UPDATED THIS SET OF PDF's:
ASI-008 CREATED CONFORMED SET 05-20-2008
ASI-009 ISSUED SKETCHES, UPDATED SHEETS 05-27-2008

SOUTHCENTRAL FOUNDATION
PCC III CLINIC

CONFORMED SET (05-20-2008)

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GENERAL NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AS ADOPTED AND AMENDED BY THE CITY OF ANCHORAGE, ALASKA.

2. THESE DRAWINGS ARE SUPPLIED TO THE CONTRACTOR AND OTHERS FOR THEIR USE FOR THIS SPECIFIC PROJECT. ALL COPIES OF THESE DRAWINGS SHALL REMAIN THE PROPERTY OF KOONCE PFEFFER BETTIS, INC. AND SHALL NOT BE REUSED OR REPRODUCED WITHOUT PERMISSION OF KOONCE PFEFFER BETTIS, INC.

3. THE ORGANIZATION OF DOCUMENTS ARE NOT INTENDED TO CONTROL THE DIVISION OF WORK. DIVISION OF WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

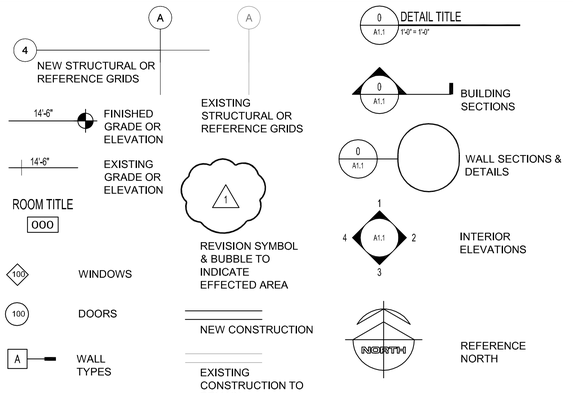
4. DIMENSIONS ARE TO FACE OF STUD, FACE OF MASONRY, FACE OF CONCRETE OR GRID LINE UNLESS OTHERWISE NOTED.

5. CONTRACTOR SHALL VERIFY DIMENSIONS, REQUIRED CLEARANCES, AND POWER AND PLUMBING REQUIREMENTS FOR ALL OWNER AND NIC ITEMS. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.

6. CONTRACTOR TO COORDINATE WITH OWNER ON BACKING REQUIREMENTS FOR ALL OWNER FURNISHED OFFICE AND MEDICAL EQUIPMENT AND INSTALL BACKING AS REQUIRED.

7. DO NOT SCALE THESE DRAWINGS.

SYMBOLS



CODE ANALYSIS - INFORMATION

Existing Project Information

PCC1: - originally built under 1997 UBC
Occupancy group: B
(B using 2006 IBC)
Construction Type: II-1 hour (sprinklered in lieu of 1-hour)
(II-B using 2006 IBC)
Fully Sprinklered
First Floor Area total: 20,408 sf
Second Floor Area total: 20,466 sf

Lobby
Area: - originally built under 1997 UBC
Occupancy Group: A2.1
(A-3 using 2006 IBC)
Construction Type: V-1 hour (sprinklered in lieu of 1-hour)
(V-A using 2006 IBC)
Fully Sprinklered
First Floor Area total: 5,910 sf
Second Floor Area total: 1,372 sf

PCC2: - originally built under 1997 UBC
Occupancy Group: B
(B using 2006 IBC)
Construction Type: II-1 hour (sprinklered in lieu of 1-hour)
(II-B using 2006 IBC)
Fully Sprinklered
First Floor Area total: 22,495 sf
Second Floor Area total: 22,701 sf

All three building areas are separated on either side of the lobby by 2-hour rated area separation walls.

New Project Information
PCC3 Addition: 2006 IBC, 2006 IFC, 2006 IMC, 2006 UPC, 2005 NEC
Occupancy Group: B
Construction Type: II-B (unrated)
PCC3 and PCC1 will both be considered as part of the same building for code purposes since the actual areas of both buildings combined fit within the allowable area of a single building per IBC 503.1.2, (B occupancy, II-B construction type for both)

2

Fully Sprinklered
First Floor addition: 26,999 sf
Second Floor addition: 26,075 sf
Third Floor addition: 26,206 sf
Total Addition = 79,280 sf

Combined PCC1 existing & PCC3 addition
First floor: 20,408 sf + 26,999 sf = 47,407 sf
Second floor: 20,466 sf + 26,075 sf = 46,541 sf
Third floor: 0 sf + 26,206 sf = 26,206 sf
Total area = 120,154 sf

Allowable Area: 23,000 sf per IBC table 503
Sprinkler Increase (IBC 506.3): 23,000 + 46,000 = 69,000 sf
Multi-story increase (IBC 506.4): 69,000 x 3 = 207,000 sf
(No single story can exceed 69,000 sf)
Therefore, building area is ok, because combined areas of PCC1 & PCC3 is less than 207,000 sf and no single floor is greater than 69,000 sf

Building will be fully-sprinklered and meet requirements of NFPA 13 (Standard for the Installation of Sprinkler Systems).

Fire resistance ratings: unrated per IBC table 601 for Type II-B construction.

Incidental use area separations: Incidental use area rated separations are required per IBC table 508.2.

Shafts and vertical exit enclosures: 1 hour per IBC 707.4.
Structure supporting shaft enclosures needs to be 1-hour rated per IBC 706.5.

Per preliminary code review meetings with Building Safety (Ross Noffsinger and Frank Carpenter), the open, "grand stair" complies with IBC 1020.1 exception 4 and is allowed to be an unenclosed stair because it is not a required means of egress. The first and second levels are allowed to be open to one another without a shaft enclosure per IBC 707.2 exception 7. Where the open stair extends to the third floor, the open stair is separated from the remainder of the floor with a 1-hour rated shaft enclosure per IBC 707.1. Occupants of the third floor clinic areas may enter the two required vertical exit enclosures without passing through the "top hat" open stair shaft at the third level. The supporting structure of the shaft wall enclosure will need 1-hour protection per IBC 706.5. See rated "top hat" walls at the third floor on G1.10.

Exterior wall fire protection: Per IBC 704.3 exception, buildings on same lot (PCC1 & PCC3) are considered a single building. No exterior wall protection required.

Per IBC 1007.2.1, elevator is not an accessible means of egress.

Per IBC 1007.3 exception 3, clear width of 48" between stair handrails is not required in a sprinklered building. Required minimum width of 44" applies per IBC 1009.1.

Per IBC 1007.3, area of refuge is required in vertical exit enclosures or in an area directly adjacent to the stair and separated from the rest of the floor by a smoke barrier in accordance with IBC 709. Area of refuge is 30"x48" and required egress width must be maintained around area of refuge. 1 area of refuge per each 200 occupants (1 @ each stair enclosure at each floor). Per IBC 1007.6.3, two-way communication must be provided. Fire department needs to approve remote communication location.

Maximum exit travel distance to closest exit: 300 feet per IBC table 1016.1.
Corridors: unrated per IBC table 1017.1.

Per IBC 3104.3, pedestrian walkway (2nd level skybridge) shall be noncombustible construction. IBC 3104.5 exception 1 allows for no fire barrier between skybridge and buildings if protected by sprinkler, if glass framing deflects prior to sprinkler activation, and if there is no obstruction between sprinkler and glass. 2003 IBC requirement for smoke and heat vents in enclosed walkways was deleted in 2006 IBC.

Fire access roads (IFC 503.1): Shall extend to be located within 150 feet of all portions of the exterior walls of the first story of the building. Width 20 feet minimum with 40' inside turning radius. Dead-ends limited to 150 feet without approved turnarounds (see IFC appendix D).
See sheet C3.0 for fire lane locations.

Aerial fire apparatus access roads (IFC D105): The PCC3 addition will not exceed 30 feet height from the fire lane access elevation to the uppermost floor elevation, so aerial fire access roads will not be required.

MOA Title 21 requirements

Zoning classification: B-3 (AMC 21.40.180)
Zoning setbacks: front yard (Diplomacy): 10 feet,
front yard (Tudor): administratively reduced to 5 feet;
Side yard setback (applies to east & west property lines): none
Rear yard setback: does not apply to through lots.

Development Setback (AMC 21.45.140): 15 feet from property line on Tudor. Tudor road is classified as IIIA arterial per OS&HP. 65 foot setback from centerline required. Existing right-of-way centerline distance is 50 feet. Note that front yard setback must be maintained in addition to development setback.

2

Parking ratios: health services: 1 space per 250 gsf building
Existing parking required: 364 spaces (per PCC2 permit set)
New parking required: 79,280 sf / 250 = 317 spaces
Total parking required: 681 spaces
New parking provided in 5-story parking garage: 488 spaces
Existing parking spaces retained/reconfigured: 199 spaces
Total parking provided: 687 spaces
13 total accessible parking spaces required (including 1 van-accessible space)
13 total accessible parking spaces provided (including 1 van-accessible space) - See C3.0

Landscaping: visual enhancement landscaping (8 feet wide) at perimeter of parking, 10' landscaping easement along Tudor, 10% internal landscaping of parking areas.

Loading spaces required: healthcare facilities 1 type B loading berth up to 100,000 gsf plus 1 additional type B berth if over 100,000 gsf.
Loading spaces provided: 2 type B berths (30' x10' x 14'-6" high)

Refuse areas: Must have 3-sided screened enclosure
Compactor for building refuse to be provided, located north of parking garage
(Compactor screening approved as part of parking garage permit)

DRAWING SET SHEET INDEX

GENERAL ABBREVIATIONS

ABREV	ABBREVIATIONS
AC	ASPHALTIC CONCRETE
ACOUST	ACOUSTICAL
ACM	ASBESTOS CONTAINING MATL
ACT	ACOUSTICAL CEILING TILE
ADDN	ADDITION / ADDITIONAL
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ALT	ALTERNATE
ANOD	ANODIZED
APPROX	APPROXIMATELY
ARCH	ARCHITECT / ARCHITECTURAL
BD	BOARD
BET	BETWEEN
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BRG	BEARING
BO	BOTTOM OF
BOD	BOTTOM OF DECK
BUR	BUILT-UP ROOF
C	CELCIUS
CAB	CABINET
CB	CHALK BOARD
CBB	CEMENT BACKER BOARD
CG	CORNER GUARD
CHKRD	CHECKERED
CL	CENTER LINE
CLG	CEILING
CJ	CONTROL JOINT
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
COMM	COMMUNICATION
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACT(OR)
CONV	CONVECTOR
COORD	COORDINATE
CPT	CARPET
CSK	COUNTERSINK
CSMT	CASEMENT
CT	CERAMIC TILE
CTR	CENTER(ED)
CU	CUBIC
CUH	CABINET UNIT HEATER
DECOR	DECORATIVE
D	DEPTH
DEG	DEGREES
DEMO	DEMOLITION
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DK	DECK / DECKING
DN	DOWN
DR	DOOR
DS	DOWN SPOUT
DWG	DRAWING
E	EAST
EA	EACH
E/A	EXHAUST AIR
EIFS	EXT INSUL FINISH SYSTEM
EL	ELEVATION
ELEV	ELEVATOR
ELEC	ELECTRICAL
EQUIP	EQUIPMENT
EW	EACH WAY
EXH	EXHAUST
EXP	EXPANDED / EXPANSION
EXP JT	EXPANSION JOINT
EXST	EXISTING
EXT	EXTERIOR
EXTR	EXTRUDED
F	FAHRENHEIT
FA	FIRE ALARM
FAB	FABRICATE(D)
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISHED
FG	FIBERGLASS
FHC	FIRE HOSE CABINET
FHWS	FLAT HEAD WOOD SCREW
FHMS	FLAT HEAD MACHINE SCREW
FIG	FIGURE
FIN	FINISH
FIN GR	FINISH GRADE
FIN FLR	FINISH FLOOR
F.I.O.	FOR INFORMATION ONLY
FL	FLASHING
FLR	FLOOR
FLRG	FLOORING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FPRF	FIRE PROOFING
FR	FIRE RATING
FRP	FIBERGLASS REINFORCED PNL
FRT	FIRE RETARDANT TREATED
FT	FOOT / FEET
FTG	FOOTING
FXTR	FIXTURE
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GEN	GENERAL
GL	GLASS
GLB	GLUE LAM BEAM
GLU-LAM	GLUE LAMINATED
GOV	GOVERNMENT
GMGWB	GLASS MESH GYPSUM WALL BD
GR	GRADE
GRTG	GRATING
GSP	GALVANIZED STEEL PIPE
GWB	GYPSUM WALL BOARD
HB	HOSE BIBB
HC	HANDICAPPED
HDO	HIGH DENSITY OVERLAY
HDWD	HARDWOOD
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT/H	HEIGHT
HTG	HEATING
IBC	INTERNATIONAL BUILDING CODE
IN	INCH
ID	INSIDE DIAMETER
INSUL	INSULATION
IHM	INSULATED HOLLOW METAL
INT	INTERIOR
INV	INVERT
JT	JOINT
JST	JOIST
KD	KNOCK DOWN
KPL	KICK PLATE
L	LEFT
LAM	LAMINATE
LAV	LAVATORY
LB	POUND
LF	LINEAR FOOT
LT	LIGHT
MAN	MANUAL
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFG	MANUFACTURER (ED)
MH	MANHOLE
MHK	MOP HOOK
MO	MASONRY OPENING
MTL	METAL
MTR BD	MORTAR BED
MILWK	MILLWORK
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MTD	MOUNTED
MPS	MOVABLE PARTITION SYSTEM
N	NORTH
NA	NOT APPLICABLE
NAT FIN	NATURAL FINISH
NFS	NON FROST SUSCEPTIBLE
NIC	NOT IN CONTRACT
NLB	NON LOAD BEARING
NO	NUMBER
NOM	NOMINAL
NR	NON-RATED
NTS	NOT TO SCALE
O/A	OUTSIDE AIR
OC	ON CENTER
OFCI	OWNER FURNISHED-CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED-OWNER INSTALLED
OH	OVERHEAD
OPP	OPPOSITE
OPNG	OPENING
ORD	OVERFLOW ROOF DRAIN
ORIG	ORIGINAL
OTSA	OPEN TO STRUCTURE ABOVE
PBD	PARTICLE BOARD
PL	PLATE / PLASTIC LAMINATE
PLAM	PLASTIC LAMINATE
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR
PRCST	PRECAST
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PSF	POUNDS PER SQUARE FOOT
PT	PAINT
PTD	PAPER TOWEL DISPENSER
PTR	PAPER TOWEL RECEPTOR
PVC	POLYVINYLCHLORIDE
PTN	PARTITION
QT	QUARRY TILE
R	RIGHT
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCE (D) (ING) (MENT)
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISE / REVISION
RF	RUBBER FLOORING
RFG	ROOFING
RFS	RAISED FLOOR SYSTEM
RHK	ROBE HOOK
RHMS	ROUND HEAD MACHINE SCREW
RHWS	ROUND HEAD WOOD SCREW
RL	RAIN LEADER
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
RT	RUBBER TILE
RTR	RUBBER TREAD & RISER
S/A	SUPPLY AIR
SAC	SUSP. ACOUST. CLG.
SC	SOLID CORE
SCHED	SCHEDULE
SCW	SOLID CORE WOOD
SD	STORM DRAIN/SOAP DISPENSER
SE	SATIN ETCHED
SECT	SECTION
SF	SQUARE FOOT / FEET
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SLR	SEALER
SM	SMOKE
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTOR
SPEC	SPECIFICATION(S)
SQ	SQUARE
SS	SOLID SURFACE
SST	STAINLESS STEEL
ST	STONE TILE
STN	STAIN
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL
SUBST	SUBSTRATE
SUSP	SUSPENDED
SV	SHEET VINYL
THB	THERMAL BREAK
TB	TACK BOARD
TEMP	TEMPERATURE
T&G	TONGUE AND GROOVE
THK	THICK
THOLD	THRESHOLD
THRU	THROUGH
TOD	TOP OF DECKING
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET
TOS	TOP OF SLAB
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TS	TUBE STEEL
TSTAT	THERMOSTAT
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LIBRATORY
UNFIN	UNFINISHED
UON	UNLESS OTHERWISE NOTED
VAC	VACUUM
VAR	VARIES
VERT	VERTICAL
VR	VAPOR RETARDER
VTR	VENT THROUGH ROOF
W	WEST / WIDTH
W/	WITH
W/O	WITH OUT
WB	WOOD BASE
WD	WOOD
WDO	WINDOW
WF	WIDE FLANGE
WR	WASTE RECEPTACLE
WP	WATERPROOF
WO	WALK-OFF MATT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

DESCRIPTION OF PROJECT / SCOPE OF WORK

THIS PROJECT IS A THREE-STORY ADDITION OF APPROXIMATELY 75,000 SQUARE FEET TO THE EXISTING PRIMARY CARE CLINIC FOR SOUTHCENTRAL FOUNDATION.

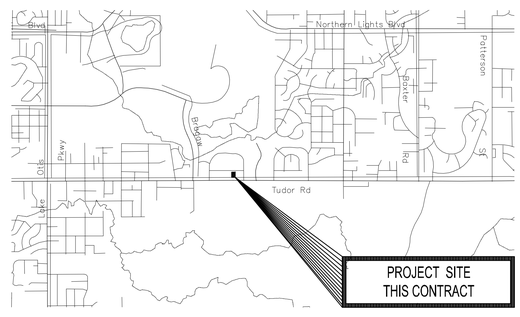
THE CLINIC ADDITION WILL BE LOCATED TO THE SOUTH OF THE FIRST PHASE OF THE EXISTING TWO-STORY CLINIC. THE BUILDING ADDITION IS OF NON-COMBUSTIBLE (TYPE II-B) CONSTRUCTION.

THE NEW ADDITION AND THE ORIGINAL CLINIC (PCC1) WILL BE CONSIDERED AS A SINGLE BUILDING PER THE BUILDING CODE, REQUIRING NO FIRE-RATED SEPARATION BETWEEN THE NEW/EXISTING CLINIC SPACES.

A 2ND FLOOR LEVEL SKYBRIDGE WILL CONNECT THE EAST SIDE OF THE NEW CLINIC ADDITION TO THE PARKING GARAGE.

THE PARKING GARAGE IS CURRENTLY UNDER CONSTRUCTION AND IS PERMITTED SEPARATELY.

VICINITY MAP



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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

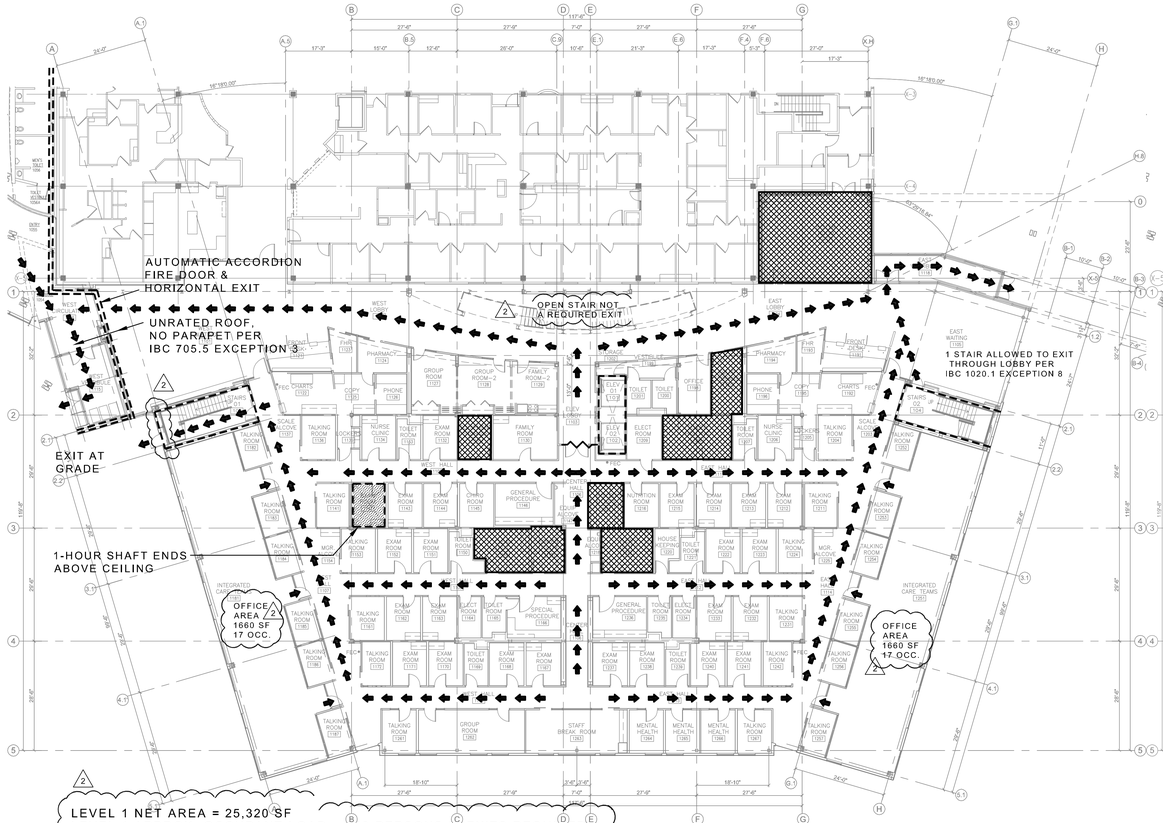
REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm
REVIEWED	kb

PROJECT INFORMATION - INDEX - SCOPE OF WORK

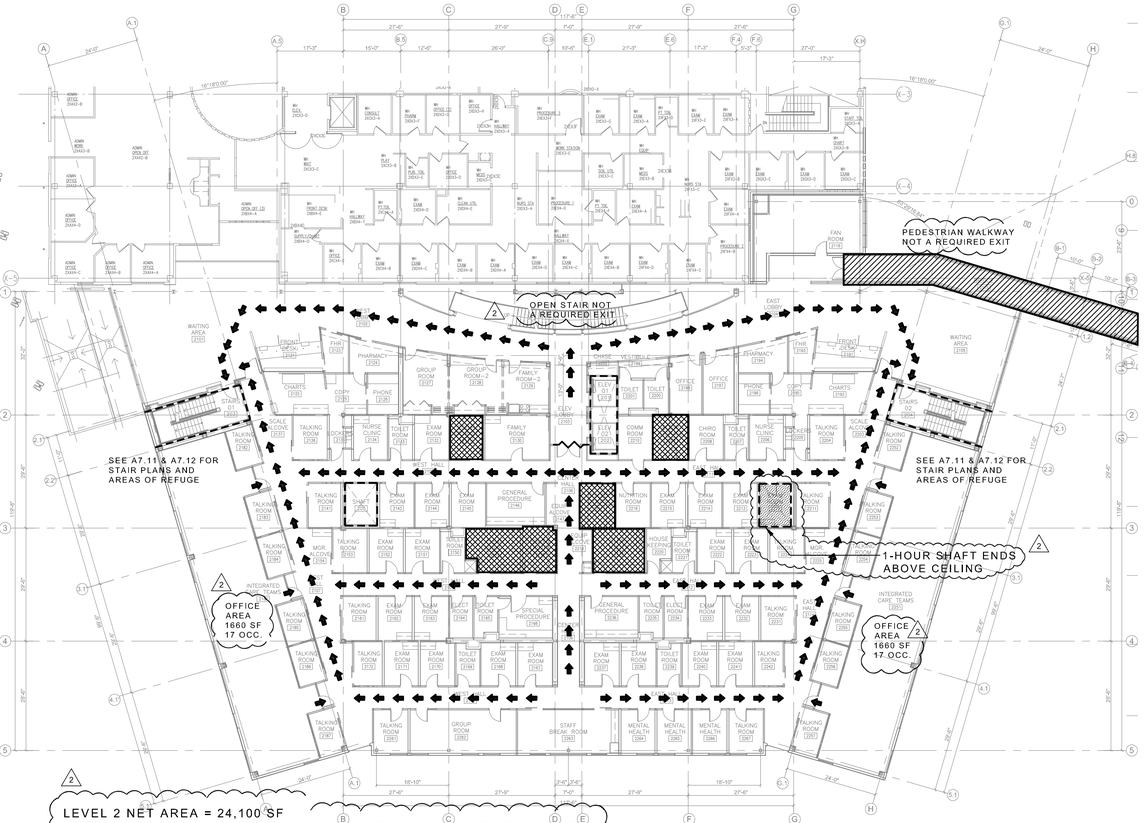
SHEET NO.
G1.00
G1.00 PROJECT INFORMATION – INDEX – SCOPE OF WORK.DWG



LEVEL 1 NET AREA = 25,320 SF
LEVEL 1 APPROX. OCCUPANT LOAD = 253 PERSONS (2 EXITS REQUIRED)
OCCUPANT LOAD FACTOR OF 100 FOR OFFICE & OUTPATIENT FACILITIES

1 OVERALL FLOOR PLAN - LEVEL 1 CODE STUDY
1/16" = 1'-0"

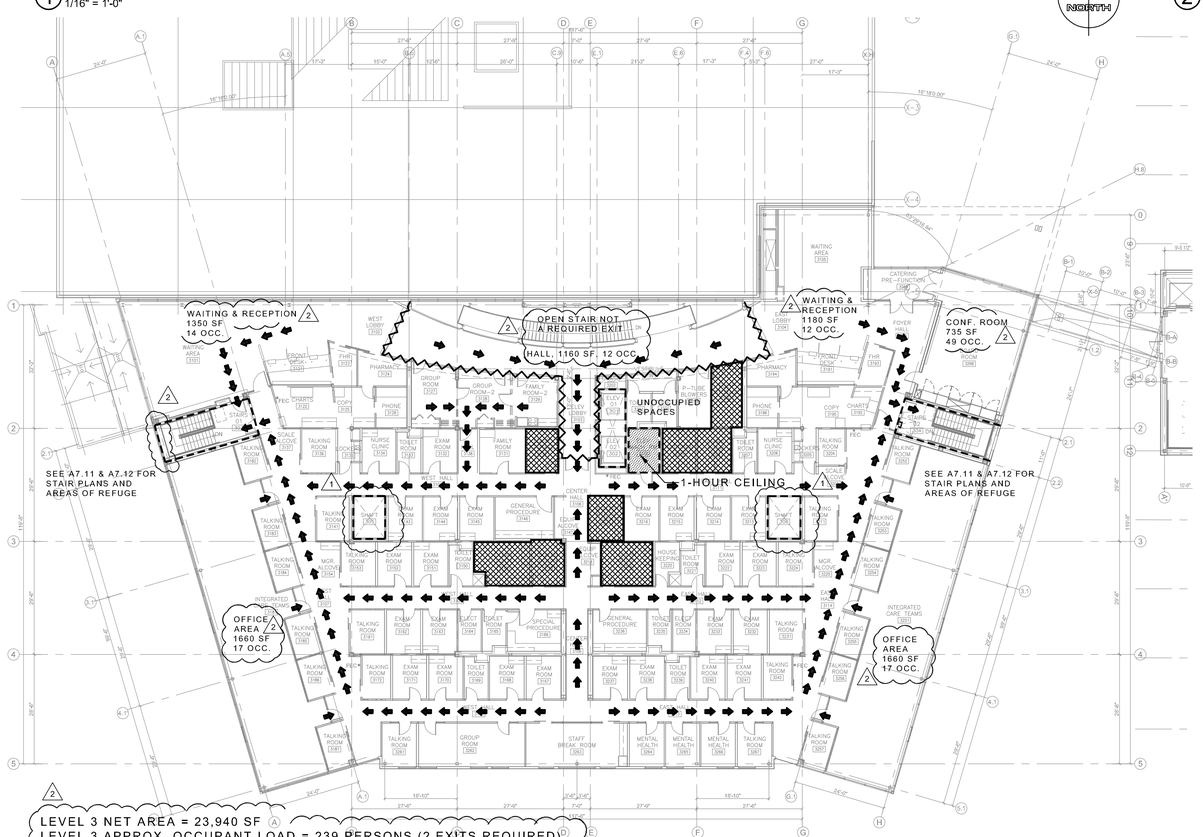
NORTH



LEVEL 2 NET AREA = 24,100 SF
LEVEL 1 APPROX. OCCUPANT LOAD = 241 PERSONS (2 EXITS REQUIRED)
OCCUPANT LOAD FACTOR OF 100 FOR OFFICE AND OUTPATIENT FACILITIES

2 OVERALL FLOOR PLAN - LEVEL 2 CODE STUDY
1/16" = 1'-0"

NORTH



LEVEL 3 NET AREA = 23,940 SF
LEVEL 3 APPROX. OCCUPANT LOAD = 239 PERSONS (2 EXITS REQUIRED)
OCCUPANT LOAD FACTOR OF 100 FOR OFFICE AND OUTPATIENT FACILITIES

3 OVERALL FLOOR PLAN - LEVEL 3 CODE STUDY
1/16" = 1'-0"

NORTH

LEGEND

1-HOUR SHAFT SEPARATION AT 3RD FLOOR OPEN STAIR PER IBC 707.1, SEE CODE ANALYSIS G1.0 FOR "TOP HAT"

1-HOUR FOR SHAFT, VERTICAL EXIT ENCLOSURE, & ELEVATOR MACHINE ROOM PER IBC 707.4

2-HOUR FIRE WALL PER IBC TABLE 705.4 (FOOTNOTE A)

PEDESTRIAN WALKWAY (SKYBRIDGE) PER IBC 3104

NON-RATED INCIDENTAL USE AREA PER IBC TABLE 508.2, CONSTRUCTION IS SMOKE RESISTIVE

1 - HOUR CEILING ASSEMBLY

EXIT — ADDITIONAL EXIT PATH ARROWS ADDED AS PART OF ADD.#2

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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

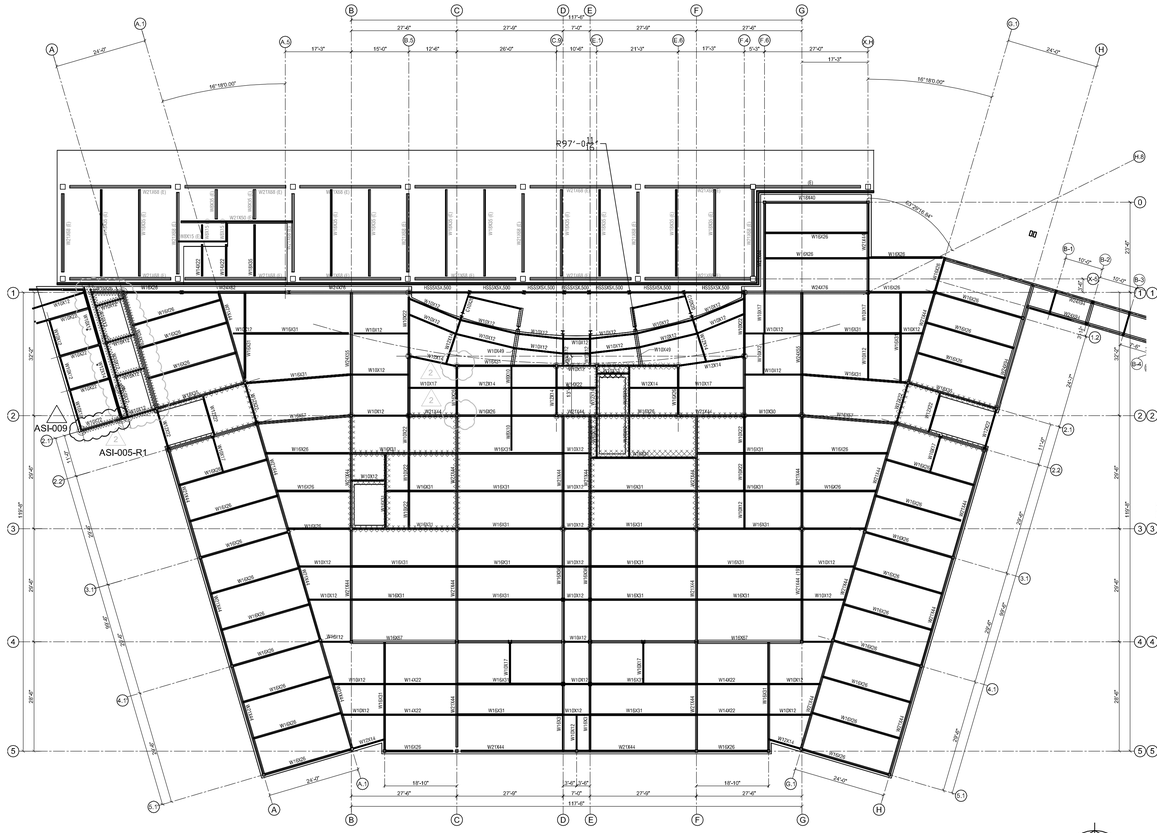
CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm
REVIEWED	kb

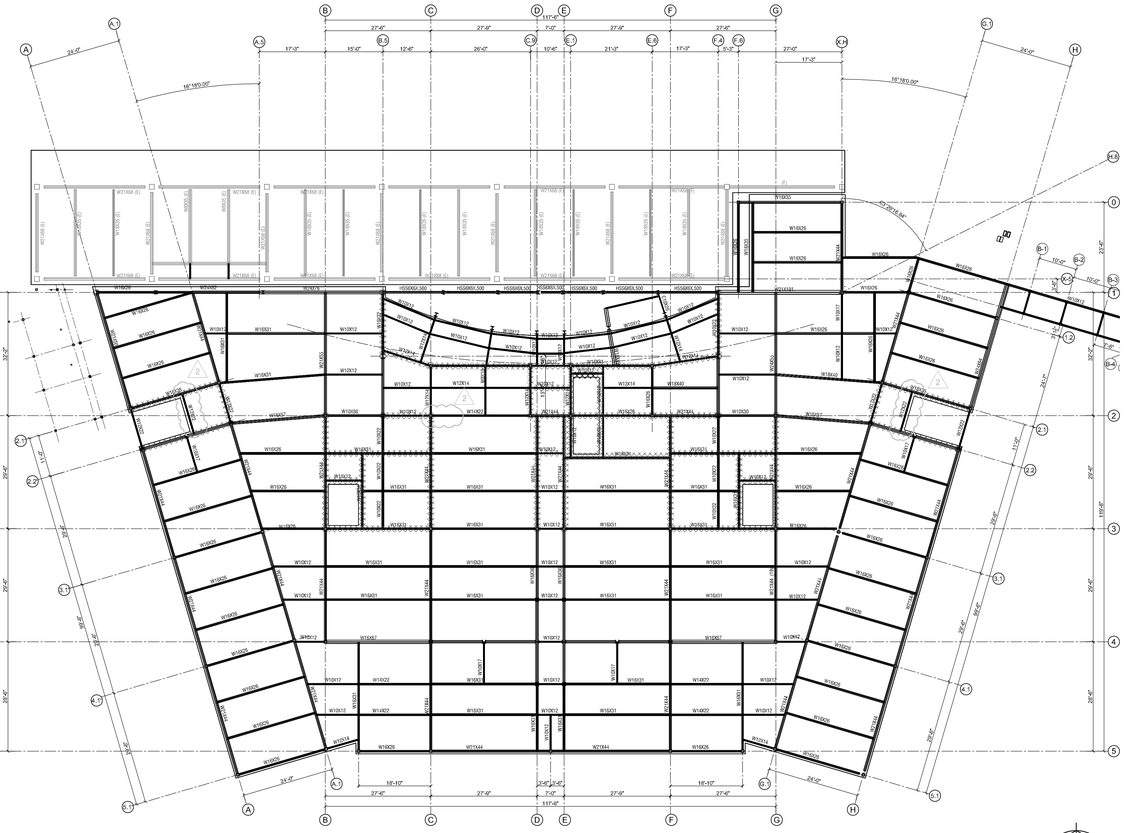
CODE STUDY - LEVELS 1 2 & 3

SHEET NO.
G1.10

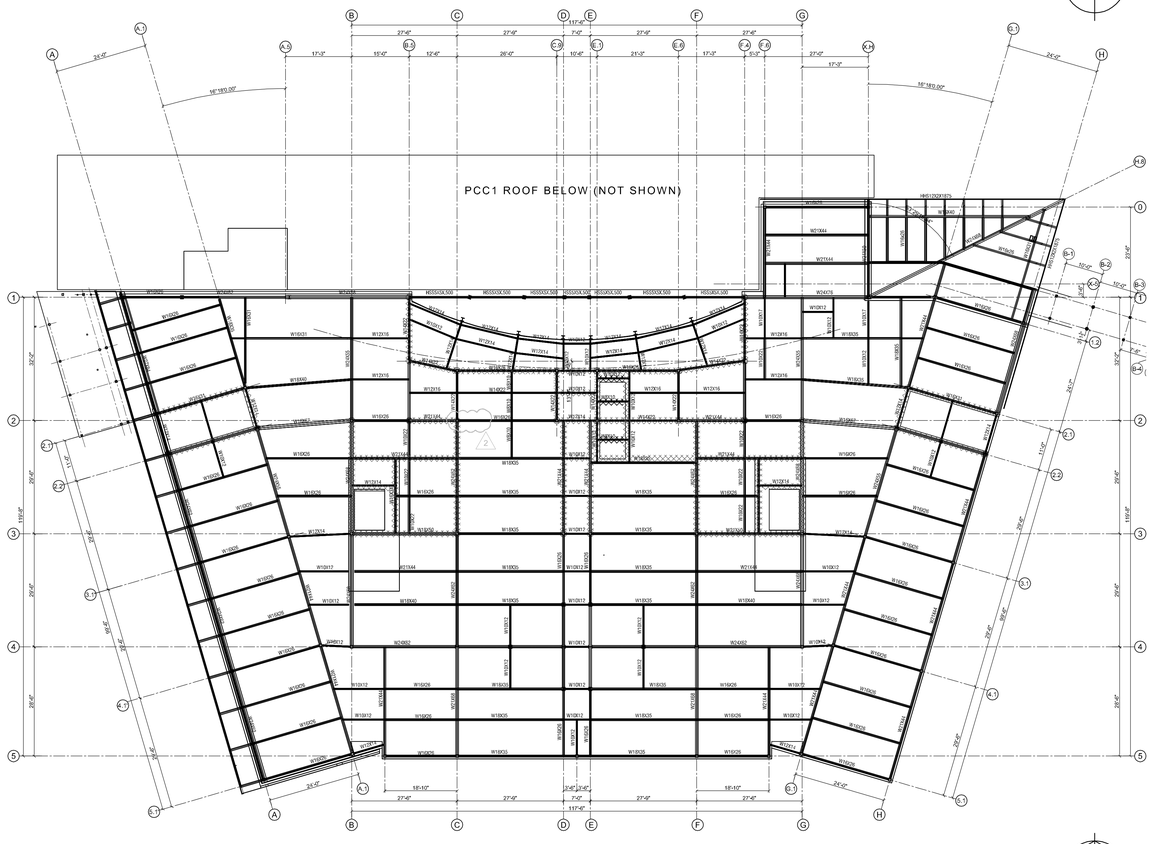
G1.10 CODE STUDY - LEVELS 1 2 AND 3.DWG



1 LEVEL 2 FLOOR PLAN FRAMING - STRUCTURAL STEEL FIRE PROOFING REQUIREMENTS
1/16" = 1'-0"



2 LEVEL 3 FLOOR PLAN FRAMING - STRUCTURAL STEEL FIRE PROOFING REQUIREMENTS
1/16" = 1'-0"



3 ROOF PLAN FRAMING - STRUCTURAL STEEL FIRE PROOFING REQUIREMENTS
1/16" = 1'-0"

LEGEND

COLUMN WITH 1-HOUR GWB FIRE PROTECTION (UL X528 @ TUBESTEEL' 2 - LAYERS)
(UL X528 @ WIDE FLANGE; 1 - LAYER)
REFERNCE RATED COLUMN WRAP DETAILS ON SHEET A5.21

COLUMN WITH 2-HOUR GWB FIRE PROTECTION (UL X528 @ TUBESTEEL' 3 - LAYERS)
(UL X528 @ WIDE FLANGE; 2 - LAYERS)
REFERNCE RATED COLUMN WRAP DETAILS ON SHEET A5.21

BEAM WITH 1-HOUR SPRAY-APPLIED FIRE PROTECTION (UL P732)

BEAM WITH 2-HOUR SPRAY-APPLIED FIRE PROTECTION (UL P732)
ASI-005-R1

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Anchorage, Alaska

REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08
3 Sheet Reissued 05-20-08

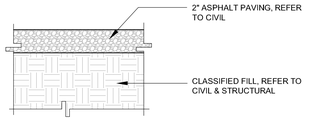
SHEET REISSUED FOR CONFORMED SET 05-20-2008

JOB NO.	A6070.01
DATE	5/27/2008
DRAWN	ghm / kb
REVIEWED	kb

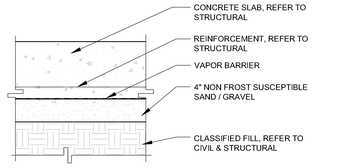
STRUCTURAL FIREPROOFING DIAGRAMS

SHEET NO.
G1.11
G1.11 STRUCTURAL FIREPROOFING DIAGRAMS.DWG

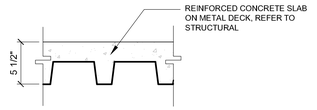
HORIZONTAL ASSEMBLIES



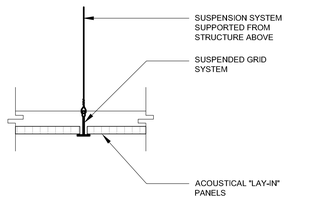
1 FLOOR ASSEMBLY (ON GRADE)



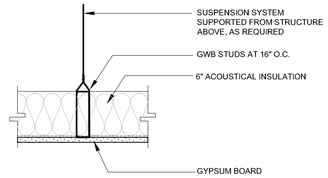
2 FLOOR ASSEMBLY (ON GRADE)



3 FLOOR SLAB ABOVE GRADE

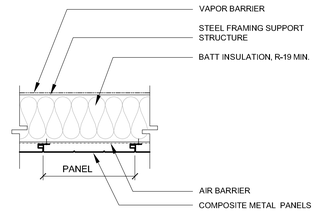


4 ACOUSTICAL CEILING SYSTEM

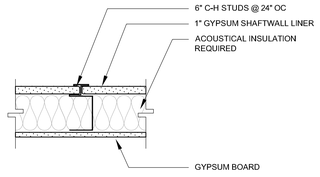


NOTE: PRE-MANUFACTURED SUSPENDED GYPSUM CEILING SYSTEM MAY BE SUBSTITUTED IN LIEU OF FRAMED SYSTEM.

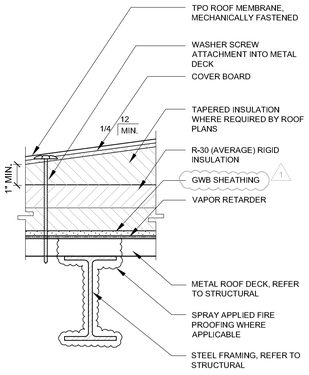
5 SUSPENDED GYPSUM CEILING ASSEMBLY



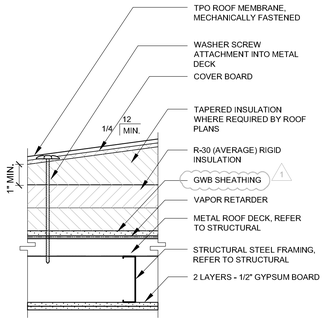
6 EXTERIOR SOFFIT



7 1-HOUR HORIZONTAL ASSEMBLY
UL# U417

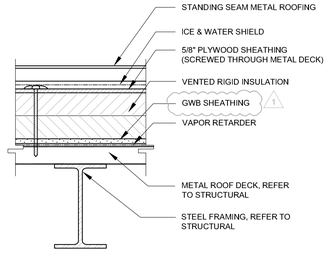


8 ROOF ASSEMBLY - TPO

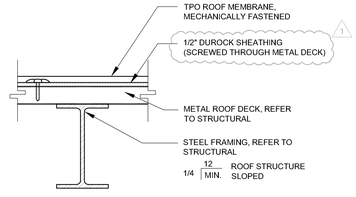


NOTE: PRE-MANUFACTURED SUSPENDED GYPSUM CEILING SYSTEM MAY BE SUBSTITUTED IN LIEU OF FRAMED SYSTEM.

9 ROOF ASSEMBLY - TPO
UL #P512

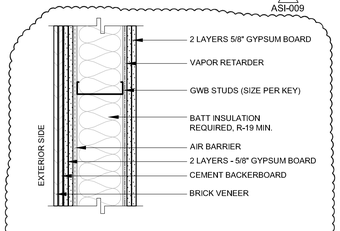


10 ROOF ASSEMBLY - METAL PANELS



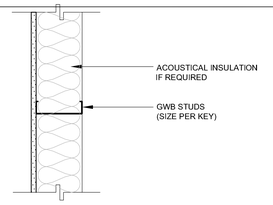
11 ROOF ASSEMBLY - (non-insulated)

ASI-009

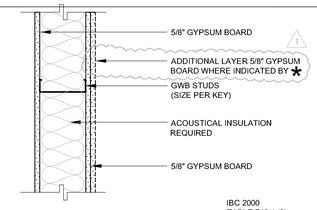


R WALL TYPE - EXTERIOR BRICK
2 HR RATED UL #U425

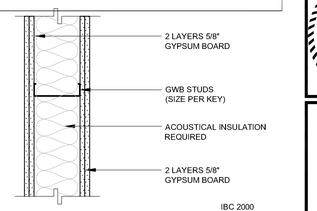
VERTICAL ASSEMBLIES



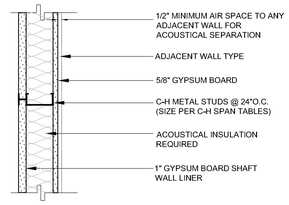
A WALL TYPE - INTERIOR
NON-RATED



B WALL TYPE - INTERIOR
IBC 2000 TABLE 719.1 (2) ITEM 13-1.1
1 HR RATED WHERE INDICATED ON PLAN

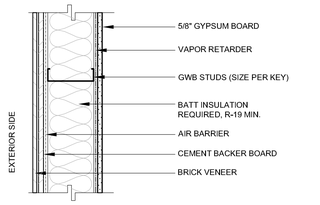


C WALL TYPE - INTERIOR
IBC 2000 TABLE 719.1 (2) ITEM 13-1.1
2 HR RATED WHERE INDICATED ON PLAN

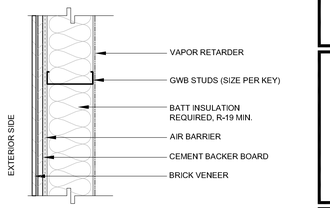


NOTE: TAG SIZE DOES NOT MATCH STUD SIZE SCHEDULE, 2 1/2" C-H STUDS USED TYPICAL.

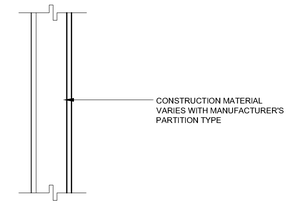
D WALL TYPE - SHAFT
1 HR RATED UL# U415



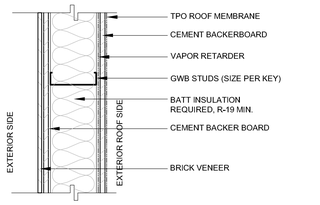
E WALL TYPE - EXTERIOR BRICK
UL #U425



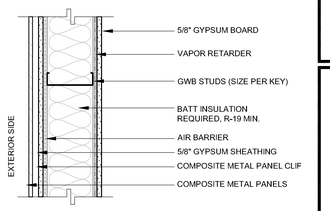
F WALL TYPE - EXTERIOR BRICK



G WALL TYPE - MOVABLE PARTITION
NON-RATED

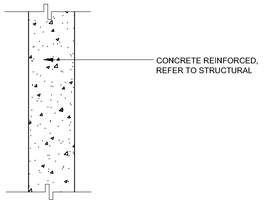


H WALL TYPE - ROOF PARAPET
NON-RATED

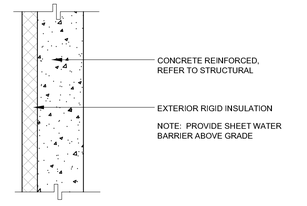


ICBO REPORT PFC-4909 FOR COMPOSITE METAL PANELS

J WALL TYPE - EXTERIOR METAL
NON-RATED



K WALL TYPE - CONCRETE
IBC 2003 TABLE 720.1 (2) ITEM 4-1.1
NON-RATED



L WALL TYPE - CONCRETE
IBC 2003 TABLE 720.1 (2) ITEM 4-1.1
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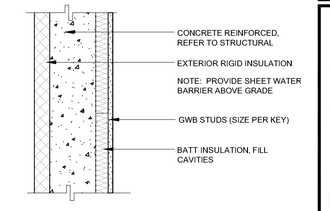
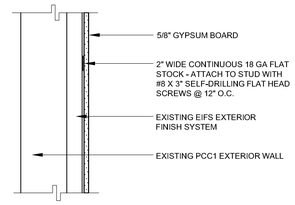
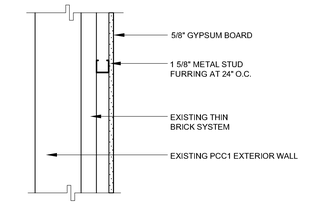


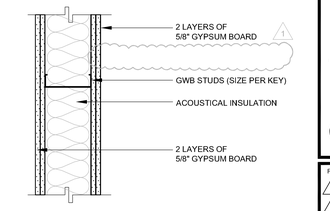
M WALL TYPE - CONCRETE / GWB
NON-RATED



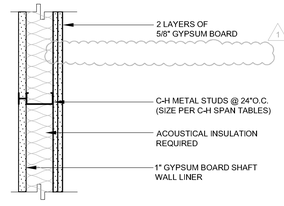
N WALL TYPE - PCC1 FURRING
NON-RATED



O WALL TYPE - PCC1 FURRING
NON-RATED



P WALL TYPE - INTERIOR
ACOUSTICAL ISOLATION

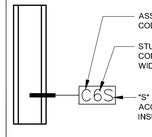


NOTE: TAG SIZE DOES NOT MATCH STUD SIZE SCHEDULE, 2 1/2" C-H STUDS USED TYPICAL.

Q WALL TYPE - INTERIOR
ACOUSTICAL ISOLATION

LEGEND

ASSEMBLY TYPE SYMBOL:



METAL STUD SIZE KEY:

2	=	1 5/8	INCHES
3	=	3 5/8	INCHES
4	=	4	INCHES
6	=	6	INCHES
8	=	8	INCHES
10	=	10	INCHES
12	=	12	INCHES
18	=	18	INCHES

GENERAL NOTES

1. ALL DIMENSIONS ARE TO F.O.S., CONCRETE OR C.M.U. UNLESS OTHERWISE NOTED. DIMENSIONING POINTS ARE TO THE MAIN WALL MEMBER AND NOT TO THE FACE OF ANY FURRING SHOWN ON THE WALL TYPES.
2. FINISH MATERIAL SUCH AS STONE TILE, WALL COVERINGS, ETC. ARE NOT TYPICALLY SHOWN AS AN INTEGRAL PART OF THE ASSEMBLY. REFER TO INTERIOR DRAWINGS AND / OR FINISH SCHEDULES FOR FINISH MATERIALS.
3. STUD SIZES TYPICALLY USED THROUGHOUT THE PROJECT ARE SHOWN WITH EACH ASSEMBLY TYPE.

1-HOUR REQUIRED RATED WALLS AS SHOWN ON PLANS

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REVISIONS
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2 MOA Review Responses 04-23-08

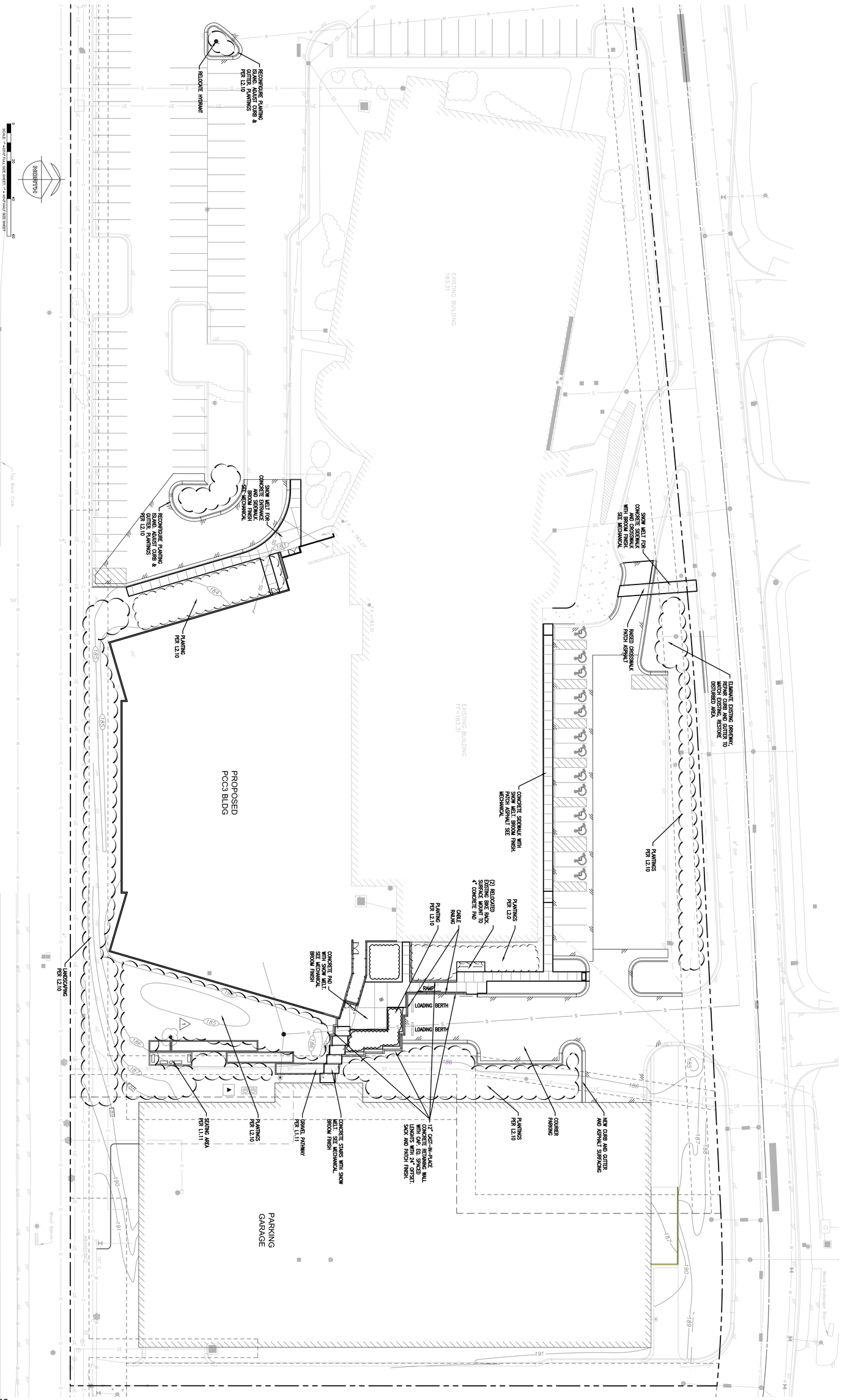
CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	5/27/2008
DRAWN	ghm
REVIEWED	kb

ASSEMBLY TYPES - CODE INFO

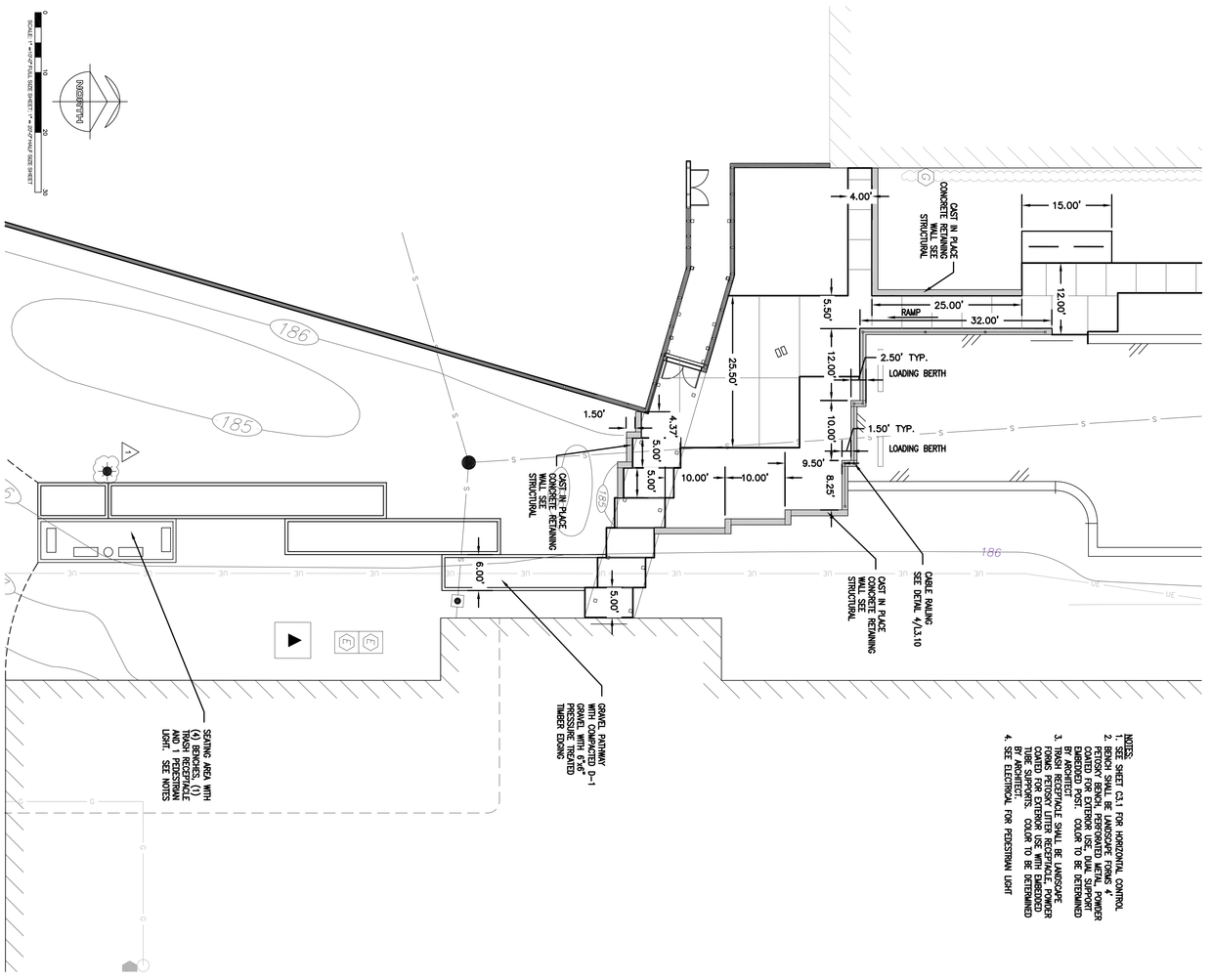
SHEET NO.
G1.12

G1.12 ASSEMBLY TYPES - CODE INFO.DWG



CONFORMED SET 04-23-2008

SHEET NO. L1.10	OVERALL SITE PLAN - ARCHITECTURAL	JOB NO. A607C01 DATE 04/23/2008 DRAWN ERL REVIEWED TD	REVISIONS 1 CONFORMED SET 04-23-2008 2 MOA Review Responses 04-22-08	South Central Foundation PCC III Clinic Anchorage, Alaska	NEESER CONSTRUCTION, INC. 2501 Blueberry Road Anchorage, Alaska 99503 Office (907) 276-1058 Fax (907) 276-8533		nbbj 223 Yale Avenue North Seattle, Washington 98109 (206) 223-5555 Fax (206) 621-2300	kpb architects architecture planning interior design design-build 425 G Street, Suite 800 - Anchorage, Alaska 99501 v 907.274.7643 f 907.274.7607 www.kpbarchitects.com	STATE OF ALASKA 49TH THOMAS DEAK P.L.A. 10205 REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT Apr 01, 2008



CONFORMED SET 04-23-2008

SHEET NO. L1.11	ENLARGED SITE PLAN	JOB NO. A0701.01 DATE 04.23.2008 DRAWN ERL REVIEWED TD	REVISIONS 1 CONFORMED SET COMMENTS MOA Review 2 MOA Responses 04-23-08

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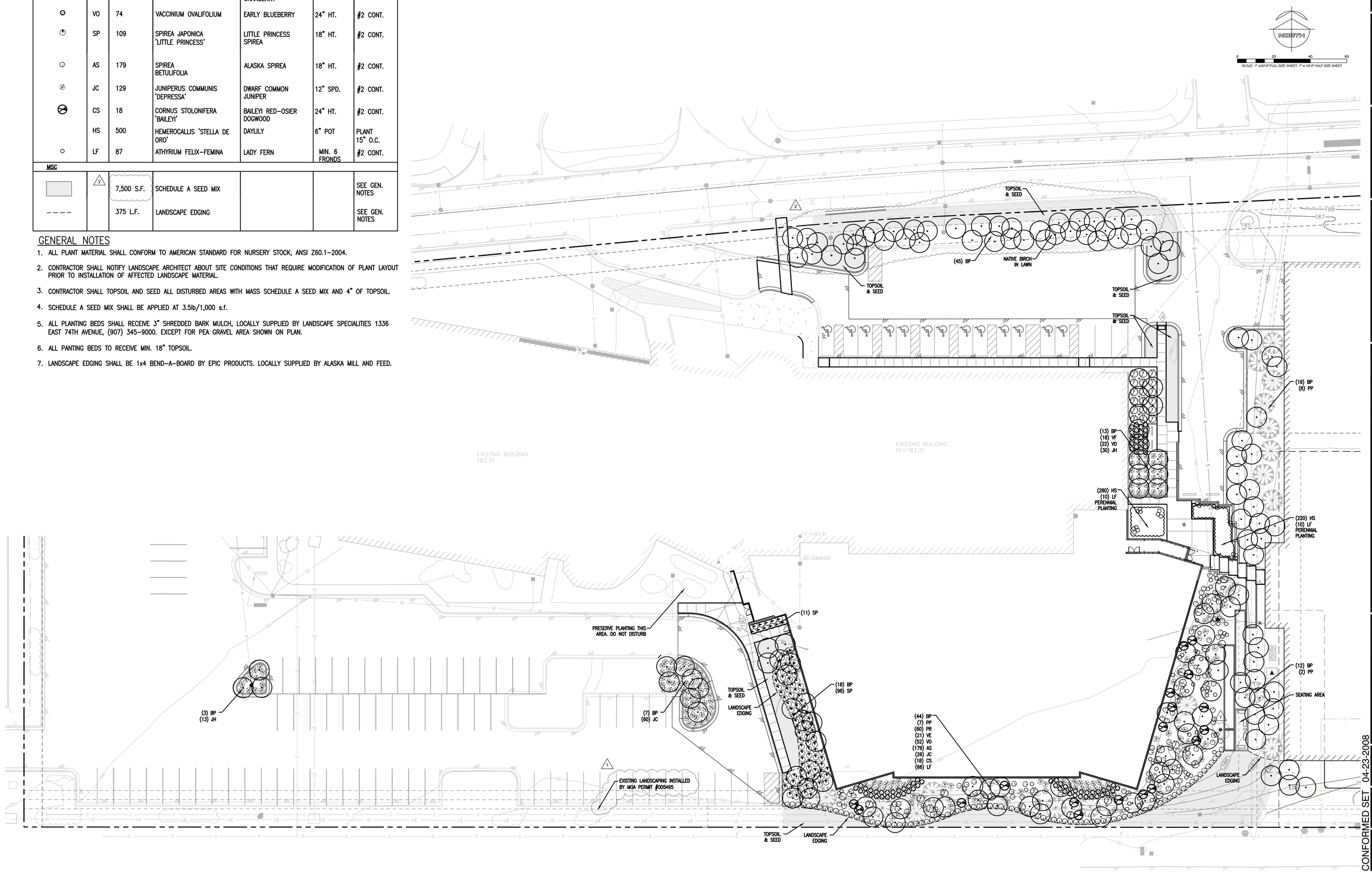
STATE OF ALASKA · 49TH · TAMAS DEAK · P.L.A. 10205 · REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
APR 23 2008

PLANTING SCHEDULE

SYMBOL	LABEL	QTY	LATIN NAME	COMMON NAME	SIZE	NOTES
TREES						
	BP	161	BETULA PAPYRIFERA	WHITE PAPER BIRCH	2.5" CAL.	15' MAX HT., WHITE BARK
	PP	17	PICEA PUNGENS	COLORADO GREEN SPRUCE	8' HT.	B&B
SHRUBS						
	PR	60	ROSA ACICULARIS	PRICKLY ROSE	3 CANES	#2 CONT.
	VE	39	VIBURNUM EDULE	HIGHBUSH CRANBERRY	30" HT.	#3 CONT.
	VO	74	VACCINIUM OVALIFOLIUM	EARLY BLUEBERRY	24" HT.	#2 CONT.
	SP	109	SPIREA JAPONICA 'LITTLE PRINCESS'	LITTLE PRINCESS SPIREA	18" HT.	#2 CONT.
	AS	179	SPIREA BETULIFOLIA	ALASKA SPIREA	18" HT.	#2 CONT.
	JC	129	JUNIPERUS COMMUNIS 'DEPRESSA'	DWARF COMMON JUNIPER	12" SPD.	#2 CONT.
	CS	18	CORNUS STOLONIFERA 'BAILEYI'	BAILEYI RED-OSIER DOGWOOD	24" HT.	#2 CONT.
	HS	500	HEMEROCALLIS 'STELLA DE ORO'	DAYLILY	6" POT	PLANT 15" O.C.
	LF	87	ATHYRIUM FELIX-FEMINA	LADY FERN	MIN. 6 FRONDS	#2 CONT.
MISC						
	2	7,500 S.F.	SCHEDULE A SEED MIX			SEE GEN. NOTES
		375 L.F.	LANDSCAPE EDGING			SEE GEN. NOTES

GENERAL NOTES

1. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-2004.
2. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT ABOUT SITE CONDITIONS THAT REQUIRE MODIFICATION OF PLANT LAYOUT PRIOR TO INSTALLATION OF AFFECTED LANDSCAPE MATERIAL.
3. CONTRACTOR SHALL TOPSOIL AND SEED ALL DISTURBED AREAS WITH MASS SCHEDULE A SEED MIX AND 4" OF TOPSOIL.
4. SCHEDULE A SEED MIX SHALL BE APPLIED AT 3.5lb/1,000 s.f.
5. ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED BARK MULCH, LOCALLY SUPPLIED BY LANDSCAPE SPECIALITIES 1336 EAST 74TH AVENUE, (907) 345-9000. EXCEPT FOR PEA GRAVEL AREA SHOWN ON PLAN.
6. ALL PANTING BEDS TO RECEIVE MIN. 18" TOPSOIL.
7. LANDSCAPE EDGING SHALL BE 1x4 BEND-A-BOARD BY EPIC PRODUCTS. LOCALLY SUPPLIED BY ALASKA MILL AND FEED.



STATE OF ALASKA — TIMOTHOY DEVINE — 4971 — REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT — 04-23-2008

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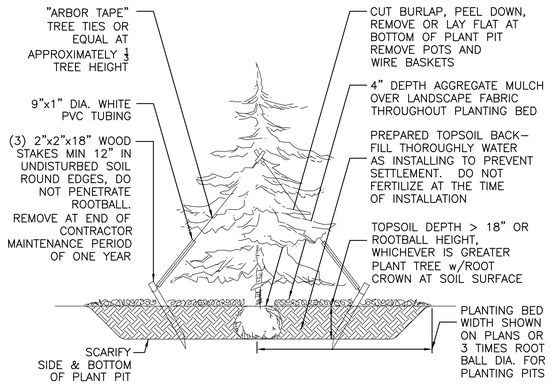
CONFORMED SET 04-23-2008

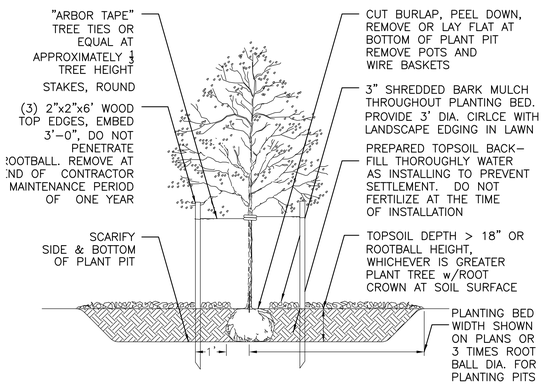
JOB NO.	A6070.01
DATE	04/23/2008
DRAWN	ERL
REVIEWED	TD

PLANTING PLAN

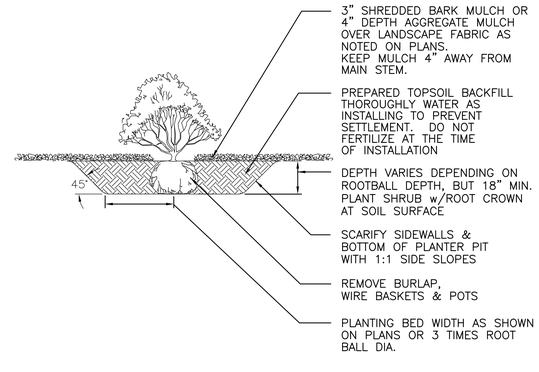
SHEET NO. L2.10



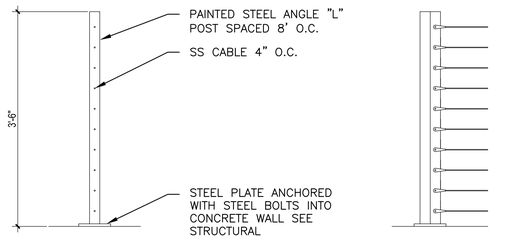
1 EVERGREEN TREE PLANTING
SCALE: NTS



2 DECIDUOUS TREE PLANTING
SCALE: NTS



3 SHRUB PLANTING
SCALE: NTS



4 CABLE RAILING DETAIL
SCALE: 1" = 1'-0"

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NEESER CONSTRUCTION, INC.
2501 Blueberry Road Anchorage, Alaska 99503
Office (907) 276-1058 Fax (907) 276-8533

South Central Foundation
PCC III Clinic
Anchorage, Alaska

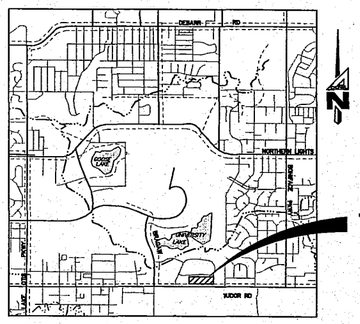
REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

04-23-2008
CONFORMED SET

JOB NO.	A6070.01
DATE	04/23/2008
DRAWN	ERL
REVIEWED	TD

DETAILS

SHEET NO.
L3.10



THIS PROJECT

VICINITY MAP
SCALE: 1"= 1/2 MILE

SHEET INDEX

LEGEND

EXISTING	NEW	
		BOUNDARY LINE
		ADJACENT PROPERTY
		ROW CENTERLINE
		EASEMENT LINE
		BUILDING
		CONCRETE
		SIDEWALK
		CURB TOP BACK
		CURB FLOW LINE
		EDGE OF PAVEMENT
		WALL
		EDGE OF TREES
		FOUND 2" DIA. ALUMINUM CAP
T&E		TELECOMMUNICATIONS AND ELECTRIC.
ESMT.		EASEMENT
		CONTROL POINTS
		TREE CONIFEROUS
		TREE DECIDUOUS
		VALVE / KEYBOX
		FIREHYDRANT
		LIGHTPOLE
		COMUNICATION PEDESTAL
		TRAFIC BOX
		JUNCTION BOX
		TRANSFORMER
		SIGNAL POLE
		GAS METER
S	S	SEWER LINE
		SEWER MANHOLE
SD	SD	STORM DRAIN LINE
		STORM DRAIN MANHOLE
		CATCH BASIN (TOP or FIELD INLET)
		CATCH BASIN (SIDE INLET)
		CLEANOUT
		STORM DRAIN CULVERT
05'		MAJOR CONTOUR (5')
		MINOR CONTOUR (1')
		BOLLARD
		SIGN
TB-2		TEST BORING
		RETAINING WALL
F.F. = XXX.XX'	FF=XXXX.XX	BUILDING FINISH FLOOR
W	W	WATERLINE w/VALVE

SURVEY CONTROL NOTES

HORIZONTAL CONTROL
Coordinates are based on an assumed datum in U.S. Feet. Bearings are based on the West line of Lot 3A as shown on the Plat of TUDOR CENTRE, LOT 3A, BLOCK 2, filed as Plat No. 2000-29 in the Anchorage Recording District, Third Judicial District, State of Alaska.

VERTICAL CONTROL
Elevations are based on the Municipality of Anchorage Vertical Control Network in U.S. Feet. The Basis of Elevations is benchmark "GAAB 3500" having a value of 167.93 feet. The Datum is NGS 1972 ADJUST.

UTILITY NOTE
The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although he does certify that they are located as accurately as possible from information available.

SURVEY CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
701	50000.00	20000.00		ALCAP
702	49999.91	20371.62	188.01	ALMON
703	50359.69	20501.38	182.49	ALCAP
704	50316.06	20013.71		ALCAP
705	50290.16	20000.08		ALCAP

STATE OF ALASKA — 49TH — Stacey L. Fortenberry — LS-8714 — 4/19/08 — PROFESSIONAL LAND SURVEYOR

ABBREVIATIONS

ACP	–	ASPHALT CONCRETE PAVEMENT	ME	–	MATCH EXISTING
AWWU	–	ANCHORAGE WATER AND WASTEWATER UTILITY	MIN	–	MINIMUM
BOP	–	BOTTOM OF PIPE	NTS	–	NOT TO SCALE
C	–	CABLE	OH	–	OVERHEAD
CB	–	CATCH BASIN	PCPEP	–	PERFORATED CPEP
C&G	–	CURB & GUTTER	PSI	–	POUNDS PER SQUARE INCH
CIP	–	CAST IRON PIPE	R	–	RADIUS
CMP	–	CORRUGATED METAL PIPE	ROW	–	RIGHT-OF-WAY
CO	–	CLEAN OUT	S	–	SEWER
CONC	–	CONCRETE	SD	–	STORM DRAIN
CPP	–	CORRUGATED PLASTIC PIPE	SDCB	–	STORM DRAIN CATCH BASIN
CPEP	–	CORRUGATED POLYETHYLENE PIPE	SDCO	–	STORM DRAIN CLEANOUT
DIA	–	DIAMETER	SDMH	–	STORM DRAIN MANHOLE
DIP	–	DUCTILE IRON PIPE	SS	–	SANITARY SEWER
E	–	EASTING	SSCO	–	SANITARY SEWER CLEANOUT
ELEC	–	ELECTRIC	SW	–	SIDEWALK
ELEV	–	ELEVATION	T	–	TELEPHONE
EP	–	EDGE OF PAVEMENT	TB	–	TEST BORING
FF	–	FINISH FLOOR	TC	–	TOP BACK OF CURB
FL	–	FLOW LINE	TYP	–	TYPICAL
G	–	GAS	UG	–	UNDERGROUND
GR	–	GROUND	VB	–	VALVE BOX
GB	–	GRADE BREAK	W	–	WATER
GV	–	GATE VALVE	Ø	–	DIAMETER
INV	–	INVERT	TBW	–	TOP BACK WALL
LC	–	LEVELING COURSE	FG	–	FINISHED GRADE
MASS	–	MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS	ARFS	–	AS REQUIRED FOR SAFETY

BUILDING GRID INFORMATION

BUILDING GRID LAYOUT TABLE		
NORTHING	EASTING	DESCRIPTION
20603.5670	50151.3843	INTERSECTION OF GRIDS X.H & X–5
20691.6083	50086.2737	INTERSECTION OF GRIDS A & 3
20627.9766	50086.2332	INTERSECTION OF GRIDS H & 3
20527.5147	50233.5026	RADIUS POINT OF LOBBY/LENS CURVED GRID

GENERAL CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 1994 MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (MASS) AS CURRENTLY AMENDED AND WITH THE ANCHORAGE WATER & WASTEWATER UTILITY (AWWU) 2004 DESIGN AND CONSTRUCTION PRACTICES MANUAL (DCPM).

2. ALL DUCTILE IRON PIPE AND FITTINGS SHALL BE TIGHTLY WRAPPED WITH A LAYER OF POLYETHYLENE ENCASEMENT "BAGGIES" EIGHT (8) MILS THICK AS DEFINED IN MASS 50.13 AND 60.17 AND CONFORMING TO THE LATEST EDITIONS OF ANSI/AWWA A21.5/C105. THE POLYETHYLENE ENCASEMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE METHODS DESCRIBED IN THE LATEST EDITIONS OF ANSI/AWWA A21.5/C105 AND THE DUCTILE IRON PIPE RESEARCH ASSOCIATION'S "A GUIDE FOR THE INSTALLATION OF DUCTILE IRON PIPE."

3. THE FIELD SURVEY WAS PERFORMED BY DOWL ENGINEERS. CONTOUR INTERVAL = 1 FOOT.

4. ALL ROADWAY SURFACES ARE ASPHALT UNLESS OTHERWISE NOTED. LOCATIONS DEPICTED FOR THE UTILITIES AND OTHER EXISTING FEATURES ARE APPROXIMATE. SOME UTILITIES HAVE BEEN LOCATED FROM AS–BUILT DRAWING AND SOME FROM UTILITY COMPANY LOCATES. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING AND SHALL EXERCISE CAUTION DURING CONSTRUCTION.

5. LOCATION OF WATER UTILITY LINES IS APPROXIMATE. THEY ARE DRAWN FROM VALVE TO VALVE, USING AS BUILT INFORMATION, AND WERE NOT FIELD LOCATED.

6. A TITLE SEARCH WAS NOT PERFORMED, EASEMENTS OF RECORD OTHER THAN THOSE SHOWN ON THE RECORDED PLATS ARE NOT SHOWN HEREON.

7. VERITY INVERTS AND LOCATIONS OF ALL UTILITY CONNECTIONS POINTS PRIOR TO INSTALLING PIPE. REPORT DISCREPANCIES FROM PLANS IMMEDIATELY TO ENGINEER.

8. THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWINGS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES CONTRACTOR SHALL CONDUCT WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTIES. AT A MINIMUM THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT–OF–WAY WITHIN 24 HOURS OF THE TRACKING TO MINIMIZE THE WASH OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.

BEFORE YOU DIG CALL FOR FREE UNDERGROUND LOCATION

Locate Call Center of Alaska
Anchorage Area.....278–3121
Statewide.....800–478–3121
who will notify subscribed utilities only.
Other utilities need to be contacted individually.

PROJECT: P:\PROJECTS\05959\DESIGN DRAWING NAME: 03-PCC3.DWG SCRIPT FILE FOR THIS SHEET: SITE PLOTTED: APR 18 2008 09:11:17 (RL) DOWL FILE No: 232-31

STATE OF ALASKA — 49TH — Fred G. Doggett — CE-10365 — 4/13/08 — REGISTERED PROFESSIONAL ENGINEER

hga architects — architecture planning interior design design-build — 425 G Street, Suite 600 - Anchorage, Alaska 99501 — P 907.274.3443 F 907.276.2631 www.hgaarchitects.com

nbbj — 223 Yale Avenue North Seattle, Washington 98109 (206) 223-5555 Fax (206) 621-2300

DOWL ENGINEERS — 4041 B STREET ANCHORAGE, ALASKA 99503

NEESER CONSTRUCTION, INC. — 2501 Blueberry Road Anchorage, Alaska 99503 Office (907) 278-1058 Fax (907) 278-3533

South Central Foundation PCC III Clinic
Anchorage, Alaska

REVISIONS
1. COMFORMED SET 4/21/08
2. MOA REVIEW RESPONSE 4/21/08

JOB NO.	D0599
DATE	3/3/2008
DRAWN	RDL
REVIEWED	BSD

M.O.A. PERMIT SET 03-03-2008

NOTES, LEGEND, & ABBREVIATIONS

SHEET NO.
C1.0

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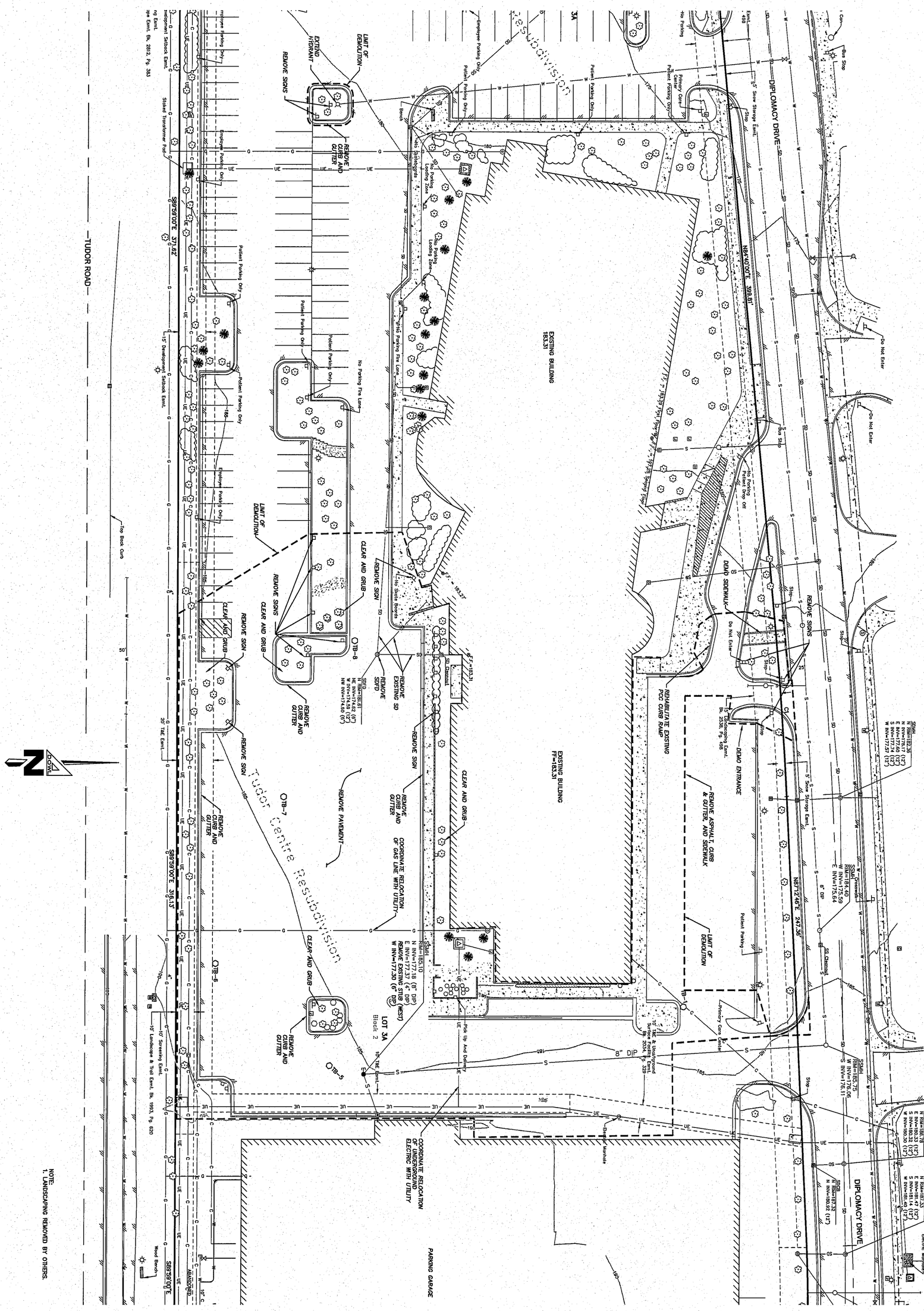

NOTE:
1. LANDSCAPING REMOVED BY OTHERS.

M.O.A. PERMIT SET 03-03-2008

SHEET NO. C2.0	DEMOLITION PLAN	JOB NO. 059599	REVISIONS ⚠ CONFORMED SET 4/21/08	South Central Foundation PCC III Clinic Anchorage, Alaska	NEESER CONSTRUCTION, INC. 2501 Blueberry Road Anchorage, Alaska 99503 Office (907) 276-1058 Fax (907) 276-8533	DOWL ENGINEERS 4041 B STREET ANCHORAGE, ALASKA 99503	nbbj 223 Yale Avenue North Seattle, Washington 98109 (206) 223-5555 Fax (206) 621-2300

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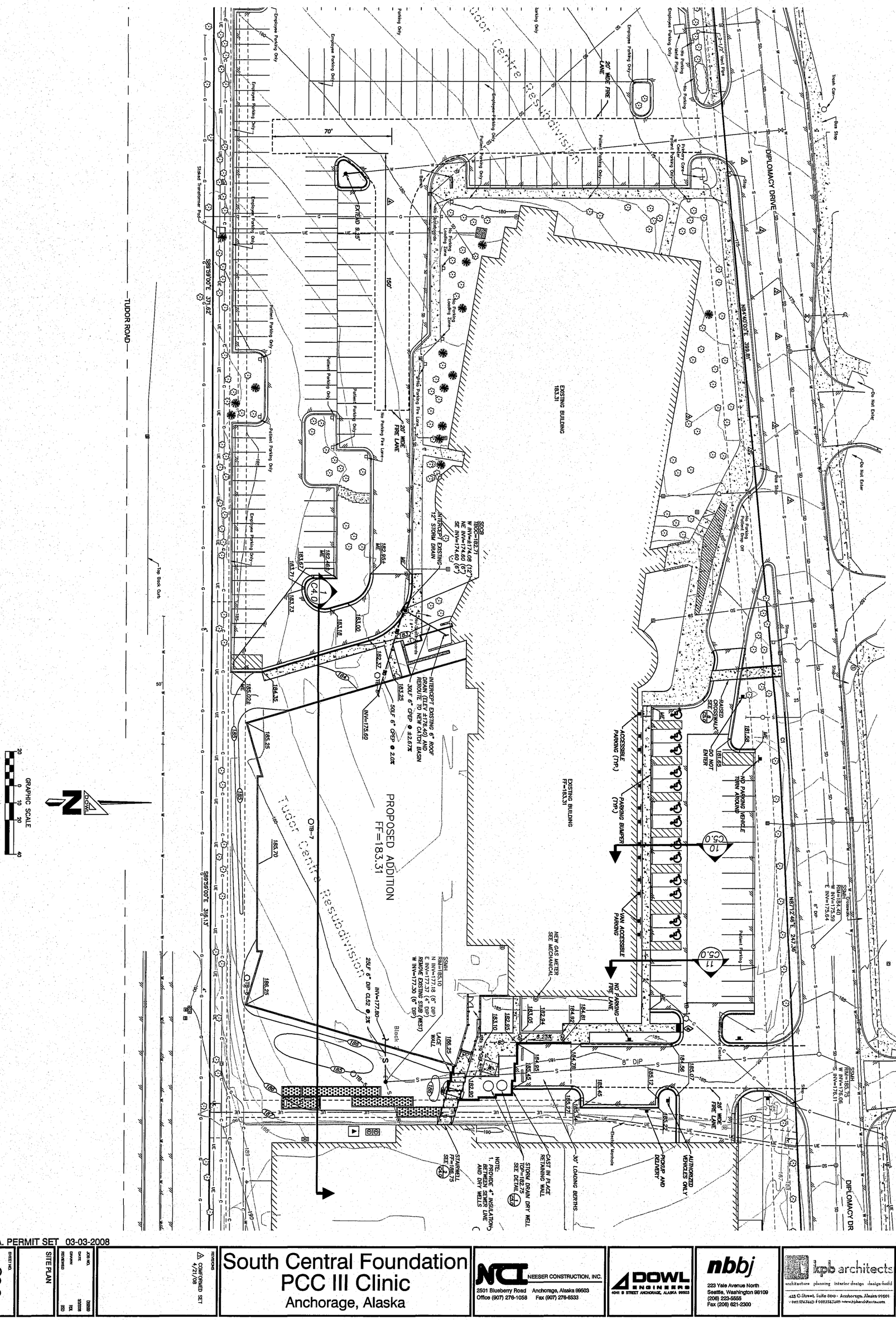
STATE OF ALASKA — REGISTERED ARCHITECT — JAMES R. KOLKHORST — 4-21-08

PROJECT: P:\PROJECTS\D59599\DESIGN DRAWING NAME: DSI-PCC3.DWG SCRIPT FILE FOR THIS SHEET: SITE PLOTTED: APR 18 2008 10:12:13 (RL) DOWL File No: 232-31



M.O.A. PERMIT SET 03-03-2008

SHEET NO. C3.0	SITE PLAN	JOB NO. D59599	REVISIONS △ CONFORMED SET 4/21/08	South Central Foundation PCC III Clinic Anchorage, Alaska	NEESER CONSTRUCTION, INC. 2501 Blueberry Road Anchorage, Alaska 99503 Office (907) 276-1058 Fax (907) 276-8533	DOWL ENGINEERS 4041 B STREET ANCHORAGE, ALASKA 99503	nbbj 223 Yale Avenue North Seattle, Washington 98109 (206) 223-5555 Fax (206) 621-2300

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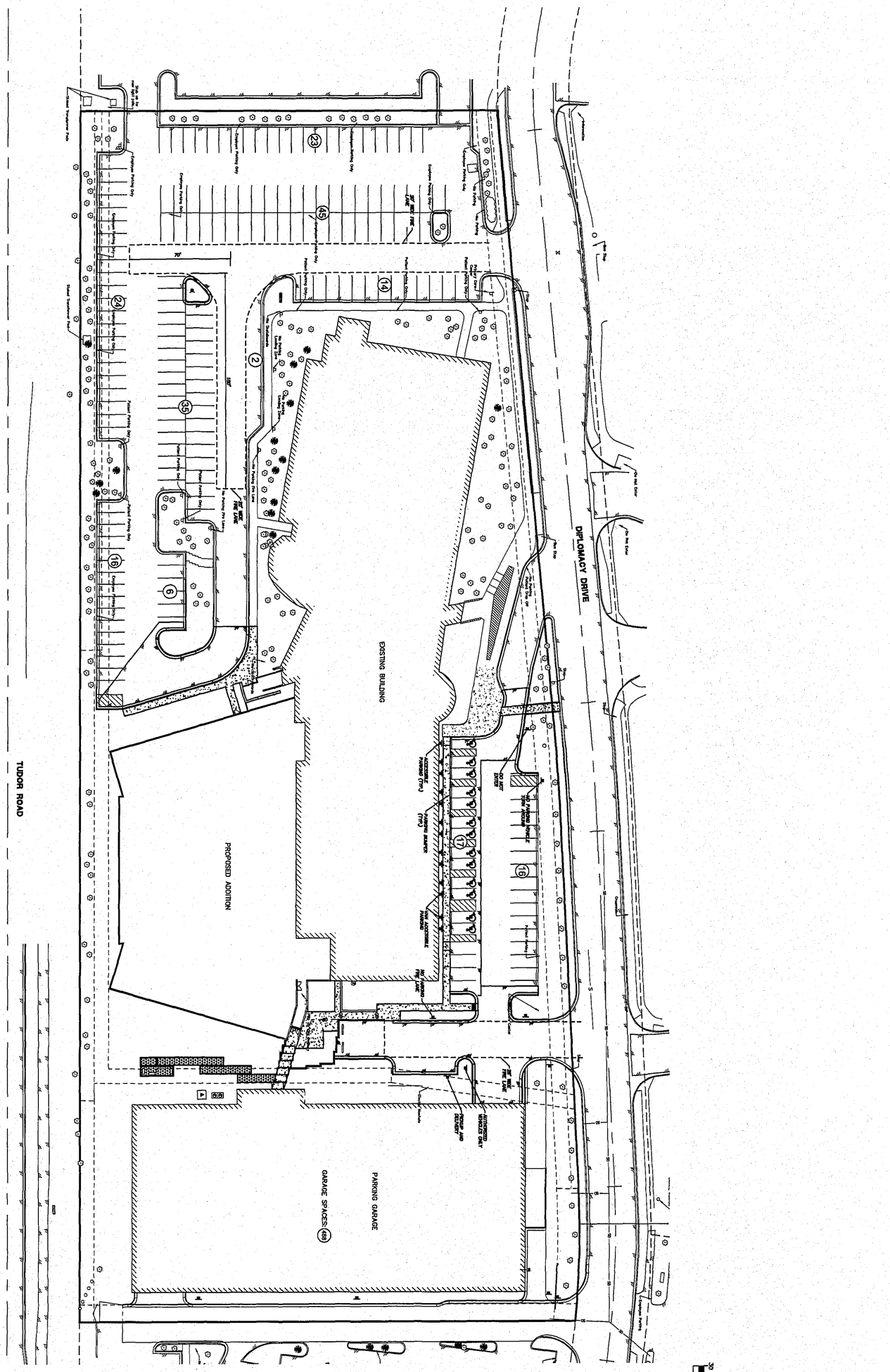
STATE OF ALASKA — REGISTERED ARCHITECT — 4/19/08

PROJECT: P:\PROJECTS\D59599\DESIGN DRAWING NAME: DSI-PCC3.DWG SCRIPT FILE FOR THIS SHEET: SITE PLOTTED: APR 18 2008 10:12:13 (RL) DOWL FILE No: 232-31



M.O.A. PERMIT SET 03-03-2008

SHEET NO. C3.0A

OVERALL SITE PLAN

JOB NO. D59599
DATE 3/31/2008
DRAWN RDL
REVIEWED RDL

REVISIONS
COMFORMED SET 4/21/08
MOA REVIEW RESPONSE 4/21/08

South Central Foundation
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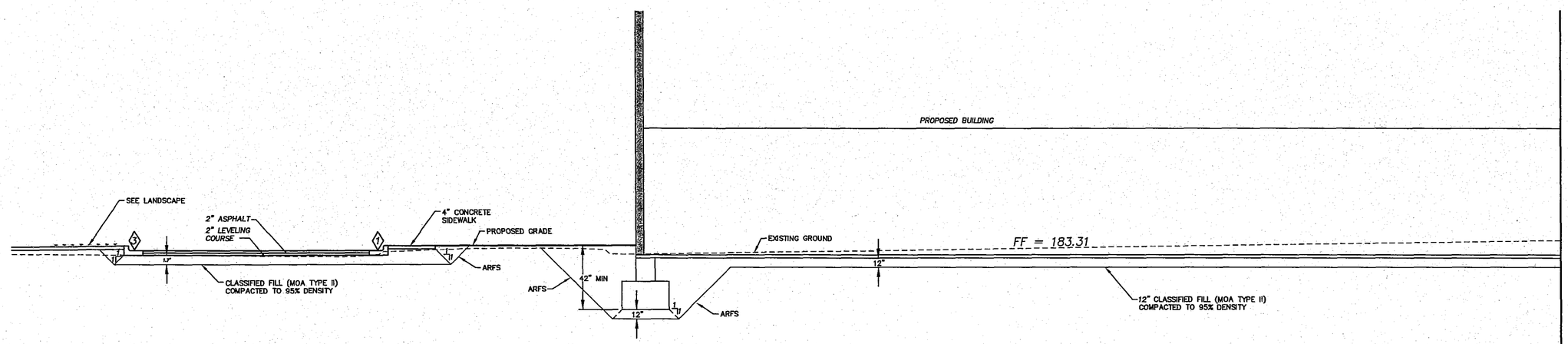
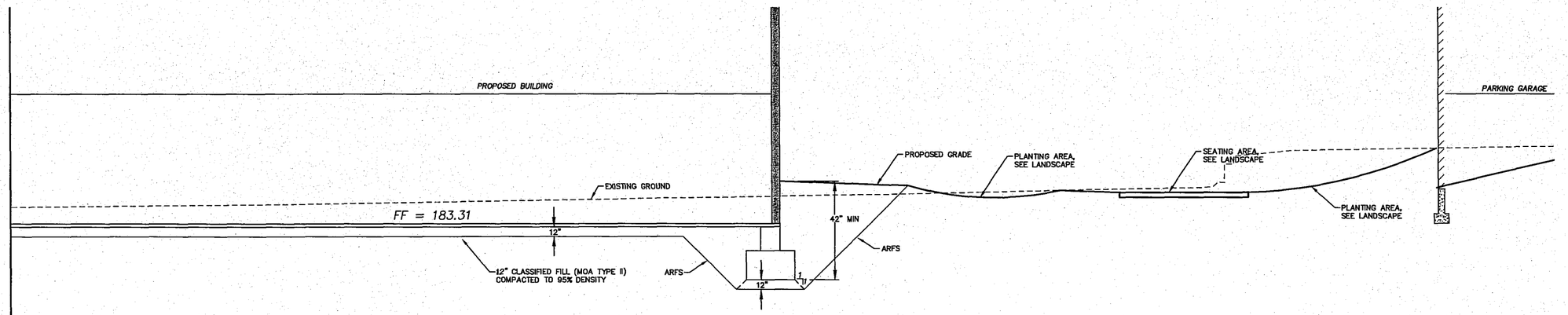
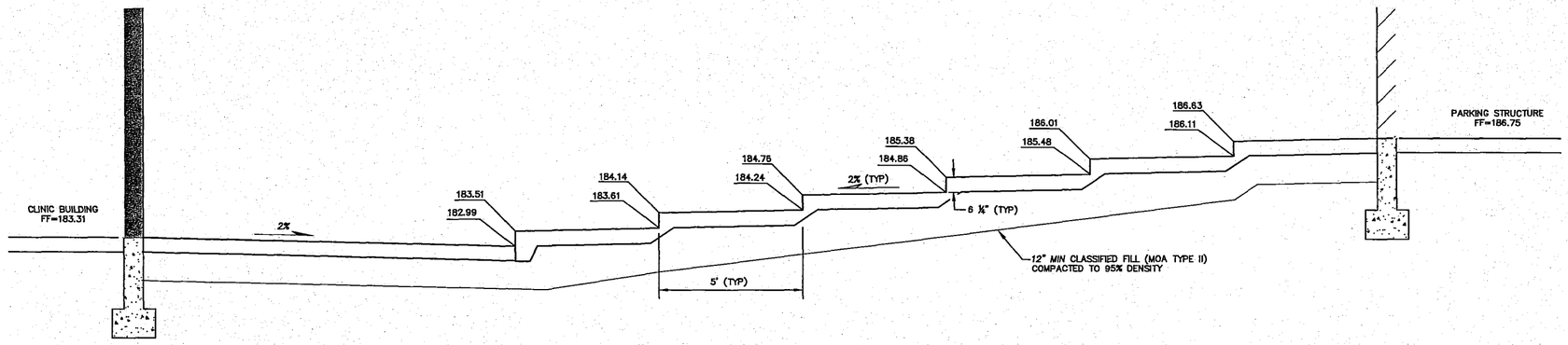
STATE OF ALASKA
RICHARD D. LEASURE
CERTIFICATE NO. 9492
REGISTERED ARCHITECT
04/18/08





1 C4.0 **CROSS SECTION**
NTS



2 C4.0 **STAIR SECTION**
NTS

NOTE: FILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12"

PROJECT: P:\PROJECTS\D0959\DESIGN DRAWING NAME: DSI-PCCCLOWG SCRIPT FILE FOR THIS SHEET: SITE PLOTTED: APR 18 2008 10:12:13 (RL) DOWL FILE No: 232-31

STATE OF ALASKA 49TH Brad S. Bowers CE-10360 4/13/08 REGISTERED PROFESSIONAL ENGINEER

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South Central Foundation PCC III Clinic
Anchorage, Alaska

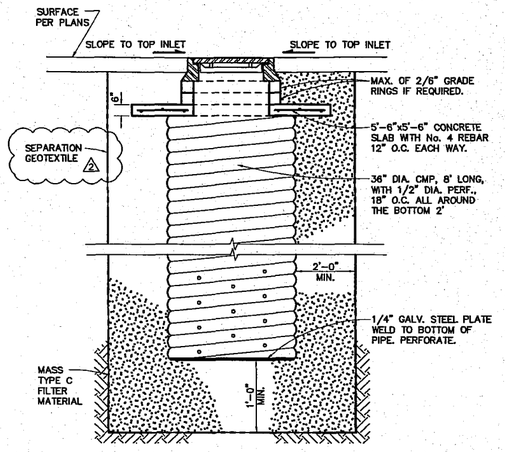
REVISIONS
1 COMFORMED SET 4/21/08

JOB NO.	D0959
DATE	3/3/2008
DRAWN	RDL
REVIEWED	BSO

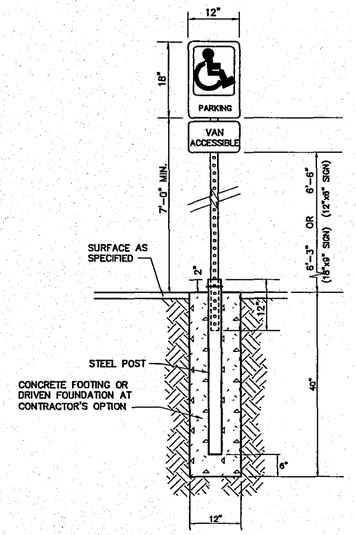
M.O.A. PERMIT SET 03-03-2008

CROSS SECTIONS

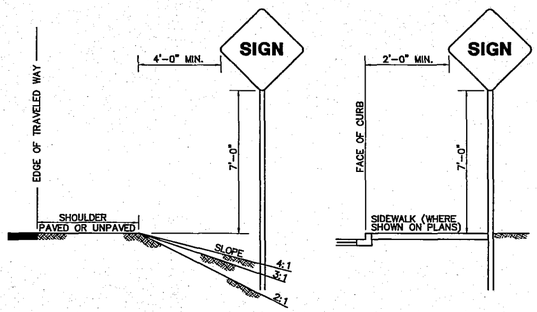
SHEET NO.
C4.0



1 C5.0 DRYWELL DETAIL
NTS



2 C5.0 *HANDICAP PARKING SIGN DETAIL*
NTS



3 C5.0 SIGN LOCATION DETAIL
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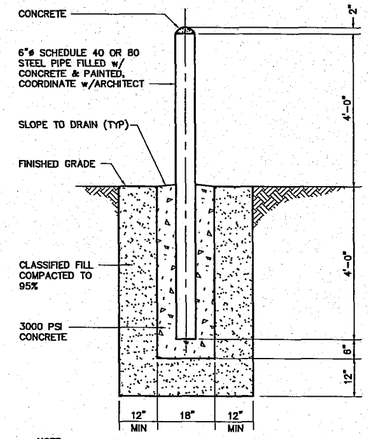
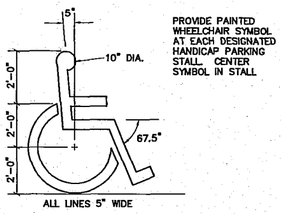
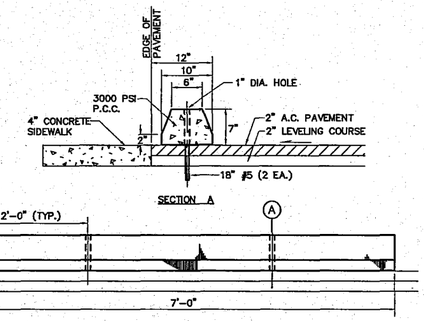


NOTE:
POSTS SHALL BE PRIMED AND RECEIVE TWO COATS MINIMUM OF PAINT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE COLOR WITH ARCHITECT.

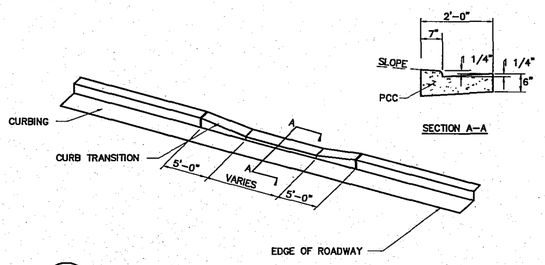
4 C5.0 CONCRETE BOLLARD DETAIL
NTS



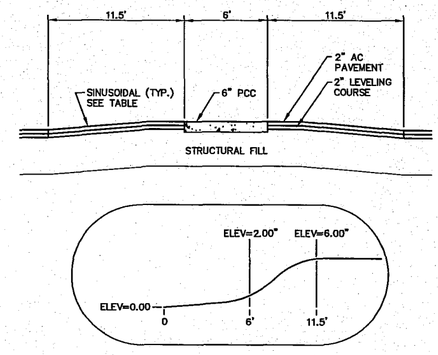
5 C5.0 WHEELCHAIR SYMBOL DETAIL
NTS



6 C5.0 BUMPER DETAIL
NTS



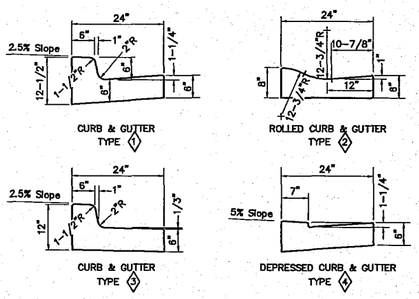
7 C5.0 CURB CUT DETAIL
NTS



SINUSOIDAL SPEED HUMP DEVELOPMENT

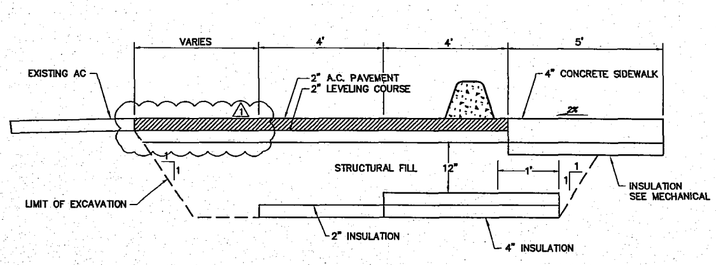
DISTANCE (ft)	0.00	0.82	1.64	2.46	3.28	4.1	4.92	5.74	6.56	7.38	8.2	9.02	9.84	10.66	11.50
FINISHED HEIGHT (in)	0.00	0.08	0.24	0.52	0.94	1.42	1.96	2.52	3.14	3.78	4.34	4.88	5.36	5.74	6.00

8 C5.0 RAISED CROSSWALK DETAIL
NTS

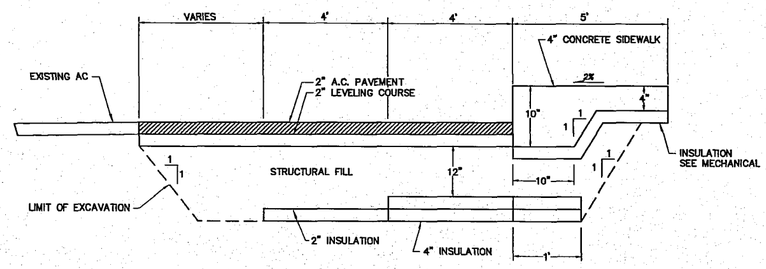


NOTE:
BOTH FRONT AND BACK EDGES OF THE CURB & GUTTER SHALL BE TROWELED TO A RADIUS OF ONE-HALF (1/2) INCH.

9 C5.0 CURB DETAIL
NTS



10 C5.0 HEATED SIDEWALK AT HANDICAPPED PARKING
NTS



11 C5.0 HEATED SIDEWALK AT PARKING LOT
NTS

STATE OF ALASKA
REGISTERED PROFESSIONAL ENGINEER
Brad S. Dagnitt
PE-10360
4/18/08

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REVISIONS
1. COMFORMED SET 4/21/08
2. MOA REVIEW RESPONSE 4/21/08

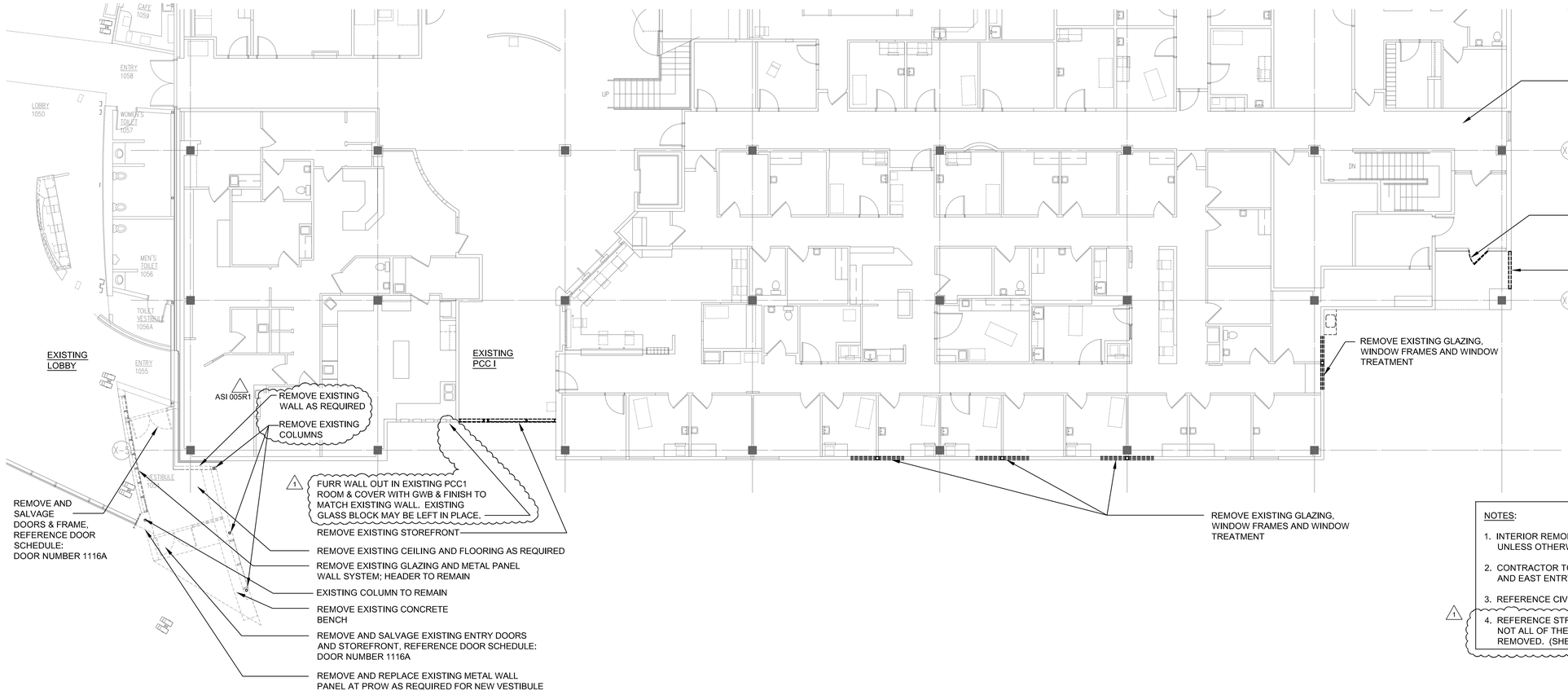
JOB NO.	D5959
DATE	3/3/2008
DRAWN	RDL
REVIEWED	BSD

M.O.A. PERMIT SET 03-03-2008

DETAILS

SHEET NO.
C5.0

PROJECT: P:\PROJECTS\D5959\DESIGN DRAWING NAME: D5959PCC3.DWG SCRIPT FILE FOR THIS SHEET: SITE PLOTTED: APR 18 2008 10:12:13 (RL) DOWL FILE No: 2232-31

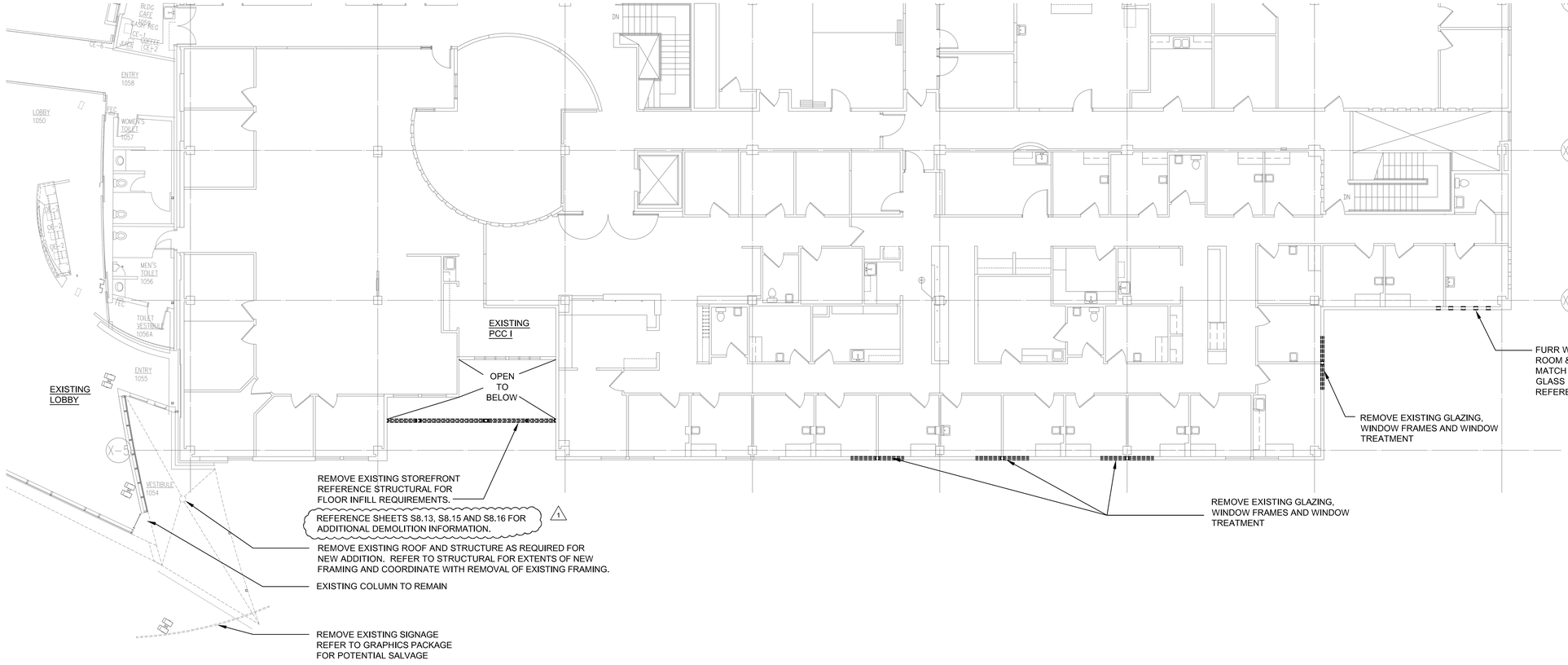


1 FLOOR DEMO PLAN - LEVEL 1 PCC1
1/8" = 1'-0"

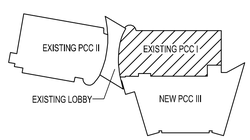
NOTES:

1. INTERIOR REMODEL TO PCC I, PCC II OR EXISTING LOBBY, UNLESS OTHERWISE NOTED, IS NOT INCLUDED IN THE SCOPE.
2. CONTRACTOR TO PROVIDE ALTERNATE MEANS OF EGRESS AT SOUTH AND EAST ENTRY TO LOBBY DURING CONSTRUCTION.
3. REFERENCE CIVIL FOR ADDITIONAL SITE DEMO SCOPE AND COORDINATION.
4. REFERENCE STRUCTURAL FOR EXTENTS OF FOUNDATION DEMOLITION. NOT ALL OF THE FOUNDATIONS NEED TO BE FULLY DEMOLISHED AND REMOVED. (SHEETS S8.13, S8.15 AND S8.16)

NORTH



2 FLOOR DEMO PLAN - LEVEL 2 PCC1
1/8" = 1'-0"



KEY PLAN
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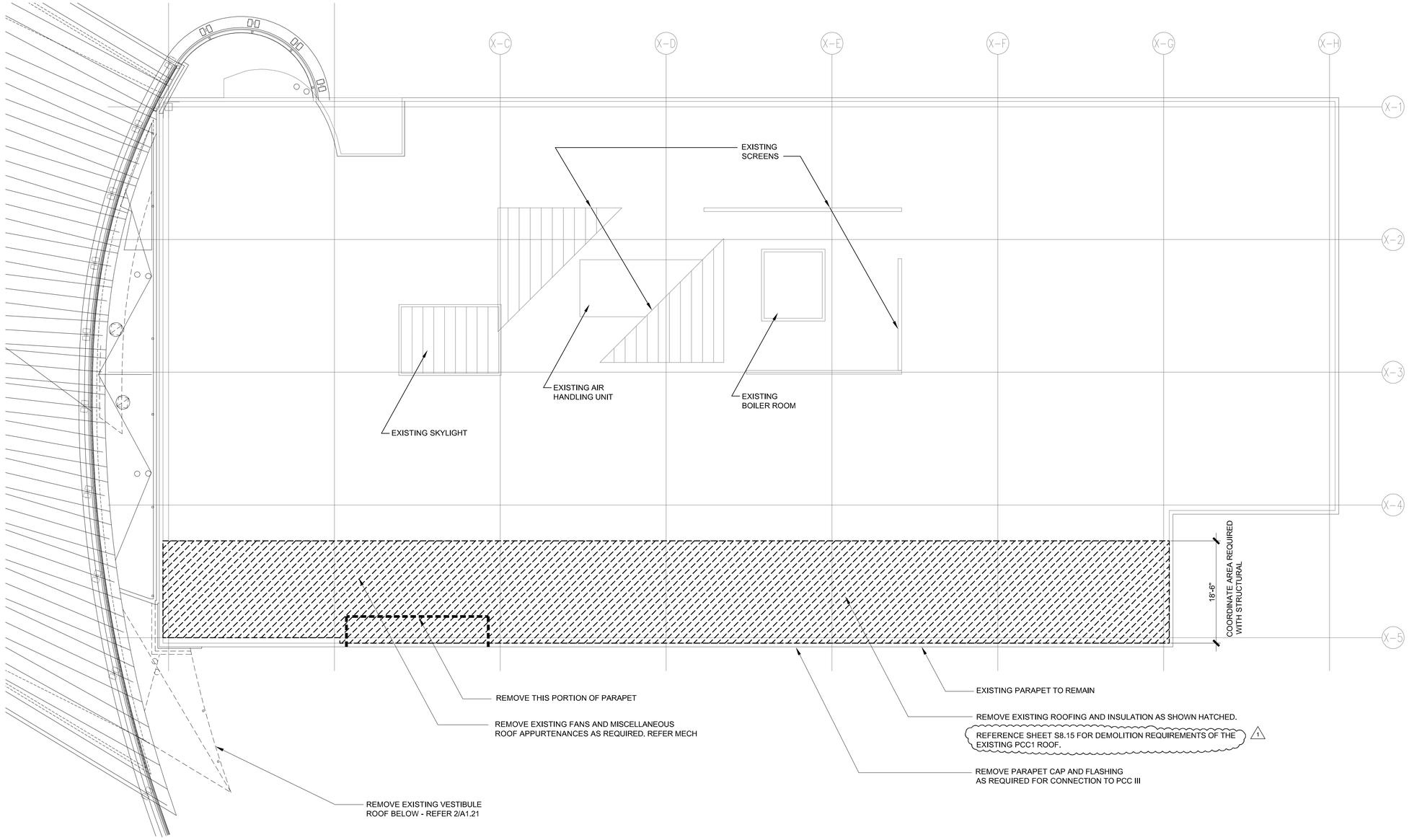
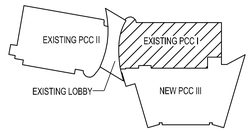
PCCI - FLOOR DEMOLITION

SHEET NO.
A1.21
A1.21 PCCI - FLOOR DEMOLITION.DWG



1 ROOF DEMO PLAN - PCC1
1/8" = 1'-0"



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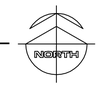
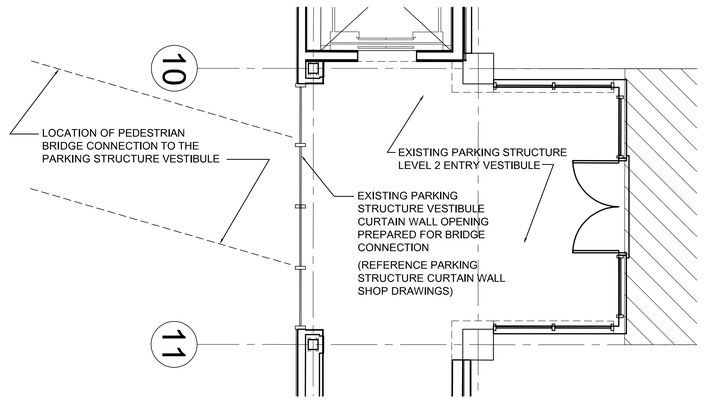
N.T.S.





2 PARTIAL PLAN - LEVEL 2 PARKING STRUCTURE VESTIBULE
1/4"=1'-0"

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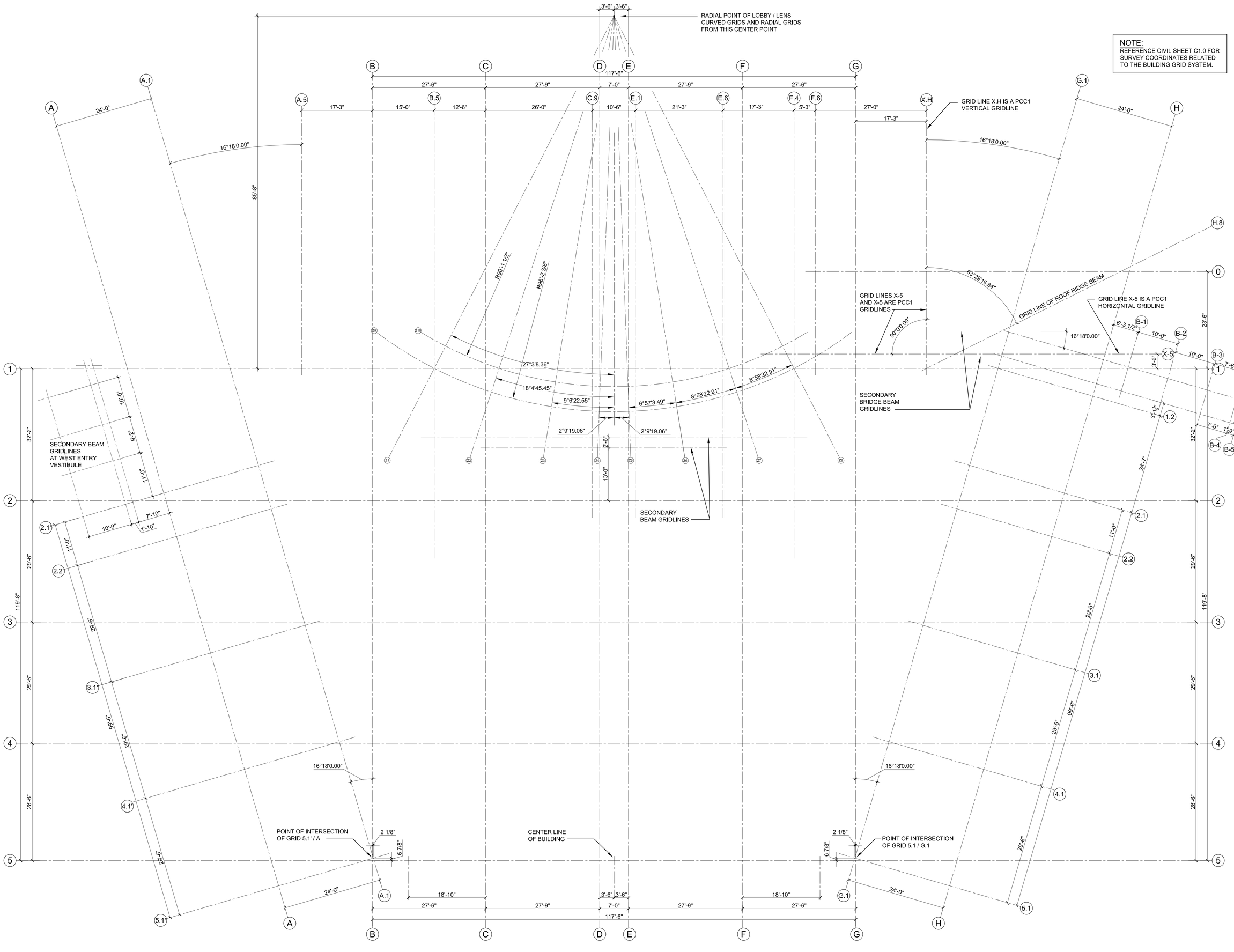
PCCI - ROOF DEMOLITION

SHEET NO.
A1.22
A1.22 PCCI - ROOF DEMOLITION.DWG



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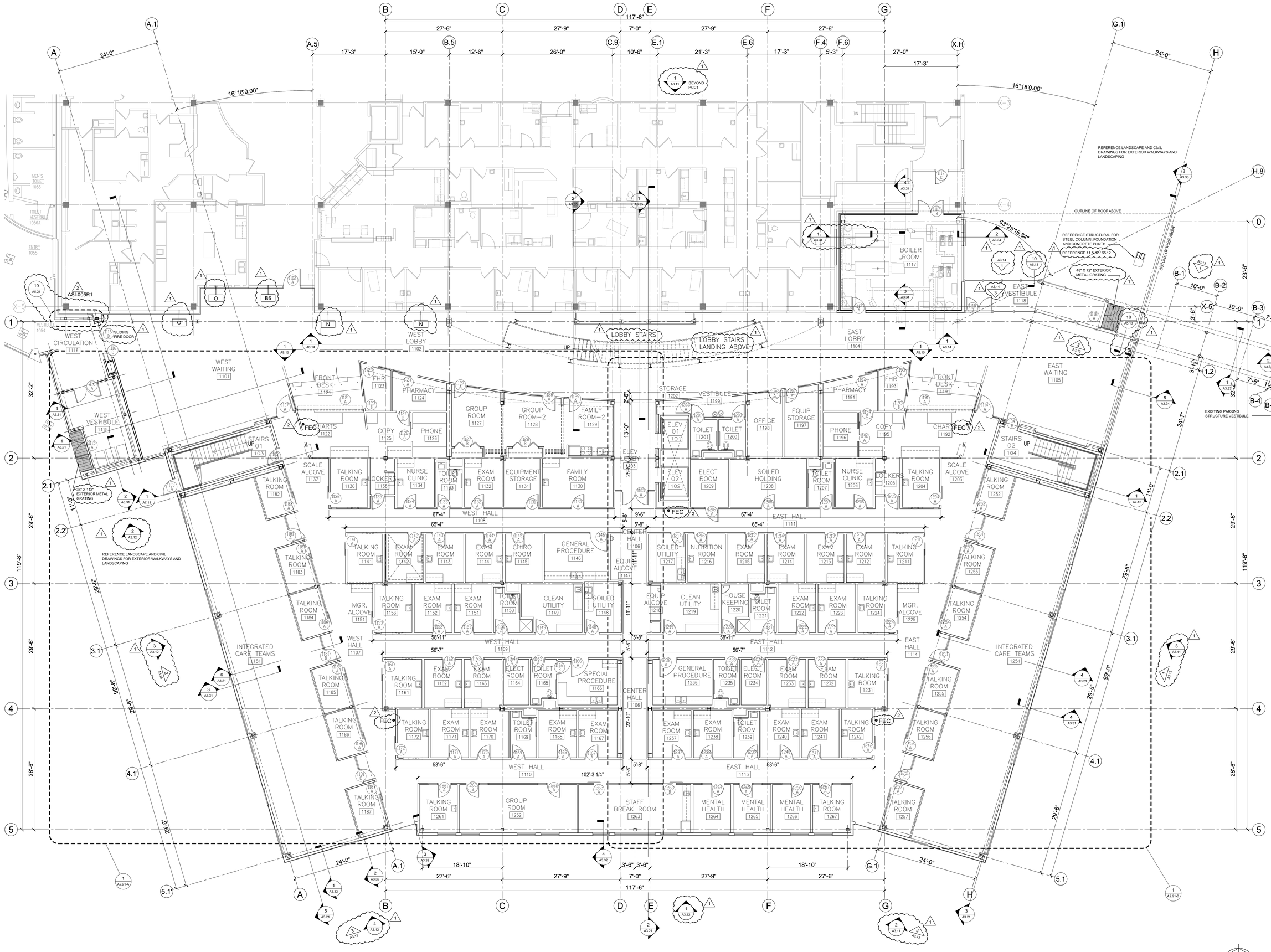
OVERALL GRID LAYOUT DIMENSIONS

SHEET NO.
A2.10

A2.10 OVERALL GRID LAYOUT DIMENSIONS.DWG



1 OVERALL FLOOR PLAN - LEVEL 1
1/8" = 1'-0"

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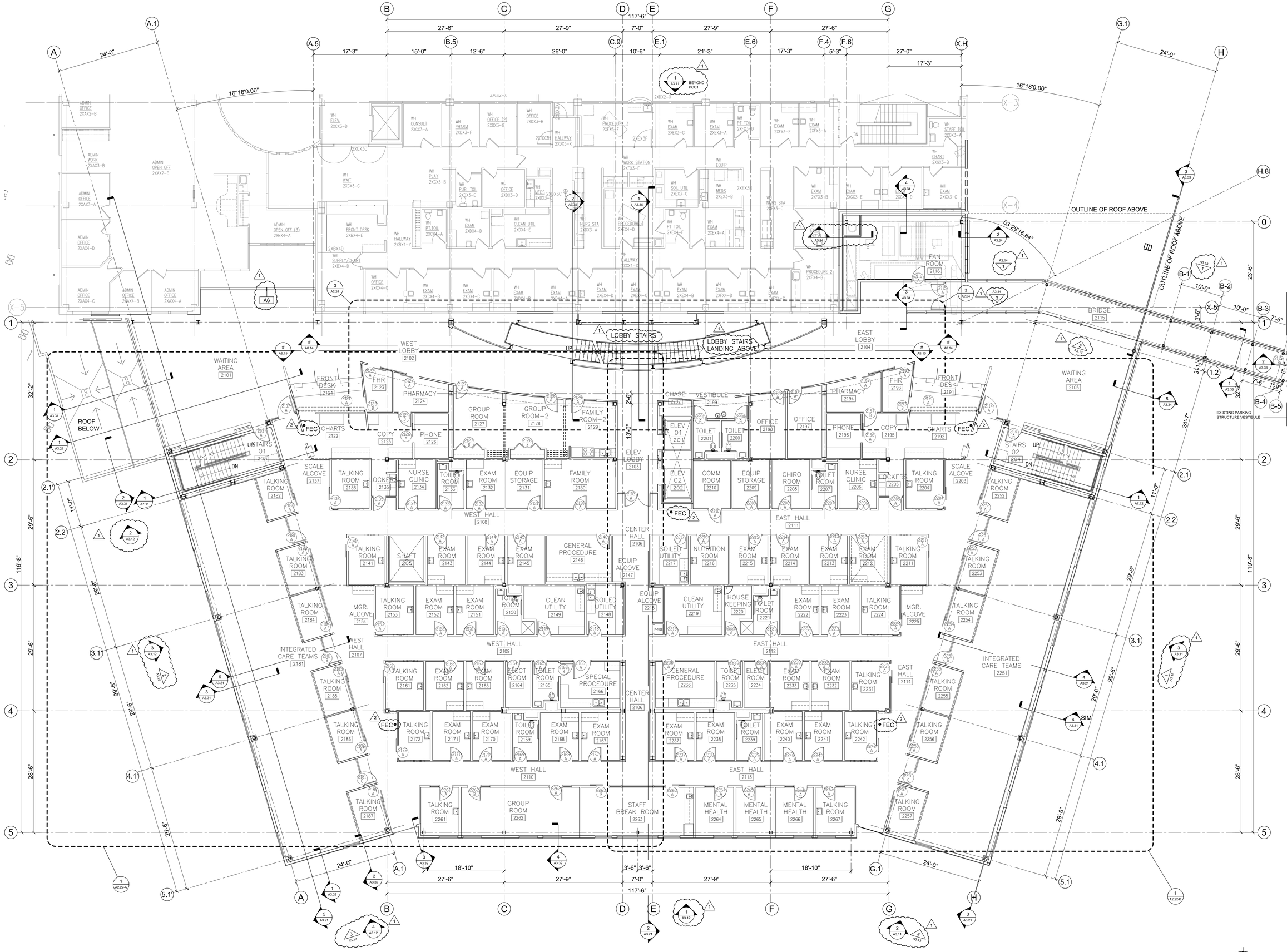
OVERALL FLOOR PLAN - LEVEL 1

SHEET NO.
A2.11

A2.11 OVERALL FLOOR PLAN - LEVEL 1.DWG



1 OVERALL FLOOR PLAN - LEVEL 2
1/8" = 1'-0"

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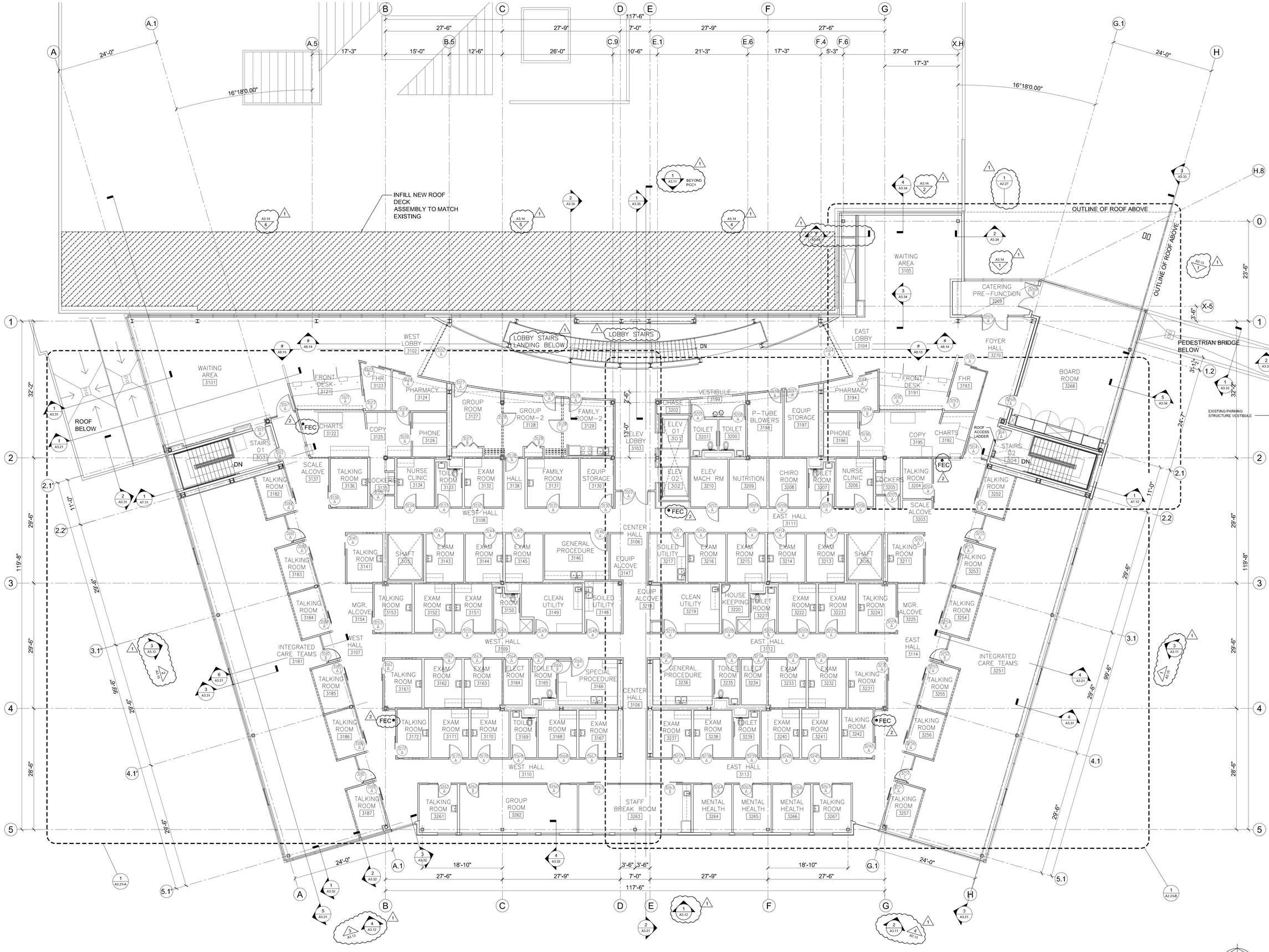
OVERALL FLOOR PLAN - LEVEL 2

SHEET NO.
A2.12

A2.12 OVERALL FLOOR PLAN = LEVEL 2.DWG



1 OVERALL FLOOR PLAN - LEVEL 3
1/8" = 1'-0"

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OVERALL FLOOR PLAN - LEVEL 3

SHEET NO. A2.13

A2.13 OVERALL FLOOR PLAN - LEVEL 3.DWG

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OVERALL ROOF PLAN

SHEET NO. A2.14
A2.14 OVERALL ROOF PLAN.DWG

OVERALL ROOF PLAN
1/8" = 1'-0"

1 ENLARGED FLOOR PLAN - LEVEL 1 WEST
1/4" = 1'-0"

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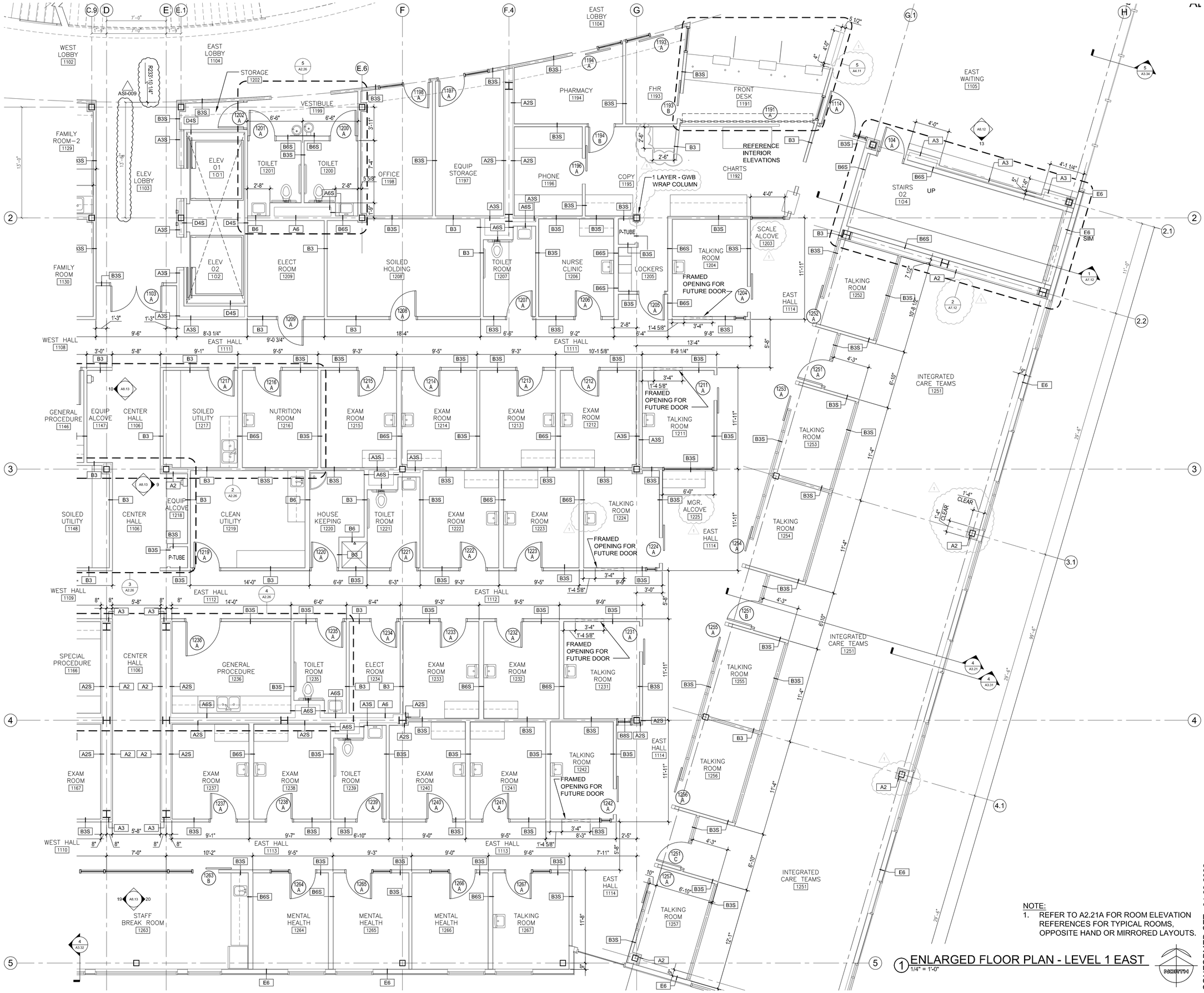
ENLARGED FLOOR PLAN - LEVEL 1 WEST

SHEET NO.
A2.21-A

A2.21-A ENLARGED FLOOR PLANS – LEVEL 1 WEST.DWG



NOTE:
1. REFER TO A2.21A FOR ROOM ELEVATION REFERENCES FOR TYPICAL ROOMS, OPPOSITE HAND OR MIRRORED LAYOUTS.

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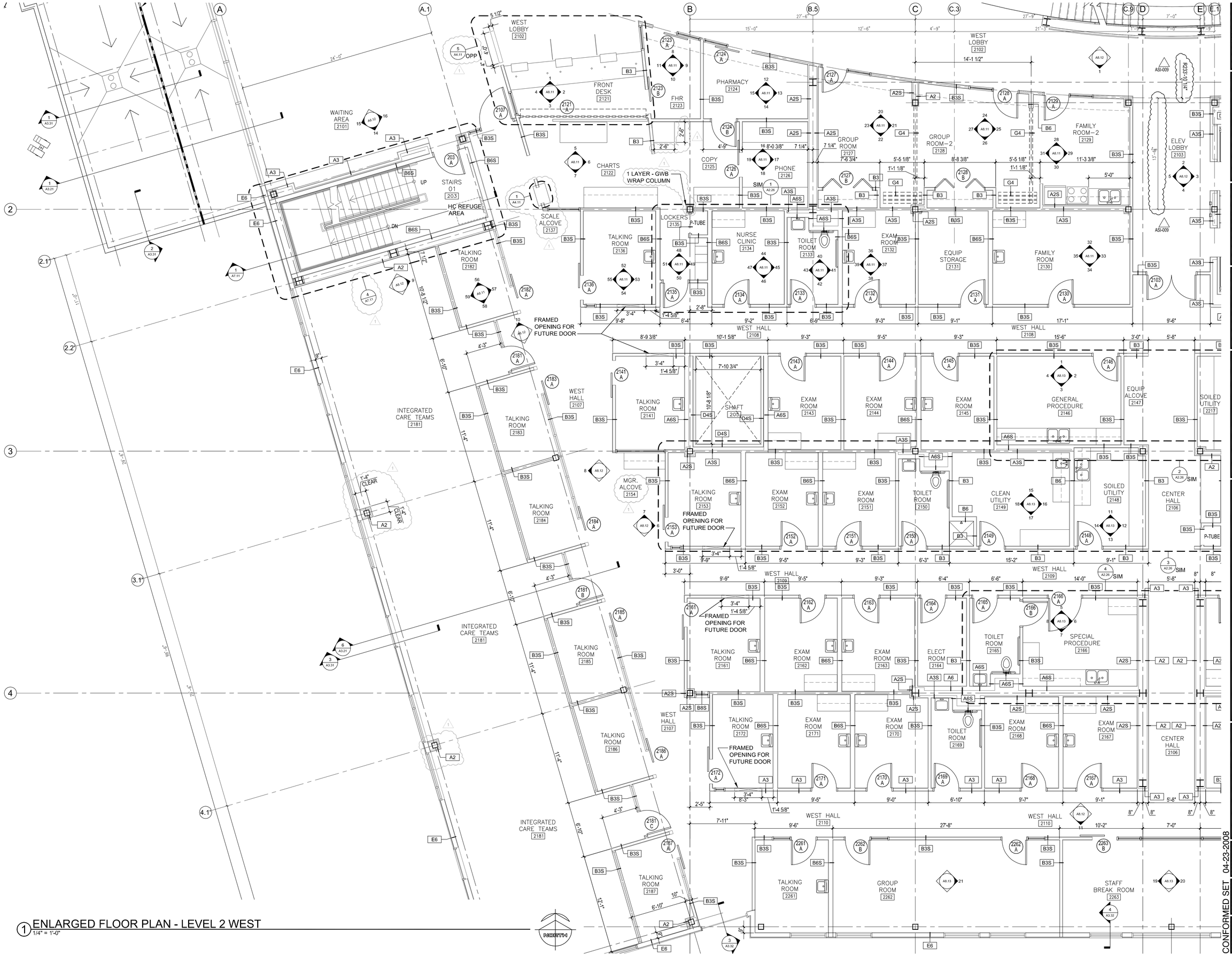
ENLARGED FLOOR PLAN - LEVEL 1 EAST

SHEET NO.
A2.21-B
A2.21–B ENLARGED FLOOR PLAN – LEVEL 1 EAST.DWG



1 ENLARGED FLOOR PLAN - LEVEL 2 WEST
1/4" = 1'-0"

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ENLARGED FLOOR PLAN - LEVEL 2 WEST

SHEET NO.
A2.22-A
A2.22-A ENLARGED FLOOR PLAN - LEVEL 2 WEST ZONE

1 ENLARGED FLOOR PLAN - LEVEL 2 EAST
1/4" = 1'-0"

NOTE:
1. REFER TO A2.22A FOR ROOM ELEVATION REFERENCES FOR TYPICAL ROOMS, OPPOSITE HAND OR MIRRORED LAYOUTS.

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ENLARGED FLOOR PLAN - LEVEL 2 EAST

SHEET NO.
A2.22-B

A2.22-B ENLARGED FLOOR PLAN – LEVEL 2 EAST.DWG

1 ENLARGED FLOOR PLAN - LEVEL 3 WEST
1/4" = 1'-0"

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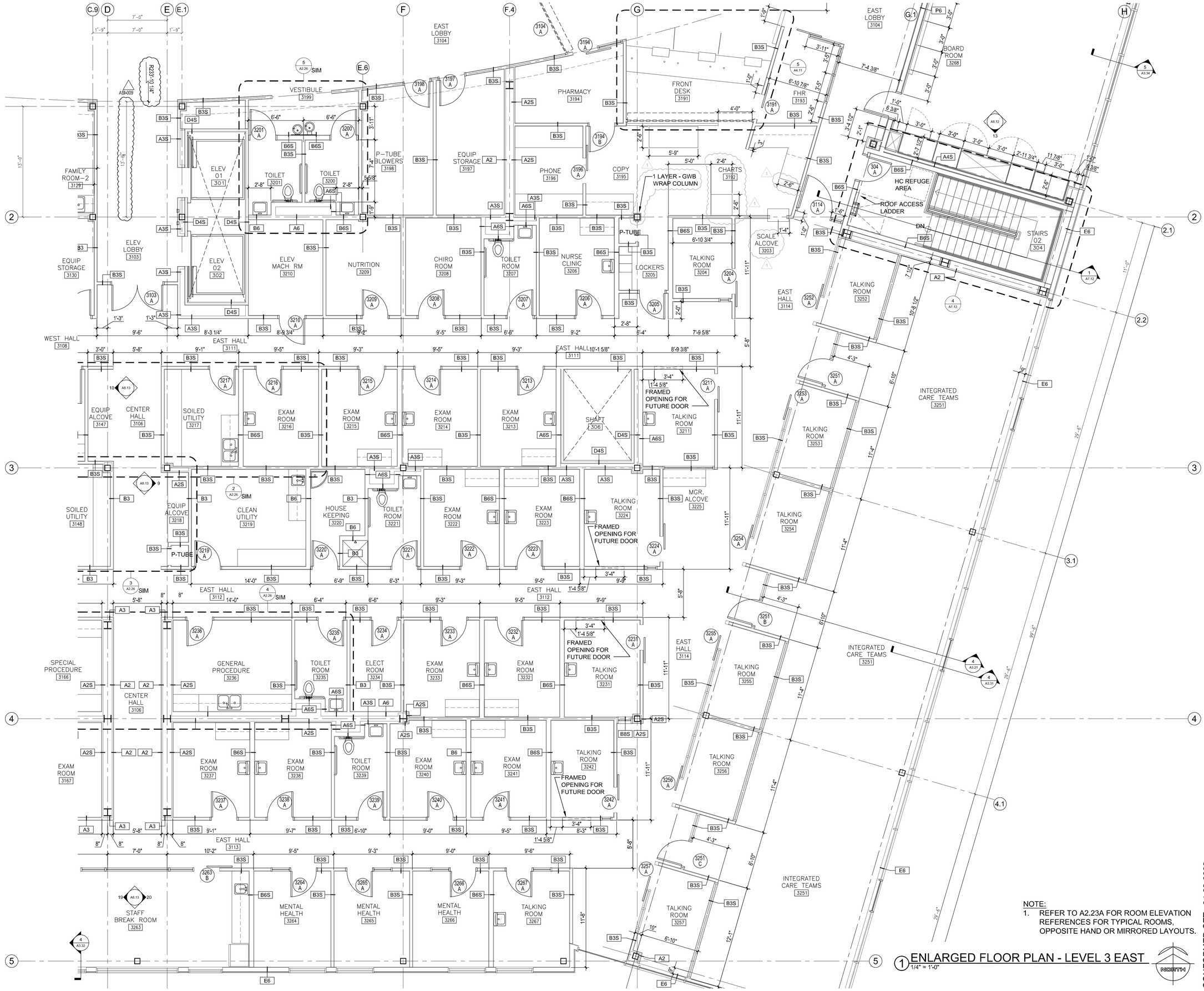
ENLARGED FLOOR PLAN - LEVEL 3 WEST

SHEET NO.
A2.23-A
A2.23-A ENLARGED FLOOR PLAN – LEVEL 3 WEST.DWG



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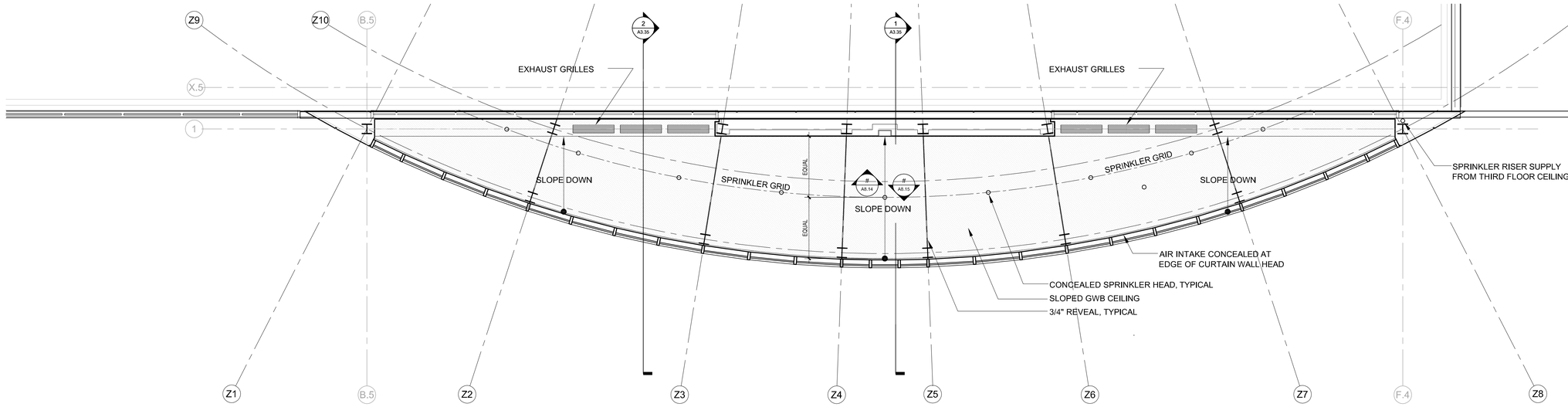
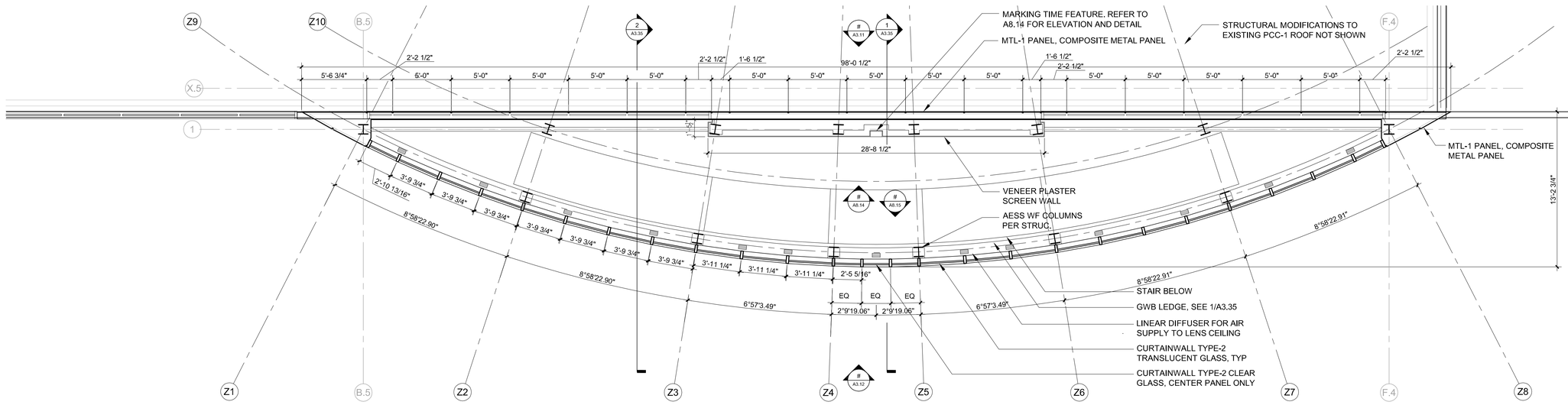
ENLARGED FLOOR PLAN - LEVEL 3 EAST

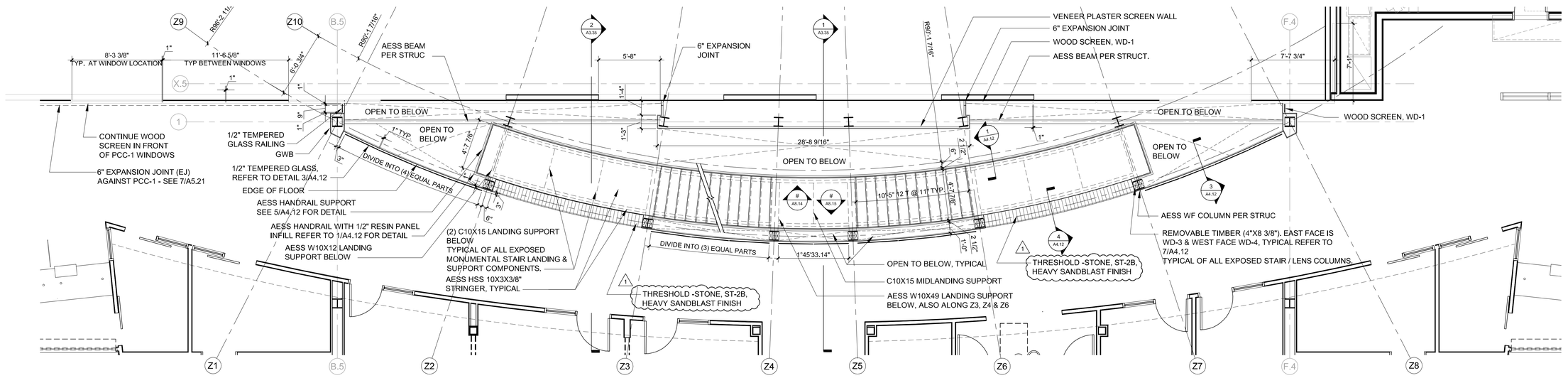
SHEET NO.
A2.23-B
A2.23-B ENLARGED FLOOR PLAN – LEVEL 3 EAST.DWG



1 ENLARGED CEILING PLAN - LENS
1/4" = 1'-0"



2 ENLARGED FLOOR PLAN - LENS CLERESTORY
1/4" = 1'-0"



3 ENLARGED FLOOR PLAN - LENS @ LEVEL 2
1/4" = 1'-0"

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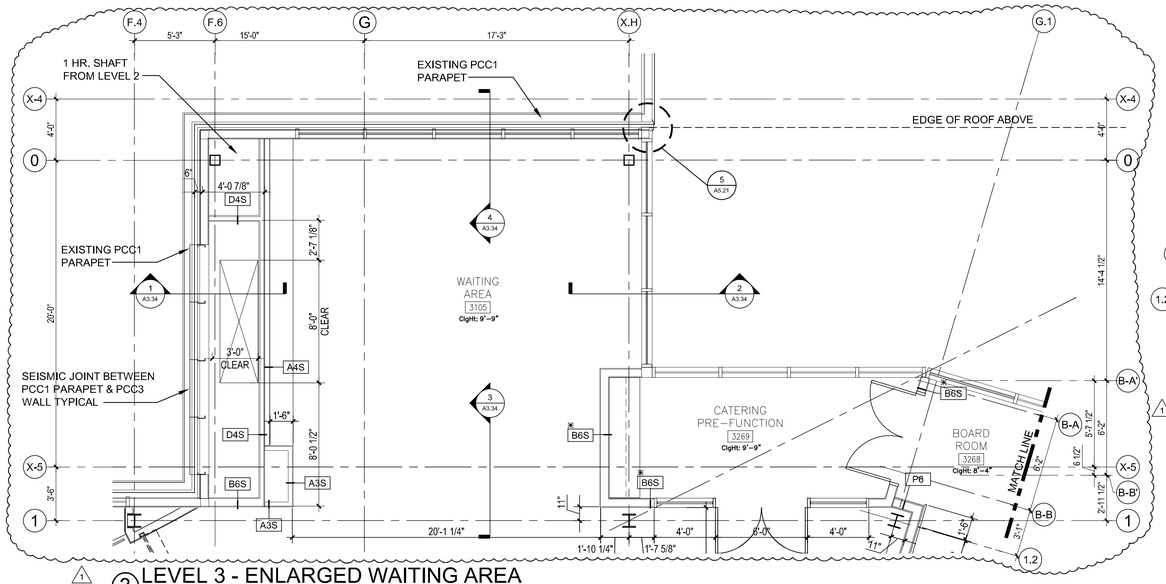
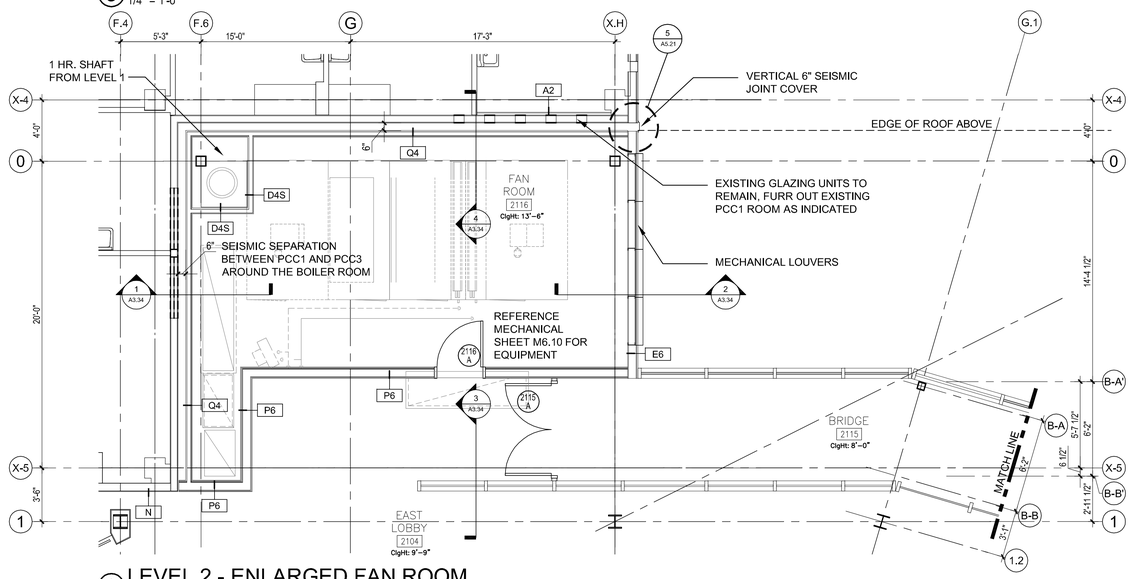
ENLARGED LOBBY PLAN & CEILING PLAN

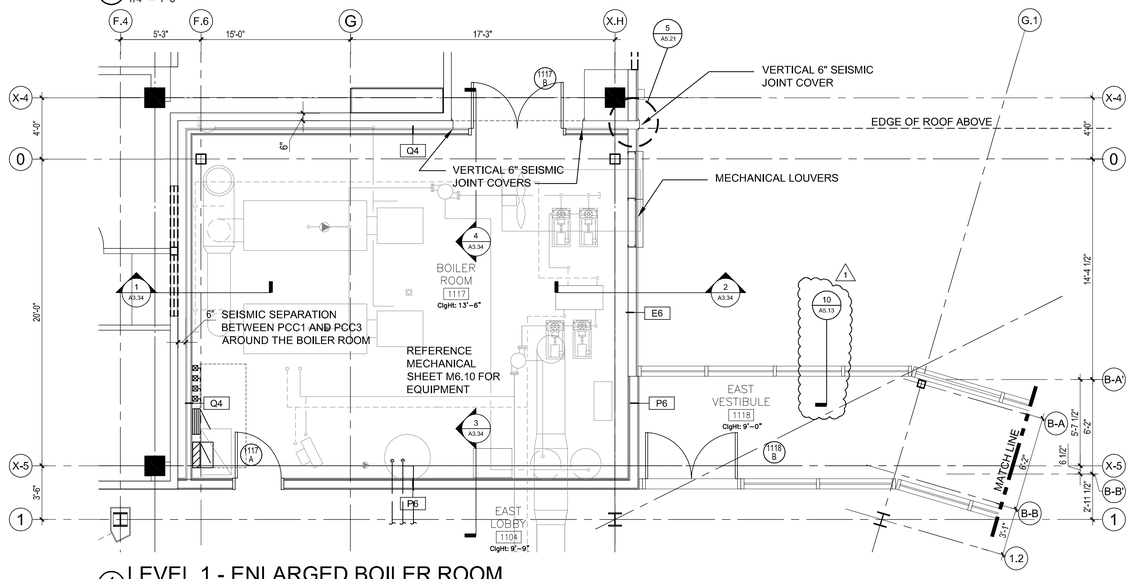
SHEET NO.
A2.24
A2.24 ENLARGED LOBBY PLAN & CEILING PLAN.DWG



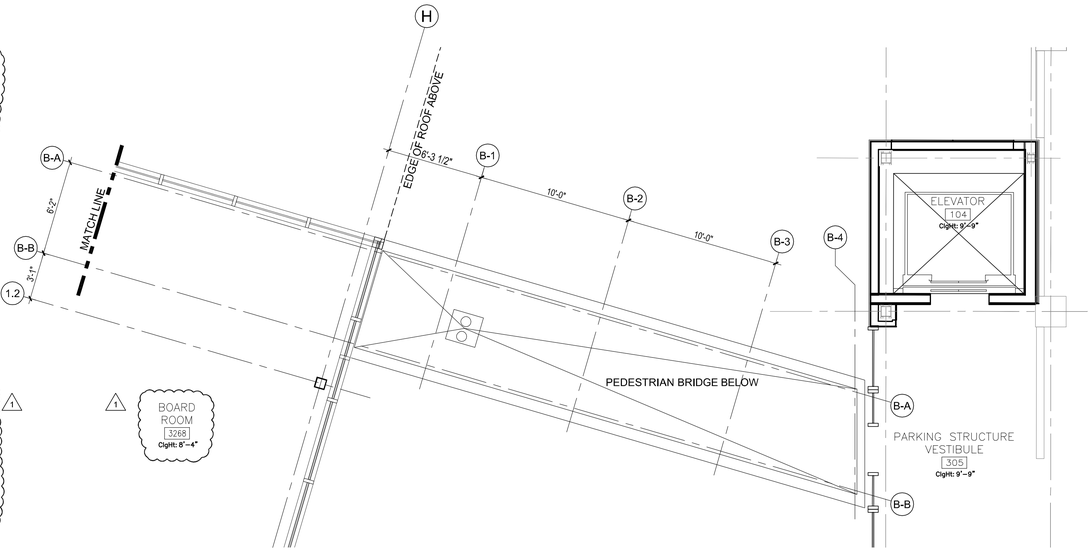
3 LEVEL 3 - ENLARGED WAITING AREA
1/4" = 1'-0"



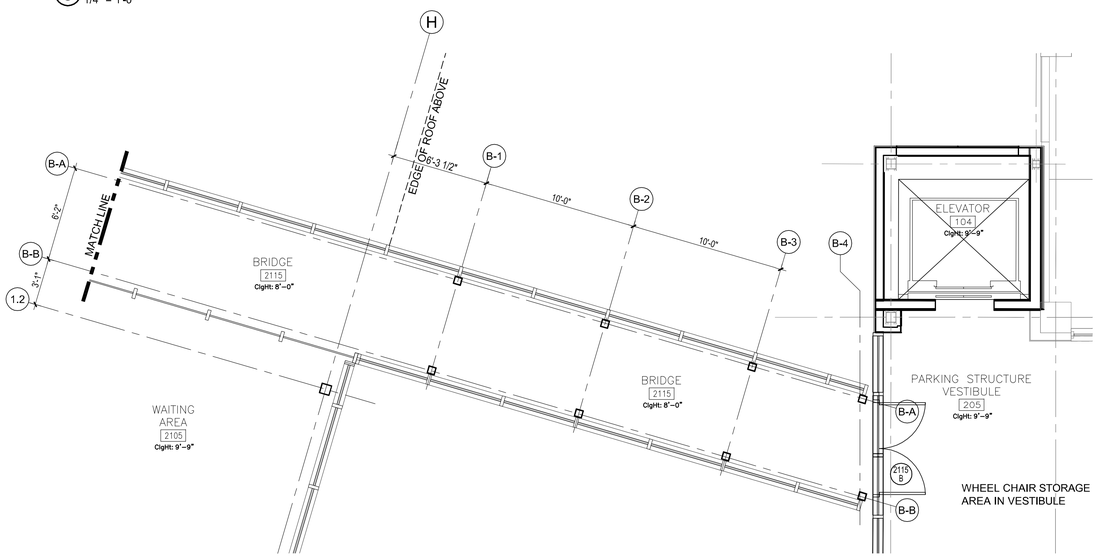
2 LEVEL 2 - ENLARGED FAN ROOM
1/4" = 1'-0"



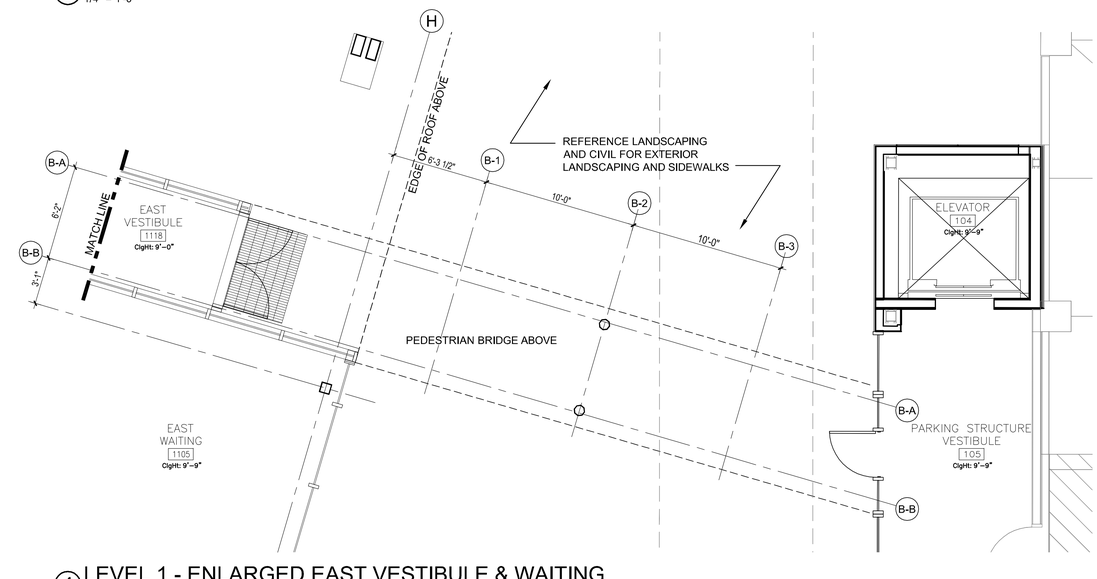
1 LEVEL 1 - ENLARGED BOILER ROOM
1/4" = 1'-0"



6 ENLARGED BRIDGE ROOF
1/4" = 1'-0"



5 LEVEL 2 - ENLARGED BRIDGE PLAN
1/4" = 1'-0"



4 LEVEL 1 - ENLARGED EAST VESTIBULE & WAITING
1/4" = 1'-0"

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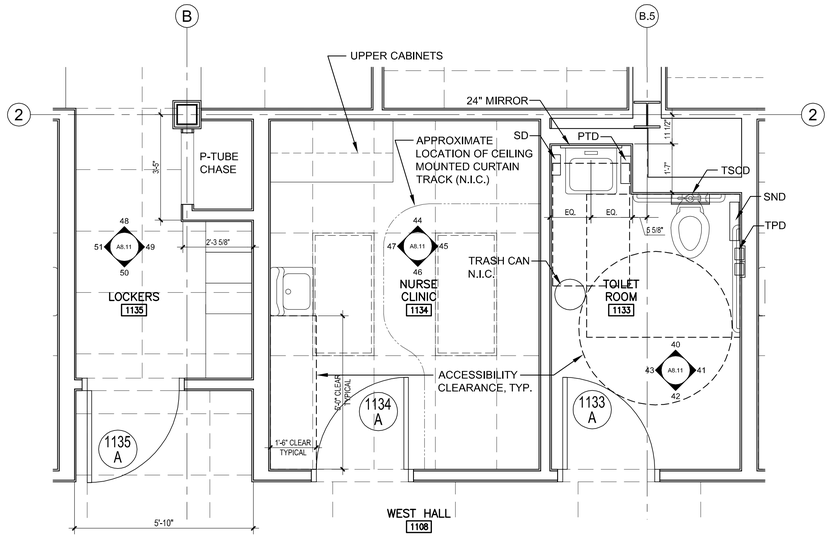
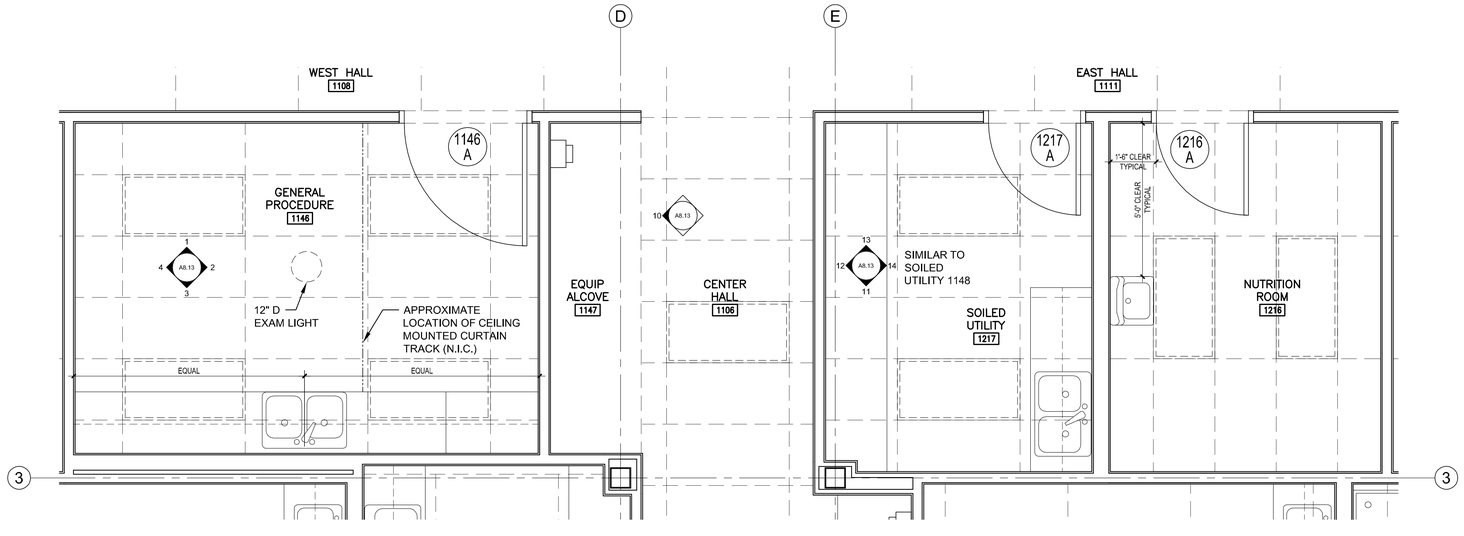
ENLARGED PLAN - EAST AREA

SHEET NO.
A2.25

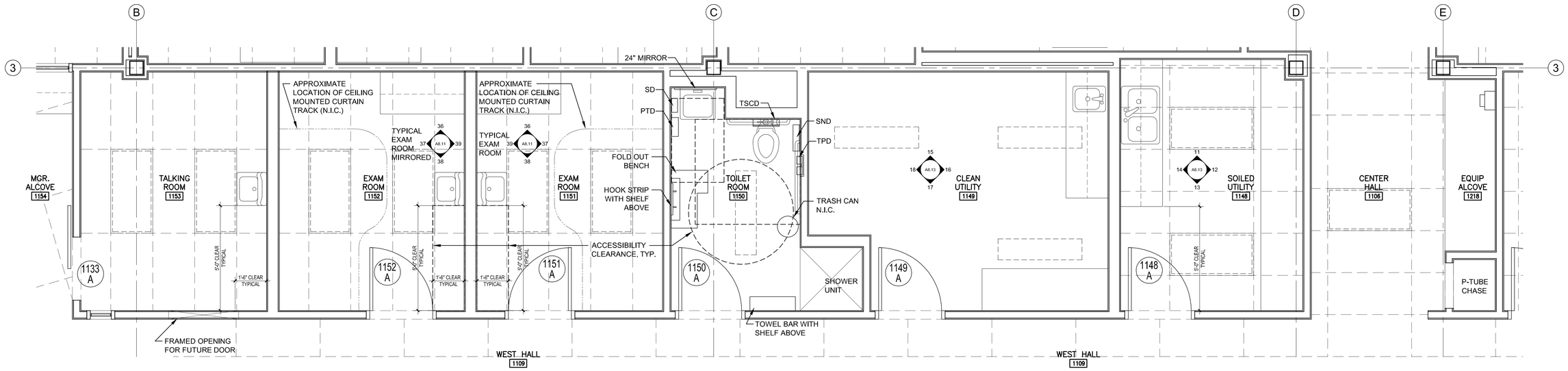
A2.25 ENLARGED PLAN - EAST AREA.DWG



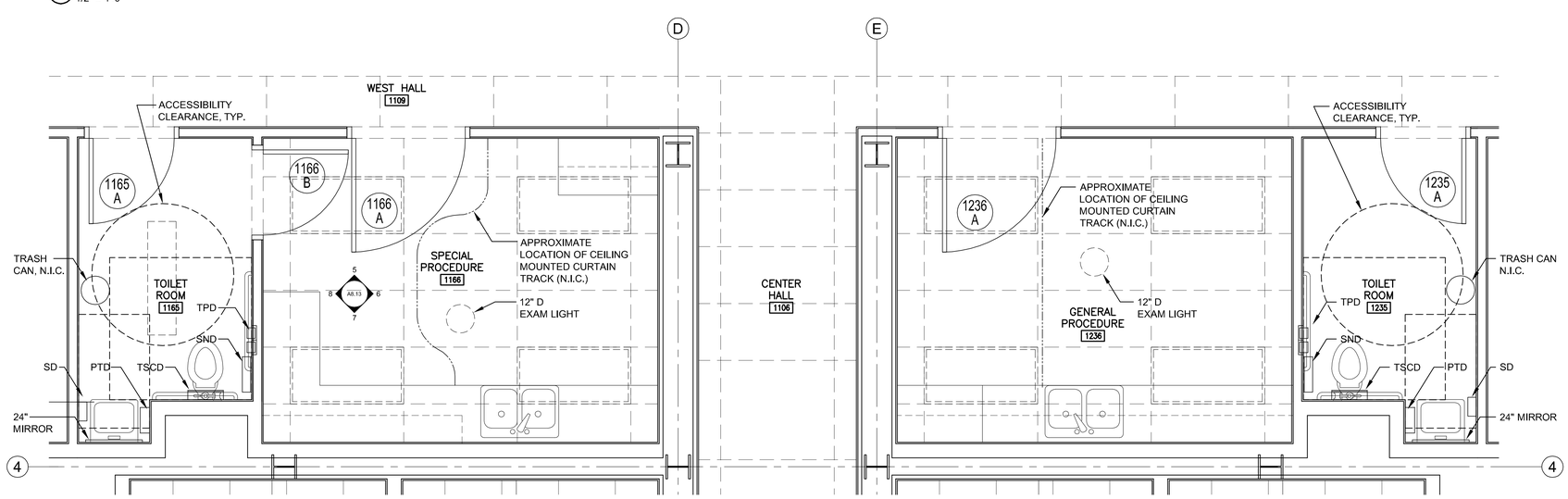
1 TYPICAL LOCKERS - NURSE CLINIC - TOILET
1/2" = 1'-0"



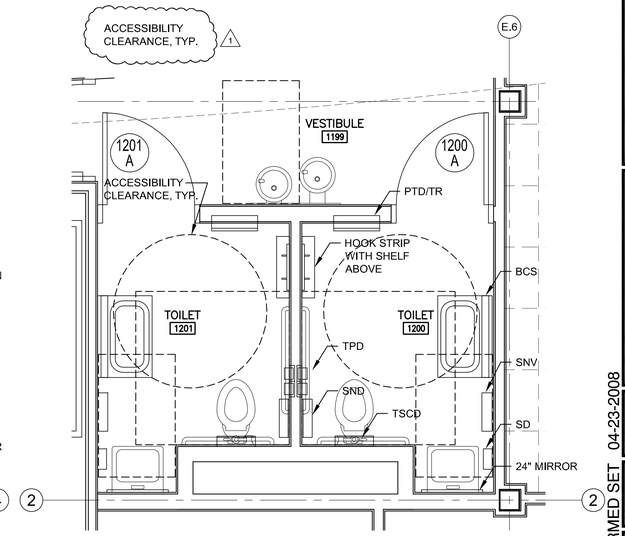
2 TYPICAL GENERAL PROCEDURE - ALCOVE
1/2" = 1'-0"



3 TYPICAL ALCOVE -TALKING ROOM & EXAM ROOM
1/2" = 1'-0"



4 TYPICAL SPECIAL PROCEDURE
1/2" = 1'-0"



5 TYPICAL PUBLIC TOILETS
1/2" = 1'-0"

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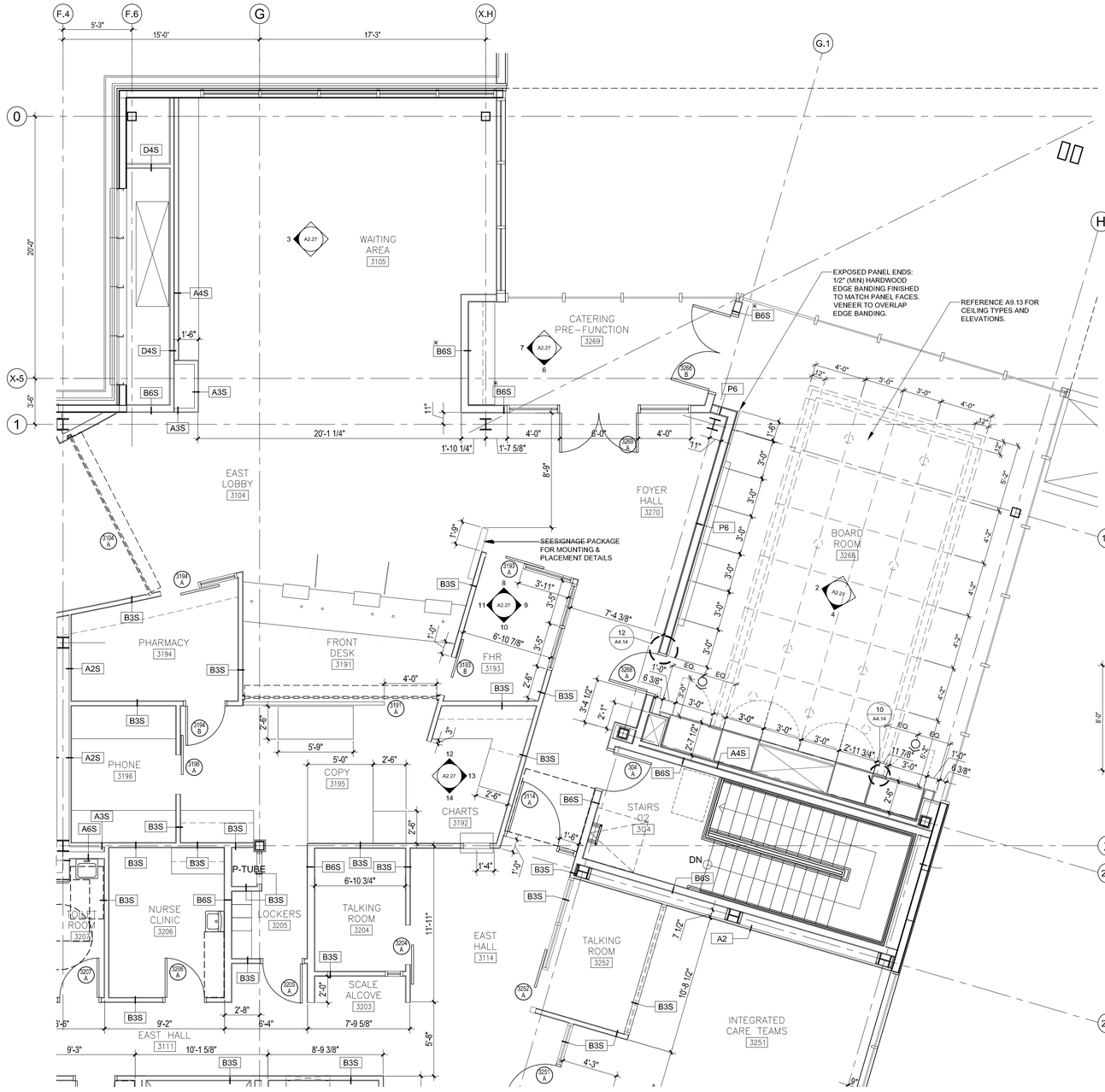
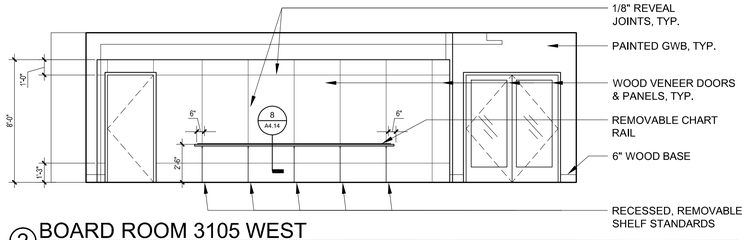
ENLARGED PLANS - TYPICAL ROOMS

SHEET NO. A2.26

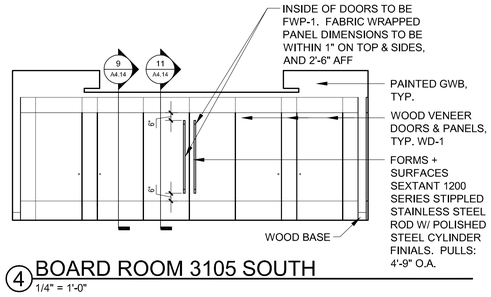
A2.26 ENLARGED PLANS – TYPICAL ROOMS.DWG



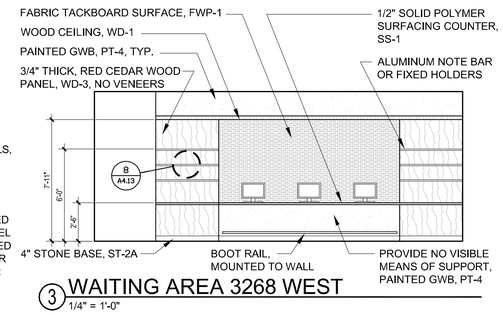
1 ENLARGED THIRD FLOOR PLAN - EAST AREA
1/4" = 1'-0"



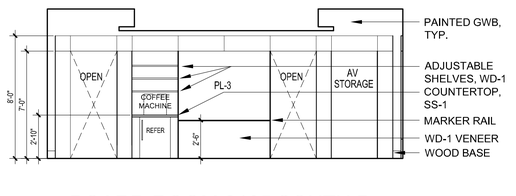
2 BOARD ROOM 3105 WEST
1/4" = 1'-0"



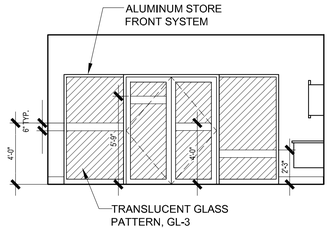
4 BOARD ROOM 3105 SOUTH
1/4" = 1'-0"



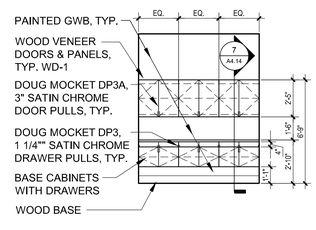
3 WAITING AREA 3268 WEST
1/4" = 1'-0"



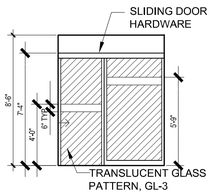
5 BOARD ROOM 3105 SOUTH B
1/4" = 1'-0"



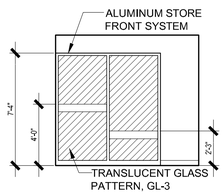
6 CATERING 3269 SOUTH
1/4" = 1'-0"



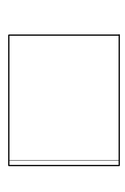
7 CATERING 3269 WEST
1/4" = 1'-0"



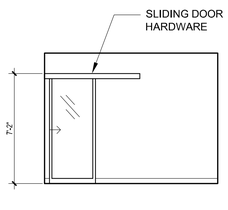
8 FHR 3193 NORTH
1/4" = 1'-0"



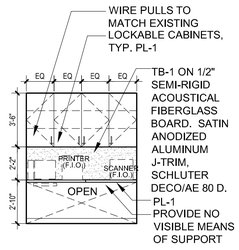
9 FHR 3193 EAST
1/4" = 1'-0"



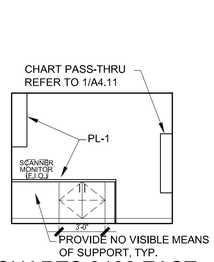
10 FHR 3193 SOUTH
1/4" = 1'-0"



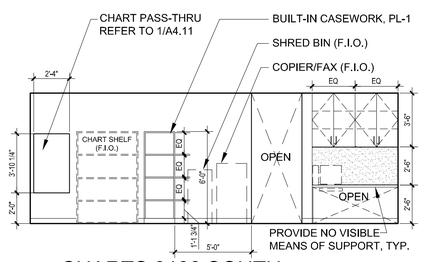
11 FHR 3193 WEST
1/4" = 1'-0"



12 CHARTS 3192 NORTH
1/4" = 1'-0"



13 CHARTS 3192 EAST
1/4" = 1'-0"



14 CHARTS 3192 SOUTH
1/4" = 1'-0"

1 THIS SHEET IS ADDED FOR THE THIRD FLOOR REVISIONS AND ADDED BOARD ROOM.

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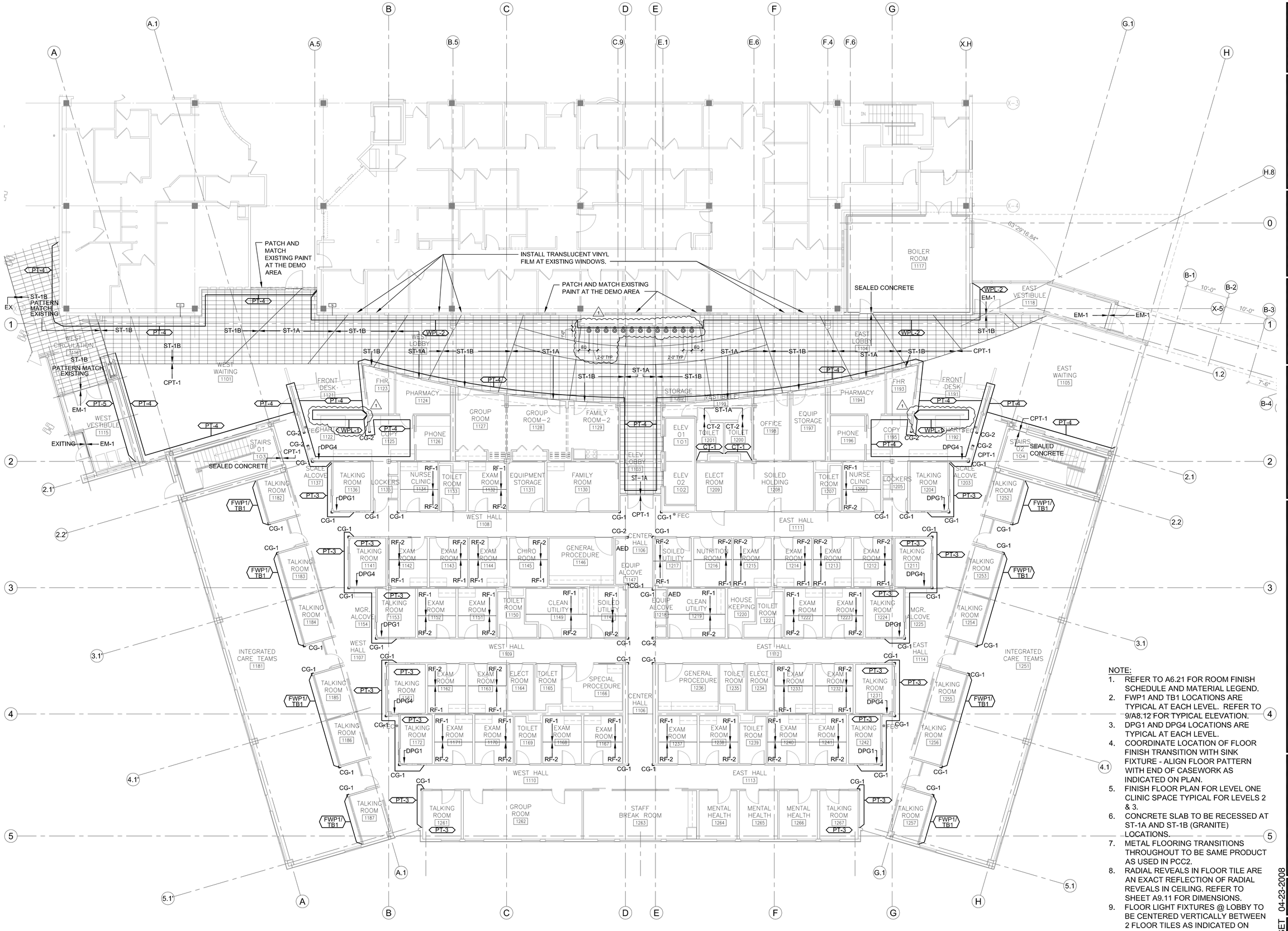
ENLARGED THIRD FLOOR PLAN - DETAILS & ELEVATIONS

SHEET NO.
A2.27
A2.27 ENLARGED PLAN – THIRD FLOOR EAST AREA.DWG



NOTE:

1. REFER TO A6.21 FOR ROOM FINISH SCHEDULE AND MATERIAL LEGEND.
2. FWP1 AND TB1 LOCATIONS ARE TYPICAL AT EACH LEVEL. REFER TO 9/A8.12 FOR TYPICAL ELEVATION.
3. DPG1 AND DPG4 LOCATIONS ARE TYPICAL AT EACH LEVEL.
4. COORDINATE LOCATION OF FLOOR FINISH TRANSITION WITH SINK FIXTURE - ALIGN FLOOR PATTERN WITH END OF CASEWORK AS INDICATED ON PLAN.
5. FINISH FLOOR PLAN FOR LEVEL ONE CLINIC SPACE TYPICAL FOR LEVELS 2 & 3.
6. CONCRETE SLAB TO BE RECESSED AT ST-1A AND ST-1B (GRANITE) LOCATIONS.
7. METAL FLOORING TRANSITIONS THROUGHOUT TO BE SAME PRODUCT AS USED IN PCC2.
8. RADIAL REVEALS IN FLOOR TILE ARE AN EXACT REFLECTION OF RADIAL REVEALS IN CEILING. REFER TO SHEET A9.11 FOR DIMENSIONS.
9. FLOOR LIGHT FIXTURES @ LOBBY TO BE CENTERED VERTICALLY BETWEEN 2 FLOOR TILES AS INDICATED ON PLAN.
10. CERAMIC TILE INSTALLATION ON FLOOR & SOUTH WALL AT TOILET ROOMS 1200-1201 TO BE RUNNING BOND.

1 FLOOR FINISH PLAN - LEVEL 1
1/8" = 1'-0"

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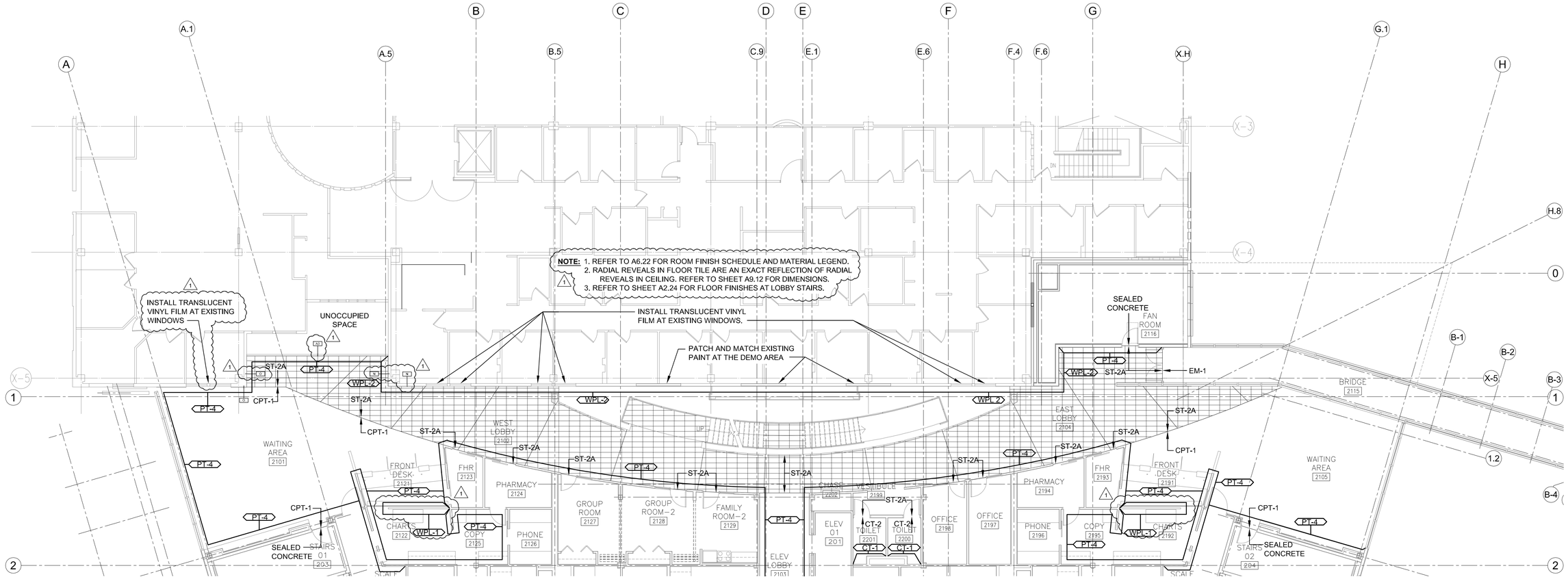
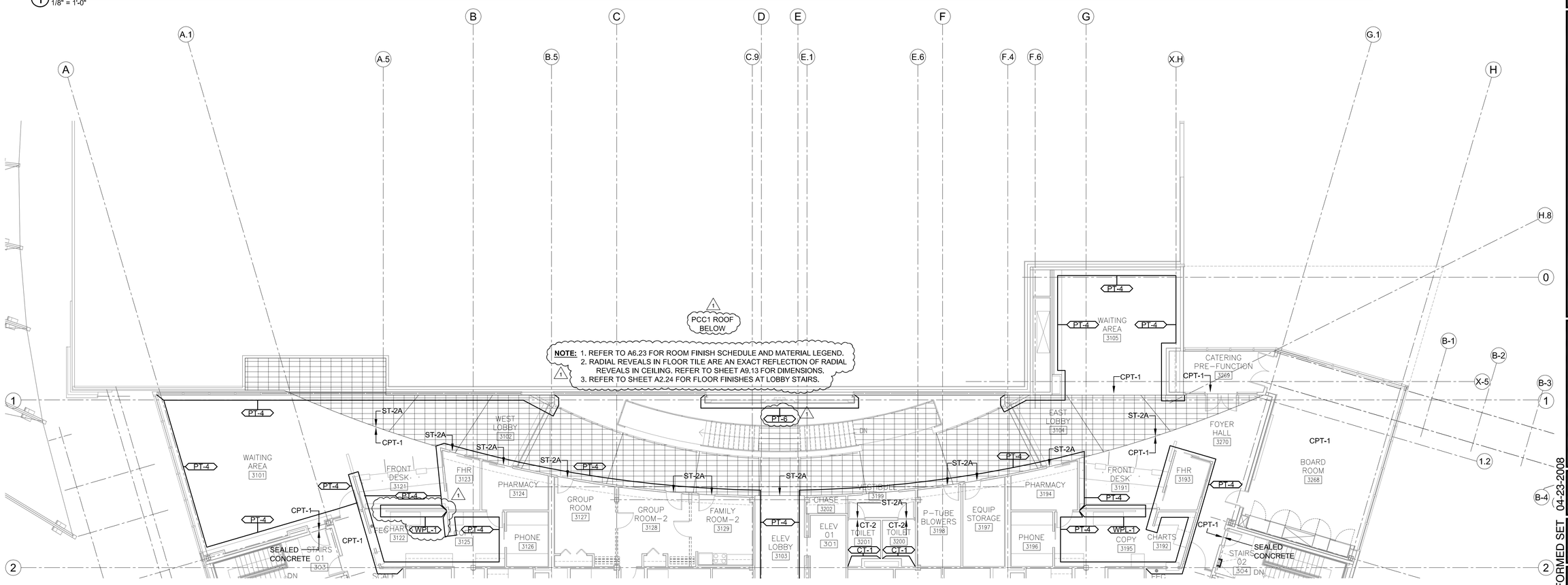
FLOOR & FINISH PLAN - LEVEL 1

SHEET NO.
A2.31
A2.31 FLOOR & FINISH PLAN – LEVEL 1.DWG



1 FLOOR FINISH PLAN - LEVEL 2
1/8" = 1'-0"



2 FLOOR FINISH PLAN - LEVEL 3
1/8" = 1'-0"

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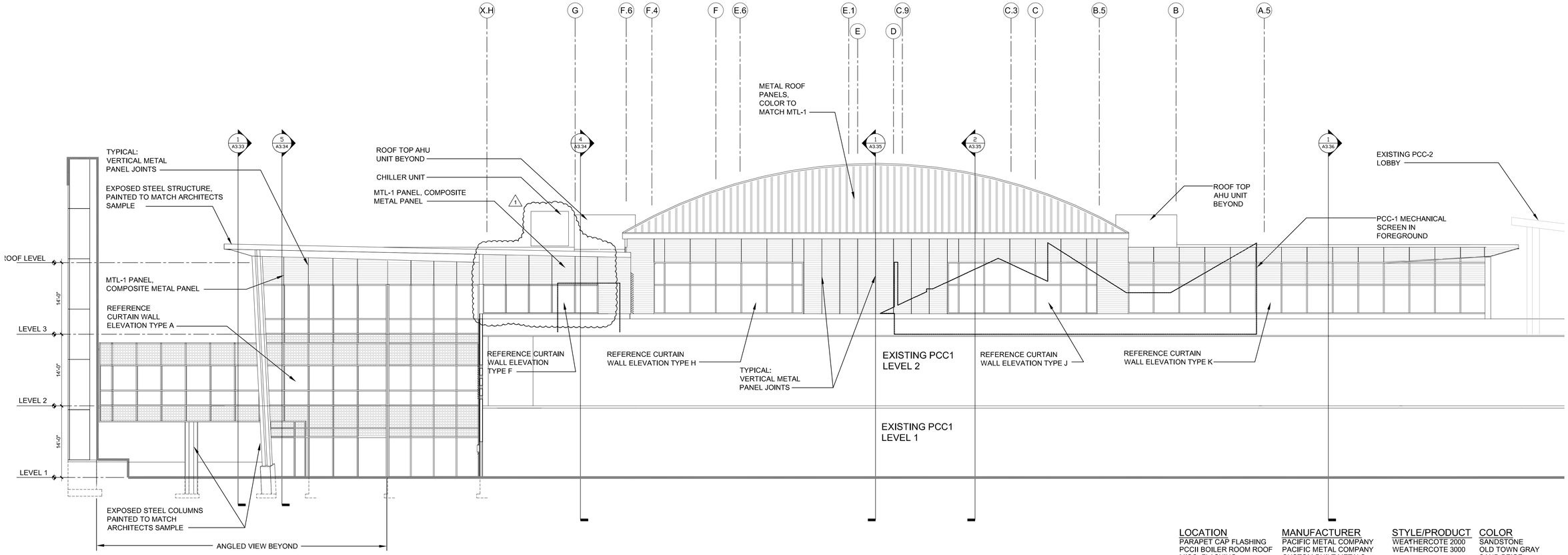
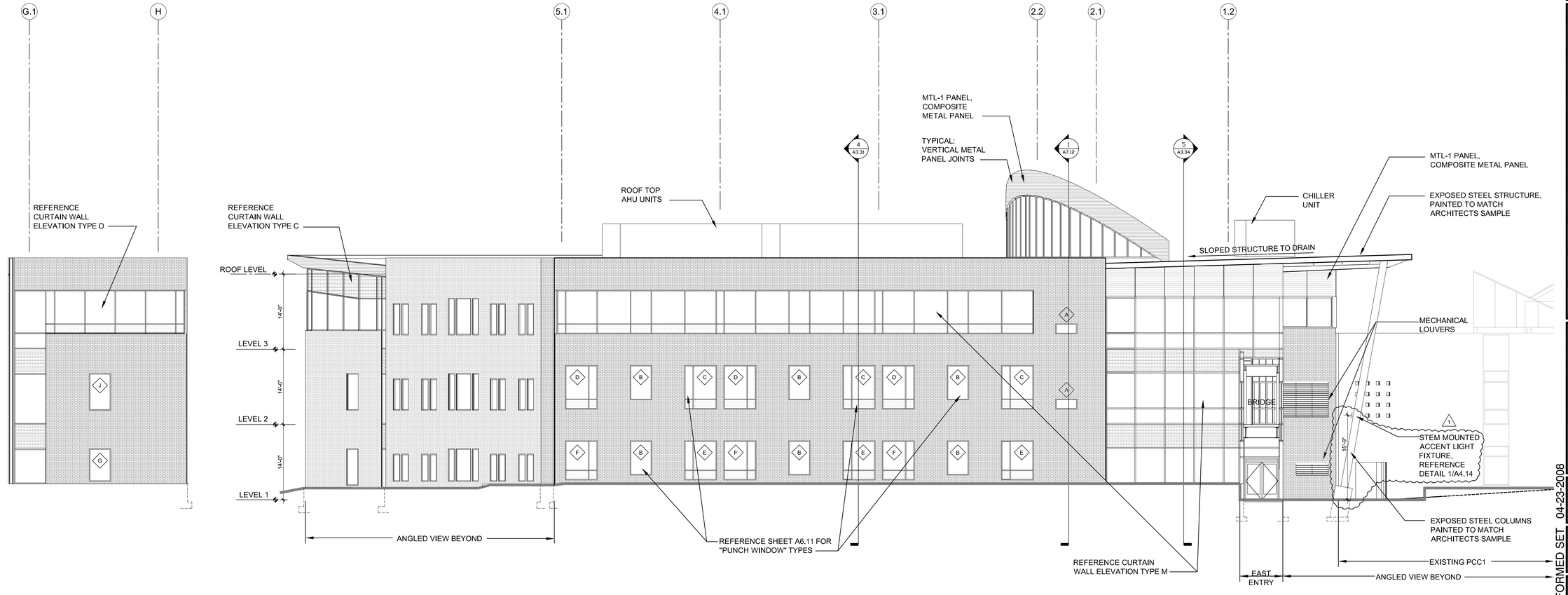
FLOOR & FINISH PLANS LEVELS 2 & 3

SHEET NO.
A2.32
A2.32 FLOOR & FINISH PLANS LEVELS 2 & 3.DWG



1 NORTH ELEVATION
1/8" = 1'-0"

LOCATION	MANUFACTURER	STYLE/PRODUCT	COLOR
PARAPET CAP FLASHING	PACIFIC METAL COMPANY	WEATHERCOTE 2000	SANDSTONE
PCCII BOILER ROOM ROOF	PACIFIC METAL COMPANY	WEATHERCOTE 3000	OLD TOWN GRAY
MISC. FLASHING	CUSTOM BUILT METALS		SAND BEIGE
BASE/LOUVER FLASHING	RYERSON	KYNAR 500	ALMOND
HEAD FLASHING	RYERSON	KYNAR 500	SNOWDRIFT WHITE



2 SOUTHEAST ELEVATION
1/8" = 1'-0"

3 EAST ELEVATION
1/8" = 1'-0"

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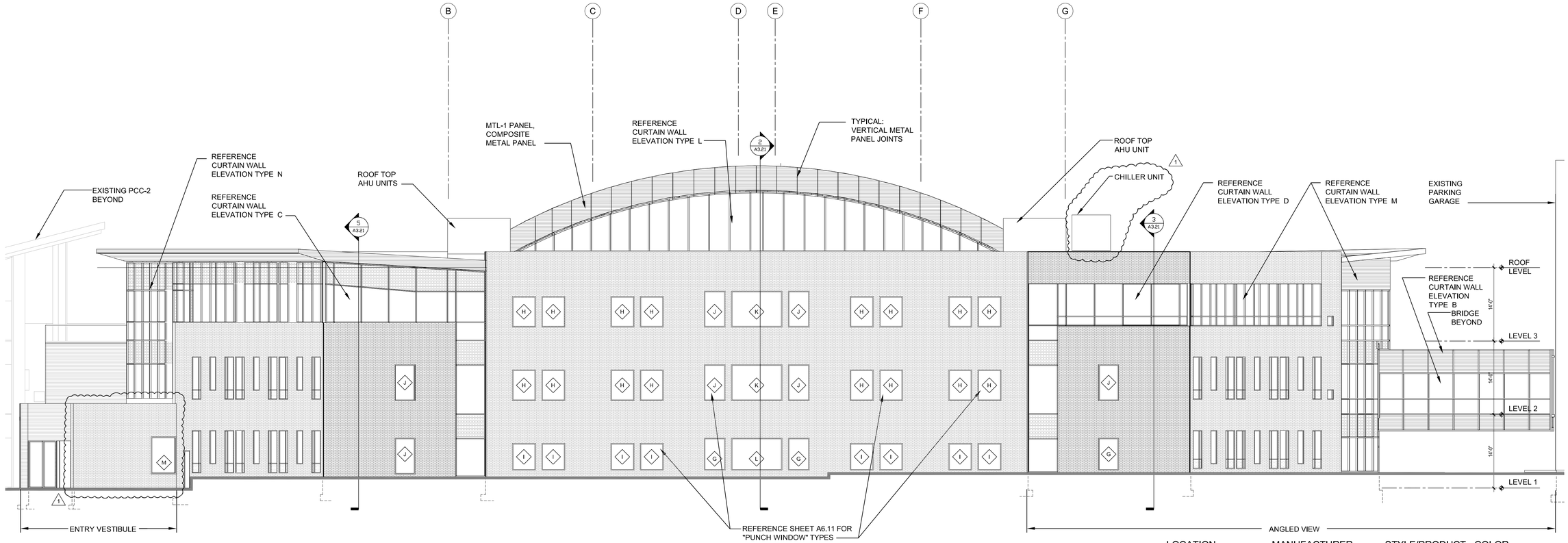
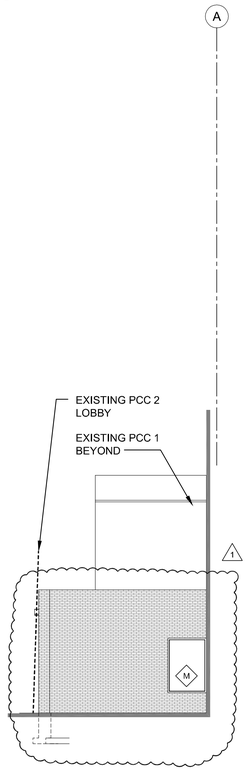
EXTERIOR ELEVATIONS NORTH & EAST

SHEET NO.
A3.11
A3.11 EXTERIOR ELEVATIONS.DWG

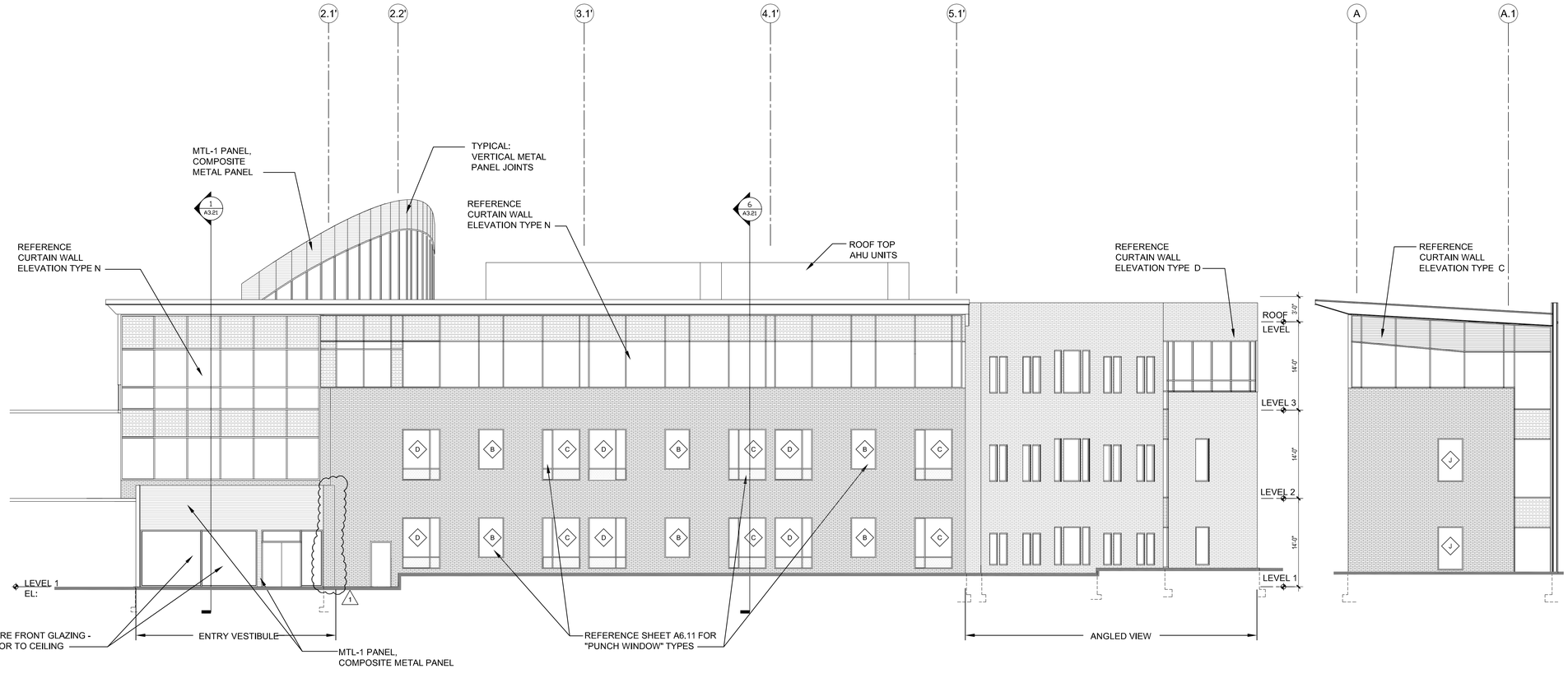


1 SOUTH ELEVATION
1/8" = 1'-0"

LOCATION	MANUFACTURER	STYLE/PRODUCT	COLOR
PARAPET CAP FLASHING	PACIFIC METAL COMPANY	WEATHERCOTE 2000	SANDSTONE
PCCII BOILER ROOM ROOF	PACIFIC METAL COMPANY	WEATHERCOTE 3000	OLD TOWN GRAY
MISC. FLASHING	CUSTOM BUILT METALS		SAND BEIGE
BASE/LOUVER FLASHING	RYERSON	KYNAR 500	ALMOND
HEAD FLASHING	RYERSON	KYNAR 500	SNOWDRIFT WHITE



2 WEST VEST. SOUTH
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"

4 SOUTHWEST ELEVATION
1/8" = 1'-0"

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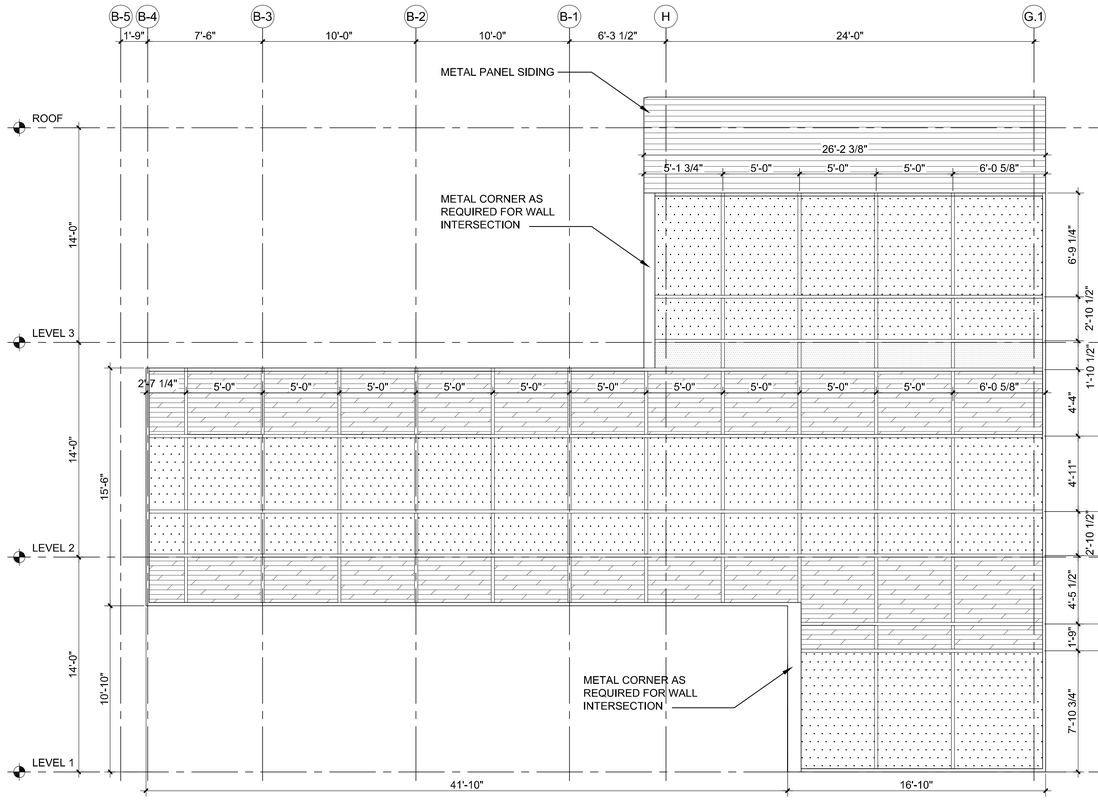
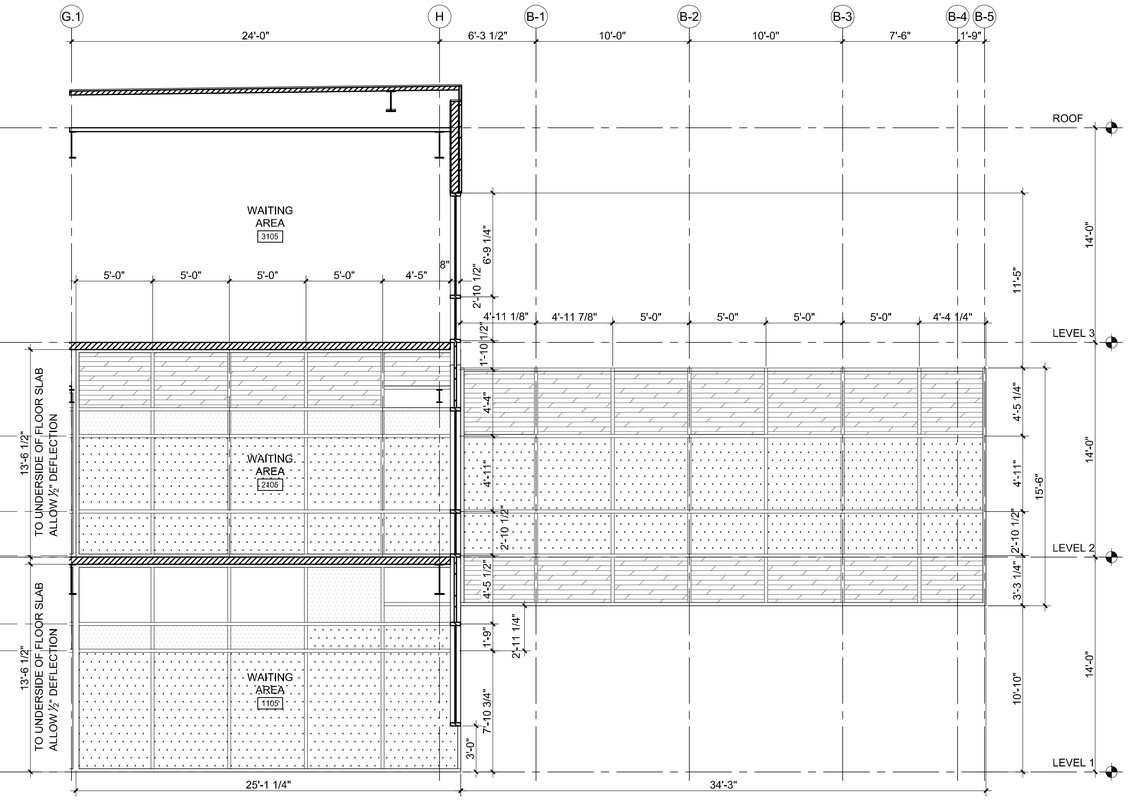
EXTERIOR ELEVATIONS SOUTH & WEST

SHEET NO.
A3.12
A3.12 EXTERIOR ELEVATIONS.DWG



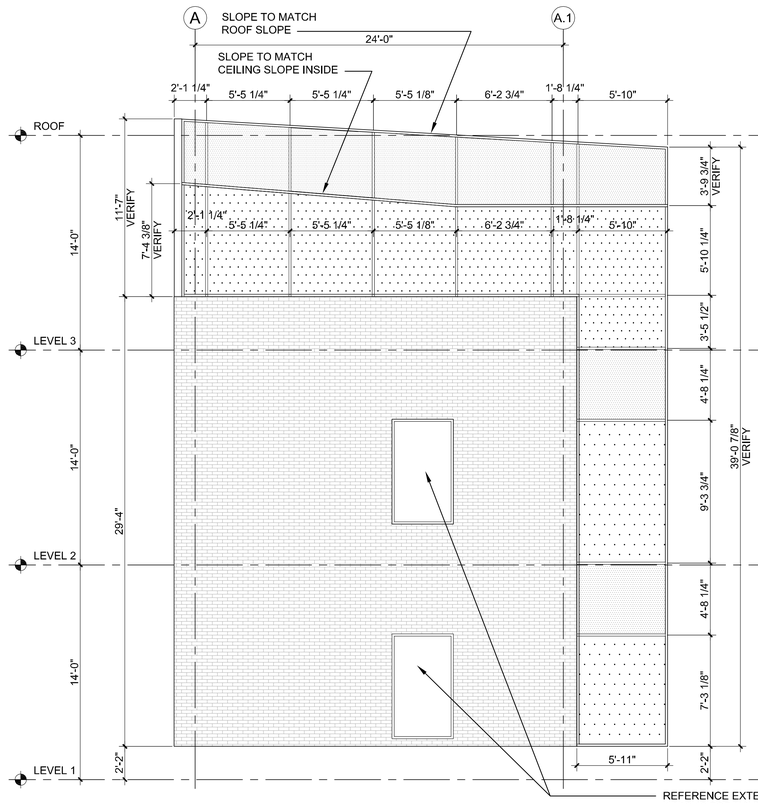
1 CURTAIN WALL A
1/4" = 1'-0"

NORTH BRIDGE ELEVATION



2 CURTAIN WALL B
1/4" = 1'-0"

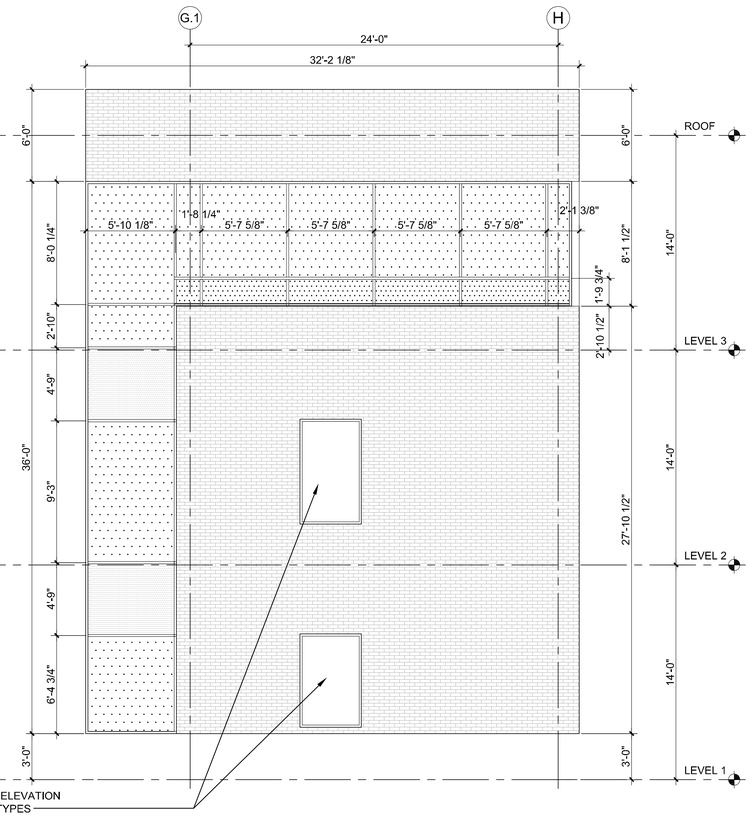
SOUTH BRIDGE ELEVATION



3 CURTAIN WALL C
1/4" = 1'-0"

SOUTHWEST ELEVATION

NOTE: THIS CURTAIN WALL IS 6 INCH FRAMES.



4 CURTAIN WALL D
1/4" = 1'-0"

SOUTHEAST ELEVATION

NOTE: THIS CURTAIN WALL IS 6 INCH FRAMES.

NOTE:
ALL CURTAIN WALL FRAMES ARE 2 1/2" x 8" UNLESS NOTED OTHERWISE.

REFERENCE EXTERIOR ELEVATION SHEETS A3.11 & A3.12 FOR WINDOW TYPE IDENTIFICATION.

GL-1 EXTERIOR CLEAR

GL-2 EXTERIOR SPANDRAL

GL-5 EXTERIOR TRANSLUCENT

GL-6 INTERIOR CLEAR TEMPERED

INSULATED METAL PANELS

METAL PANEL SIDING ON EXTERIOR WALL

STUD IN-FILL

NO IN-FILL

MATERIAL LEGEND

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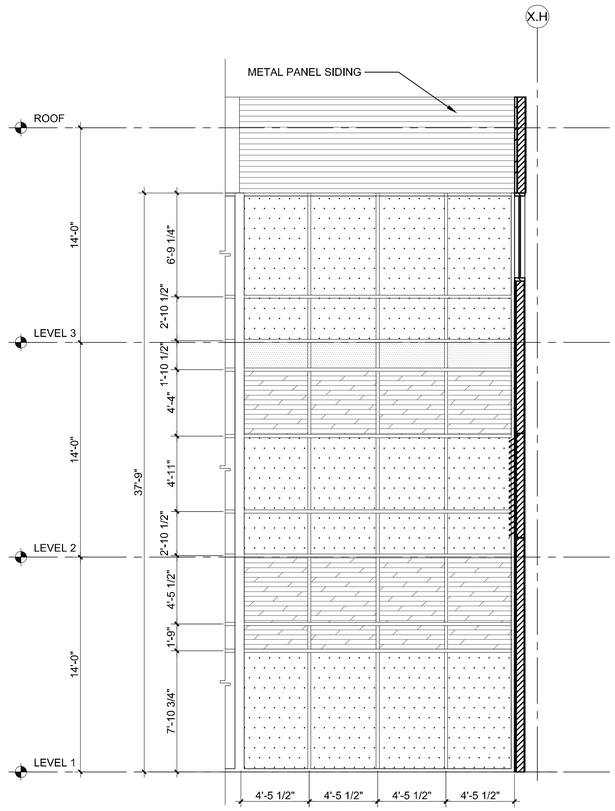
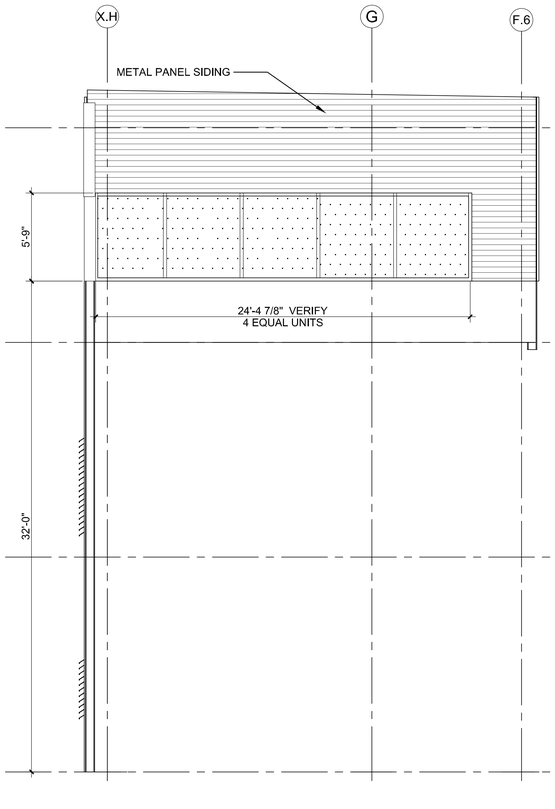
CURTAIN WALL TYPES

SHEET NO. A3.13

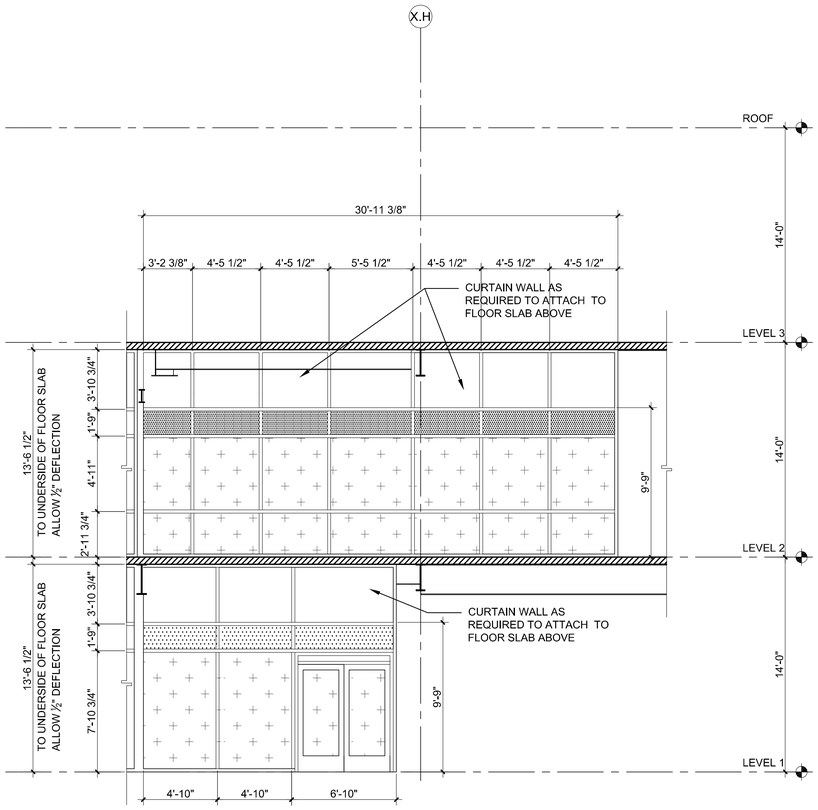
A3.13 CURTAIN WALL TYPES.DWG



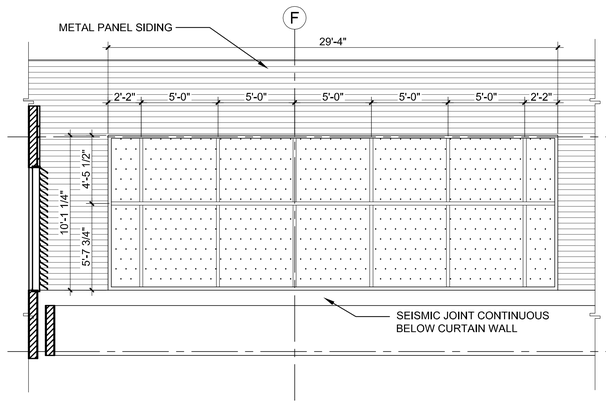
1 CURTAIN WALL E — NORTH ELEVATION
1/4" = 1'-0"



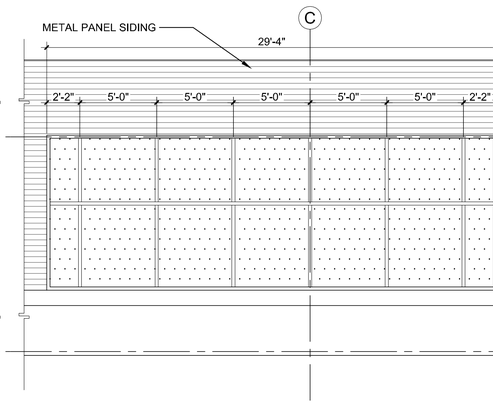
2 CURTAIN WALL F — NORTH ELEVATION
1/4" = 1'-0"



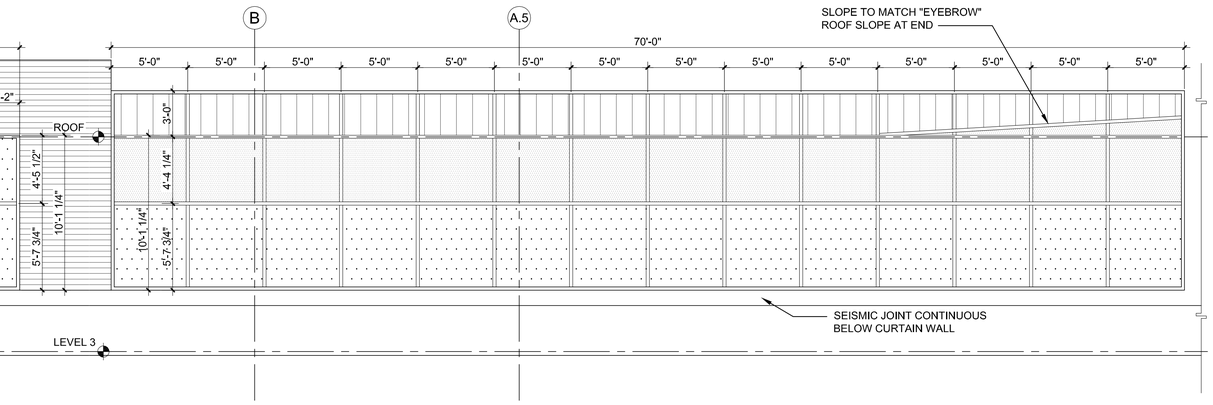
3 CURTAIN WALL G — NORTH ELEVATION
1/4" = 1'-0"



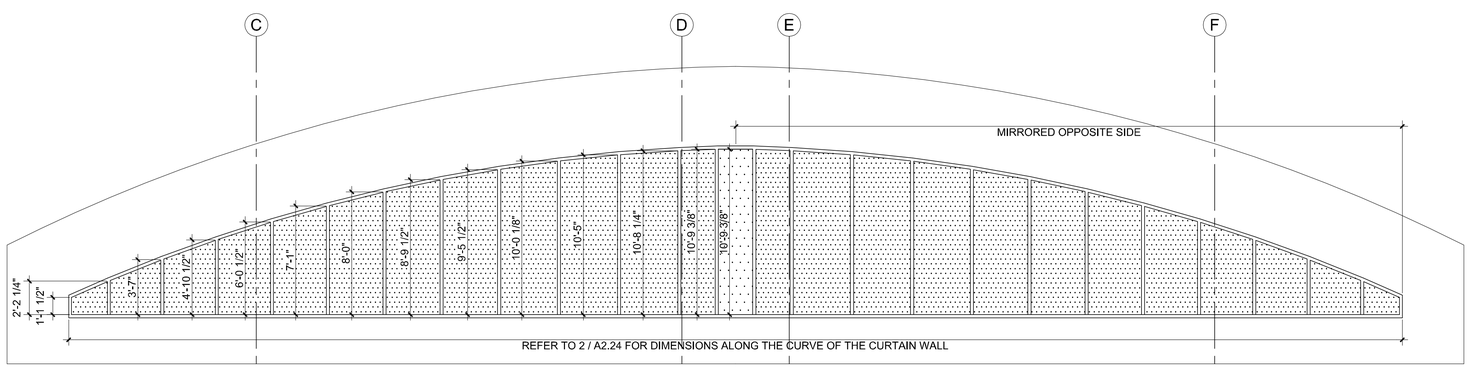
4 CURTAIN WALL H — NORTH ELEVATION
1/4" = 1'-0"



5 CURTAIN WALL J — NORTH ELEVATION
1/4" = 1'-0"



6 CURTAIN WALL K — NORTH ELEVATION
1/4" = 1'-0"



7 CURTAIN WALL L — LOBBY / LENS CLERESTORY ELEVATION
1/4" = 1'-0"

NOTE:
ALL CURTAIN WALL FRAMES ARE 2 1/2" x 8" UNLESS NOTED OTHERWISE.

REFERENCE SHEET A3.13 FOR HATCH PATTERN LEGEND OF GLAZING TYPES.

REFERENCE EXTERIOR ELEVATION SHEETS A3.11 & A3.12 FOR WINDOW TYPE IDENTIFICATION.

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JOB NO.	A6070.01
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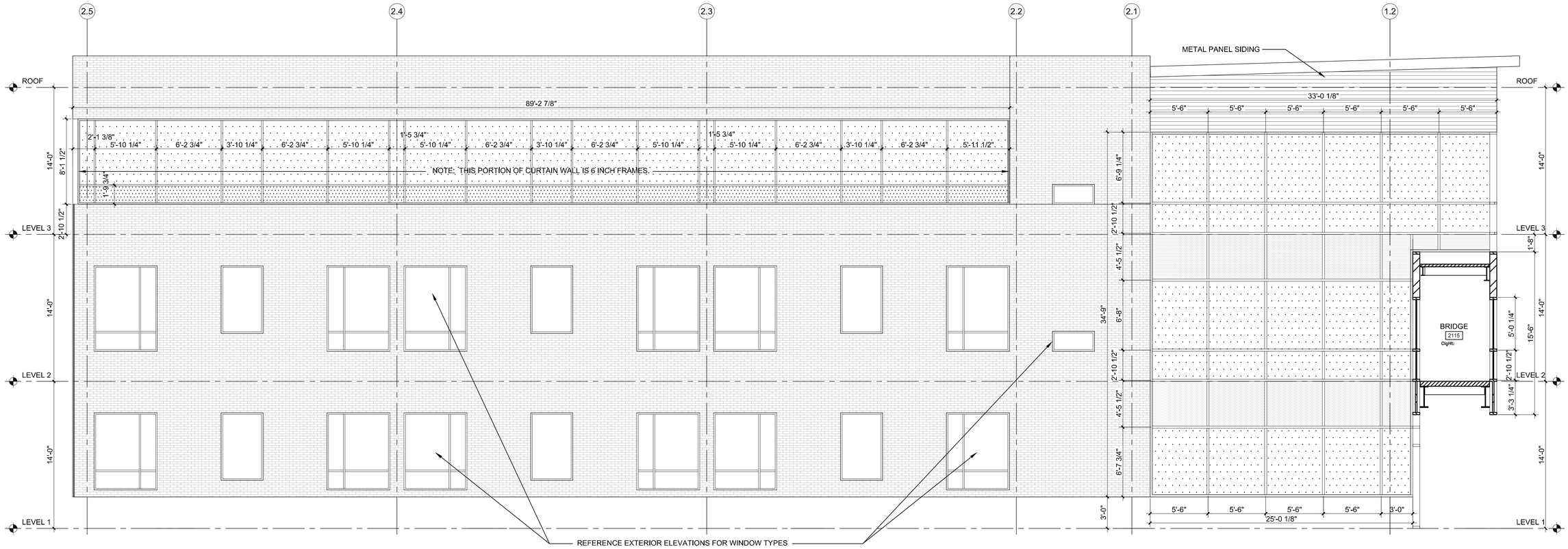
DRAWN	ghm
REVIEWED	kb

CONFORMED SET 04-23-2008

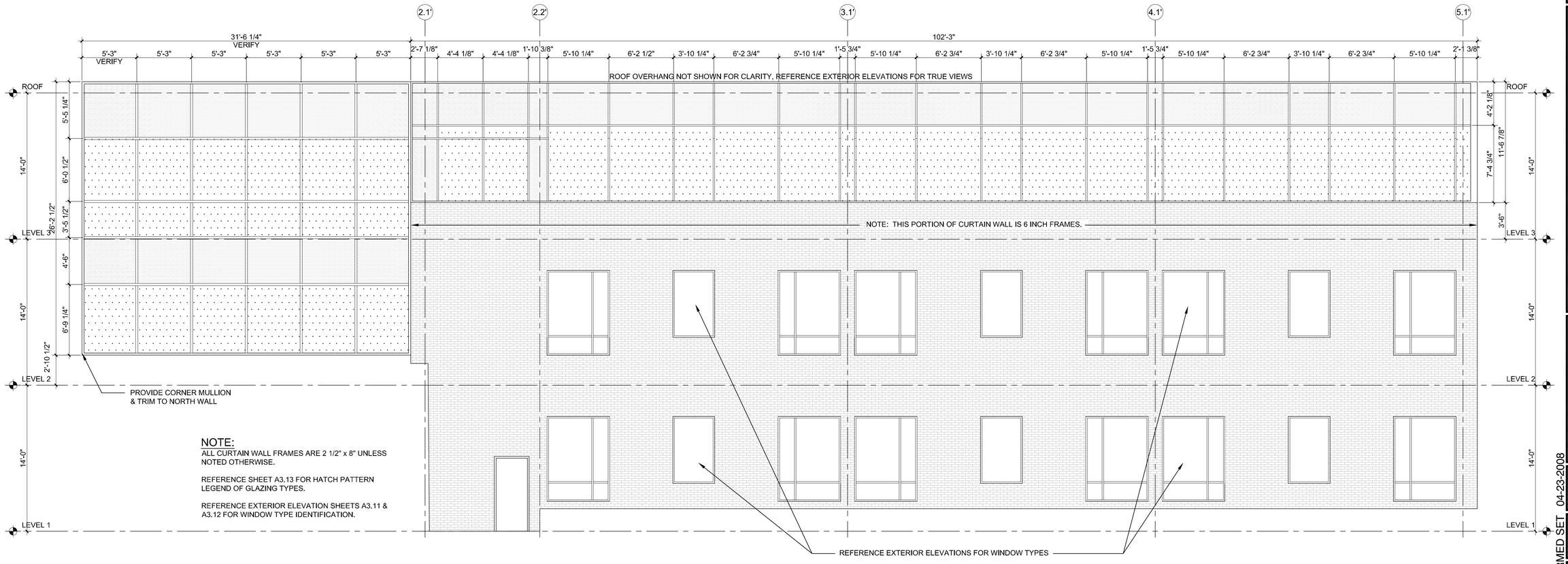
CURTAIN WALL TYPES

SHEET NO.
A3.14
A3.14 CURTAIN WALL TYPES.DWG



1 CURTAIN WALL M
1/4" = 1'-0"

EAST ELEVATION



NOTE:
ALL CURTAIN WALL FRAMES ARE 2 1/2" x 8" UNLESS NOTED OTHERWISE.

REFERENCE SHEET A3.13 FOR HATCH PATTERN LEGEND OF GLAZING TYPES.

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2 CURTAIN WALL N
1/4" = 1'-0"

~~WEST ELEVATION~~

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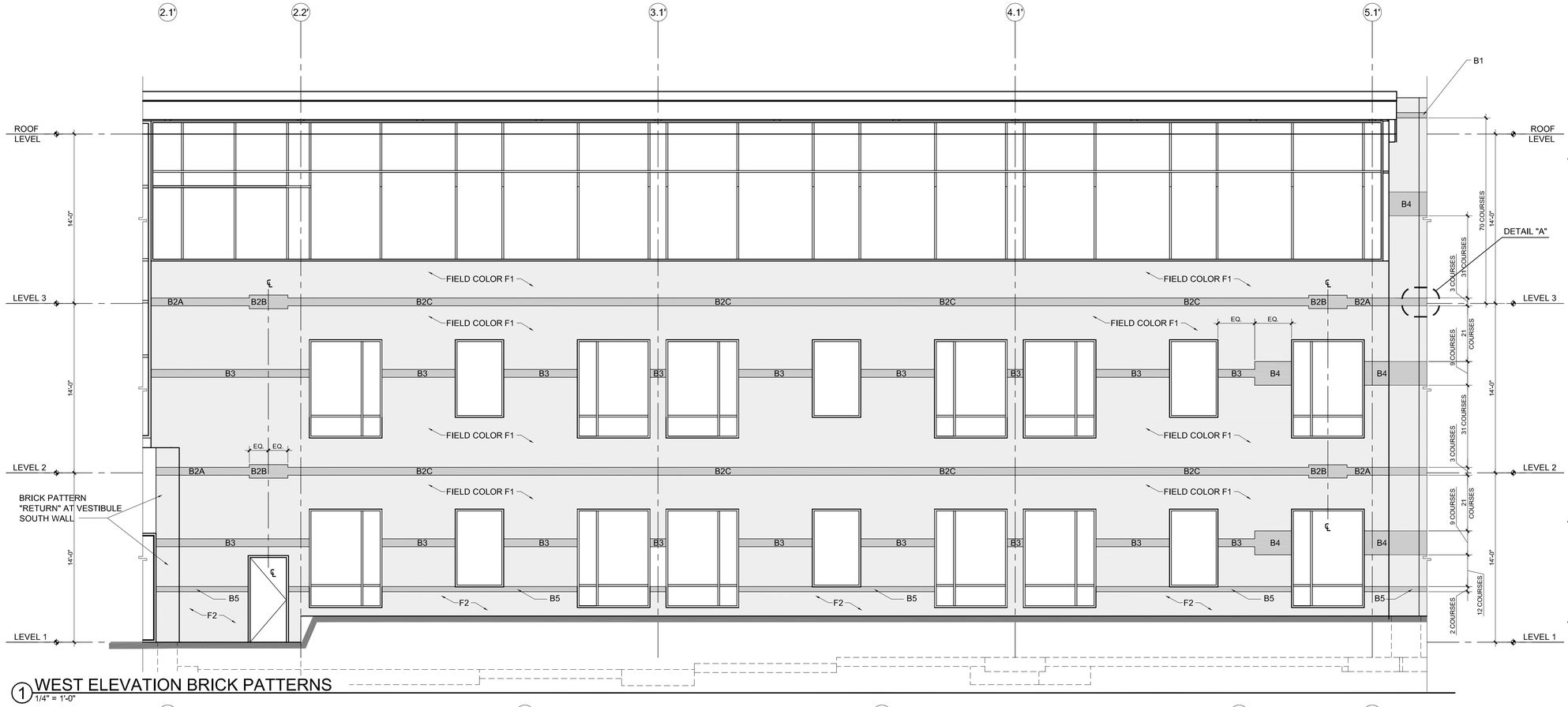
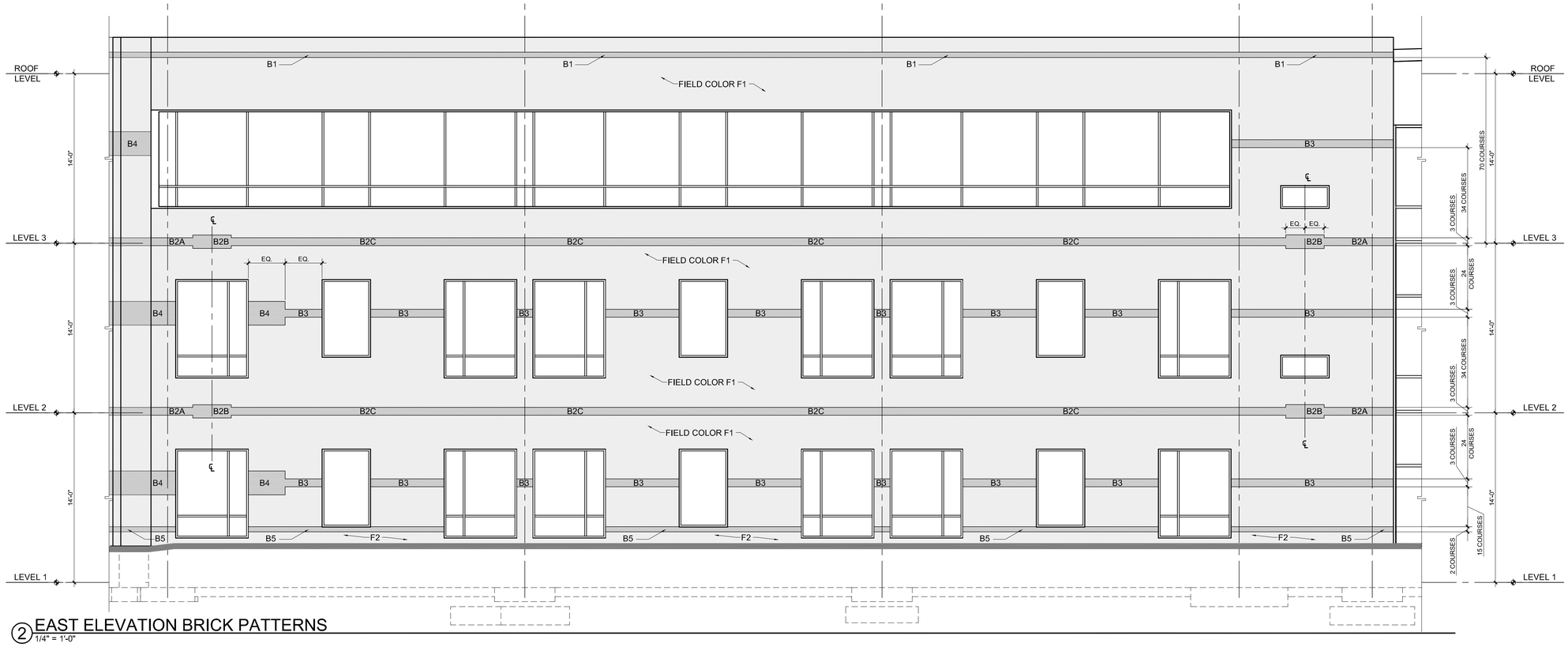
REVIEWED	kb

CURTAIN WALL TYPES

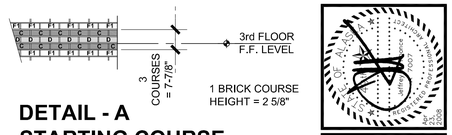
SHEET NO.
A3.15
A3.15 CURTAIN WALL TYPES.DWG



1 WEST ELEVATION BRICK PATTERNS
1/4" = 1'-0"

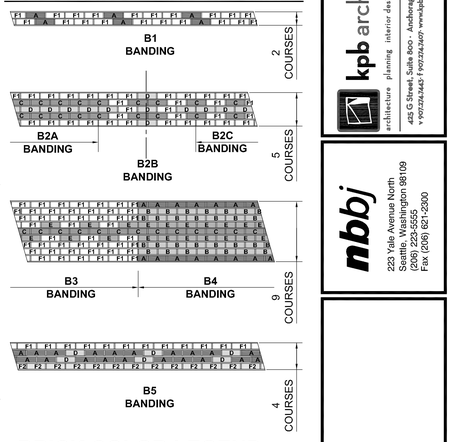


2 EAST ELEVATION BRICK PATTERNS
1/4" = 1'-0"



DETAIL - A STARTING COURSE

COURSING BAND LEGEND



BRICK COLOR LEGEND

TAG A -	#15	PROVIDENCE
TAG B -	#17	YORKTOWN
TAG C -	#95	NEW BEDFORD
TAG D -	#94	COLONY
TAG E -	#10	SUMMITVILLE RED
TAG F1 -	#25	CHARLESTON
TAG F2 -	#26	SAVANNAH

NOTES:

1. GROUT JOINTS ARE TYPICALLY 3/8" WIDE.
2. ALL FIELD COURSING IS DESIGNED BASED ON DETAIL "A" STARTING COURSE.
3. ALL FIELD BRICK IS TYPE "F1" UNLESS OTHERWISE NOTED.
4. REFERENCE A3.11, A3.12, A3.13, A3.14 & A3.15 FOR OTHER EXTERIOR ELEVATION INFORMATION.

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CONFORMED SET 04-23-2008

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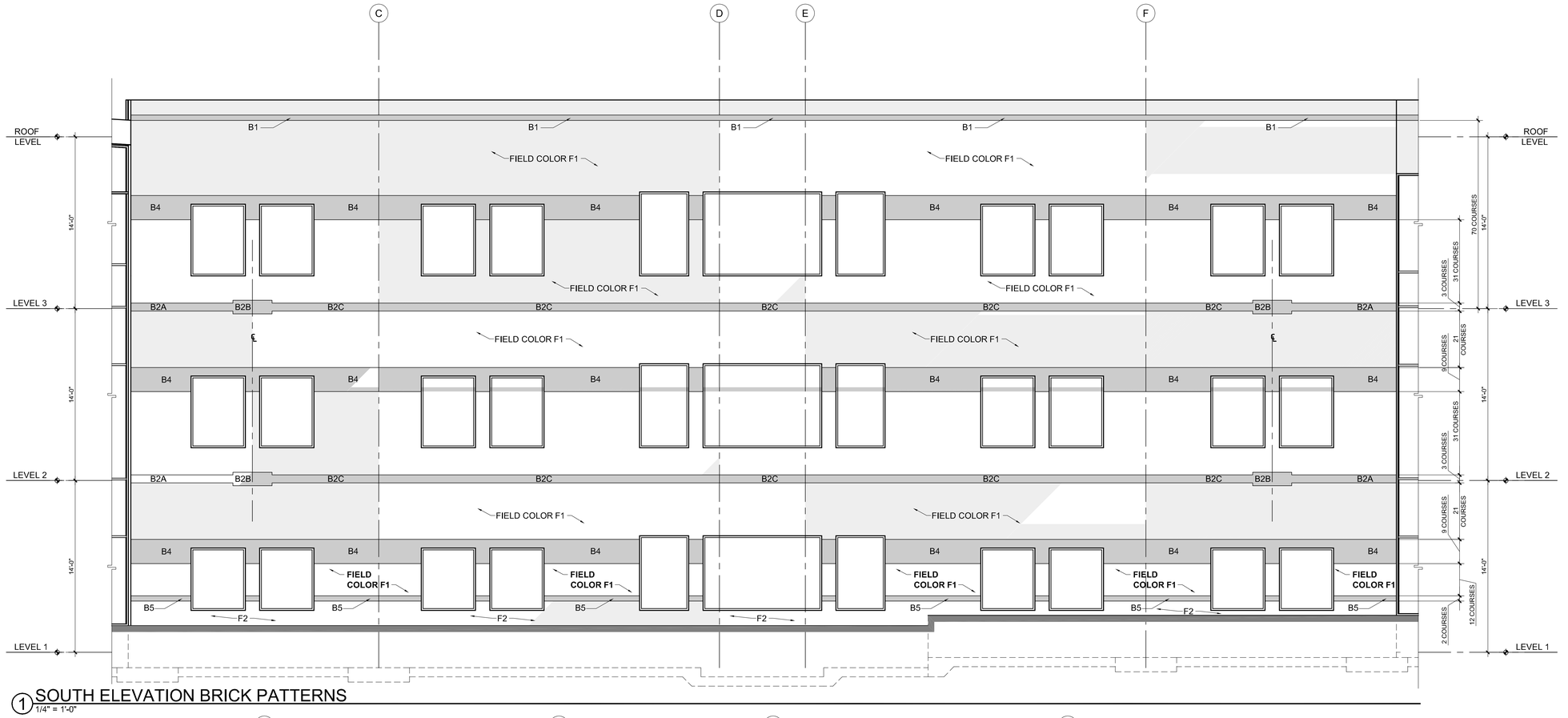
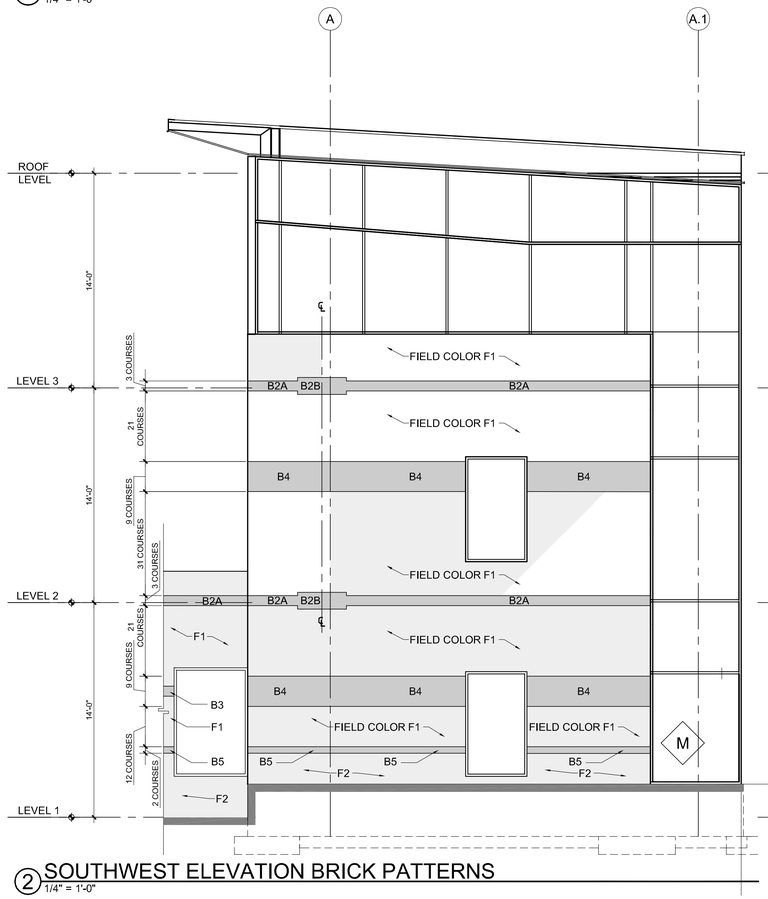
EXTERIOR ELEVATIONS - BRICK PATTERNS

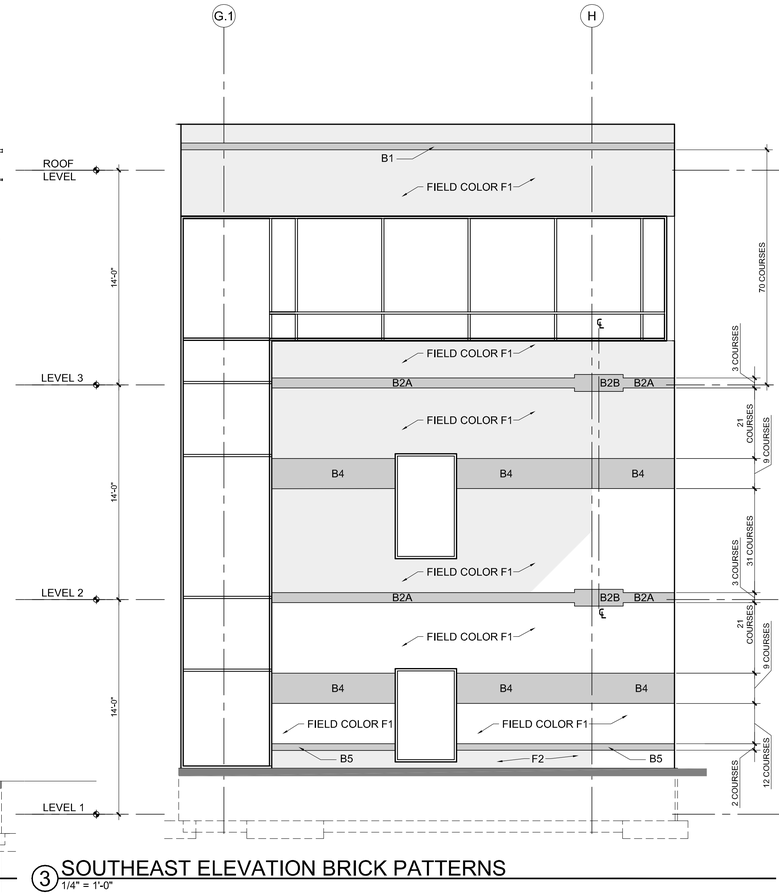
SHEET NO.
A3.16
A3.16 EXTERIOR ELEVATIONS — BRICK PATTERNS.DWG



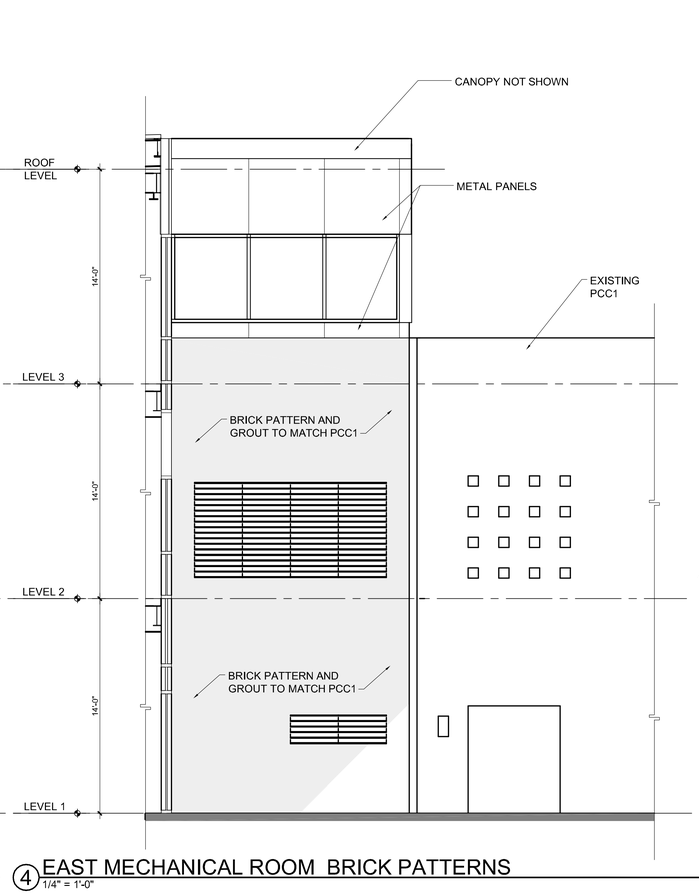
1 SOUTH ELEVATION BRICK PATTERNS
1/4" = 1'-0"



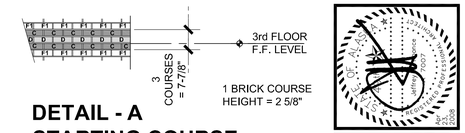
2 SOUTHWEST ELEVATION BRICK PATTERNS
1/4" = 1'-0"



3 SOUTHEAST ELEVATION BRICK PATTERNS
1/4" = 1'-0"

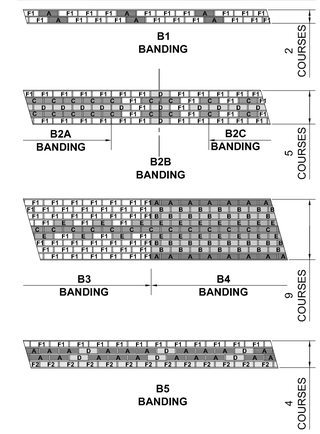


4 EAST MECHANICAL ROOM BRICK PATTERNS
1/4" = 1'-0"



DETAIL - A STARTING COURSE

COURSING BAND LEGEND



BRICK COLOR LEGEND

TAG A -	#15	PROVIDENCE
TAG B -	#17	YORKTOWN
TAG C -	#95	NEW BEDFORD
TAG D -	#94	COLONY
TAG E -	#10	SUMMITVILLE RED
TAG F1 -	#25	CHARLESTON
TAG F2 -	#26	SAVANNAH

NOTES:

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DRAWN ghm
REVIEWED kb

CONFORMED SET 04-23-2008
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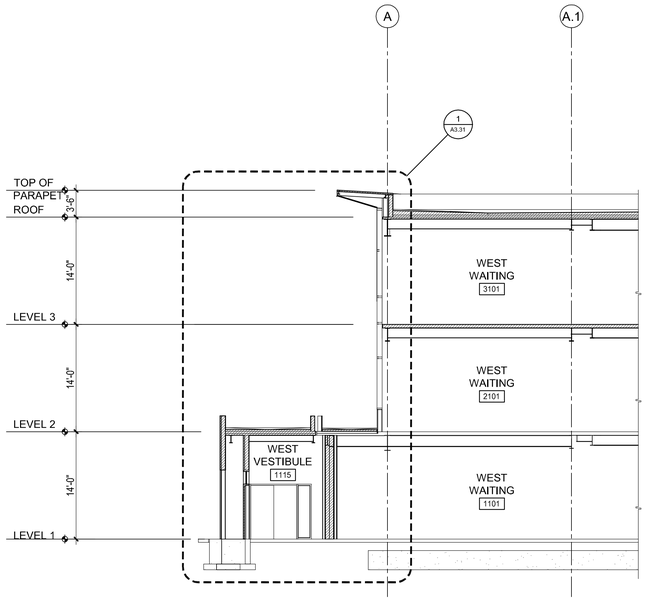
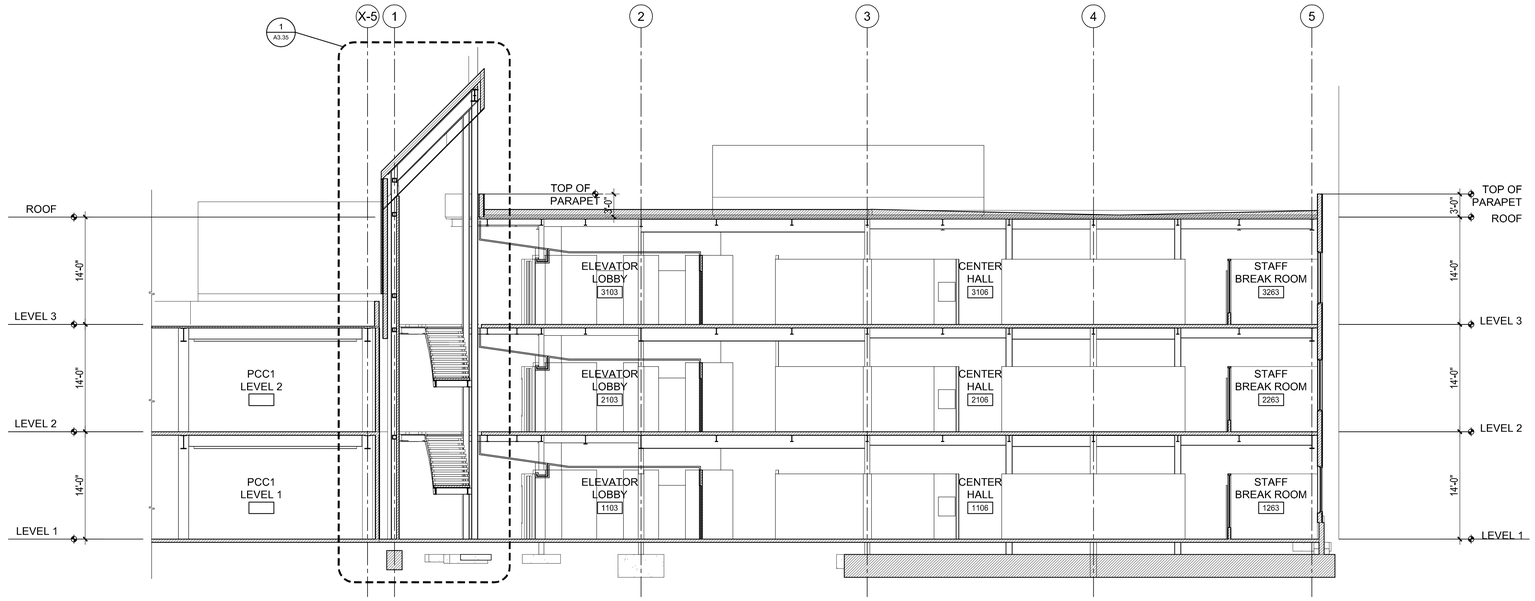
EXTERIOR ELEVATIONS - BRICK PATTERNS

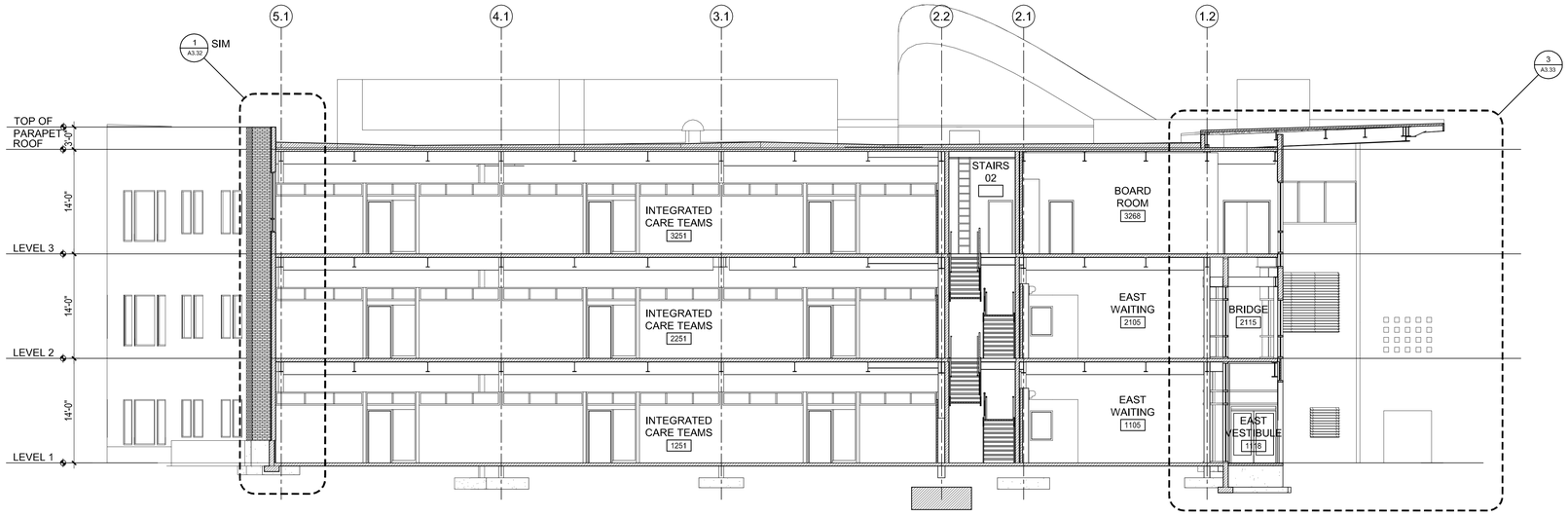
SHEET NO.
A3.17
A3.17 EXTERIOR ELEVATIONS - BRICK PATTERNS.DWG



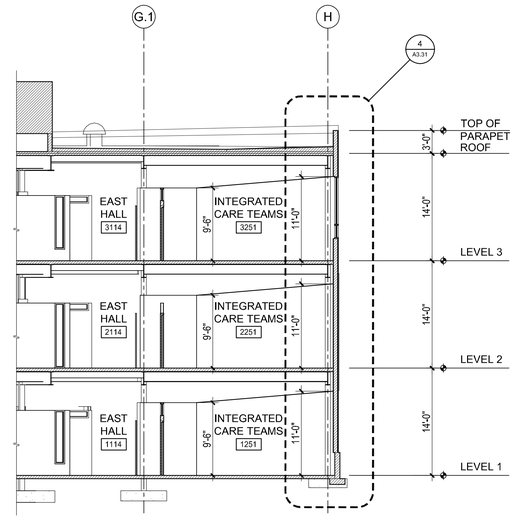
1 BUIDING SECTION – WEST VESTIBULE LOOKING NORTH
1/8" = 1'-0"



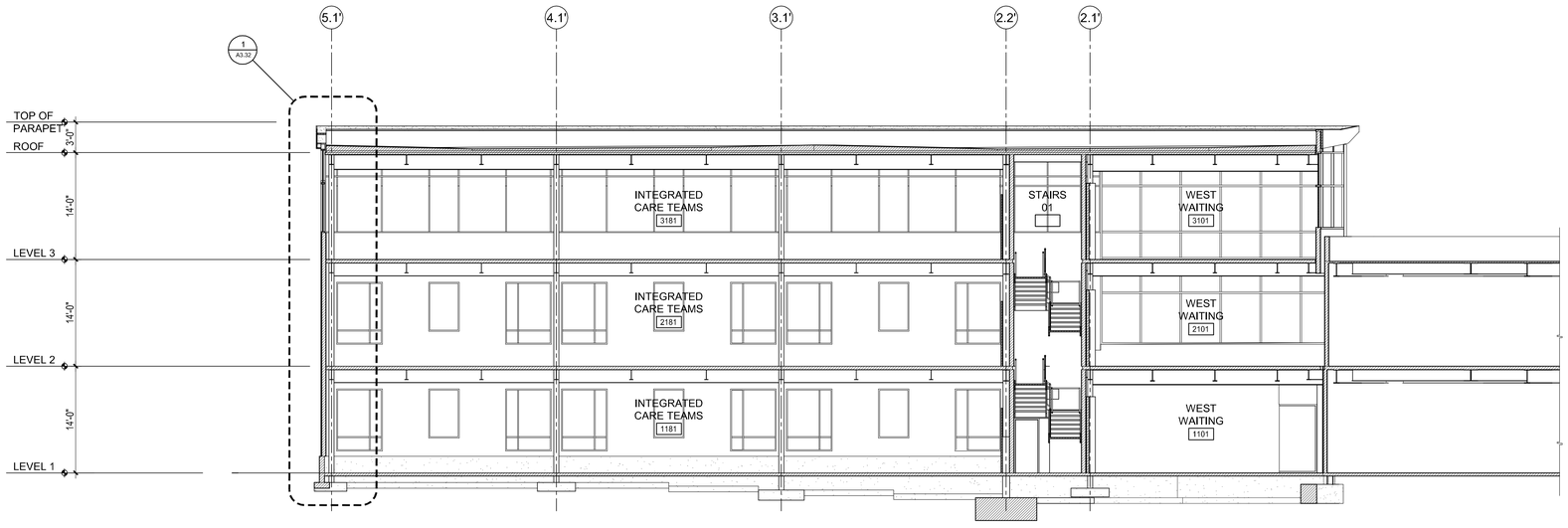
2 BUILDING SECTION – LOBBY LOOKING EAST
1/8" = 1'-0"



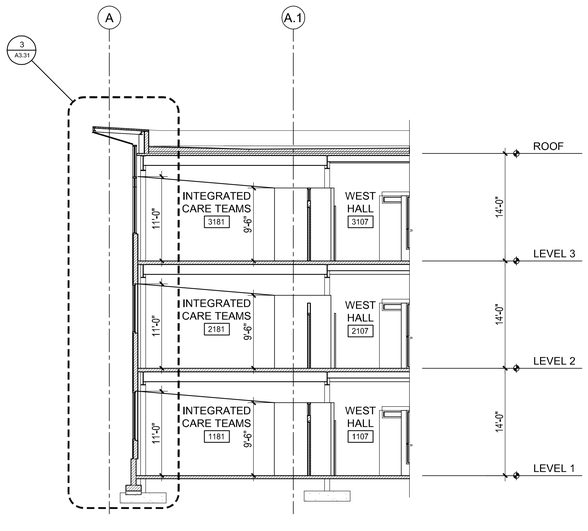
3 BUILDING SECTION – EAST SIDE LOOKING WEST
1/8" = 1'-0"



4 BUILDING SECTION – EAST SIDE LOOKING NORTH
1/8" = 1'-0"



5 BUILDING SECTION – WEST SIDE LOOKING WEST
1/8" = 1'-0"



6 BUILDING SECTION – WEST SIDE LOOKING NORTH
1/8" = 1'-0"

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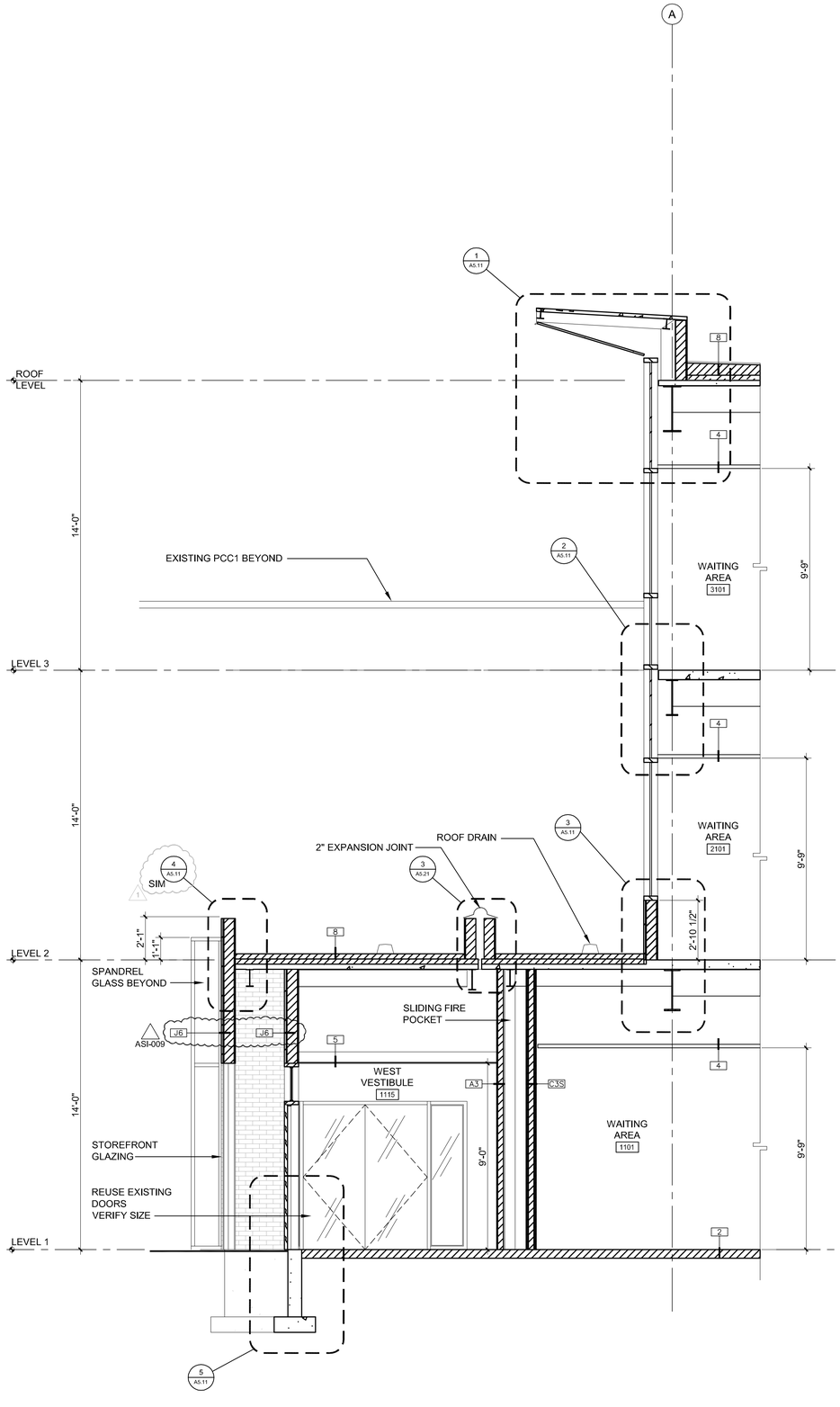
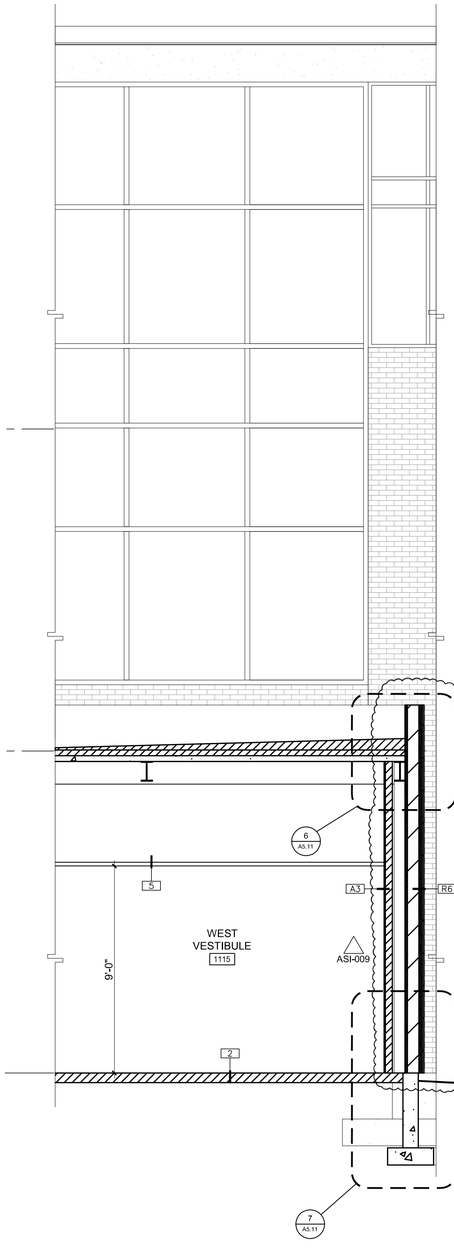
BUILDING SECTIONS

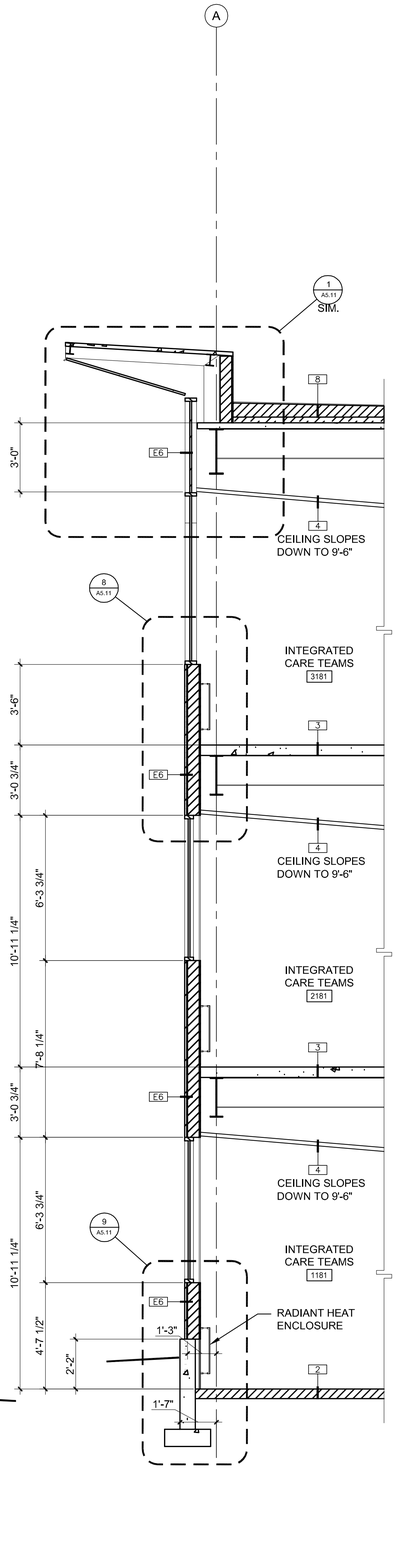
SHEET NO.
A3.21
A3.21 BUILDING SECTIONS.DWG



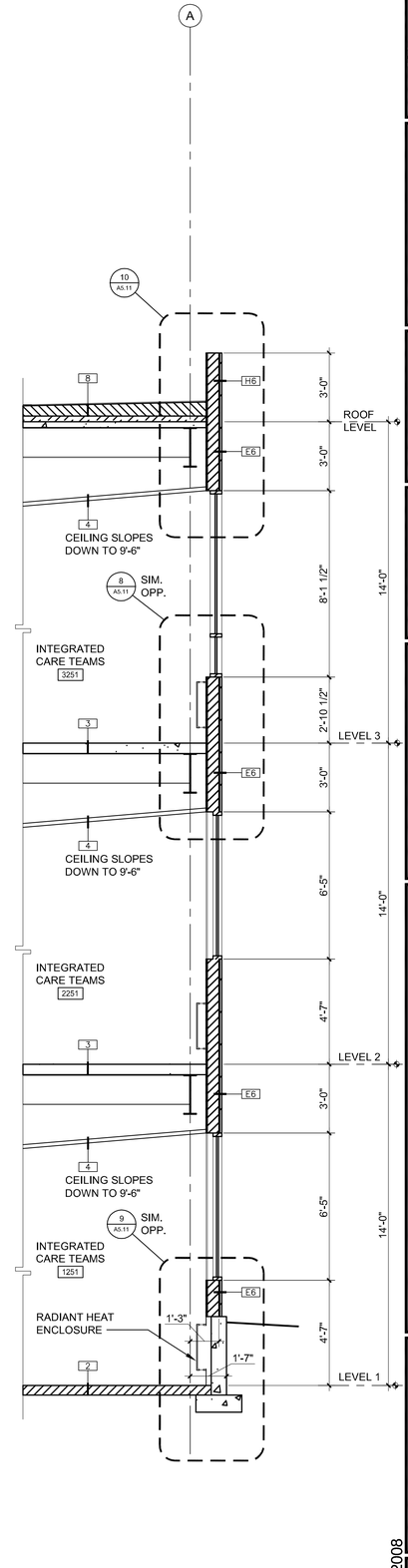
1 WEST ENTRY VESTIBULE
3/8" = 1'-0"



2 WEST ENTRY VESTIBULE
3/8" = 1'-0"



3 WEST INTEGRATED CARE TEAM
3/8" = 1'-0"



4 EAST INTEGRATED CARE TEAM
3/8" = 1'-0"

1 MISCELLANEOUS INFORMATION WAS ADDED FOR CLARIFICATIONS SUCH AS ASSEMBLY TYPE TAGS AND DIMENSIONS.

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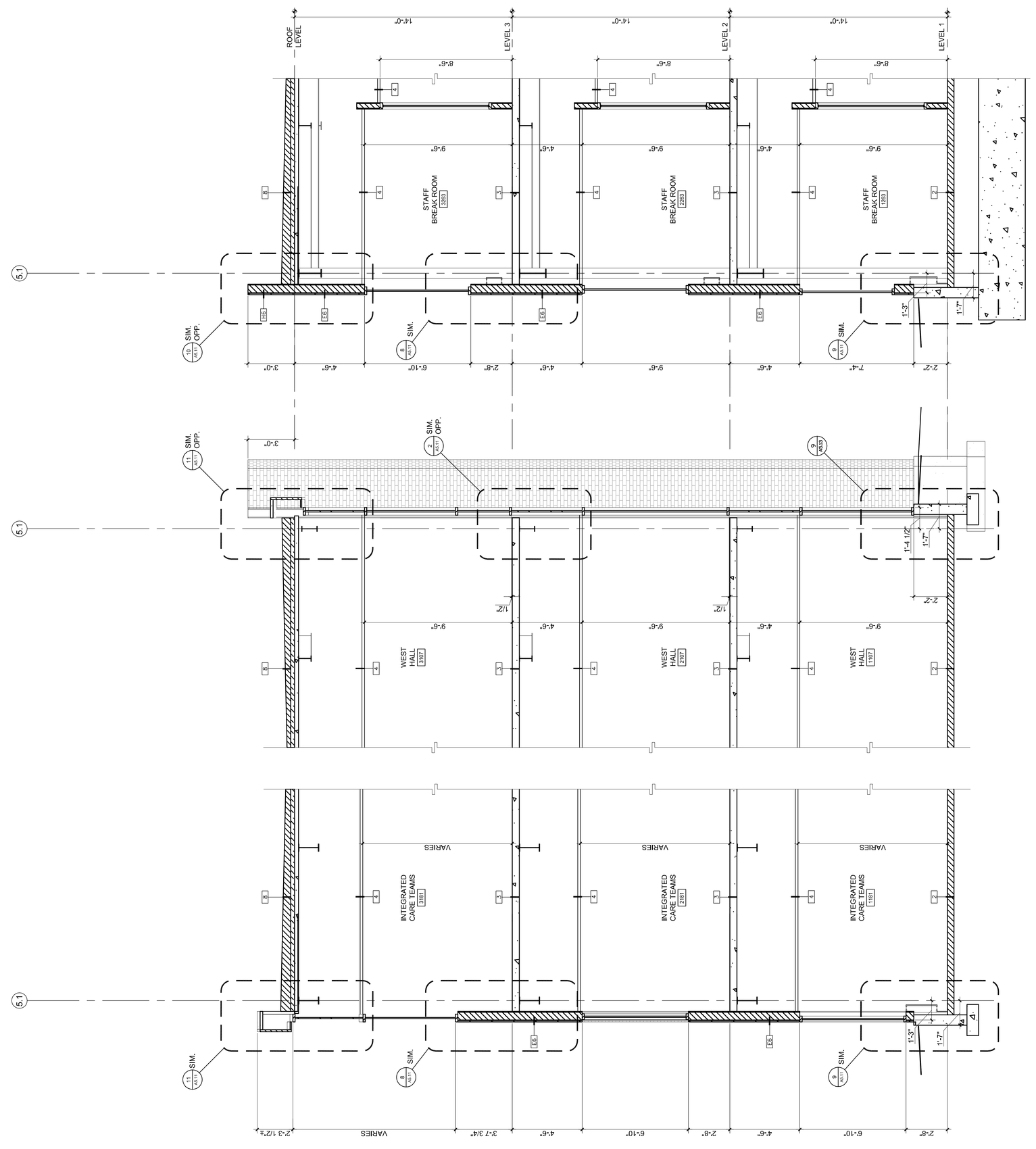
REVIEWED	kb

WALL SECTIONS

SHEET NO.
A3.31

A3.31 WALL SECTIONS.DWG

CONFORMED SET 04-23-2008



3 WEST HALL @ SOUTH WALL
3/8" = 1'-0"

4 SOUTH WALL @ BREAK ROOM
3/8" = 1'-0"

1 WEST INTEGRATED CARE TEAM
3/8" = 1'-0"

2 WEST INTEGRATED CARE TEAM
3/8" = 1'-0"

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WALL SECTIONS

SHEET NO. A3.32

A3.32 WALL SECTIONS.DWG

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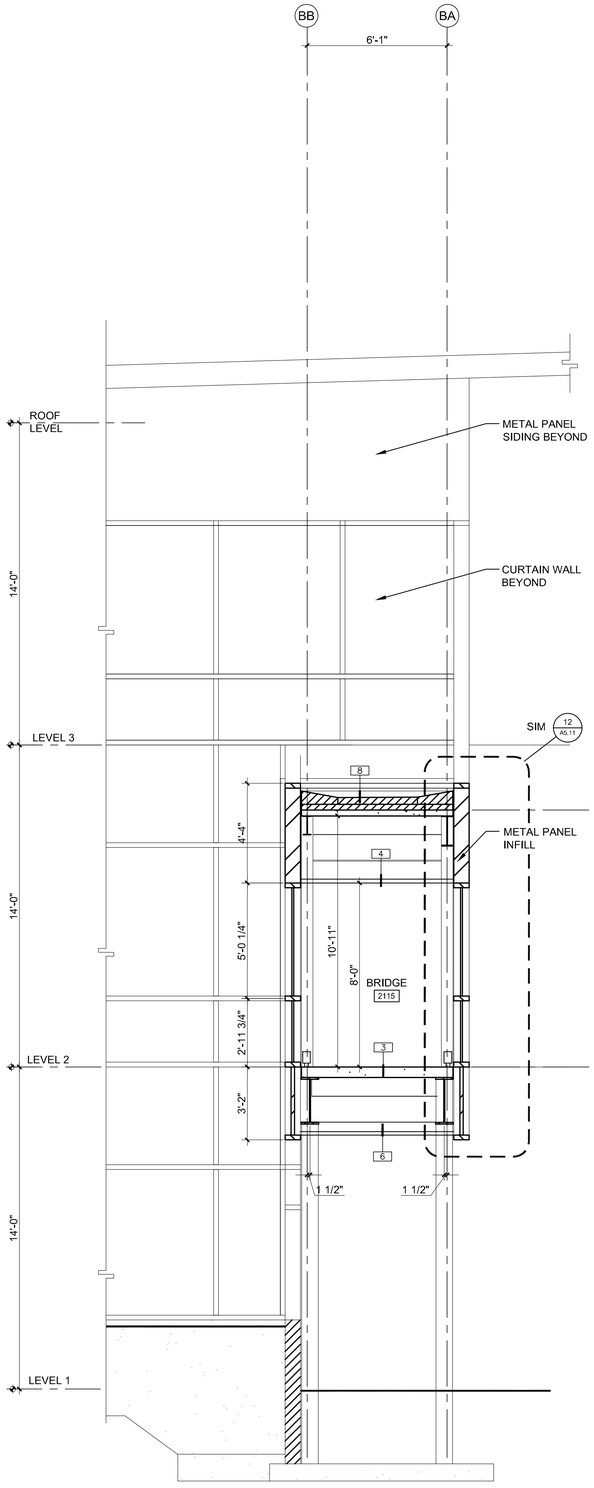
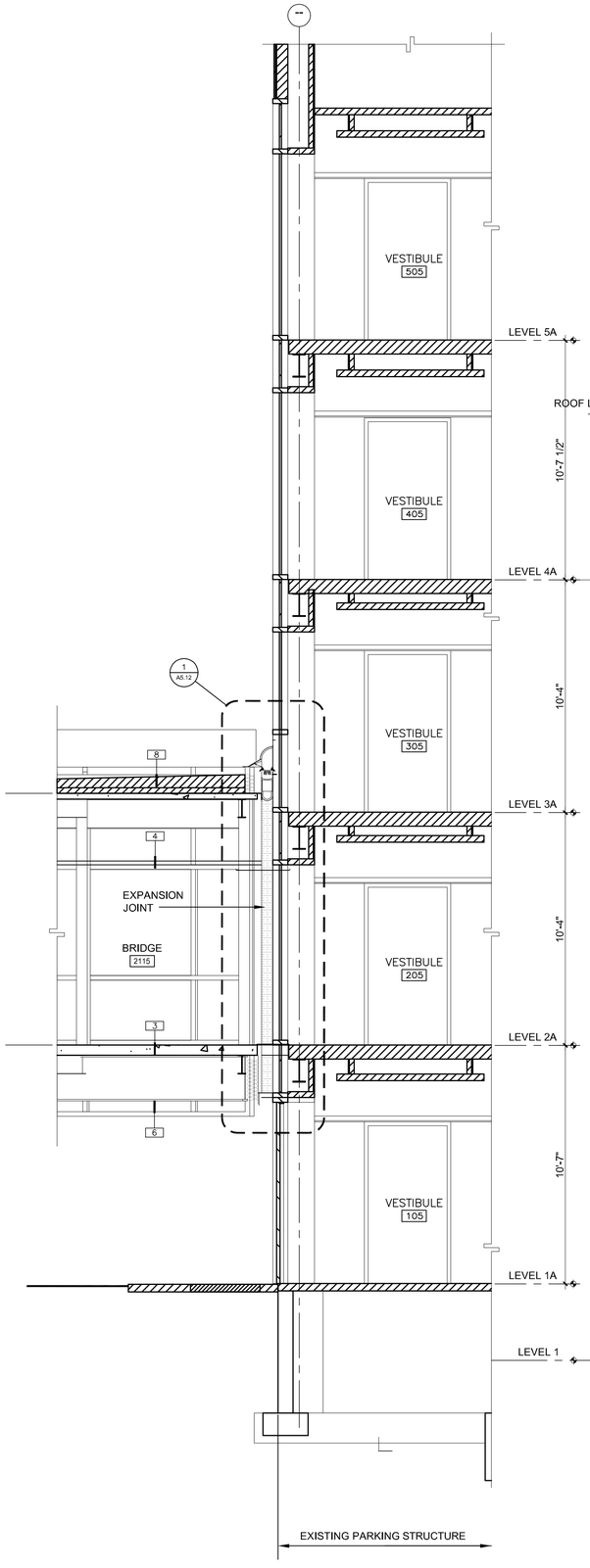
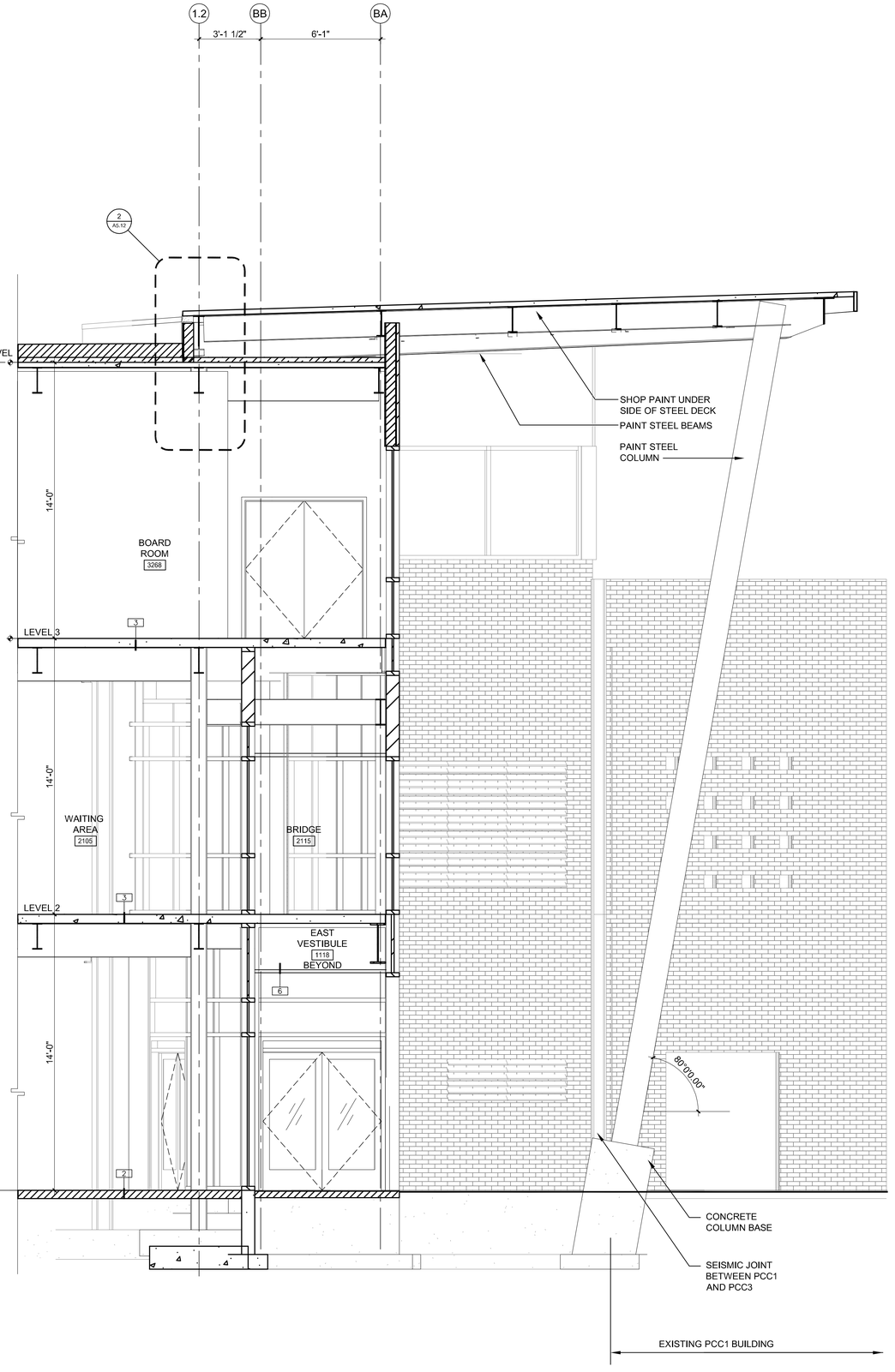


1 BRIDGE LOOKING WEST
3/8" = 1'-0"



2 BRIDGE AT GARAGE
3/8" = 1'-0"



3 BRIDGE THRU CANOPY
3/8" = 1'-0"

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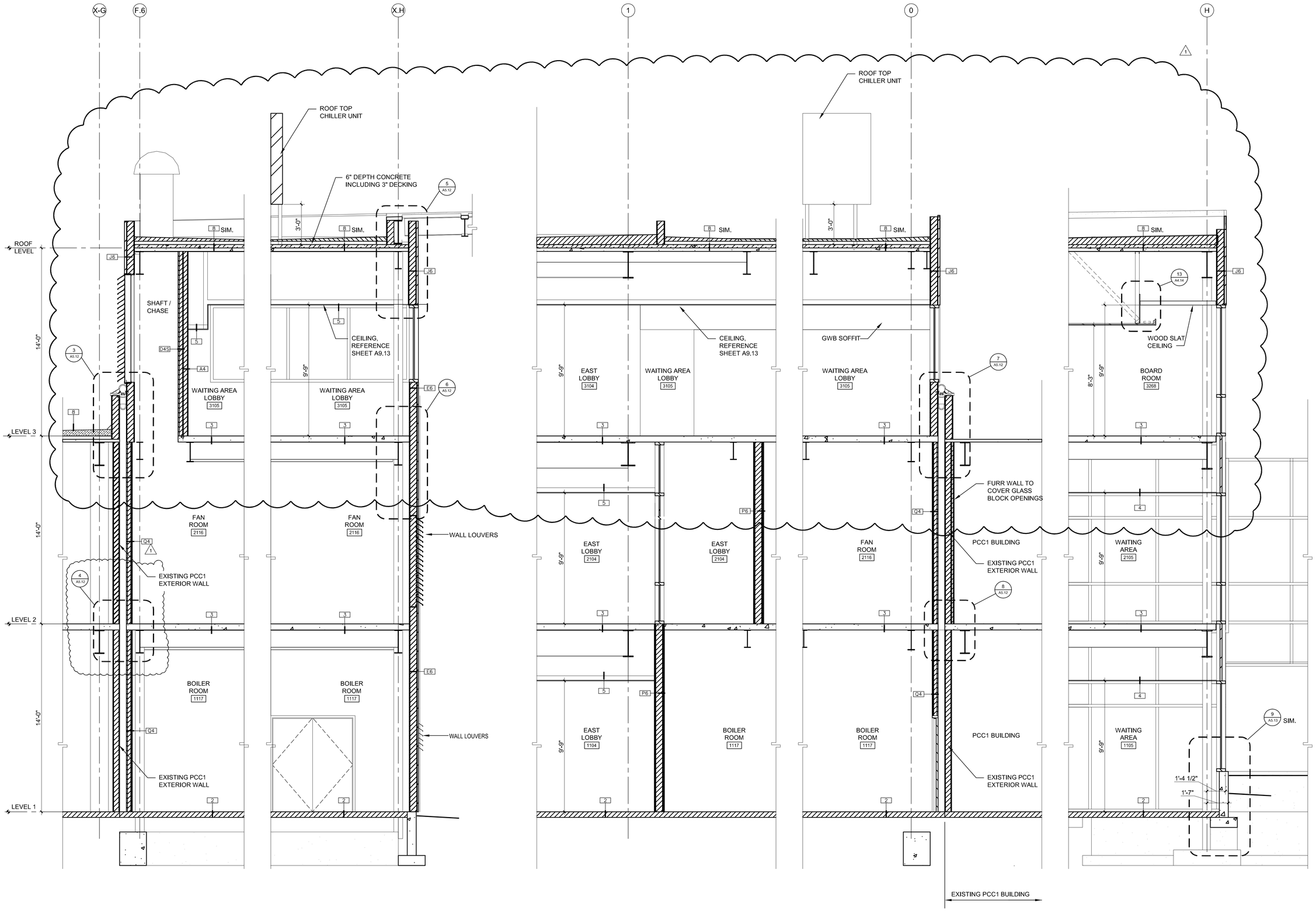
WALL SECTIONS

SHEET NO.
A3.33

A3.33 WALL SECTIONS.DWG



1 BOILER ROOM WEST WALL
3/8" = 1'-0"

2 BOILER ROOM EAST WALL
3/8" = 1'-0"

3 BOILER ROOM SOUTH WALL
3/8" = 1'-0"

4 BOILER ROOM NORTH WALL
3/8" = 1'-0"

5 EAST WAITING AREA EAST WALL
3/8" = 1'-0"

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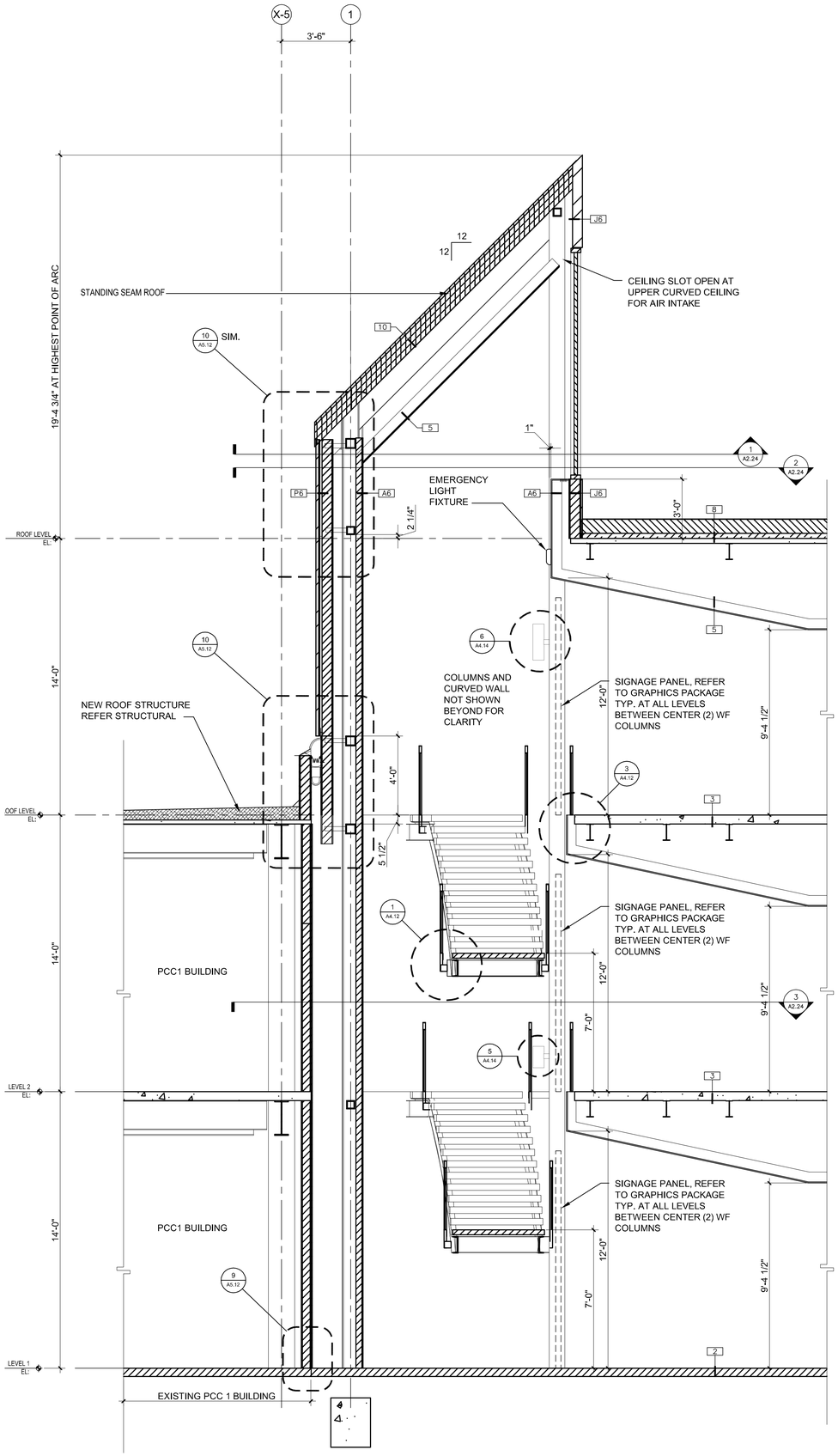
WALL SECTIONS

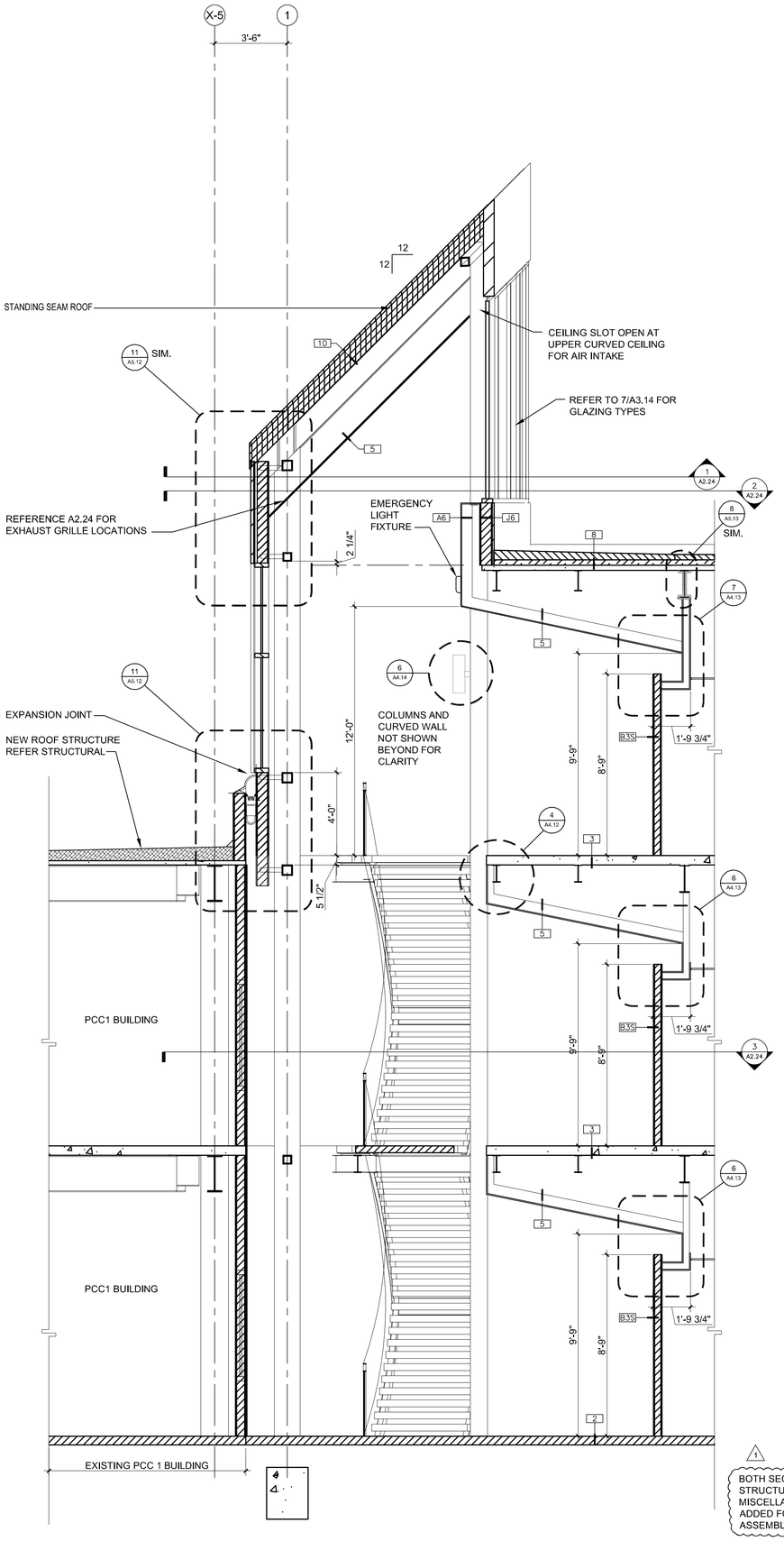
SHEET NO.
A3.34

A3.34 WALL SECTIONS.DWG



1 CENTRAL STAIRS AND LOBBY AT LENS LOOKING EAST
3/8" = 1'-0"

CUT AT CENTER OF LENS



2 CENTRAL STAIRS AND LOBBY AT LENS LOOKING EAST
3/8" = 1'-0"

CUT WEST OF CENTER OF LENS

1 BOTH SECTIONS UPDATED FOR STRUCTURAL FRAMING AND MISCELLANEOUS INFORMATION WAS ADDED FOR CLARIFICATIONS SUCH AS ASSEMBLY TYPE TAGS AND DIMENSIONS.

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REVISIONS
1 CONFORMED SET 04-23-08
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JOB NO.	A6070.01
DATE	4/23/2008
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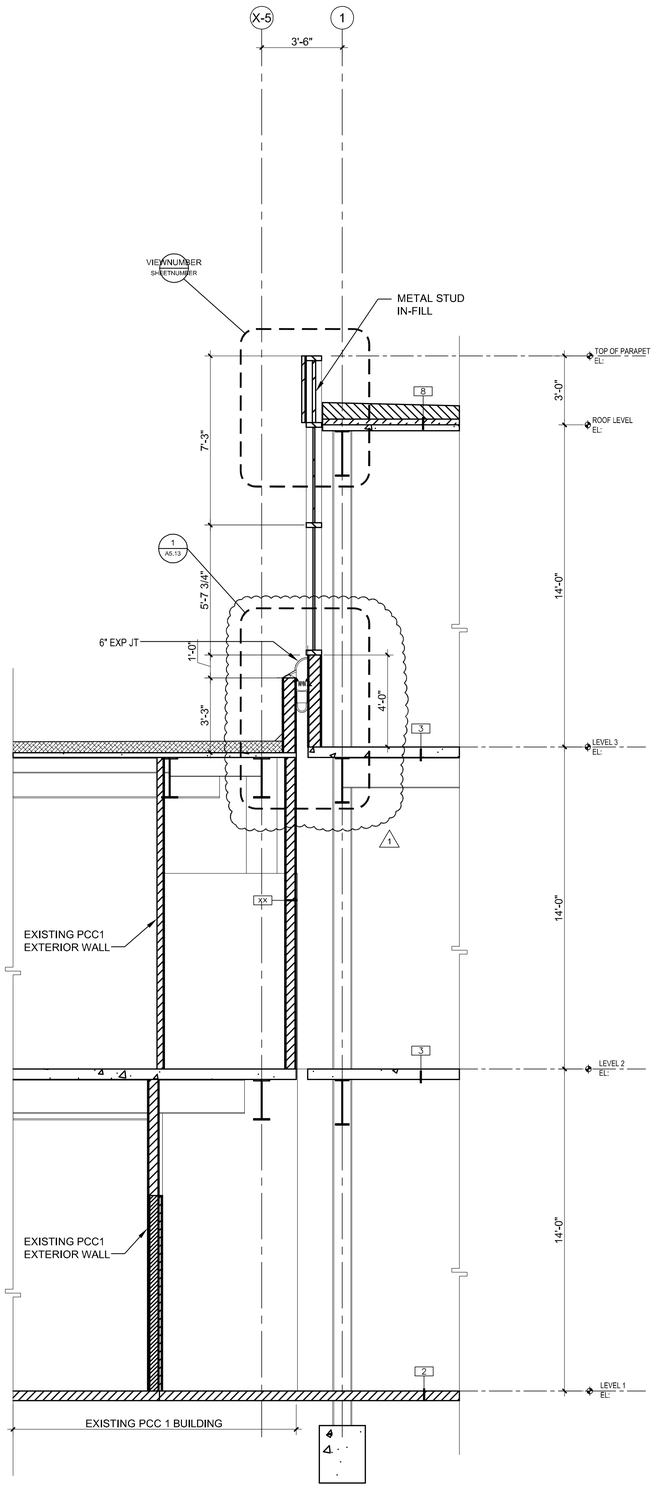
REVIEWED	kb

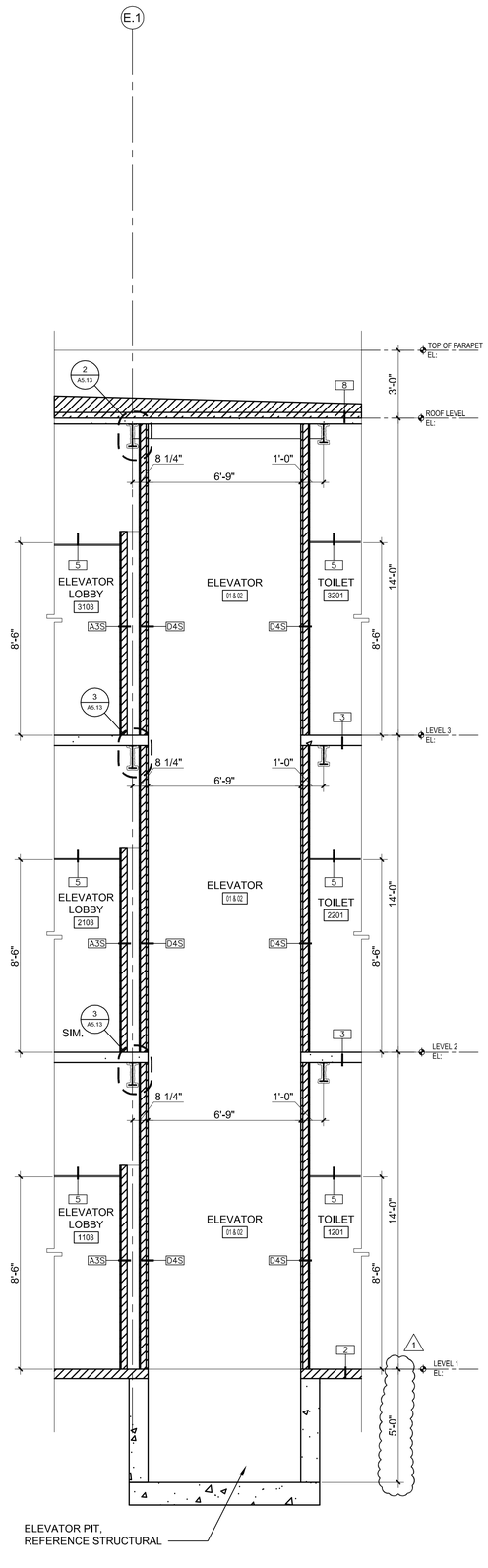
WALLS SECTIONS

SHEET NO.
A3.35

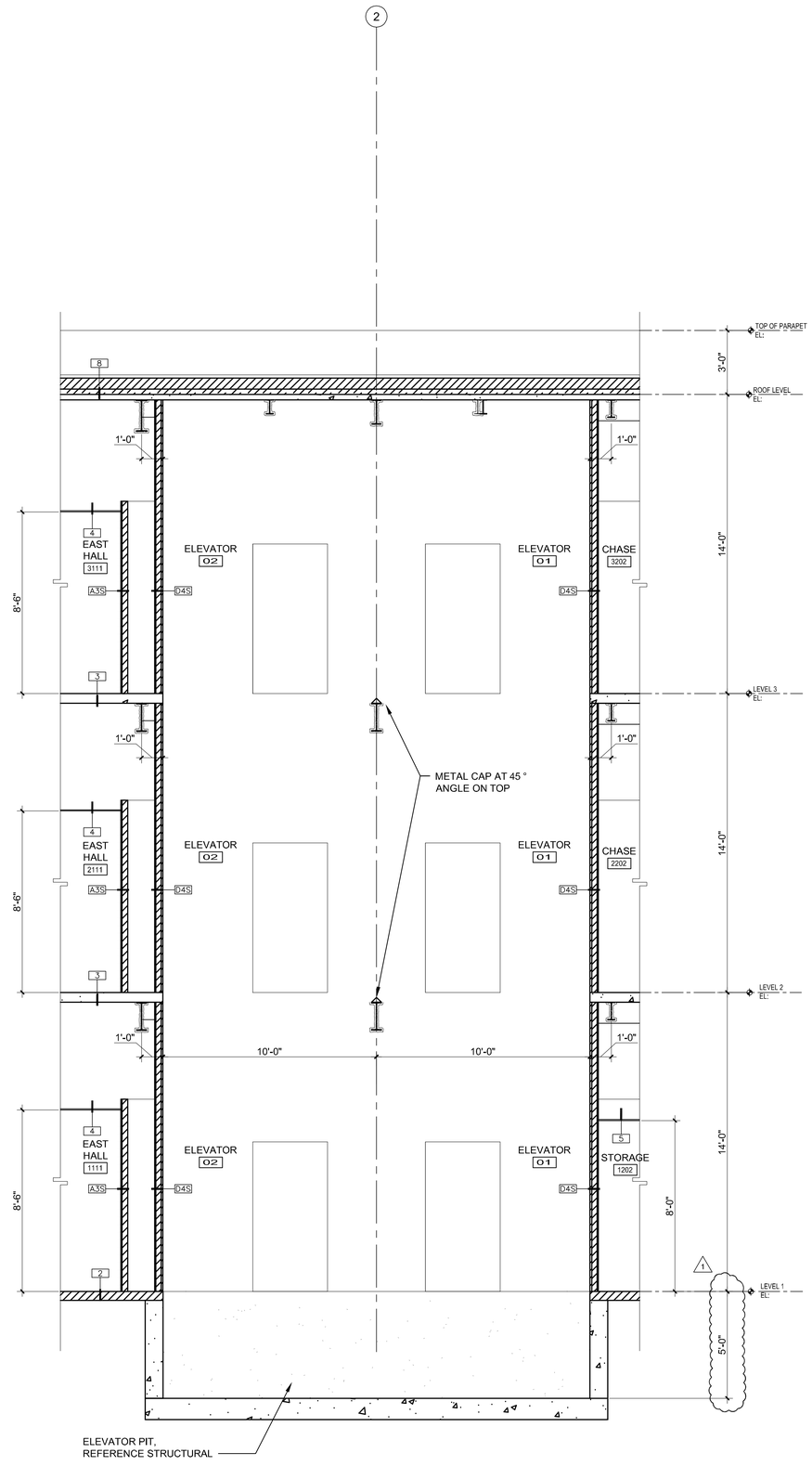
A3.35 WALLS SECTIONS.DWG



1 NORTH WALL AT LOBBY & PCC1
3/8" = 1'-0"



2 ELEVATOR CROSS SECTION
3/8" = 1'-0"



3 ELEVATOR LONGITUDINAL SECTION
3/8" = 1'-0"

1 MISCELLANEOUS INFORMATION WAS ADDED FOR CLARIFICATIONS SUCH AS ASSEMBLY TYPE TAGS AND DIMENSIONS.

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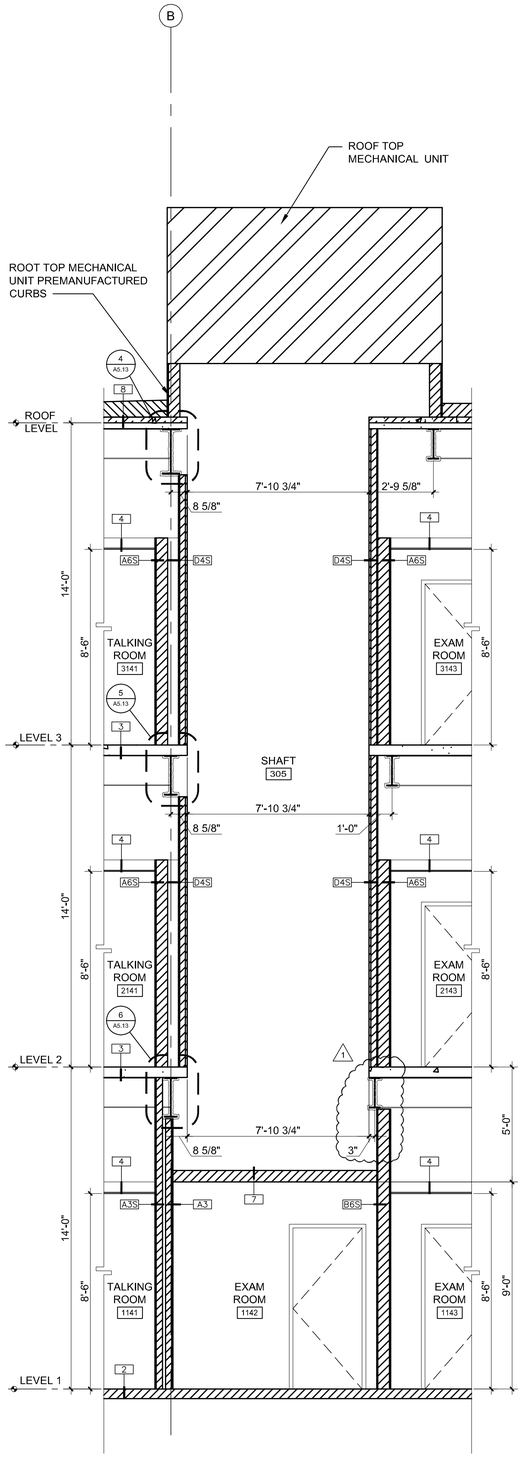
REVIEWED	kb

CONFORMED SET 04-23-2008

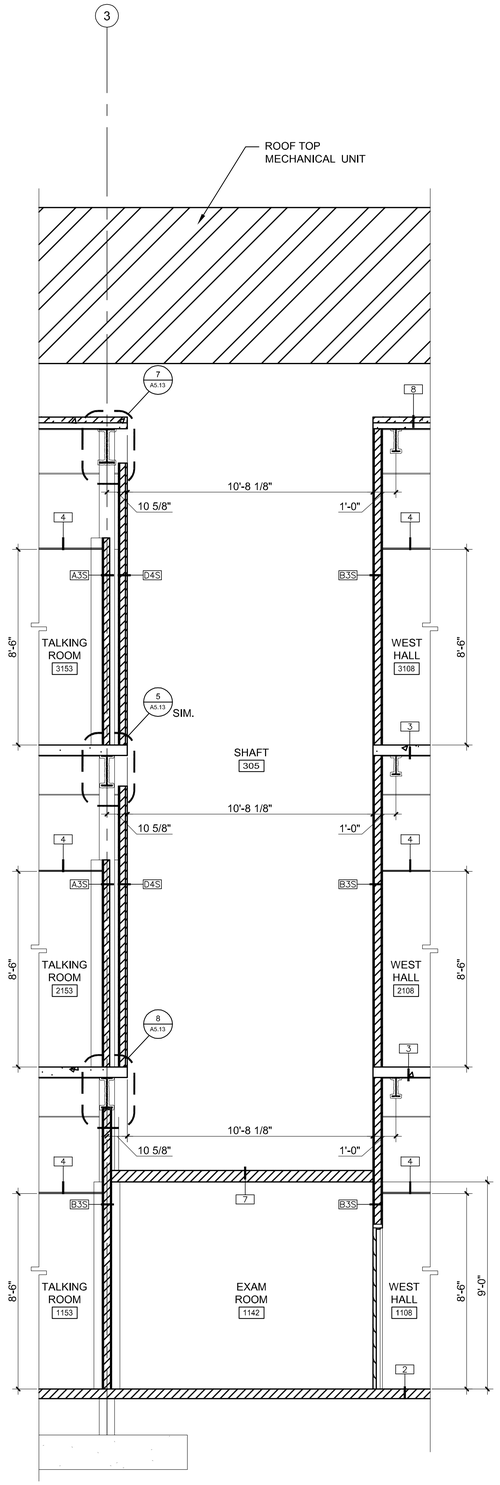
WALL SECTIONS

SHEET NO.
A3.36

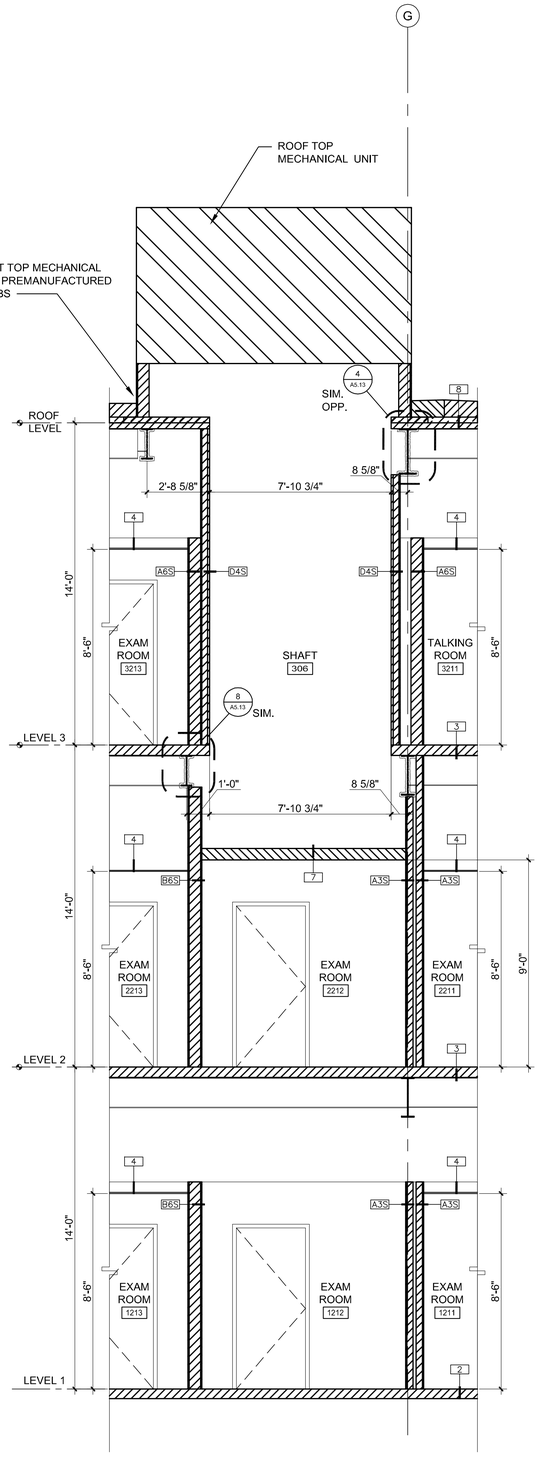
A3.36 WALL SECTIONS.DWG



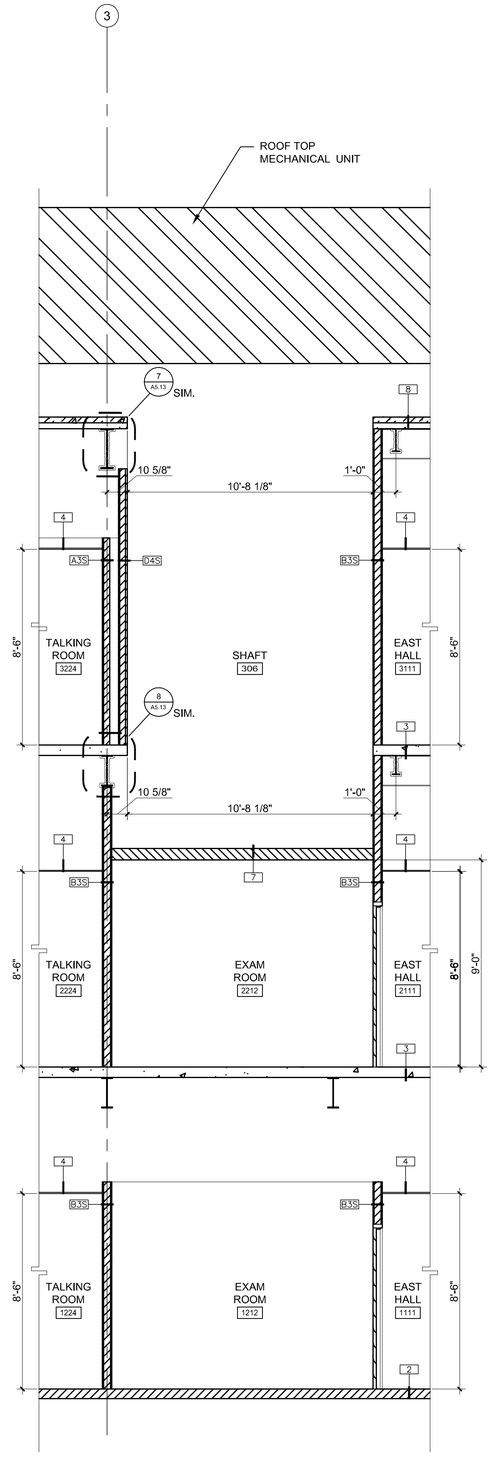
1 WEST SHAFT - LOOKING NORTH
3/8" = 1'-0"



2 WEST SHAFT - LOOKING WEST
3/8" = 1'-0"



3 EAST SHAFT - LOOKING NORTH
3/8" = 1'-0"



4 EAST SHAFT - LOOKING WEST
3/8" = 1'-0"

1 MISCELLANEOUS INFORMATION WAS ADDED FOR CLARIFICATIONS SUCH AS ASSEMBLY TYPE TAGS AND DIMENSIONS.

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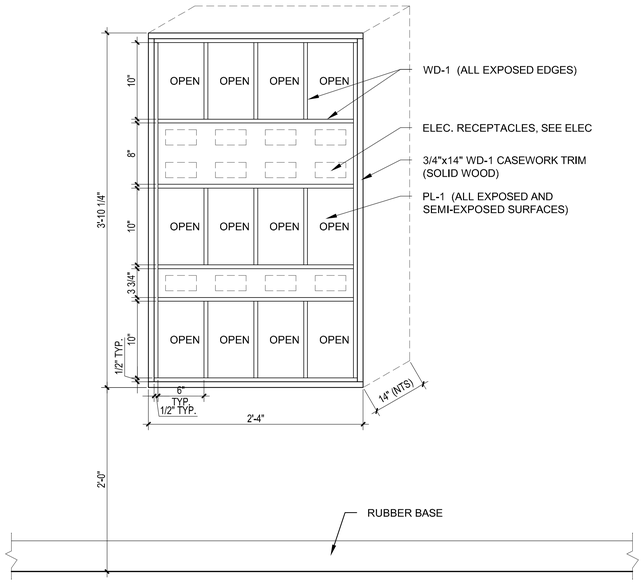
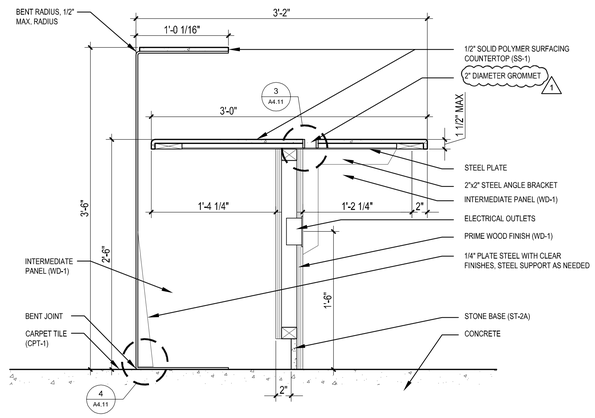
CONFORMED SET 04-23-2008

SHAFT SECTIONS

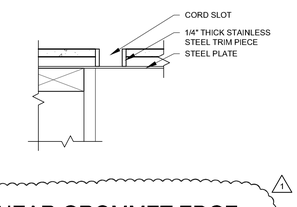
SHEET NO.
A3.37
A3.37 SHAFT SECTIONS.DWG



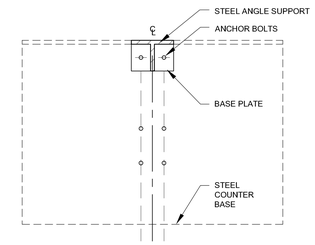
1 CHART PASS THRU CABINET
1 1/2" = 1'-0"



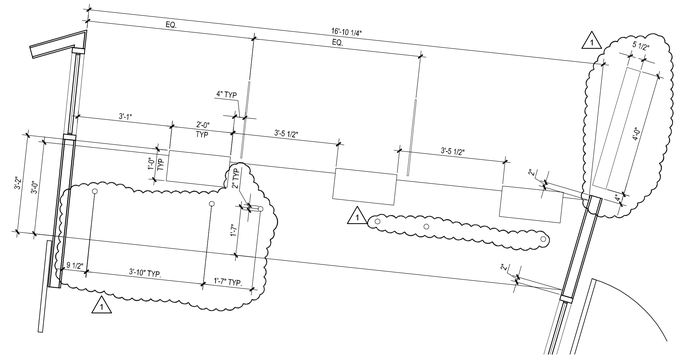
2 FRONT DESK SECTION
1 1/2" = 1'-0"



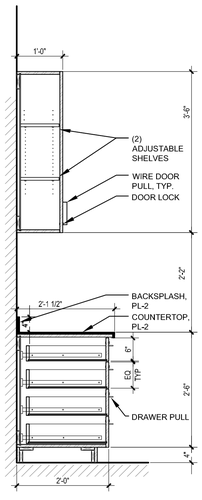
3 LINEAR GROMMET EDGE
3" = 1'-0"



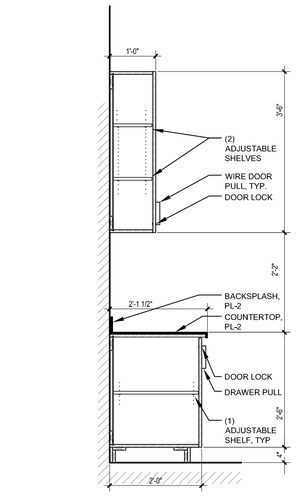
4 STEEL BASE PLATE PLAN
3" = 1'-0"



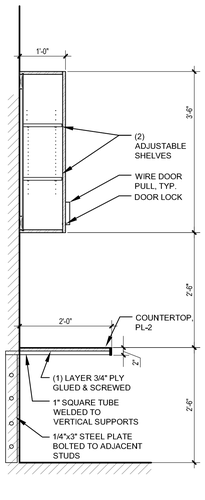
5 ENLARGED FRONT DESK
1/2" = 1'-0"



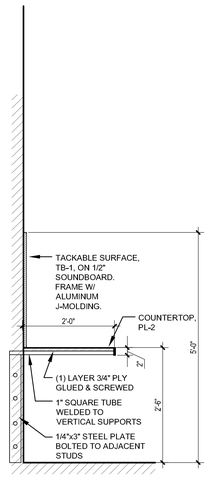
6 CABINETRY DETAIL — CLEAN UTILITY
3/4" = 1'-0"



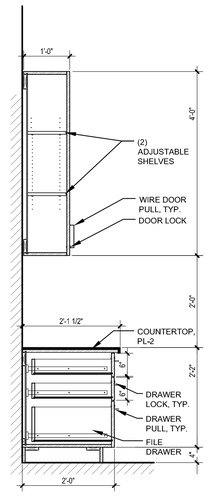
7 CABINETRY DETAIL — GENERAL & SPECIAL PROCEDURE
3/4" = 1'-0"



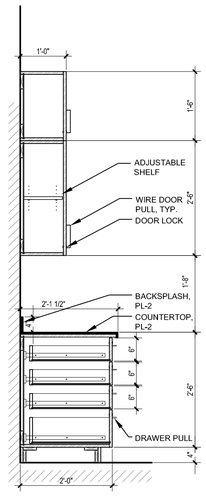
8 CABINETRY DETAIL — CHARTS & COPY
3/4" = 1'-0"



9 CABINETRY DETAIL — PHONE
3/4" = 1'-0"



10 CABINETRY DETAIL — NURSE CLINIC / FAMILY / EXAM
3/4" = 1'-0"



11 CABINETRY DETAIL — FAMILY ROOM II
3/4" = 1'-0"

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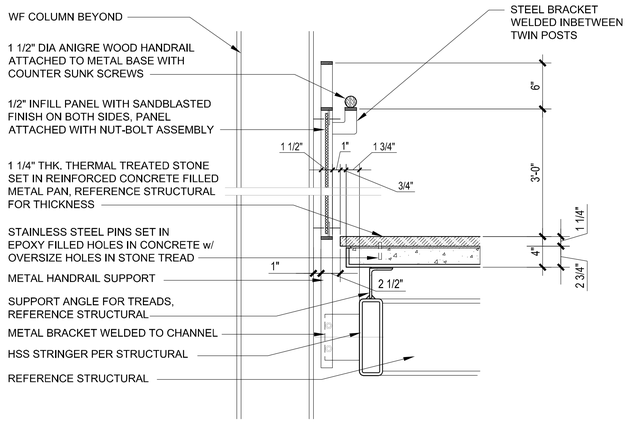
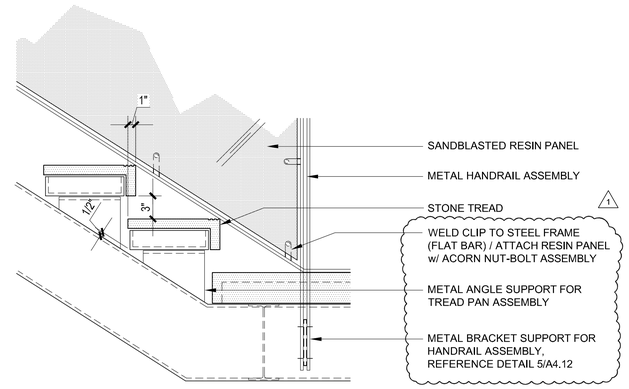
REVIEWED	kb

INTERIOR DETAILS

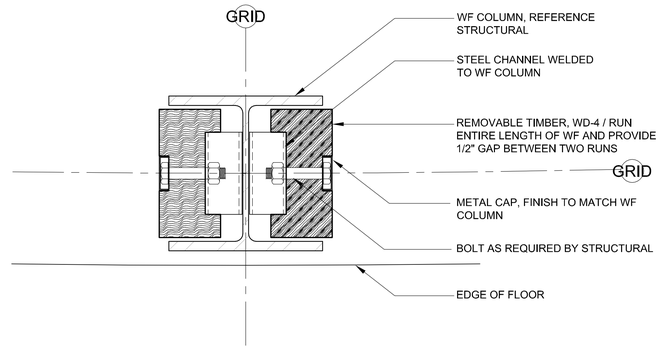
SHEET NO.
A4.11
A4.11 DETAILS.DWG



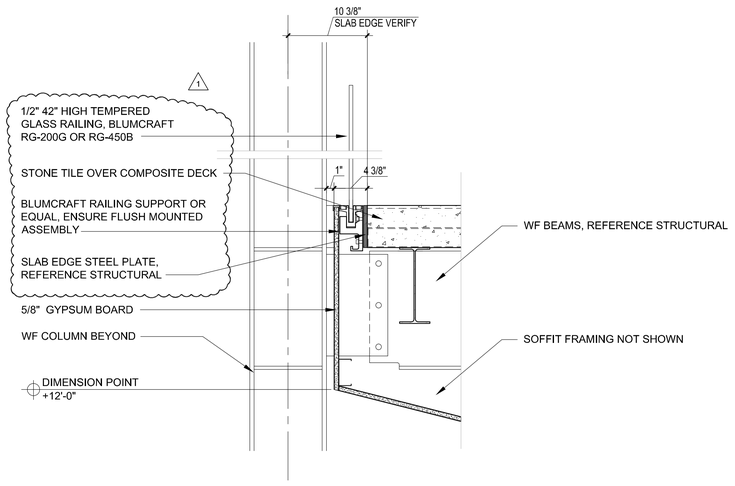
1 SECTION DETAIL AT STAIR TREAD
1 1/2" = 1'-0"



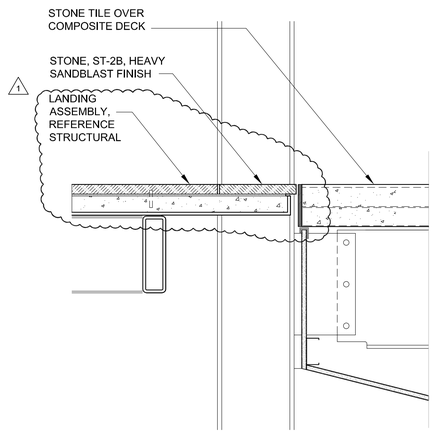
2 ELEVATION DETAIL AT STAIR TREAD
1 1/2" = 1'-0"



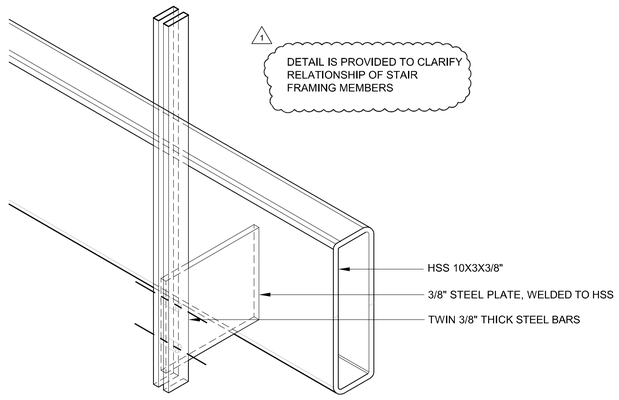
7 DETAIL AT LENS WF COLUMN
3" = 1'-0"



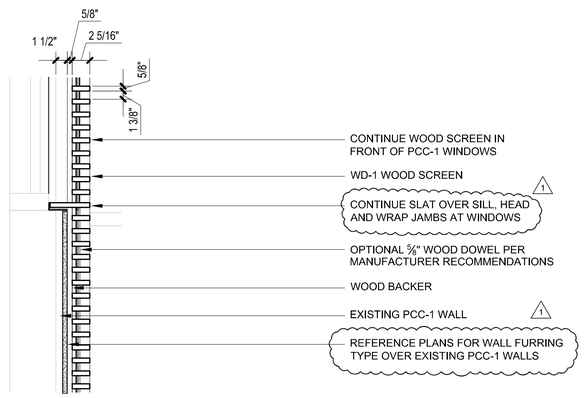
3 SECTION DETAIL AT LOBBY HANDRAIL
1 1/2" = 1'-0"



4 SECTION DETAIL AT FLOOR LANDING THRESHOLD
1 1/2" = 1'-0"



5 DETAIL AXONOMETRIC SHOWING STAIR HANDRAIL
1 1/2" = 1'-0"



6 DETAIL AT WOOD SCREEN
1 1/2" = 1'-0"

NOTE:
AESS STEEL REQUIRED FOR FINISHED AND EXPOSED STEEL THROUGHOUT THE STAIRS, COLUMNS AND SUPPORTS IN THE LOBBY. REFERENCE STRUCTURAL FOR MEMBERS REQUIRED TO BE AESS.

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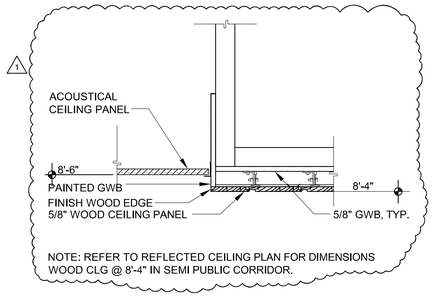
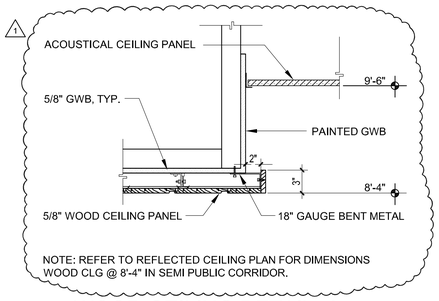
CONFORMED SET 04-23-2008

INTERIOR DETAILS - LOBBY

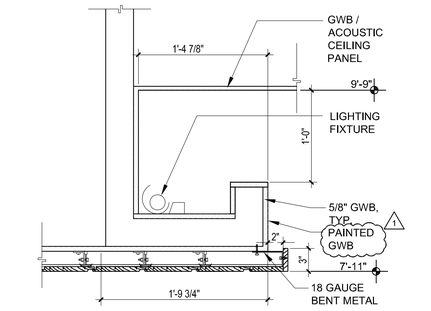
SHEET NO.
A4.12
A4.12 INTERIOR DETAILS - LOBBY.DWG



1 WOOD CEILING DETAIL -B
1 1/2" = 1'-0"

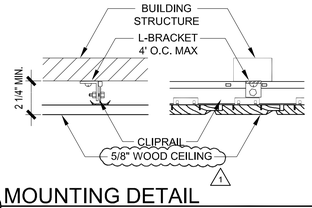


2 WOOD CEILING DETAIL -A
1 1/2" = 1'-0"

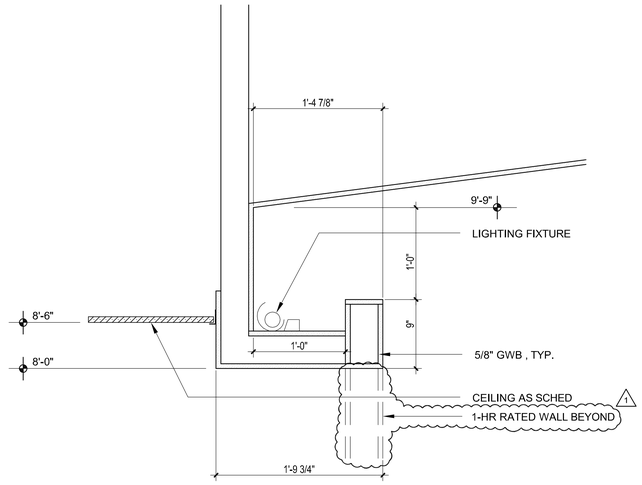


3 WOOD CEILING DETAIL -C
1 1/2" = 1'-0"

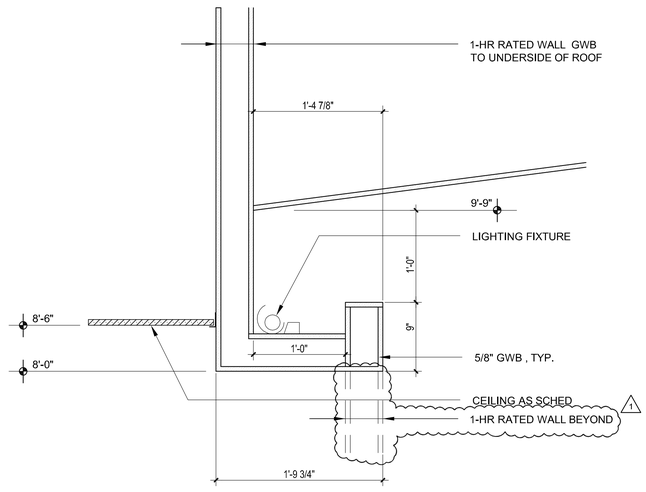
4 NOT USED
3" = 1'-0"



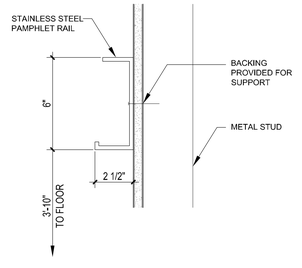
5 MOUNTING DETAIL
3" = 1'-0"



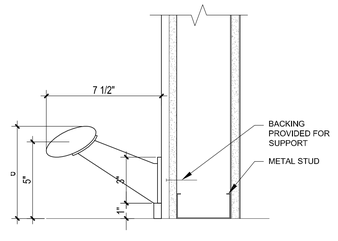
6 LIGHT SOFFIT
1 1/2" = 1'-0"



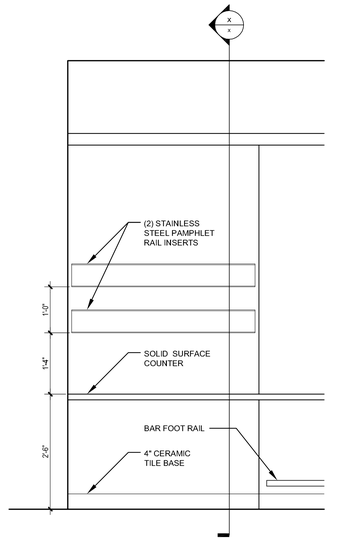
7 LIGHT SOFFIT @ RATED WALL
1 1/2" = 1'-0"



8 PAMPHLET RACK DETAIL
3" = 1'-0"

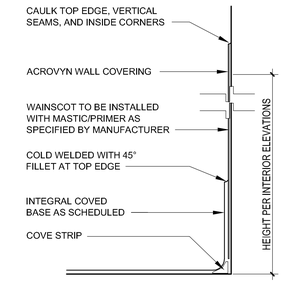


9 BAR FOOT RAIL
3" = 1'-0"

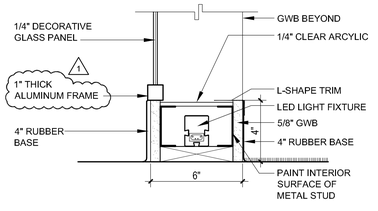


10 PAMPHLET RACK ELEVATION
3/4" = 1'-0"

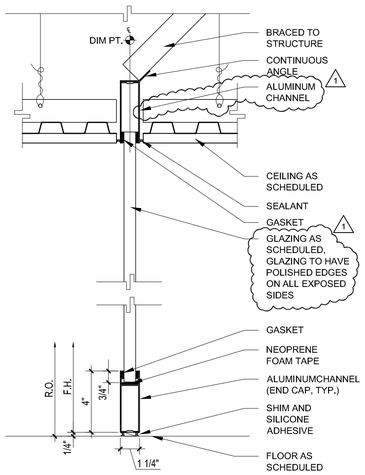
11 ALUMINUM J TRIM
3" = 1'-0"



12 INTEGRAL COVE BASE
3" = 1'-0"

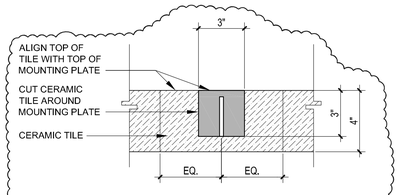


13 LIGHT @ TALKING ROOM
3" = 1'-0"



14 GLASS PARTITION WALL
3" = 1'-0"

15 WALL REVEAL
3" = 1'-0"



16 BAR FOOT RAIL ELEV
3" = 1'-0"

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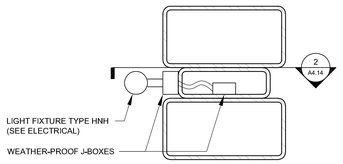
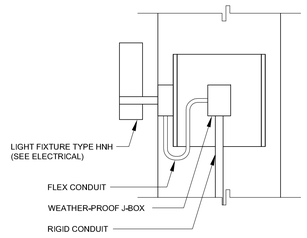
INTERIOR DETAILS

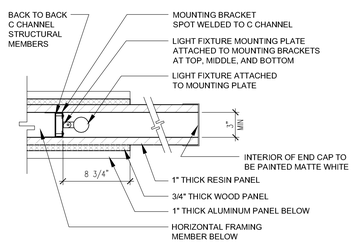
SHEET NO.
A4.13
A4.13 INTERIOR DETAILS.DWG



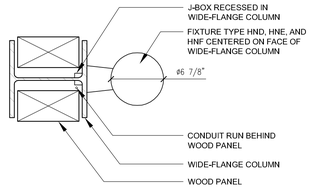
1 EXTERIOR COLUMN DETAIL
1 1/2" = 1'-0"



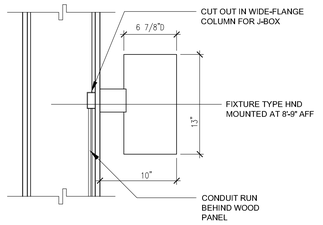
2 EXTERIOR COLUMN SECTION
1 1/2" = 1'-0"



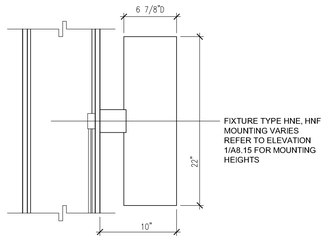
3 SIGNAGE LIGHTING
1 1/2" = 1'-0"



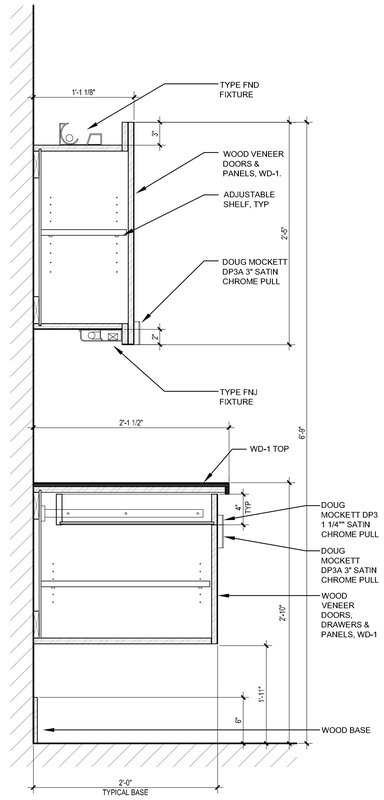
4 LENS COLUMN LIGHT FIXTURES
1 1/2" = 1'-0"



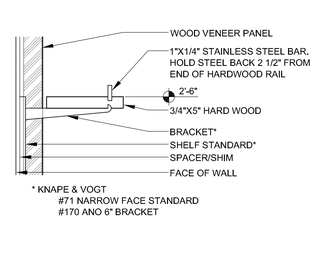
5 LENS COLUMN LIGHT FIXTURES
1 1/2" = 1'-0"



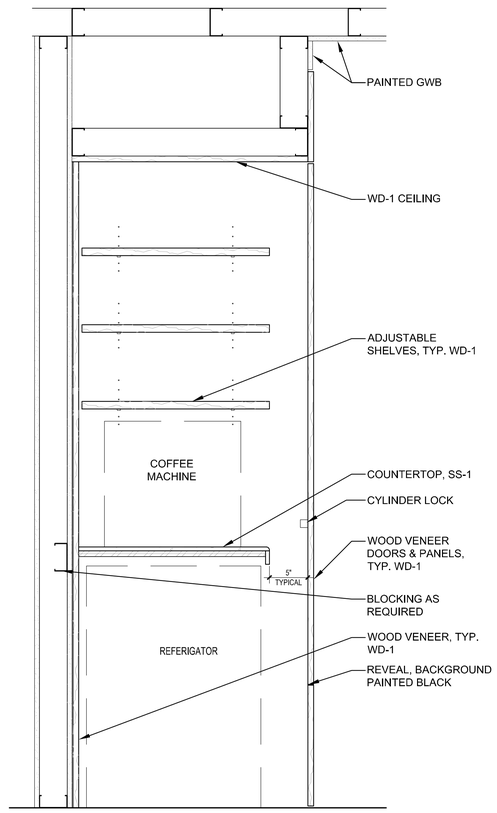
6 LENS COLUMN LIGHT FIXTURES
1 1/2" = 1'-0"



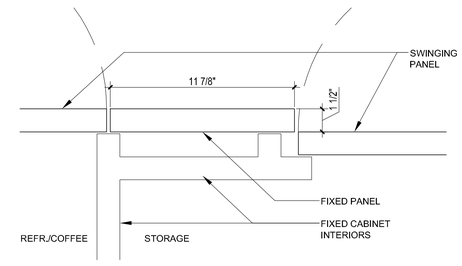
7 CABINETRY DETAIL
1 1/2" = 1'-0"



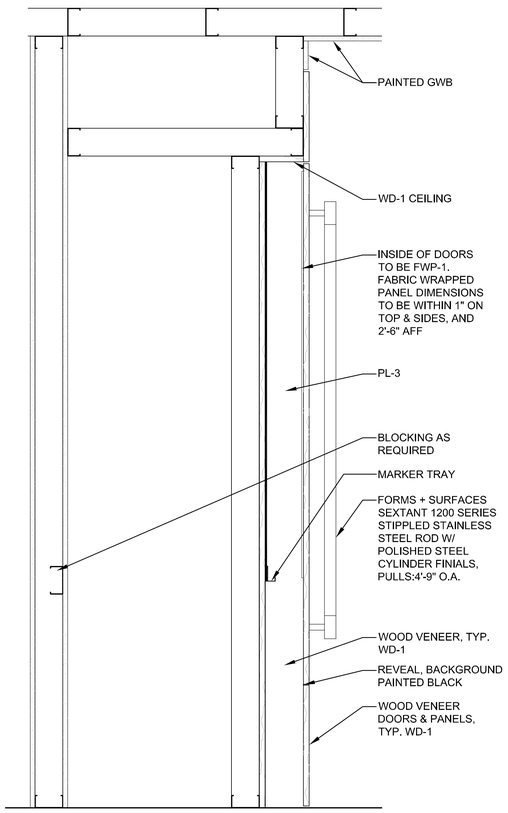
8 REMOVABLE CHART RAIL
3" = 1'-0"



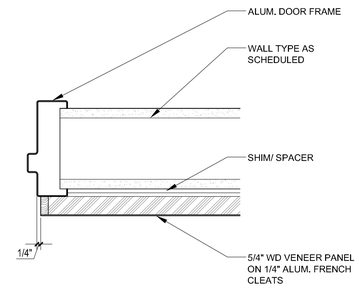
9 CABINETRY DETAIL
1 1/2" = 1'-0"



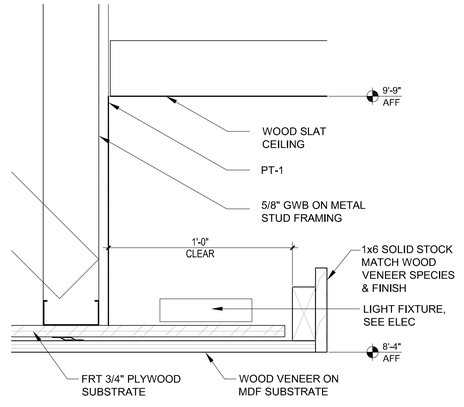
10 PANEL OFFSET
3" = 1'-0"



11 CABINETRY DETAIL
1 1/2" = 1'-0"



12 WOOD VENEER PANEL
3" = 1'-0"



13 BOARD ROOM SOFFIT
3" = 1'-0"

1 THIS SHEET IS ADDED FOR THE THIRD FLOOR REVISIONS, ADDED BOARD ROOM AND MISCELLANEOUS DETAILS.

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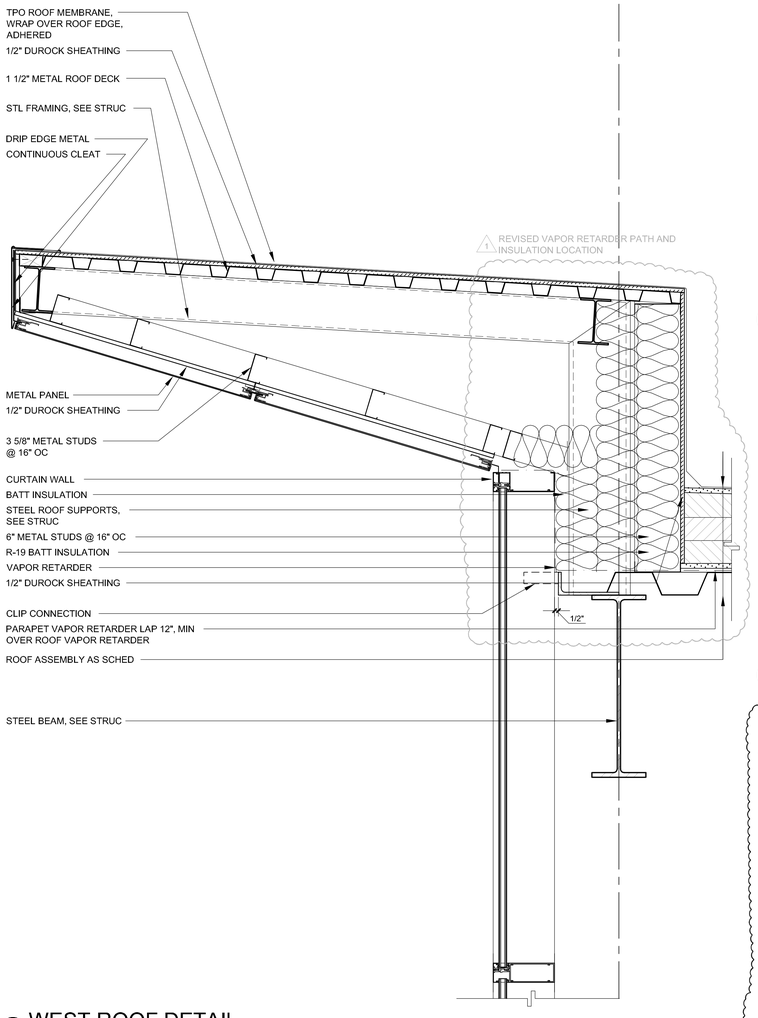
REVIEWED	kb

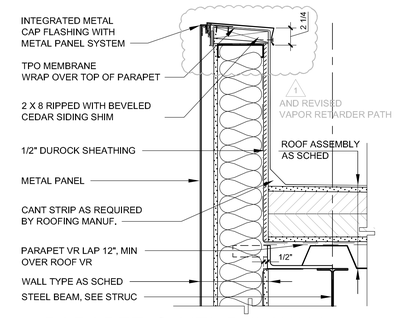
CONFORMED SET 04-23-2008

INTERIOR DETAILS

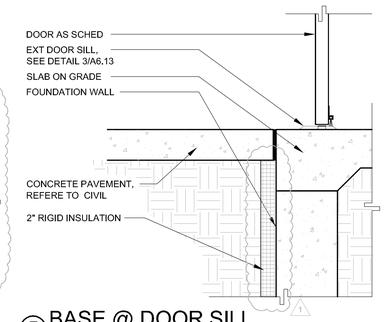
SHEET NO.
A4.14
A4.14 INTERIOR DETAILS.DWG



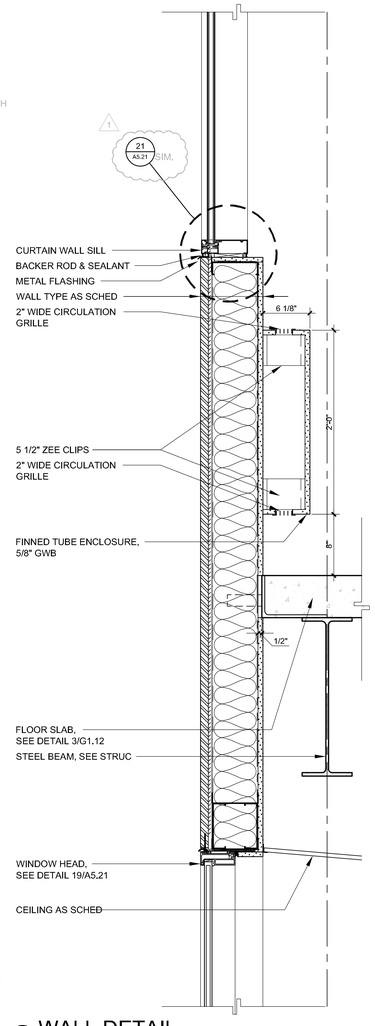
1 WEST ROOF DETAIL
1 1/2" = 1'-0"



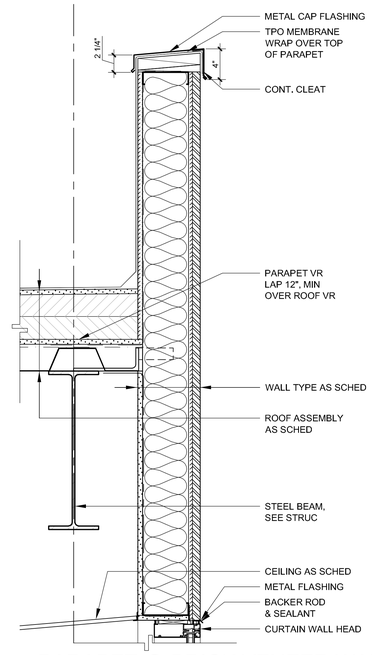
4 PARAPET @ MTL PNL WALL
1 1/2" = 1'-0"



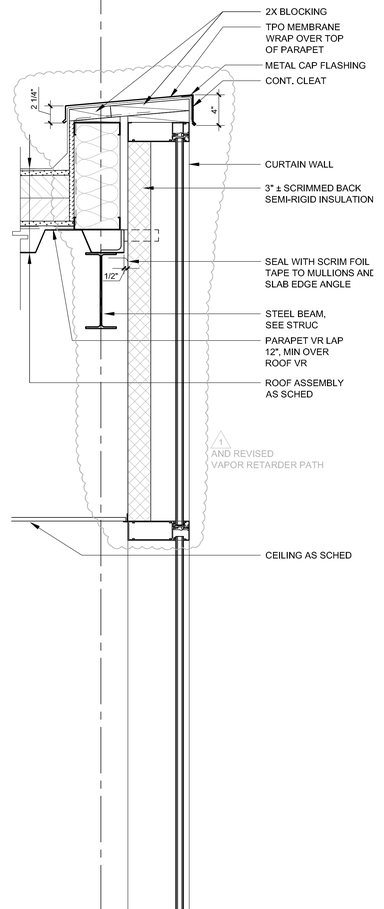
5 BASE @ DOOR SILL
1 1/2" = 1'-0"

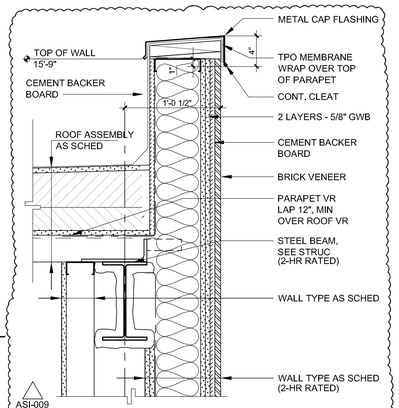


8 WALL DETAIL
1 1/2" = 1'-0"

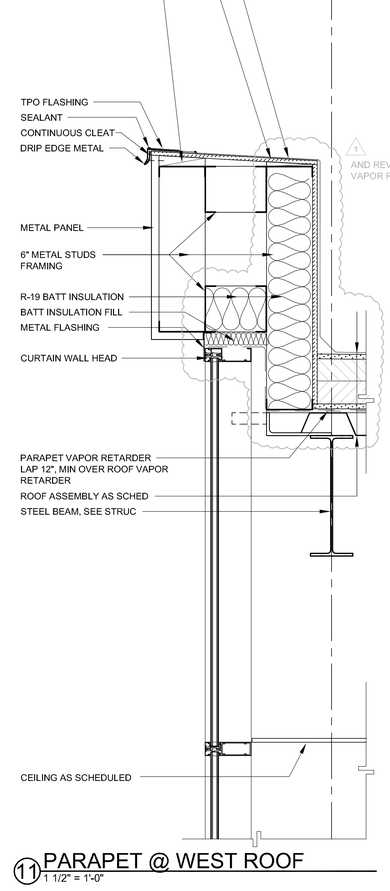


10 PARAPET @ BRICK VENEER WA
1 1/2" = 1'-0"

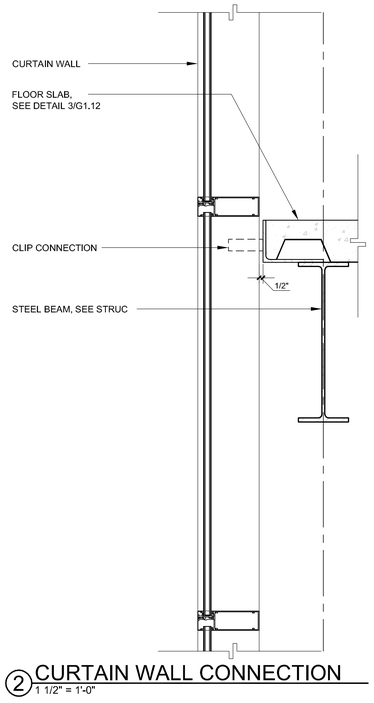




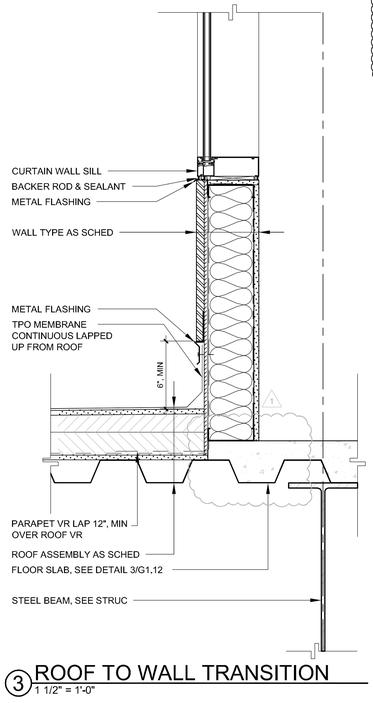
6 PARAPET @ BRK VENEER WALL
1 1/2" = 1'-0"



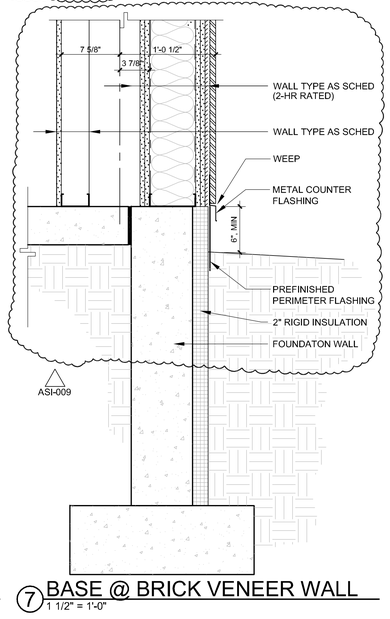
11 PARAPET @ WEST ROOF
1 1/2" = 1'-0"



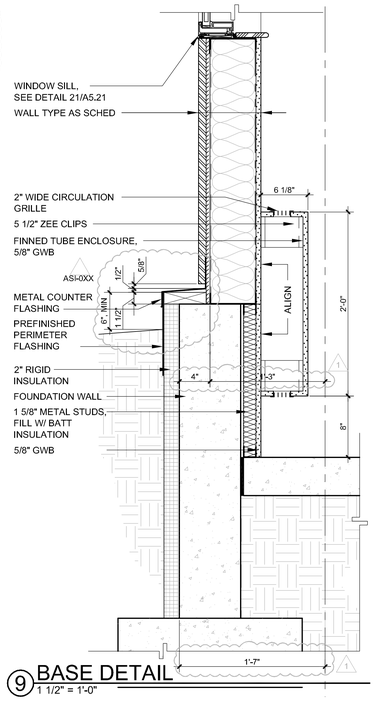
2 CURTAIN WALL CONNECTION
1 1/2" = 1'-0"



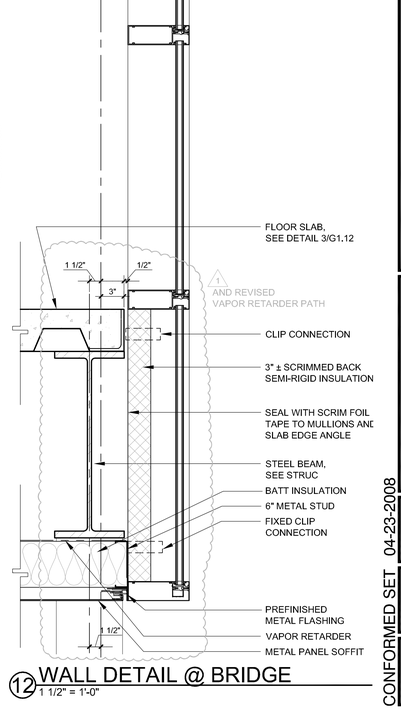
3 ROOF TO WALL TRANSITION
1 1/2" = 1'-0"



7 BASE @ BRICK VENEER WALL
1 1/2" = 1'-0"



9 BASE DETAIL
1 1/2" = 1'-0"



12 WALL DETAIL @ BRIDGE
1 1/2" = 1'-0"

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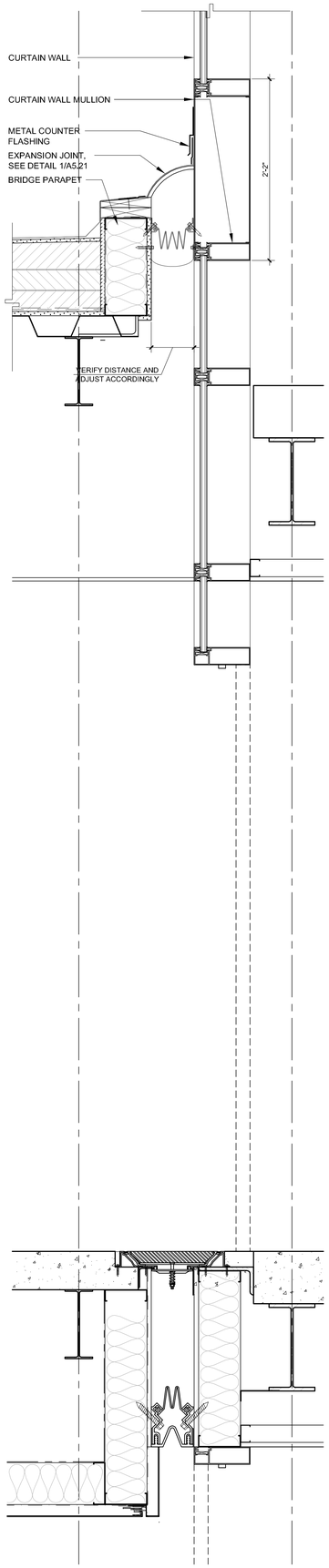
REVIEWED	kb

CONFORMED SET 04-23-2008

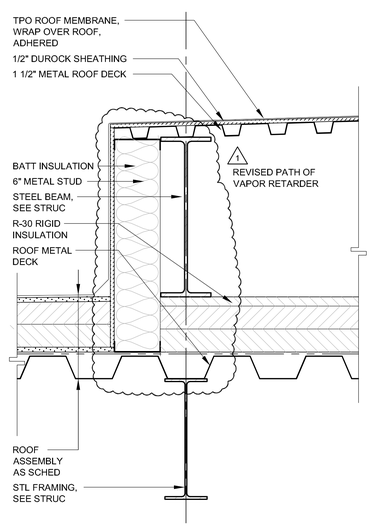
SECTION DETAILS

SHEET NO.
A5.11

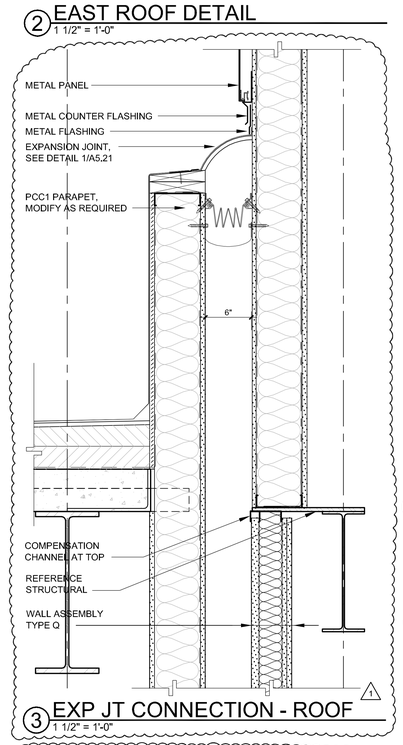
A5.11 SECTION DETAILS.DWG



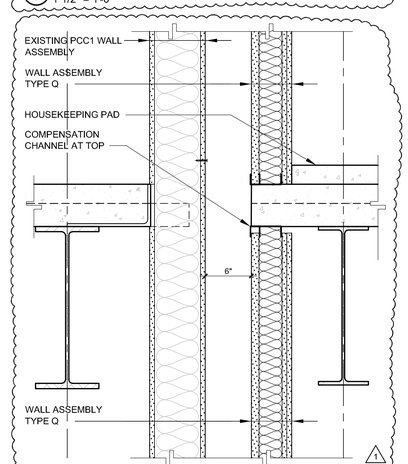
1 BRIDGE TO GARAGE DETAIL
1 1/2" = 1'-0"



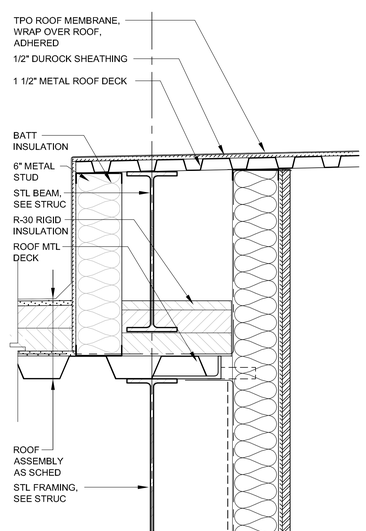
2 EAST ROOF DETAIL
1 1/2" = 1'-0"



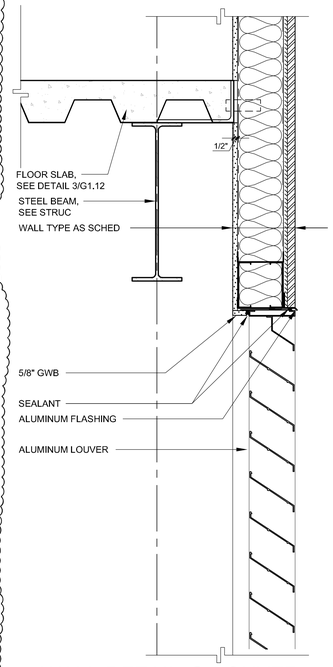
3 EXP JT CONNECTION - ROOF
1 1/2" = 1'-0"



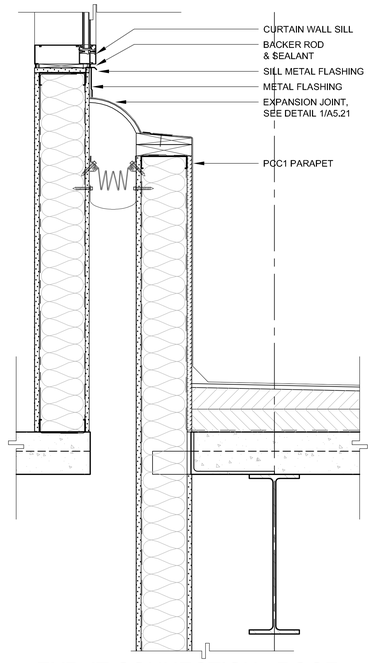
4 EXP JT CONNECTION - FLOOR
1 1/2" = 1'-0"



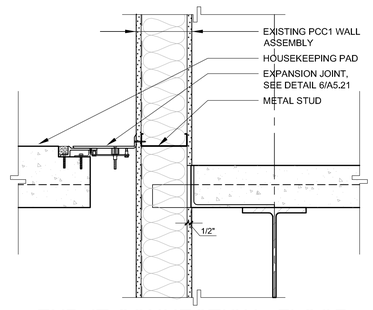
5 EAST ROOF DETAIL
1 1/2" = 1'-0"



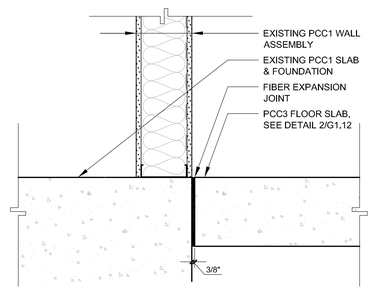
6 WALL DETAIL @ LOUVER
1 1/2" = 1'-0"



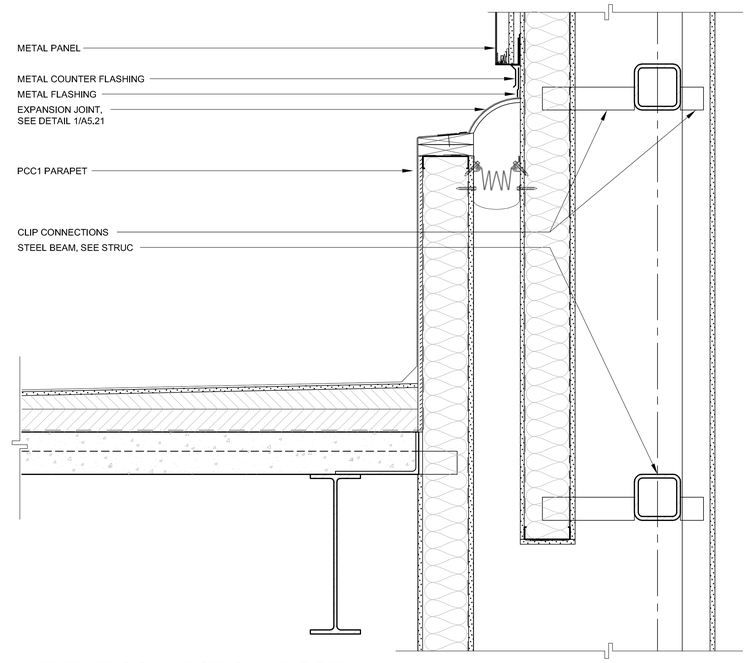
7 EXP JT CONNECTION - ROOF
1 1/2" = 1'-0"



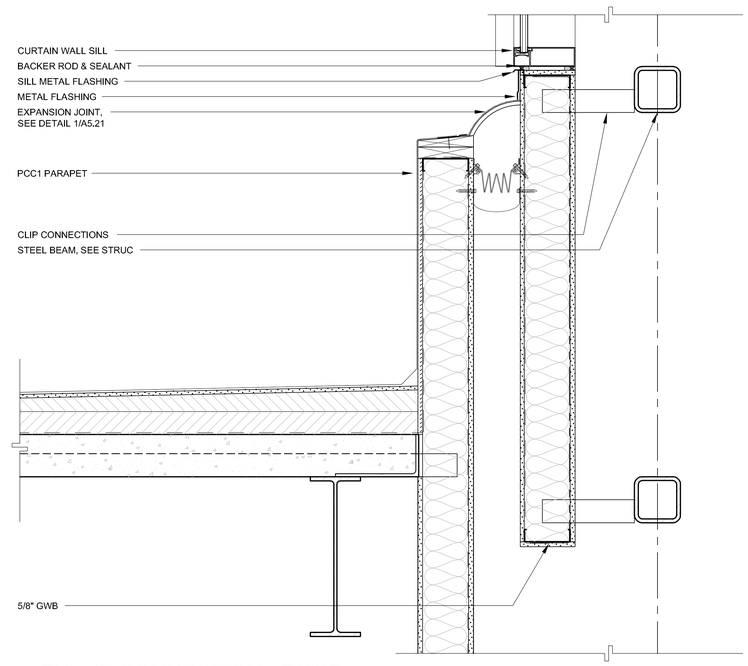
8 EXP JT CONNECTION - FLOOR
1 1/2" = 1'-0"



9 FLOOR SLAB CONNECTION
1 1/2" = 1'-0"



10 EXP JT CONNECTION - ROOF
1 1/2" = 1'-0"



11 EXP JT CONNECTION - ROOF
1 1/2" = 1'-0"

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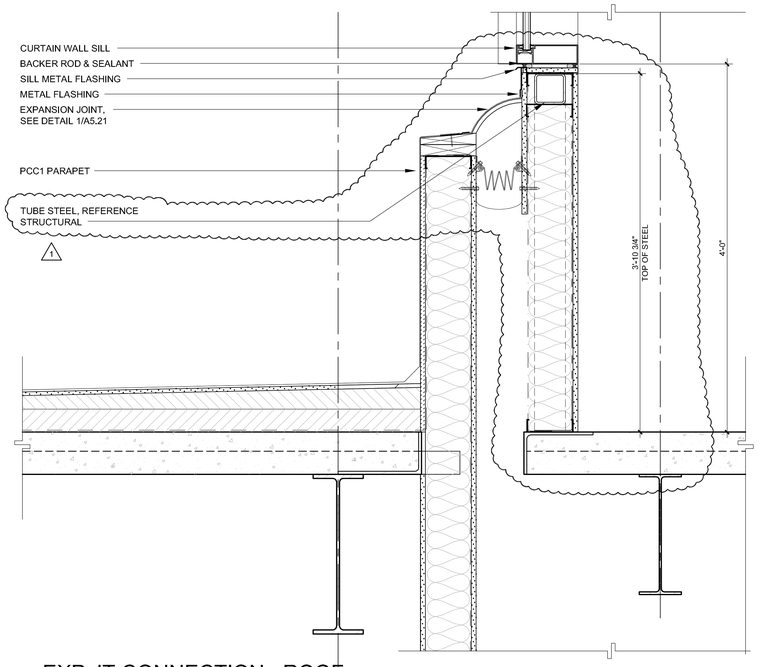
CONFORMED SET 04-23-2008

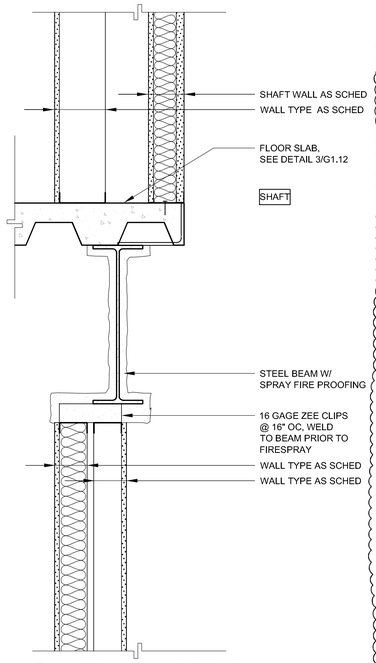
SECTION DETAILS

SHEET NO.
A5.12

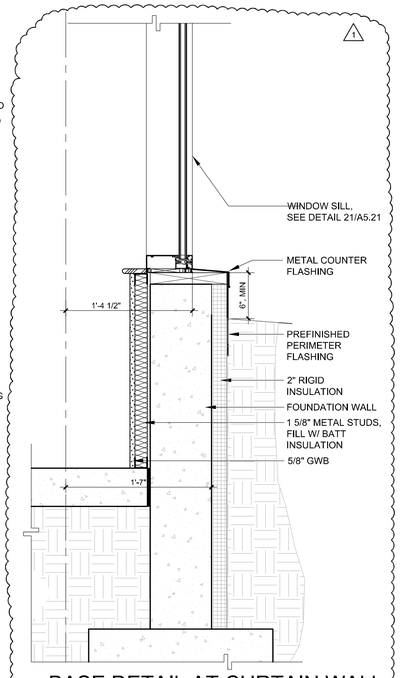
A5.12 SECTION DETAILS.DWG



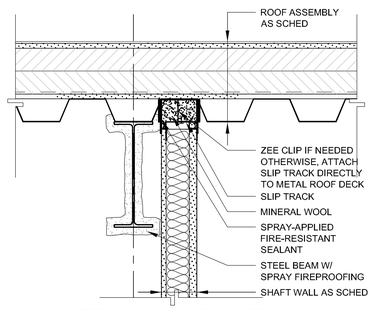
1 EXP JT CONNECTION - ROOF
1 1/2" = 1'-0"



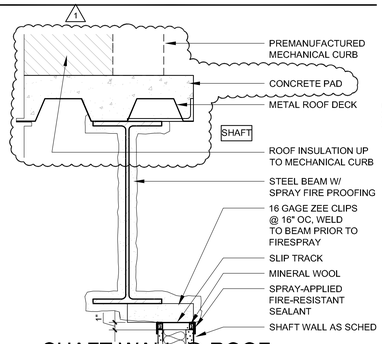
6 SHAFT WALL DETAIL
1 1/2" = 1'-0"



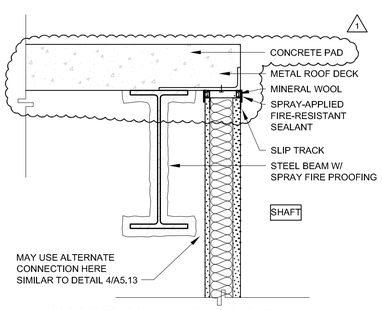
9 BASE DETAIL AT CURTAIN WALL
1 1/2" = 1'-0"



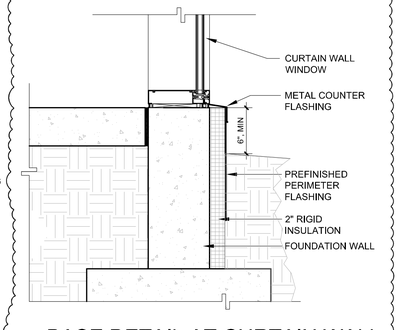
2 SHAFT WALL @ ROOF
1 1/2" = 1'-0"



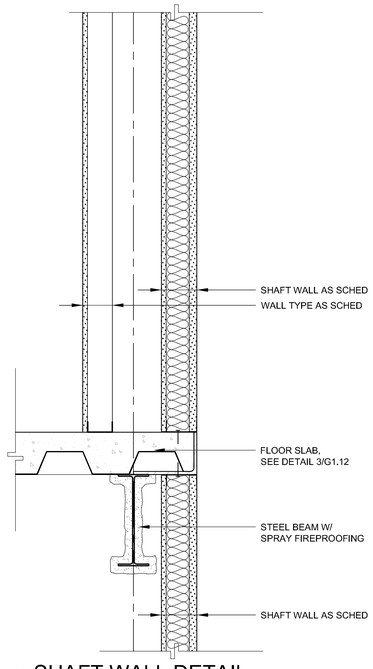
4 SHAFT WALL @ ROOF
1 1/2" = 1'-0"



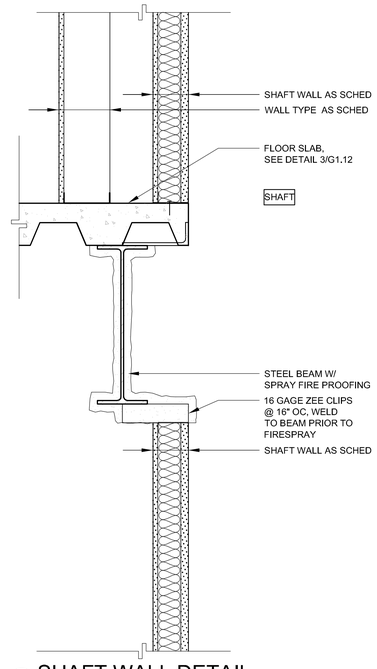
7 SHAFT WALL @ ROOF
1 1/2" = 1'-0"



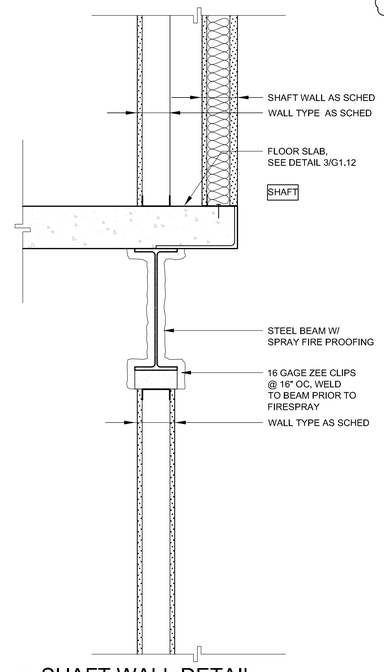
10 BASE DETAIL AT CURTAIN WALL
1 1/2" = 1'-0"



3 SHAFT WALL DETAIL
1 1/2" = 1'-0"



5 SHAFT WALL DETAIL
1 1/2" = 1'-0"



8 SHAFT WALL DETAIL
1 1/2" = 1'-0"

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SECTION DETAILS

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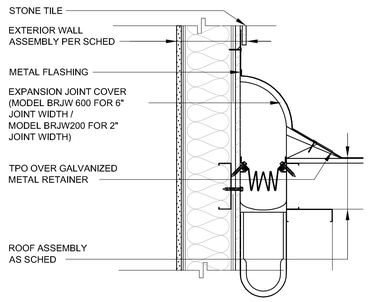
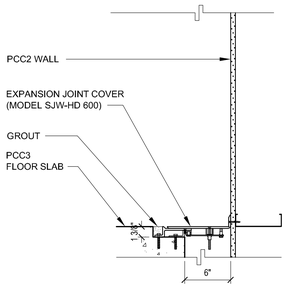
A5.13

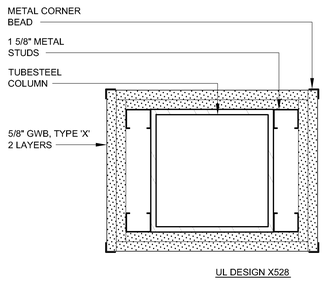
A5.13 SECTION DETAILS.DWG



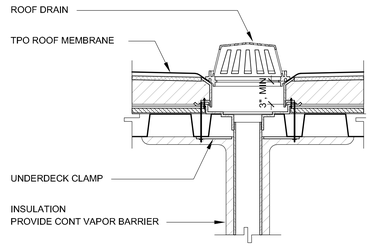
1 SEISMIC JOINT @ ROOF
1 1/2" = 1'-0"



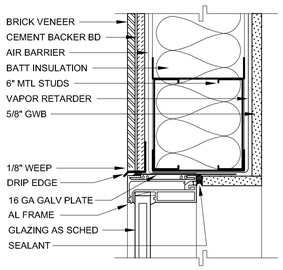
6 SEISMIC JOINT @ FLOOR
1 1/2" = 1'-0"



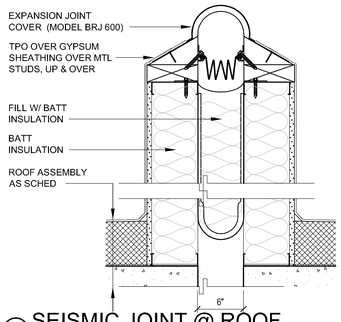
11 COLUMN WRAP (1-HR) @ TS
3" = 1'-0"



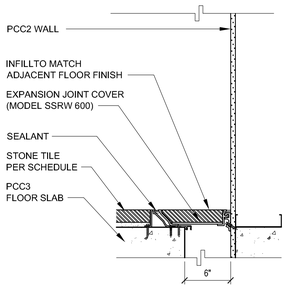
16 ROOF DRAIN
1 1/2" = 1'-0"



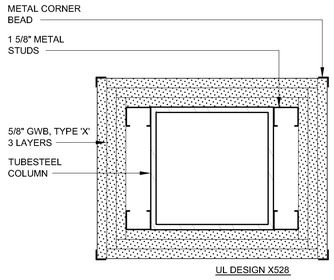
19 WINDOW - HEAD
3" = 1'-0"



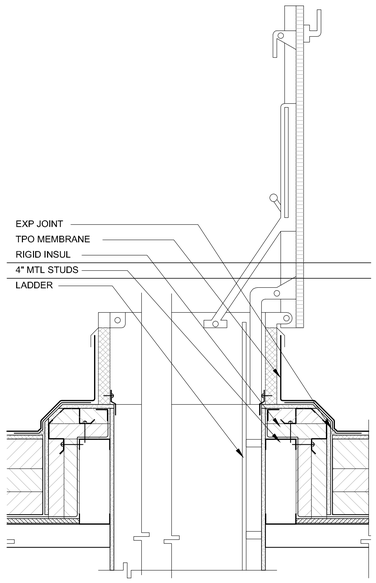
2 SEISMIC JOINT @ ROOF
1 1/2" = 1'-0"



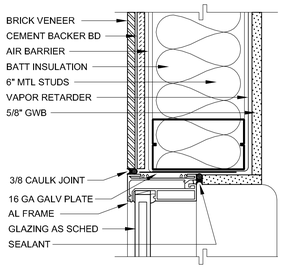
7 SEISMIC JOINT @ FLOOR
1 1/2" = 1'-0"



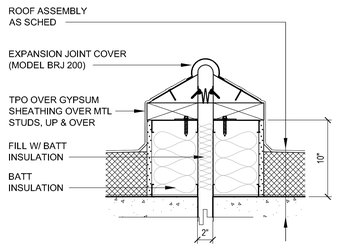
12 COLUMN WRAP (2-HR) @ TS
3" = 1'-0"



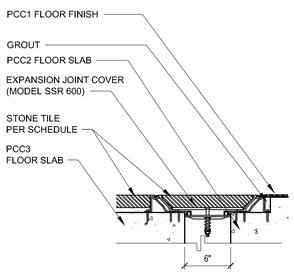
17 ROOF HATCH
1 1/2" = 1'-0"



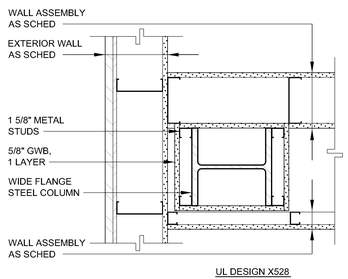
20 WINDOW - JAMB
3" = 1'-0"



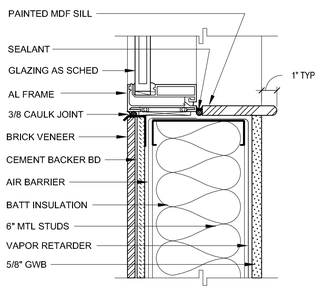
3 SEISMIC JOINT @ ROOF
1 1/2" = 1'-0"



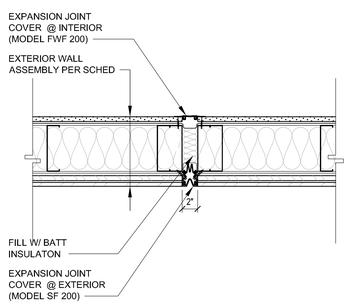
8 SEISMIC JOINT @ FLOOR
1 1/2" = 1'-0"



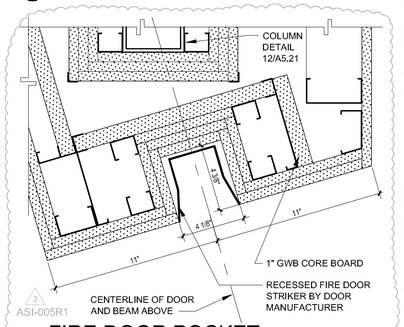
13 COLUMN WRAP (1-HR)
1 1/2" = 1'-0"



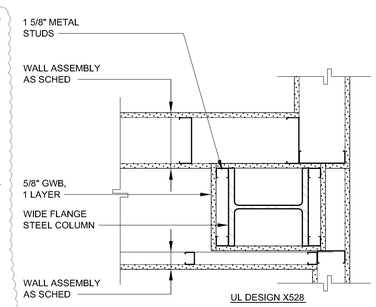
21 WINDOW - SILL
3" = 1'-0"



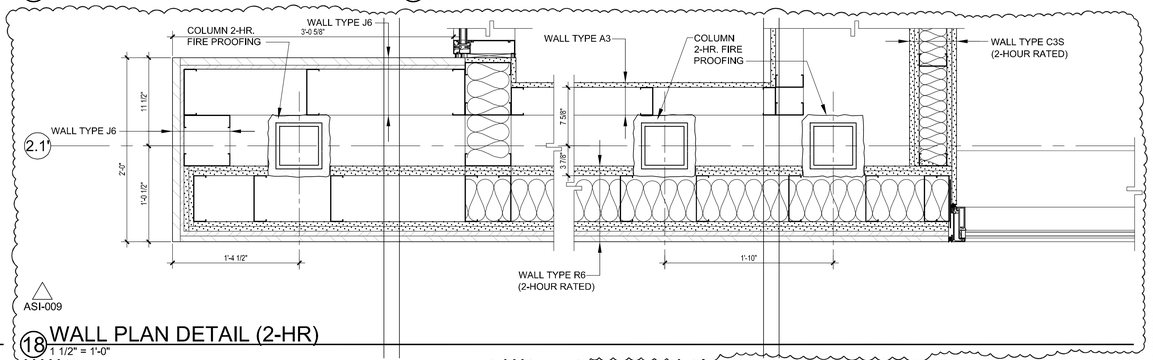
4 SEISMIC JOINT @ EXT WALL
1 1/2" = 1'-0"



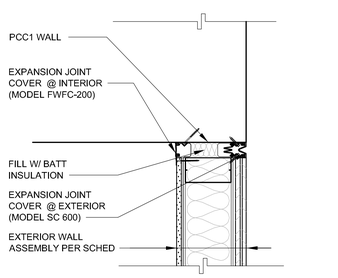
9 FIRE DOOR POCKET
3" = 1'-0"



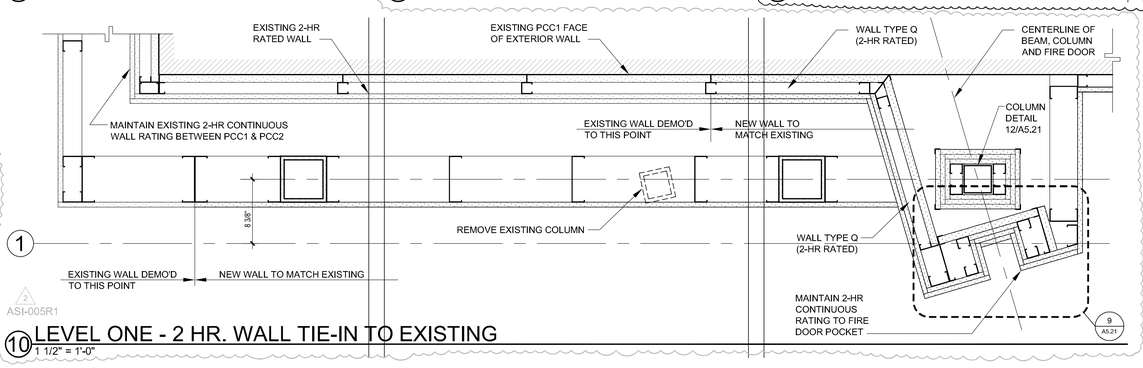
14 COLUMN WRAP 02 (1-HR)
1 1/2" = 1'-0"



18 WALL PLAN DETAIL (2-HR)
1 1/2" = 1'-0"



5 SEISMIC JOINT @ EXT WALL
1 1/2" = 1'-0"



10 LEVEL ONE - 2 HR. WALL TIE-IN TO EXISTING
1 1/2" = 1'-0"

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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

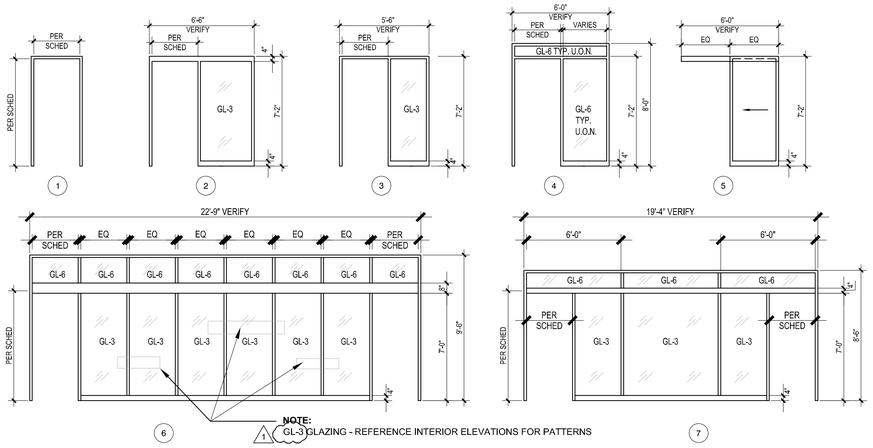
REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08
3 Sheet Reissued 05-20-08

SHEET REISSUED FOR CONFORMED SET 05-20-2008

JOB NO.	A6070.01
DATE	5/27/2008
DRAWN	jc
REVIEWED	kb

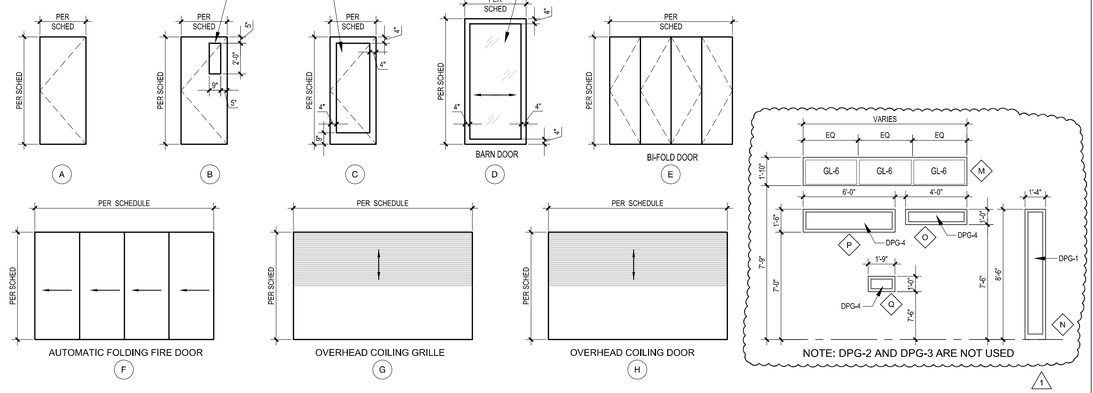
DETAILS

SHEET NO.
A5.21
A5.21 DETAILS.DWG



1 DOOR FRAME AND INTERIOR GLAZING TYPES

SCALE: 1/4" = 1'-0"

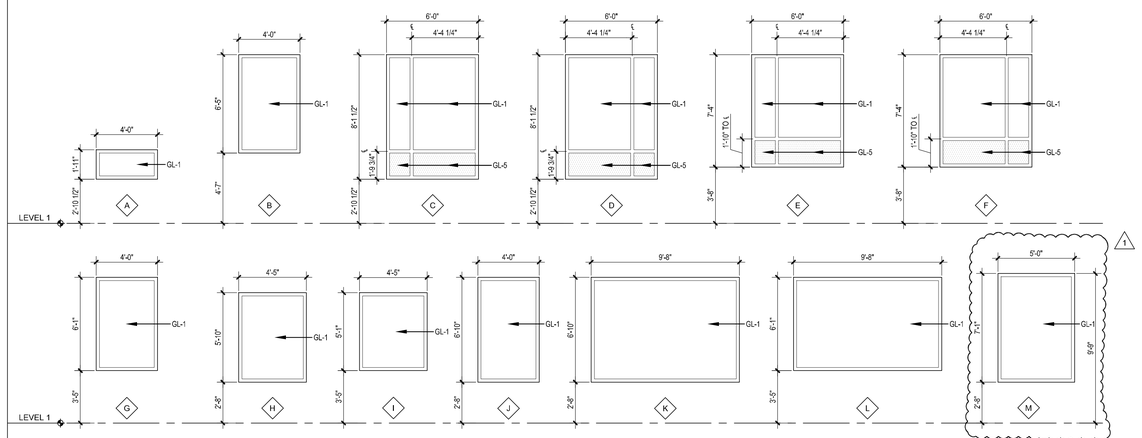


2 DOOR TYPES

SCALE: 1/4" = 1'-0"

4 RELITE TYPES

SCALE: 1/4" = 1'-0"



3 EXTERIOR WINDOW TYPES

SCALE: 1/4" = 1'-0"

DOOR AND FRAME SCHEDULE - LEVEL 1

MARK	DOOR SIZE - PR WxH	DOOR TYPE	DOOR MATL	DOOR FINISH	GLAZ TYPE	FRAME TYPE	FRAME MATL	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	FIRE RATING LABEL	HARDWARE SET NO	HARDWARE KEYSIDE RM NO	NOTES
103A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	1/A6.13	2/A6.13	3/A6.13	60 MIN	1	--	CARD ACCESS
103B	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	6/A6.13	60 MIN	2	1107	CARD ACCESS
104A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	6/A6.13	60 MIN	3	1105	--
1102A	48 x 84	B	SCWD	WD-1	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	4	1102	--
1103A	PR 36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	7/A6.13	N/A	5	1106	CARD ACCESS
1107A	48 x 84	B	SCWD	WD-1	GL-6	4	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	6	1101	CARD ACCESS
1114A	48 x 84	B	SCWD	WD-1	GL-6	4	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	6	1105	CARD ACCESS
1115A	PR 36 x 84	EXIST	EXIST	EXIST	EXIST	--	REFER TO	ELEV	11/A6.13	11/A6.13	12/A6.13	N/A	12	--	CARD ACCESS / HC
1116A	PR 36 x 84	EXIST	EXIST	EXIST	EXIST	11	ALUM/GLAZ	FACTORY	9/A6.13	9/A6.13	7/A6.13	N/A	7	1115	HC
1116B	114 x 108	N/A	FACTORY	FACTORY	N/A	N/A	N/A	N/A	23/A6.13	--	--	120 MIN	8	--	SLIDING FIRE DOOR
1116C	22 x 108	1	SCWD	WD-2	N/A	1	MTL	HIDDEN	--	--	--	N/A	9	1116	FOR FIRE DOOR
1117A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	13/A6.13	SM	10	1104	--
1117B	PR 36 x 84	A	MTL	PAINT	N/A	1	HM	PAINT	1/A6.13	2/A6.13	3/A6.13	N/A	11	VESTIBULE	--
1117C	36 x 84	C	ALUM	FACTORY	GL-6	EXIST	EXIST	EXIST	--	--	--	N/A	12	VESTIBULE	EXIST STOREFRONT
1118A	PR 36 x 84	C	ALUM	FACTORY	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	7/A6.13	N/A	13	--	HC
1118B	PR 36 x 84	C	ALUM	FACTORY	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	7/A6.13	N/A	14	1118	HC
1121A	184 x 102	G	ALUM	FACTORY	N/A	N/A	ALUM	FACTORY	24/A6.13	--	--	N/A	15	1121	COILING SECURITY
1123A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	7/A6.13	N/A	15	1102	SLIDER
1123B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	1121	SLIDER
1124A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	7/A6.13	N/A	15	1102	SLIDER
1124B	36 x 84	C	ALUM	FACTORY	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	16	1125	--
1126A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	1125	SLIDER
1127A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	7/A6.13	N/A	17	1102	--
1127B	4 @ 18 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAINT	--	--	--	N/A	18	1127	BI-FOLDS
1128A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	7/A6.13	N/A	17	1102	--
1128B	4 @ 18 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAINT	--	--	--	N/A	18	1128	BI-FOLDS
1129A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	7/A6.13	N/A	17	1102	--
1130A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	1108	--
1131A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	SM	20	1108	CARD ACCESS
1132A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1108	--
1133A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1108	--
1134A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1108	--
1135A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	1108	--
1136A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1107	SLIDER
1141A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1107	SLIDER
1142A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1108	--
1143A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1108	--
1144A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1108	--
1145A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	1108	--
1146A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	28	1108	CARD ACCESS
1148A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	1109	CARD ACCESS
1149A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	1109	CARD ACCESS
1150A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1109	--
1151A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1109	--
1152A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1109	--
1153A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1107	SLIDER
1161A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1107	SLIDER
1162A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1109	--
1163A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1109	--
1164A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	1109	--
1165A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1109	--
1166A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	28	1109	CARD ACCESS
1166B	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	24	1109	--
1167A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1110	--
1168A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1110	--
1169A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1110	--
1170A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1110	--
1171A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1110	--
1172A	36 x 84	D	ALUM	FACTORY	GL-3	5	GL-3	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1107	SLIDER
1181A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1107	CARD ACCESS
1181B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1107	CARD ACCESS
1181C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1107	CARD ACCESS
1182A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1183A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1184A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1185A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1186A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1187A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1107	SLIDER
1191A	184 x 102	G	ALUM	FACTORY	N/A	N/A	ALUM	FACTORY	--	--	--	N/A	15	1191	COILING SECURITY
1193A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	7/A6.13	N/A	15	1104	SLIDER
1193B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	1191	SLIDER
1194A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	7/A6.13	N/A	15	1104	SLIDER
1194B	36 x 84	C	ALUM	FACTORY	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	16	1195	--
1196A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	1195	SLIDER
1197A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	7/A6.13	SM	20	1104	CARD ACCESS
1198A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	7/A6.13	N/A	17	1104	--
1200A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	20/A6.13	N/A	2 21	1199	--
1201A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	20/A6.13	N/A	21	1199	--
1202A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	23	1199	--
1204A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1203	SLIDER
1205A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	1111	--
1206A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1111	--
1207A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1111	--
1208A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	26	1111	CARD ACCESS
1209A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	34 1	1111	--
1211A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1114	SLIDER
1212A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1111	--
1213A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1111	--
1214A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1111	--
1215A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1111	--
1216A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	1111	--
1217A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	1111	CARD ACCESS
1219A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	1112	CARD ACCESS
1220A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	1112	--
1221A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1112	--
1222A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1112	--
1223A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1112	--
1224A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1114	SLIDER
1231A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1114	SLIDER
1232A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1112	--
1233A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1112	--
1234A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	1112	--
1235A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1112	--
1236A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	28	1112	CARD ACCESS
1237A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1113	--
1238A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1113	--
1239A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	1113	--
1240A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1113	--
1241A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	1113	--
1242A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	1114	SLIDER
1251A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1114	CARD ACCESS
1251B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1114	CARD ACCESS
1251C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	1114	CARD ACCESS
1252A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1253A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1254A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1255A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1256A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1257A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1114	SLIDER
1261A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1110	--
1262A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1110	--
1262B	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1110	--
1263A	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1110	SLIDER
1263B	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	1113	SLIDER
1264A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1113	--
1265A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1113	--
1266A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1113	--
1267A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	1113	--

NOTE:
OPENINGS THAT SPECIFY ELECTRIC STRIKE OR ELECTRIC LOCKS DO NOT INCLUDE POWER SUPPLIES FOR THESE DEVICES IN THE HARDWARE PACKAGE. THEY ARE THE RESPONSIBILITY OF THE ELECTRICAL OR SECURITY CONTRACTOR. SEE HW-2, HW-5, HW-6, HW-20, HW-25, HW-26, HW-28

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REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm
REVIEWED	kb

DOOR SCHEDULE LEVEL 1 - TYPES

SHEET NO.
A6.11
A6.11 DOOR SCHEDULE LEVEL 1 - TYPES.DWG

DOOR AND FRAME SCHEDULE - LEVEL 2

DOOR						FRAME						FIRE RATING LABEL	HARDWARE		NOTES
MARK	SIZE - PR WxH	TYPE	MATL	FINISH	GLAZ TYPE	TYPE	MATL	FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL		SET NO	KEYSIDE RM NO	
203A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	29	2101	--
204A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	29	2105	--
2103A	PR 36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	5	2103	CARD ACCESS
2107A	48 x 84	B	SCWD	WD-1	GL-6	4	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	6	2101	CARD ACCESS
2114A	48 x 84	B	SCWD	WD-1	GL-6	4	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	6	2105	CARD ACCESS
2115A	PR 36 x 84	C	ALUM	FACTORY	GL-6	1	ALUM	FACTORY	11/A6.13	11/A6.13	12/A6.13	N/A	14	2115	HC
2115B	PR 36 x 84	C	ALUM	FACTORY	GL-6	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	14	VESTIBULE	HC
2116A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	9/A6.13	9/A6.13	7/A6.13	SM	10	2104	--
2123A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	2102	SLIDER
2123B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	2121	SLIDER
2124A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	2102	SLIDER
2124B	36 x 84	C	ALUM	FACTORY	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	16	2125	SLIDER
2126A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	2125	SLIDER
2127A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	/A6.13	N/A	17	2102	--
2127B	4 @ 18 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAINT	--	--	--	N/A	18	2127	BI-FOLDS
2128A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	N/A	17	2102	--
2128B	4 @ 18 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAINT	--	--	--	N/A	18	2128	BI-FOLDS
2129A	36 x 84	A	SCWD	WD-1	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	N/A	17	2102	--
2130A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	2108	--
2131A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	SM	20	2108	CARD ACCESS
2132A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2108	--
2133A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2108	--
2134A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2108	--
2135A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	2108	--
2136A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	2107	SLIDER
2141A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	2107	SLIDER
2143A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2108	--
2144A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2108	--
2145A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	2108	--
2146A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	20	2108	CARD ACCESS
2148A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	2109	CARD ACCESS
2149A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	2109	CARD ACCESS
2150A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2109	--
2151A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2109	--
2152A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2109	--
2153A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2107	SLIDER
2161A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2107	SLIDER
2162A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2109	--
2163A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2109	--
2164A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	2109	--
2165A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2109	--
2166A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	26	2109	CARD ACCESS
2166B	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	24	2165	--
2167A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2110	--
2168A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2110	--
2169A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2110	--
2170A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2110	--
2171A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2110	--
2172A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2107	SLIDER
2181A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2107	CARD ACCESS
2181B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2107	CARD ACCESS
2181C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2107	CARD ACCESS
2182A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2183A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2184A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2185A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2186A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2187A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2107	SLIDER
2193A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	2104	SLIDER
2193B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	2191	SLIDER
2194A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	2104	SLIDER
2194B	36 x 84	C	ALUM	FACTORY	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	16	2195	SLIDER
2196A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	2195	SLIDER
2197A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	N/A	17	2104	--
2198A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	17	2104	--
2200A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	22/A6.13	N/A	33	2199	--
2201A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	22/A6.13	N/A	33	2199	--
2204A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2114	SLIDER
2205A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	2111	--
2206A	36 x 84	1	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2207A	36 x 84	1	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2111	--
2208A	36 x 84	1	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2209A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	26	2111	CARD ACCESS
2210A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	27	2111	--
2211A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2114	SLIDER
2212A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2213A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2214A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2215A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2111	--
2216A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	2111	--
2217A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	2111	CARD ACCESS
2219A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	2112	CARD ACCESS
2220A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	2112	--
2221A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2112	--
2222A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2112	--
2223A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2112	--
2224A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2114	SLIDER
2231A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2114	SLIDER
2232A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2112	--
2233A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2112	--
2234A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	2112	--
2235A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2112	--
2236A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	26	2112	CARD ACCESS
2237A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2113	--
2238A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2113	--
2239A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	2113	--
2240A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2113	--
2241A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	2113	--
2242A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	2114	SLIDER
2251A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2114	CARD ACCESS
2251B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2114	CARD ACCESS
2251C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	2114	CARD ACCESS
2252A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2253A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2254A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2255A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2256A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2257A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2114	SLIDER
2261A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2110	--
2262A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2110	--
2262B	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2110	--
2263A	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2113	SLIDER
2263B	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	2110	SLIDER
2264A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2113	--
2265A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2113	--
2266A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2113	--
2267A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	2113	--

NOTE:
OPENINGS THAT SPECIFY ELECTRIC STRIKE OR ELECTRIC LOCKS DO NOT INCLUDE POWER SUPPLIES FOR THESE DEVICES IN THE HARDWARE PACKAGE. THEY ARE THE RESPONSIBILITY OF THE ELECTRICAL OR SECURITY CONTRACTOR. SEE HW-2, HW-5, HW-6, HW-20, HW-25, HW-26, HW-28

DOOR AND FRAME SCHEDULE - LEVEL 3

DOOR						FRAME						FIRE RATING LABEL	HARDWARE		NOTES
MARK	SIZE - PR WxH	TYPE	MATL	FINISH	GLAZ TYPE	TYPE	MATL	FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL		SET NO	KEYSIDE RM NO	
303A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	29	3101	--
303B	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	2	3107	CARD ACCESS
304A	36 x 84	A	MTL	PAINT	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	29	3105	--
3102A	160 x 120	H	FACT	FACTORY	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	60 MIN	15	3102	OH FIRE DOOR
3103A	PR 36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	21/A6.13	60 MIN	5	3106	ACCESS CARD
3104A	160 x 120	H	FACT	FACTORY	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	15	3104	OH FIRE DOOR
3107A	48 x 84	A	SCWD	WD-1	N/A	4	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	6	3101	ACCESS CARD
3114A	48 x 84	A	SCWD	WD-1	N/A	4	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	6	3105	ACCESS CARD
3121A	184 x 102	G	ALUM	FACTORY	N/A	N/A	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	15	3121	COILING SECURITY
3123A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	3102	SLIDER
3123B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	3121	SLIDER
3124A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	15/A6.13	16/A6.13	21/A6.13	N/A	15	3102	SLIDER
3124B	36 x 84	C	SCWD	WD-2	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	16	3125	--
3126A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	3125	SLIDER
3127A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	60 MIN	17	3102	--
3127B	4 @ 15 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAIN	--	--	--	N/A	30	3127	BI-FOLDS
3128A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	60 MIN	17	3102	--
3128B	PR 18 x 84	E	SCWD	WD-2	N/A	OPENING	GWB	PAIN	--	--	--	N/A	31	3128	BI-FOLDS
3128C	36 x 84	A	MANF	FACTORY	N/A	MANF	MANF	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	3128	PLAM-3
3128D	36 x 84	A	MANF	FACTORY	N/A	MANF	MANF	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	3128	PLAM-3
3129A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	60 MIN	17	3102	--
3130A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	20	3108	CARD ACCESS
3131A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	3108	
3132A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3108	--
3133A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3108	--
3134A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3108	--
3135A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	3108	--
3136A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3107	SLIDER
3138A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	N/A	22	3138	--
3141A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3107	SLIDER
3143A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3108	--
3144A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3108	--
3145A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	3108	--
3146A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	28	3108	CARD ACCESS
3148A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	20	3109	CARD ACCESS
3149A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	20	3109	CARD ACCESS
3150A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3109	--
3151A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3109	--
3152A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3109	--
3153A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3107	SLIDER
3161A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3107	SLIDER
3162A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3109	--
3163A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3109	--
3164A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	3109	--
3165A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3109	--
3166A	48 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	28	3109	CARD ACCESS
3166B	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	24	3165	--
3167A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3110	--
3168A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3110	--
3169A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3110	--
3170A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3110	--
3171A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3110	--
3172A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3107	SLIDER
3181A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3107	CARD ACCESS
3181B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3107	CARD ACCESS
3181C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3107	CARD ACCESS
3182A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3183A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3184A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3185A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3186A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3187A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3107	SLIDER
3191A	176 x 102	G	ALUM	FACTORY	N/A	N/A	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	15	3191	COILING SECURITY
3193A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	3121	SLIDER
3193B	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	--	N/A	15	3121	SLIDER
3194A	36 x 84	D	ALUM	FACTORY	GL-3	2	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	15	3104	SLIDER
3194B	36 x 84	C	SCWD	WD-2	GL-3	1	ALUM	FACTORY	4/A6.13	5/A6.13	21/A6.13	N/A	16	3195	--
3196A	36 x 84	D	ALUM	FACTORY	GL-6	5	ALUM	FACTORY	17/A6.13	--	--	N/A	8	3195	SLIDER
3197A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	60 MIN	20	3104	--
3198A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	21/A6.13	60 MIN	23	3104	CARD ACCESS
3200A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	22/A6.13	60 MIN	33	3199	--
3201A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	10/A6.13	10/A6.13	22/A6.13	60 MIN	33	3199	--
3204A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	3114	SLIDER
3205A	36 x 84	B	SCWD	WD-2	GL-6	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	22	3111	--
3206A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3207A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3111	--
3208A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3209A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3210A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	45 MIN	27	3111	--
3211A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	/A6.13	/A6.13	/A6.13	N/A	8	3114	SLIDER
3213A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3214A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3215A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3111	--
3216A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	--	N/A	19	3111	--
3217A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	3111	CARD ACCESS
3219A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	SM	20	3112	CARD ACCESS
3220A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	3112	--
3221A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3112	--
3222A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3112	--
3223A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3112	--
3224A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3114	SLIDER
3231A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3114	SLIDER
3232A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3112	--
3233A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3112	--
3234A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	23	3112	--
3235A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3112	--
3236A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	26	3112	CARD ACCESS
3237A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3113	--
3238A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3113	--
3239A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	21	3113	--
3240A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3113	--
3241A	36 x 84	A	SCWD	WD-2	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	18/A6.13	N/A	19	3113	--
3242A	36 x 84	D	ALUM	FACTORY	GL-3	5	ALUM	FACTORY	17/A6.13	--	18/A6.13	N/A	8	3114	SLIDER
3251A	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3114	CARD ACCESS
3251B	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3114	CARD ACCESS
3251C	36 x 84	C	ALUM	FACTORY	GL-6	10	ALUM	FACTORY	9/A6.13	10/A6.13	--	N/A	25	3114	CARD ACCESS
3252A	36 x 86	D	ALUM	FACTORY	GL-3	8	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3253A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3254A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3255A	35 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3256A	36 x 86	D	ALUM	FACTORY	GL-3	6	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3257A	36 x 86	D	ALUM	FACTORY	GL-3	9	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3114	SLIDER
3261A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3110	--
3262A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3110	--
3262B	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3110	--
3263A	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3110	SLIDER
3263B	36 x 84	D	ALUM	FACTORY	GL-3	7	ALUM	FACTORY	19/A6.13	16/A6.13	--	N/A	8	3113	SLIDER
3264A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3113	--
3265A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3113	--
3266A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3113	--
3267A	36 x 84	A	SCWD	WD-2	N/A	3	ALUM	FACTORY	10/A6.13	10/A6.13	--	N/A	19	3113	--
3268A	36 x 84	A	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	21/A6.13	N/A	35	3270	--
3268B	PR 36 x 84	C	SCWD	WD-1	N/A	1	ALUM	FACTORY	4/A6.13	5/A6.13	21/A6.13	N/A	36	3269	--
3269A	PR 36 x 84	C	SCWD	WD-1	N/A	11	ALUM	FACTORY	8/A6.13 SIM	10/A6.13	20/A6.13	N/A	36	3270	--

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Anchorage, Alaska

REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

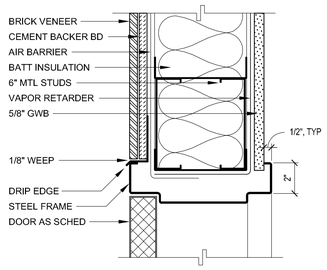
CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm / rf
REVIEWED	kb

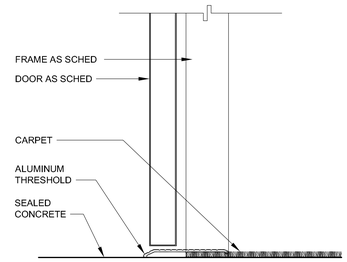
DOOR SCHEDULES LEVEL 2 & 3

SHEET NO.
A6.12

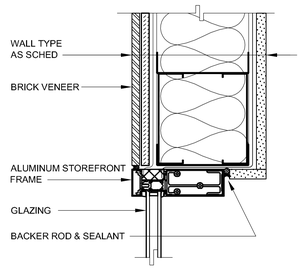
A6.12 DOOR SCHEDULES LEVEL 2 & 3.DWG



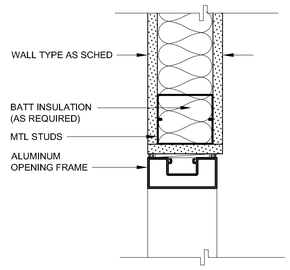
1 DOOR EXT - HEAD
3" = 1'-0"



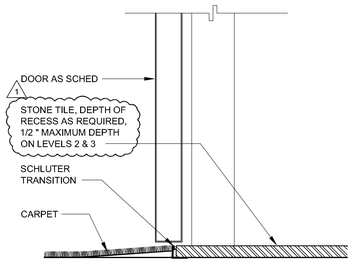
6 DOOR SILL @ CONC TO CPT
3" = 1'-0"



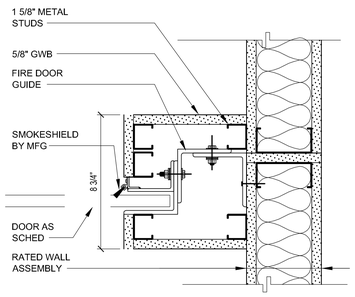
11 STOREFRONT EXT - HEAD/JAMB
3" = 1'-0"



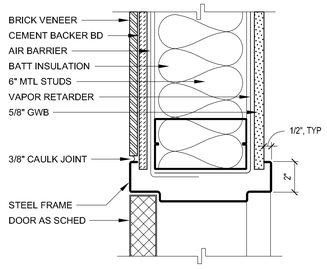
16 STOREFRONT - JAMB @ OPENING
3" = 1'-0"



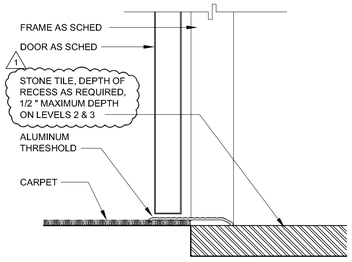
21 DOOR SILL @ CPT/EM TO STONE
3" = 1'-0"



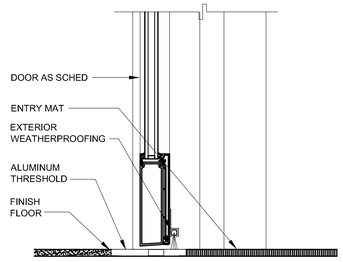
25 DOOR JAMB @ RATED COILING
3" = 1'-0"



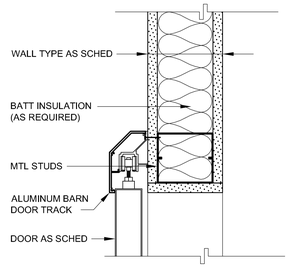
2 DOOR EXT - JAMB
3" = 1'-0"



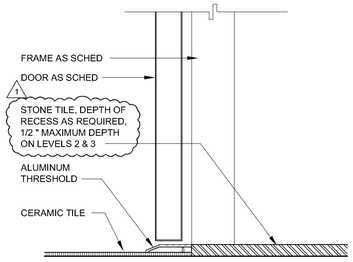
7 DOOR SILL @ CPT TO STONE
3" = 1'-0"



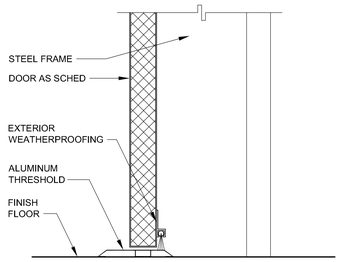
12 STOREFRONT EXT - SILL
3" = 1'-0"



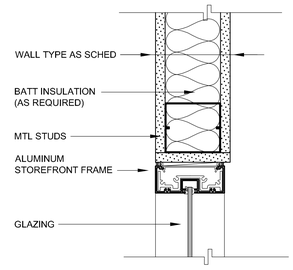
17 DOOR HEAD @ DOOR SLIDER
3" = 1'-0"



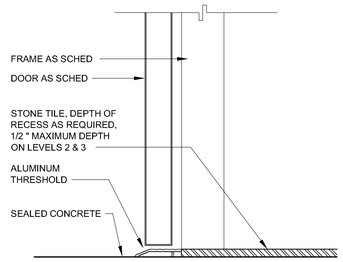
22 DOOR SILL @ CT TO STONE
3" = 1'-0"



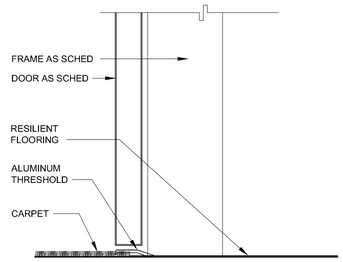
3 DOOR EXT - SILL
3" = 1'-0"



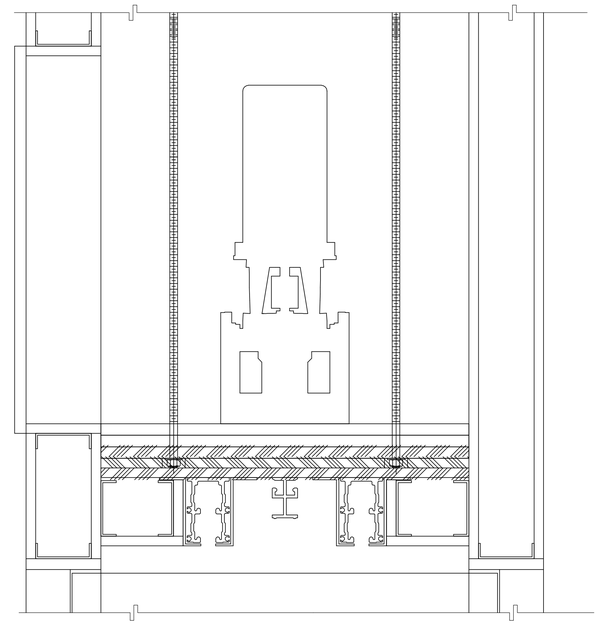
8 STOREFRONT - HEAD @ RELITE
3" = 1'-0"



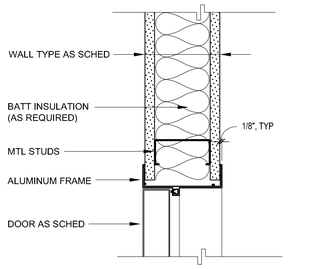
13 DOOR SILL @ CONC TO STONE
3" = 1'-0"



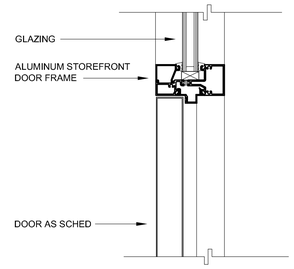
18 DOOR SILL @ CPT TO RF/SV
3" = 1'-0"



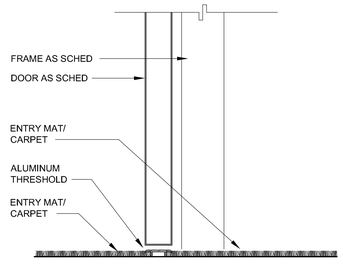
23 DOOR HEAD @ SLIDING FIRE DOOR
3" = 1'-0"



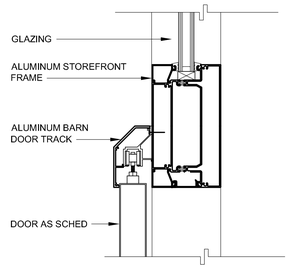
4 DOOR INT - HEAD
3" = 1'-0"



9 STOREFRONT - HEAD @ DOOR
3" = 1'-0"

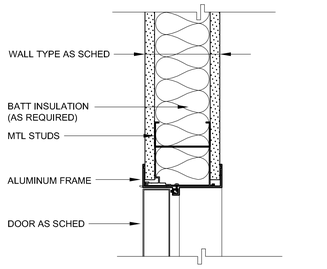


14 DOOR SILL @ EM/CONC
3" = 1'-0"

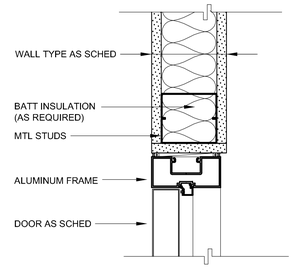


19 STOREFRONT HEAD @ SLIDER
3" = 1'-0"

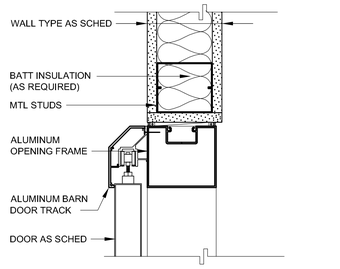
22 DOOR SILL @ CT TO STONE
3" = 1'-0"



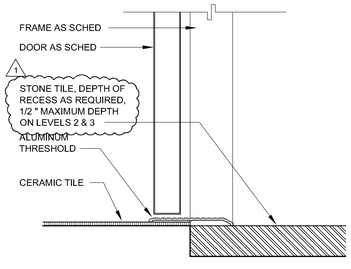
5 DOOR INT - JAMB
3" = 1'-0"



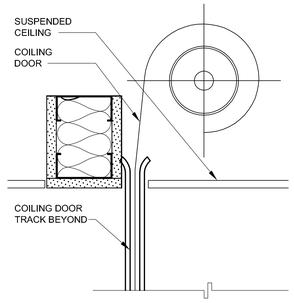
10 STOREFRONT - HEAD/JAMB
3" = 1'-0"



15 STOREFRONT - HEAD @ SLIDER
3" = 1'-0"



20 DOOR SILL @ CT TO STONE
3" = 1'-0"



24 DOOR HEAD @ COILING GRILLE
3" = 1'-0"

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REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	jc
REVIEWED	kb

CONFORMED SET 04-23-2008

DOOR DETAILS

SHEET NO.
A6.13
A6.13 DOOR DETAILS.DWG

ROOM FINISH SCHEDULE - LEVEL 1

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	CEILING Height	Notes
101	ELEV 01	--	EM-1	--	--	--	PL-1	--	PL-1	--	PL-1	--	PL-1	--	--	8'-6"	10
102	ELEV 02	--	EM-1	--	--	--	PL-1	--	PL-1	--	PL-1	--	PL-1	--	--	8'-6"	10
103	STAIRS 01	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	14'-0"	5,11
104	STAIRS 02	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	14'-0"	5,11
1101	WEST WAITING	CONC	CPT-1/ST-1A/ST-1B	GWB	ST-2A	GWB	PT-4	GWB	PT-5	GWB	PT-4	GWB	PT-4	ACT	FF	9'-9"	4,5
1102	WEST LOBBY	CONC	ST-1A/ST-1B	GWB	ST-2A	GWB	WPL-2	--	--	GWB	PT-4	--	--	GWB	PT-4	9'-9"	4,5
1103	ELEV LOBBY	CONC	ST-1A	GWB	ST-2A	--	--	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	9'-4 1/2"	4,5
1104	EAST LOBBY	CONC	ST-1A/ST-1B	GWB	ST-2A	GWB	WPL-2	--	--	GWB	PT-4	--	--	GWB	PT-4	9'-9"	4,5
1105	EAST WAITING	CONC	CPT-1	GWB	ST-2A	--	--	--	PT-5	GWB	PT-4	GWB	PT-4	ACT	FF	9'-9"	4,5
1106	CENTER HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1107	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	2,5
1108	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1109	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1110	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1111	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1112	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1113	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
1114	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	GWB	PT-3	ACT	FF	9'-6"	2,5
1115	WEST VESTIBULE	CONC	EM-1	GWB	RB-3	GWB	PT-1	GWB	PT-5	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-0"	2,5
1116	WEST CIRCULATION	CONC	ST-1B	GWB	ST-2A	GWB	PT-4	GWB	PT-5	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-0"	4,5
1117	BOILER ROOM	CONC	SLR	GWB	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	--
1118	EAST VESTIBULE	CONC	EM-1	GWB	RB-3	--	--	--	--	--	--	GWB	WPL-2	ACT	FF	9'-0"	2,5
1121	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2,5,13
1122	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
1123	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1124	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1125	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
1126	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1127	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1128	GROUP ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1129	FAMILY ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1130	FAMILY ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1131	EQUIPMENT STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1132	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1133	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1134	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1135	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1136	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1137	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2,5
1141	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1142	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1143	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1144	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1145	CHIRO ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1146	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,5
1147	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-5"	2,5
1148	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
1149	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-1	8'-6"	3,6
1150	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	CT-1/PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1151	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1152	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	9'-0"	2,5
1153	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1154	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2,5
1161	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1162	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1163	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1164	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
1165	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	CT-1/PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1166	SPECIAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
1167	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1168	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1169	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1170	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1171	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1172	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1181	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2,5

ROOM FINISH SCHEDULE - LEVEL 1

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	CEILING Height	Notes
1182	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1183	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1184	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1185	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1186	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1187	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1191	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2,5,13
1192	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
1193	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1194	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1195	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
1196	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1197	EQUIP STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-6"	2,5
1198	OFFICE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1199	VESTIBULE	CONC	ST-1A	GWB	ST-2A	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-0"	4,5
1200	TOILET	CONC	CT-2	GWB	CT-1/CT-2	GWB	PT-1	GWB	PT-1	GWB	CT-1/PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
1201	TOILET	CONC	CT-2	GWB	CT-1/CT-2	GWB	PT-1	GWB	PT-1	GWB	CT-1/PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
1202	STORAGE	CONC	RF-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-0"	2,5
1203	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	--	--	GWB	PT-3	ACT	FF	9'-6"	2,5
1204	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1205	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1206	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1207	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1208	SOILED HOLDING	CONC	RF-2	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-6"	2,5
1209	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
1211	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1212	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1213	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1214	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1215	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1216	NUTRITION ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1217	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
1218	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	ACT	FF	8'-5"	2,5
1219	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
1220	HOUSE KEEPING	CONC	SV-1	GWB	SV-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	6,12
1221	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1222	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1223	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1224	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1225	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	--	--	--	--	GWB	PT-3	ACT	FF	9'-6"	2,5
1231	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1232	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1233	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1234	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
1235	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1236	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
1237	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1238	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1239	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
1240	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1241	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
1242	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1251	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2,5
1252	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1253	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1254	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1255	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1256	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1257	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
1261	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
1262	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1263	STAFF BREAK ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	2,5
1264	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1265	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1266	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
1267	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5

MISCELLANEOUS CHANGES MADE TO MATERIALS IN WEST/EAST WAITING, FRONT DESKS, CHART ROOMS, COPY ROOMS AND TOILET ROOMS.

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	2' x 4'	FF	--
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	4' x 4'	FF	LARGE AND CUSTOM SIZES
CG-1	CORNER GUARD	ACROVYN	C0-8	--	2" CUSTOM	STAINLESS STEEL	MOUNT WITH ADHESIVE, FULL HEIGHT
CG-2	CORNER GUARD	ACROVYN	SCO-8	--	--	STAINLESS STEEL	FLUSH MOUNT ENDWALL WITH 2" LEGS, FULL HEIGHT
CPT-1	CARPET TILE	DURKAN	DT-135 COMPLEX MOD.	1378 BRILLIANT	24 x24	--	MONOLITHIC INSTALLATION
CT-1	CERAMIC TILE	DALTILE	CITYVIEW	CY01 HARBOUR MIST	12 x 12	--	WALL TILE, GROUT: MAPEL #02 PEWTER. RUNNING BOND INSTALLATION.
CT-2	CERAMIC TILE	DALTILE	CITYVIEW	CY04 DOWNTOWN NITE	12 x 12	--	FLOOR TILE, GROUT: MAPEL #09 GRAY. RUNNING BOND INSTALLATION.
DPG-1	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	BIRCH GROVE	1/4" THICK	--	TEXTURE LAYER: BIRCH GROVE 46" FADE w/ INTERLAYER:COLOR MARSH X1 (31)
DPG-2	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-3	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-4	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	VIA	1/4" THICK	--	TEXTURE LAYER: VIA w/ INTERLAYER: COLOR SURF X2 (16)
DPG-5	DECOR. PLASTIC GLAZING	LUMICOR	INFILL RESIN PANEL	CLEAR	1/2" THICK	--	TEXTURED FINISH ON BOTH SIDES
EM-1	ENTRY MAT	VAN DIJK CARPET	PROTECT SUPER	61	6' - 7"	--	RECESSED ENTRY MAT
FRP	FIBERGLASS REINF PNL	--	--	--	--	--	TO MATCH EXISTING PCC2. WAINSCOT @ 48".
FWP-1	FABRIC WRAPPED PANEL	DESIGNTEX GROUP	2496-805 BELANOS	TINFOIL	--	--	--
~~LWC-1~~	~~LINEAR WOOD CEILING~~	~~RULON~~	~~LINEAR CLOSED SUSP.~~	~~NATURAL MAPLE~~	~~5/8" x 4 1/4"~~	~~MATCH WD1~~	~~TONGUE & GROOVE ENDS~~
LWC-2	LINEAR WOOD CEILING	RULON	LINEAR CLOSED	NATURAL MAPLE	5/8" x 4 1/4"	MATCH WD1	TONGUE & GROOVE ENDS
PL-1	PLASTIC LAMINATE	LAMINART	--	2405-T FROST GREEN	--	TEXTURED	--
PL-2	PLASTIC LAMINATE	FORMICA	--	460-58 IVORY	--	MATTE	--
PL-3	PLASTIC LAMINATE	FORMICA	--	20949-90 WHITE	--	POLISHED	DRY ERASE MARKER BOARD
PT-1	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1353 OLD IVORY	--	--	--
PT-2	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1117 SESAME	--	--	--
PT-3	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIMAS	SW6102 PORTABELLO	--	--	--
PT-4	PAINT	BENJAMIN MOORE	--	AF-395 MEDITATION	--	--	--

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
PT-5	PAINT	BENJAMIN MOORE	--	AF-170 FRENCH PRESS	--	--	--
PT-6	PAINT	SCUFFMASTER	SMOOTH PEARL	SP9147	--	--	--
RB-1	RUBBER BASE	JOHNSONITE	--	130 SISAL	--	--	--
RB-2	RUBBER BASE	JOHNSONITE	--	DC-101 SEAWEED	--	--	--
RB-3	RUBBER BASE	JOHNSONITE	--	80 FAWN	--	--	--
RB-4	RUBBER BASE	JOHNSONITE	--	09 CLAY	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH CPT-1 & PT-4
RF-1	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-840 BEIGE TAN	12 x 12	--	--
RF-2	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-830 GRANITE GREY	12 x 12	--	--
SS-1	SOLID SURFACE	FORMICA	SURELL	BLEACHED CONCRETE	--	--	--
ST-1A	GRANITE	OT&M	1224	--	12 x 24	HONED	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-1B	GRANITE	OT&M	1224	--	12 x 24	HEAVY SANDBLAST	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-2A	SLATE	PENTAL	--	KOTA BLUE	12 x 24	--	FIELD TILE
ST-2B	SLATE	PENTAL	--	KOTA BLUE	--	--	SPECIAL SIZES FOR STAIR TREADS
SV-1	SHEET VINYL	MANNINGTON	FINE FIELDS	10140 COOL BEIGE	6'-0" WIDE	--	WELDING ROD #842311
TB-1	TACK BOARD	FORBO	--	2182	--	--	FORBO LINOLEUM BULLETIN BOARD
WD-1	WOOD	--	ANIGRE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-2	WOOD	--	MAPLE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-3	WOOD	--	RED CEDAR	NATURAL	--	MATCH SAMPLE	--
WD-4	WOOD	--	YELLOW CEDAR	NATURAL	--	MATCH SAMPLE	--
WP-1	WALL PROTECTION	ACROVYN	--	101 FRENCH CREAM	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-1
WP-2	WALL PROTECTION	ACROVYN	--	480 TOFFEE	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-2
WP-3	WALL PROTECTION	--	MAPLE	--	--	--	PAINT TO MATCH ADJACENT WALL COLOR
WP-4	WALL PROTECTION	ACROVYN	--	513 KHAKI BROWN	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH PT-3
WPL-1	GRILLE WOOD PANEL SYS.	RULON	PG-8-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1
WPL-2	GRILLE WOOD PANEL SYS.	RULON	PG-6-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1

NOTES:

1. NOT USED.
2. 4" HIGH RUBBER BASE.
3. 6" HIGH RUBBER BASE.
4. 4" HIGH GRANITE BASE.
5. PAINT FINISH TO BE SATIN.
6. PAINT FINISH TO BE SEMI-GLOSS.
7. PAINT FINISH TO BE EPOXY.
8. ALL CEILING GWB TO BE PAINTED TO MATCH THE ADJACENT WALL COLOR.
9. TYPICAL FLOOR TRANSITIONS OCCUR UNDER CENTER LINE OF DOORS UNLESS NOTED OTHERWISE.
10. REFER TO ELEV. SPECS FOR ELEV 01 & 02.
11. OPEN CEILING TO 3RD FLOOR LEVEL.
12. ~~PROVIDE FRP WAINSCOT TO 48" HIGH.~~
13. CEILING HEIGHTS VARY. REFER TO REFLECTED CEILING PLAN.

STATE OF ALASKA — Jeffrey ... Ponce — 7007 — ARCHITECT — REGISTERED PROFESSIONAL — Apr 23, 2008

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REVISIONS
1. CONFORMED SET 04-23-08
2. MOA Review Responses 04-23-08

CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm / rf
REVIEWED	kb

INTERIOR FINISH SCHEDULE - LEVEL 1

SHEET NO.
A6.21

A6.21 INTERIOR FINISH SCHEDULE -- LEVEL 1.DWG

ROOM FINISH SCHEDULE - LEVEL 2

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	WALLS: NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	Height	Notes
201	ELEV 01	--	EM-1	--	--	--	PL-1	--	PL-1	--	PL-1	--	PL-1	--	--	8'-6"	10
202	ELEV 02	--	EM-1	--	--	--	PL-1	--	PL-1	--	PL-1	--	PL-1	--	--	8'-6"	10
203	STAIRS 01	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	9'-0"	5,11
204	STAIRS 02	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	9'-0"	5,11
205	SHAFT	CONC	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	ACT	FF	8'-6"	--
2101	WAITING AREA	CONC	CPT-1	GWB	ST-2A	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	9'-9"	4,5
2102	WEST LOBBY	CONC	ST-2A	GWB	ST-2A	GWB	WPL-2	--	--	GWB	PT-4	--	--	GWB	PT	9'-9"	4,5
2103	ELEV LOBBY	CONC	ST-2A	GWB	ST-2A	--	--	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	9'-4 1/2"	4,5
2104	EAST LOBBY	CONC	ST-2A	GWB	ST-2A	GWB	WPL-2	--	--	GWB	PT-4	--	--	GWB	PT	9'-9"	4,5
2105	WAITING AREA	CONC	CPT-1	GWB	ST-2A	--	--	--	--	GWB	PT-4	GWB	PT-4	ACT	FF	9'-9"	4,5
2106	CENTER HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	4,5
2107	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	4,5
2108	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2109	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2110	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2111	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2112	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2113	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	4,5
2114	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	GWB	PT-3	ACT	FF	9'-6"	4,5
2115	BRIDGE	CONC	EM-1	--	--	--	--	--	--	--	--	--	--	--	--	8'-0"	--
2116	FAN ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	--
2121	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2.5.13
2122	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2.5
2123	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2124	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2125	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2.5
2126	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2127	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2128	GROUP ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2129	FAMILY ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2130	FAMILY ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2131	EQUIP STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
2132	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2133	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2134	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2135	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2136	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2137	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2.5
2141	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2143	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2144	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2145	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2146	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
2147	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-5"	2.5
2148	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
2149	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-1	8'-6"	3,6
2150	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2151	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2152	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2153	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2154	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2.5
2161	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2162	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2163	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2164	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
2165	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2166	SPECIAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
2167	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2168	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2169	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2170	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2171	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2172	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2181	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2.5
2182	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2183	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5

ROOM FINISH SCHEDULE - LEVEL 2

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	WALLS: NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	Height	Notes
2184	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2185	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2186	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2187	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2191	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2.5.13
2192	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2.5
2193	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2194	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2195	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2.5
2196	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2197	OFFICE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2198	OFFICE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2199	VESTIBULE	CONC	ST-2A	GWB	ST-2A	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-0"	--
2200	TOILET	CONC	CT-2	GWB	CT-1/CT-2	GWB	PT-1	GWB	PT-1	GWB	CT-1/PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
2201	TOILET	CONC	CT-2	GWB	CT-1/CT-2	GWB	PT-1	GWB	PT-1	GWB	CT-1/PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
2202	CHASE	CONC	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	8'-0"	--
2203	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	--	--	GWB	PT-3	ACT	FF	9'-6"	2.5
2204	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2205	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2206	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2207	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2208	CHIRO ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
2209	EQUIP STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
2210	COMM ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	--
2211	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2212	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2213	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2214	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2215	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2216	NUTRITION ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
2217	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
2218	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	GWB	PT-1	8'-5"	2.5
2219	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
2220	HOUSE KEEPING	CONC	SV-1	GWB	SV-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	6,12
2221	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2222	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2223	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2224	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2225	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	--	--	--	--	GWB	PT-3	ACT	FF	9'-6"	2.5
2231	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2232	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2233	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2234	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
2235	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2236	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
2237	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2238	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2239	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
2240	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2241	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2.5
2242	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2251	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2.5
2252	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2253	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2254	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2255	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2256	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2257	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2.5
2261	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5
2262	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2263	STAFF BREAK ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	2.5
2264	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2265	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2266	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2.5
2267	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2.5

1 MISCELLANEOUS CHANGES MADE TO MATERIALS IN WEST/EAST WAITING, FRONT DESKS, CHART ROOMS, COPY ROOMS AND TOILET ROOMS.

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	2' x 4'	FF	--
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	4' x 4'	FF	LARGE AND CUSTOM SIZES
CG-1	CORNER GUARD	ACROVYN	C0-8	--	2" CUSTOM	STAINLESS STEEL	MOUNT WITH ADHESIVE, FULL HEIGHT
CG-2	CORNER GUARD	ACROVYN	SCO-8	--	--	STAINLESS STEEL	FLUSH MOUNT ENDWALL WITH 2" LEGS, FULL HEIGHT
CPT-1	CARPET TILE	DURKAN	DT-135 COMPLEX MOD.	1378 BRILLIANT	24 x24	--	MONOLITHIC INSTALLATION
CT-1	CERAMIC TILE	DALTILE	CITYVIEW	CY01 HARBOUR MIST	12 x 12	--	WALL TILE, GROUT: MAPEL #02 PEWTER. RUNNING BOND INSTALLATION.
CT-2	CERAMIC TILE	DALTILE	CITYVIEW	CY04 DOWNTOWN NITE	12 x 12	--	FLOOR TILE, GROUT: MAPEL #09 GRAY. RUNNING BOND INSTALLATION.
DPG-1	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	BIRCH GROVE	1/4" THICK	--	TEXTURE LAYER: BIRCH GROVE 46" FADE w/ INTERLAYER:COLOR MARSH X1 (31)
DPG-2	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-3	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-4	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	VIA	1/4" THICK	--	TEXTURE LAYER: VIA w/ INTERLAYER: COLOR SURF X2 (16)
DPG-5	DECOR. PLASTIC GLAZING	LUMICOR	INFILL RESIN PANEL	CLEAR	1/2" THICK	--	TEXTURED FINISH ON BOTH SIDES
EM-1	ENTRY MAT	VAN DIJK CARPET	PROTECT SUPER	61	6' - 7"	--	RECESSED ENTRY MAT
FRP	FIBERGLASS REINF PNL	--	--	--	--	--	TO MATCH EXISTING PCC2. WAINSCOT @ 48".
FWP-1	FABRIC WRAPPED PANEL	DESIGNTEX GROUP	2496-805 BELANOS	TINFOIL	--	--	--
~~LWC-1~~	~~LINEAR WOOD CEILING~~	~~RULON~~	~~LINEAR CLOSED SUSP.~~	~~NATURAL MAPLE~~	~~5/8" x 4 1/4"~~	~~MATCH WD1~~	~~TONGUE & GROOVE ENDS~~
LWC-2	LINEAR WOOD CEILING	RULON	LINEAR CLOSED	NATURAL MAPLE	5/8" x 4 1/4"	MATCH WD1	TONGUE & GROOVE ENDS
PL-1	PLASTIC LAMINATE	LAMINART	--	2405-T FROST GREEN	--	TEXTURED	--
PL-2	PLASTIC LAMINATE	FORMICA	--	460-58 IVORY	--	MATTE	--
PL-3	PLASTIC LAMINATE	FORMICA	--	20949-90 WHITE	--	POLISHED	DRY ERASE MARKER BOARD
PT-1	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1353 OLD IVORY	--	--	--
PT-2	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1117 SESAME	--	--	--
PT-3	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIMAS	SW6102 PORTABELLO	--	--	--
PT-4	PAINT	BENJAMIN MOORE	--	AF-395 MEDITATION	--	--	--

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
PT-5	PAINT	BENJAMIN MOORE	--	AF-170 FRENCH PRESS	--	--	--
PT-6	PAINT	SCUFFMASTER	SMOOTH PEARL	SP9147	--	--	--
RB-1	RUBBER BASE	JOHNSONITE	--	130 SISAL	--	--	--
RB-2	RUBBER BASE	JOHNSONITE	--	DC-101 SEAWEED	--	--	--
RB-3	RUBBER BASE	JOHNSONITE	--	80 FAWN	--	--	--
RB-4	RUBBER BASE	JOHNSONITE	--	09 CLAY	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH CPT-1 & PT-4
RF-1	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-840 BEIGE TAN	12 x 12	--	--
RF-2	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-830 GRANITE GREY	12 x 12	--	--
SS-1	SOLID SURFACE	FORMICA	SURELL	BLEACHED CONCRETE	--	--	--
ST-1A	GRANITE	OT&M	1224	--	12 x 24	HONED	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-1B	GRANITE	OT&M	1224	--	12 x 24	HEAVY SANDBLAST	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-2A	SLATE	PENTAL	--	KOTA BLUE	12 x 24	--	FIELD TILE
ST-2B	SLATE	PENTAL	--	KOTA BLUE	--	--	SPECIAL SIZES FOR STAIR TREADS
SV-1	SHEET VINYL	MANNINGTON	FINE FIELDS	10140 COOL BEIGE	6'-0" WIDE	--	WELDING ROD #842311
TB-1	TACK BOARD	FORBO	--	2182	--	--	FORBO LINOLEUM BULLETIN BOARD
WD-1	WOOD	--	ANIGRE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-2	WOOD	--	MAPLE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-3	WOOD	--	RED CEDAR	NATURAL	--	MATCH SAMPLE	--
WD-4	WOOD	--	YELLOW CEDAR	NATURAL	--	MATCH SAMPLE	--
WP-1	WALL PROTECTION	ACROVYN	--	101 FRENCH CREAM	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-1
WP-2	WALL PROTECTION	ACROVYN	--	480 TOFFEE	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-2
WP-3	WALL PROTECTION	--	MAPLE	--	--	--	PAINT TO MATCH ADJACENT WALL COLOR
WP-4	WALL PROTECTION	ACROVYN	--	513 KHAKI BROWN	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH PT-3
WPL-1	GRILLE WOOD PANEL SYS.	RULON	PG-8-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1
WPL-2	GRILLE WOOD PANEL SYS.	RULON	PG-6-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1

NOTES:

1. NOT USED.
2. 4" HIGH RUBBER BASE.
3. 6" HIGH RUBBER BASE.
4. 4" HIGH GRANITE BASE.
5. PAINT FINISH TO BE SATIN.
6. PAINT FINISH TO BE SEMI-GLOSS.
7. PAINT FINISH TO BE EPOXY.
8. ALL CEILING GWB TO BE PAINTED TO MATCH THE ADJACENT WALL COLOR.
9. TYPICAL FLOOR TRANSITIONS OCCUR UNDER CENTER LINE OF DOORS UNLESS NOTED OTHERWISE.
10. REFER TO ELEV. SPECS FOR ELEV 01 & 02.
11. OPEN CEILING TO 3RD FLOOR LEVEL.
12. PROVIDE FRP WAINSCOT TO 48" HIGH.
13. CEILING HEIGHTS VARY. REFER TO REFLECTED CEILING PLAN. 1

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REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

CONFORMED SET 04-23-2008

JOB NO. A6070.01
DATE 4/23/2008
DRAWN ghm / rf
REVIEWED kb

INTERIOR FINISH SCHEDULE - LEVEL 2

SHEET NO.
A6.22

A6.22 INTERIOR FINISH SCHEDULE -- LEVEL 2.DWG

ROOM FINISH SCHEDULE - LEVEL 3

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	Height	Notes
301	ELEV 01	--	EM-1	--	--	--	EL-1	--	PL-1	--	EL-1	--	EL-1	--	--	8'-6"	10
302	ELEV 02	--	EM-1	--	--	--	EL-1	--	PL-1	--	EL-1	--	EL-1	--	--	8'-6"	10
303	STAIRS 01	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	14'-0"	5,11
304	STAIRS 02	CONC	SLR	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	14'-0"	5,11
305	SHAFT	CONC	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	--	--	8'-6"	11
306	SHAFT	CONC	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	--	--	8'-6"	--
3101	WAITING AREA	CONC	CPT-1	GWB	ST-2A	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	9'-9"	4,5
3102	WEST LOBBY	CONC	ST-2A	GWB	ST-2A	GWB	PT-4	--	--	GWB	PT-4	--	--	GWB	PT-4	9'-9"	4,5
3103	ELEV LOBBY	CONC	ST-2A	GWB	ST-2A	--	--	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	9'-4 1/2"	4,5
3104	EAST LOBBY	CONC	ST-2A	GWB	ST-2A	GWB	PT-4	--	--	GWB	PT-4	--	--	GWB	PT-4	9'-9"	4,5
3105	WAITING AREA	CONC	CPT-1	GWB	ST-2A	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT/GWB	FF/PT-4	9'-9"	13
3106	CENTER HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3107	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	2,5
3108	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3109	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3110	WEST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3111	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3112	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3113	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	--	--	ACT	FF	8'-6"	2,5
3114	EAST HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-1	GWB	PT-1	GWB	PT-3	ACT	FF	9'-6"	2,5
3121	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2.5.13
3122	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
3123	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3124	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3125	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
3126	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3127	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3128	GROUP ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3129	FAMILY ROOM-2	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3130	EQUIP STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3131	FAMILY ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3132	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3133	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3134	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3135	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3136	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3137	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2,5
3138	HALL	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3141	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3143	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3144	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3145	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3146	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
3147	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-5"	2,5
3148	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
3149	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-1	8'-6"	3,6
3150	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3151	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3152	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3153	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3154	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	GWB	PT-3	--	--	--	--	ACT	FF	9'-6"	2,5
3161	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3162	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3163	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3164	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
3165	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3166	SPECIAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
3167	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3168	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3169	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3170	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3171	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3172	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3181	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2,5
3182	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3183	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3184	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5

ROOM FINISH SCHEDULE - LEVEL 3

RM NO.	ROOM NAME	FLOOR Subst	FLOOR Finish	BASE Subst	BASE Finish	NORTH WALL Subst	NORTH WALL Finish	EAST WALL Subst	EAST WALL Finish	SOUTH WALL Subst	SOUTH WALL Finish	WEST WALL Subst	WEST WALL Finish	CEILING Subst	CEILING Finish	Height	Notes
3185	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3186	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3187	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3191	FRONT DESK	CONC	CPT-1	GWB	RB-4	--	--	GWB	PT-4	GWB	WPL-1	GWB	PT-4	ACT/LWC-2	FF/WD-1	8'-6"	2.5.13
3192	CHARTS	CONC	CPT-1	GWB	RB-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
3193	FHR	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3194	PHARMACY	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3195	COPY	CONC	CPT-1	GWB	RB-4	GWB	PT-4/WPL-1	GWB	PT-4	GWB	PT-4	GWB	PT-4	ACT	FF	8'-6"	2,5
3196	PHONE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3197	EQUIP STORAGE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-6"	2,5
3198	P-TUBE BLOWERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
3199	VESTIBULE	CONC	ST-2A	GWB	ST-2A	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
3200	TOILET	CONC	CT-2	GWB	CT1/CT2	GWB	PT-1	GWB	PT-1	GWB	CT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
3201	TOILET	CONC	CT-2	GWB	CT1/CT2	GWB	PT-1	GWB	PT-1	GWB	CT-1	GWB	PT-1	GWB	PT-1	8'-6"	--
3202	CHASE	CONC	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	GWB	--	8'-6"	--
3203	SCALE ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	--	--	--	--	GWB	PT-3	ACT	FF	8'-4"	2,5
3204	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3205	LOCKERS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3206	NURSE CLINIC	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3207	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3208	CHIRO ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3209	NUTRITION	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3210	ELEV MACH RM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	--
3211	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3213	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3214	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3215	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3216	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3217	SOILED UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
3218	EQUIP ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	GWB	PT-1	8'-5"	2,5
3219	CLEAN UTILITY	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,6
3220	HOUSE KEEPING	CONC	SV-1	GWB	SV-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	6,12
3221	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3222	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3223	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3224	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3225	MGR. ALCOVE	CONC	CPT-1	GWB	RB-3	GWB	PT-3	--	--	--	--	GWB	PT-3	ACT	FF	9'-6"	2,5
3231	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3232	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3233	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3234	ELECT ROOM	CONC	SLR	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	--	--	13'-6"	2,5
3235	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	CT-1/PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3236	GENERAL PROCEDURE	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	3,5
3237	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3238	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3239	TOILET ROOM	CONC	SV-1	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	8'-6"	3,7
3240	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3241	EXAM ROOM	CONC	RF-1/RF-2	GWB	RB-1	GWB	PT-2	GWB	PT-2	GWB	PT-2	GWB	PT-2	ACT	FF	8'-6"	2,5
3242	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3251	INTEGRATED CARE TEAMS	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	11'-0"	2,5
3252	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3253	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3254	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3255	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3256	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3257	TALKING ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-6"	2,5
3261	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3262	GROUP ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3263	STAFF BREAK ROOM	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	9'-6"	2,5
3264	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3265	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3266	MENTAL HEALTH	CONC	CPT-1	GWB	RB-3	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	ACT	FF	8'-6"	2,5
3267	TALKING ROOM	CONC	RF-2	GWB	RB-2	GWB	PT-3	GWB	PT-3	GWB	PT-3	GWB	PT-3	ACT	FF	8'-6"	2,5
3268	BOARD ROOM	CONC	CPT-1	GWB	WD-1	--	--	--	--	GWB	PT-1	GWB	PT-1	VARIES	VARIES	8'-4"	5.13
3269	CATERING PRE-FUNCTION	CONC	CPT-1	GWB	WD-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	GWB	PT-1	9'-9"	5
3270	FOYER HALL	CONC	ST-2A/CPT-1	GWB	ST-2A/RB-3	GWB	PT-1,4	GWB	PT-1	GWB	PT-4	--	--	ACT	FF	9'-9"	5

MISCELLANEOUS CHANGES MADE TO MATERIALS IN WEST/EAST WAITING, FRONT DESKS, CHART ROOMS, COPY ROOMS AND TOILET ROOMS. ROOMS WERE ADDED IN CONJUNCTION WITH THE ADDITIONAL BOARD ROOM.

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
ACT-1	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	2' x 4'	FF	--
ACT-2	ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA	WHITE	4' x 4'	FF	LARGE AND CUSTOM SIZES
CG-1	CORNER GUARD	ACROVYN	C0-8	--	2" CUSTOM	STAINLESS STEEL	MOUNT WITH ADHESIVE, FULL HEIGHT
CG-2	CORNER GUARD	ACROVYN	SCO-8	--	--	STAINLESS STEEL	FLUSH MOUNT ENDWALL WITH 2" LEGS, FULL HEIGHT
CPT-1	CARPET TILE	DURKAN	DT-135 COMPLEX MOD.	1378 BRILLIANT	24 x24	--	MONOLITHIC INSTALLATION
CT-1	CERAMIC TILE	DALTILE	CITYVIEW	CY01 HARBOUR MIST	12 x 12	--	WALL TILE, GROUT: MAPEL #02 PEWTER. RUNNING BOND INSTALLATION.
CT-2	CERAMIC TILE	DALTILE	CITYVIEW	CY04 DOWNTOWN NITE	12 x 12	--	FLOOR TILE, GROUT: MAPEL #09 GRAY. RUNNING BOND INSTALLATION.
DPG-1	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	BIRCH GROVE	1/4" THICK	--	TEXTURE LAYER: BIRCH GROVE 46" FADE w/ INTERLAYER:COLOR MARSH X1 (31)
DPG-2	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-3	DECOR. PLASTIC GLAZING	NOT USED	--	--	--	--	--
DPG-4	DECOR. PLASTIC GLAZING	3-FORM	ECO-RESIN COLLECTION	VIA	1/4" THICK	--	TEXTURE LAYER: VIA w/ INTERLAYER: COLOR SURF X2 (16)
DPG-5	DECOR. PLASTIC GLAZING	LUMICOR	INFILL RESIN PANEL	CLEAR	1/2" THICK	--	TEXTURED FINISH ON BOTH SIDES
EM-1	ENTRY MAT	VAN DIJK CARPET	PROTECT SUPER	61	6' - 7"	--	RECESSED ENTRY MAT
FRP	FIBERGLASS REINF PNL	--	--	--	--	--	TO MATCH EXISTING PCC2. WAINSCOT @ 48".
FWP-1	FABRIC WRAPPED PANEL	DESIGNTEX GROUP	2496-805 BELANOS	TINFOIL	--	--	--
~~LWC-1~~	~~LINEAR WOOD CEILING~~	~~RULON~~	~~LINEAR CLOSED SUSP.~~	~~NATURAL MAPLE~~	~~5/8" x 4 1/4"~~	~~MATCH WD1~~	~~TONGUE & GROOVE ENDS~~
LWC-2	LINEAR WOOD CEILING	RULON	LINEAR CLOSED	NATURAL MAPLE	5/8" x 4 1/4"	MATCH WD1	TONGUE & GROOVE ENDS
PL-1	PLASTIC LAMINATE	LAMINART	--	2405-T FROST GREEN	--	TEXTURED	--
PL-2	PLASTIC LAMINATE	FORMICA	--	460-58 IVORY	--	MATTE	--
PL-3	PLASTIC LAMINATE	FORMICA	--	20949-90 WHITE	--	POLISHED	DRY ERASE MARKER BOARD
PT-1	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1353 OLD IVORY	--	--	--
PT-2	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS	SW1117 SESAME	--	--	--
PT-3	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIMAS	SW6102 PORTABELLO	--	--	--
PT-4	PAINT	BENJAMIN MOORE	--	AF-395 MEDITATION	--	--	--

COLOR AND MATERIAL LEGEND

ABREV	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
PT-5	PAINT	BENJAMIN MOORE	--	AF-170 FRENCH PRESS	--	--	--
PT-6	PAINT	SCUFFMASTER	SMOOTH PEARL	SP9147	--	--	--
RB-1	RUBBER BASE	JOHNSONITE	--	130 SISAL	--	--	--
RB-2	RUBBER BASE	JOHNSONITE	--	DC-101 SEAWEED	--	--	--
RB-3	RUBBER BASE	JOHNSONITE	--	80 FAWN	--	--	--
RB-4	RUBBER BASE	JOHNSONITE	--	09 CLAY	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH CPT-1 & PT-4
RF-1	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-840 BEIGE TAN	12 x 12	--	--
RF-2	RESILIENT TILE FLOORING	MOHAWK	STONEWALK	STN-830 GRANITE GREY	12 x 12	--	--
SS-1	SOLID SURFACE	FORMICA	SURELL	BLEACHED CONCRETE	--	--	--
ST-1A	GRANITE	OT&M	1224	--	12 x 24	HONED	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-1B	GRANITE	OT&M	1224	--	12 x 24	HEAVY SANDBLAST	TO MATCH EXISTING PCC2 FLOOR FINISH
ST-2A	SLATE	PENTAL	--	KOTA BLUE	12 x 24	--	FIELD TILE
ST-2B	SLATE	PENTAL	--	KOTA BLUE	--	--	SPECIAL SIZES FOR STAIR TREADS
SV-1	SHEET VINYL	MANNINGTON	FINE FIELDS	10140 COOL BEIGE	6'-0" WIDE	--	WELDING ROD #842311
TB-1	TACK BOARD	FORBO	--	2182	--	--	FORBO LINOLEUM BULLETIN BOARD
WD-1	WOOD	--	ANIGRE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-2	WOOD	--	MAPLE	NATURAL	--	MATCH SAMPLE	QUARTER SLICED
WD-3	WOOD	--	RED CEDAR	NATURAL	--	MATCH SAMPLE	--
WD-4	WOOD	--	YELLOW CEDAR	NATURAL	--	MATCH SAMPLE	--
WP-1	WALL PROTECTION	ACROVYN	--	101 FRENCH CREAM	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-1
WP-2	WALL PROTECTION	ACROVYN	--	480 TOFFEE	--	--	TO BE USED AS SPECIFIED IN CONJUCTION WITH PT-2
WP-3	WALL PROTECTION	--	MAPLE	--	--	--	PAINT TO MATCH ADJACENT WALL COLOR
WP-4	WALL PROTECTION	ACROVYN	--	513 KHAKI BROWN	--	--	TO BE USED AS SPECIFIED IN CONJUNCTION WITH PT-3
WPL-1	GRILLE WOOD PANEL SYS.	RULON	PG-8-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1
WPL-2	GRILLE WOOD PANEL SYS.	RULON	PG-6-10-37D	NATURAL MAPLE	--	MATCH WD1	DOWELS TO BE 12" O.C. / STAIN TO MATCH WD-1

NOTES:

1. NOT USED.
2. 4" HIGH RUBBER BASE.
3. 6" HIGH RUBBER BASE.
4. 4" HIGH GRANITE BASE.
5. PAINT FINISH TO BE SATIN.
6. PAINT FINISH TO BE SEMI-GLOSS.
7. PAINT FINISH TO BE EPOXY.
8. ALL CEILING GWB TO BE PAINTED TO MATCH THE ADJACENT WALL COLOR.
9. TYPICAL FLOOR TRANSITIONS OCCUR UNDER CENTER LINE OF DOORS UNLESS NOTED OTHERWISE.
10. REFER TO ELEV. SPECS FOR ELEV 01 & 02.
11. OPEN CEILING TO 3RD FLOOR LEVEL.
12. PROVIDE FRP WAINSCOT TO 48" HIGH.
13. CEILING HEIGHTS VARY. REFER TO REFLECTED CEILING PLAN.

STATE OF ALASKA · Jeffrey ... Bronce · 7007 · REGISTERED PROFESSIONAL ARCHITECT · Apr 23, 2008

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Anchorage, Alaska

REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

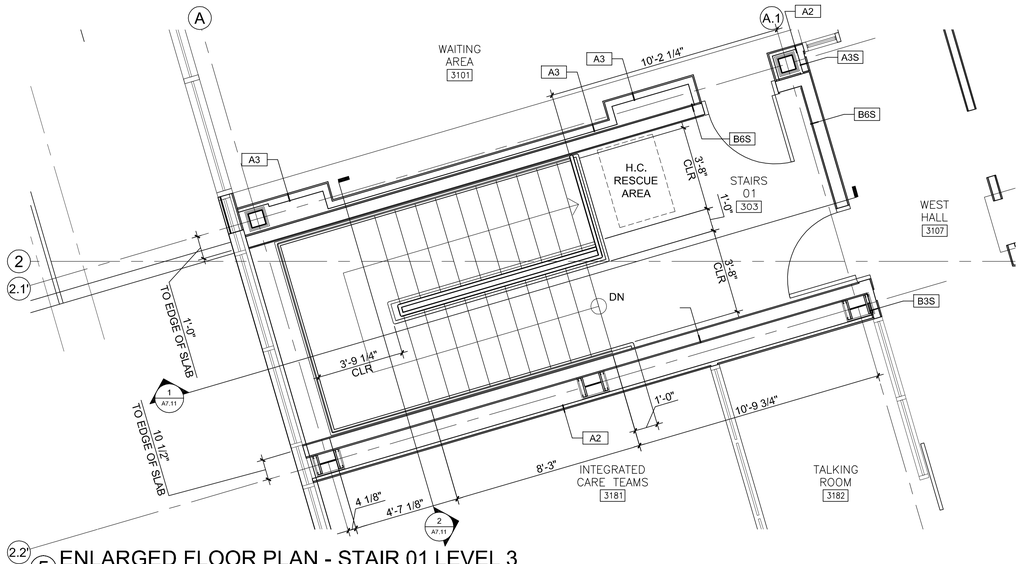
CONFORMED SET 04-23-2008

JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	ghm / rf
REVIEWED	kb

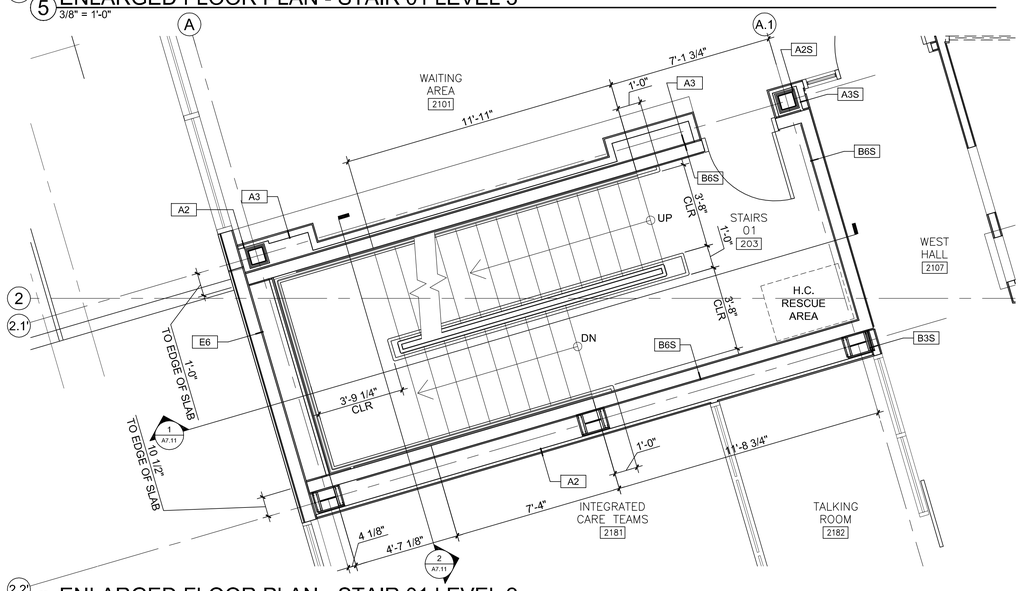
INTERIOR FINISH SCHEDULE - LEVEL 3

SHEET NO.
A6.23

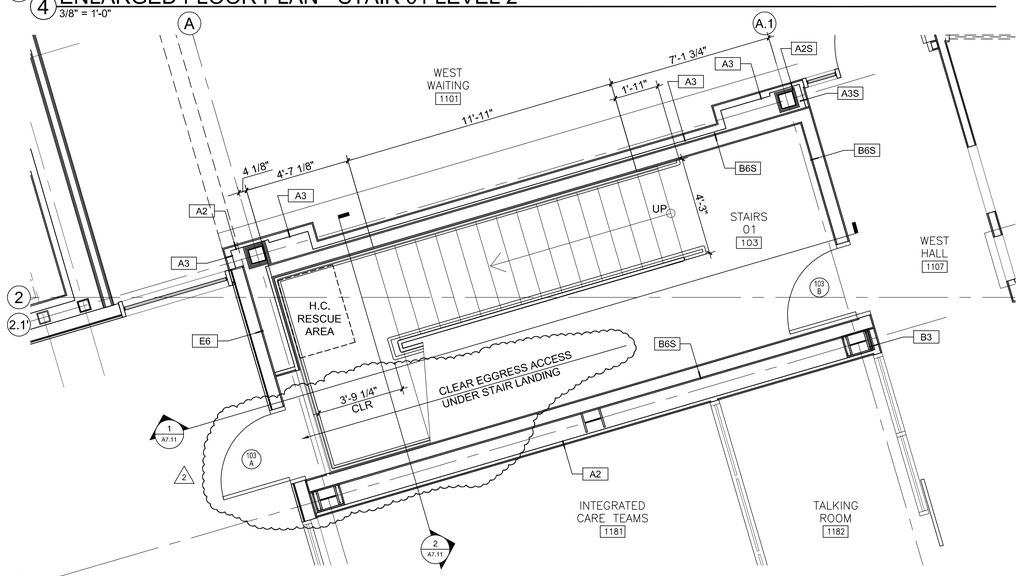
A6.23 INTERIOR FINISH SCHEDULE – LEVEL 3.DWG



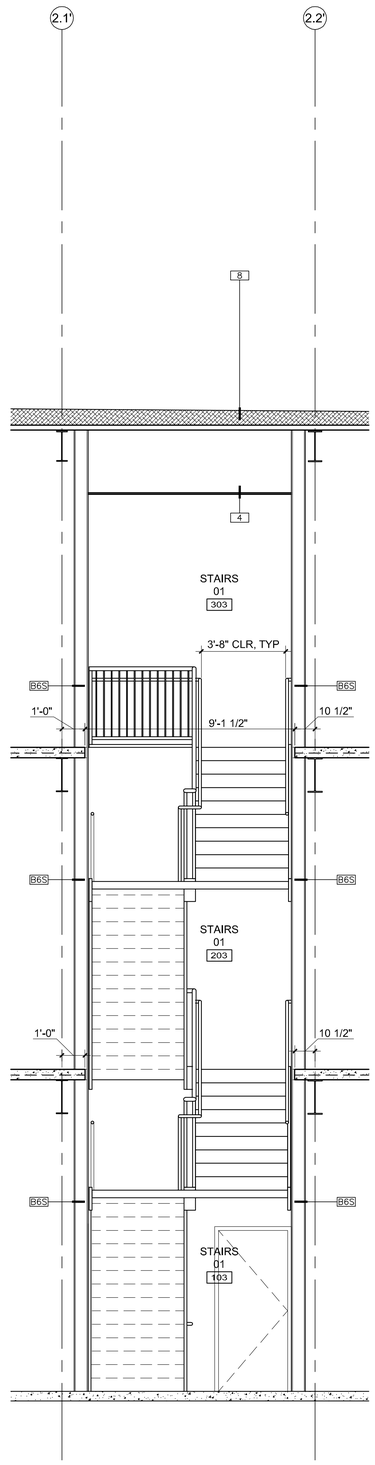
5 ENLARGED FLOOR PLAN - STAIR 01 LEVEL 3
3/8" = 1'-0"



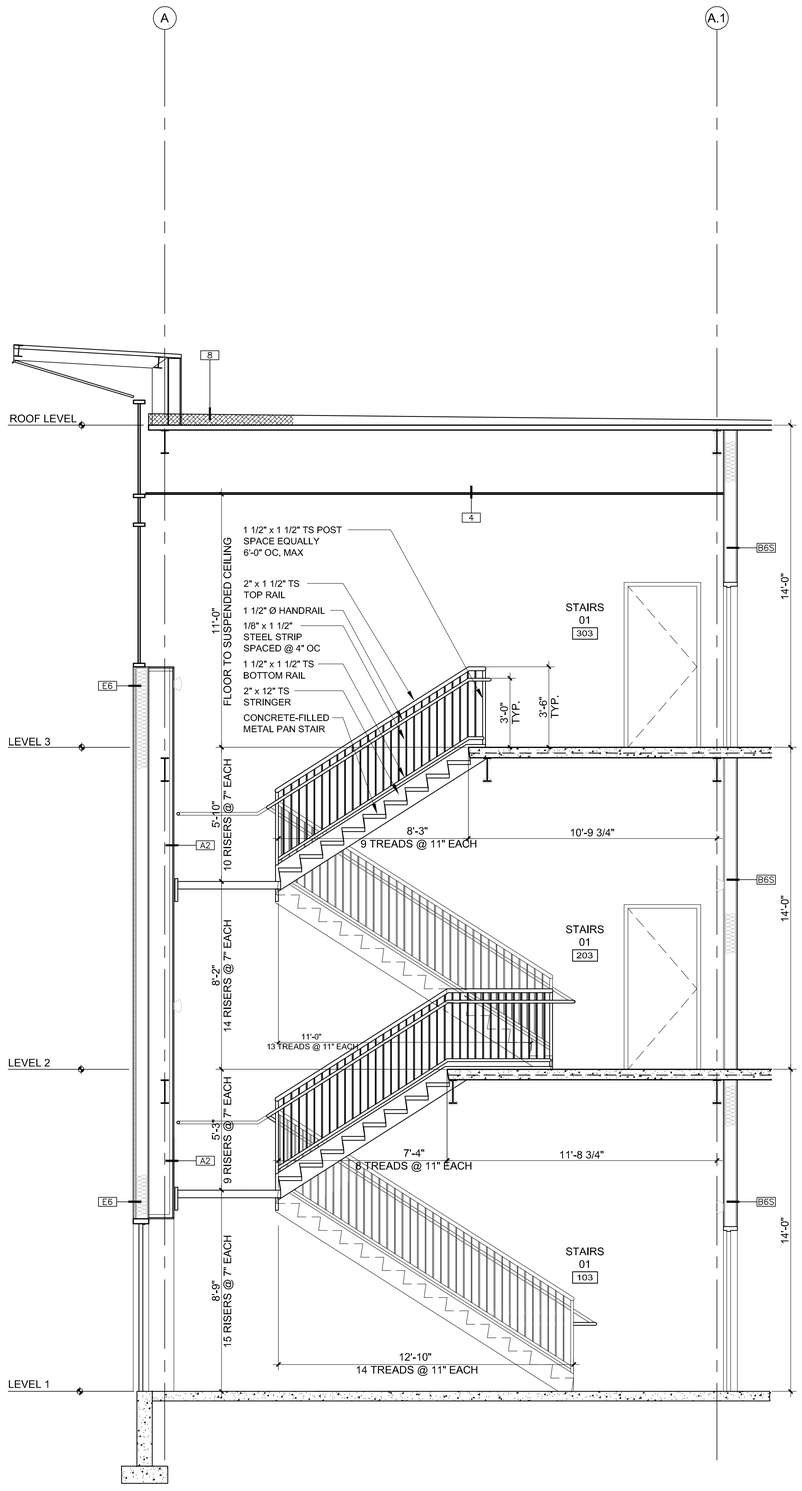
4 ENLARGED FLOOR PLAN - STAIR 01 LEVEL 2
3/8" = 1'-0"



3 ENLARGED FLOOR PLAN - STAIR 01 LEVEL 1
3/8" = 1'-0"



2 STAIRS 01 - CROSS SECTION
3/8" = 1'-0"



1 STAIRS 01 - WEST
3/8" = 1'-0"

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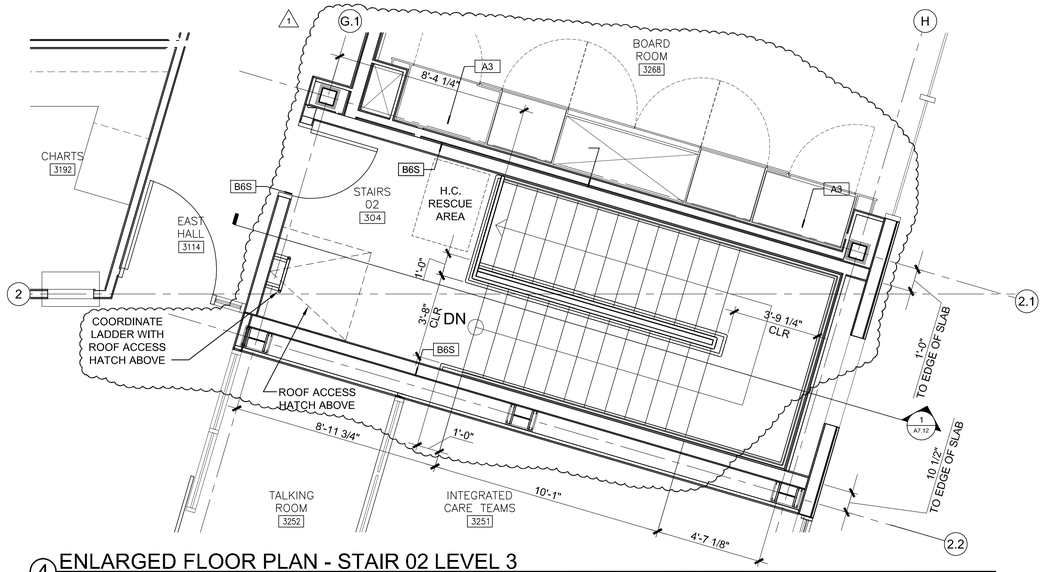
DATE	4/23/2008
DRAWN	ghm
REVIEWED	kb

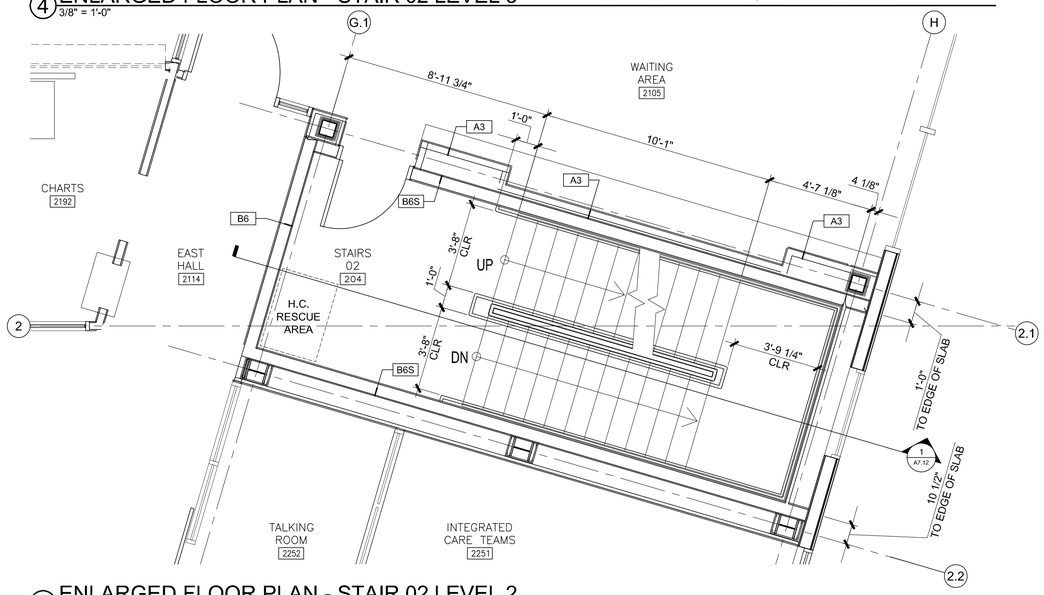
CONFORMED SET 04-23-2008

EXIT STAIR 01 PLANS & SECTION

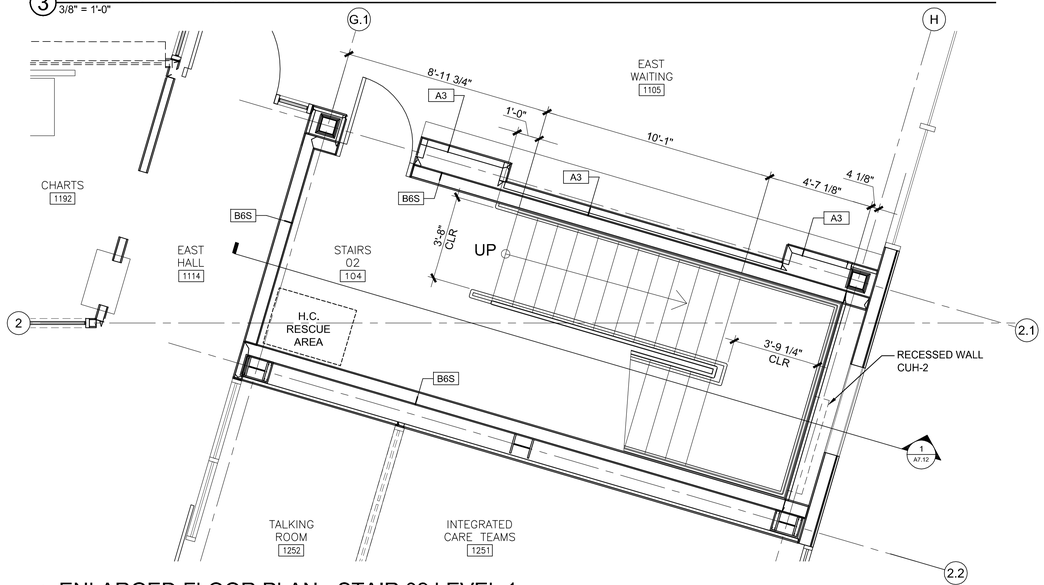
SHEET NO.
A7.11
A7.11 EXIT STAIR 01 PLANS & SECTION.DWG



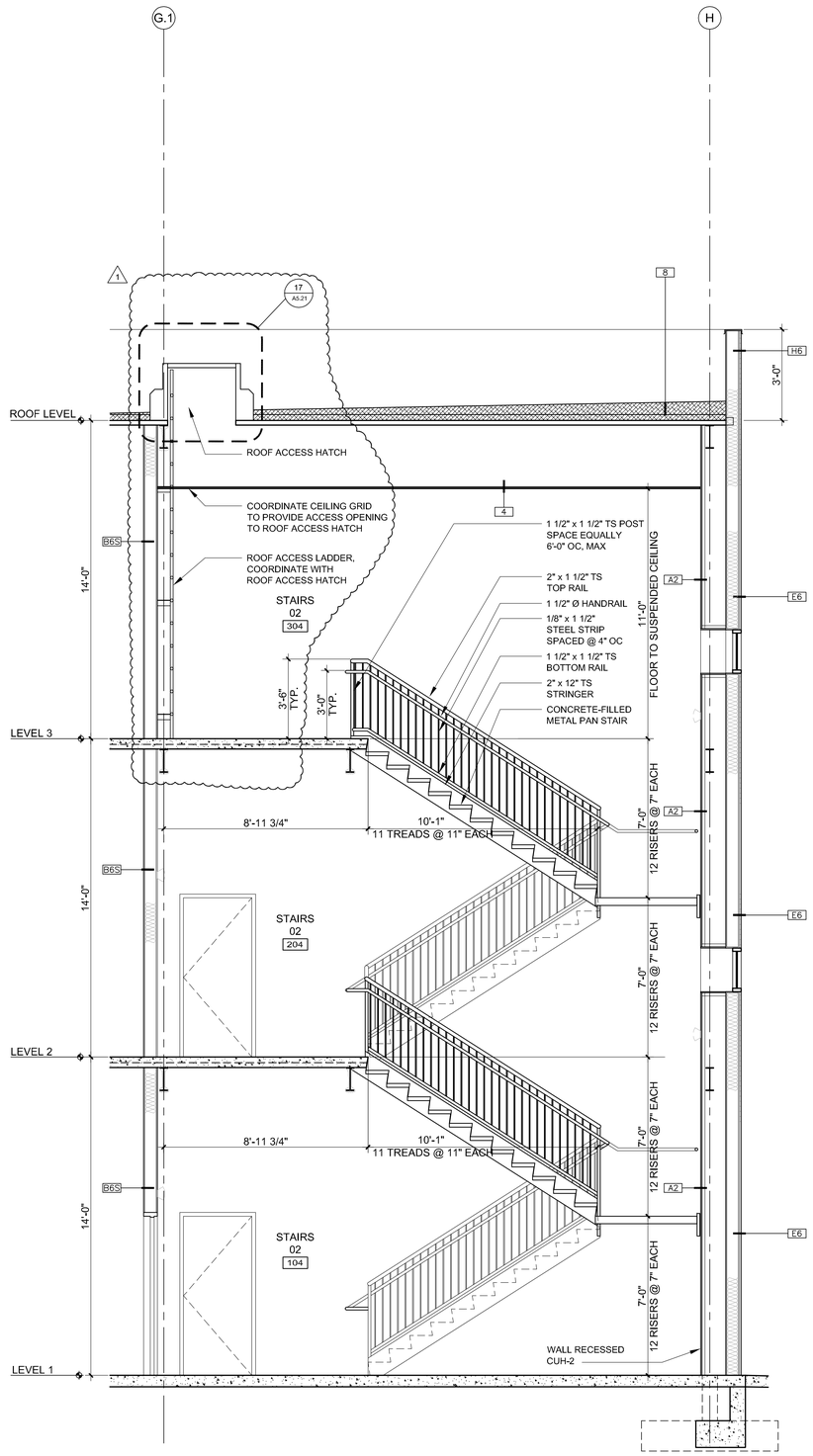
④ ENLARGED FLOOR PLAN - STAIR 02 LEVEL 3
3/8" = 1'-0"



③ ENLARGED FLOOR PLAN - STAIR 02 LEVEL 2
3/8" = 1'-0"



② ENLARGED FLOOR PLAN - STAIR 02 LEVEL 1
3/8" = 1'-0"



NOTE:
STAIRS 02 CROSS SECTION SIMILAR TO CROSS SECTION 2/A7.11.

① STAIRS 02 – EAST
3/8" = 1'-0"

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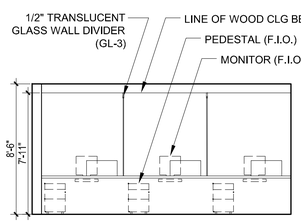
DRAWN	jr
REVIEWED	kb

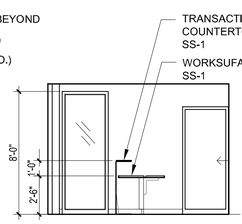
CONFORMED SET 04-23-2008

EXIT STAIR 02 PLANS & SECTION

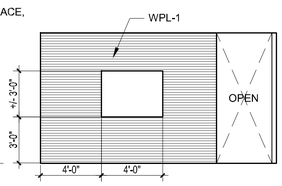
SHEET NO.
A7.12
A7.12 EXIT STAIR 02 PLANS & SECTION.DWG



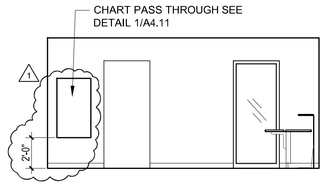
1 FRONT DESK - NORTH
1/4" = 1'-0"



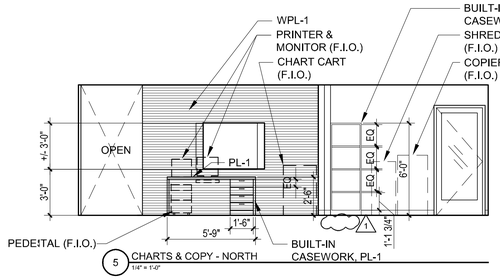
2 FRONT DESK - EAST
1/4" = 1'-0"



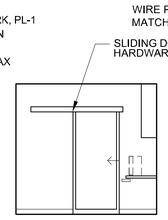
3 FRONT DESK - SOUTH
1/4" = 1'-0"



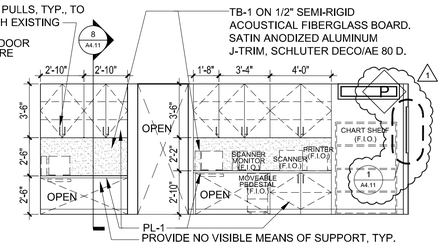
4 FRONT DESK - WEST
1/4" = 1'-0"



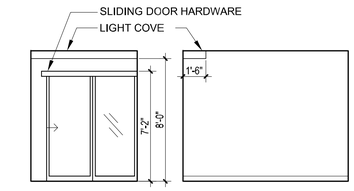
5 CHARTS & COPY - NORTH
1/4" = 1'-0"



6 CHARTS & COPY - EAST
1/4" = 1'-0"



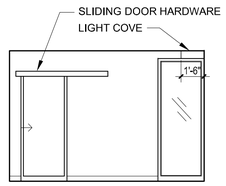
7 CHARTS & COPY - SOUTH
1/4" = 1'-0"



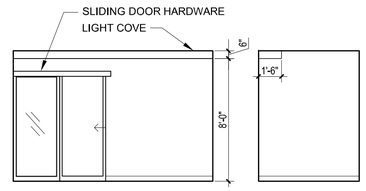
8 FHR - NORTH
1/4" = 1'-0"

9 FHR - EAST
1/4" = 1'-0"

10 FHR - SOUTH
1/4" = 1'-0"

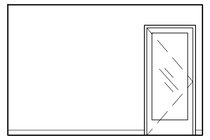


11 FHR - WEST
1/4" = 1'-0"

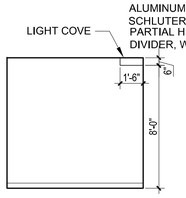


12 PHARMACY - NORTH
1/4" = 1'-0"

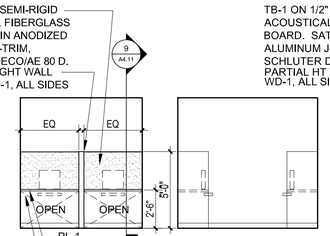
13 PHARMACY - EAST
1/4" = 1'-0"



14 PHARMACY - SOUTH
1/4" = 1'-0"

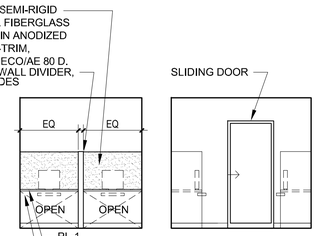


15 PHARMACY - WEST
1/4" = 1'-0"



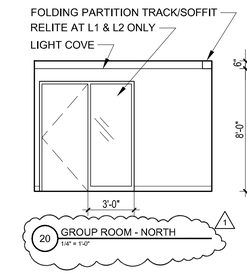
16 PHONE - NORTH
1/4" = 1'-0"

17 PHONE - EAST
1/4" = 1'-0"

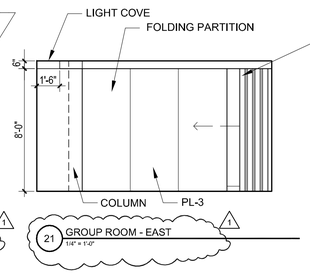


18 PHONE - SOUTH
1/4" = 1'-0"

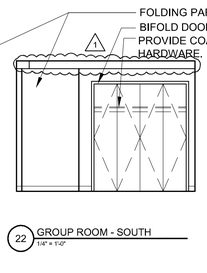
19 PHONE - WEST
1/4" = 1'-0"



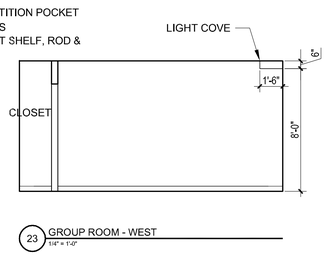
20 GROUP ROOM - NORTH
1/4" = 1'-0"



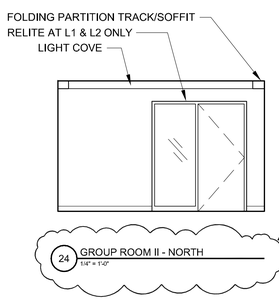
21 GROUP ROOM - EAST
1/4" = 1'-0"



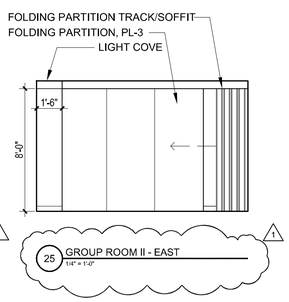
22 GROUP ROOM - SOUTH
1/4" = 1'-0"



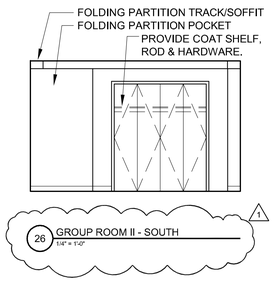
23 GROUP ROOM - WEST
1/4" = 1'-0"



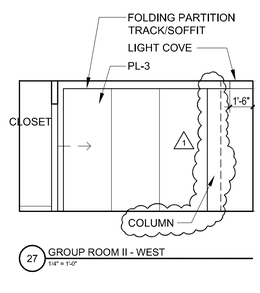
24 GROUP ROOM II - NORTH
1/4" = 1'-0"



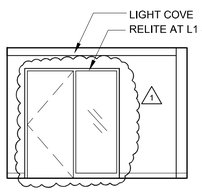
25 GROUP ROOM II - EAST
1/4" = 1'-0"



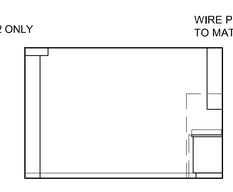
26 GROUP ROOM II - SOUTH
1/4" = 1'-0"



27 GROUP ROOM II - WEST
1/4" = 1'-0"



28 FAMILY ROOM II - NORTH
1/4" = 1'-0"



29 FAMILY ROOM II - EAST
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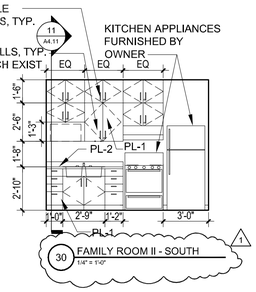
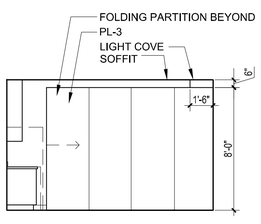
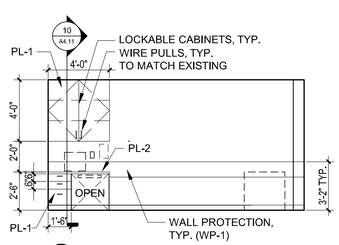


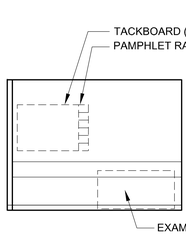
30 FAMILY ROOM II - SOUTH
1/4" = 1'-0"



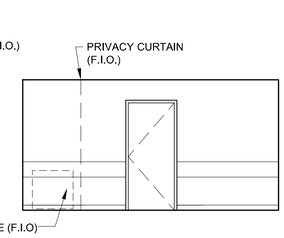
31 FAMILY ROOM II - WEST
1/4" = 1'-0"



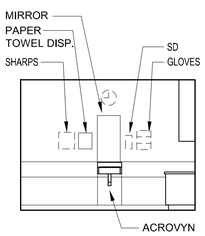
32 FAMILY ROOM - NORTH
1/4" = 1'-0"



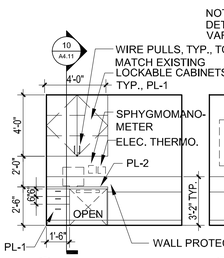
33 FAMILY ROOM - EAST
1/4" = 1'-0"



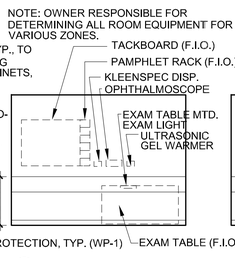
34 FAMILY ROOM - SOUTH
1/4" = 1'-0"



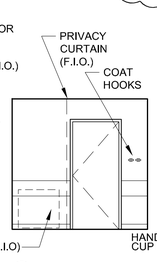
35 FAMILY ROOM - WEST
1/4" = 1'-0"



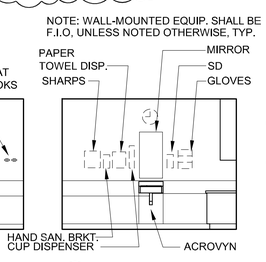
36 EXAM ROOM - NORTH
1/4" = 1'-0"



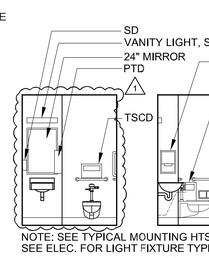
37 EXAM ROOM - EAST
1/4" = 1'-0"



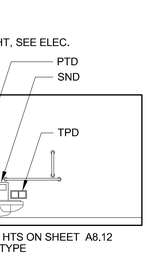
38 EXAM ROOM - SOUTH
1/4" = 1'-0"



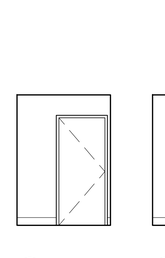
39 EXAM ROOM - WEST
1/4" = 1'-0"



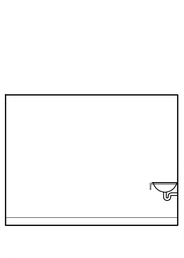
40 TOILET I - NORTH
1/4" = 1'-0"



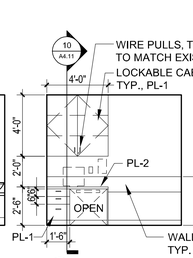
41 TOILET I - EAST
1/4" = 1'-0"



42 TOILET I - SOUTH
1/4" = 1'-0"



43 TOILET I - WEST
1/4" = 1'-0"



44 NURSE CLINIC - NORTH
1/4" = 1'-0"

45 NURSE CLINIC - EAST
1/4" = 1'-0"

46 NURSE CLINIC - SOUTH
1/4" = 1'-0"

47 NURSE CLINIC - WEST
1/4" = 1'-0"

48 LOCKERS - NORTH
1/4" = 1'-0"

49 LOCKERS - EAST
1/4" = 1'-0"

50 LOCKERS - SOUTH
1/4" = 1'-0"

51 LOCKERS - WEST
1/4" = 1'-0"

52 TALKING RM - NORTH
1/4" = 1'-0"

53 TALKING RM - EAST
1/4" = 1'-0"

54 TALKING RM - SOUTH
1/4" = 1'-0"

55 TALKING RM - WEST
1/4" = 1'-0"

56 TALKING RM B - NORTH
1/4" = 1'-0"

57 TALKING RM B - EAST
1/4" = 1'-0"

58 TALKING RM B - SOUTH
1/4" = 1'-0"

59 TALKING RM B - WEST
1/4" = 1'-0"

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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

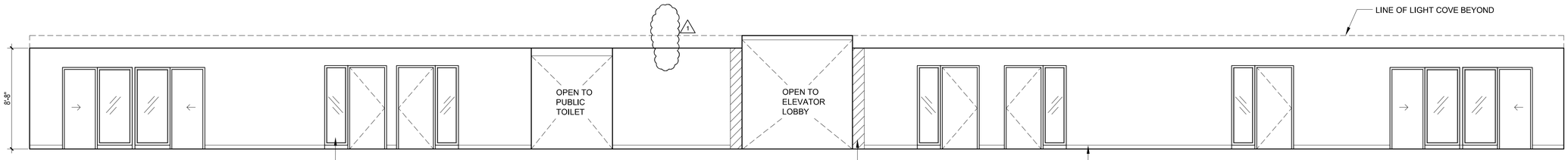
REVISIONS
1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

CONFORMED SET 04-23-2008

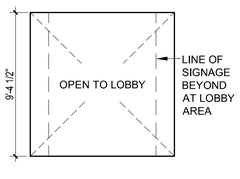
JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	rf / mm
REVIEWED	kb

INTERIOR ELEVATIONS - CLINIC

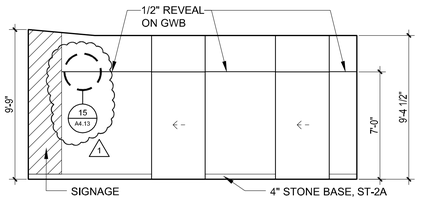
SHEET NO.
A8.11
A8.11 INTERIOR ELEVATIONS.DWG



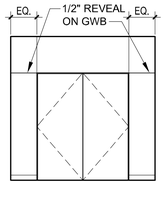
1 LOBBY - SOUTH
1/4" = 1'-0"



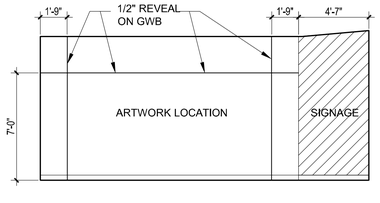
2 ELEV LOBBY - NORTH
1/4" = 1'-0"



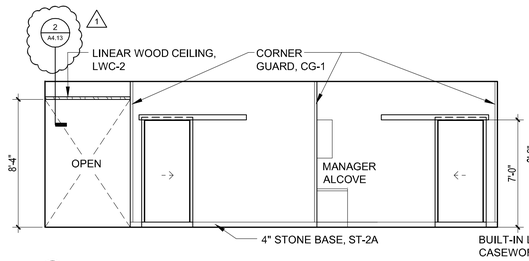
3 ELEV LOBBY - EAST
1/4" = 1'-0"



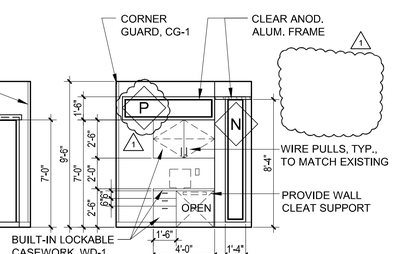
4 ELEV LOBBY - SOUTH
1/4" = 1'-0"



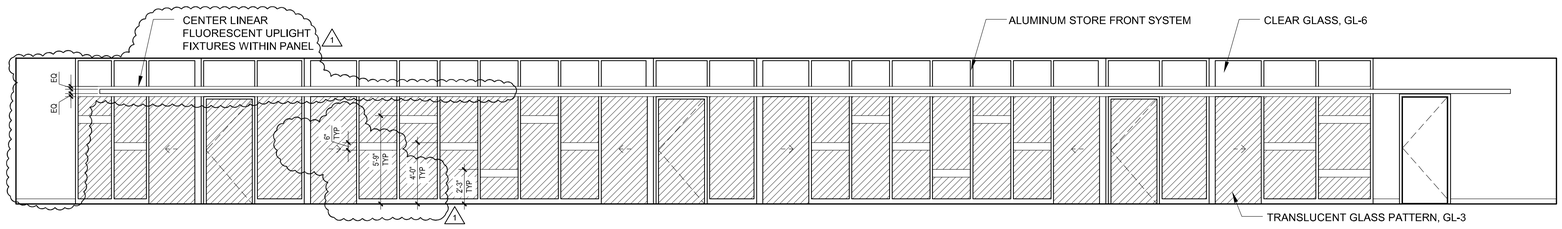
5 ELEV LOBBY - WEST
1/4" = 1'-0"



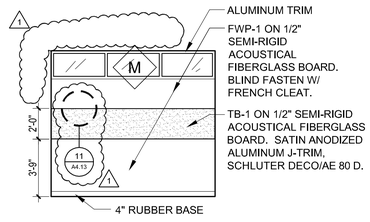
6 WEST HALL - EAST
1/4" = 1'-0"



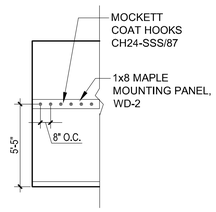
7 WEST HALL - NORTH
1/4" = 1'-0"



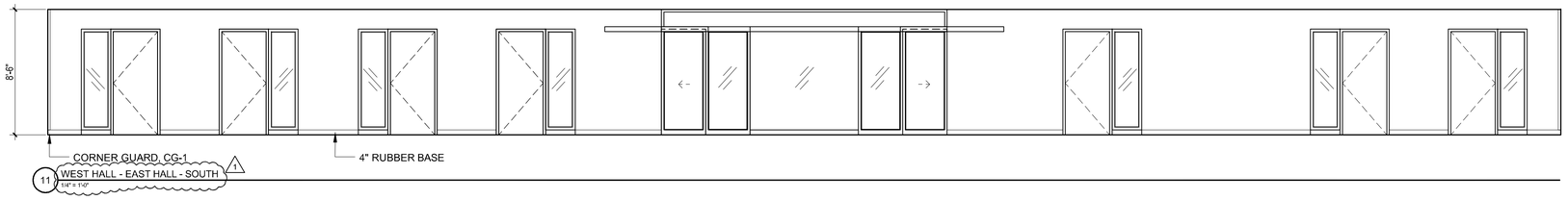
8 WEST HALL - WEST
1/4" = 1'-0"



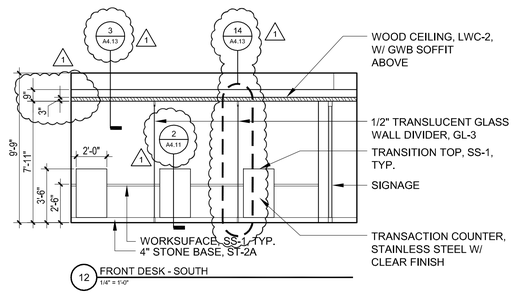
9 INTEGRATED CARE TEAM - EAST
1/4" = 1'-0"



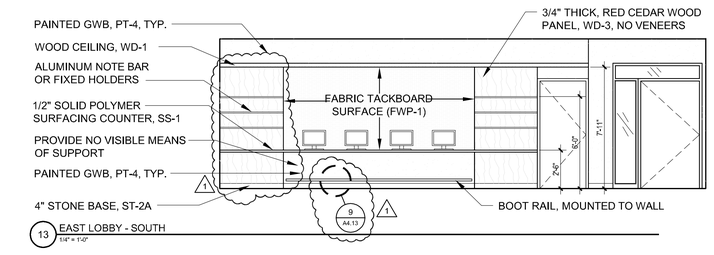
10 INTEGRATED CARE TEAM ENTRY-NW
1/4" = 1'-0"



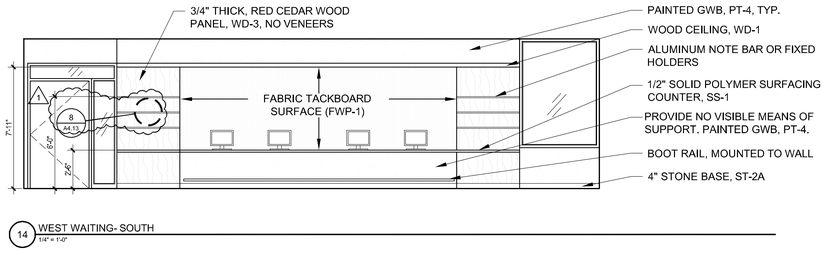
11 WEST HALL - EAST HALL - SOUTH
1/4" = 1'-0"



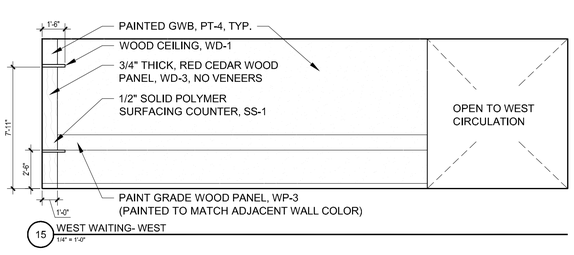
12 FRONT DESK - SOUTH
1/4" = 1'-0"



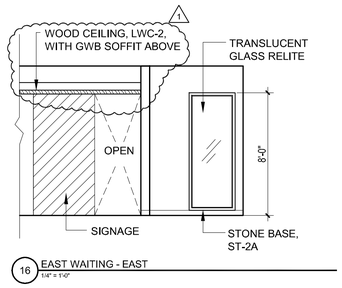
13 EAST LOBBY - SOUTH
1/4" = 1'-0"



14 WEST WAITING- SOUTH
1/4" = 1'-0"



15 WEST WAITING- WEST
1/4" = 1'-0"



16 EAST WAITING - EAST
1/4" = 1'-0"

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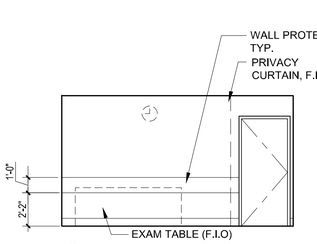
REVIEWED	kb

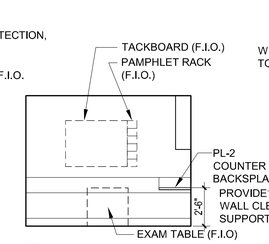
INTERIOR ELEVATIONS - COMMON & PUBLIC

SHEET NO.
A8.12

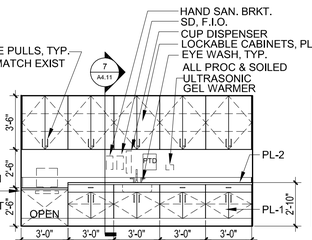
A8.12 INTERIOR ELEVATIONS.DWG



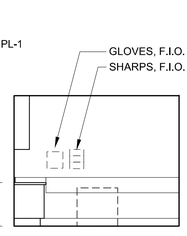
1 GENERAL PROCEDURE RM - NORTH
1/4" = 1'-0"



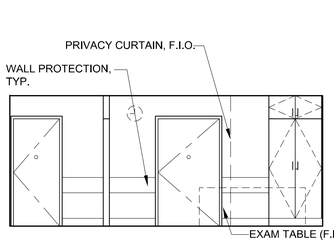
2 GENERAL PROCEDURE RM - EAST
1/4" = 1'-0"



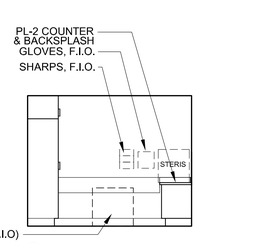
3 GENERAL PROCEDURE RM - SOUTH
1/4" = 1'-0"



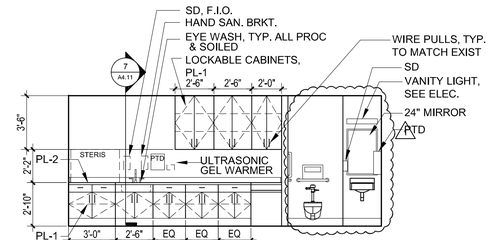
4 GENERAL PROCEDURE RM - WEST
1/4" = 1'-0"



5 SPECIAL PROCEDURE RM - NORTH
1/4" = 1'-0"

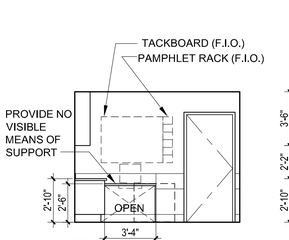


6 SPECIAL PROCEDURE RM - EAST
1/4" = 1'-0"

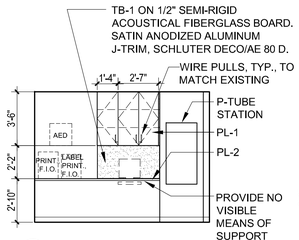


7 SPECIAL PROCEDURE RM - SOUTH
1/4" = 1'-0"

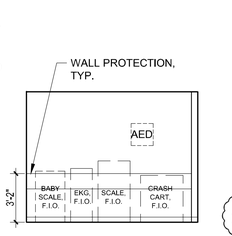
NOTE:
SEE TYPICAL MOUNTING HEIGHTS THIS SHEET



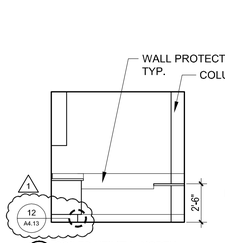
8 SPECIAL PROCEDURE RM - WEST
1/4" = 1'-0"



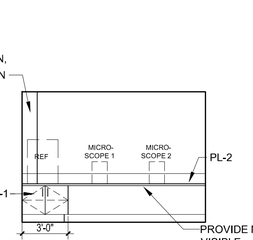
9 EQUIPMENT ALCOVE 1218 - EAST
1/4" = 1'-0"



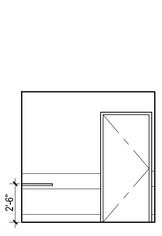
10 EQUIPMENT ALCOVE 1147 - WEST
1/4" = 1'-0"



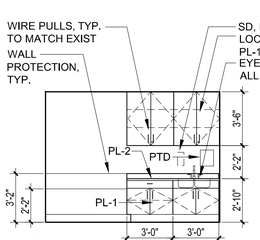
11 SOILED UTILITY - NORTH
1/4" = 1'-0"



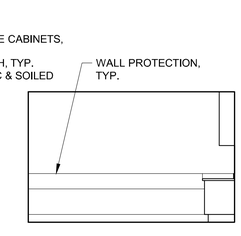
12 SOILED UTILITY - EAST
1/4" = 1'-0"



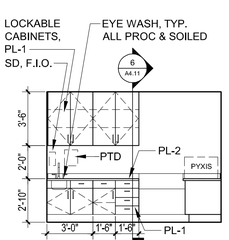
13 SOILED UTILITY - SOUTH
1/4" = 1'-0"



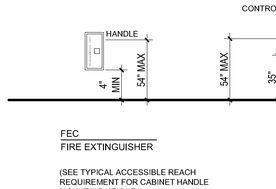
14 SOILED UTILITY - WEST
1/4" = 1'-0"



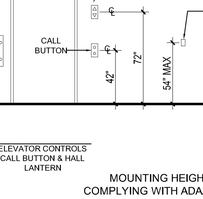
15 CLEAN UTILITY - NORTH
1/4" = 1'-0"



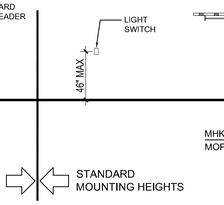
16 CLEAN UTILITY - EAST
1/4" = 1'-0"



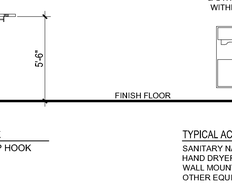
17 CLEAN UTILITY - SOUTH
1/4" = 1'-0"



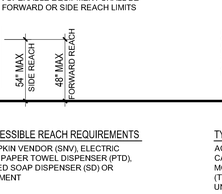
18 CLEAN UTILITY - WEST
1/4" = 1'-0"



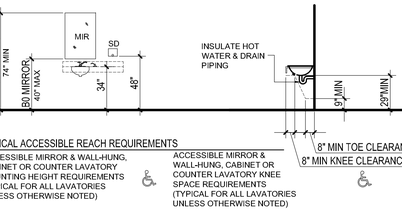
19 STAFF BREAK ROOM - WEST
1/4" = 1'-0"



20 STAFF BREAK ROOM - EAST
1/4" = 1'-0"



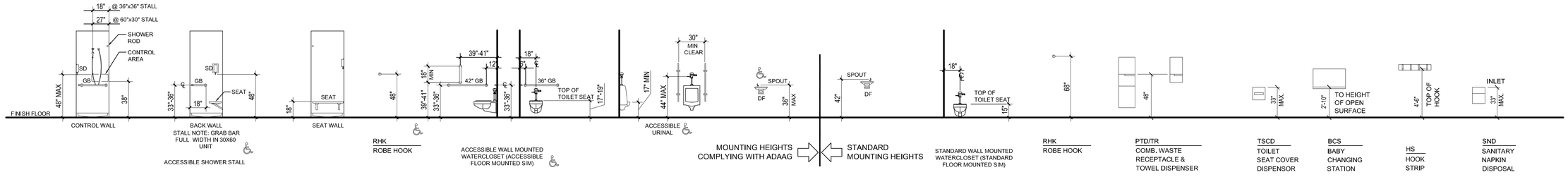
21 GROUP ROOM
1/4" = 1'-0"



22 TALKING ROOM
1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE

	ABBREVIATION	ACCESSORY	BOBRICK #
PUBLIC TOILET ROOMS	PTD/TR	PAPER TOWEL DISPENSER/TRASH RECEPTACLE	B-390034
1200, 1201	TSCD	TOILET SEAT COVER DISPENSER	B-221
2200, 2201	TPD	TOILET PAPER DISPENSER	B-6977
3200, 3201	DCS	DIAPER CHANGING STATION	KB100-00
	SND	SANITARY NAPKIN DISPOSAL	B-254
	SNV	SANITARY NAPKIN VENDOR	B-2800
	SD	SOAP DISPENSER	B-2111
		SHELF	B-295
		HOOK STRIP	B-232
		MIRROR	B-165
PATIENT TOILET ROOMS	PTD	PAPER TOWEL DISPENSER	B-262
1133, 1165, 1169, 1207, 1235, 1239	TSCD	TOILET SEAT COVER DISPENSER	B-211
2133, 2165, 2169, 2207, 2235, 2239	TPD	TOILET PAPER DISPENSER	B-6977
3133, 3165, 3169, 3207, 3235, 3239	SND	SANITARY NAPKIN DISPOSAL	B-254
	SD	SOAP DISPENSER	B-2111
		SHELF	B-295
		HOOK STRIP	B-232
		MIRROR	B-165
		TRASH CAN	NIC
		-	
PATIENT TOILET ROOMS	PTD	PAPER TOWEL DISPENSER	B-262
WITH SHOWER	TSCD	TOILET SEAT COVER DISPENSER	B-221
1250, 1221	TPD	TOILET PAPER DISPENSER	B-6977
2250, 2221	SND	SANITARY NAPKIN DISPOSAL	B-254
3150, 3221	SD	SOAP DISPENSER	B-2111
		HOOK STRIP	B-232
		MIRROR	B-165
		TOWEL BAR W/ SHELF	B-76767
		FOLD-DOWN BENCH	B-5181
		SHOWER ROD	B-6047
		SHOWER CURTAIN	204-2/204-3
		SHOWER HOOKS	204-1
		TRASH CAN	NIC



GENERAL NOTES:

1. COORDINATE ALL MOUNTING HEIGHTS W/MANUFACTURER RECOMMENDATIONS NOTIFY ARCHITECT OF ANY DISCREPANCY W/STANDARD MOUNTING HEIGHTS
2. TYPICAL MOUNTING HEIGHTS AS SHOWN UNLESS OTHERWISE INDICATED.
3. NOT ALL ITEMS SHOWN ON THIS SHEET ARE INCLUDED IN THE PROJECT.
4. PROVIDE BACKING AS REQUIRED FOR ALL WALL HUNG FIXTURES, FINISHES AND EQUIPMENT.
5. ALL UPPER AND LOWER CABINETS TO BE PLASTIC LAMINATE, TYP, UNO. (PLAM-1 : VERTICAL, PLAM-2: HORIZONTAL

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1 CONFORMED SET 04-23-08
2 MOA Review Responses 04-23-08

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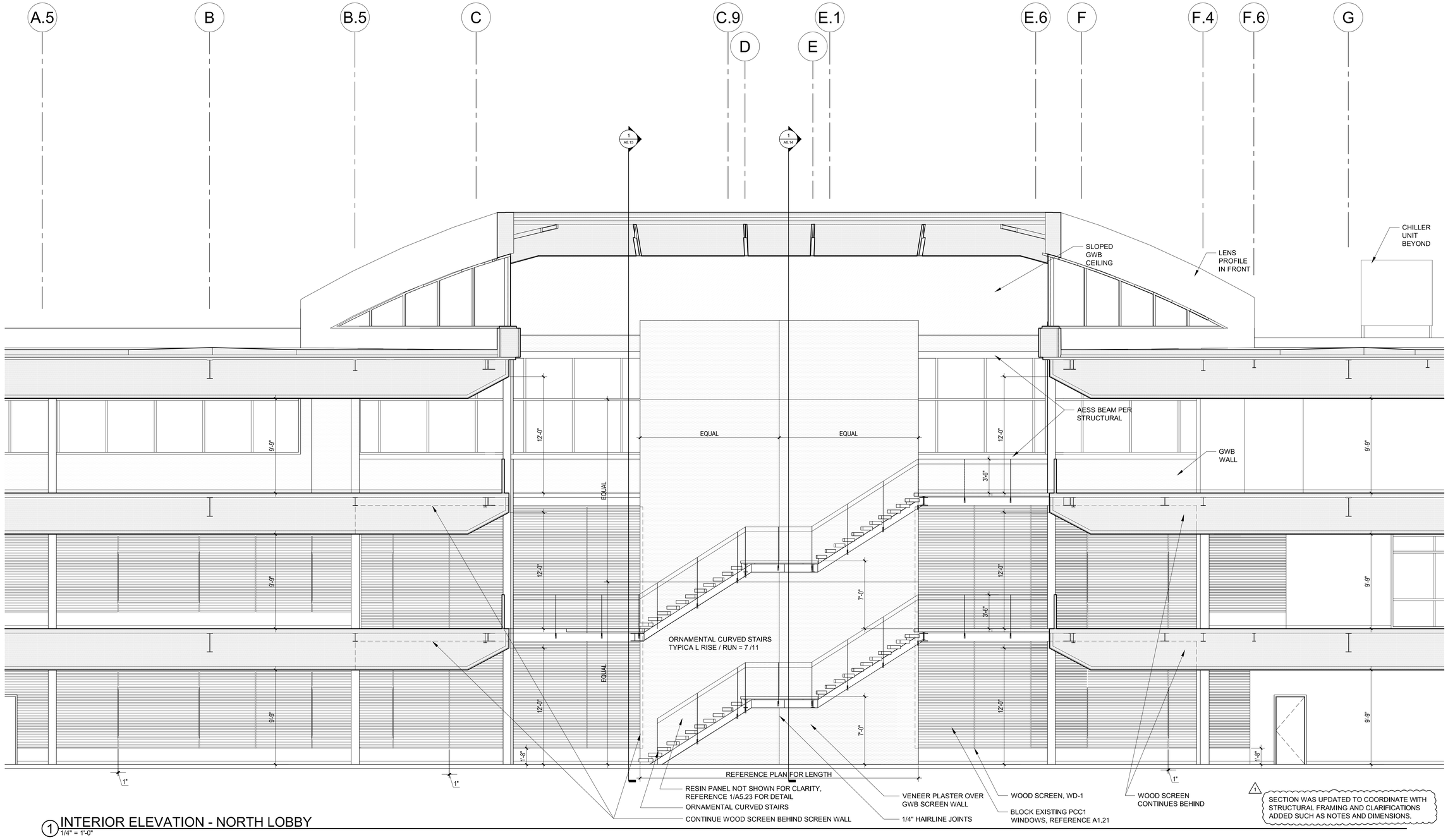
JOB NO.	A6070.01
DATE	4/23/2008
DRAWN	rf / mm
REVIEWED	kb

INTERIOR ELEVATIONS - CLINIC & MOUNTING

SHEET NO.
A8.13

A8.13 INTERIOR ELEVATIONS – CLINIC & MOUNTING.DWG



1 INTERIOR ELEVATION - NORTH LOBBY

1/4" = 1'-0"

1

THIS DETAIL WAS DELETED, A REVISED WALL FEATURE WILL BE DESIGNED AT A LATER DATE.

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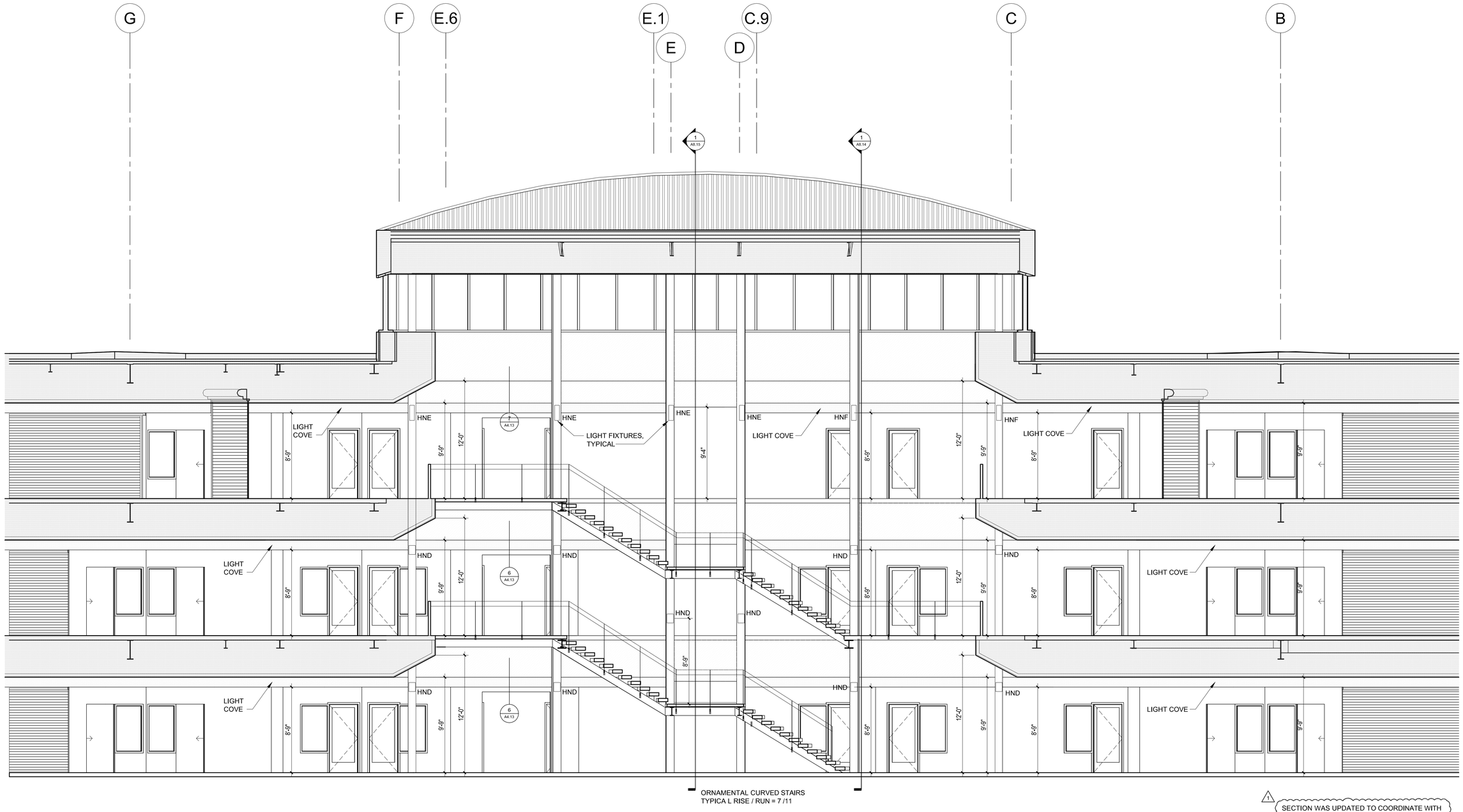
LOBBY INTERIOR NORTH ELEVATION

SHEET NO.

A8.14

A8.14 LOBBY INTERIOR NORTH ELEVATION.DWG



1 SECTION WAS UPDATED TO COORDINATE WITH STRUCTURAL FRAMING AND CLARIFICATIONS ADDED SUCH AS NOTES AND DIMENSIONS.

1 INTERIOR ELEVATION - SOUTH LOBBY
1/4" = 1'-0"

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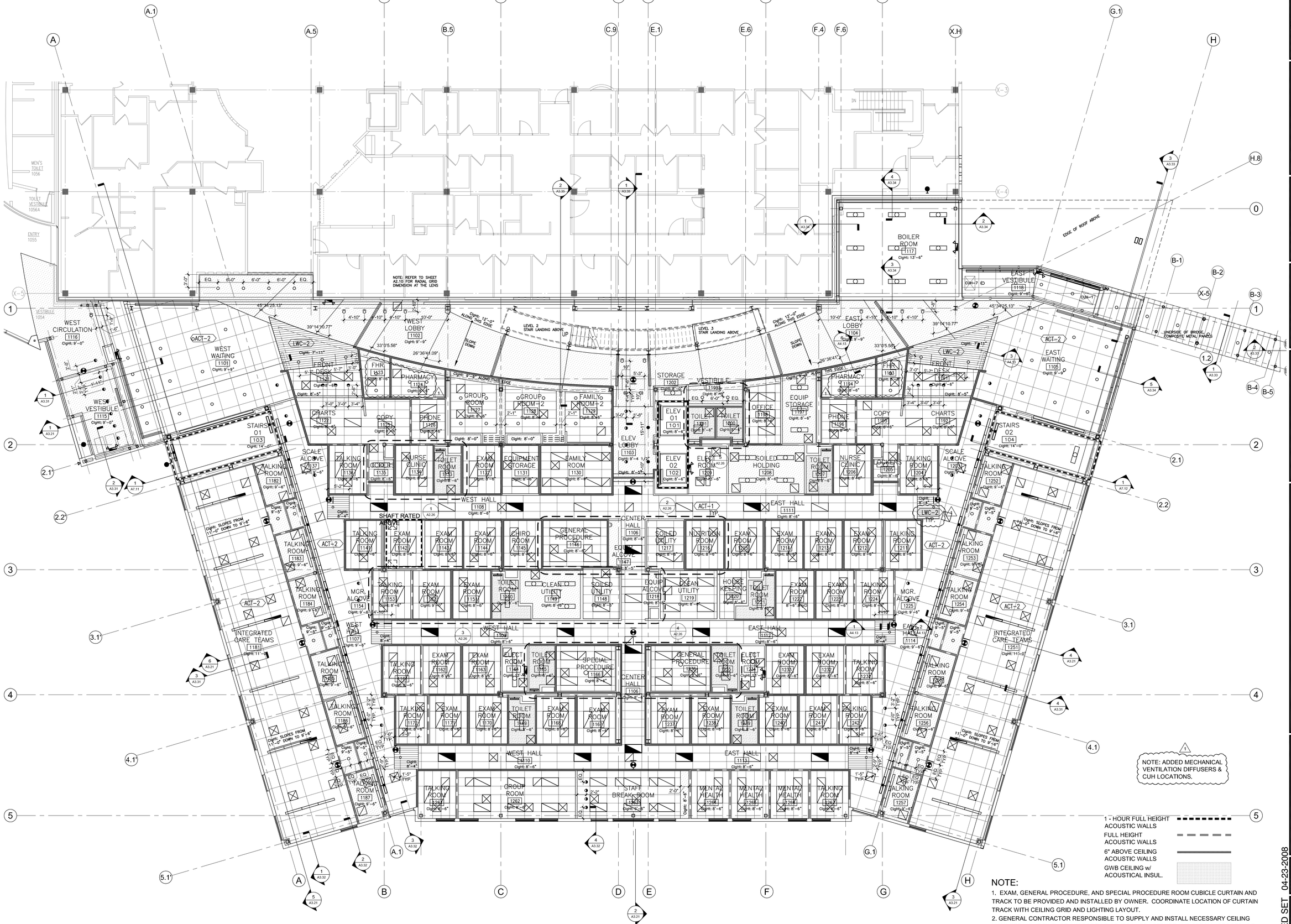
LOBBY INTERIOR SOUTH ELEVATION

SHEET NO.
A8.15

A8.15 LOBBY INTERIOR SOUTH ELEVATION.DWG



1 NOTE: ADDED MECHANICAL VENTILATION DIFFUSERS & CUH LOCATIONS.

NOTE:

1. EXAM, GENERAL PROCEDURE, AND SPECIAL PROCEDURE ROOM CUBICLE CURTAIN AND TRACK TO BE PROVIDED AND INSTALLED BY OWNER. COORDINATE LOCATION OF CURTAIN TRACK WITH CEILING GRID AND LIGHTING LAYOUT.
2. GENERAL CONTRACTOR RESPONSIBLE TO SUPPLY AND INSTALL NECESSARY CEILING MOUNTED LIGHT FIXTURE SUPPORT AT GENERAL PROCEDURE AND SPECIAL PROCEDURE ROOMS.
3. INSTALL LEVEL 5 FINISH FOR GWB AT EAST AND WEST LOBBY AND ELEVATOR LOBBY CEILINGS, TYP. AT EACH LEVEL.
4. INSTALL LEVEL 5 FINISH FOR GWB SUBSTRATE AT LENS WALL SURFACE - FULL HEIGHT.
5. LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS UNLESS OTHERWISE NOTED.

1 OVERALL REFLECTED CEILING PLAN - LEVEL 1
1/8" = 1'-0"

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DATE	4/23/2008
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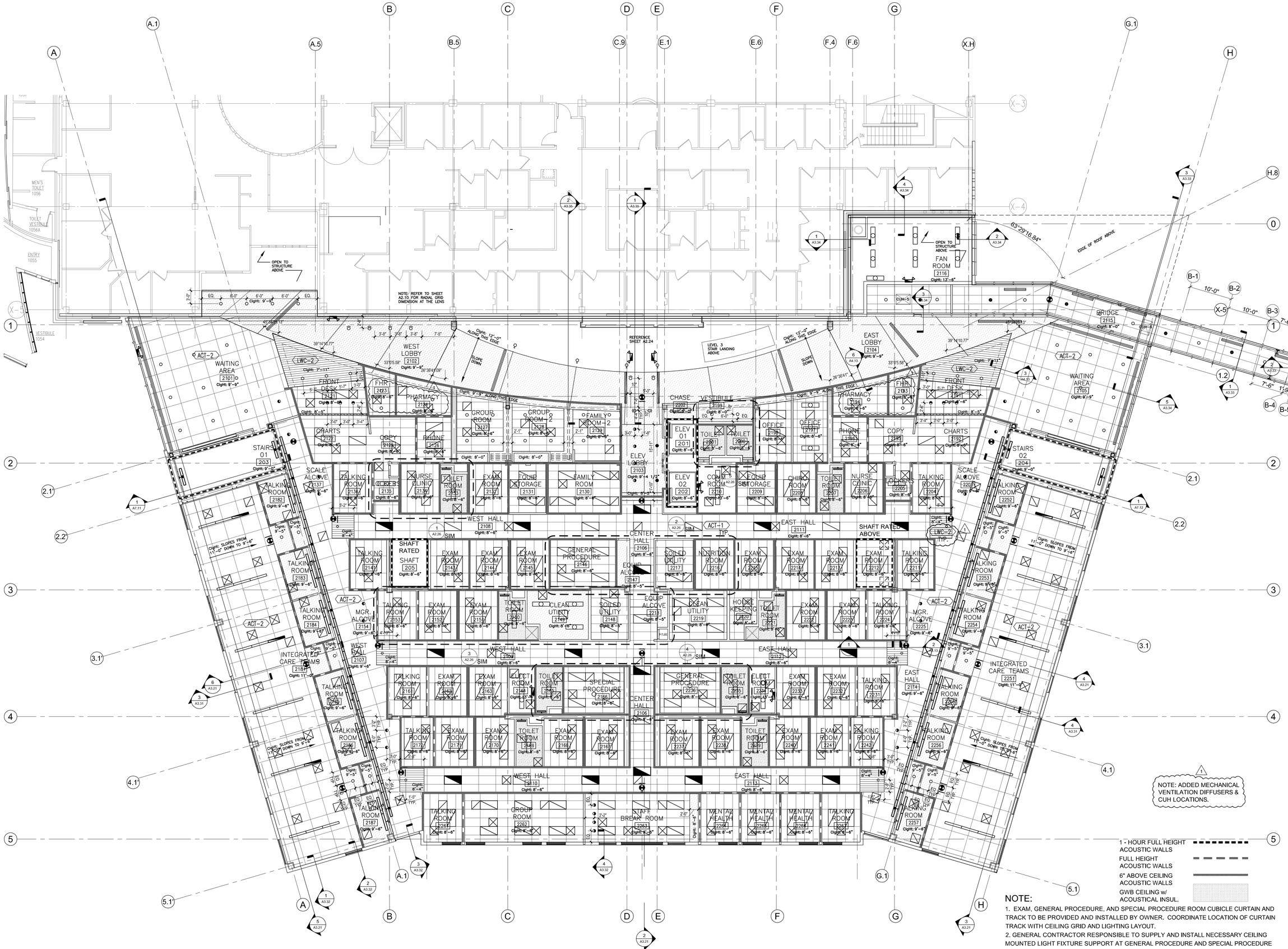
REFLECTED CEILING PLAN LEVEL 1

SHEET NO. A9.11

A9.11_RCP LEVEL 1.DWG



NOTE:

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1 REFLECTED CEILING PLAN - LEVEL 2

1/8" = 1'-0"

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DATE	4/23/2008
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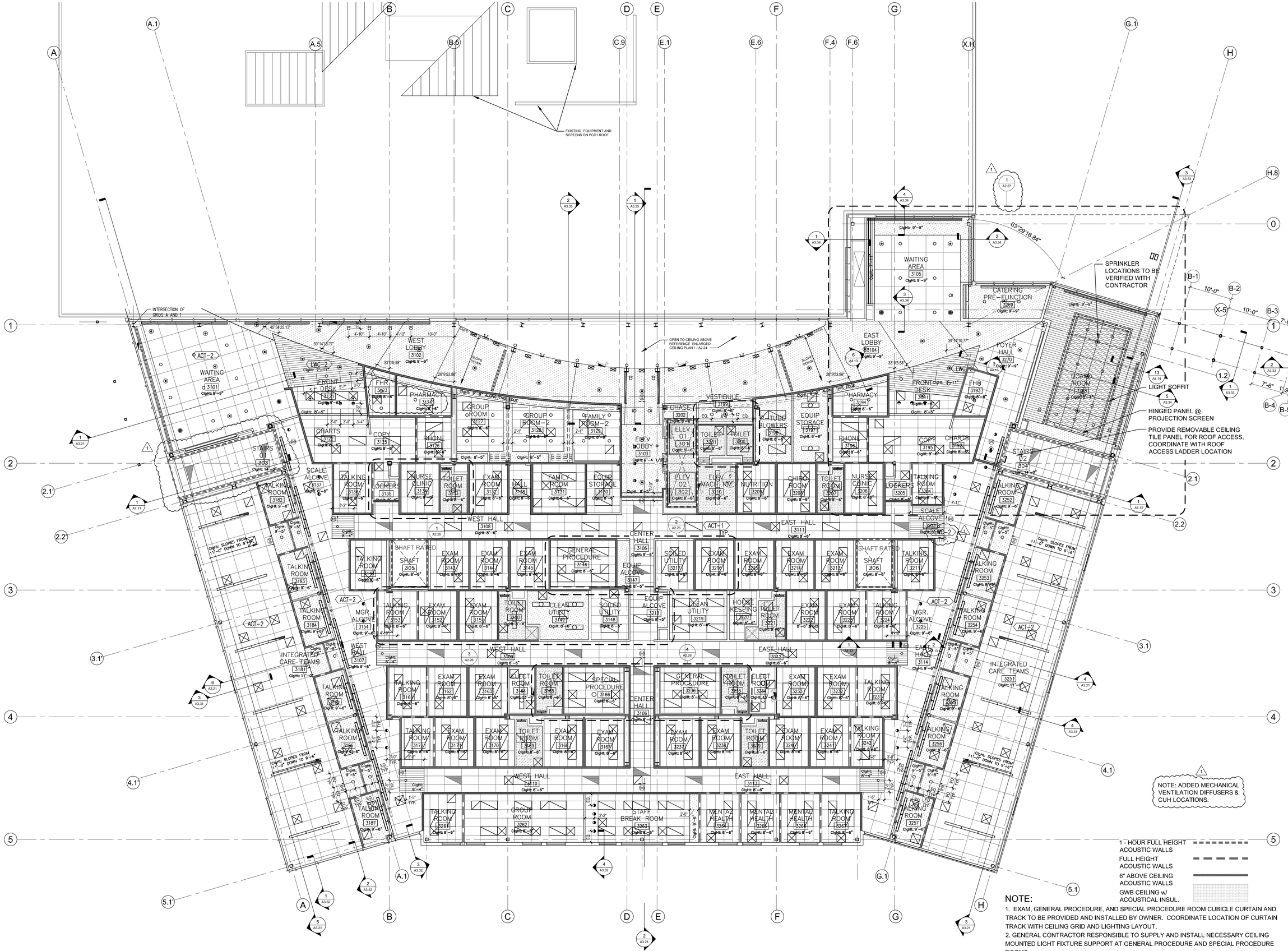
REFLECTED CEILING PLAN LEVEL 2

SHEET NO. A9.12

A9.12 RCP LEVEL 2.DWG



1 REFLECTED CEILING PLAN - LEVEL 3
1/8" = 1'-0"

NOTE:

1. EXAM, GENERAL PROCEDURE, AND SPECIAL PROCEDURE ROOM CUBICLE CURTAIN AND TRACK TO BE PROVIDED AND INSTALLED BY OWNER. COORDINATE LOCATION OF CURTAIN TRACK WITH CEILING GRID AND LIGHTING LAYOUT.
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CONFORMED SET 04-23-2008

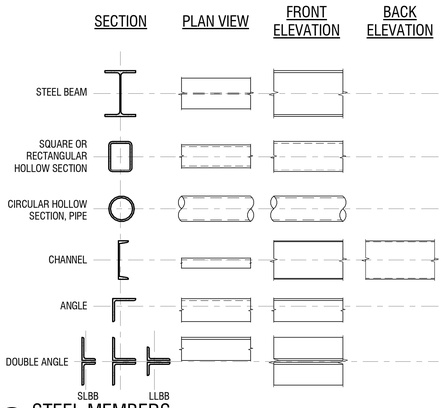
REFLECTED CEILING PLAN LEVEL 3

SHEET NO.
A9.13
A9.13 RCP LEVEL 3.DWG

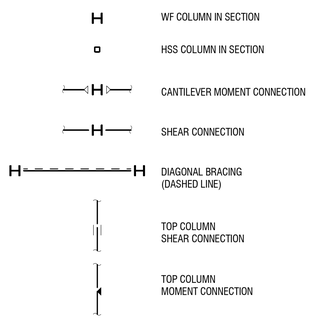
&	AND
"	DEGREE
#	NUMBER, POUND
Ø, DIA	DIAMETER
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ADDL	ADDITIONAL
ADJ	ADJACENT
AGGR	AGGREGATE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APPD	APPROVED
APPROX	APPROXIMATE
AR	ANCHOR RODS
ARCH	ARCHITECTURAL; ARCHITECT
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BAL	BALANCE
BD	BOARD
BLDG	BUILDING
BLK	BLOCK; BLOCKING
BM	BEAM
BF	BRACED FRAME
BMU	BRICK MASONRY UNITS
BOS	BOTTOM OF STEEL; BOSOM (WELD)
BOT	BOTTOM
BRCG	BRACING
BRG	BEARING
BRKT	BRACKET
BS	BRITISH STANDARD
BSMT	BASEMENT
BTWN	BETWEEN
BU	BUILT-UP
C	STANDARD CHANNEL
C	CAMBER
CANT	CANTILEVER
CC	CENTER TO CENTER
CG	CENTER OF GRAVITY
CIP	CAST-IN-PLACE
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLR	CLEARANCE; CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMP	COMPRESSION
CONC	CONCRETE
CONFIG	CONFIGURATION
CONN	CONNECTION; CONNECT
CONST	CONSTRUCTION
CONT	CONTINUE; CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE; COORDINATION
CORR	CORRUGATED
CP	COMPLETE PENETRATION WELD-ULTRASONIC TEST
CTR	CENTER
CTSK	COUNTERSINK; COUNTERSUNK
CU	CUBIC
D	PENNY (NAIL)
DBL	DOUBLE
DEG, °	DEGREE
DEMO	DEMOLISH; DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DIA, Ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DICA	DRILLED-IN CONCRETE ANCHOR
DIM	DIMENSION
DISC	DISCONTINUED; DISCONTINUOUS
DL	DEADLOAD
DN	DOWN
DO	DITTO
DWG	DRAWING
DWL	DOWEL
(E)	EXISTING
E	EAST
E-W	EAST-WEST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED	EMBEDDED
ENGR	ENGINEER
EQ	EQUAL; EARTHQUAKE
EQUIP	EQUIPMENT
ES	EACH SIDE
ETC	ET CETERA
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EXTD	EXTEND; EXTENDED
FD	FLOOR DRAIN
FDN	FOUNDATION
FF	FAR FACE
FG	FRICTION GRIP BOLT
FIN	FINISH
FL	FLOOR; FLOOR LINE
FLG	FLANGE
FOS	FACE OF STUD
FP	FIREPROOF; FULL PENETRATION
FRMG	FRAMING
FS	FULL SIZE; FAR SIDE
FT	FOOT; FEET
FTG	FOOTING
GA	GAGE
GALV	GALVANIZED
GB	GRADE BEAM
GL	GLUED LAMINATED (BEAM)
GRND	GROUND
H	HORIZONTAL
HEF	HORIZONTAL EACH FACE
HGR	HANGER
HIF	HORIZONTAL INSIDE FACE
HOF	HORIZONTAL OUTSIDE FACE
HORIZ	HORIZONTAL
HP	HP SHAPES; HIGH POINT
HS	HIGH STRENGTH
HSS	HOLLOW STEEL SHAPE
HT	HEIGHT
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
JST	JOIST
JT	JOINT
KG	KILOGRAM
K	KIP (1,000 POUNDS)
KN	KILONEWTON
KO	KNOCK-OUT
KPA	KILOPASCAL
KSC	KILOGRAMS PER SQUARE CENTIMETER
KSI	KIPS PER SQUARE INCH

L	ANGLE
LAB	LABORATORY
LB	POUND
LF	LINEAL FOOT
LIN	LINEAL; LINEAR
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LLBB	LONG LEGS BACK-TO-BACK
LOC	LOCATION; LOCATE
LONGIT	LONGITUDINAL
LP	LOW POINT
LSL	LONG SLOTTED (HOLES)
LTWT	LIGHTWEIGHT
LVL	LEVEL
LWC	LIGHT WEIGHT CONCRETE
M	METER
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MISCELLANEOUS CHANNEL
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL/ ELECTRICAL / PLUMBING
MEZZ	MEZZANINE
MF	MOMENT FRAME
MFB	MOMENT FRAME BEAM
MFC	MOMENT FRAME COLUMN
MFR	MANUFACTURE; MANUFACTURER
MFRG	MANUFACTURING
MIN	MINIMUM; MINUTE
MISC	MISCELLANEOUS
ML	MATCH LINE
MM	MILLIMETER
MO	MASONRY OPENING
MPA	MEGAPASCAL
MS	MECHANICAL SPLICE
MW	MOVEABLE WALL
#	NUMBER
N	NEWTON; NORTH
N-S	NORTH-SOUTH
NF	NEAR FACE
NFPA	NATIONAL FOREST PRODUCTS ASSOCIATION
NIC	NOT IN CONTRACT
NS	NEAR SIDE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE (HAND)
OPT	OPTION; OPTIONAL
OVS	OVERSIZED (HOLES)
OWJ	OPEN WEB JOIST
P	PIPE
PC	PRECAST
PCF	POUNDS PER CUBIC FOOT
PCP	PRECAST CONCRETE PANEL
PEN	PENETRATION
PERP	PERPENDICULAR
PH	PENTHOUSE
PL	PLATE
PLC	PLACE
PLF	POUNDS PER LINEAL FOOT
PLYWD	PLYWOOD
PP	PARTIAL PENETRATION
PREFAB	PREFABRICATED
PS	PRESTRESSED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
PVC	POLYVINYL CHLORIDE
R	RADIUS
RB	RISER BAR
RCMD	RECOMMEND
REF	REFERENCE
REINF	REINFORCE; REINFORCING; REINFORCEMENT
REQD	REQUIRED
REQT	REQUIREMENT
S1S	SURFACED ONE SIDE
S2S	SURFACED TWO SIDES
S4S	SURFACED FOUR SIDES
S	AMERICAN STANDARD SHAPE; SOUTH
SB	SPACER BAR; SUPPORT BAR
SC	SLIP CRITICAL
SCC	STRUCTURAL CONSULTANT TO THE CONTRACTOR
SCHED	SCHEDULE, SCHEDULED
SDQ	SPECIAL DUCTILE QUALITY
SECT	SECTION
SEOR	STRUCTURAL ENGINEER OF RECORD
SHT	SHEET
SHTG	SHEETING; SHEATHING
SIM	SIMILAR
SLBB	SHORT LEGS BACK-TO- BACK
SLRS	SEISMIC LOAD RESISTING SYSTEM
SOG	SLAB ON GRADE
SP	SPIRAL
SPC	SPACE
SPCG	SPACING
SPEC	SPECIFICATION
SQ	SQUARE
SSL	SHORT SLOTTED (HOLES)
STD	STANDARD
STIFF	STIFFENER
STIRR	STIRRUP
STL	STEEL
STR	STRAIGHT
STRUC	STRUCTURAL
SUPT	SUPPORT
SW	SHEAR WALL
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEMP	TEMPERATURE; TEMPORARY
THK	THICK
TOC	TOP OF CURB; TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRANS	TRANSVERSE
TYP	TYPICAL
UB	UNIVERSAL BEAM
UBC	UNIFORM BUILDING CODE
UC	UNIVERSAL COLUMN
UL	UNDERWRITERS' LABORATORY, INC.
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TEST
V, VERT	VERTICAL
VEF	VERTICAL EACH FACE
VG	VERTICAL GRAIN
VIF	VERTICAL INSIDE FACE
VOF	VERTICAL OUTSIDE FACE
W/	WITH
W	WIDE FLANGE; WIDE; WEST
W/O	WITHOUT
WD	WOOD
WF	WIDE FLANGE
WH	WEEP HOLE
WL	WORK LINE
WP	WORK POINT
WPJ	WEAKENED PLANE JOINT
WT	WEIGHT; STRUCTURAL TEE CUT FROM W SHAPE
WWF	WELDED WIRE FABRIC
YD	YARD

16 ABBREVIATIONS

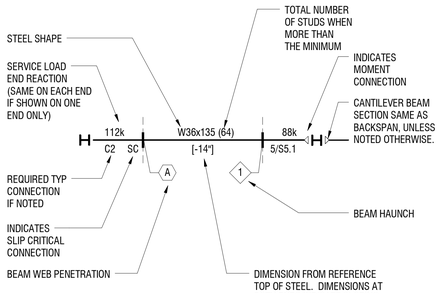


3 STEEL MEMBERS



4 STEEL SYMBOLS

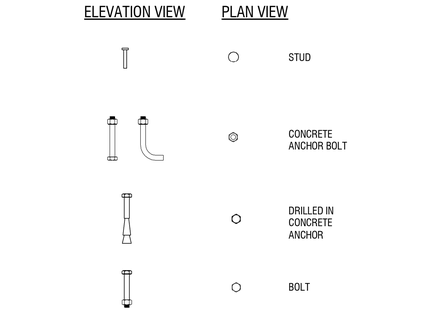
DRAWING LIST	
SHEET NUMBER	**SHEET NAME**
S0.11	ABBREV, LEGENDS, AND SYMBOLS
S0.12	GENERAL NOTES
S0.13	GENERAL NOTES
S1.11	GRAVITY LOAD MAPS
S1.12	WIND LOAD MAPS
S2.11	FOUNDATION PLAN
S2.12	LEVEL 2 FRAMING PLAN
S2.13	LEVEL 3 FRAMING PLAN
S2.14	ROOF FRAMING PLAN
S2.15	LENS ROOF FRAMING PLAN AND BUILDING SECTIONS
S2.17	NE CANOPY PARTIAL PLANS
S2.18	PEDESTRIAN BRIDGE PARTIAL PLANS
S3.11	BRACED FRAME ELEVATIONS
S3.12	BRACED FRAME DETAILS
S3.13	BRACED FRAME DETAILS
S3.14	BRACED FRAME DETAILS
S4.11	TYPICAL CONCRETE SCHEDULES AND DETAILS
S4.12	TYPICAL CONCRETE SECTIONS AND DETAILS
S4.15	TYPICAL STEEL SECTIONS AND DETAILS
S4.16	TYPICAL STEEL SECTIONS AND DETAILS
S4.17	TYPICAL STEEL SECTIONS AND DETAILS
S5.11	FOUNDATION SECTIONS AND DETAILS
S5.12	FOUNDATION SECTIONS AND DETAILS
S5.13	FOUNDATION SECTIONS AND DETAILS
S6.11	STEEL SECTIONS AND DETAILS
S6.12	STEEL SECTIONS AND DETAILS
S6.13	STEEL SECTIONS AND DETAILS
S6.14	STEEL SECTIONS AND DETAILS
S6.15	STEEL SECTIONS AND DETAILS
S8.10	ARCTIC ENTRY PARTIAL PLANS, SECTIONS AND DETAILS
S8.11	ARCTIC ENTRY SECTIONS AND DETAILS
S8.12	ARCTIC ENTRY SECTIONS AND DETAILS
S8.13	ARCTIC ENTRY DEMO PLANS, SECTIONS AND DETAILS
S8.15	PCC1 INFILL PARTIAL PLANS AND DETAILS
S8.16	PCC1 SNOW DRIFT LID PARTIAL PLANS AND DETAILS



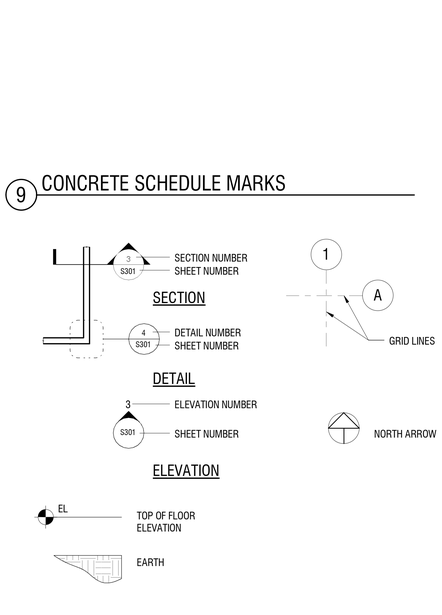
NOTES:

1. NO REACTION AT EITHER END INDICATES MINIMUM CONNECTION FOR BEAM DEPTH. SEE "GENERAL NOTES" FOR STEEL CONNECTIONS.
2. SPACE STUDS PER "TYPICAL SHEAR STUD PLACEMENT" DETAIL.
3. "M" IN PLACE OF STEEL SHAPE INDICATES W10x12 WITH MINIMUM CONNECTION.
4. SEE SHEET G1.11 FOR FRAMING REQUIRING FIRE PROOFING.
5. WHERE NO BEAM SIZE IS CALLED OUT ADJACENT TO FLOOR OR ROOF OPENING, REFER TO "TYPICAL STEEL DETAILS" FOR SIZES AND CONNECTIONS.
6. ⬡ INDICATES BEAM PENETRATION PER "TYPICAL BEAM PENETRATION" DETAIL.
7. ⬡ INDICATES BEAM HAUNCH PER "TYPICAL HAUNCHED BEAM" DETAIL.

12 BEAM CALLOUT KEY



8 CONNECTORS

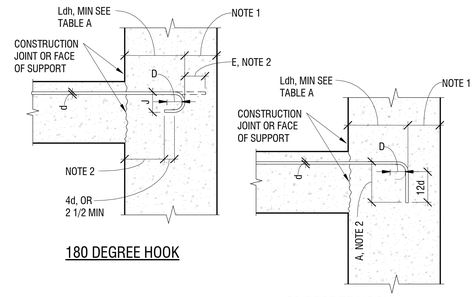


NOTE:

THIS IS A GENERIC SYMBOL ACTUAL SYMBOL USED WILL VARY DEPENDING UPON SLAB CONFIGURATION

13 CONCRETE SYMBOLS

9 CONCRETE SCHEDULE MARKS



180 DEGREE HOOK

90 DEGREE HOOK

END HOOK					
ALL GRADES (D) FINISHED BEND DIAMETER					
BAR SIZE	D	180° HOOKS		90° HOOKS	
		E	J	A	
#3	2 1/4"	5"	3"	6"	
#4	3"	6"	4"	8"	
#5	3 3/4"	7"	5"	10"	
#6	4 1/2"	8"	6"	12"	
#7	5 1/4"	10"	7"	14"	
#8	6"	11"	8"	16"	
#9	9 1/2"	15"	11 3/4"	19"	
#10	10 3/4"	17"	13 1/4"	22"	
#11	12"	19"	14 3/4"	24"	
#14	18 1/4"	27"	21 3/4"	31"	
#18	24"	36"	28 1/2"	41"	

END HOOK						
MINIMUM TENSION EMBEDMENT LENGTHS, (Ldh) FOR STANDARD END HOOKS ON GRADE 60 BARS						
BAR SIZE	NORMAL WEIGHT CONCRETE, f'c psi					
	3,000	4,000	5,000	6,000	7,000	8,000
#3	6"	6"	6"	6"	6"	6"
#4	8"	7"	7"	7"	7"	7"
#5	10"	9"	8"	7"	7"	7"
#6	12"	10"	9"	8"	8"	8"
#7	14"	12"	11"	10"	9"	9"
#8	16"	14"	12"	11"	10"	10"
#9	18"	15"	14"	13"	12"	11"
#10	20"	17"	15"	14"	14"	14"
#11	22"	19"	17"	16"	15"	15"
#14	37"	32"	29"	27"	25"	35"
#18	50"	43"	39"	35"	33"	31"

NOTES:

1. ABOVE VALUES VALID FOR ALL CASE IF:
   SIDE COVER ≥ 2 1/2 AND
   END COVER ≥ 2
2. BAR DIMENSION REQUIRED TO MANUFACTURE HOOK.
3. FOR EPOXY COATED HOOKS, INCREASE THE ABOVE EMBEDMENT LENGTHS BY 20%.

20 STANDARD HOOKS AND EMBEDMENT

14 MISCELLANEOUS SYMBOLS

f'c = 3,000 psi

BAR SIZE	Ld	Lt	Lsb	Lsbt
#3	17	23	23	30
#4	22	29	29	38
#5	28	37	37	49
#6	33	43	43	56
#7	48	63	63	82
#8	55	72	72	94
#9	62	81	81	106
#10	70	91	91	119
#11	78	102	102	133
#14	93	121	-	-
#18	124	162	-	-

f'c = 4,000 psi

BAR SIZE	Ld	Lt	Lsb	Lsbt
#3	15	20	20	26
#4	19	25	25	33
#5	24	32	32	42
#6	29	38	38	50
#7	42	55	55	72
#8	48	63	63	82
#9	54	71	71	93
#10	61	80	80	104
#11	67	88	88	115
#14	81	106	-	-
#18	108	141	-	-

f'c = 5,000 psi

BAR SIZE	Ld	Lt	Lsb	Lsbt
#3	13	17	17	23
#4	17	23	23	30
#5	22	29	29	38
#6	26	34	34	45
#7	38	50	50	65
#8	43	56	56	73
#9	48	63	63	82
#10	54	71	71	93
#11	60	78	78	102
#14	72	94	-	-
#18	96	125	-	-

f'c = 6,000 psi

BAR SIZE	Ld	Lt	Lsb	Lsbt
#3	12	16	16	21
#4	16	21	21	28
#5	20	26	26	34
#6	24	32	32	42
#7	34	45	45	59
#8	39	51	51	67
#9	44	58	58	76
#10	50	65	65	85
#11	55	72	72	94
#14	66	86	-	-
#18	88	115	-	-

f'c = 8,000 psi

BAR SIZE	Ld	Lt	Lsb	Lsbt
#3	12	16	16	21
#4	14	19	19	25
#5	17	23	23	30
#6	21	28	28	37
#7	30	39	39	51
#8	34	45	45	59
#9	38	50	50	65
#10	43	56	56	73
#11	48	63	63	82
#14	57	75	-	-
#18	76	99	-	-

ALL CONCETE STRENGTHS

BAR SIZE	Lb	Lc	Lcs	
#3	8	12	12	
#4	10	15	12	
#5	12	19	14	
#6	15	23	17	
#7	17	26	20	
#8	19	30	23	
#9	22	34	26	
#10	24	38	29	
#11	27	42	32	
#14	33	-	-	
#18	43	-	-	

19 REINFORCING BAR DEVELOPMENT AND SPLICE LENGTH TABLES

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Anchorage, Alaska

REVISIONS

#	Date	Description

CONFORMED SET 04-23-2008

JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

ABBREV, LEGENDS, AND SYMBOLS

SHEET NO.
S0.11
SCALE: AS SHOWN

4/23/2008 11:46:28 AM

GENERAL

ALL TYPICAL DETAILS AND NOTES SHOWN ON DRAWINGS SHALL APPLY UNLESS NOTED OTHERWISE. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED ON THE PLANS BUT SHALL STILL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS. WHERE TYPICAL DETAILS ARE NOTED ON THE DRAWINGS, THE SPECIFIED TYPICAL DETAIL SHALL BE USED. WHERE NO DETAIL IS NOTED, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CHOOSE THE APPROPRIATE TYPICAL DETAIL FROM THOSE PROVIDED. THE CONTRACTOR SHALL SUBMIT ALL PROPOSED ALTERNATE TYPICAL DETAILS TO THOSE PROVIDED WITH RELATED CALCULATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO SHOP DRAWING PRODUCTION AND FIELD USE.

BUILDING CODE

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. THE PUBLICATIONS LISTED BELOW ARE THE GOVERNING CODES AND STANDARDS AND ARE REFERENCED BY THEIR BASIC DESIGNATION. IN THE CASE OF CONFLICTING REQUIREMENTS, THE BUILDING CODE SHALL GOVERN.

APPLICABLE CODES AND STANDARDS

BUILDING CODE	INTERNATIONAL BUILDING CODE (IBC), 2006 EDITION, INCLUDING MUNICIPALITY OF ANCHORAGE (MOA) LOCAL AMENDMENTS
ACI	AMERICAN CONCRETE INSTITUTE, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), 2002 EDITION
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," 13TH EDITION
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS," JUNE 23, 2000
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS" (ANSI/AISC 341), 2005 EDITION
AISI	AMERICAN IRON AND STEEL INSTITUTE, "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS," 2001 EDITION
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" (ASCE 7), 2005 EDITION
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM INTERNATIONAL)
AWS	AMERICAN WELDING SOCIETY, "STRUCTURAL WELDING CODE - STEEL" (AWS D1.1), 2000 EDITION
AWS	AMERICAN WELDING SOCIETY, "STRUCTURAL WELDING CODE - SHEET STEEL" (AWS D1.3), 1998 EDITION
AWS	AMERICAN WELDING SOCIETY, "STRUCTURAL WELDING CODE - REINFORCING STEEL" (AWS D1.4), 1998 EDITION
AWS	AMERICAN WELDING SOCIETY, "SYMBOLS FOR WELDING AND NONDESTRUCTIVE TESTING" (AWS A2.4), 1998 EDITION
ICC	INTERNATIONAL CODE COUNCIL, INTERNATIONAL CODE COUNCIL - EVALUATION SERVICES (ICC-ES)

CONCRETE

MIXING, BATCHING, TRANSPORTING, PLACING, AND CURING OF ALL CONCRETE, AND SELECTION OF CONCRETE MATERIALS, SHALL CONFORM TO ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS," EXCEPT AS NOTED BELOW. PROPORTIONS OF AGGREGATE TO CEMENTITIOUS PASTE SHALL BE SUCH AS TO PRODUCE A DENSE, WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER.

ALL CONCRETE SUBJECT TO FREEZE/THAW CONDITIONS SHALL CONTAIN AN ACCEPTABLE ADMIXTURE TO PRODUCE AIR-ENTRAINED CONCRETE WITH TOTAL AIR CONTENT AS NOTED IN THE CONCRETE MIX SPECIFICATION TABLE. TOLERANCE FOR AIR CONTENT SHALL BE +/-1 PERCENT. AIR CONTENT SHALL BE MEASURED AT THE DISCHARGE OF THE TRUCK. IF CONCRETE IS PUMPED, AIR CONTENT SHALL BE MEASURED AT THE DISCHARGE END OF THE PUMP LINE. TESTS FOR AIR CONTENT SHALL MEET ASTM C172 REQUIREMENTS.

MIX DESIGNS LISTED BELOW SHALL BE SUBMITTED TO THE ARCHITECT AND APPROVED PRIOR TO USE. SELECTION OF CONCRETE MIX PROPORTIONS SHALL BE IN ACCORDANCE WITH ACI 301. MIX PROPORTIONS SHALL MEET OR EXCEED THE REQUIREMENTS LISTED BELOW FOR THE LOCATIONS NOTED. THE MORE STRINGENT OF THE REQUIREMENTS LISTED SHALL GOVERN.

MAXIMUM SIZE OF AGGREGATE SHALL BE AS LISTED BELOW. MAXIMUM FLY ASH AS A PERCENTAGE OF TOTAL WEIGHT OF CEMENTITIOUS MATERIAL SHALL BE 30 PERCENT. FLY ASH SHALL BE CLASS C OR CLASS F, MEETING ASTM C618 REQUIREMENTS. WATER/CEMENT RATIO SHALL BE BASED ON TOTAL CEMENTITIOUS MATERIAL, INCLUDING FLY ASH AND OTHER POZZOLANIC MATERIALS.

THE CONTRACTOR SHALL DETERMINE SLUMP. EACH CONCRETE MIX SUBMITTED SHALL HAVE THE SLUMP SPECIFIED. SLUMP SHALL BE MEASURED AT THE DISCHARGE OF THE TRUCK. IF CONCRETE IS PUMPED, SLUMP SHALL BE MEASURED AT THE DISCHARGE END OF THE PUMP LINE. SLUMPS SHALL BE WITHIN +1 INCH AND -2 INCHES OF THE SPECIFIED SLUMP.

THE USE OF SUPER PLASTICIZERS AND WATER REDUCERS IS ALLOWED, BUT NOT REQUIRED. ALL ADMIXTURES SHALL BE CHLORIDE FREE UNLESS OTHERWISE APPROVED BY THE ENGINEER.

CONCRETE MIX SPECIFICATION TABLE

LOCATION	f'c MIN (PSI)	TEST AGE (DAYS)	MAX W/C RATIO	AIR CONTENT PERCENT	MAX AGGREGATE SIZE
EXTERIOR EXPOSED SLABS ON GRADE	4,000	28	0.45	4.5	1"
INTERIOR SLABS ON GRADE	4,000	28	0.50	-	1"
CONCRETE WALLS, SPREAD FOOTINGS	4,000	28	0.44	-	1"
EXTERIOR FOUNDATION WALLS	4,000	28	0.44	4.5	1"
CONCRETE ON STEEL DECK	4,000	28	0.44	-	3/4"
BRACED FRAME GRADE BEAMS	5,000	28	.44	4.5	1"

REINFORCING STEEL

ALL REINFORCING SHALL BE NEW BILLET STOCK ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE. BARS SHALL BE SECURELY TIED IN PLACE WITH #16 DOUBLE-ANNEALED IRON WIRE. BARS SHALL BE SUPPORTED ON ACCEPTABLE CHAIRS. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING OF REINFORCED CONCRETE STRUCTURES." THE CONTRACTOR SHALL COORDINATE REINFORCING STEEL PLACEMENT DETAILS AND PROVIDE TEMPLATES FOR PLACING STEEL IN CONGESTED AREAS AS NECESSARY. SHOP DRAWINGS (INCLUDING PLACING PLANS AND ELEVATIONS) SHALL BE SUBMITTED TO, AND REVIEWED BY, THE ARCHITECT/ENGINEER BEFORE STARTING FABRICATION.

NO REINFORCING BARS SHALL BE SPLICED BY WELDING. AT THE CONTRACTOR'S OPTION, MECHANICAL BUTT SPLICING USING AN EXOTHERMIC WELDING PROCESS AND HIGH-STRENGTH SLEEVES OR MECHANICAL CONNECTION SPLICING MAY BE USED, PROVIDED THAT THE MECHANICAL SPLICES SHALL HAVE A CURRENT ICC-ES REPORT DEMONSTRATING THAT THE PRODUCT CAN ACHIEVE A MINIMUM TENSILE STRENGTH OF 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR. SPLICE DEVICES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. REINFORCING BARS SHALL BE LAP SPLICED FOR TENSION (LSB) UNLESS NOTED OTHERWISE ON THE DRAWINGS.

WELDING OR TACK WELDING OF REINFORCING BARS TO OTHER BARS OR TO PLATES, ANGLES, ETC, IS PROHIBITED, EXCEPT WHERE SPECIFICALLY APPROVED BY THE ENGINEER. WHERE WELDING IS APPROVED, IT SHALL BE DONE BY AWS CERTIFIED WELDERS USING E9018 OR APPROVED ELECTRODES. WELDING PROCEDURES SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.4.

MINIMUM CAST-IN-PLACE CONCRETE COVER OVER REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:

1. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:

   ALL SIZES: 3 INCHES

2. CONCRETE EXPOSED TO EARTH OR WEATHER:

   #5 BAR OR SMALLER: 1 1/2 INCHES
   #6 BAR OR LARGER: 2 INCHES

3. OTHER CONCRETE:

   WALLS - INTERIOR FACE:
   #14 AND #18 BARS: 1 1/2 INCHES
   #11 BARS AND SMALLER: 3/4 INCH

WELDED WIRE FABRIC

WELDED WIRE FABRIC (WWF) SHALL BE ELECTRICALLY WELDED AND CONFORM TO ASTM A185. AN 8-INCH MINIMUM LAP SHALL BE PROVIDED FOR SIDE AND END LAPS. WELDED WIRE FABRIC SHALL BE SUPPORTED ON APPROVED CHAIRS.

CONSTRUCTION JOINTS

ALL CONSTRUCTION JOINTS IN WALLS SHALL BE KEYED IN ACCORDANCE WITH THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON THE STRUCTURAL DRAWINGS OR, AT THE CONTRACTOR'S OPTION, SHALL BE INTENTIONALLY ROUGHENED IN ACCORDANCE WITH THE FOLLOWING: THE SURFACE OF ROUGHENED JOINTS SHALL BE SAND BLASTED OR ROUGHENED WITH A CHIPPING HAMMER TO EXPOSE THE AGGREGATE EMBEDDED IN THE PREVIOUS POUR. THE EXPOSED AGGREGATE SHALL PROTRUDE A MINIMUM OF 1/4 INCH. ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED AND LAITANCE REMOVED. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED.

ALL CONSTRUCTION JOINTS FOR SLABS ON DECK SHALL BE IN ACCORDANCE WITH THE TYPICAL SLAB ON DECK CONSTRUCTION JOINT DETAIL SHOWN ON THE STRUCTURAL DRAWINGS. BEAMS AND GIRDERS HAVE BEEN DESIGNED ASSUMING THE CONSTRUCTION JOINTS TO BE LOCATED IN THE MIDDLE THIRD OF THE BEAM, GIRDER, OR SLAB SPAN. ALL CONSTRUCTION, CONTROL, AND ISOLATION JOINTS FOR SLABS ON GRADE SHALL BE IN ACCORDANCE WITH THE TYPICAL SLAB ON GRADE DETAILS. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATIONS OF CONSTRUCTION JOINTS TO THE ENGINEER FOR ACCEPTANCE BEFORE STARTING CONSTRUCTION.

SLEEVES

EXCEPT AS DETAILED ON STRUCTURAL DRAWINGS, NO CONCRETE FOOTINGS SHALL BE SLEEVED FOR PIPING OR DUCTS, UNLESS APPROVED BY THE ENGINEER.

EXPANSION AND DRILLED-IN CONCRETE ANCHORS

ACCEPTABLE DRILLED-IN CONCRETE ANCHORS (DICA), OF SIZE, NUMBER, AND SPACING AS SHOWN ON THE DRAWINGS, SHALL BE AS FOLLOWS: HILTI "KWIK-BOLT-TZ" CARBON STEEL WEDGE ANCHORS (ICC-ES ER-1917), "WEJ-IT ANCHOR BOLT" (ICC-ES ER-1821) OR "ITW RAMSET/RED HEAD TRUBOLT CARBON STEEL WEDGE ANCHORS" (ICC-ES ER-1372), OR AN APPROVED ALTERNATIVE ANCHOR WITH A CURRENT ICC-ES EVALUATION REPORT. ACCEPTABLE EXPANSION ANCHORS IN SOLID GROUTED MASONRY SHALL BE HILTI "KWIK-BOLT-3" CARBON STEEL WEDGE ANCHORS (ICC-ES ER-1385) OR AN APPROVED ALTERNATIVE ANCHOR WITH A CURRENT ICC-ES EVALUATION REPORT.

ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE APPROVED ICC-ES REPORT. MINIMUM EMBEDMENT DEPTH SHALL BE 4.5 BOLT DIAMETERS UNLESS NOTED OTHERWISE ON DRAWINGS. NO REINFORCEMENT SHALL BE CUT TO INSTALL ANCHORS. DEFECTIVE HOLES SHALL BE GROUTED WITH EPOXY ADHESIVE.

NONSHRINK GROUT FOR BASE PLATES, SLEEVES, AND EMBEDDED STEEL

GROUT SHALL BE AN APPROVED NONSHRINK CEMENTITIOUS GROUT CONTAINING NATURAL AGGREGATES DELIVERED TO THE JOB SITE IN FACTORY PREPACKAGED CONTAINERS REQUIRING ONLY THE ADDITION OF WATER. THE MINIMUM 28-DAY COMPRESSIVE STRENGTH SHALL BE AT LEAST 1,000 PSI HIGHER THAN THE SUPPORTING CONCRETE STRENGTH, UNLESS NOTED OTHERWISE. GROUT SHALL BE MIXED, APPLIED, AND CURED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS. FOR GROUTING UNDER BASE PLATES, GROUT SHALL BE PROPORTIONED AS A FLOWABLE MIX. WHEN A FLOWABLE MIX DOES NOT PROVIDE THE REQUIRED STRENGTH OR WHEN A MINIMUM STRENGTH OF 10,000 PSI IS REQUIRED, AN EPOXY GROUT SHALL BE USED.

EPOXY/ADHESIVE USED FOR BONDING STEEL TO HARDENED CONCRETE

EPOXY/ADHESIVE SHALL CONFORM TO ASTM C881, C882, AND D695 FOR BONDING STEEL TO HARDENED CONCRETE AND MASONRY FOR REINFORCING BARS AND BOLTS. PRE-APPROVED PRODUCTS INCLUDE "HIT HY 150 MAX" (ICC-ES ER-1967) AS MANUFACTURED BY HILTI, INCORPORATED, FOR CONCRETE; "HIT HY 20" (ICC-ES ER-5193) AS MANUFACTURED BY HILTI, INCORPORATED, FOR GROUTED MASONRY; "HIT HY 20" (ICC-ES ER-4815) AS MANUFACTURED BY HILTI, INCORPORATED, FOR UNGROUTED MASONRY; AND "SET" (ICC-ES ESR-1772) AS MANUFACTURED BY SIMPSON STRONG TIE, INCORPORATED, FOR CONCRETE OR MASONRY. SUBMIT CURRENT PRODUCT DATA AND ICC-ES EVALUATION REPORTS AS WELL AS A LOCATION PLAN INDICATING WHERE THE PRODUCT IS TO BE USED ON THE PROJECT FOR REVIEW.

DRILL HOLES AND MIX, APPLY, AND INSTALL EPOXY/ADHESIVE IN STRICT ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS IN THE ICC-ES EVALUATION REPORT. NO REINFORCING BARS SHALL BE DAMAGED DURING INSTALLATION OF REINFORCING BARS OR BOLTS. ANY REINFORCING BARS OR BOLTS WHICH THE CONTRACTOR WANTS TO INSTALL INTO PREVIOUSLY HARDENED CONCRETE THAT IS NOT SHOWN IN THE DRAWINGS TO BE "DRILLED AND EPOXIED," OR SIMILAR NOTATION, MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION. THE REQUIRED EMBEDMENT LENGTHS FOR THESE REINFORCING BARS OR BOLTS ALSO MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

ELECTRICAL CONDUIT

ELECTRICAL CONDUIT SHALL BE RIGID STEEL CONDUIT OR FLEXIBLE PLASTIC CONDUIT. ALUMINUM CONDUIT IS PROHIBITED. CONDUIT WITH A MAXIMUM OUTSIDE DIAMETER OF 1/6 TIMES THE SLAB THICKNESS MAY BE EMBEDDED AT THE MIDDLE THIRD OF THE SLAB DEPTH. MINIMUM CLEAR DISTANCE BETWEEN CONDUITS SHALL BE THREE TIMES THE CONDUIT DIAMETER.

FOR CONDUIT PLACED IN SLABS ON STEEL DECKING, CONDUIT SHALL RUN IN THE STEEL DECK FLUTES PER THE TYPICAL CONDUIT IN SLAB ON STEEL DECK DETAIL.

STRUCTURAL STEEL

ALL STEEL SHALL CONFORM TO THE FOLLOWING:

W-SHAPES	ASTM A992, Fy=50 KSI ASTM A913, Fy=50 KSI
ALL ANGLES AND CHANNELS UNLESS NOTED OTHERWISE	ASTM A36, Fy=36 KSI
SQUARE OR RECTANGULAR STRUCTURAL TUBE (HSS)	ASTM A500, GRADE B, Fy=46 KSI
ROUND STRUCTURAL TUBE (HSS)	ASTM A500, GRADE B, Fy=42 KSI
STEEL PIPE DIAMETER LESS THAN OR EQUAL TO 12 INCHES	ASTM A53, TYPE E OR S, GRADE B, Fy=35 KSI
MATERIAL CALLED OUT ON PLANS AS (A36)	ASTM A36, Fy=36 KSI
MATERIAL CALLED OUT ON PLANS AS (Fy=65 KSI)	ASTM A913, Fy=65 KSI
ALL OTHER STEEL UNLESS NOTED OTHERWISE	ASTM A572, Fy=50 KSI ASTM A588, Fy=50 KSI ASTM A441, Fy=50 KSI

GENERAL NOTES FOR STEEL CONNECTIONS SHALL APPLY TO ALL STEEL CONNECTIONS UNLESS NOTED OTHERWISE.

ALL WORK SHALL BE IN ACCORDANCE WITH THE AISC SPECIFICATION. SHOP DRAWINGS SHALL BE SUBMITTED AND REVIEWED BY THE ARCHITECT/ENGINEER BEFORE COMMENCING FABRICATION. ALL STEEL ANCHORS AND TIES AND OTHER MEMBERS EMBEDDED IN CONCRETE OR MASONRY SHALL BE LEFT UNPAINTED. DIMENSIONAL TOLERANCE FOR BUILT-UP MEMBERS SHALL BE PER AWS D1.1.

FOR ASTM A6 GROUP 3 SHAPES WITH A FLANGE THICKNESS OF 1 1/2 INCHES OR GREATER, GROUP 4 AND 5 SHAPES, AND BUILT-UP MEMBERS WITH A PLATE THICKNESS OF 2 INCHES OR GREATER, CHARPY V-NOTCH TESTING SHALL BE PROVIDED IN ACCORDANCE WITH ASTM A6 SUPPLEMENTARY REQUIREMENT S5 AND PER THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, WITH A MINIMUM VALUE OF 20 FOOT-POUNDS AT 70 DEGREES FAHRENHEIT. EXCEPTIONS SHOWN IN AISC SPECIFICATION SECTION A3.1.C MAY BE USED FOR MEMBERS THAT ARE NOT PART OF THE SEISMIC FORCE-RESISTING SYSTEM.

THE SEISMIC FORCE-RESISTING SYSTEM INCLUDES ALL STRUCTURAL STEEL FRAMING MEMBERS CALLED OUT IN ELEVATIONS AND MEMBERS CALLED OUT IN PLAN THAT ARE CO-PLANAR WITH AND CONNECT DIRECTLY TO THE LATERAL FRAME.

STEEL BEAMS ARE EQUALLY SPACED BETWEEN DIMENSION POINTS AT THE MAXIMUM DECK SPAN LOCATION UNLESS NOTED OTHERWISE. MINIMUM CONNECTIONS SHALL BE A TWO-BOLT CONNECTION USING 7/8 -INCH-DIAMETER A325 BOLTS IN SINGLE SHEAR. ALL HIGH-STRENGTH BOLTS SHALL BE INSTALLED, TIGHTENED, AND INSPECTED IN ACCORDANCE WITH THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS. THE CRITERIA FOR SLIP-CRITICAL CONNECTIONS SHALL APPLY TO ALL CONNECTIONS UNLESS NOTED OTHERWISE AS SNUG-TIGHT. BOLTS IN CONNECTIONS OF BEAM-TO-BEAM/GIRDER MAY BE SNUG TIGHT, UNLESS SPECIFICALLY CALLED OUT AS SLIP CRITICAL (SC). WHERE CONNECTIONS ARE NOTED AS SNUG-TIGHT, THE CONTRACTOR MAY INSTALL PER THE CRITERIA FOR SNUG-TIGHT BOLTS. SLIP-CRITICAL CONNECTIONS SHALL USE LOAD INDICATOR WASHERS OR TENSION CONTROL BOLTS. ALL ASTM A307 BOLTS SHALL BE PROVIDED WITH LOCK WASHERS UNDER NUTS OR SELF-LOCKING NUTS. ALL BOLT HOLES SHALL BE STANDARD SIZE UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SELECTION OF OPTIONAL DETAILS SHOWN ON THE DRAWINGS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS THAT INCLUDE, BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES, AND OTHER AIDS.

STRUCTURAL STEEL WELDING

STRUCTURAL STEEL SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. ALL WELDING SHALL BE DONE BY AWS CERTIFIED WELDERS AND IN ACCORDANCE WITH AWS D1.1. WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES, BASED ON PLATE THICKNESS. THE MINIMUM WELD SIZE SHALL BE 3/16 INCH. FIELD WELDING SYMBOLS HAVE NOT NECESSARILY BEEN INDICATED ON THE DRAWINGS. WHERE SHOWN, PROPER FIELD WELDING PER AWS D1.1 SHALL BE USED. WHERE NO FIELD WELDING SYMBOLS ARE SHOWN, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE USE OF SHOP AND FIELD WELDS. ALL PARTIAL PENETRATION GROOVE WELD SIZES SHOWN ON THE DRAWINGS REFER TO EFFECTIVE THROAT THICKNESS. ALL WELDS SHALL BE MADE USING LOW HYDROGEN ELECTRODES WITH MINIMUM TENSILE STRENGTH PER AWS D1.1 (MINIMUM 70 KSI). LOW HYDROGEN SMAW ELECTRODES SHALL BE USED WITHIN 4 HOURS OF OPENING THEIR HERMETICALLY SEALED CONTAINERS, OR SHALL BE REDRIED PER AWS D1.1, SECTION 4.5. ELECTRODES SHALL BE REDRIED NO MORE THAN ONE TIME, AND ELECTRODES THAT HAVE BEEN WET SHALL NOT BE USED.

ALL WELDING SHALL BE PERFORMED IN STRICT ADHERENCE TO A WRITTEN WELDING PROCEDURE SPECIFICATION (WPS) PER AWS D1.1. ALL WELDING PARAMETERS SHALL BE WITHIN THE ELECTRODE MANUFACTURER'S RECOMMENDATIONS. WELDING PROCEDURES SHALL BE SUBMITTED TO THE OWNER'S TESTING AGENCY FOR REVIEW BEFORE STARTING FABRICATION OR ERECTION. COPIES OF THE WPS SHALL BE ON SITE AND AVAILABLE TO ALL WELDERS AND THE SPECIAL INSPECTOR.

ALL COMPLETE-PENETRATION WELDS SHALL BE ULTRASONICALLY TESTED UPON COMPLETION OF THE CONNECTION, EXCEPT PLATE LESS THAN OR EQUAL TO 1/4 INCH THICK SHALL BE MAGNETIC PARTICLE TESTED. REDUCTION IN TESTING MAY BE MADE IN ACCORDANCE WITH THE BUILDING CODE WITH APPROVAL OF THE ENGINEER.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE JOINT PREPARATIONS AND WELDING PROCEDURES THAT INCLUDE, BUT ARE NOT LIMITED TO: REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, COPES, SURFACE ROUGHNESS VALUES, AND TAPERS AND TRANSITIONS OF UNEQUAL PARTS. 2 COMMENT #5

ALL WELDS THAT ARE PART OF THE SEISMIC FORCE-RESISTING SYSTEM SHALL HAVE A MINIMUM CHARPY V-NOTCH TOUGHNESS OF 20 FOOT-POUNDS AT -20 DEGREES FAHRENHEIT.

FOR (1) ALL COMPLETE PENETRATION WELDS USED IN THE SEISMIC FORCE-RESISTING SYSTEM AND (2) ALL COMPLETE PENETRATION WELDS ON HEAVY SECTIONS (ASTM A6 GROUP 3 SHAPES WITH A FLANGE THICKNESS OF 1 1/2 INCHES OR GREATER, GROUP 4 AND 5 ROLLED SHAPES, AND PLATES EXCEEDING 2-INCH THICKNESS USED FOR BUILT-UP MEMBERS), THE FOLLOWING ADDITIONAL REQUIREMENTS SHALL APPLY:

1. MECHANICAL PROPERTIES OF THE IN-PLACE WELD (FILLER METAL) SHALL HAVE CHARPY V-NOTCH IMPACT TOUGHNESS OF AT LEAST 20 FOOT-POUNDS AT 0 DEGREES FAHRENHEIT, AND 40 FOOT-POUNDS AT 70 DEGREES FAHRENHEIT.
2. FIELD WELDS MAY NOT BE APPLIED OVER SHOP WELDS UNLESS A MANUFACTURER APPROVED COMPATIBLE ELECTRODE IS USED IN BOTH THE SHOP AND FIELD.
3. BACKER PLATES FOR COMPLETE PENETRATION WELDS SHALL HAVE RUN-OFF TABS WITHOUT WELD DAMS AT TIP OF STRUCTURAL MEMBER.
4. RUN-OFF TABS SHALL BE REMOVED AND THE AFFECTED AREA GROUND SMOOTH AND TESTED FOR DEFECTS USING THE MAGNETIC PARTICLE METHOD.
5. ALL FUSIBLE BACKER PLATES USED FOR WELDING ELEMENTS OF THE SEISMIC FORCE-RESISTING SYSTEM, WITH THE EXCEPTION OF COLUMN SPLICES, SHALL BE REMOVED FROM THE TOP AND BOTTOM FLANGE OF ALL CONNECTIONS. THE WELD SHALL BE BACKGOUGED, BACKWELDED, AND REINFORCED WITH A FILLET WELD. THE REINFORCING FILLET SHALL HAVE A MINIMUM LEG SIZE OF 5/16 INCH OR THE ROOT OPENING PLUS 1/16 INCH, WHICHEVER IS LARGER. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE FILLET WELD AND IMMEDIATE ADJACENT AREAS. BACKGOUGING BY AIR ARC MAY ONLY BE USED IF FOLLOWED BY GRINDING. FUSIBLE BACKER PLATES LOCATED WITHIN THE WEB COPE HOLE MAY BE LEFT IN PLACE, REINFORCED WITH A FILLET WELD AND TESTED AS NOTED ABOVE.
6. ALL FUSIBLE BACKER PLATES USED FOR WELDED SPLICES OF HEAVY SECTIONS AS DEFINED ABOVE SHALL BE REMOVED. THE WELD SHALL BE BACKGOUGED AND BACKWELDED UNTIL FLUSH OR WITH SLIGHT REINFORCEMENT. THE SURFACE SHALL BE GROUND SMOOTH, AND ALL NOTCHES AND GOUGES REPAIRED.
7. ALL NON-FUSIBLE BACKER PLATES SHALL BE REMOVED, BACKGOUGED, AND BACKWELDED. THE AREA SHALL BE REINFORCED WITH A FILLET WELD AS NOTED ABOVE. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE FILLET WELD AND IMMEDIATE ADJACENT AREAS. IF VISUAL INSPECTION OF THE ROOT SHOWS NO UNACCEPTABLE DISCONTINUITIES, THEN NO BACKGOUGING, BACKWELDING, OR REINFORCING FILLET IS REQUIRED.

FIREPROOFING STRUCTURAL STEEL

REFER TO ARCHITECTURAL PLANS FOR MINIMUM HOURLY VALUES OF STEEL FIRE PROTECTION FOR DETERMINING THE THICKNESS OF SPRAY APPLIED FIREPROOFING. MEMBERS REQUIRING FIRE PROTECTION ARE INDICATED ON THE DRAWINGS.

ANCHOR RODS

ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 WITH CLASS 1A THREADS, UNLESS NOTED OTHERWISE. FURNISH ANCHOR RODS PREFABRICATED WITH MATCHING DOUBLE HEAVY HEX NUTS JAMMED AT THE END EMBEDDED IN CONCRETE. FURNISH HARDENED PLATE WASHERS, LOCK WASHERS, AND MATCHING HEAVY HEX NUTS FOR SECURING THE BASE PLATE TO THE ANCHOR RODS. HOOKED ANCHOR RODS SHALL NOT BE USED EXCEPT WHERE NOTED. A RIGID STEEL TEMPLATE SHALL BE USED TO LOCATE ANCHOR RODS WHILE PLACING CONCRETE. ANCHOR RODS SHALL HAVE SUFFICIENT LENGTH TO PROVIDE THE MINIMUM EMBEDMENT SHOWN ON THE DRAWINGS, MEASURED FROM THE FACE OF THE CONCRETE TO THE NEAR FACE OF THE DOUBLE NUT, WITH ADEQUATE EXTENSION AS REQUIRED TO RECEIVE THE BASE PLATE WITH FULL THREAD PROJECTION FOR NUT INSTALLATION. ANCHOR ROD INSTALLATION SHALL BE COORDINATED WITH REINFORCING AND FORMWORK. LEVELING NUTS SHALL NOT BE USED EXCEPT AFTER EVALUATION BY THE CONTRACTOR'S ERECTION ENGINEER. AFTER BASE INSTALLATION, ANCHOR ROD NUTS SHALL BE INSTALLED TO A SNUG-TIGHT CONDITION. NO HEATING OR BENDING OF THE ANCHOR RODS IS PERMITTED. HOLES IN THE BASE MATERIAL SHALL NOT BE ENLARGED BY BURNING.

COMPOSITE FLOOR SYSTEM

FLOOR SLABS SHALL BE CONSTRUCTED TO THE ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO THE SPECIFICATIONS FOR FLOOR TOLERANCES. THE CONTRACTOR SHALL INCLUDE THE QUANTITIES OF THE ADDED CONCRETE DUE TO THE STEEL DECK DEFLECTION. DESIGN CAMBER SHOWN FOR THE STEEL BEAMS HAS BEEN CALCULATED BASED ON THE DEFLECTION OF THE BEAM DUE TO THE WEIGHT OF THE STEEL AND CONCRETE SLAB.

SHEAR CONNECTOR STUDS

ALL SHEAR CONNECTOR STUDS SHALL BE 3/4 INCH IN DIAMETER UNLESS NOTED OTHERWISE. ACCEPTABLE TYPES SHALL BE "TRU-WELD" (ICC-ES ER-3741) OR "NELSON" (ICC-ES ER-2614). SHEAR CONNECTOR STUDS SHALL BE AUTOMATICALLY END WELDED IN SHOP OR FIELD WITH EQUIPMENT RECOMMENDED BY MANUFACTURER OF STUDS. STEEL STUD MATERIAL, WELDING, AND INSPECTION SHALL BE IN ACCORDANCE WITH AWS D1.1. SHEAR STUDS SHALL BE PLACED AT A MAXIMUM SPACING OF 2'-0" ON CENTER FOR ALL BEAMS SUPPORTING A STEEL DECK WITH CONCRETE FILL OR A CAST-IN-PLACE CONCRETE SLAB. THIS SPACING SHALL ALSO APPLY WHEN THE NUMBER OF STUDS IS NOT INDICATED ON THE PLANS. SEE "SHEAR STUD PLACEMENT" FOR LAYOUT CRITERIA. STEEL DECK SHOP DRAWINGS DETAILING THE SHEAR STUD PLACEMENT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW BEFORE INSTALLATION.

STEEL COMPOSITE DECK

THE STEEL DECK SHALL BE OF DEPTH SHOWN ON THE STRUCTURAL DRAWINGS. GAGE OF DECK SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE SPAN CONDITIONS, SHORING REQUIREMENTS, CONSTRUCTION LOADS, DEFLECTION REQUIREMENTS, AND THE SUPERIMPOSED LOADS SHOWN ON THE DRAWINGS, LOAD DIAGRAMS, AND NOTES. MINIMUM GAGE IS 18. MAXIMUM DEAD LOAD DEFLECTION IS 3/4 INCH OR L/180. WRITTEN VERIFICATION OF CONFORMANCE FOR ALL CONDITIONS IN THE STRUCTURE SHALL BE SUBMITTED FOR ACCEPTANCE PRIOR TO FABRICATION. THE CAPACITIES OF THE DECK SHALL BE BASED ON CURRENT ICC-ES REPORTS. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING DECK GAGE, LAYOUT, FASTENING, STUD LAYOUT, AND CLOSURES. IF ANY SHORING IS TO BE USED, IT SHALL BE APPROVED BY THE GENERAL CONTRACTOR AND SHALL BE SHOWN ON THE SHOP DRAWINGS. UNITS SHALL SPAN OVER FOUR SUPPORTS, CONTINUOUS OVER THREE OR MORE SPANS, EXCEPT WHERE FRAMING DOES NOT PERMIT. THE AISI SPECIFICATIONS SHALL GOVERN THE DESIGN OF ALL DECK UNITS. STEEL DECK AND ALL OF ITS FLASHINGS SHALL CONFORM TO ASTM A653. THE STEEL SHALL HAVE RECEIVED, BEFORE BEING FORMED, A METAL PROTECTIVE COATING OF ZINC CONFORMING TO ASTM A653-G60. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3.

CONCRETE BONDING-TYPE UNITS SHALL BE FORMED WITH DEFORMATIONS TO PROVIDE AN INTERLOCK BETWEEN THE CONCRETE AND STEEL. UNLESS SHOWN OTHERWISE, UNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE ENDS OF THE UNITS AND AT INTERMEDIATE SUPPORTS AT 9 INCHES ON CENTER WITH 3/4 -INCH-DIAMETER PUDDLE WELDS; WHERE TWO UNITS ABUT, EACH UNIT SHALL BE SO FASTENED TO THE STEEL SUPPORTS. THE SIDE LAPS OF ADJACENT UNITS SHALL BE FASTENED BETWEEN SUPPORTS BY 1 1/2 -INCH TOP SEAM WELDS AT 2'-0" ON CENTER, BUTTON PUNCHED AT 2'-0" ON CENTER, OR ATTACHED WITH VERCO VSC AT 2'-0" ON CENTER. DECK UNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE SIDE BOUNDARIES BY 3/4 -INCH-DIAMETER PUDDLE WELDS AT 1'-0" ON CENTER. 3/4 -INCH-DIAMETER SHEAR STUDS WELDED THROUGH DECK MAY BE USED IN PLACE OF 3/4 -INCH-DIAMETER PUDDLE WELDS. DESIGN AND PROVIDE FLASHING AND CLOSURE PLATES AT WALL ENDS OF ALL UNITS, AROUND COLUMNS, AND AT ALL PERIMETER LOCATIONS REQUIRING CLOSURE. COORDINATE ALL CLOSURES WITH ELEVATOR, STAIR, ESCALATOR AND OTHER ARCHITECTURAL DETAILS. THE DECK INSTALLATION, WHEN COMPLETE, SHALL BE READY TO RECEIVE CONCRETE.

STEEL DECK TYPES SHALL BE VERCO TYPE W, ASC TYPE W, OR APPROVED EQUAL.

REINFORCEMENT FOR CONCRETE FILL OVER METAL DECK SHALL BE 6x6-W1.4 x W1.4 WELDED WIRE FABRIC.

STEEL ROOF DECK

THE STEEL DECK SHALL BE OF DEPTH SHOWN ON THE STRUCTURAL DRAWINGS. THE GAGE OF DECK AND ITS CONNECTIONS TO THE STRUCTURE SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE SPAN CONDITIONS, DEFLECTION REQUIREMENTS, CONSTRUCTION LOADS, DIAPHRAGM SHEARS, REQUIRED FLEXIBILITY FACTOR (F), AND THE SUPERIMPOSED GRAVITY LOADS AND WIND LOADS SHOWN ON THE DRAWINGS, LOAD DIAGRAMS, AND NOTES. MINIMUM GAGE IS 20. MAXIMUM DEFLECTION UNDER SUPERIMPOSED LOADS IS 1/2 INCH OR L/240. THE DECK AND ITS CONNECTIONS SHALL PROVIDE A MINIMUM ALLOWABLE DIAPHRAGM SHEAR CAPACITY OF 1,200 POUNDS PER FOOT AND A MAXIMUM FLEXIBILITY FACTOR (F) OF 25, UNLESS NOTED OTHERWISE ON THE DRAWINGS. WRITTEN VERIFICATION OF CONFORMANCE FOR ALL CONDITIONS IN THE STRUCTURE SHALL BE SUBMITTED FOR ACCEPTANCE PRIOR TO FABRICATION. THE CAPACITIES OF THE DECK SHALL BE BASED ON CURRENT ICC-ES EVALUATION REPORTS. SHOP DRAWINGS SHALL BE SUBMITTED SHOWING DECK GAGE, LAYOUT, CONNECTIONS, AND CLOSURES. ROOF DECK AND ALL OF ITS FLASHINGS SHALL CONFORM TO ASTM A653. THE STEEL SHALL HAVE RECEIVED, BEFORE BEING FORMED, A METAL PROTECTIVE COATING OF ZINC CONFORMING TO ASTM A653-60. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3. UNITS SHALL SPAN OVER FOUR SUPPORTS, CONTINUOUS OVER THREE OR MORE SPANS, EXCEPT WHERE THE FRAMING DOES NOT PERMIT.

NONCOMPOSITE UNITS SHALL BE FASTENED TO THE STEEL SUPPORTS AT THE ENDS OF THE UNITS AND AT INTERMEDIATE SUPPORTS BY A MINIMUM OF FOUR CONNECTIONS PER 3'-0" OF WIDTH. WHERE TWO UNITS ABUT, EACH UNIT SHALL BE SO FASTENED TO THE STEEL FRAMING. THE SIDE LAPS OF ADJACENT UNITS SHALL BE FASTENED BETWEEN SUPPORTS BY CONNECTIONS AT A MAXIMUM SPACING OF 2'-0" ON CENTER UNLESS NOTED OTHERWISE. DECK UNITS SHALL BE CONNECTED TO THE STEEL SUPPORTS AT THE SIDE BOUNDARIES AT A MAXIMUM SPACING OF 2'-0" ON CENTER. CONNECTIONS SHALL BE MADE WITH WELDS, POWDER ACTUATED FASTENERS, OR PNEUMATIC PINS, SCREWS, MECHANICAL CRIMPING, OR VERCO VSC PROVIDED THAT THE CONTRACTOR PRESENTS CALCULATIONS WITH CURRENT ICC-ES EVALUATION REPORTS DEMONSTRATING EQUIVALENT VALUES OF SHEAR CAPACITY, DECK CAPACITY, AND DECK FLEXIBILITY.

WHERE STEEL MEMBERS ARE PARALLEL TO THE DECK FLUTES AND AT THE SAME ELEVATION OF THE BOTTOM OF THE DECK, ADJUST DECK LAYOUT AND WELD DECK TO STEEL WITH SAME WELDING AS REQUIRED FOR SIDE BOUNDARIES.

STEEL DECK THAT IS TO BE COVERED WITH INSULATING CONCRETE SHALL BE SLOTTED OR PERFORATED TO PROVIDE A MINIMUM OF 1.5 PERCENT UNIFORMLY DISTRIBUTED VENTING. PROVIDE FLASHING AND CLOSURE PLATES AT ALL PERIMETER LOCATIONS REQUIRING CLOSURE. THE DECK INSTALLATION, WHEN COMPLETE, SHALL BE READY TO RECEIVE INSULATING CONCRETE.

STEEL DECK TYPES SHALL BE VERCO TYPE N-24, OR APPROVED EQUAL.

STRUCTURAL DESIGN DATA

LIVE LOADS: LIVE LOADS SHALL BE IN ACCORDANCE WITH THE LOAD DIAGRAMS.

SNOW LOADS: SNOW LOADING AND SNOW DRIFT LOADING SHALL BE IN ACCORDANCE WITH THE BUILDING CODE (SECTION 1608).

GROUND SNOW LOAD: Pg = 50 PSF

IMPORTANCE FACTOR: Is = 1.0

SNOW EXPOSURE FACTOR: Ce = 0.9

THERMAL FACTOR: Ct = 1.2

FLAT-ROOF SNOW LOAD: Pf = 40 PSF

WIND LOADS: WIND PRESSURE SHALL BE IN ACCORDANCE WITH THE BUILDING CODE (SECTION 1609).

BASIC WIND SPEED (3-SECOND GUST): V = 120 MPH

EXPOSURE: B

IMPORTANCE FACTOR: Iw = 1.0

ENCLOSURE CLASSIFICATION: ENCLOSED

INTERNAL PRESSURE COEFFICIENT: GCpi = 0.18

SEISMIC LOADS: SEISMIC LOADING SHALL BE IN ACCORDANCE WITH THE BUILDING CODE.

BUILDING LOCATION: LATITUDE: 61.18 ° N
LONGITUDE: 144.80 ° W

OCCUPANCY CATEGORY: II

IMPORTANCE FACTOR: Ie = 1.0

MAPPED SPECTRAL ACCELERATION PARAMETERS: Ss = 1.511, S1 = 0.565

SITE CLASS: C

SITE COEFFICIENTS: Fa = 1.0, Fv = 1.3

SPECTRAL RESPONSE COEFFICIENTS: Sds = 1.01, Sd1 = 0.49

SEISMIC DESIGN CATEGORY: D

LATERAL SYSTEM: SPECIAL CONCENTRICALLY BRACED FRAMES

RESPONSE MODIFICATION COEFFICIENT: R = 6

SEISMIC RESPONSE COEFFICIENT: NORTH-SOUTH: Cs = 0.1434
EAST-WEST: Cs = 0.1642

DESIGN BASE SHEAR: NORTH-SOUTH: V = 940.6 KIPS
EAST-WEST: V = 1,077.2 KIPS

ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE PROCEDURE

LOAD PATH FOR LATERAL FORCES: LATERAL FORCES ARE CARRIED BY THE ROOF AND FLOOR DIAPHRAGMS TO THE BRACED FRAMES. MOMENTS, SHEARS, AND ROTATIONAL FORCES ARE DELIVERED TO THE FOUNDATION BY THE BRACED FRAMES IN PROPORTION TO THEIR ABILITY TO RESIST LATERAL DEFORMATION.

LOAD COMBINATIONS: LOAD COMBINATIONS ARE IN ACCORDANCE WITH SECTION 1605 OF THE BUILDING CODE.

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REVISIONS

#	Date	Description
2	04-23-08	MOA Review Responses

JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

CONFORMED SET 04-23-2008

GENERAL NOTES

SHEET NO.
S0.12
SCALE: AS SHOWN

4/23/2008 11:46:34 AM

FOUNDATIONS

SPREAD FOOTINGS: DESIGN SOIL BEARING PRESSURE = 5,000 PSF. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL AND SHALL BE LOWERED TO FIRM BEARING IF SUITABLE SOIL IS NOT FOUND AT ELEVATIONS DETERMINED BY TOP OF FOOTING ELEVATION AND FOOTING DEPTH. REFER TO THE GEOTECHNICAL REPORT FOR SOIL CONDITIONS.

STRUCTURAL FILL

ALL FILL PLACED TO SUPPORT SLABS ON GRADE, BEHIND PERMANENT WALLS, AND AROUND ALL DRAINS SHALL CONSIST OF WELL GRADED, GRANULAR MATERIAL PER THE SPECIFICATIONS. SOILS FOR STRUCTURAL FILL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER. STRUCTURAL FILL SHALL BE PLACED ON SOUND NATIVE MATERIAL. PROOF-ROLL CUT AREAS WHICH PROVIDE SUPPORT FOR PERMANENT STRUCTURES. AREAS WHICH ARE EXCESSIVELY YIELDING, AS DETERMINED BY THE CONTINUOUS OBSERVATION OF THE GEOTECHNICAL ENGINEER, SHALL BE OVEREXCAVATED AND REPLACED WITH STRUCTURAL FILL. STRUCTURAL FILL SHALL BE PLACED PER THE SPECIFICATION.

LATERAL PRESSURE ON SUBGRADE WALLS

THE DESIGN PRESSURES FOR SUBGRADE WALLS ARE BASED ON A "DRAINED" CONDITION. SEE CIVIL AND MECHANICAL DRAWINGS FOR SUBGRADE DRAINAGE SYSTEM. SEE GEOTECHNICAL REPORT FOR COMPACTION REQUIREMENTS AT SUBGRADE WALLS. SUBGRADE WALLS AND SUPPORTING SLABS SHALL HAVE ATTAINED THEIR FULL CONCRETE STRENGTH BEFORE PLACING ANY BACKFILL. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACES FOR WALLS IF BACKFILL IS PLACED BEFORE WALLS AND SLABS ACHIEVE FULL CONCRETE STRENGTH.

COLUMN SHORTENING AND BEAM DEFLECTION

FLOOR BEAMS, ESPECIALLY EDGE BEAMS, TRANSFER GIRDERS, AND CANTILEVERS WILL CONTINUE TO DEFLECT WHEN ADDITIONAL LOAD IS APPLIED. HOWEVER, THIS MAY NOT OCCUR UNTIL ALL THE DEAD LOAD IS APPLIED TO THE MEMBER. THE CONTRACTOR SHALL COORDINATE THE ATTACHMENT OF ANY ITEMS TO MEMBERS WHICH WILL CONTINUE TO SHORTEN OR DEFLECT DUE TO LATER STAGES OF CONSTRUCTION.

EXTERIOR CLADDING

THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF THE CLADDING SYSTEMS, INCLUDING THEIR STRUCTURAL INTEGRITY, WATERPROOFING SYSTEMS, AND CONNECTION TO THE PRIMARY STRUCTURE.

STRUCTURAL ELEMENTS AT THE BUILDING PERIMETER HAVE BEEN DESIGNED FOR THE VERTICAL LOADS SHOWN ON THE LOAD MAPS. CLADDING ATTACHMENTS SHALL NOT APPLY MOMENTS TO SLAB EDGES OR LATERAL LOADS TO STEEL BEAMS OR INTRODUCE TORSIONAL LOADS INTO STEEL BEAMS OR COLUMNS. BRACES, ADDED REINFORCING, AND/OR TIES SHALL BE DESIGNED AND SUPPLIED BY THE CONTRACTOR FOR LOAD ECCENTRICITIES AND LATERAL LOADS. THE CONTRACTOR SHALL SUPPLY ALL CONNECTION MATERIAL, BRACES, ETC. SUBMITTED DOCUMENTS SHALL INDICATE MAGNITUDE AND LOCATION OF ALL LOADS IMPOSED ON THE PRIMARY STRUCTURE.

EXTERIOR CLADDING CONNECTIONS SHALL ACCOUNT FOR STRUCTURAL DEFLECTION, COLUMN SHORTENING, AND CONSTRUCTION TOLERANCE DETERMINED FROM ACI 301. IN ADDITION, THE CLADDING DESIGN SHALL ACCOMMODATE A TYPICAL VERTICAL MOVEMENT AT EACH FLOOR OF 1/2 INCH DUE TO VARIABLE LIVE LOADING. THIS DISPLACEMENT WILL OCCUR AT THE FREE END OF CANTILEVER BEAMS AND AT MIDSPAN OF EDGE SLABS AND BEAMS.

THE CLADDING SHALL ACCOMMODATE LATERAL MOVEMENTS BETWEEN ADJACENT FLOORS PERPENDICULAR AND/OR PARALLEL TO THE WALL AS FOLLOWS:

LEVELS	STORY DRIFT FOR WHICH CLADDING MUST REMAIN UNDAMAGED (INCHES)	STORY DRIFT FOR WHICH CLADDING ELEMENTS MUST NOT FALL FROM BUILDING (INCHES)
LVL 2	1/4"	1 1/4"
LVL 3	5/8"	3 1/8"
ROOF	1"	5"

STAIRS, ELEVATORS, AND MISCELLANEOUS METALS

EAST AND WEST EXIT STAIRS ARE TO CONSIST OF A PRE-FABRICATED AND PRE-ENGINEERED STAIR, LANDING, AND RAILING SYSTEM DESIGNED BY THE CONTRACTOR OR STAIR SUPPLIER. SEE THE ARCHITECT FOR STAIR SYSTEM LAYOUT, DIMENSIONS, AND CONFIGURATION OF RISE AND RUN. THE CONTRACTOR SHALL BE RESPONSIBLE TO DESIGN AND PROVIDE THE STAIR SYSTEM INCLUDING ALL CONNECTIONS AND SECONDARY SUPPORT FRAMING.

ALL ELEVATOR MACHINE BEAMS, SILLS, DOOR SUPPORTS, AND RAILS AND THEIR CONNECTIONS TO THE PRIMARY STRUCTURE ARE TO BE DESIGNED BY THE ELEVATOR MANUFACTURER. THE CONTRACTOR SHALL PROVIDE ADDITIONAL FRAMING AS NECESSARY FOR ADDITIONAL MACHINE ROOM FLOOR PENETRATIONS PER THE TYPICAL DETAILS. THE ELEVATOR MACHINE BEAMS SHALL BE DESIGNED TO BE FLUSH WITH THE BOTTOM OF CONCRETE AND SHALL BE DESIGNED FOR THE TRIBUTARY LOADS INDICATED IN THE LOAD MAPS IN ADDITION TO THE WEIGHT OF THE SUPPORTED EQUIPMENT AND SELF WEIGHT OF THE MACHINE ROOM FLOOR/ROOF STRUCTURE.

THE CONTRACTOR SHALL DESIGN AND SUPPLY ALL ADDITIONAL MISCELLANEOUS METALS THAT ARE INDICATED IN THE ARCHITECTURAL DRAWINGS OR THOSE METALS WHICH ARE FOUND TO BE NECESSARY TO SUPPORT THE ARCHITECTURAL FINISHES OR OTHER BUILDING SYSTEMS.

ALL FRAMING AND CONNECTIONS DESIGNED BY THE CONTRACTOR SHALL NOT RESULT IN ECCENTRIC LOADS BEING APPLIED TO THE PRIMARY STRUCTURE NOR LATERAL LOADS BEING APPLIED TO THE BOTTOM FLANGE OF STEEL BEAMS. THE CONTRACTOR'S DESIGN SHALL VERIFY THAT THE CONNECTIONS DO NOT RESULT IN ADVERSE LOCAL CONNECTION STRESSES OCCURRING WITHIN THE PRIMARY STRUCTURE. SUBMIT CALCULATIONS STAMPED BY A STRUCTURAL ENGINEER LICENSED TO PERFORM THE WORK IN THE JURISDICTION WHERE THE PROJECT IS LOCATED AND SHOP DRAWINGS INDICATING IMPOSED LOADS ON THE PRIMARY STRUCTURE.

MECHANICAL/ELECTRICAL/PLUMBING SYSTEM SUPPORTS

THE CONTRACTOR SHALL DESIGN AND SUPPLY ALL ADDITIONAL MISCELLANEOUS METALS AND SYSTEM SUPPORT COMPONENTS THAT ARE NECESSARY TO SUPPORT ALL MECHANICAL, ELECTRICAL (TELECON, AUDIO VISUAL, ETC), AND PLUMBING/FIRE-PROTECTION SYSTEMS. SUCH METALS AND SUPPORT COMPONENTS AND THEIR CONNECTIONS SHALL BE PROVIDED AS NECESSARY TO DIRECTLY AND CONCENTRICALLY IMPOSE LOADS ON THE PRIMARY STRUCTURE. STEEL ROOF DECK SHALL NOT DIRECTLY SUPPORT THESE SYSTEMS. THE CONNECTIONS TO THE PRIMARY STRUCTURE ARE SUBJECT TO THE REQUIREMENTS OF THE MISCELLANEOUS METALS SECTION ABOVE.

INTERIOR METAL STUD FRAMING

INTERIOR PARTITIONS SHALL CONSIST OF METAL STUD TYPE FRAMING THAT HAS CURRENT ICC-ES EVALUATION REPORTS. CONNECTION OF STUDS, TRACK, AND OTHER ITEMS BY MEANS OF EITHER DRILLED-IN ANCHORAGE OR POWDER DRIVEN FASTENERS SHALL OCCUR WITH FASTENERS AS INDICATED IN THE METAL STUD ICC-ES REPORTS. CONNECTIONS SHALL ALLOW FOR THE BUILDING MOVEMENTS CITED ABOVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN OF SOFFITS, SUSPENDED WALLS, CEILINGS, OR CONDITIONS WHERE THE STUD FRAMING IS USED TO SUPPORT CASEWORK OR SIZEABLE DOOR/WINDOW HARDWARE; THE METAL STUD FRAMING; AND ANY MISCELLANEOUS STEEL FRAMING THAT IS DETERMINED TO BE NECESSARY BASED ON THE CONTRACTOR'S DESIGN. SUBMIT DESIGN CALCULATIONS AND SHOP DRAWINGS INDICATING IMPOSED LOADS ON THE PRIMARY STRUCTURE FOR THESE CONDITIONS. SUBMITTED DOCUMENTS SHALL BEAR THE STAMP AND SIGNATURE OF AN ENGINEER LICENSED TO PERFORM THE WORK IN THE JURISDICTION WHERE THE PROJECT IS LOCATED.

BUILDING TOLERANCES

STANDARD TOLERANCES SHALL BE BASED ON THE REQUIREMENTS OF THE AISC CODE OF STANDARD PRACTICE AND ACI 117, STANDARD SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.

SEQUENCING CONSTRUCTION AND LATERAL STABILITY

THE STRUCTURAL COMPONENTS BY THEMSELVES ARE A NON-SELF-SUPPORTING STRUCTURE. LATERAL FORCES DUE TO WIND, EARTHQUAKE, OR SOIL ARE CARRIED BY THE ROOF AND FLOOR DIAPHRAGMS TO THE LATERAL SYSTEM. CERTAIN ELEMENTS SHOWN ON THE STRUCTURAL DRAWINGS (SUCH AS BRACING, ROOF AND FLOOR SLABS) ARE REQUIRED FOR OVERALL OR LOCAL STABILITY OF OTHER ELEMENTS (SUCH AS BEAMS, COLUMNS, AND WALLS). IF, DUE TO SEQUENCING OF CONSTRUCTION, THESE STABILITY ELEMENTS ARE NOT IN PLACE, THE CONTRACTOR SHALL RETAIN A STRUCTURAL ENGINEER LICENSED TO PERFORM THE WORK IN THE JURISDICTION WHERE THE PROJECT IS LOCATED, WHO SHALL INVESTIGATE WHERE TEMPORARY SHORING/BRACING IS REQUIRED AND SHALL DESIGN THIS TEMPORARY SHORING/BRACING. THE CONTRACTOR SHALL PROVIDE THIS SHORING/BRACING UNTIL THE REQUIRED STRUCTURAL ELEMENTS AND THEIR CONNECTIONS HAVE BEEN INSTALLED AND REACH THEIR FINAL DESIGN STRENGTHS.

EXISTING STRUCTURE

EXISTING STRUCTURAL DIMENSIONS AND MEMBER SIZES ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION. THE CONTRACTOR SHALL VERIFY THE ACTUAL CONFIGURATION OF EXISTING CONSTRUCTION AND THE CONDITION OF THE STRUCTURE BEFORE BEGINNING WORK. ANY DISCREPANCIES OR UNSOUND CONDITIONS SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION BEFORE BEGINNING WORK. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS, EMBEDMENTS, AND OPENINGS NOT SHOWN. REFER TO MECHANICAL AND ELECTRICAL PLANS FOR DUCTS, PIPING, EMBEDMENTS, AND OPENINGS NOT SHOWN.

TEMPORARY SHORING AND BRACING MAY BE NECESSARY IN ORDER TO PERFORM THE NECESSARY STRUCTURAL MODIFICATIONS TO THE EXISTING STRUCTURE SHOWN ON THE STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS. THE CONTRACTOR MUST RETAIN A STRUCTURAL ENGINEER LICENSED TO PERFORM THE WORK IN THE JURISDICTION WHERE THE PROJECT IS LOCATED, WHO SHALL INVESTIGATE WHERE THIS TEMPORARY SHORING/BRACING IS REQUIRED AND SHALL DESIGN THIS TEMPORARY SHORING/BRACING.

DEFERRED STRUCTURAL SUBMITTALS

1 DEFERRED SUBMITTAL ITEMS SHALL BE REVIEWED BY THE EOR AND THEN SUBMITTED TO MOA BUILDING SAFETY. THE EOR SHALL INDICATE ON THE DEFERED SUBMITTAL DOCUMENTS THAT THE DOCUMENTS HAVE BEEN REVIEWED AND ARE IN GENERAL CONFORMANCE TO THE BUILDING DESIGN.

SOME STRUCTURAL SYSTEMS ARE DEFINED AS VENDOR-DESIGNED COMPONENTS PER THE STRUCTURAL DOCUMENTS. THESE ELEMENTS OF THE DESIGN ARE DEFERRED SUBMITTAL COMPONENTS AND HAVE NOT BEEN PERMITTED UNDER THE BASE BUILDING APPLICATION. THE CONTRACTOR WILL BE REQUIRED TO SUBMIT THE STAMPED COMPONENT SYSTEM DOCUMENTS TO THE BUILDING OFFICIAL FOR APPROVAL.

DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND BEEN FOUND TO BE IN GENERAL CONFORMANCE TO THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

THE FOLLOWING LIST INCLUDES THE ITEMS THAT ARE DEFINED AS DEFERRED STRUCTURAL SUBMITTAL COMPONENTS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR ADDITIONAL DEFERRED SUBMITTAL COMPONENTS.

DEFERRED STRUCTURAL SUBMITTAL COMPONENTS:

EXTERIOR CLADDING

METAL STUD SYSTEMS

EAST AND WEST EXIT METAL STAIRS AND LANDINGS

ORNAMENTAL STAIR AND LANDINGS AT LENS 2 COMMENT #3

MECHANICAL EQUIPMENT SEISMIC RESTRAINT ENGINEERING

MISCELLANEOUS

REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL, ELEVATOR, OR OTHER SPECIALTY ENGINEERING DRAWINGS FOR DIMENSIONS NOT SHOWN, INCLUDING BUT NOT LIMITED TO: SIZE AND LOCATION OF CURBS, EQUIPMENT HOUSEKEEPING PADS, WALL AND FLOOR OPENINGS, BLOCKOUTS, FLOOR DEPRESSIONS, SUMPS, DRAINS, ANCHOR BOLTS, EMBEDDED ITEMS, ARCHITECTURAL TREATMENT, ETC. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND RESOLVE DISCREPANCIES OR CONFLICTS PRIOR TO CONSTRUCTION.

WHERE SECTIONS ARE INDICATED ON THE PLAN BY A NUMBER AND A DRAWING NUMBER THUS, 1/S5.11, THE INDICATED SECTION (1) IS SHOWN ON STRUCTURAL DRAWING S5.11.

SPECIAL INSPECTION

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION AND TESTING PER IBC SECTION 1704. THIS WORK SHALL BE PERFORMED BY A SPECIAL INSPECTOR CERTIFIED BY THE MUNICIPALITY OF ANCHORAGE TO PERFORM THE TYPES OF INSPECTIONS AND TESTS SPECIFIED. THE FREQUENCY OF INSPECTIONS AND TESTING SHALL BE AS OUTLINED IN THE IBC TABLE ITEMS LISTED BELOW. DEFICIENCIES SHALL BE REPORTED DAILY TO THE CONTRACTOR. SUMMARY REPORTS SHALL BE DISTRIBUTED WEEKLY TO THE OWNER, ARCHITECT, CONTRACTOR, BUILDING OFFICIAL, AND STRUCTURAL ENGINEER. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SPECIAL INSPECTION AND TESTING.

ITEM	DESCRIPTION (REFER TO IBC SECTION 1704)	IBC TABLE REQUIREMENTS
CONCRETE	CONCRETE THAT IS PART OF THE STRUCTURE.	TABLE 1704.4, ITEMS 4, 5, 6, 7, 9, AND 10
BOLTS INSTALLED IN CONCRETE	ANCHOR BOLTS, HEADED STUDS (EXCEPT AT BEAM-TO-DECK INSTALLATION).	TABLE 1704.4, ITEM 3
REINFORCING STEEL	SPLICING OF REINFORCING BY BUTT WELDING, EXOTHERMIC WELDING PROCESS, OR THREADED COUPLERS.	TABLE 1704.4, ITEM 1
STRUCTURAL STEEL AND WELDING	A. STRUCTURAL STEEL THAT IS PART OF THE STRUCTURE. B. WELDING OF MEMBERS OR CONNECTIONS. C. WELDING OF REINFORCING STEEL.	TABLE 1704.3, ITEM 3 TABLE 1704.3, ITEM 4 TABLE 1704.4, ITEM 2
HIGH STRENGTH BOLTING	SEE SPECIFICATIONS FOR PROCEDURES FOR INSPECTION AND TESTING.	TABLE 1704.3, ITEM 2
INSULATING CONCRETE FILL		
SHOTCRETE		TABLE 1704.4, ITEMS 5 AND 6
SPECIAL GRADING, EXCAVATION AND FILLING	A. FOUNDATION EXCAVATIONS AND BEARING STRATA. B. BACKFILL BEHIND STRUCTURAL WALLS OR SUPPORTING SLAB-ON-GRADE.	TABLE 1704.4
SPECIAL CASES	A. DRILLED-IN CONCRETE ANCHORS: PERIODIC SPECIAL INSPECTION SHALL INCLUDE VISUAL OBSERVATION OF DRILLED HOLE SPACINGS, EDGE DISTANCES, AND TENSION TESTING OF 5 PERCENT OF ANCHORS SHOWN ON STRUCTURAL DRAWINGS. TEST LOAD SHOULD BE 2 TIMES THE MANUFACTURER'S ALLOWABLE LOAD OF THE ANCHOR IN TENSION. B. EPOXY OR CEMENT GROUTED DOWELS OR ANCHORS: OBSERVE DRILLED HOLES AFTER CLEANING AND OBSERVE INSTALLATION OF GROUT AND ANCHORS.	

SHOP DRAWINGS

SHOP DRAWINGS FOR REINFORCING STEEL AND STRUCTURAL STEEL SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION OF THESE ITEMS.

DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE ENGINEER OF RECORD; THEREFORE, THEY SHALL BE VERIFIED BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP DRAWINGS PRIOR TO REVIEW BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL REVIEW DRAWINGS FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION, AND ALL SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. SUBMITTALS SHALL INCLUDE ONE REPRODUCIBLE AND ONE COPY; REPRODUCIBLE WILL BE MARKED AND RETURNED.

SHOP DRAWING SUBMITTALS PROCESSED BY THE ENGINEER ARE NOT CHANGE ORDERS. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT, BY INDICATING WHICH MATERIAL IS INTENDED TO BE FURNISHED AND INSTALLED, AND BY DETAILING THE INTENDED FABRICATION AND INSTALLATION METHODS. IF DEVIATIONS, DISCREPANCIES, OR CONFLICTS BETWEEN SHOP DRAWINGS SUBMITTALS AND THE CONTRACT DOCUMENTS ARE DISCOVERED EITHER PRIOR TO OR AFTER SHOP DRAWING SUBMITTALS ARE PROCESSED BY THE ENGINEER, THE DESIGN DRAWINGS AND SPECIFICATIONS SHALL CONTROL AND SHALL BE FOLLOWED.

SHOP DRAWINGS FOR DEFERRED SUBMITTALS THAT ARE DEFINED AS DESIGN-BUILD COMPONENTS IN THE CONSTRUCTION DOCUMENTS SHALL INCLUDE THE DESIGNING PROFESSIONAL ENGINEER'S STAMP FOR THE JURISDICTION WHERE THE PROJECT IS LOCATED AND SHALL BE APPROVED BY THE COMPONENT DESIGNER PRIOR TO CURSORY REVIEW BY THE ENGINEER OF RECORD FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL NECESSARY CONNECTIONS NOT SPECIFICALLY CALLED OUT ON ARCHITECTURAL OR STRUCTURAL DRAWINGS. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF ALL LOADS IMPOSED ON BASIC STRUCTURE. DESIGN CALCULATIONS SHALL BE INCLUDED IN THE SUBMITTAL.

STRUCTURAL OBSERVATION

THE ENGINEER OF RECORD SHALL PROVIDE VISUAL OBSERVATION OF THE STRUCTURAL SYSTEM, FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS, AT SIGNIFICANT CONSTRUCTION STAGES AND AT THE COMPLETION OF THE STRUCTURAL SYSTEM. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED BY IBC SECTIONS 109, 1704, OR OTHER SECTIONS OF THE INTERNATIONAL BUILDING CODE. STRUCTURAL OBSERVATION REPORTS SHALL BE ISSUED TO THE OWNER, ARCHITECT, CONTRACTOR, AND BUILDING OFFICIAL AT SIGNIFICANT CONSTRUCTION STAGES.

4/23/2008 11:48:44 AM

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REVISIONS

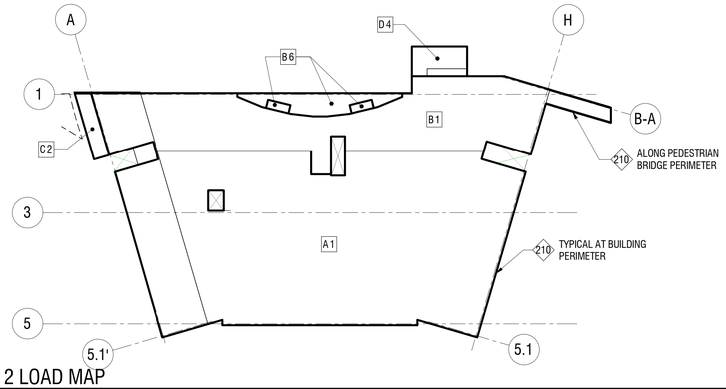
#	Date	Description
1	04-23-08	CONFORMED SET
2	04-23-08	MOA Review Responses

CONFORMED SET 04-23-2008

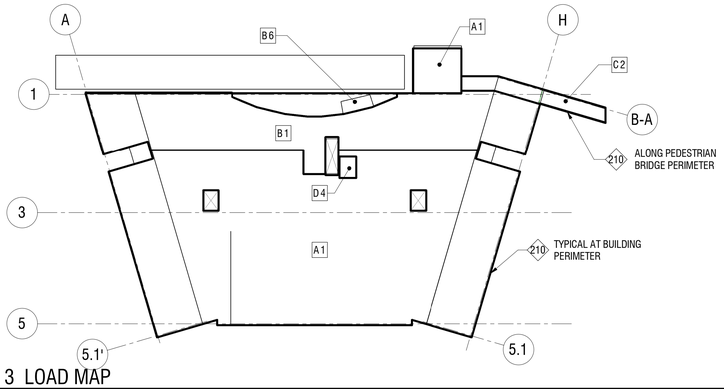
JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

GENERAL NOTES

SHEET NO.
S0.13
SCALE: AS SHOWN



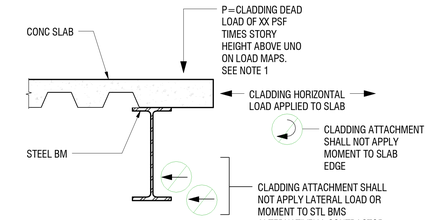
2 LEVEL 2 LOAD MAP
1/32" = 1'-0"



4 LEVEL 3 LOAD MAP
1/32" = 1'-0"

LIVE LOAD SCHEDULE		
MARK	USE	LIVE LOAD (PSF)
A	OFFICE	60
B	CORRIDOR/LOBBY/STAIRS	100
C	ROOF	40
D	MECHANICAL	125

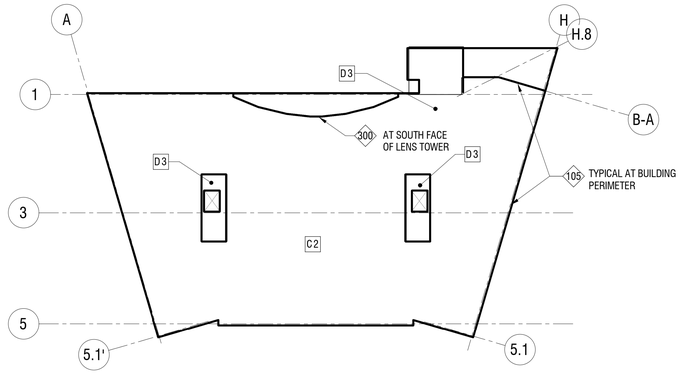
DEAD LOAD SCHEDULE						
MARK	TYPE	CEILING/MEP LOAD (PSF)	FLOOR FINISH LOAD (PSF)	PARTITION LOAD (PSF)	ROOFING LOADS	TOTAL SDL (PSF)
1	TYP INTERIOR	13	3	20	NA	36
2	ROOF	13	0	0	10	23
3	AHU/MECH PAD	13	60	0	10	63
4	4" MECH PAD	13	50	0	NA	63
6	ORNAMENTAL	NA	NA	NA	NA	STAIR SELF WEIGHT



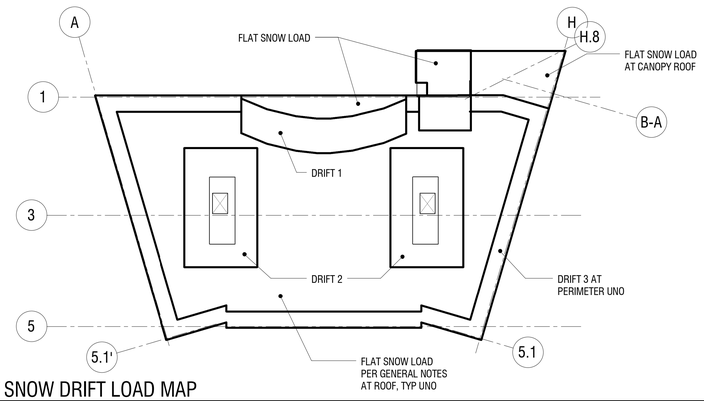
NOTES:

1. ◇ NUMBERS IN DIAMONDS SHOWN ON LOAD MAP INDICATE ASSUMED WEIGHT OF CLADDING IN POUNDS PER LINEAR FOOT.
2. REFER TO GENERAL NOTES, "EXTERIOR CLADDING" FOR ADDITIONAL INFORMATION.
3. STRUCTURE IS DESIGNED FOR THE EQUIVALENT UNIFORM LOAD CORRESPONDING TO THE ANTICIPATED WEIGHT OF THE CLADDING SYSTEM. CLADDING ATTACHMENTS WILL APPLY CONCENTRATED LOADS TO THE STRUCTURE. CONTRACTOR SHALL SUBMIT TYPICAL CLADDING ATTACHMENT DETAILS FOR REVIEW AND COMMENT PRIOR TO PREPARATION OF DETAILED CLADDING SUBMITTAL.

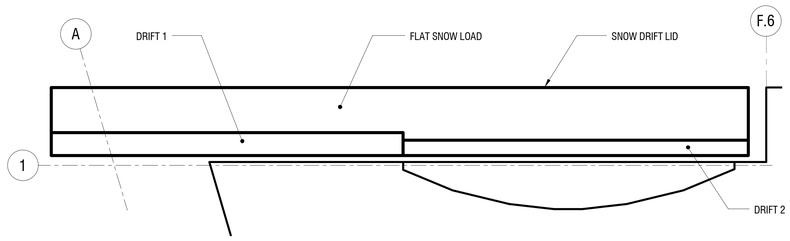
10 CLADDING LOAD NOTES
1" = 1'-0"



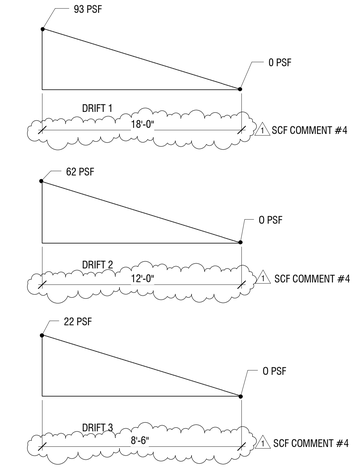
7 ROOF LOAD MAP
1/32" = 1'-0"



12 ROOF SNOW DRIFT LOAD MAP
1/32" = 1'-0"



17 PCC I SNOW DRIFT LOAD MAP
1/16" = 1'-0"



NOTES:

1. ALL DRIFT LOADS SHOWN ARE IN ADDITION TO THE FLAT SNOW LOAD.

20 SNOW DRIFT TYPES
6" = 1'-0"

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REVISIONS		
#	Date	Description
1	04-23-08	CONFORMED SET

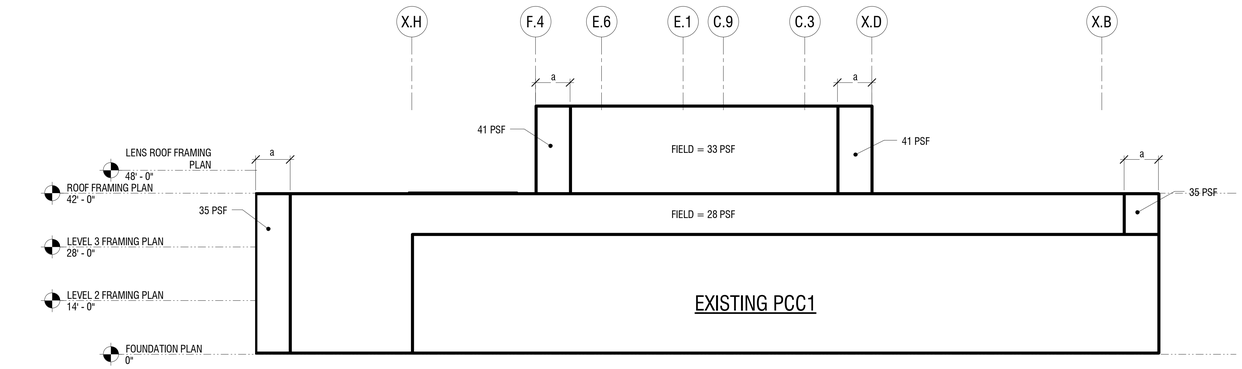
JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

CONFORMED SET 04-23-2008

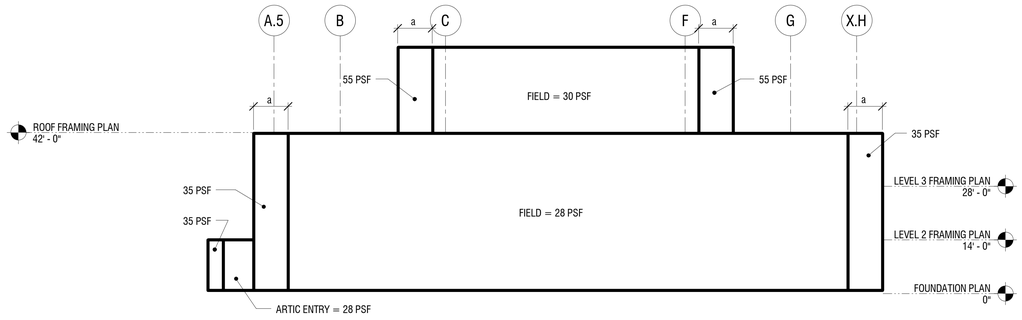
GRAVITY LOAD MAPS

SHEET NO.
S1.11
SCALE: AS SHOWN

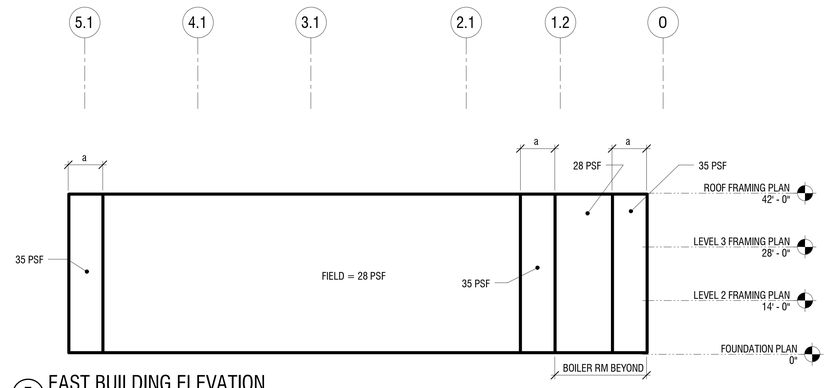
4/23/2008 11:48:58 AM



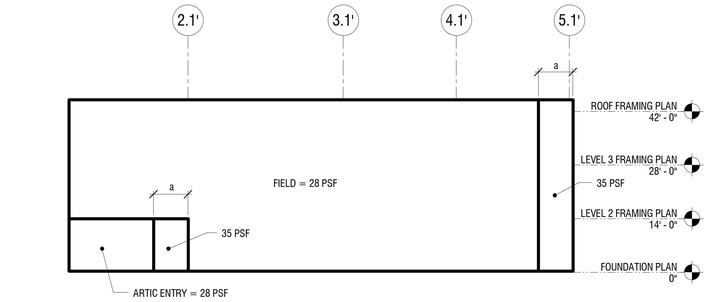
3 NORTH BUILDING ELEVATION
1/16" = 1'-0"



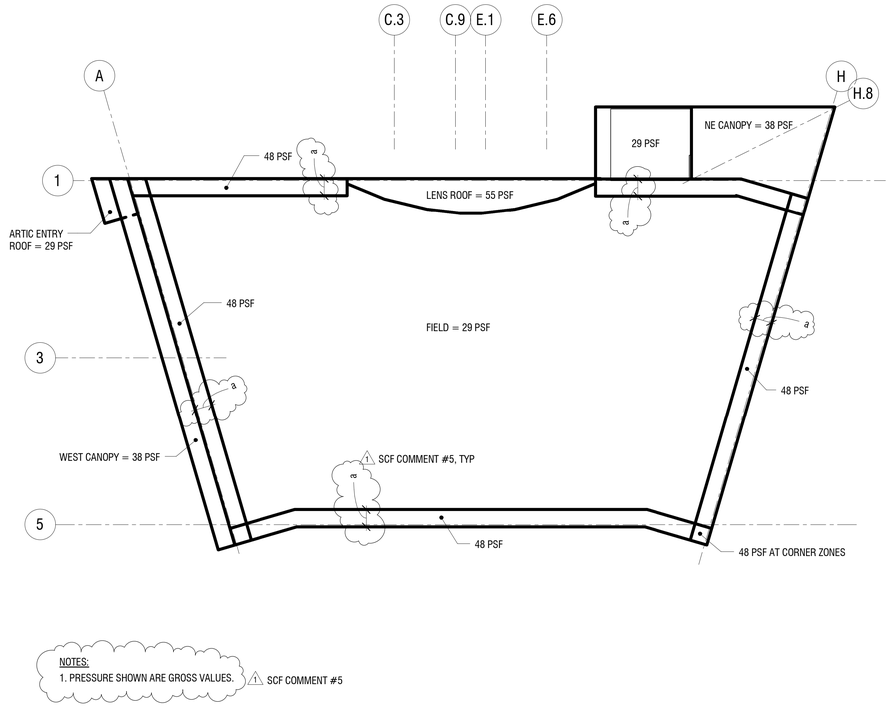
8 SOUTH BUILDING ELEVATION
1/16" = 1'-0"



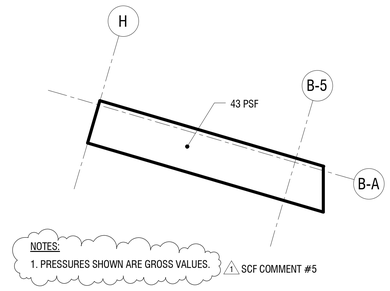
5 EAST BUILDING ELEVATION
1/16" = 1'-0"



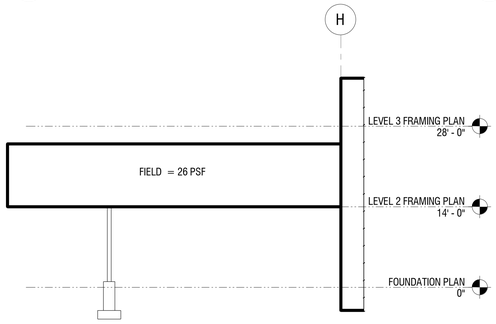
10 WEST BUILDING ELEVATION
1/16" = 1'-0"



17 ROOF WIND LOADS
3/64" = 1'-0"



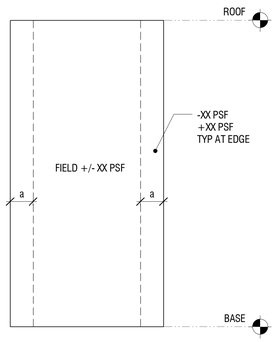
14 PEDESTRIAN BRIDGE ROOF WIND LOADS
3/32" = 1'-0"



19 PEDESTRIAN BRIDGE WIND LOADS, NORTH/SOUTH ELEVATIONS
3/32" = 1'-0"

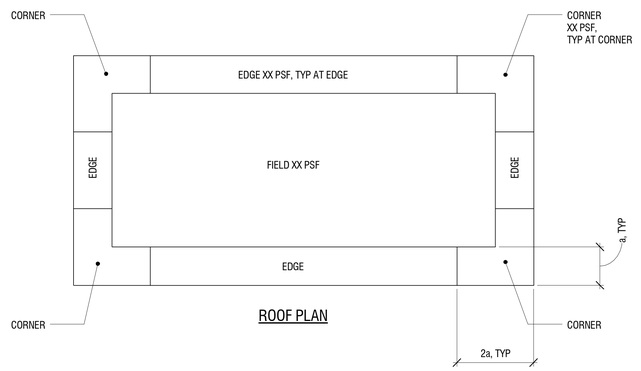
NOTES:

1. WIND LOADS FOR COMPONENTS AND CLADDING ARE DETERMINED IN ACCORDANCE WITH IBC 2006 SECTION 1609 / ASCE 7-05 SECTION 6.5 (METHOD 2).
2. EXTERIOR COMPONENTS AND CLADDING SHALL BE DESIGNED TO ACCOMMODATE WORST CASE WIND LOADS SHOWN. ALTERNATELY, WIND LOADS MAY BE DETERMINED DIRECTLY FROM THE PROVISIONS OF IBC 2006 SECTION 1609 / ASCE 7-05 USING THE WIND LOAD CRITERIA NOTED IN THE "GENERAL NOTES".
3. METHOD OF APPLICATION AND MODIFICATION FACTORS APPLICABLE FOR CORNERS, OVERHANGS, ETC SHALL BE DETERMINED PER ASCE 7-05 BY THE CLADDING DESIGNER. REFER TO "GENERAL NOTES" FOR ADDITIONAL INFORMATION AFFECTING CLADDING DESIGN, AND CONNECTION TO THE STRUCTURE.
4. INWARD (POSITIVE) PRESSURE ACTS TOWARDS THE BUILDING SURFACE AND OUTWARD (NEGATIVE) PRESSURE ACTS AS SUCTION ON THE BUILDING SURFACE.
5. PRESSURES ARE CALCULATED USING THE MINIMUM EFFECTIVE WIND AREA (10 SQUARE FEET).
6. EDGE PRESSURES SHALL BE USED FOR A DISTANCE "a" FROM THE BUILDING'S CORNERS, WHERE "a" IS 10% OF THE LEAST HORIZONTAL DIMENSION, BUT NOT LESS THAT 3 FEET. "a" IS USED FOR OUTWARD PRESSURES ONLY.
7. NET PRESSURE TO ALL PARAPETS IS 82 PSF.



BUILDING ELEVATION

15 COMPONENTS AND CLADDING WIND PRESSURE DIAGRAM AND TABLE
1/8" = 1'-0"



ROOF PLAN

NOTES:

1. SEE NOTES IN "COMPONENTS AND CLADDING WIND PRESSURE DIAGRAM" DETAIL.

20 ROOF WIND UPLIFT PRESSURE DIAGRAM AND TABLE
1/8" = 1'-0"

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REVISIONS

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1	04-23-08	CONFORMED SET

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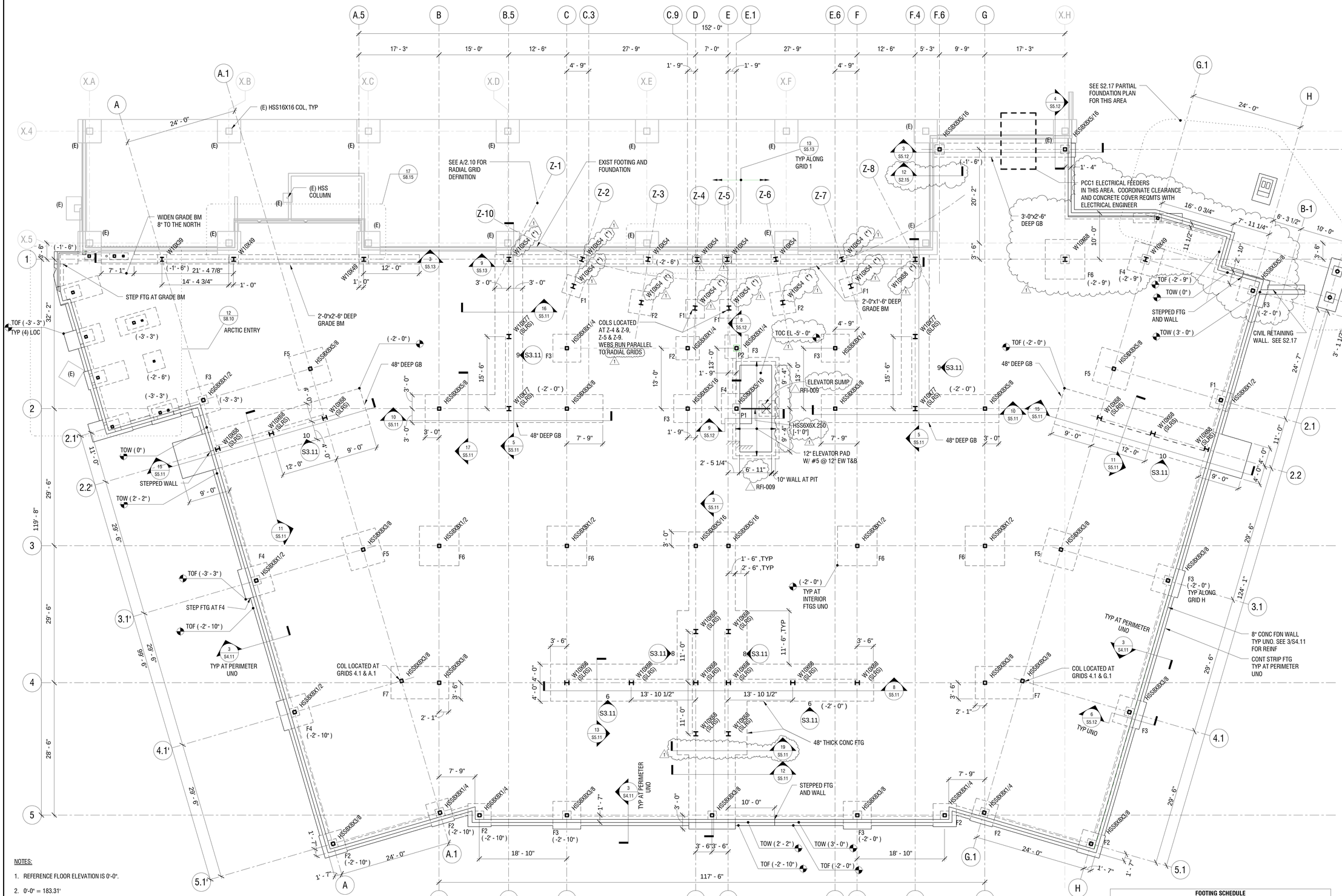
REVIEWED RDA

WIND LOAD MAPS

SHEET NO.
S1.12
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

4/23/2008 11:47:06 AM



NOTES:

1. REFERENCE FLOOR ELEVATION IS 0'-0".
2. 0'-0" = 183.31'
3. SLAB ON GRADE IS 5" THICK UNLESS NOTED OTHERWISE.
4. BOTTOM OF FOOTING ELEVATIONS ALONG GRID 1 TO MATCH EXISTING BOTTOM OF FOOTING ELEVATIONS.
5. ELEVATIONS DENOTED THUS (X'-X") ARE TO TOP OF FOOTING.
6. SEE MECHANICAL DRAWINGS FOR PIPING SLEEVES THROUGH FOUNDATION WALLS AND FOOTINGS.
7. SEE SHEET A2.10 FOR RELATIONSHIPS AND CONTROL POINTS BETWEEN ALL GRIDS.
8. SEE SHEET G1.11 FOR COLUMNS REQUIRING FIRE PROOFING.
9. COLUMNS WITH (SLRS) ARE PART OF THE SEISMIC LOAD RESISTING SYSTEM.
10. SEE S4.11 FOR SLAB ON GRADE REINFORCING. ⚠1 SCF COMMENT #6
11. COLUMNS WITH (*) ARE AESS AND SHALL BE FABRICATED PER THE AISC SPECIFICATION FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL. ⚠1

1 FOUNDATION PLAN
1/8" = 1'-0"

FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	TOP BARS	BOT BARS
F1	4' - 0"	4' - 0"	1' - 0"	-	#5 @ 12" EW
F2	5' - 0"	5' - 0"	1' - 0"	-	#5 @ 12" EW
F3	6' - 0"	6' - 0"	1' - 0"	-	#5 @ 8" EW
F4	6' - 6"	6' - 6"	1' - 4"	-	#5 @ 8" EW
F5	7' - 6"	7' - 6"	1' - 4"	-	#5 @ 6" EW
F6	8' - 6"	8' - 6"	1' - 8"	-	#5 @ 6" EW
F7	12' - 6"	7' - 0"	1' - 10"	#5 @ 6"	#5 @ 10"

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DATE 04-23-2008
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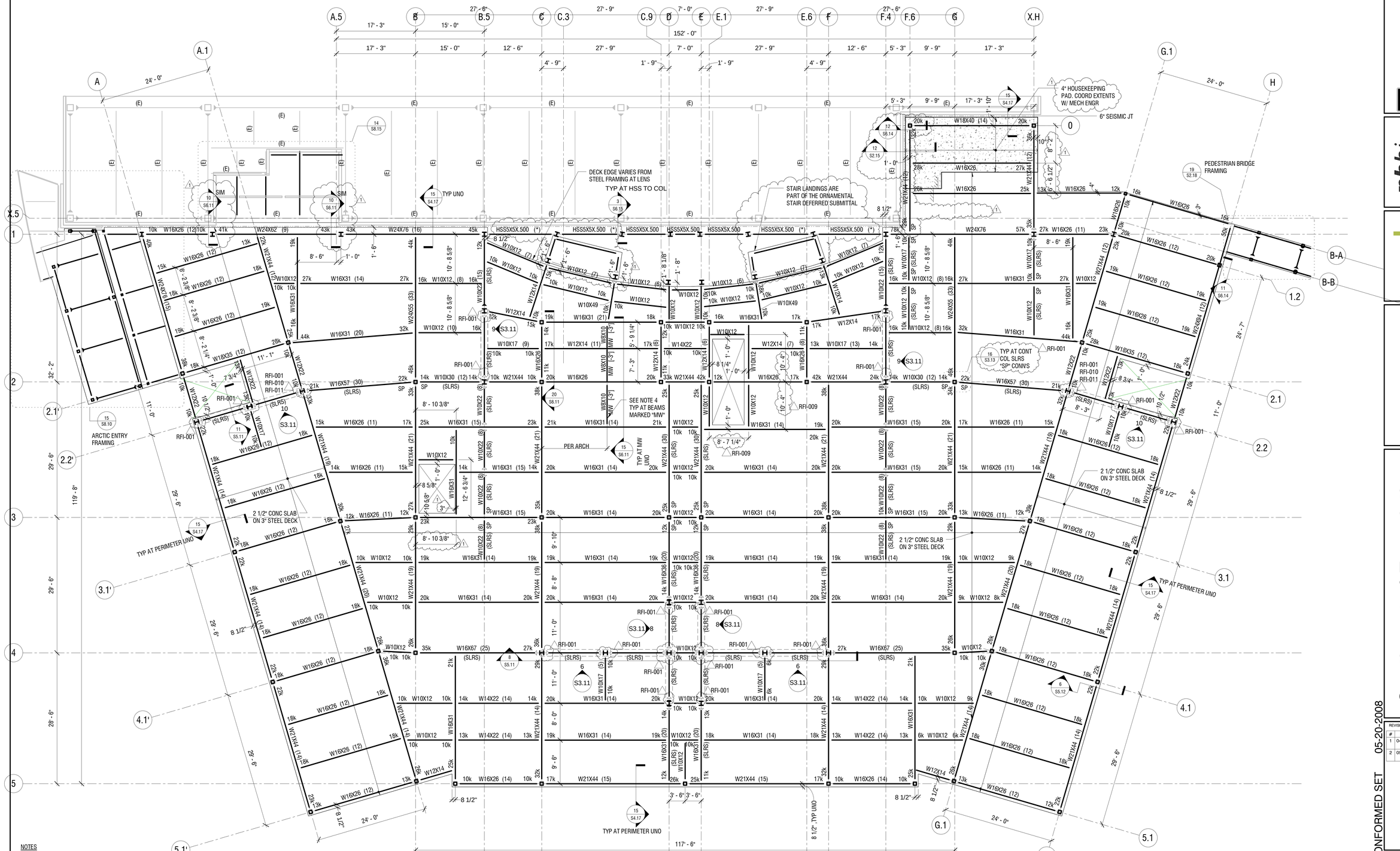
FOUNDATION PLAN

SHEET NO. S2.11
SCALE: AS SHOWN

5/21/2008 8:27:08 AM



1 LEVEL 2 FRAMING PLAN
1/8" = 1'-0"

NOTES

1. REFERENCE FINISH FLOOR ELEVATION IS 14'-0", UNLESS NOTED OTHERWISE
2. TOP OF STEEL IS -5 1/2" BELOW REFERENCE FINISH FLOOR ELEVATION UNLESS NOTED OTHERWISE
3. WHERE NOTED AS [+/- XX'-X"] TOP OF STEEL IS +/-XX'=X" FROM REFERENCE TOS ELEVATION
4. BEAMS MARKED WITH "MW" SUPPORT MOVABLE WALL PARTITIONS. COORDINATE FINAL LOCATION WITH ARCHITECT.
5. SEE SHEET A2.10 FOR RELATIONSHIPS AND CONTROL POINTS BETWEEN ALL GRIDS.
6. SEE SHEET G1.11 FOR FRAMING REQUIRING FIRE PROOFING.
7. MEMBERS WITH (SLRS) ARE PART OF THE SEISMIC LOAD RESISTING SYSTEM.
8. MEMBERS WITH (*) ARE AESS AND SHALL BE FABRICATED PER THE AISC SPECIFICATION FOR ARCHITECTURALLY EXPOSED STEEL.

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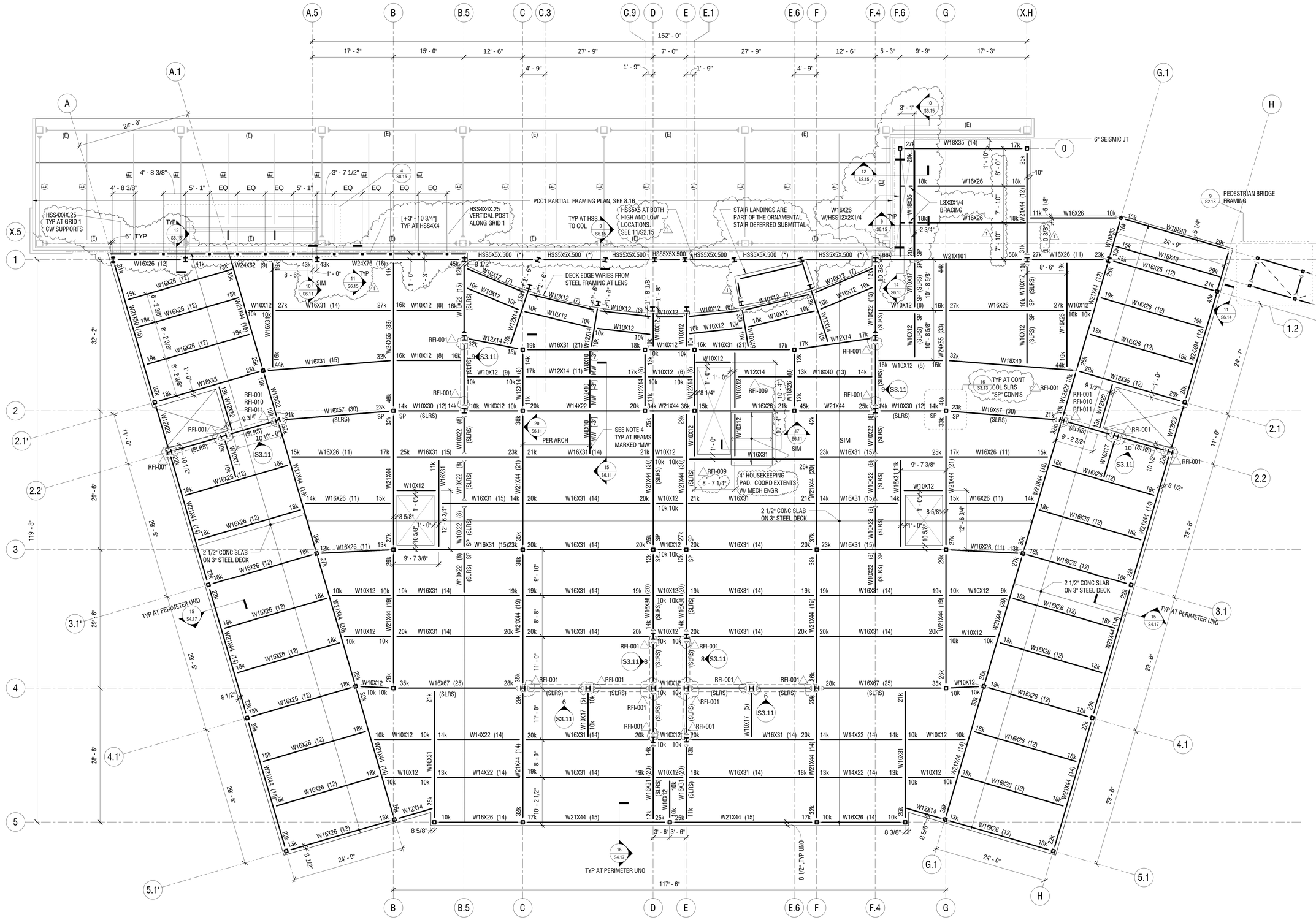
LEVEL 2 FRAMING PLAN

SHEET NO. S2.12
SCALE: AS SHOWN

SHEET REISSUED FOR CONFORMED SET 05-20-2008



1 LEVEL 3 FRAMING PLAN
1/8" = 1'-0"

NOTES

1. REFERENCE FINISH FLOOR ELEVATION IS 28'-0", UNLESS NOTED OTHERWISE
2. TOP OF STEEL IS -5 1/2" BELOW REFERENCE FINISH FLOOR ELEVATION
3. WHERE NOTED AS [+/- XX'-X"] TOP OF STEEL IS +/-XX'=X" FROM REFERENCE TOS ELEVATION
4. BEAMS MARKED WITH "MW" SUPPORT MOVABLE WALL PARTITIONS. COORDINATE FINAL LOCATION WITH ARCHITECT.
5. SEE SHEET A2.10 FOR RELATIONSHIPS AND CONTROL POINTS BETWEEN ALL GRIDS.
6. SEE SHEET G1.11 FOR FRAMING REQUIRING FIRE PROOFING.
7. MEMBERS WITH (SLRS) ARE PART OF THE SEISMIC LOAD RESISTING SYSTEM.
8. MEMBERS WITH (*) ARE AESS AND SHALL BE FABRICATED PER THE AISC SPECIFICATION FOR ARCHITECTURALLY EXPOSED STRUCTURAL STEEL.

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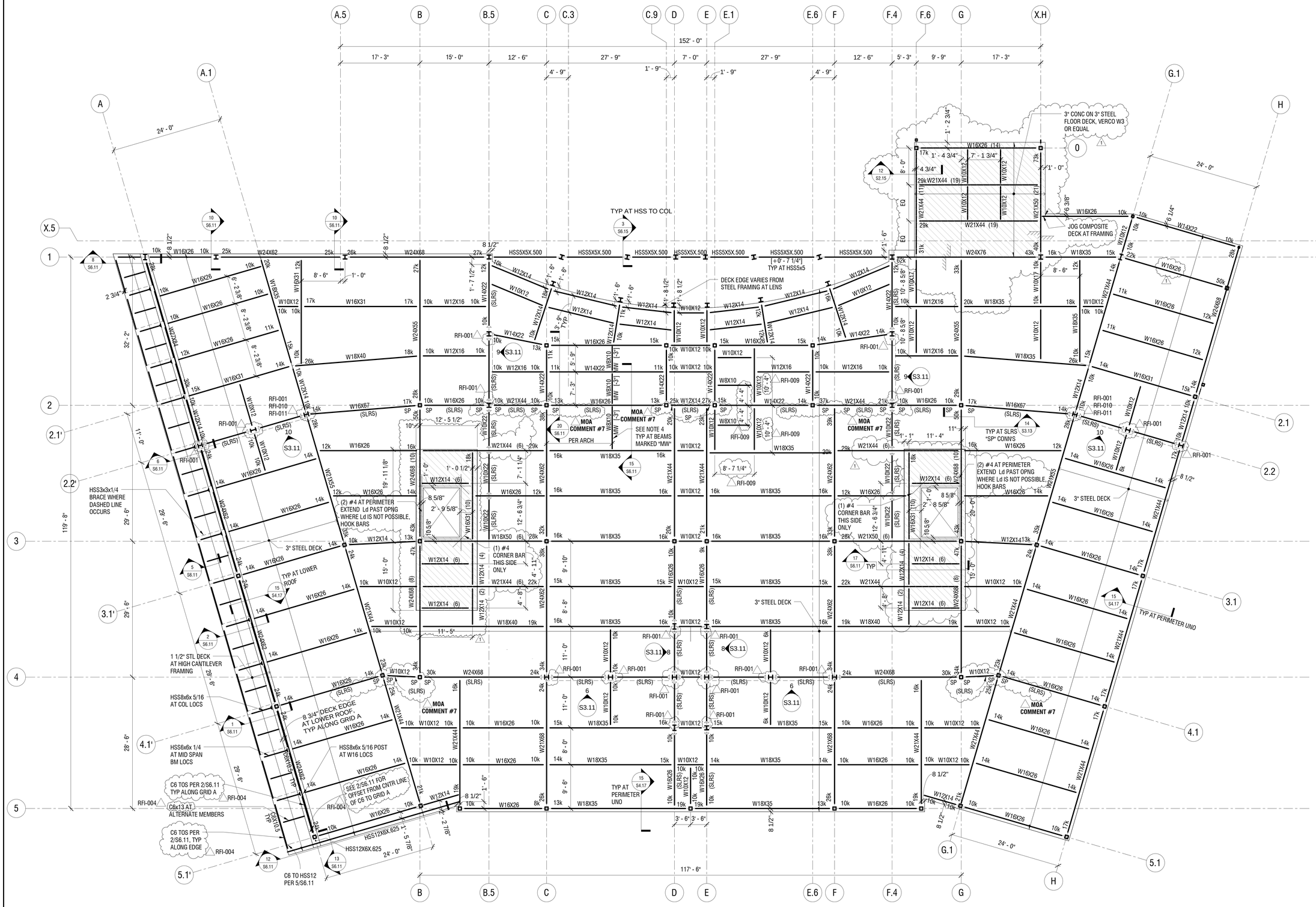
LEVEL 3 FRAMING PLAN

SHEET NO.
S2.13
SCALE: AS SHOWN



1 ROOF FRAMING PLAN
1/8" = 1'-0"

N

AT AREAS INDICATED ON PLAN BY ▨ 3" CONC SLAB ON 3" STEEL DECK OCCURS

NOTES

1. REFERENCE TOP OF DECK ELEVATION IS 42'-0", UNLESS NOTED OTHERWISE.
2. TOP OF STEEL IS -3" BELOW REFERENCE TOP OF DECK ELEVATION.
3. WHERE NOTED AS [+/- XX'-X"] TOP OF STEEL IS +/-XX'=X" FROM REFERENCE TOS ELEVATION
4. BEAMS MARKED WITH "MW" SUPPORT MOVABLE WALL PARTITIONS. COORDINATE FINAL LOCATION WITH ARCHITECT.
5. SEE SHEET A2.10 FOR RELATIONSHIPS AND CONTROL POINTS BETWEEN ALL GRIDS.
6. SEE SHEET G1.11 FOR FRAMING REQUIRING FIRE PROOFING.
7. MEMBERS WITH (SLRS) ARE PART OF THE SEISMIC LOAD RESISTING SYSTEM.

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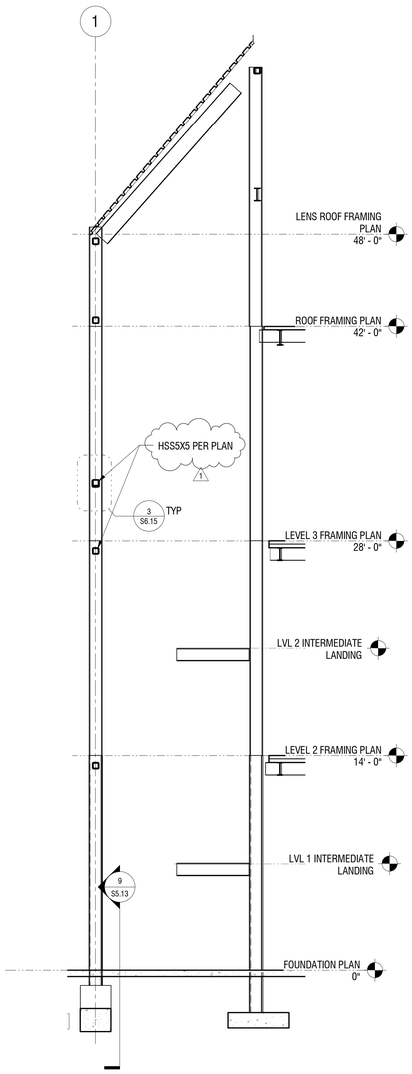
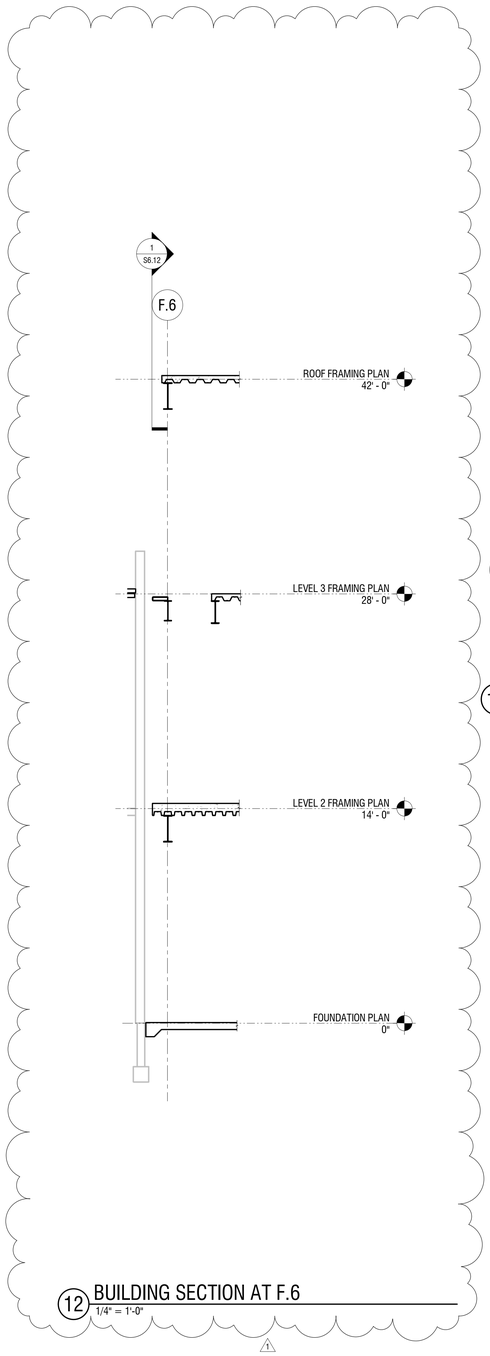
ROOF FRAMING PLAN

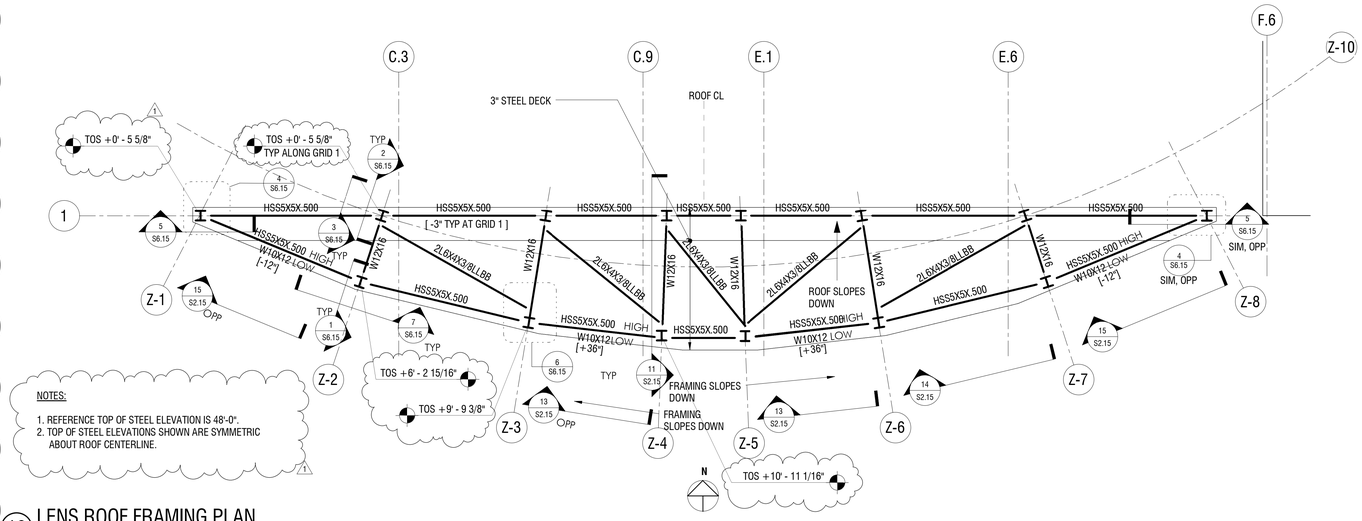
SHEET NO. S2.14
SCALE AS SHOWN



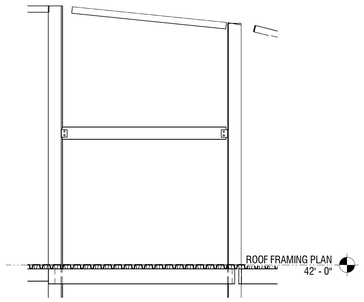
11 BULDING SECTION THROUGH LENS
1/4" = 1'-0"



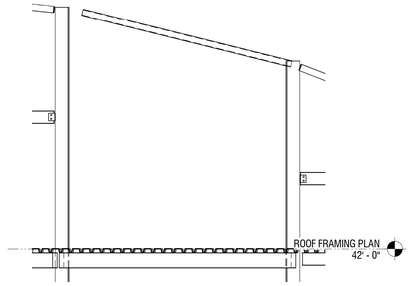
12 BUILDING SECTION AT F.6
1/4" = 1'-0"



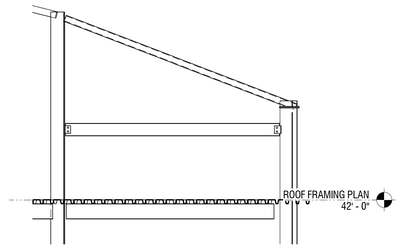
10 LENS ROOF FRAMING PLAN
3/16" = 1'-0"



13 ELEVATION
1/4" = 1'-0"



14 ELEVATION
1/4" = 1'-0"



15 ELEVATION
1/4" = 1'-0"

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LENS ROOF FRAMING PLAN AND BUILDING SECTIONS

SHEET NO.
S2.15
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

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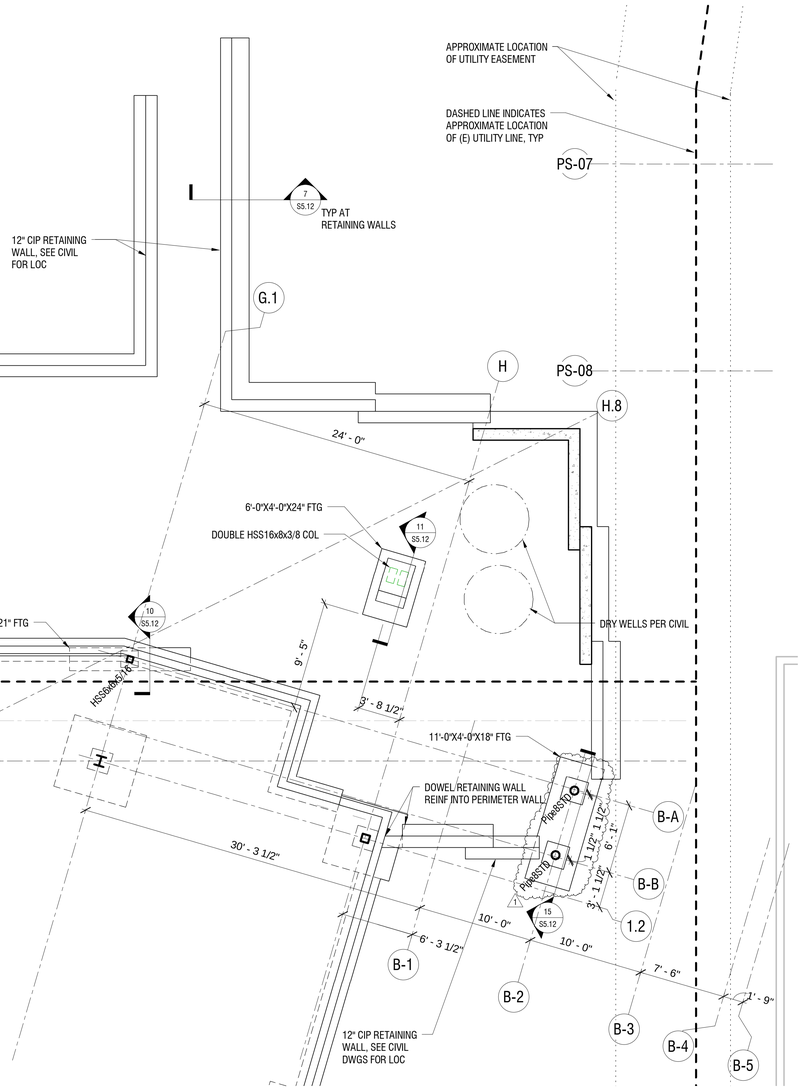
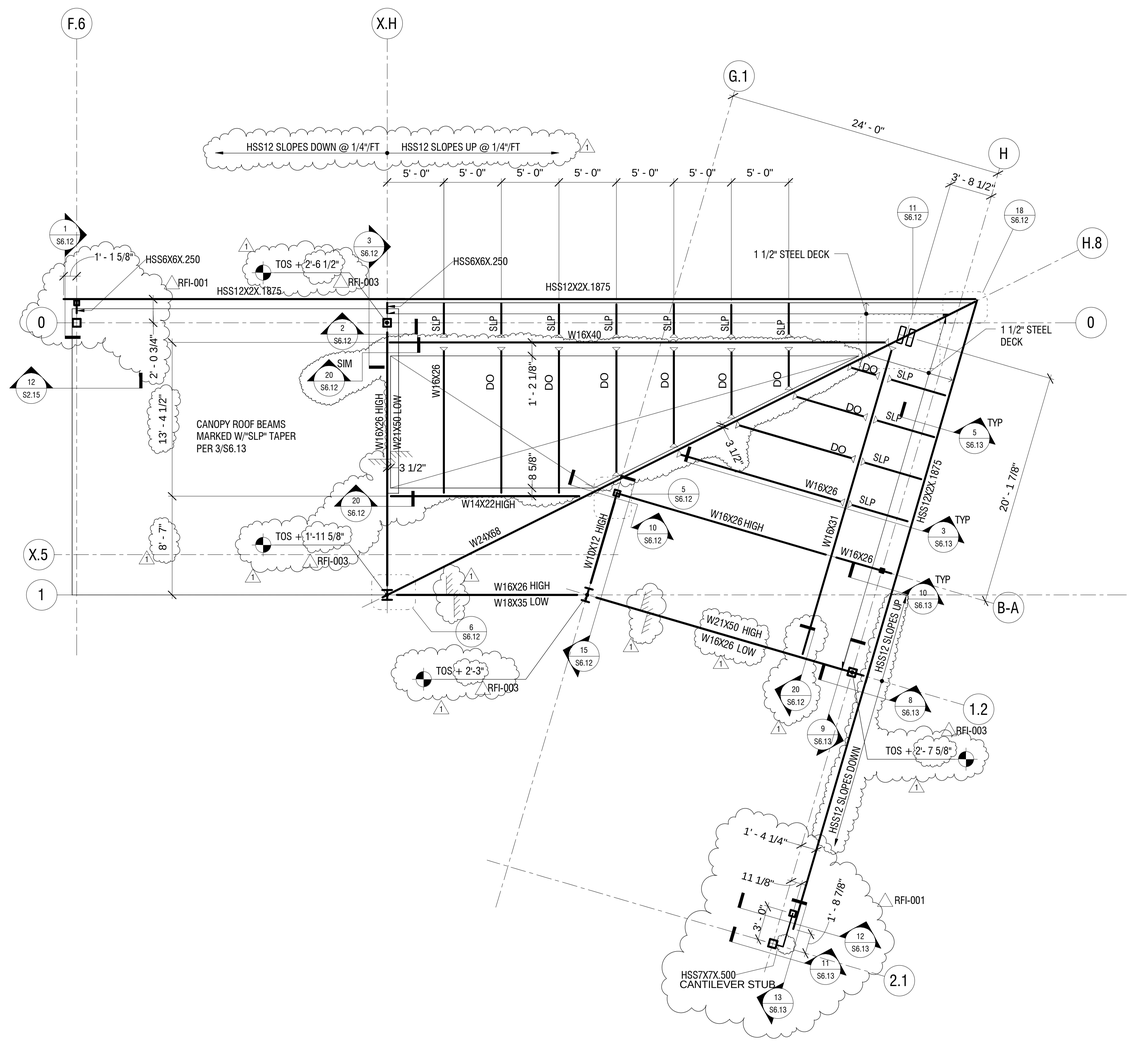


12 NE CANOPY PARTIAL FOUNDATION PLAN
3/16" = 1'-0"



15 NE CANOPY PARTIAL ROOF FRAMING PLAN
3/16" = 1'-0"

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NE CANOPY PARTIAL PLANS

SHEET NO.
S2.17
SCALE: AS SHOWN

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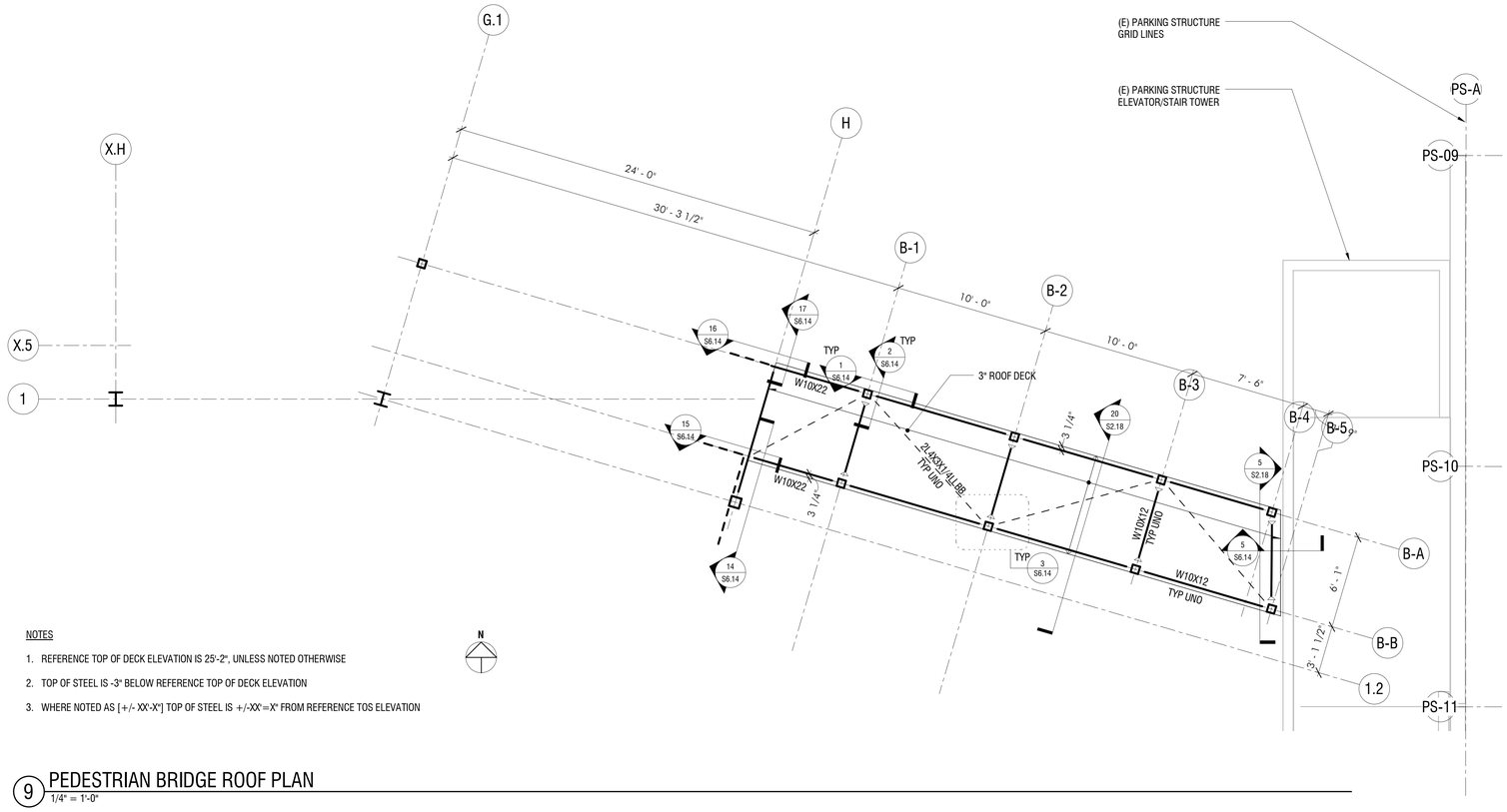
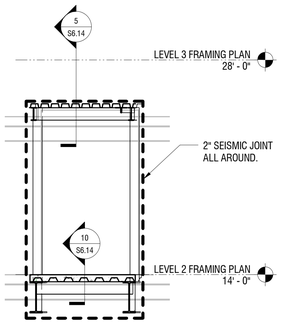


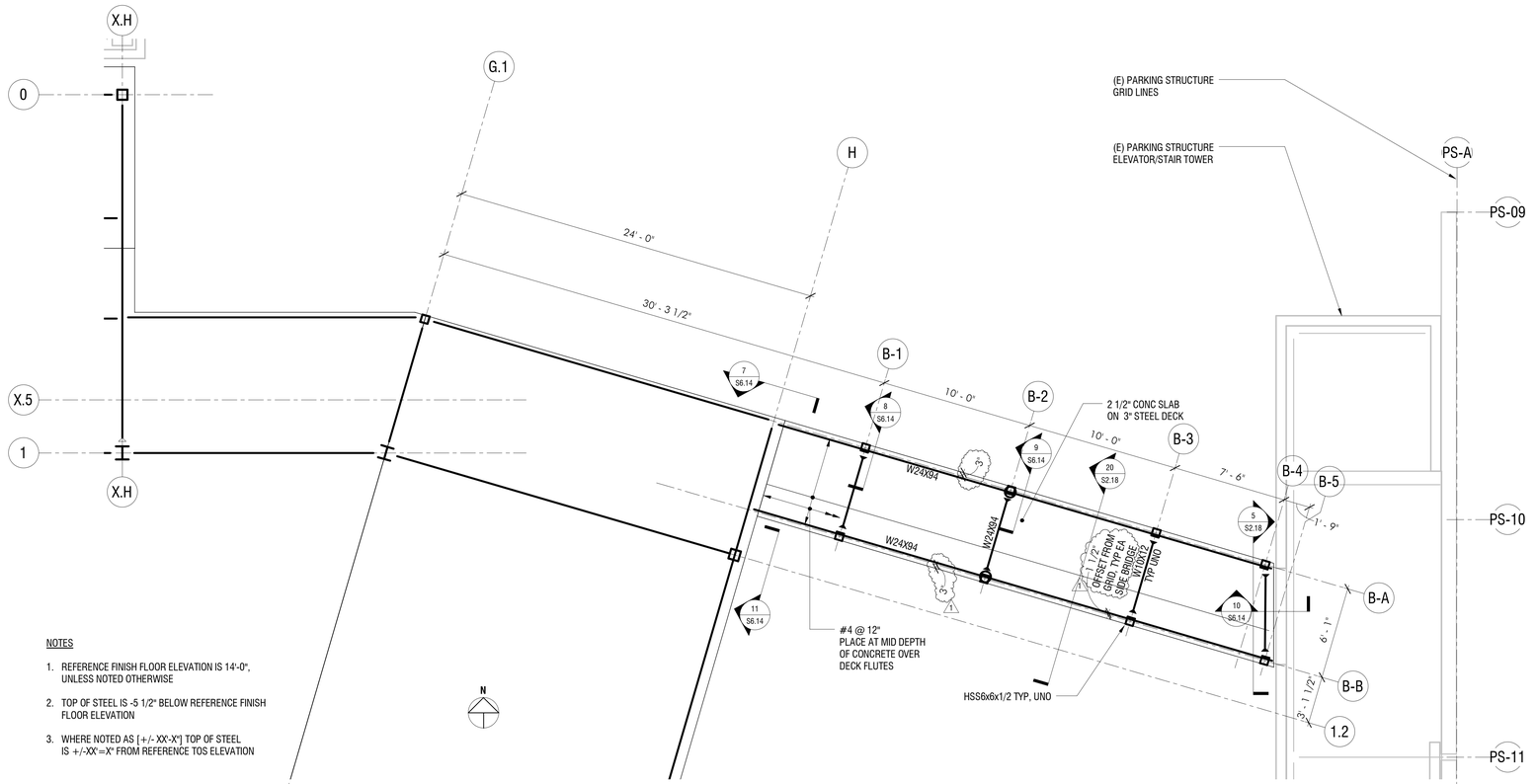
NOTES

1. REFERENCE TOP OF DECK ELEVATION IS 25'-2", UNLESS NOTED OTHERWISE
2. TOP OF STEEL IS -3" BELOW REFERENCE TOP OF DECK ELEVATION
3. WHERE NOTED AS [+/- XX'-X"] TOP OF STEEL IS +/-XX'=X" FROM REFERENCE TOS ELEVATION

9 PEDESTRIAN BRIDGE ROOF PLAN
1/4" = 1'-0"



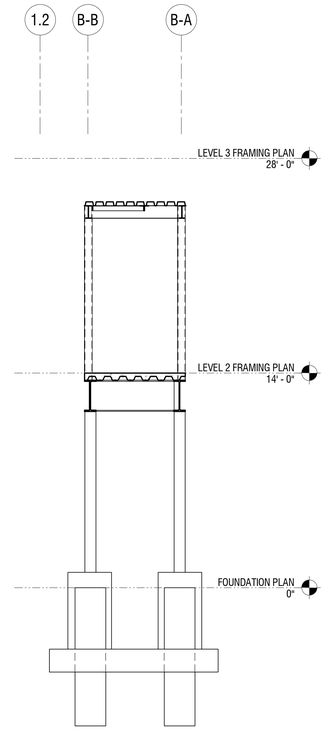
5 SECTION
1/4" = 1'-0"



NOTES

1. REFERENCE FINISH FLOOR ELEVATION IS 14'-0", UNLESS NOTED OTHERWISE
2. TOP OF STEEL IS -5 1/2" BELOW REFERENCE FINISH FLOOR ELEVATION
3. WHERE NOTED AS [+/- XX'-X"] TOP OF STEEL IS +/-XX'=X" FROM REFERENCE TOS ELEVATION

19 PEDESTRIAN BRIDGE FLOOR PLAN
1/4" = 1'-0"



20 SECTION
1/4" = 1'-0"

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PEDESTRIAN BRIDGE PARTIAL PLANS

SHEET NO.
S2.18
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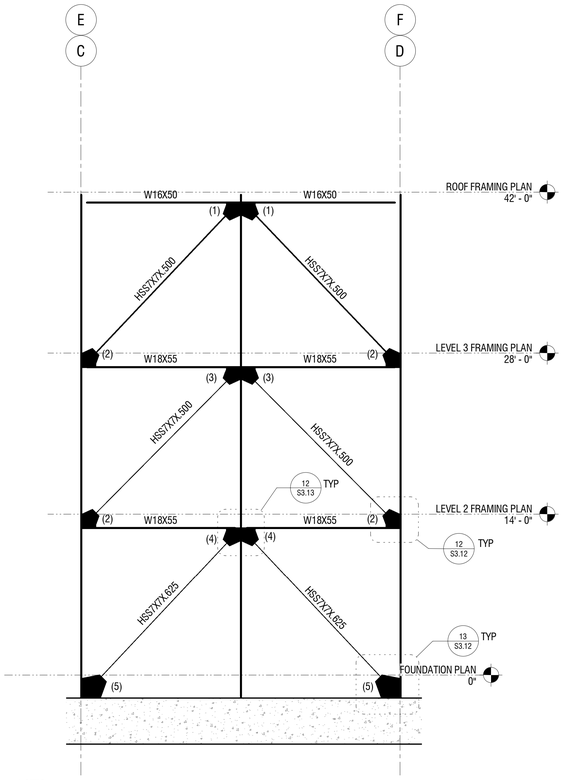
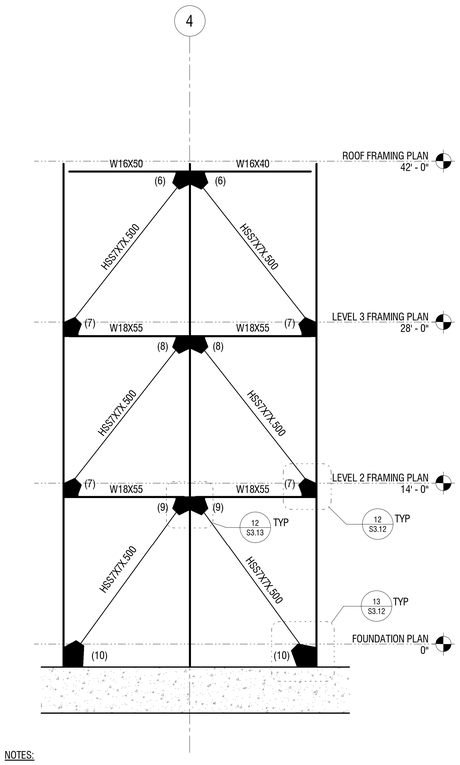


NOTES:

1. (X) DENOTES GUSSET IDENTIFICATION NUMBER. TABLES ON S3.12 AND S3.13 REFERENCE THIS NUMBER.

6 BRACED FRAME ELEVATION - BF1

3/16" = 1'-0"

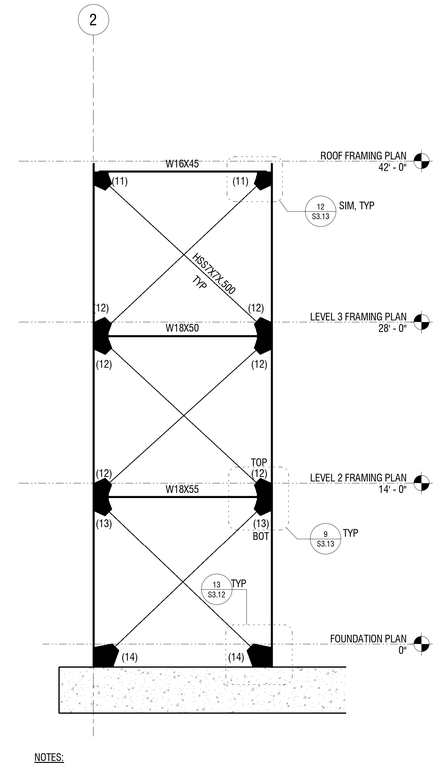


NOTES:

1. (X) DENOTES GUSSET IDENTIFICATION NUMBER. TABLES ON S3.12 AND S3.13 REFERENCE THIS NUMBER.

8 BRACED FRAME ELEVATION - BF2

3/16" = 1'-0"

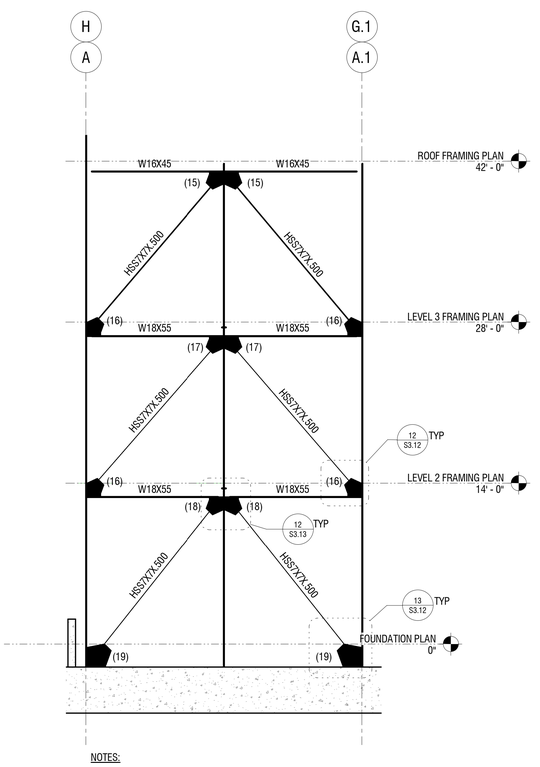


NOTES:

1. (X) DENOTES GUSSET IDENTIFICATION NUMBER. TABLES ON S3.12 AND S3.13 REFERENCE THIS NUMBER.

9 BRACED FRAME ELEVATION - BF3

3/16" = 1'-0"



NOTES:

1. (X) DENOTES GUSSET IDENTIFICATION NUMBER. TABLES ON S3.12 AND S3.13 REFERENCE THIS NUMBER.

10 BRACED FRAME ELEVATION - BF4

3/16" = 1'-0"

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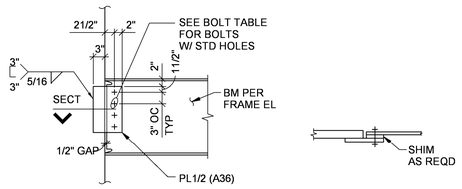
BRACED FRAME ELEVATIONS

SHEET NO.

S3.11

SCALE: AS SHOWN

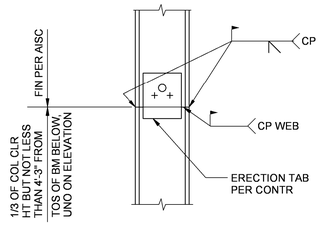


DETAIL AT GUSSET PLATE CONNECTION

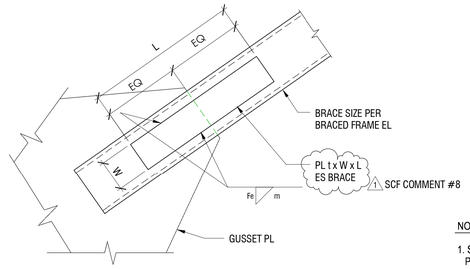
SECTION

BOLT TABLE	
BEAM SIZE	NUMBER OF 7/8" DIA A325 BOLTS
W16	4
W18	4

1 TYPICAL BRACED FRAME BEAM BOLT CONN
1/8" = 1'-0"



2 TYPICAL BRACED FRAME COLUMN SPLICE
1/8" = 1'-0"

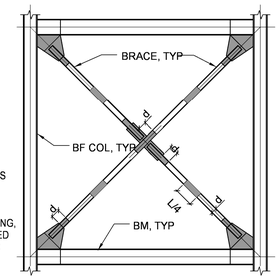


BRACE	t (in)	W (in)	L (in)	Fe (in)	m (in)
HSS7x7x 1/2	3/4	4	20	1/2	8
HSS7x7x 5/8	1	3 1/2	20	5/8	8

3 TYPICAL BRACE COVER PLATE
1 1/2" = 1'-0"

NOTES:

1. SHADING INDICATES PROTECTED ZONE. MISCELLANEOUS ATTACHMENTS (CLADDING, PLUMBING, ETC) NOT PERMITTED IN THE PROTECTED ZONE.

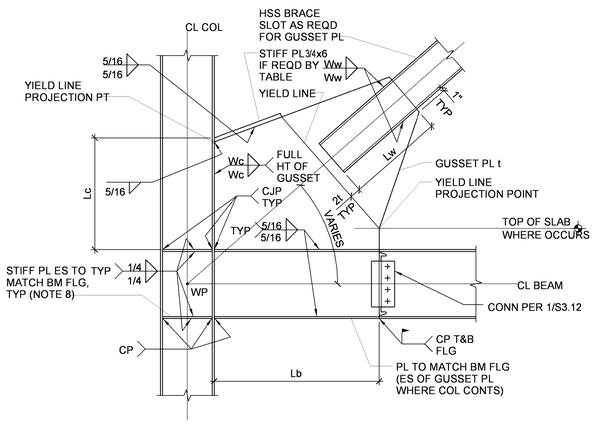


4 TYPICAL BRACE PROTECTED ZONE
1/8" = 1'-0"

NOTES:

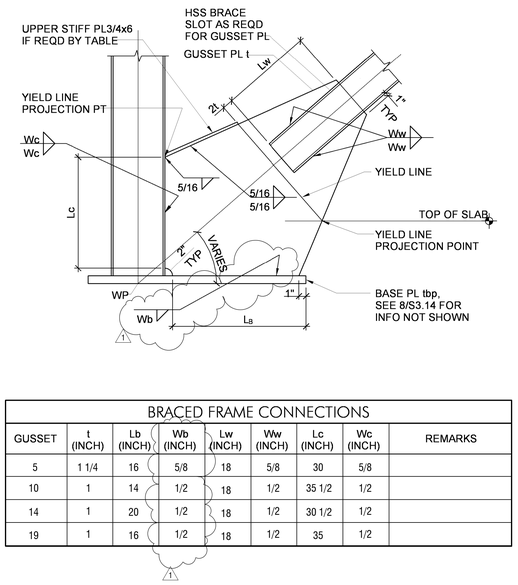
1. ALL PLATES SHALL BE A572, FY = 50 KSI.
2. SEE TYPICAL STEEL DETAILS FOR BEAM-TO-COLUMN MOMENT CONNECTION.
3. EACH GUSSET HAS TWO (2) YIELD LINE PROJECTION POINTS, ONE AT CONNECTION TO COLUMN, ONE AT CONNECTION TO BEAM (TOP OF SLAB WHERE OCCURS). THE YIELD LINE PROJECTION POINT RESULTING IN A YIELD LINE FURTHEST FROM THE WP SHALL DETERMINE GUSSET GEOMETRY.
4. DETAIL GUSSET PLATE TO PROVIDE THE REQUIRED BRACE-TO-GUSSET PLATE, GUSSET PLATE-TO-BEAM AND GUSSET PLATE-TO-COLUMN WELD LENGTHS.
5. SLOT WIDTH IN BRACE SHALL BE EQUAL TO THE CONNECTING GUSSET PLATE THICKNESS PLUS A MAXIMUM OF 1/8 -INCH TOLERANCE. PROVIDE SLOT PATCH AND SLOT REINFORCING AT ALL BRACE SLOTS PER DETAIL 3/S3.12.
6. BRACE-TO-GUSSET WELDS CALLED OUT ARE EFFECTIVE WELD LEG LENGTH. WHERE BRACE SLOT WIDTH RESULTS IN GAP AT ROOT OF WELD, INCREASE WELD LEG LENGTH TO COMPENSATE. SCF COMMENT #10
7. PROVIDE ONE (1) STUD PER FOOT ON BRACE FRAME BEAMS, AND DRAG BEAMS NOTED AS (SLRS), UNLESS NOTED OTHERWISE.
8. WHERE STIFF PLATE CONFLICTS WITH OTHER REQUIRED CONNECTION PLATES AT COLUMNS, BREAK STIFF PLATE AT EACH SIDE OF CONFLICTING PLATE AND PROVIDE CP WELDS.
9. SHOP DRAWINGS SUBMITTED TO THE ENGINEER FOR REVIEW SHALL CLEARLY INDICATE THE BRACE ANGLE, BRACE-TO-GUSSET PLATE WELD LENGTH, VERTICAL GUSSET PLATE LENGTH AND GUSSET PLATE HORIZONTAL LENGTH. YIELD LINE AND BRACE OUTLINE SHALL BE SHOWN.

5 BRACED FRAME GENERAL NOTES
1 : 1



12 TYPICAL BRACED FRAME TO BEAM CONNECTION
NOT TO SCALE

BRACED FRAME TO BEAM CONNECTIONS							
GUSSET	t (INCH)	Lb (INCH)	Wc (INCH)	Lw (INCH)	Ww (INCH)	Lcl (INCH)	REMARKS
2	1	22	1/2	18	1/2	15	
7	1	20	1/2	18	1/2	21 1/2	
11	1	22	1/2	18	1/2	13 1/4	
16	1	20	1/2	18	1/2	17 3/4	

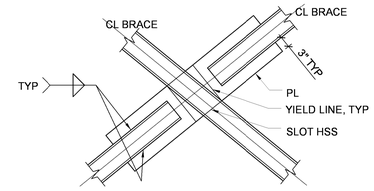


BRACED FRAME CONNECTIONS								
GUSSET	t (INCH)	Lb (INCH)	Wb (INCH)	Lw (INCH)	Ww (INCH)	Lc (INCH)	Wc (INCH)	REMARKS
5	1 1/4	16	5/8	18	5/8	30	5/8	
10	1	14	1/2	18	1/2	35 1/2	1/2	
14	1	20	1/2	18	1/2	30 1/2	1/2	
19	1	16	1/2	18	1/2	35	1/2	

NOTES:

SEE 10/S3.14 FOR BASE PLATE THICKNESS

13 TYPICAL BRACED FRAME CONNECTION
NOT TO SCALE



9 TYPICAL BRACE INTERSECTION
NOT TO SCALE

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REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET

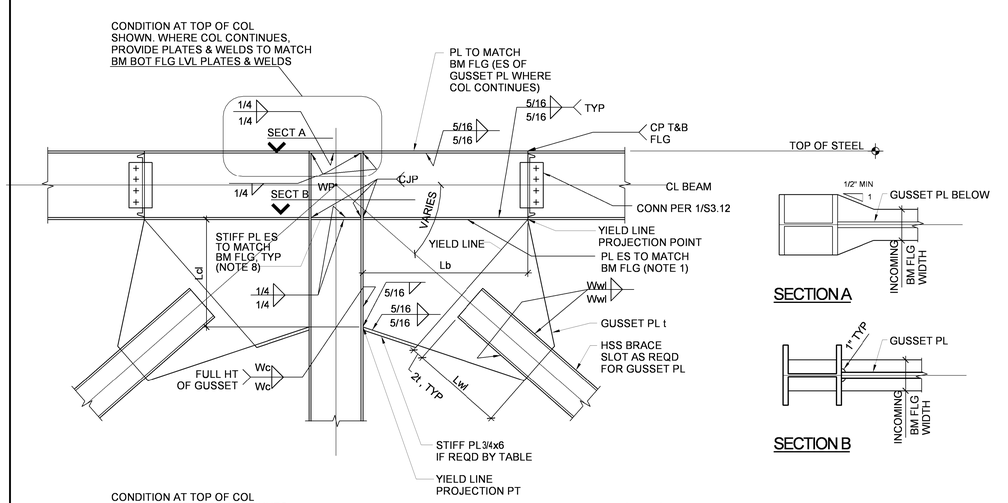
CONFORMED SET 04-23-2008

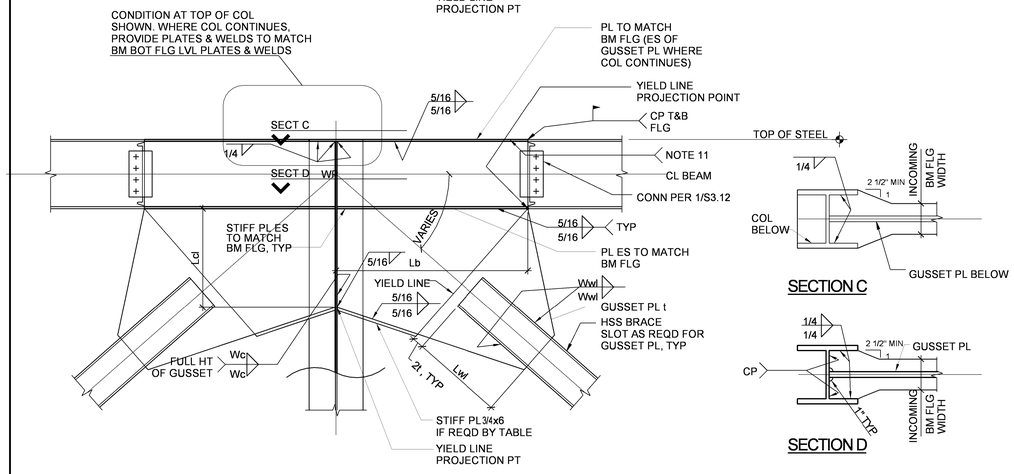
JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

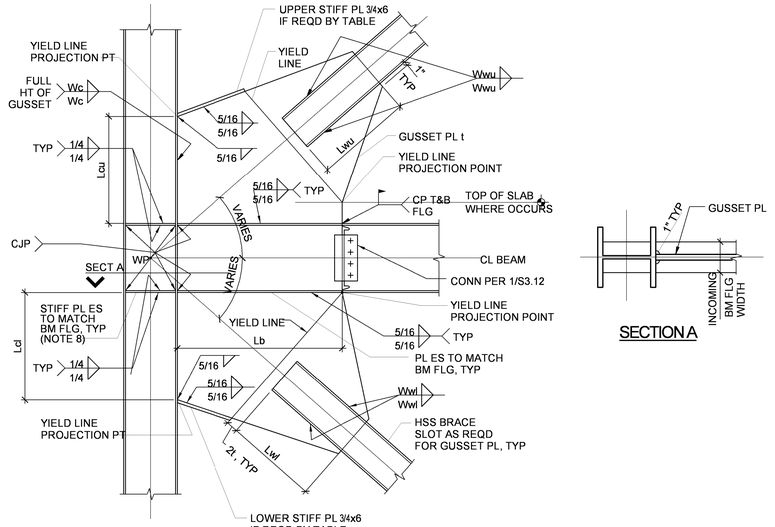
BRACED FRAME DETAILS

SHEET NO.
S3.12
SCALE: AS SHOWN

4/23/2008 11:48:53 AM





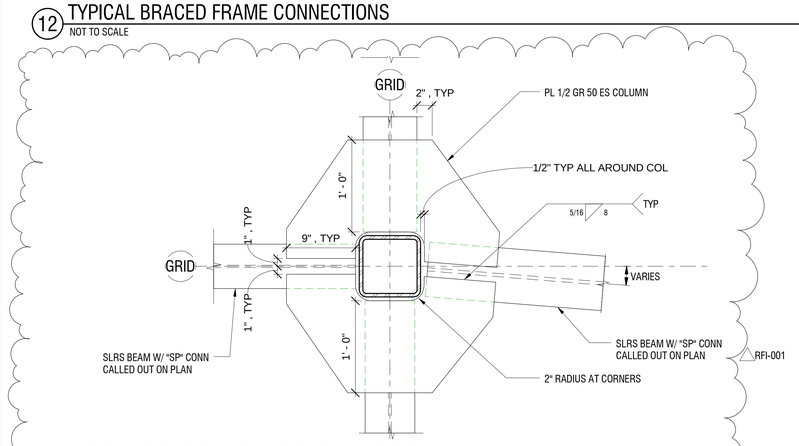


BRACED FRAME TO BEAM CONNECTIONS							
GUSSET	t (INCH)	Lb (INCH)	Wc (INCH)	Lwl (INCH)	Wwl (INCH)	Lcl (INCH)	REMARKS
12	1	24	1/2	18	1/2	13	STIFFEN
13	1	22	1/2	18	1/2	15 5/8	

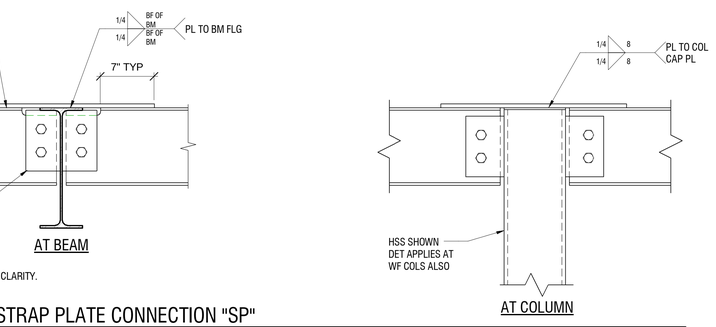
9 TYPICAL BRACED FRAME TO BEAM CONNECTION
NOT TO SCALE

BRACED FRAME CONNECTIONS							
GUSSET	t (INCH)	Lb (INCH)	Wc (INCH)	Lwl (INCH)	Wwl (INCH)	Lcl (INCH)	REMARKS
1	1	22	1/2	18	1/2	16 1/2	
3	1	22	1/2	18	1/2	15	
4	1 1/4	20	5/8	18	5/8	17	
6	1	26	1/2	18	1/2	18	
8	1	26	1/2	18	1/2	16 1/4	
9	1	24	1/2	18	1/2	18 1/2	
15	1	20	1/2	18	1/2	19 3/4	
17	1	20	1/2	18	1/2	17 3/4	
18	1	20	1/2	18	1/2	23 1/4	

12 TYPICAL BRACED FRAME CONNECTIONS
NOT TO SCALE

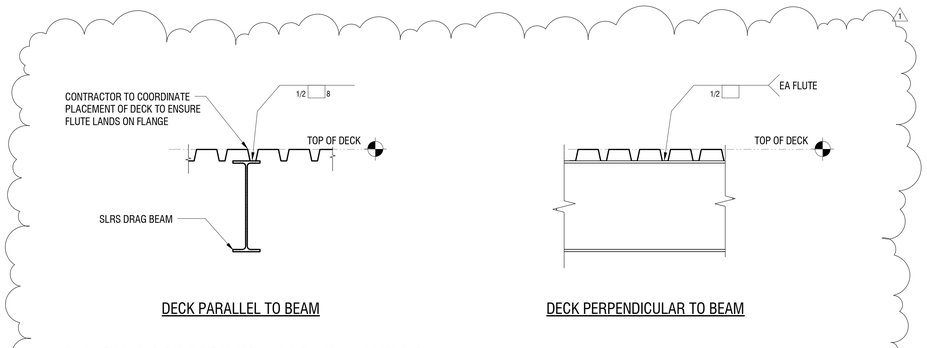


16 TYPICAL STRAP PLATE AT CONTINUOUS COLUMN
1 1/2" = 1'-0"



NOTES:
1. DECK NOT SHOWN FOR CLARITY.

14 TYPICAL STRAP PLATE CONNECTION "SP"
1 1/2" = 1'-0"



19 TYPICAL ROOF DECK TO DRAG BEAM WELDS
3/4" = 1'-0"

5/1/2009 7:53:39 AM

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05-20-2008
SHEET REISSUED FOR CONFORMED SET

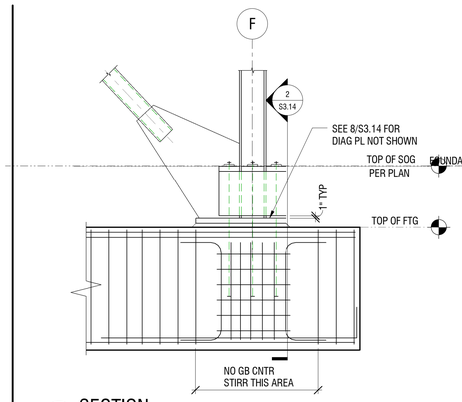
REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

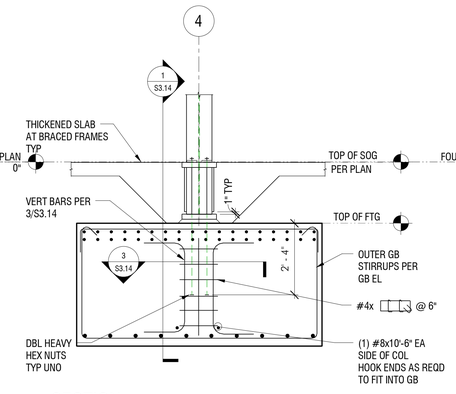
JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

BRACED FRAME DETAILS

SHEET NO.
S3.13
SCALE: AS SHOWN



1 SECTION
1/2" = 1'-0"



2 SECTION
1/2" = 1'-0"

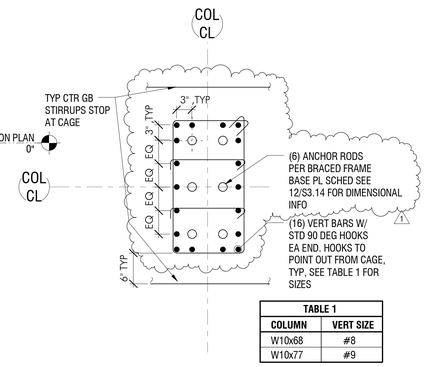
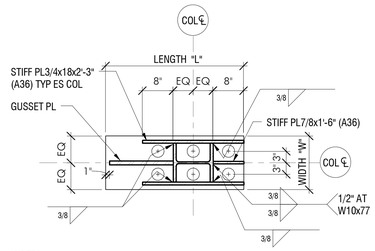


TABLE 1	
COLUMN	VERT SIZE
W10x68	#8
W10x77	#9

3 PLAN DETAIL
1" = 1'-0"



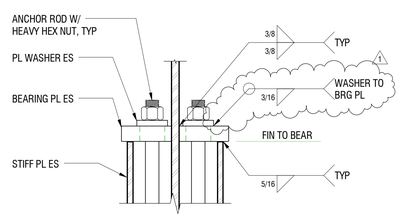
NOTES:
1. SEE BRACED FRAME BASE PLATE SCHEDULE
FOR LENGTH, WIDTH, THICKNESS, AND ANCHOR RODS.

4 PLAN DETAIL
3/4" = 1'-0"

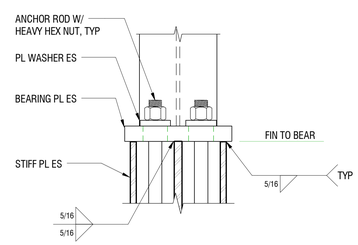
BRACED FRAME DRAG PLATE SCHEDULE						
BRACED FRAME	Fe	SIDE PLATE tp x L	EMBED PLATE tp x W x L	DRAG BARS	S	(E)
BF1	9/16"	3/4" X 24"	3/4" X 24" X 2'-10"	(9) #10	1 1/4"	5/16"
BF2	7/16"	1/2" X 24"	1/2" X 24" X 2'-10"	(9) #9	1"	5/16"
BF3	1/2"	5/8" X 24"	5/8" X 24" X 2'-10"	(9) #10	1 1/4"	5/16"
BF4	7/16"	1/2" X 24"	1/2" X 24" X 2'-10"	(9) #9	1"	5/16"

2 COMMENT #9

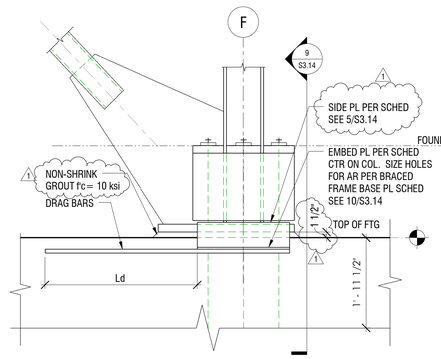
5 BRACED FRAME DRAG PLATE SCHEDULE
1/8" = 1'-0"



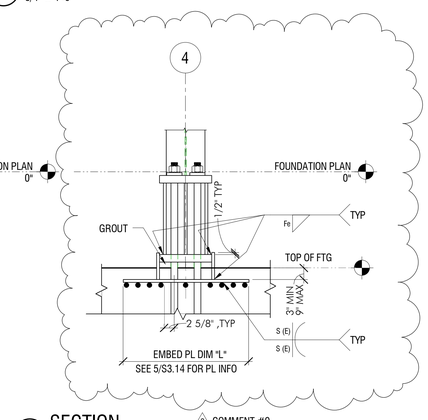
6 SECTION
1 1/2" = 1'-0"



7 SECTION
1 1/2" = 1'-0"



8 SECTION
3/4" = 1'-0"



9 SECTION
3/4" = 1'-0"

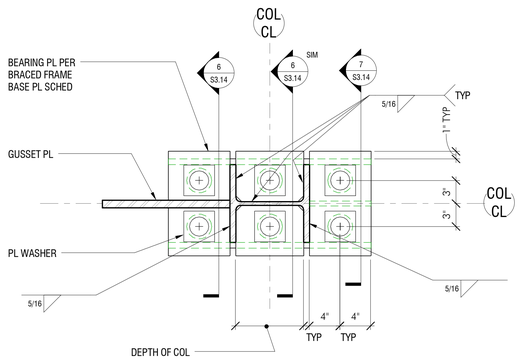
2 COMMENT #9

BASEPLATE SCHEDULE FOR BRACED FRAME COLUMNS						
COLUMN GRID	BASEPLATE DIMENSIONS			ANCHOR ROD DIA	SQUARE PLATE WASHER SIZE	HOLE DIAMETER FOR ANCHOR RODS AT BASEPLATE AND BRACE PLATE
	THICK	WIDTH "W"	LENGTH "L" 1			
C/4	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
D/4	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
E/4	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
F/4	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
D/4.4	2"	14"	2'-10 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
D/3.4	2"	14"	2'-10 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
E/4.4	2"	14"	2'-10 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
E/3.4	2"	14"	2'-10 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
B.5/2	2 1/2"	15"	3'-4 3/4"	2"	7/8" x 4 1/2" x 4 1/2"	3 1/4"
B.5/1.5	2 1/2"	15"	3'-4 3/4"	2"	7/8" x 4 1/2" x 4 1/2"	3 1/4"
F.4/2	2 1/2"	15"	3'-4 3/4"	2"	7/8" x 4 1/2" x 4 1/2"	3 1/4"
F.4/1.5	2 1/2"	15"	3'-4 3/4"	2"	7/8" x 4 1/2" x 4 1/2"	3 1/4"
A/2.2'	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
A.1/2.2'	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
G.1/2.2	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"
H/2.2	2"	14"	3'-0 1/2"	1 3/4"	3/4" x 4" x 4"	2 3/4"

NOTES:
1. ALL BRACED FRAME ANCHOR RODS ARE TO BE ASTM F1554 GRADE 105.

2 COMMENT #6

10 BASEPLATE SCHED FOR BRACED FRAME COLS
1/8" = 1'-0"



12 PLAN DETAIL
1 1/2" = 1'-0"

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REVISIONS		
#	Date	Description
1	04-23-08	CONFORMED SET
2	04-23-08	MOA Review Responses

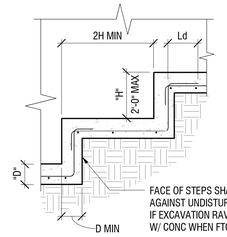
JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

BRACED FRAME DETAILS

SHEET NO.
S3.14
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

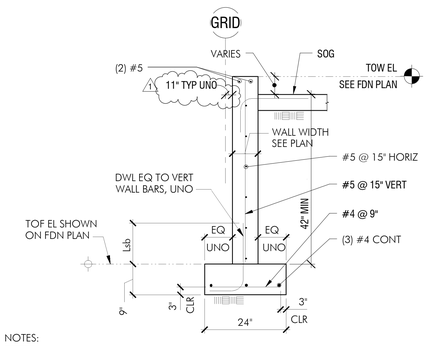
4/23/2008 11:49:12 AM



NOTES:

1. SEE "TYPICAL WALL FOOTING" DETAIL FOR ADDITIONAL INFORMATION.

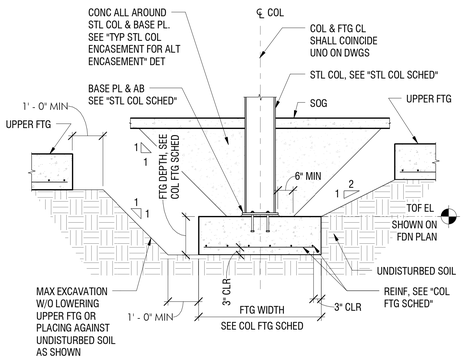
4 TYPICAL STEPPED WALL FOOTING



NOTES:

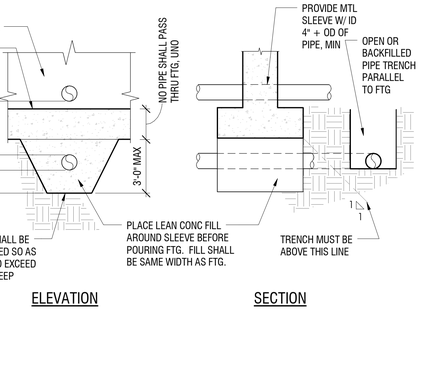
1. SEE "TYPICAL COLUMN FOOTING" DETAIL FOR EXCAVATION INFORMATION.
2. LAP SPLICE LONGITUDINAL REINFORCING Lsb.

3 TYPICAL WALL FOOTING

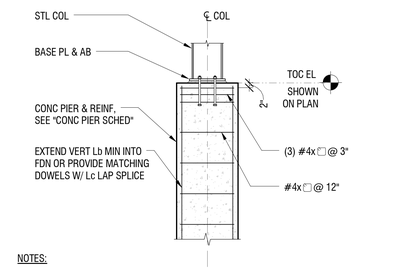


8 TYPICAL STEEL COLUMN FOOTING

1/2" = 1'-0"



11 TYPICAL PIPE ENCASEMENT UNDER FOOTING

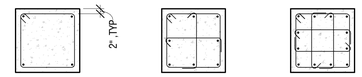


NOTES:

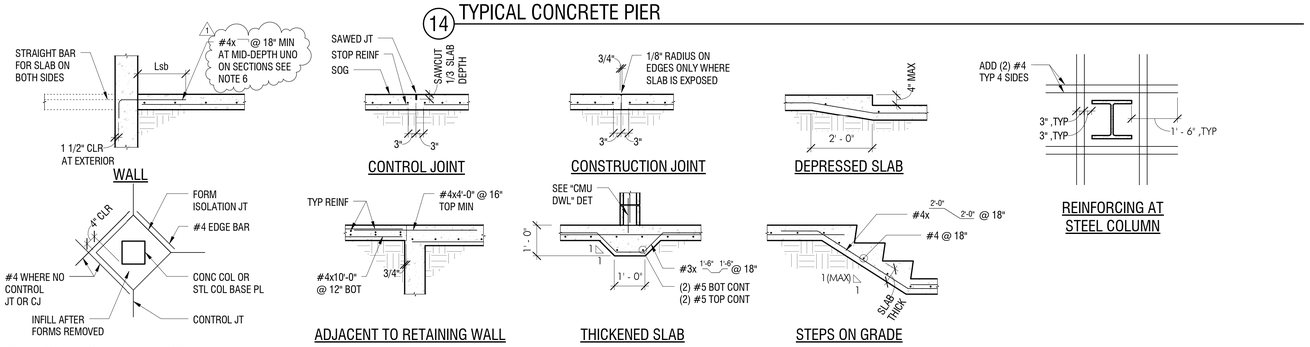
1. SEE "CONCRETE PIER SCHEDULE" FOR TYPE OF REINFORCING CONFIGURATION.
2. A TYPICAL CROSSTIE SHALL HAVE A 135 DEGREE HOOK AT ONE END AND A 90 DEGREE HOOK AT THE OTHER END. AT CONTRACTOR'S OPTION, THE 135 DEGREE HOOK MAY BE REPLACED WITH A 180 DEGREE HOOK, AND THE 90 DEGREE HOOK MAY BE REPLACED WITH A 135 OR A 180 DEGREE HOOK.
3. CROSSTIES WITH 90 DEGREE HOOKS SHALL HAVE THE CONSECUTIVE CROSSTIES ALTERNATED END FOR END ALONG THE LONGITUDINAL REINFORCEMENT.

14 TYPICAL CONCRETE PIER

CONCRETE PIER SCHEDULE				
PIER	W in	L in	TYPE	VERT SIZE
P1	18	24	B	#8
P2	16	16	A	#8
P3	24	24	B	#8



TYPE A TYPE B TYPE C



NOTES: ISOLATION JOINT AT COLUMN

1. SEE FOUNDATION PLAN FOR SLAB ON GRADE THICKNESS.
2. LOCATE CONSTRUCTION JOINTS UNDER PARTITIONS OR ON COLUMN LINES. PROVIDE CONTROL JOINTS ON ALL COLUMN LINES AND AT A MAXIMUM SPACING OF 30 x SLAB THICKNESS EACH WAY IN BETWEEN. PROVIDE CONTROL JOINTS AT ALL RE-ENTRANT CORNERS. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO ARCHITECT FOR REVIEW.
3. SAWED JOINTS SHALL BE MADE AS SOON AS THE JOINT CAN BE CUT WITHOUT EDGES RAVELING AND WITHIN 24 HOURS OF SLAB PLACEMENT. SAWED JOINTS SHALL BE FILLED WITH SEALANT AS COORDINATED WITH THE ARCHITECT.
4. LOCATE REINFORCING AT ONE-THIRD OF DEPTH FROM TOP OF SLAB.
5. TYPICAL SLAB REINFORCING:
   #4 @ 24" EACH WAY FOR 4" SLAB
   #4 @ 24" EACH WAY FOR 6" SLAB
6. AT CONTRACTORS OPTION FERRULE LOOPS AND ALL THREAD ROD MAY BE USED IN LIEU OF REINFORCING BARS. SUBSTITUTION MUST MEET OR EXCEED CONNECTION CAPACITY SPECIFIED IN TYPICAL DETAIL. CONTRACTOR TO SUBMIT ALL SUBSTITUTION REQUESTS FOR EOR APPROVAL.

18 TYPICAL SLAB ON GRADE

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REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET

JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

TYPICAL CONCRETE SCHEDULES AND DETAILS

SHEET NO.
S4.11
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

4/25/2008 11:49:17 AM

NOTES:

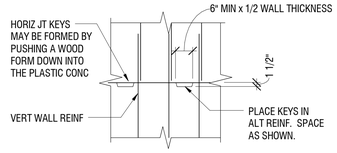
1. UNLESS NOTED OR SHOWN OTHERWISE, ALL WALLS ARE TO BE REINFORCED WITH MINIMUM REINFORCEMENT AS SHOWN IN THE FOLLOWING TABLE:

MINIMUM WALL REINFORCEMENT			
WALL THICKNESS	HORIZONTAL BARS	VERTICAL BARS	LOCATION
6" & UNDER	#4 @ 12"	#4 @ 12"	CENTERLINE
OVER 6-8"	#5 @ 15"	#5 @ 15"	CENTERLINE
OVER 8-10"	#5 @ 12"	#5 @ 12"	CENTERLINE
OVER 10-12"	#4 @ 12"	#4 @ 12"	EACH FACE
OVER 12-14"	#5 @ 18"	#5 @ 18"	EACH FACE
OVER 14-16"	#5 @ 15	#5 @ 15"	EACH FACE
OVER 16-20"	#5 @ 12"	#5 @ 12"	EACH FACE
OVER 20-24"	#5 @ 10"	#5 @ 10"	EACH FACE

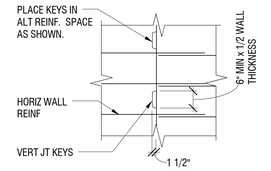
2. LAP WALL REINFORCING Lsb AT SPLICES.

3. ALL VERTICAL REINFORCING IN CONCRETE WALLS SHALL BE CONTINUOUS FROM STRUCTURAL FLOOR TO STRUCTURAL FLOOR, OR FROM FOOTING TO FIRST STRUCTURAL FLOOR ABOVE, UNLESS NOTED OTHERWISE.

4. START HORIZONTAL AND VERTICAL BARS 1 INCH CLEAR OF EDGE OF OPENINGS. SPACE REINFORCING BARS AT EQUAL SPACES NOT TO EXCEED REQUIRED SPACING.

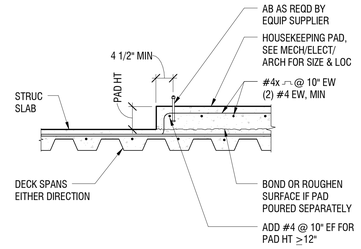


HORIZONTAL JOINT ELEVATION



VERTICAL JOINT ELEVATION

5 TYPICAL CONCRETE WALL REINFORCING

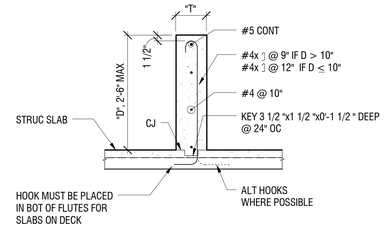


NOTES:

1. HOUSEKEEPING PAD ON SLAB ON GRADE AND FORMED SLABS SIMILAR.

12 TYPICAL HOUSEKEEPING PAD

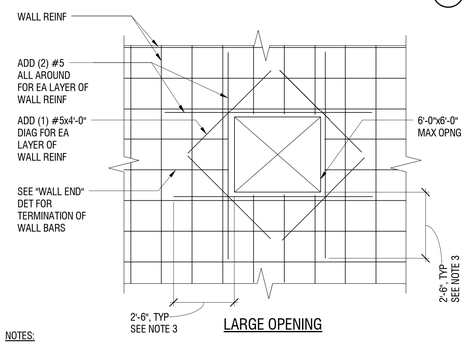
17 TYPICAL CONCRETE CURB



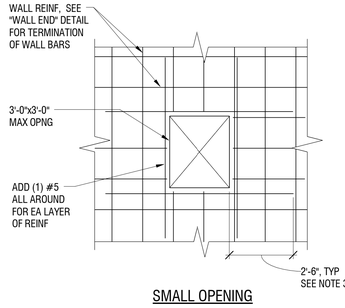
NOTES:

1. T = 6" MINIMUM OR 10" MAXIMUM. IF T > 10". SEE "HOUSEKEEPING PAD" DETAIL.

2. SEE ARCHITECTURAL FOR T AND D DIMENSIONS AND CURB LOCATIONS.



LARGE OPENING



SMALL OPENING

NOTES:

1. OMIT ADDED REINFORCEMENT NOTED ABOVE WHEN SPECIAL REINFORCEMENT, INDICATED ON PLANS OR DETAILS, EXCEEDS THIS REINFORCEMENT.

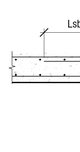
2. CONTRACTOR SHALL VERIFY ALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS WITH THE STRUCTURAL ENGINEER BEFORE PLACEMENT.

3. WHEN EDGE OF CONCRETE CLOSE TO OPENING WILL NOT ALLOW THIS LENGTH, CONSULT STRUCTURAL ENGINEER BEFORE CONSTRUCTION.

7 TYPICAL CONCRETE WALL OPENING REINFORCING

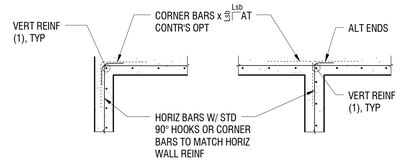
8 TYPICAL SUMP PIT

1/2" = 1'-0"

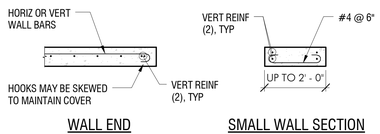


WALL INTERSECTION OF SINGLE & DOUBLE LAYER REINFORCING

WALL CORNER OF SINGLE & DOUBLE LAYER REINFORCING

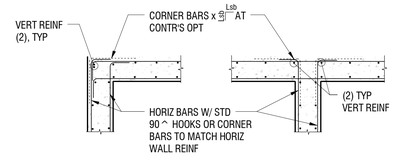


WALL CORNER WALL INTERSECTION

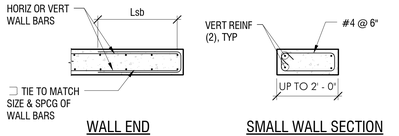


WALL END SMALL WALL SECTION

SINGLE LAYER REINFORCING



WALL CORNER WALL INTERSECTION



WALL END SMALL WALL SECTION

DOUBLE LAYER REINFORCING

3 TYPICAL CONCRETE WALL END REINFORCING

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REVISIONS		
#	Date	Description

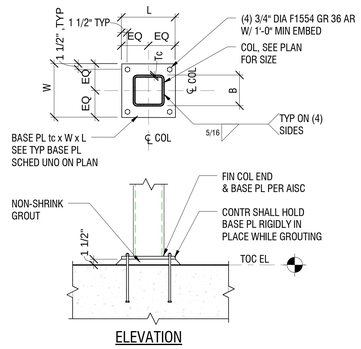
JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

TYPICAL CONCRETE SECTIONS AND DETAILS

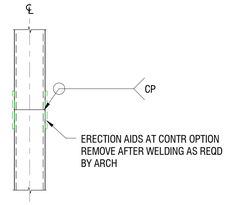
SHEET NO.
S4.12
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

4/23/2008 11:49:21 AM

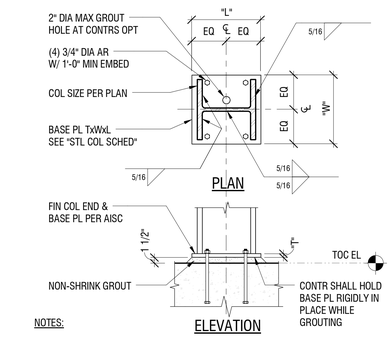


1 TYPICAL HSS BASE PLATE
3/4" = 1'-0"



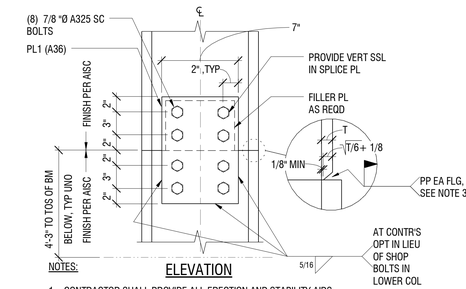
2 TYPICAL HSS COLUMN SPLICE
3/4" = 1'-0"

STEEL COLUMN BASE PLATE SCHEDULE	
COLUMN SIZE	**BASE PLATE SIZE T"xW"xL"**
HSS4X4X1/4	1/2"x10"x10"
HSS6x6x5/16	3/4"x12"x1'-0"
HSS6X6X1/2	3/4"x12x1'-0"
HSS8X8X1/4	3/4"x14"x1'-2"
HSS8X8X5/16	1"x14"x1'-2"
HSS8X8X3/8	1"x14"x1'-2"
HSS8X8X1/2	1 1/4"x14"x1'-2"
HSS8X8X5/8	1 1/4"x14"x1'-2"
W10X39	3/4"X11"X11"
W10X49	1"X12"x1'-0"
W10X54	1"X12"x1'-0"
W10X68	1 1/4"x14"x1'-0"



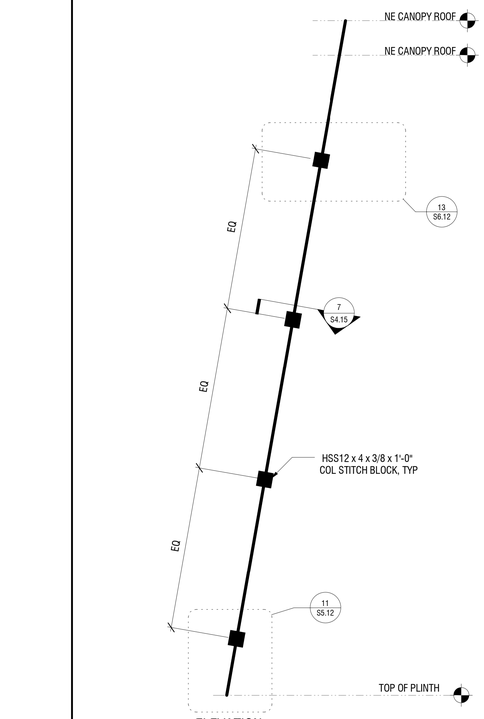
NOTES:
1. TIGHTEN ANCHOR RODS SNUG TIGHT AND TACK WELD NUT TO ROD TO PREVENT LOOSENING.
2. BASE PLATE HOLE DIAMETER AND PLATE WASHER SHALL BE SIZED PER AISC. THE WASHER SHALL BE A36 MATERIAL. AT CONTRACTOR'S OPTION OVER-SIZED HOLES WITH A STANDARD HARDENED WASHER MAY BE USED.

4 TYPICAL WF BASE PLATE



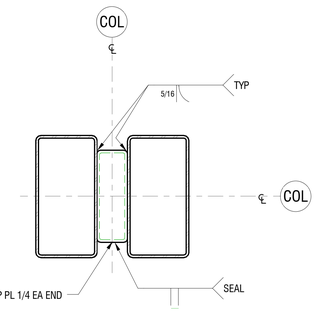
NOTES:
1. CONTRACTOR SHALL PROVIDE ALL ERECTION AND STABILITY AIDS.
2. REFER TO AISC FOR SPLICE DETAIL WHERE NOMINAL DEPTH CHANGES.
3. 1/8" MINIMUM OR USE FULL PENETRATION WELD.

5 TYPICAL WF COLUMN SPLICE

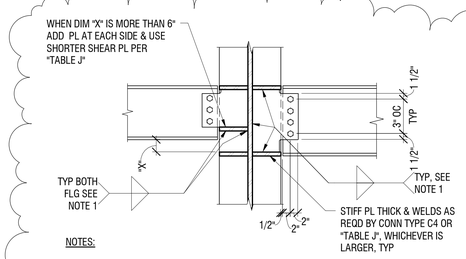


NOTES:
1. COLUMN AND STITCH BLOCKS SHOULD BE CONSTRUCTED TO AISC AESS SPECIFICATION TOLERANCES.

11 TYPICAL DOUBLE HSS COLUMN
1/4" = 1'-0"



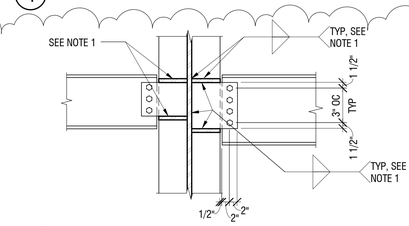
7 SECTION
1 1/2" = 1'-0"



NOTES:
1. SEE "TABLE J" FOR BOLTS, PLATES AND WELDS FOR EACH SIDE OF CONNECTION.
2. BEAM FLANGES SHALL NOT BE COPED.
3. CONNECTION TYPE CANNOT BE MIXED WITH OTHER BEAM TO COLUMN WEB CONNECTION.
4. BEAMS MAY BE SKEWED UP TO 30 DEGREES.

BEAM TO COLUMN WEB NON-MOMENT CONNECTION
(MOMENT CONNECTION AT FLANGES)

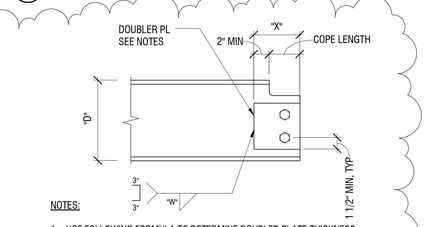
8 TYPICAL STEEL CONNECTION, TYPE C6
3/4" = 1'-0"



NOTES:
1. SEE "TABLE J" FOR BOLTS, PLATES AND WELDS FOR EACH SIDE OF CONNECTION.
2. BEAM FLANGES SHALL NOT BE COPED.
3. CONNECTION TYPE CANNOT BE MIXED WITH OTHER BEAM TO COLUMN WEB CONNECTION.
4. BEAMS MAY BE SKEWED UP TO 30 DEGREES.

BEAM TO COLUMN WEB NON-MOMENT CONNECTION
(NON-MOMENT CONNECTION AT FLANGES)

9 TYPICAL STEEL CONNECTION, TYPE C7
3/4" = 1'-0"



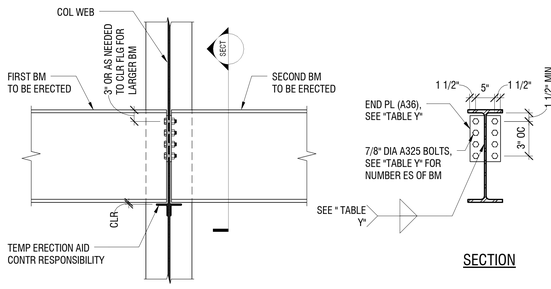
NOTES:
1. USE FOLLOWING FORMULA TO DETERMINE DOUBLER PLATE THICKNESS: (MINIMUM WEB THICKNESS PER CONNECTION "TABLE B" OR "TABLE C") MINUS (BEAM WEB THICKNESS) PLUS (COEFFICIENT).

X	COEFFICIEN
5	1/8"
7	1/4"
10 1/2	3/8"

2. MINIMUM PLATE THICKNESS SHALL BE 1/4 INCH; MINIMUM WIDTH 5 INCHES.
3. PLATE SHALL BE SAME GRADE STEEL AS BEAM.
4. WELD SIZE (W) SHALL BE 1/16 INCH LESS THAN PLATE THICKNESS.

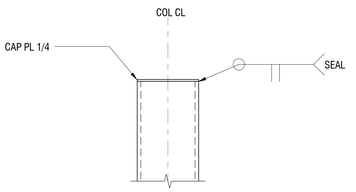
10 TYPICAL STEEL BEAM WEB DOUBLER
1 1/2" = 1'-0"

NOTES:
1. WHEN BEAM WEB IS LESS THAN VALUE SHOWN, REDUCE ALLOWABLE REACTION BY THE RATIO WITH MINIMUM THICKNESS.
2. FOR BEAMS ON ONLY ONE SIDE, THE MINIMUM COLUMN WEB THICKNESS IS ONE HALF OF THE VALUE SHOWN.
3. WHEN COLUMN WEB IS LESS THAN VALUE SHOWN, REDUCE ALLOWABLE REACTION BY THE RATIO WITH THE MINIMUM THICKNESS.
4. MINIMUM NUMBER OF BOLTS PER SIDE SHALL CONFORM TO TABLE A IN GENERAL NOTES FOR STEEL CONNECTIONS.
5. END PLATE SHALL FIT WITHIN BEAM DEPTH.
6. 1/4 INCH MAXIMUM SHIMS ALLOWED ON EACH BEAM END.
7. BLOCK BEAM FLANGES WHERE REQUIRED TO CLEAR COLUMN FLANGES, 1/4 INCH CLEAR MAXIMUM.
8. USE UNCOPED FOR BEAM TO COLUMN FLANGE NON-MOMENT CONNECTION.
9. FOR BEAM TO BEAM CONNECTION, USE WITH "TYPICAL COPE WEB STIFFENER" DETAIL.



BEAM TO COLUMN WEB NON-MOMENT CONNECTION

13 TYPICAL STEEL CONNECTION, TYPE C10
3/4" = 1'-0"



15 TYPICAL HSS COLUMN CAP PLATE
1 1/2" = 1'-0"

RFI-001

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05-20-2008
SHEET REISSUED FOR CONFORMED SET

REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

TYPICAL STEEL SECTIONS AND DETAILS

SHEET NO. S4.15
SCALE: AS SHOWN

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NOTES:

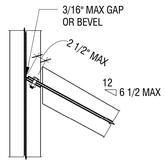
THESE NOTES APPLY TO ALL CONNECTIONS UNLESS NOTED OTHERWISE.

1. SEE PLANS FOR BEAM REACTIONS WHERE NO DETAIL IS NOTED. USE APPROPRIATE TYPICAL DETAIL.
2. THE MINIMUM NUMBER OF BOLTS IN A BEAM WEB CONNECTION SHALL BE AS SHOWN IN "TABLE A".
3. BEAMS SHALL HAVE STANDARD ROUND HOLES (STD), AND SHEAR TAB PLATES SHALL HAVE HORIZONTAL SHORT SLOTTED HOLES (SSL) UNLESS NOTED OTHERWISE.
4. BOLTS IN CONNECTIONS OF BEAM TO BEAM / GIRDER MAY BE SNUG TIGHT UNLESS SPECIFICALLY CALLED OUT AS SLIP CRITICAL (SC).
5. FOR EXTERIOR SPANDREL BEAMS, SEE "TYPICAL EDGE BEAM STIFFENER" DETAIL.
6. WHEN CONDITIONS VARY FROM THOSE SHOWN IN THE "TYPICAL STEEL DETAILS", OR WHEN THE CONTRACTOR WANTS TO USE ALTERNATE DETAILS; DETAIL CONSTRUCTION ACCORDING TO THE "AISC MANUAL OF STEEL CONSTRUCTION". SUBMIT CALCULATIONS FOR ENGINEER'S APPROVAL.
7. CONTRACTOR SHALL COORDINATE THE BOLT SELECTION AND USE BETWEEN FABRICATOR AND ERECTOR.

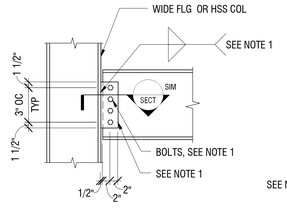
TABLE A		
WIDE-FLANGE BEAM DEPTH	BUILT-UP BEAM DEPTHS (INCH)	MINIMUM NUMBER OF BOLTS REQUIRED
W8, W10, W12	8 TO 13	2
W14, W16, W18	TO 19	3
W21, W24, W27	TO 25	4
W30, W33	TO 31	5
W36, W40	TO 38	6
W44	TO 44	7
	TO 50	8
	TO 56	9
	TO 60	10

8. WHEN THE ACTUAL WEB THICKNESS IS LESS THAN THAT SHOWN IN THE APPLICABLE CONNECTION TABLE, SEE "TYPICAL WEB DOUBLER" DETAIL OR SCALE THE MAXIMUM REACTION BY THE RATIO OF ACTUAL WEB THICKNESS TO MINIMUM WEB THICKNESS.
9. SEE "GENERAL NOTES FOR COPED BEAMS" FOR ADDITIONAL REQUIREMENTS WHEN BEAMS ARE COPED.
10. TABLES B AND C APPLY TO HSS COLUMN CONNECTIONS.

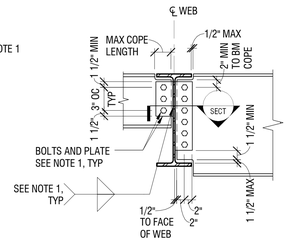
2 GENERAL NOTES FOR STEEL CONNECTIONS



SECTION
(SKEWED BEAMS)



BEAM TO COLUMN FLANGE



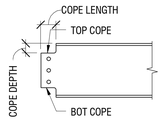
BEAM TO BEAM

NOTES:

1. SEE "TABLE B" FOR ADDITIONAL CONNECTION REQUIREMENTS.
2. WHEN REQUIRED NUMBER OF BOLTS DOES NOT FIT WITHIN BEAM DEPTH, OR WHEN THE REACTION IS MORE THAN THE MAXIMUM IN "TABLE B", USE "TYPICAL STEEL CONNECTION, TYPE C2" OR "TYPICAL STEEL CONNECTION, TYPE C10".
3. FOR SKEWED BEAMS NOT MEETING THE LIMITS SHOWN IN SECTION, SEE "TYPICAL SKEWED BEAM CONNECTION, TYPE C8".

SINGLE PLATE SHEAR CONNECTIONS

3 GENERAL NOTES FOR COPED BEAMS



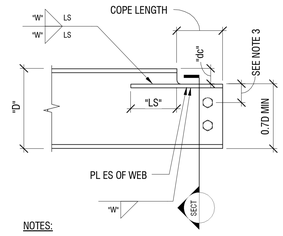
TYPICAL COPED BEAM DETAIL

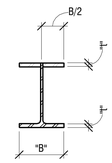
NOTES:

THESE NOTES APPLY TO ALL COPED BEAMS UNLESS NOTED OTHERWISE.

1. COPED BEAMS SHALL BE CHECKED FOR MINIMUM WEB THICKNESS AND MAXIMUM COPE LENGTH PER APPLICABLE TABLE. COPE LENGTH IS AS SHOWN IN THE CONNECTION DETAILS.
2. MAXIMUM TOP COPE DEPTH IS 2" FOR BEAM DEPTHS UP TO W18. 3" FOR BEAM W21 AND DEEPER. WHEN ACTUAL COPE DEPTH EXCEEDS MAXIMUM COPE DEPTH, ADD STIFFENERS PER "TYPICAL COPE WEB STIFFENER" DETAIL.
3. WHEN ACTUAL COPE LENGTH IS GREATER THAN SHOWN IN APPLICABLE TABLE, SEE "TYPICAL COPE WEB STIFFENER" DETAIL OR REDUCE THE MAXIMUM REACTION BY THE RATIO OF MAXIMUM COPE LENGTH TO ACTUAL COPE LENGTH. THESE REDUCTIONS ARE NOT ALLOWED BELOW THE HEAVY LINES SHOWN IN THE TABLES.

4 TYPICAL COPE WEB STIFFENER

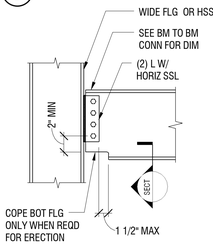




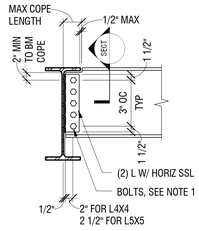
SECTION

NOTES:

1. WELD W SHALL BE 0.35t OR AISC MINIMUM.
2. LS SHALL BE THE GREATER OF THREE TIMES THE PLATE WIDTH OR TWO TIMES THE COPE DEPTH (dc).
3. ADJUST BOLT LOCATION AS REQUIRED.



BEAM TO COLUMN FLANGE



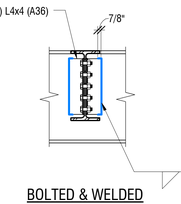
BEAM TO BEAM

NOTES:

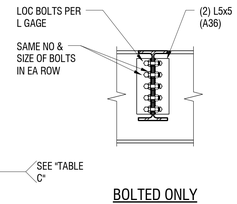
1. SEE "TABLE C" FOR ADDITIONAL CONNECTION REQUIREMENTS.
2. ONE ANGLE MAY BE FIELD WELDED AT CONTRACTOR'S OPTION.
3. TOLERANCE ON RETURN WELD SHALL BE + 1/4 INCH, -0 INCHES.
4. WHEN C2 CONNECTIONS LINE UP ON OPPOSITE SIDES OF A SUPPORT GIRDER AND WELDS ARE USED, THE MINIMUM SUPPORT THICKNESS MUST BE GREATER THAN OR EQUAL TO THE SUM OF THE MINIMUM SUPPORT THICKNESS FOR EACH INCOMING C2 CONNECTION.

DOUBLE ANGLE SHEAR CONNECTIONS

TABLE C2	
MINIMUM SUPPORT THICKNESS WHEN WELDED TO SUPPORT	
BOLT DIAMETER	Fy=50KSI
7/8"	0.26"
1"	0.36"



BOLTED & WELDED



BOLTED ONLY

SECTION

7 TYPICAL STEEL CONNECTION TYPE C1

TABLE B								
	MAXIMUM REACTION				TOP COPE ONLY		TOP & BOTTOM COPE	
					Fy (BEAM) = 50 KSI		Fy (BEAM) = 50 KSI	
	NUMBER OF BOLTS	MAXIMUM REACTION (KIPS)	PLATE THICKNESS (A36) (IN)	WELD SIZE (IN)	MINIMUM WEB THICKNESS (IN)	MAXIMUM COPE LENGTH (IN)	MINIMUM WEB THICKNESS (IN)	MAXIMUM COPE LENGTH (IN)
7/8" DIA A325 BOLTS	2	13	5/16	1/4	0.19	6	0.19	2 1/2
	3	27	5/16	1/4	0.20	4 1/2	0.21	2 1/2
	4	44	5/16	1/4	0.23	7	0.26	4
	5	56	5/16	1/4	0.24	9	0.27	5
	6	75	3/8	5/16	0.27	11	0.30	7
	7	83	3/8	5/16	0.27	14	0.29	10
	8	91	3/8	5/16	0.26	18	0.28	14
	9	100	1/2	3/8	0.25	18	0.27	18
	10	108	1/2	3/8	0.25	18	0.27	18
	11	116	1/2	3/8	0.25	18	0.26	18
	12	124	1/2	3/8	0.24	18	0.26	18
1" DIA A490 BOLTS	2	15	1/2	3/8	0.19	5	0.19	2
	3	31	1/2	3/8	0.21	4	0.26	2 1/2
	4	59	1/2	3/8	0.31	6 1/2	0.37	4 1/2
	5	84	1/2	3/8	0.37	7 1/2	0.43	5
	6	101	1/2	3/8	0.38	8 1/2	0.43	6
	7	117	1/2	3/8	0.39	10	0.44	7 1/2
	8	134	1/2	3/8	0.40	14	0.44	9
	9	151	1/2	3/8	0.40	18	0.44	13 1/2
	10	168	1/2	3/8	0.41	18	0.44	16
	11	185	1/2	3/8	0.41	18	0.44	18
	12	202	1/2	3/8	0.41	18	0.44	18

NOTES:

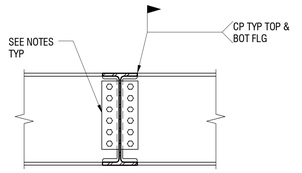
1. SEE GENERAL NOTES FOR COPED BEAMS.

9 TYPICAL STEEL CONNECTION TYPE C2

TABLE C									
	MAXIMUM REACTION				NO COPE	TOP COPE ONLY		TOP & BOTTOM COPE	
					Fy = 50 KSI	Fy (BEAM) = 50 KSI		Fy (BEAM) = 50 KSI	
	NUMBER OF BOLTS	MAXIMUM REACTION (KIPS)	ANGLE THICKNESS (A36) (IN)	WELD SIZE (IN)	MINIMUM WEB THICKNESS (IN)	MINIMUM WEB THICKNESS (IN)	MAXIMUM COPE LENGTH (IN)	MINIMUM WEB THICKNESS (IN)	MAXIMUM COPE LENGTH (IN)
7/8" DIA A325 BOLTS	2	21	3/8	5/16	0.16	0.18	3 1/2	0.24	2
	3	44	3/8	5/16	0.22	0.28	3 1/2	0.34	2 1/2
	4	71	3/8	5/16	0.27	0.36	6 1/2	0.42	4
	5	100	3/8	5/16	0.30	0.42	7	0.48	4 1/2
	6	130	3/8	5/16	0.32	0.47	7 1/2	0.52	6
	7	160	3/8	5/16	0.34	0.51	9 1/2	0.56	7
	8	190	3/8	5/16	0.35	0.53	11 1/2	0.58	8
	9	221	3/8	5/16	0.36	0.56	16	0.60	10
	10	250	3/8	5/16	0.37	0.57	17 1/2	0.61	10 1/2
	11	280	3/8	5/16	0.38	0.59	18	0.63	12
	12	310	3/8	5/16	0.38	0.60	18	0.63	14 1/2
1" DIA A490 BOLTS	2	29	5/8	7/16	0.20	0.26	3 1/2	0.36	2
	3	61	5/8	7/16	0.27	0.41	4	0.51	2 1/2
	4	99	5/8	7/16	0.32	0.52	6 1/2	0.63	4 1/2
	5	140	5/8	7/16	0.37	0.62	7 1/2	0.71	4 1/2
	6	182	5/8	7/16	0.40	0.69	8	0.78	6
	7	225	5/8	7/16	0.42	0.74	9 1/2	0.83	7 1/2
	8	267	5/8	7/16	0.43	0.78	12	0.86	8 1/2
	9	309	5/8	7/16	0.45	0.82	16 1/2	0.89	10 1/2
	10	351	5/8	7/16	0.46	0.84	17 1/2	0.91	11 1/2
	11	392	5/8	7/16	0.46	0.87	18	0.93	12 1/2
	12	434	5/8	7/16	0.47	0.88	18	0.94	13 1/2

NOTES:

1. SEE GENERAL NOTES FOR COPED BEAMS.

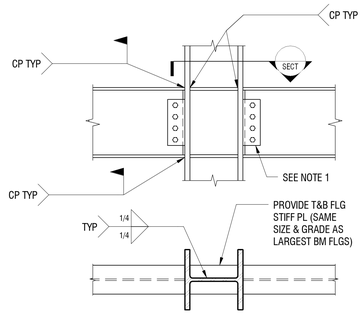


BEAM TO BEAM
MOMENT CONNECTION

NOTES:

1. SEE "TYPICAL STEEL CONNECTION, TYPE C1" AND "TABLE B" OR "TYPE C2" AND "TABLE C" FOR ADDITIONAL CONNECTION REQUIREMENTS.
2. COPE LENGTHS MAY EXCEED THE LIMITS SHOWN IN "TABLES B AND C".
3. FOR SKEWED BEAMS, SEE "TYPICAL STEEL CONNECTION, TYPE C1" SECTION AND NOTE 3.

12 STEEL CONNECTION TABLE B



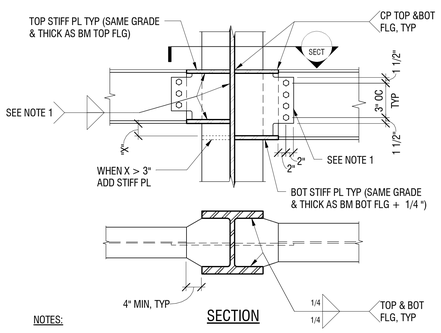
SECTION

NOTES:

1. SEE "TYPICAL STEEL CONNECTION, TYPE C1" AND "TABLE B" OR "TYPE C2" AND "TABLE C" FOR ADDITIONAL CONNECTION REQUIREMENTS.

BEAM TO COLUMN FLANGE MOMENT CONNECTION

14 STEEL CONNECTION TABLE C



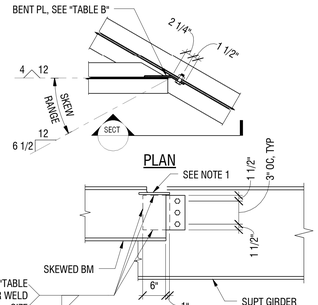
SECTION

NOTES:

1. SEE "TYPICAL STEEL CONNECTION, TYPE C1" AND "TABLE B" FOR ADDITIONAL CONNECTION REQUIREMENTS.

BEAM TO COLUMN WEB MOMENT CONNECTION

15 TYPICAL STEEL CONNECTION TYPE C3



PLAN

SECTION

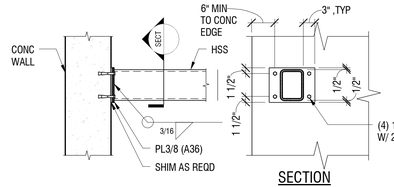
NOTES:

1. SEE "TYPICAL WEB COPE STIFFENER" DETAIL FOR INFORMATION NOT SHOWN, CUT PLATE ONE SIDE AS REQUIRED FOR FIT UP.
2. REFERENCE "TABLE B" FOR NUMBER OF BOLTS REQUIRED FOR MAXIMUM REACTION.

16 TYPICAL STEEL CONNECTION TYPE C4

17 TYPICAL STEEL CONNECTION TYPE C5

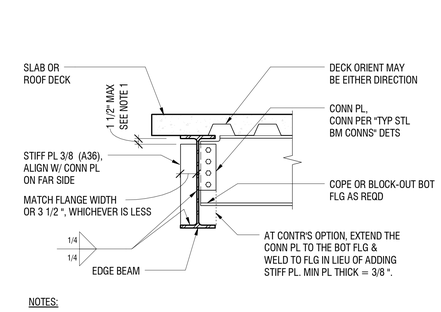
18 TYPICAL STEEL CONNECTION TYPE C8



SECTION

CONNECTION TO CONCRETE

19 TYPICAL ELEVATOR SPREADER BEAM CONNECTION



NOTES:

1. AT LOCATIONS WHERE A CONCRETE SLAB DOES NOT EXIST AT EDGE BEAM, THE STIFFENER PLATE OR CONNECTION PLATE, SHALL BE EXTENDED TO FULL DEPTH AND WELDED ON THREE SIDES.
2. THIS DETAIL APPLIES AT ALL EDGE OF SLAB CONDITIONS.

20 TYPICAL EDGE BEAM STIFFENER

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REVISIONS

#	Date	Description

CONFORMED SET 04-23-2008

JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

TYPICAL STEEL SECTIONS AND DETAILS

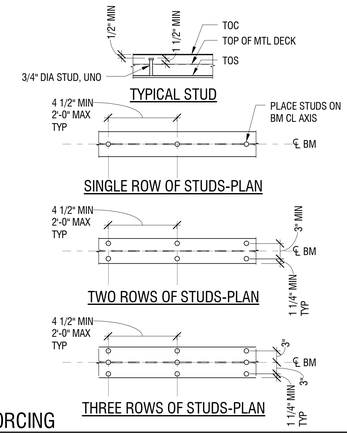
SHEET NO.
S4.16
SCALE: AS SHOWN

4/23/2008 11:49:35 AM

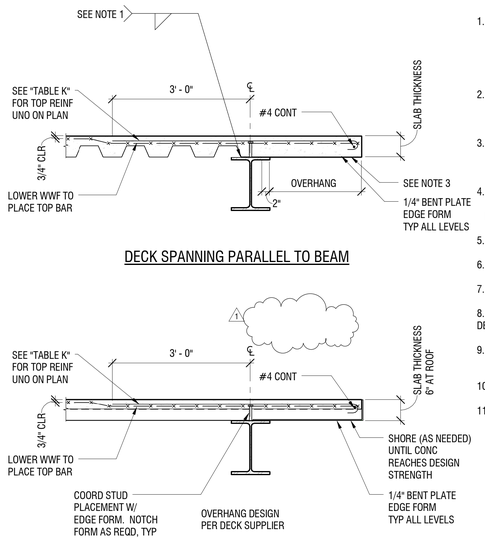
NOTES:

1. SEE PLAN FOR REQUIRED NUMBER OF STUDS. STUDS SHALL BE PLACED AT A MAXIMUM SPACING OF 2'-0" ALONG THE BEAM AXIS UNLESS NOTED OTHERWISE ON PLAN. SEE "GENERAL NOTES" FOR MINIMUM NUMBER OF STUDS AND MINIMUM STEEL COMPOSITE DECK TO STEEL BEAM FASTENING REQUIREMENTS.
2. UNLESS NOTED OTHERWISE, STUDS ARE TO BE EQUALLY SPACED ALONG THE BEAM LENGTH AND PLACED SYMMETRICALLY ABOUT THE BEAM CENTERLINE AXIS. IF EQUAL SPACING IS NOT POSSIBLE DUE TO DECK CONFIGURATION, THE STRUCTURAL ENGINEER SHALL BE NOTIFIED.
3. THE REQUIRED NUMBER OF STUD ROWS SHALL BE DETERMINED AS FOLLOWS (BEAM LENGTH IN FEET):
   A. FOR DECK FLUTES PERPENDICULAR TO THE BEAM:
      # ROWS = # STUDS / BEAM LENGTH
   B. FOR DECK FLUTES PARALLEL TO THE BEAM:
      # ROWS = (0.375 x # STUDS) / BEAM LENGTH
4. FOR DECK FLUTES PARALLEL TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED 6" FROM THE BEAM ENDS. FOR DECK FLUTES PERPENDICULAR TO THE BEAM, THE FIRST STUD (OR STUDS) SHALL BE PLACED IN THE FLUTE CLOSEST TO THE BEAM ENDS.
5. FOR CANTILEVER SPANS, STUDS SHALL BE PLACED IN ONE ROW ALONG THE BEAM CENTERLINE AXIS AT A MAXIMUM SPACING OF 2'-0". STUDS PLACED ON THE CANTILEVER SPAN ARE NOT INCLUDED IN THE NUMBER OF STUDS SHOWN ON THE DRAWINGS.
6. WHERE WELDED WIRE FABRIC IS USED AS SLAB REINFORCEMENT, ADDITIONAL REINFORCEMENT SHALL BE PLACED PERPENDICULAR TO THE BEAM, ACROSS THE BEAM AND CANTILEVER SPANS AS FOLLOWS:

   1 OR 2 STUDS / FT - ADD NONE
   3 STUDS / FT - ADD #4x5'-0" @ 12"
   4 OR MORE STUDS / FT - ADD #4x5'-0" @ 10"



3 TYPICAL SHEAR STUD PLACEMENT AND ADDED REINFORCING

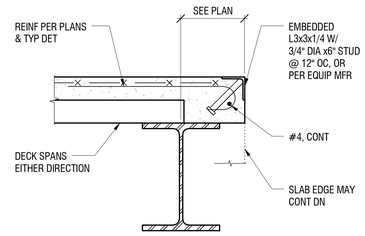


1. WELDING SHALL BE AS FOLLOWS:

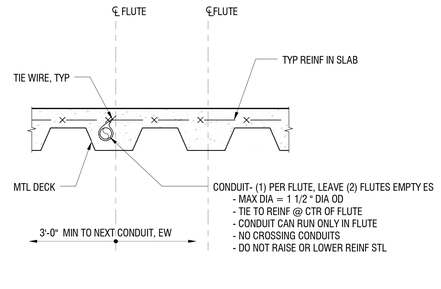
PLATE THICKNESS	WELD SIZE x LENGTH AT SPACING
3/16 " & 1/4 "	3/16 "x2" @ 12" OC
5/16 " & 3/8 "	3/16 "x2" @ 8" OC

2. MATERIAL IS TO BE AS FOLLOWS:
   PLATE MATERIAL - ASTM A36 - Fy = 36 KSI MIN
3. FOR CONDITIONS WHERE SLAB EDGE EXCEEDS 18 INCH OVERHANG, SHORE THE EDGE UNTIL CONCRETE REACHES 28 DAY COMPRESSIVE STRENGTH.
4. AT CONTRACTORS OPTION, ALTERNATE METHODS OF PROVIDING EDGE CONSTRUCTION MAY BE USED AS DESIGNED BY THE CONTRACTOR. PROVIDE SHORING AND FRAMING MATERIALS AS REQUIRED.
5. AT CORNER COLUMNS, USE BOTH DETAILS. EDGE FORM SHALL BE MITERED AND WELDED.
6. AT BLOCKOUTS FOR CLADDING CONNECTIONS, EDGE REINFORCING IS TO BE CONTINUOUS.
7. AT RECESS CONDITIONS, EDGE PLATE HEIGHT TO MATCH THE SLAB HEIGHT AT RECESS.
8. FOR ELEVATOR AND DOCK LEVELER SILLS SEE "TYPICAL ELEVATOR AND DOCK LEVELER SILL" DETAIL.
9. COORDINATE EDGE ANGLE INSERTS FOR CLADDING SUPPORT WITH ARCHITECTURAL DRAWINGS, SUBSTITUTE FOR EDGE FORM WHEN SHOWN ON ARCHITECTURAL.
10. CONSTRUCTION LOAD AT EDGE FORM SHALL NOT EXCEED 20 PSF.
11. 1/4" BENT PLATE EDGE FORM IS REQUIRED AT ROOF LEVEL TO SUPPORT CLADDING. USE WELDS SHOWN IN THIS DETAIL TO ATTACH TO ROOF FRAMING.

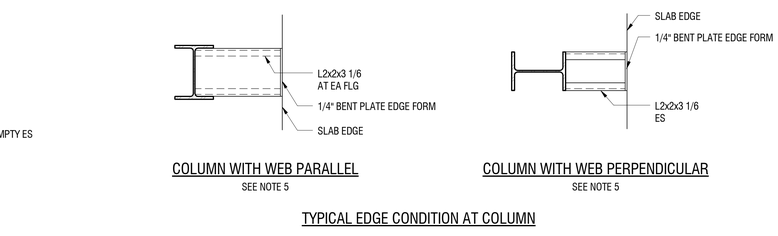
TABLE K
REQUIRED REINFORCNG STEEL AT OVERHANGS:
0" TO 9" NONE REQUIRED
9" TO 16" #4 @ 18"
16" TO 24" #4 @ 12"
24" TO 30" #4 @ 8"



7 TYPICAL DOCK LEVELER AND ELEVATOR SILL

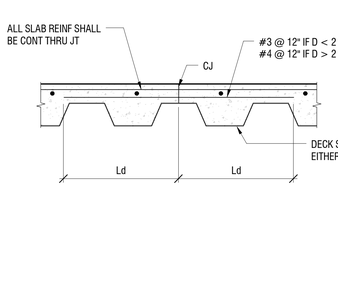


8 TYPICAL CONDUIT IN SLAB ON STEEL DECK



TYPICAL EDGE CONDITION AT COLUMN

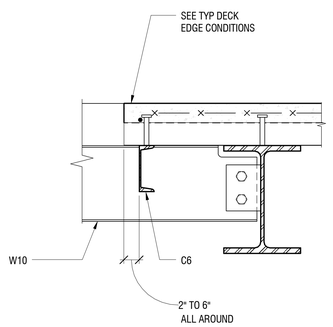
15 TYPICAL DECK EDGE CONDITIONS



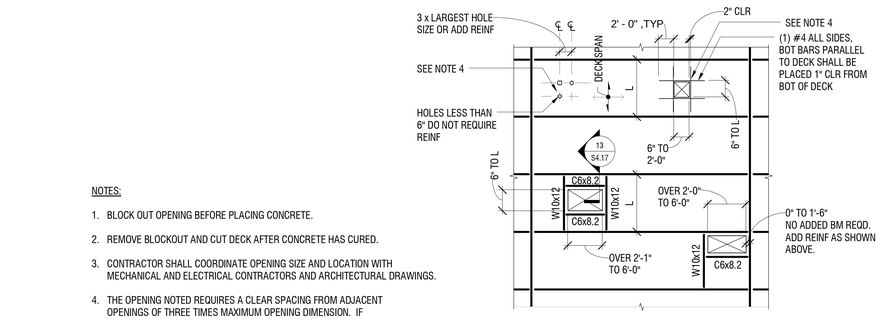
NOTES:

1. SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS TO ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE FORMING.

12 TYPICAL SLAB ON DECK CONTOL JOINT



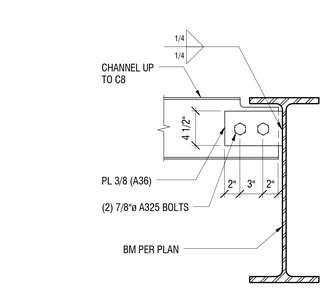
13 TYPICAL FLOOR DECK OPENING SECTION



NOTES:

1. BLOCK OUT OPENING BEFORE PLACING CONCRETE.
2. REMOVE BLOCKOUT AND CUT DECK AFTER CONCRETE HAS CURED.
3. CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS AND ARCHITECTURAL DRAWINGS.
4. THE OPENING NOTED REQUIRES A CLEAR SPACING FROM ADJACENT OPENINGS OF THREE TIMES MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THESE REQUIREMENTS, REINFORCE GROUP AS IF ONE COMBINED PENETRATION.

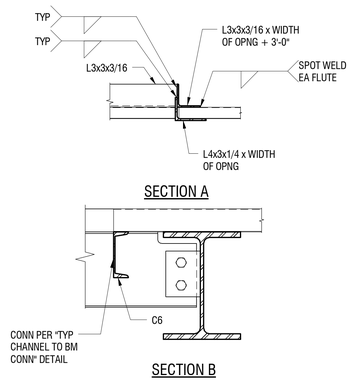
14 TYPICAL FLOOR DECK OPENING 6'-0" AND LESS



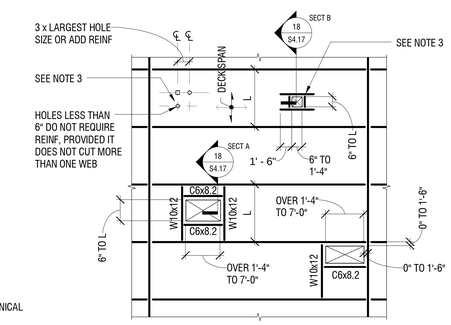
NOTES:

1. PROVIDE THIS DETAIL FOR UP TO C8 CHANNEL ONLY, USE " TYPICAL STEEL CONNECTION, TYPE C1" FOR DEEPER CHANNELS.

17 TYPICAL CHANNEL TO BEAM CONNECTION



18 TYPICAL ROOF DECK OPENING SECTIONS



NOTES:

1. INSTALL REINFORCING BEFORE CUTTING HOLES.
2. CONTRACTOR SHALL COORDINATE OPENING SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL CONTRACTORS.
3. THE OPENING NOTED REQUIRES A CLEAR SPACING FROM ADJACENT OPENINGS OF THREE TIMES MAXIMUM OPENING DIMENSION. IF REQUIRED LAYOUT CANNOT CONFORM TO THESE REQUIREMENTS, REINFORCE GROUP AS IF ONE COMBINED PENETRATION.

19 TYPICAL ROOF DECK OPENING 7'-0" AND LESS

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05-20-2008

SHEET REISSUED FOR CONFORMED SET

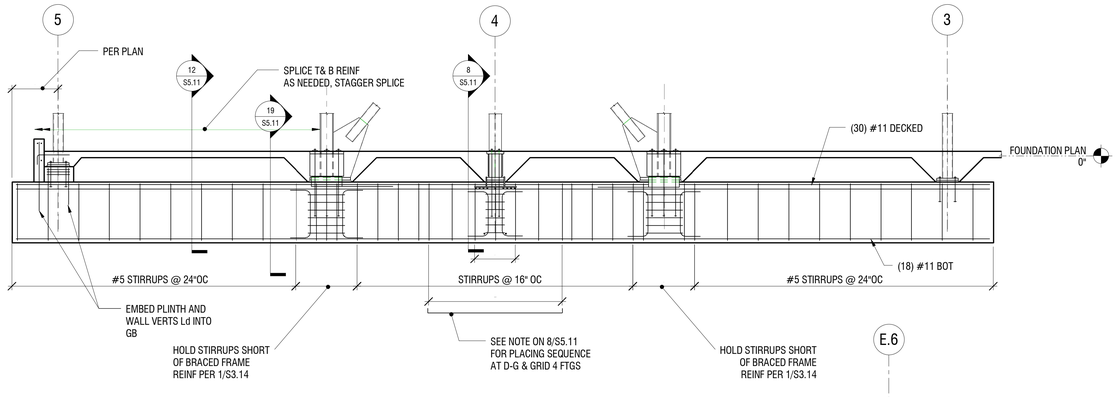
REVISIONS			
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO.	91301.02
DATE	04-23-2008
DRAWN	TWM
REVIEWED	RDA

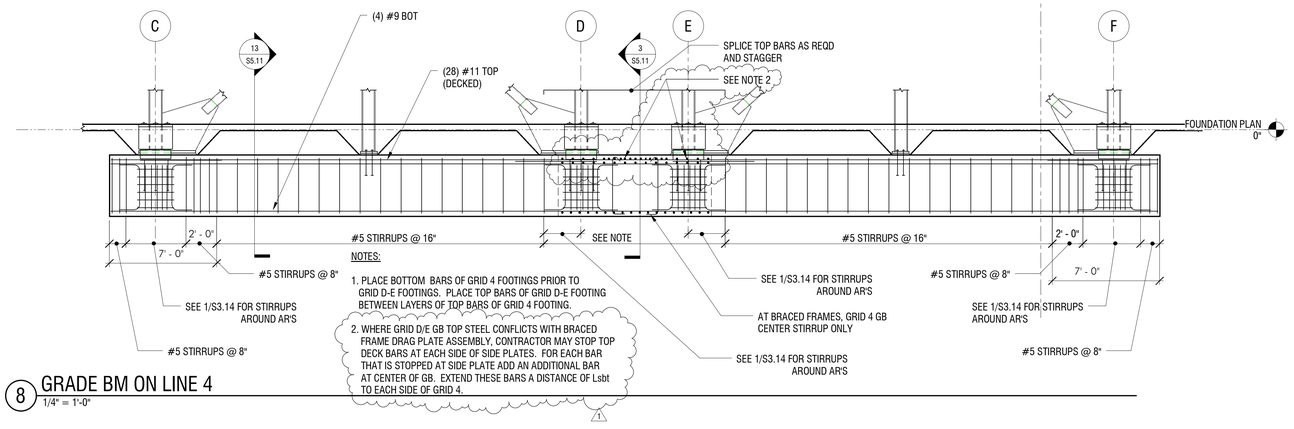
TYPICAL STEEL SECTIONS AND DETAILS

SHEET NO.
S4.17
SCALE: AS SHOWN

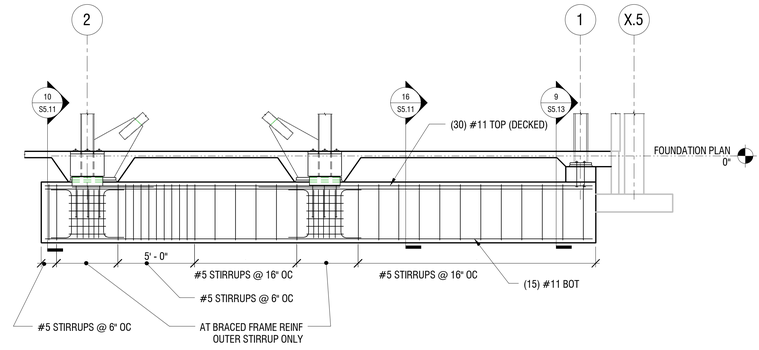
5/21/2008 7:20:04 AM



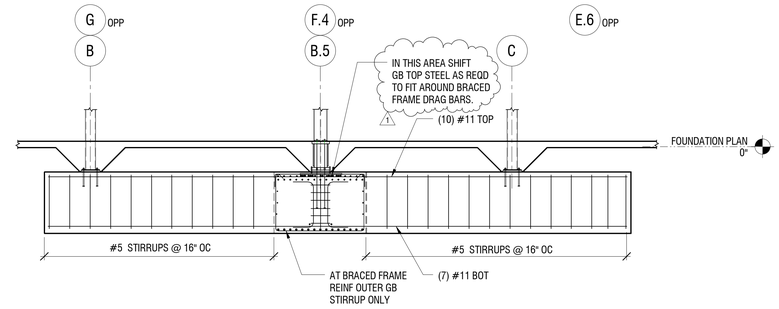
3 GRADE BM ON LINES D & E
1/4" = 1'-0"



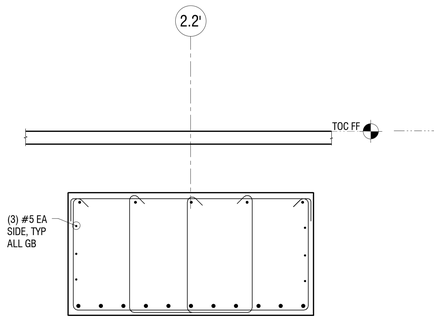
8 GRADE BM ON LINE 4
1/4" = 1'-0"



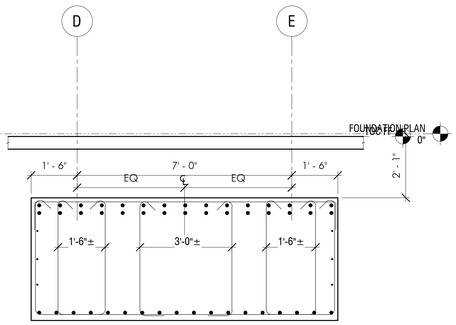
5 GRADE BM ON LINES B.5 & F.4
1/4" = 1'-0"



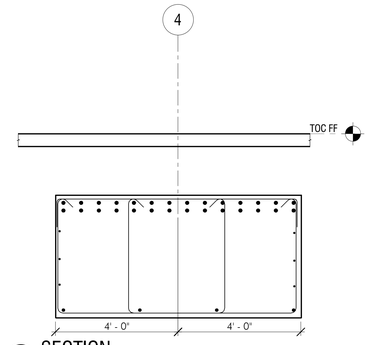
10 GRADE BM ON LINE 2
1/4" = 1'-0"



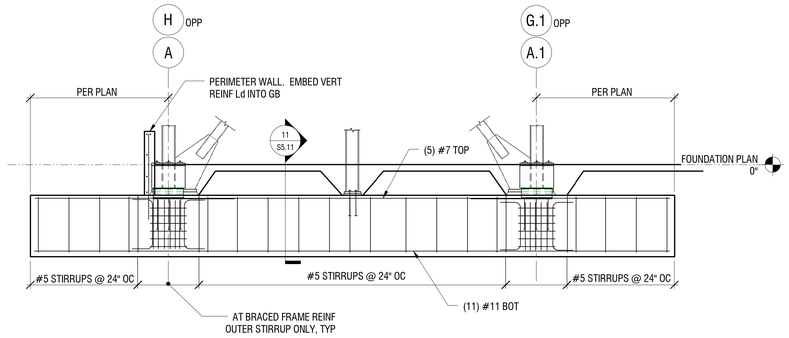
11 SECTION
1/2" = 1'-0"



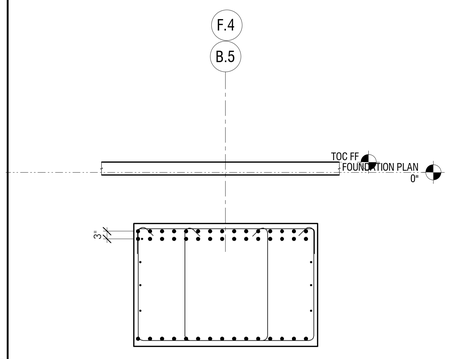
12 SECTION
1/2" = 1'-0"



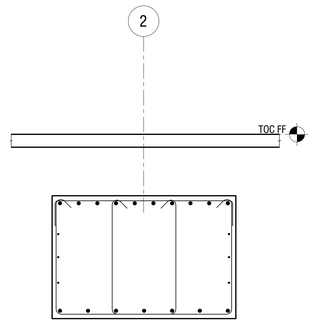
13 SECTION
1/2" = 1'-0"



15 SECTION
1/4" = 1'-0"



16 SECTION
1/2" = 1'-0"



17 SECTION
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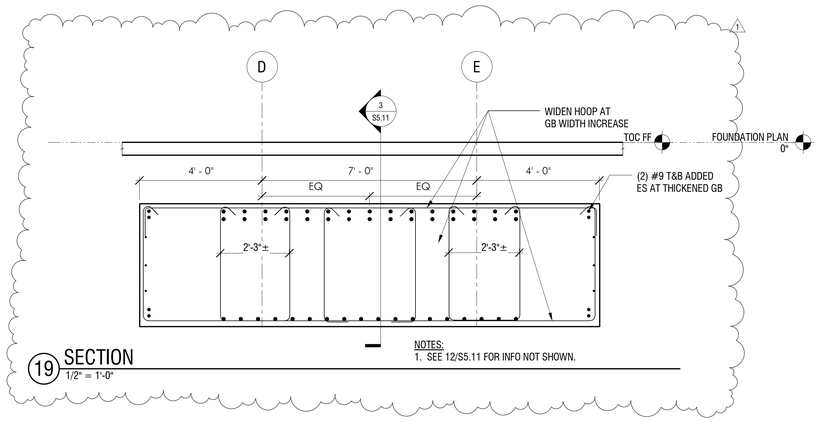

19 SECTION
1/2" = 1'-0"

4/23/2008 11:49:58 AM

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Southcentral Foundation
PCC III Clinic
Anchorage, Alaska

REVISIONS

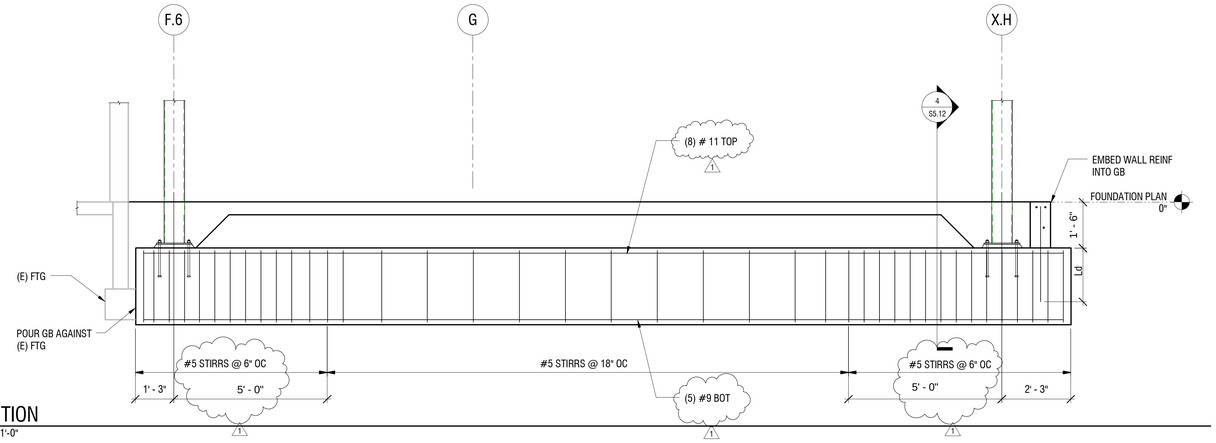
#	Date	Description
1	04-23-08	CONFORMED SET

CONFORMED SET 04-23-2008

JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

FOUNDATION SECTIONS AND DETAILS

SHEET NO.
S5.11
SCALE: AS SHOWN



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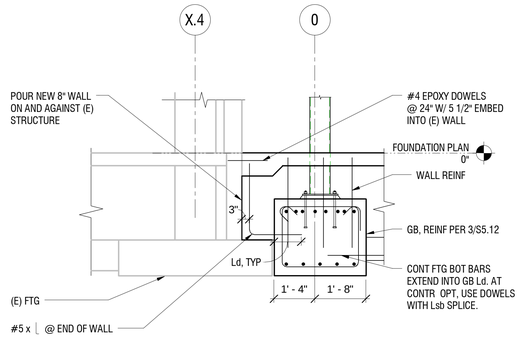
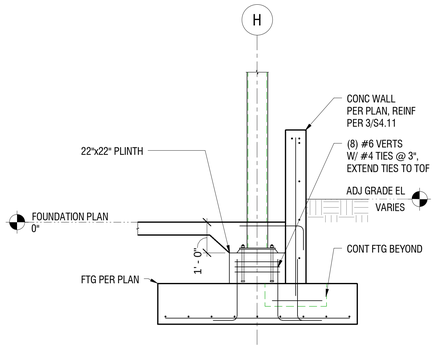
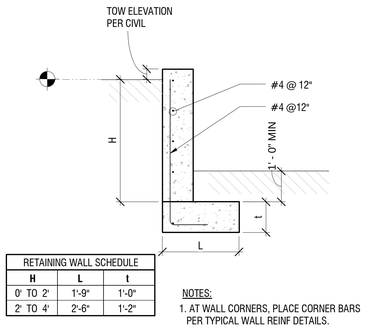


4 SECTION
1/2" = 1'-0"



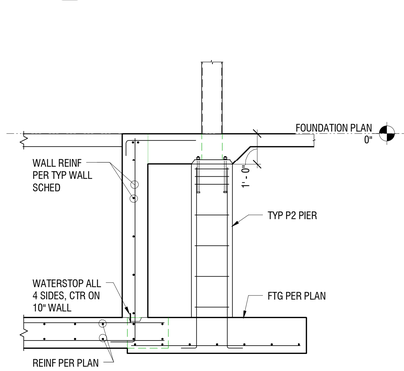
6 SECTION
1/2" = 1'-0"



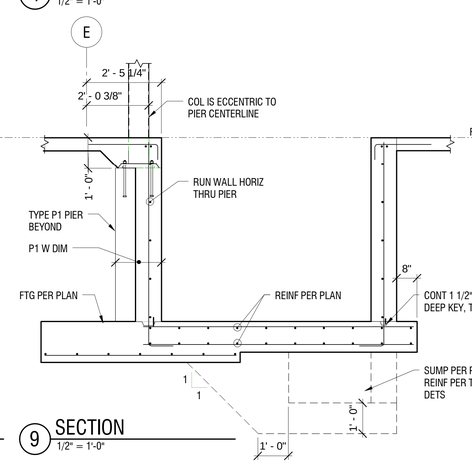
RETAINING WALL SCHEDULE		
H	L	t
0' TO 2'	1'-9"	1'-0"
2' TO 4'	2'-6"	1'-2"

NOTES:
1. AT WALL CORNERS, PLACE CORNER BARS PER TYPICAL WALL REINF DETAILS.

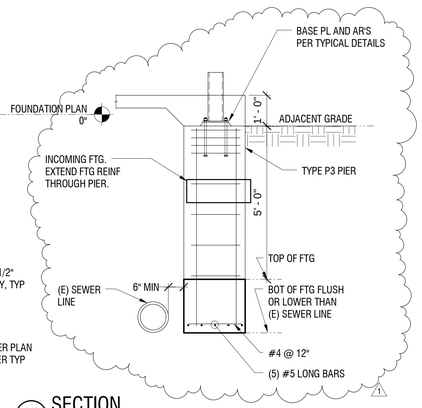
7 SECTION
1/2" = 1'-0"



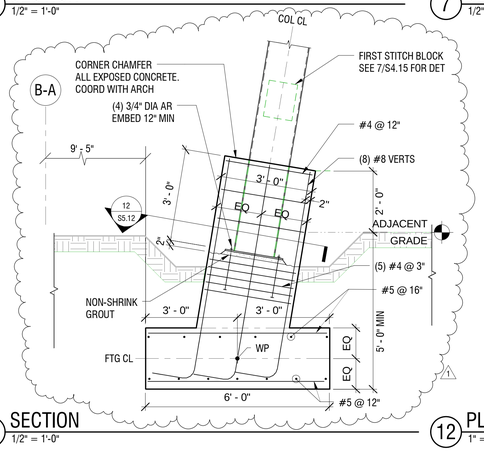
8 SECTION
1/2" = 1'-0"



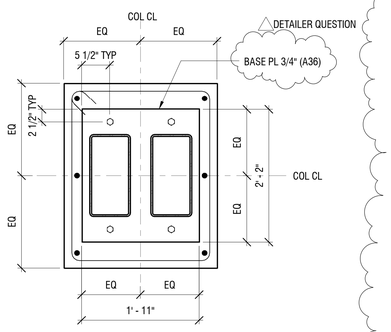
9 SECTION
1/2" = 1'-0"



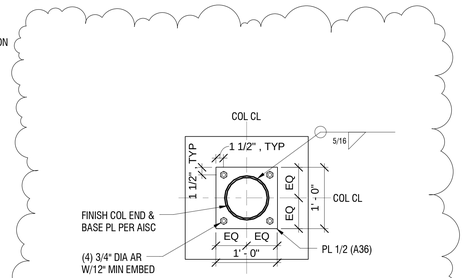
10 SECTION
1/2" = 1'-0"



11 SECTION
1/2" = 1'-0"



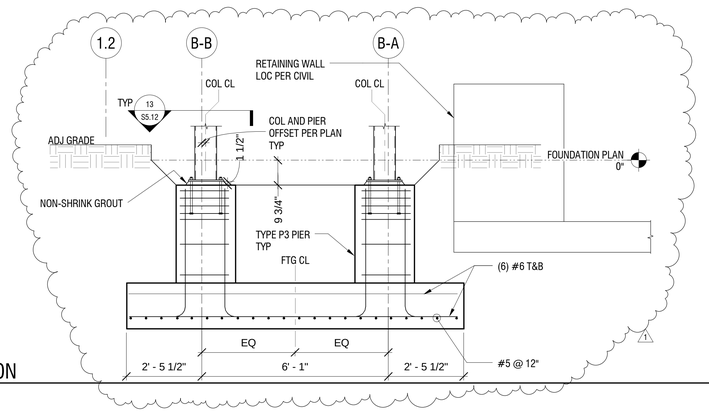
12 PLAN SECTION
1" = 1'-0"



NOTES:
1. ALL WELDS HAVE FIELD WELD OPTION.
2. CONTRACTOR SHALL HOLD BASE PLATE RIGIDLY IN PLACE WHILE GROUTING
3. TIGHTEN ANCHOR BOLTS TO SNUG TIGHT AND TACK WELD NUT TO BOLT TO PREVENT LOOSENING

13 PLAN SECTION
1" = 1'-0"

2 COMMENT #8



15 SECTION
1/2" = 1'-0"

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REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET
2	04-23-08	MOA Review Responses
3	05-20-08	Sheet Reissued 05-20-08

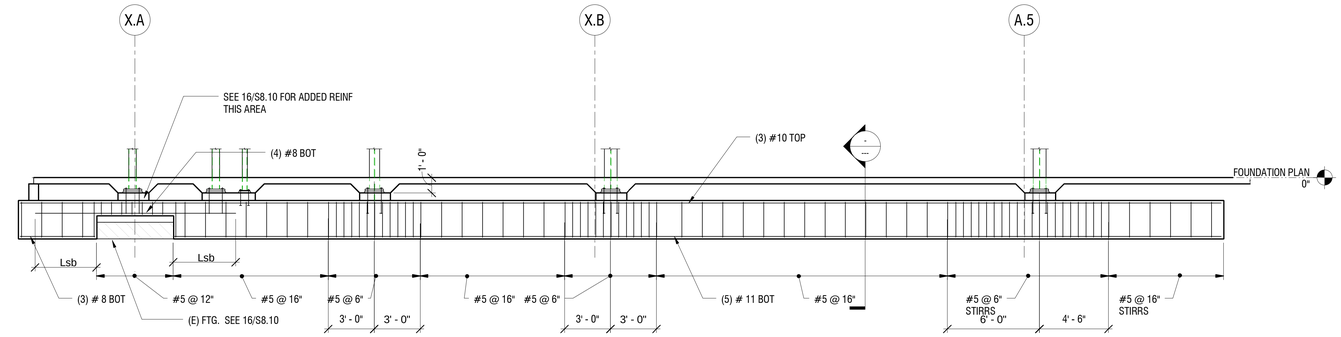
05-20-2008
SHEET REISSUED FOR CONFORMED SET

JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

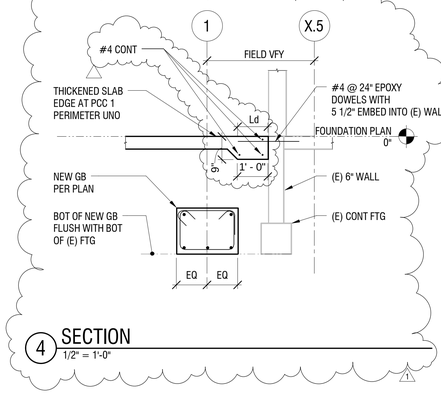
FOUNDATION SECTIONS AND DETAILS

SHEET NO.
S5.12
SCALE: AS SHOWN

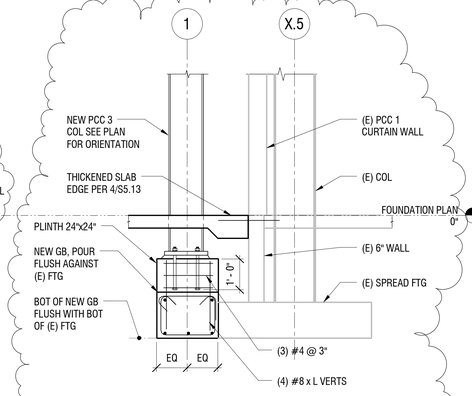
5/21/2008 7:55:36 AM



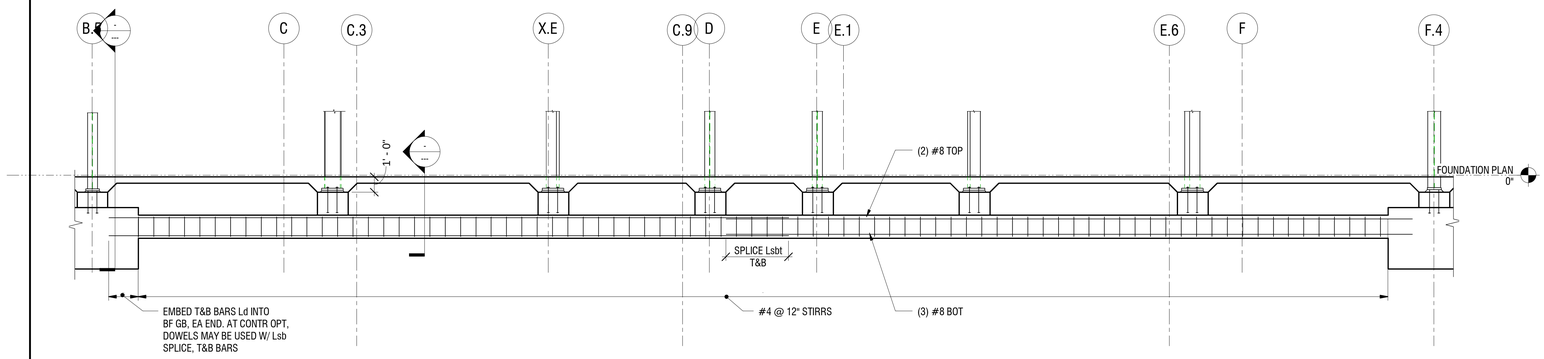
3 SECTION
1/4" = 1'-0"



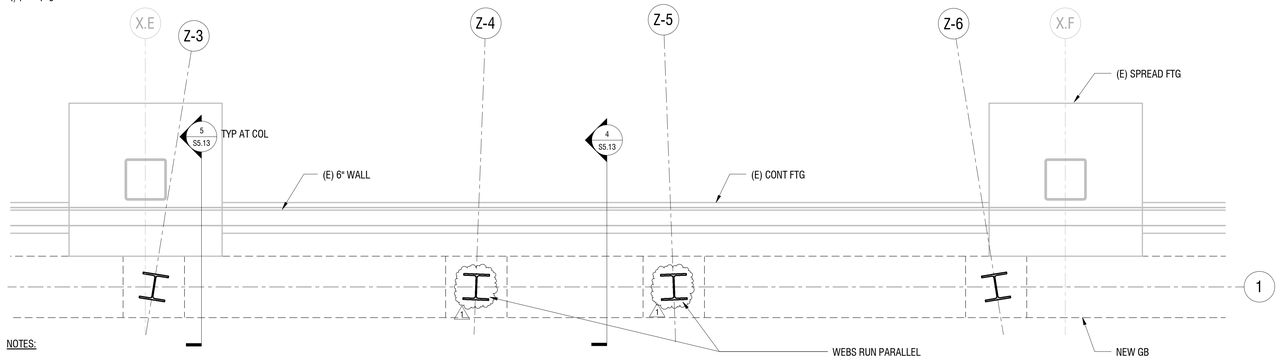
4 SECTION
1/2" = 1'-0"



5 SECTION
1/2" = 1'-0"



9 SECTION
1/4" = 1'-0"



NOTES:

1. THIS PLAN IS THE TYPICAL CONDITION ALONG GRID 1 UNLESS NOTED OTHERWISE.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING STRUCTURE. CONTACT MKA IF FIELD CONDITION DIFFERS FROM THAT SHOWN.
3. COLUMNS AT LENS ALONG GRID 1 ARE LOCATED AT INTERSECTION OF GRID 1 AND RADIAL GRIDS.

13 GRID 1 PARTIAL FOUNDATION PLAN
1/2" = 1'-0"

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05-20-2008

SHEET REISSUED FOR CONFORMED SET

REVISIONS

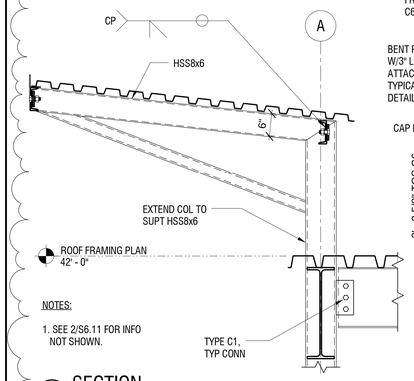
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

FOUNDATION SECTIONS AND DETAILS

SHEET NO.
S5.13
SCALE: AS SHOWN

5/21/2008 7:56:10 AM



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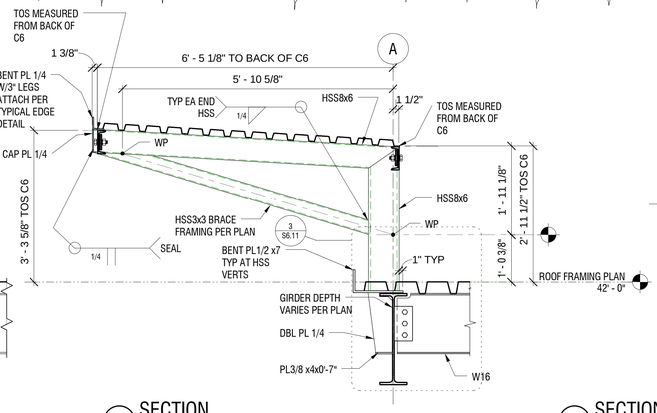
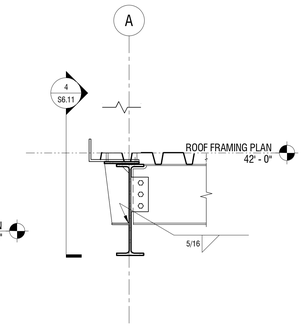
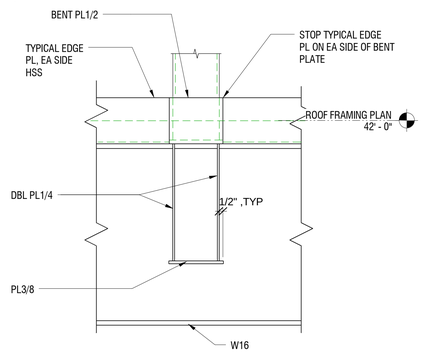


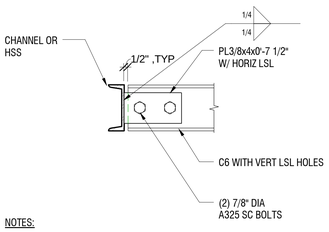
2 SECTION
3/4" = 1'-0"



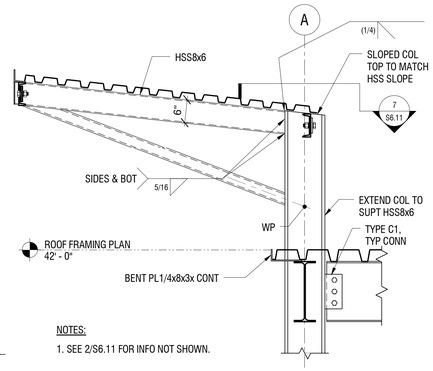
3 SECTION
3/4" = 1'-0"



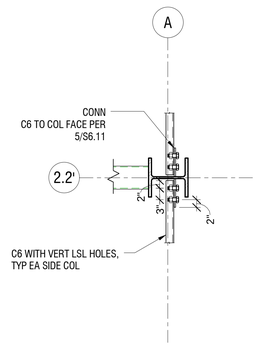
4 SECTION
1 1/2" = 1'-0"



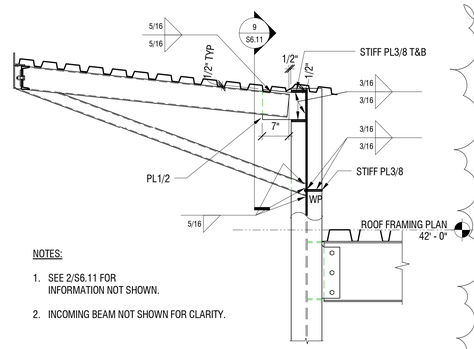
5 SECTION
1 1/2" = 1'-0"



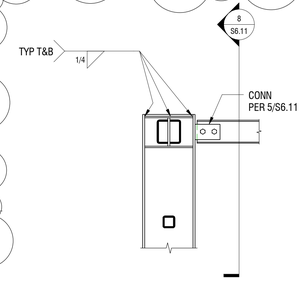
6 SECTION
3/4" = 1'-0"



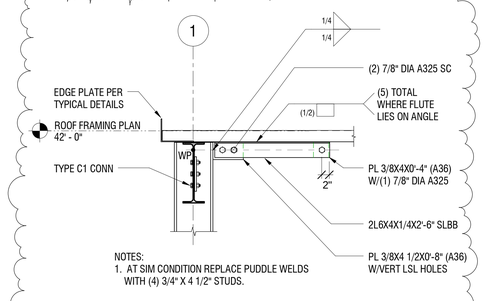
7 PLAN DETAIL
3/4" = 1'-0"



8 SECTION
3/4" = 1'-0"

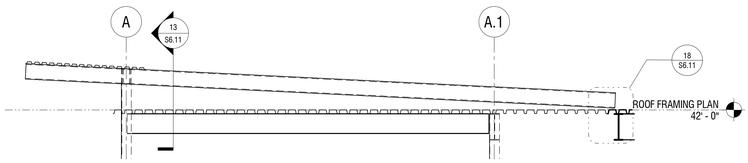


9 SECTION
3/4" = 1'-0"

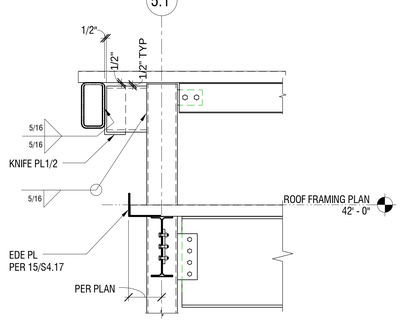


10 SECTION
3/4" = 1'-0"

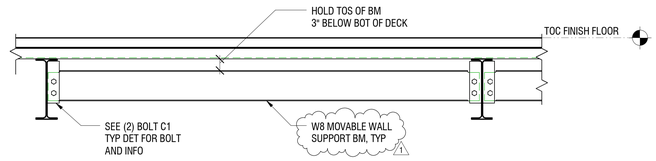
RFI-001
RFI-004



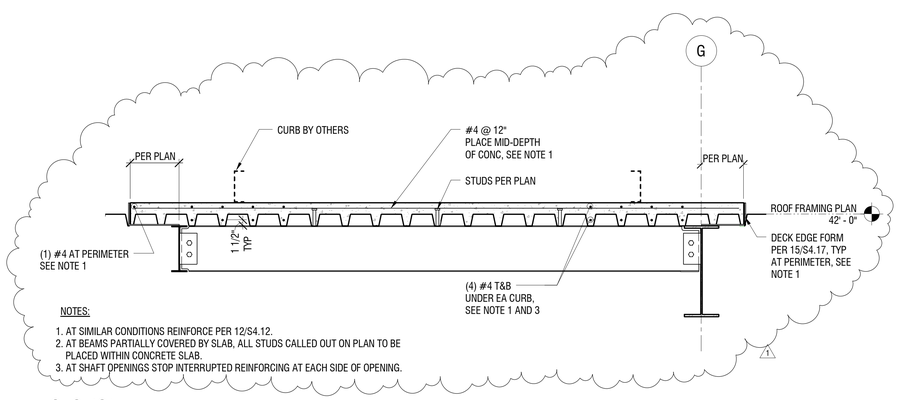
12 SECTION
1/4" = 1'-0"



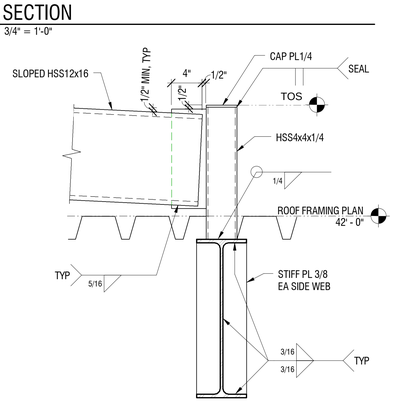
13 SECTION
3/4" = 1'-0"



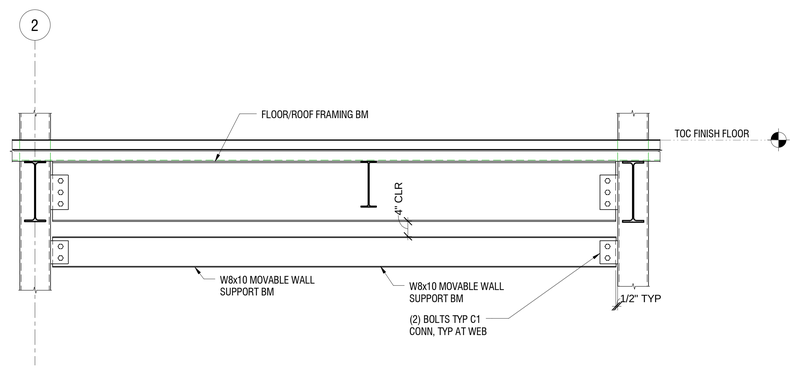
15 TYPICAL MOVABLE WALL SUPPORT BEAM
3/4" = 1'-0"



17 SECTION
3/4" = 1'-0"



18 SECTION
1 1/2" = 1'-0"



20 SECTION
3/4" = 1'-0"

5/21/2008 7:56:43 AM

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Southcentral Foundation
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Anchorage, Alaska

05-20-2008

REVISIONS

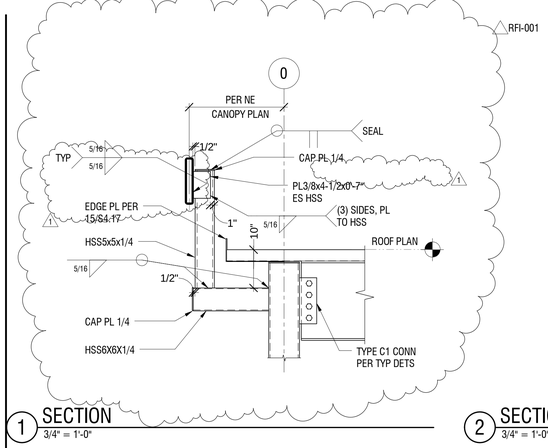
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

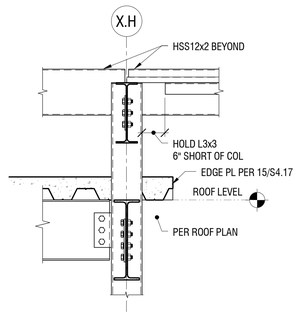
STEEL SECTIONS AND DETAILS

SHEET NO.
S6.11
SCALE: AS SHOWN

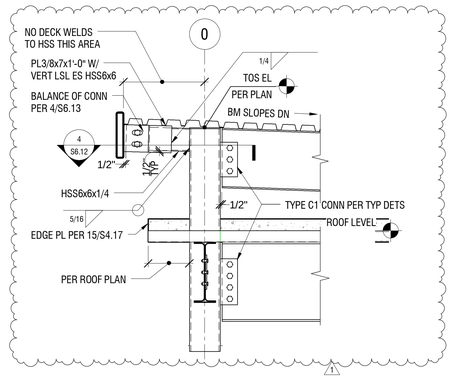
SHEET REISSUED FOR CONFORMED SET



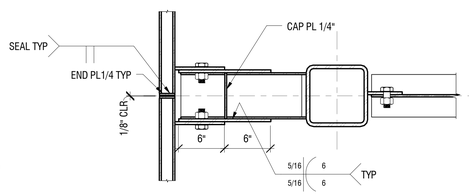
1 SECTION
3/4" = 1'-0"



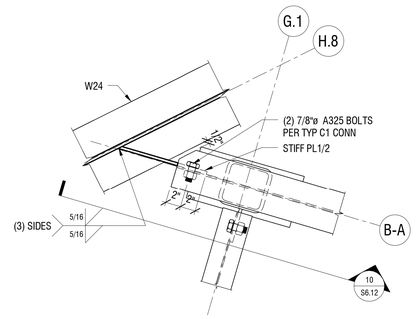
2 SECTION
3/4" = 1'-0"



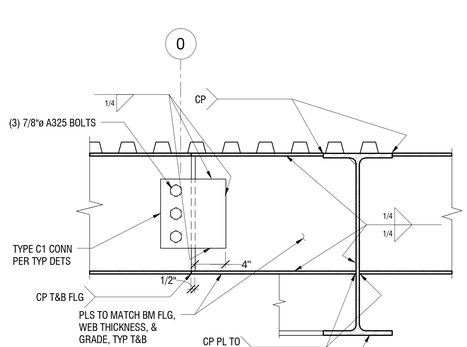
3 SECTION
3/4" = 1'-0"



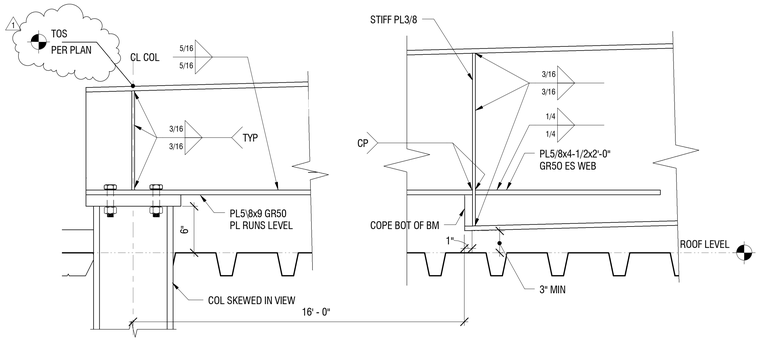
4 SECTION
1 1/2" = 1'-0"



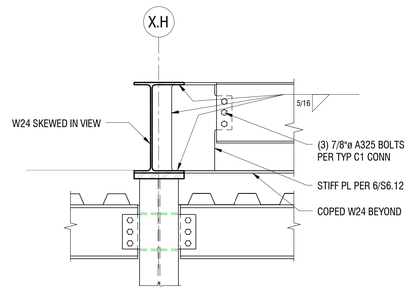
5 PLAN DETAIL
1 1/2" = 1'-0"



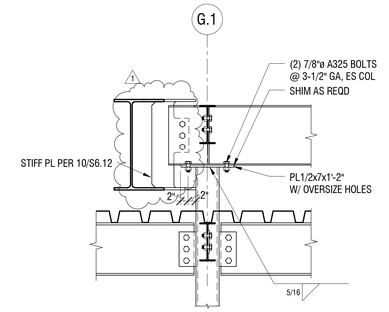
6 PLAN DETAIL
1 1/2" = 1'-0"



8 SECTION
1 1/2" = 1'-0"



9 SECTION
3/4" = 1'-0"



10 SECTION
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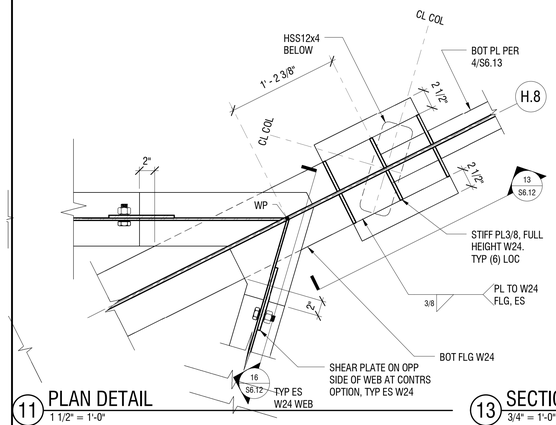
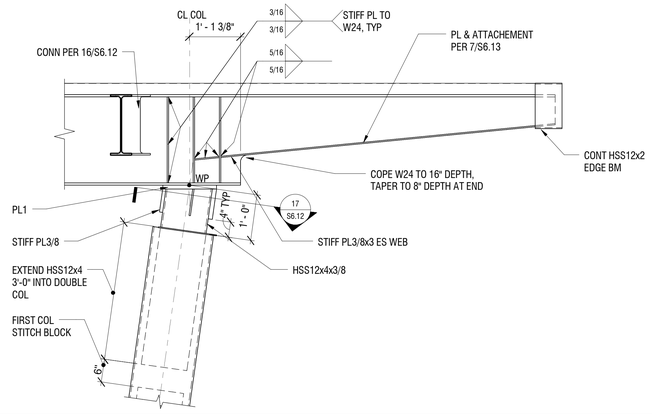
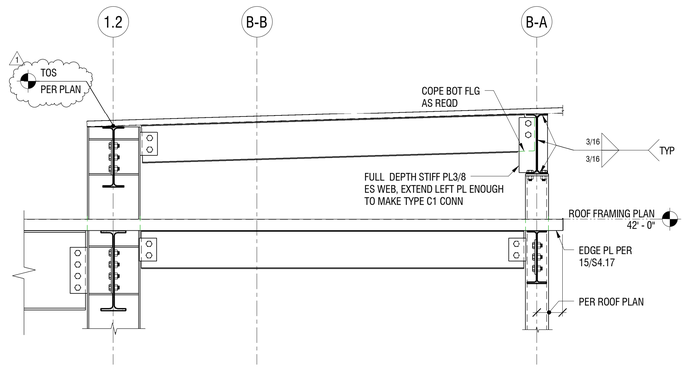


11 PLAN DETAIL
1 1/2" = 1'-0"

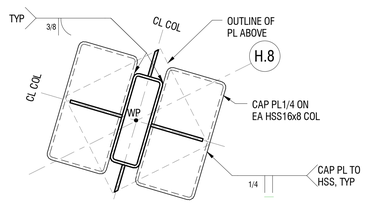


13 SECTION
3/4" = 1'-0"

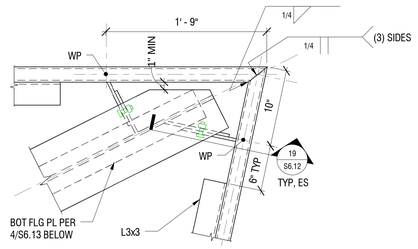


15 SECTION
3/4" = 1'-0"

16 SECTION
1 1/2" = 1'-0"



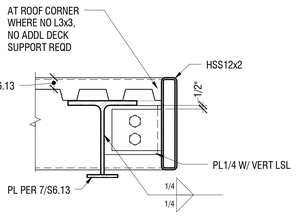
17 PLAN SECTION
1 1/2" = 1'-0"



NOTES:

1. ROOF DECK NOT SHOWN FOR CLARITY

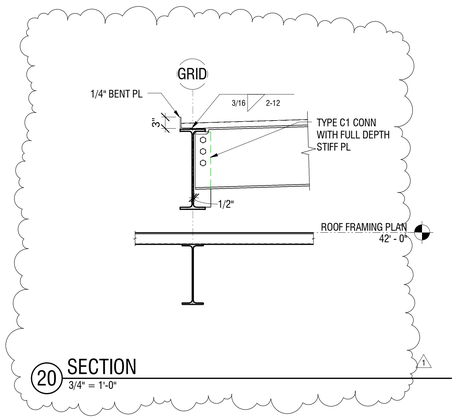
18 PLAN DETAIL
1 1/2" = 1'-0"



NOTES:

1. SEE 4/S6.13 FOR INFORMATION NOT SHOWN.

19 SECTION
1 1/2" = 1'-0"



20 SECTION
3/4" = 1'-0"

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05-20-2008

SHEET REISSUED FOR CONFORMED SET

REVISIONS

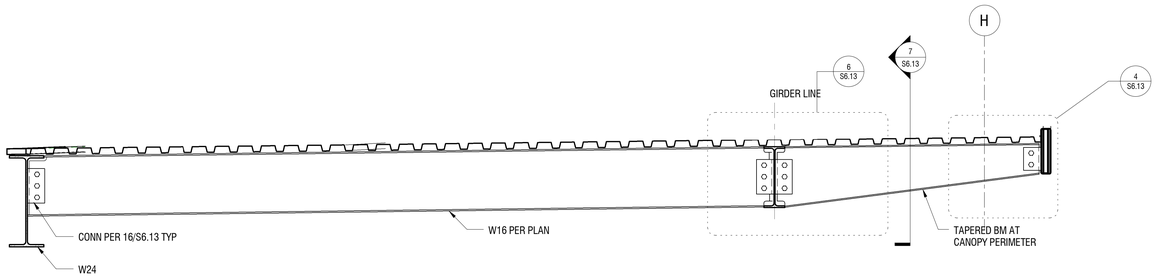
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO.	91301.02
DATE	04-23-2008
DRAWN	TWM
REVIEWED	RDA

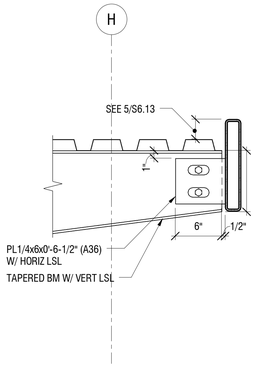
STEEL SECTIONS AND DETAILS

SHEET NO.
S6.12
SCALE: AS SHOWN

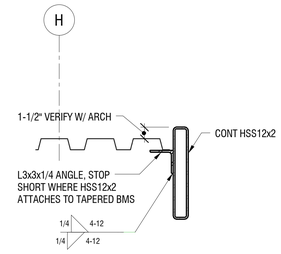
5/21/2008 9:29:59 AM



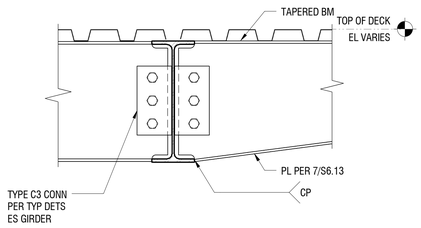
3 TYPICAL TAPERED BEAM AT NE CANOPY ROOF
3/4" = 1'-0"



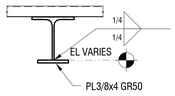
4 SECTION
1 1/2" = 1'-0"



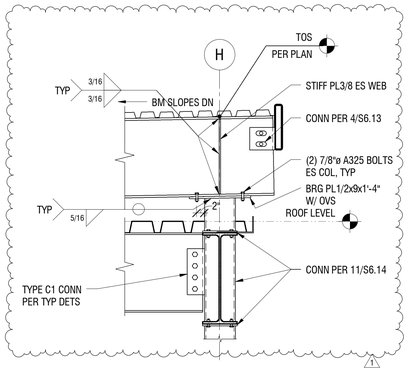
5 SECTION
1 1/2" = 1'-0"



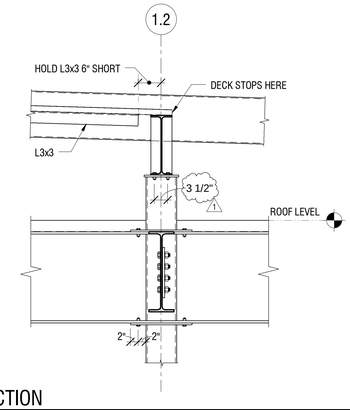
6 SECTION
1 1/2" = 1'-0"



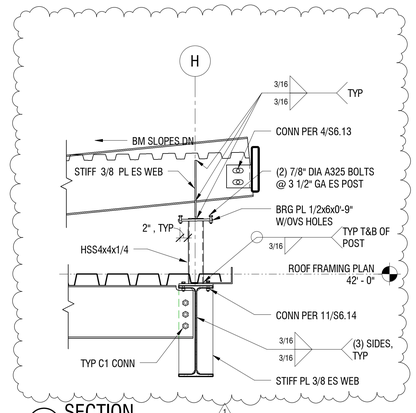
7 SECTION
1 1/2" = 1'-0"



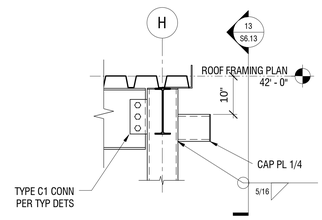
8 SECTION
3/4" = 1'-0"



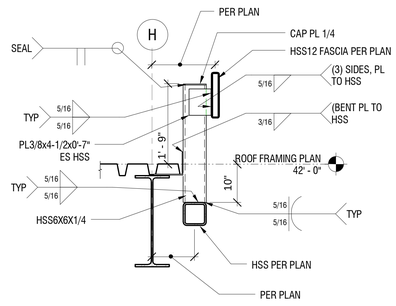
9 SECTION
3/4" = 1'-0"



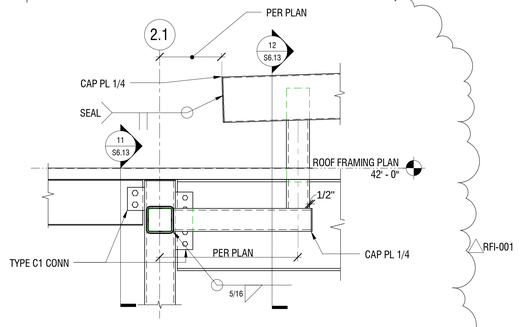
10 SECTION
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



13 SECTION
3/4" = 1'-0"

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05-20-2008

SHEET REISSUED FOR CONFORMED SET

REVISIONS

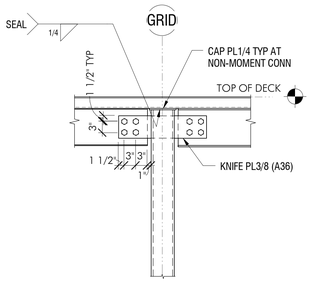
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO.	91301.02
DATE	04-23-2008
DRAWN	TWM
REVIEWED	RDA

STEEL SECTIONS AND DETAILS

SHEET NO.
S6.13
SCALE: AS SHOWN

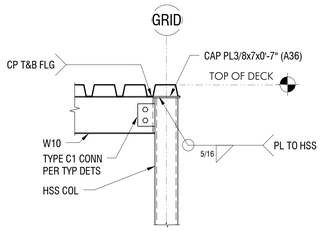
5/21/2008 7:58:30 AM



NOTES:

1. SEE 3/S6.14 FOR INOFRMATION NOT SHOWN.

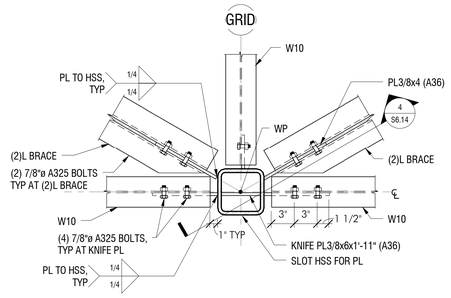
1 SECTION
3/4" = 1'-0"



NOTES:

1. INCOMING BEAM NOT SHOWN FOR CLARITY

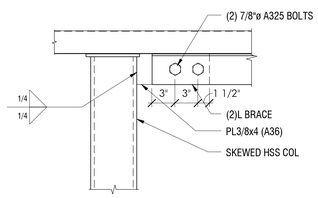
2 SECTION
3/4" = 1'-0"



NOTES:

1. HSS COLUMN CAP PLATE NOT SHOWN FOR CLARITY.

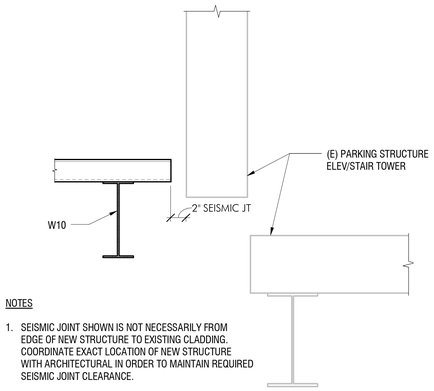
3 PLAN DETAIL
1 1/2" = 1'-0"



NOTES:

1. INCOMING W10 BEAM NOT SHOWN FOR CLARITY.

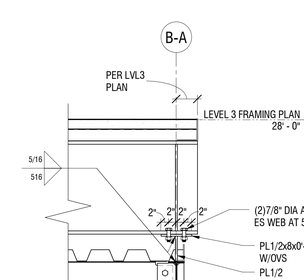
4 SECTION
1 1/2" = 1'-0"



NOTES

1. SEISMIC JOINT SHOWN IS NOT NECESSARILY FROM EDGE OF NEW STRUCTURE TO EXISTING CLADDING. COORDINATE EXACT LOCATION OF NEW STRUCTURE WITH ARCHITECTURAL IN ORDER TO MAINTAIN REQUIRED SEISMIC JOINT CLEARANCE.

5 SECTION
1 1/2" = 1'-0"



7 SECTION
3/4" = 1'-0"

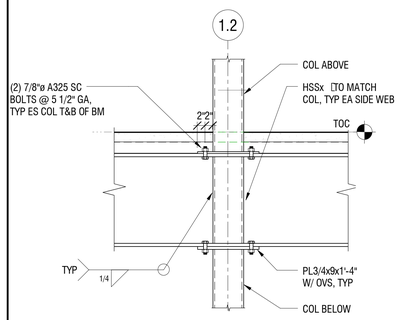
8 SECTION
3/4" = 1'-0"

9 SECTION
3/4" = 1'-0"

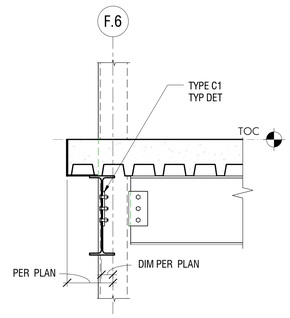
NOTES

1. SEISMIC JOINT SHOWN IS NOT NECESSARILY FROM EDGE OF NEW STRUCTURE TO EXISTING CLADDING. COORDINATE EXACT LOCATION OF NEW STRUCTURE WITH ARCHITECTURAL IN ORDER TO MAINTAIN REQUIRED SEISMIC JOINT CLEARANCE.

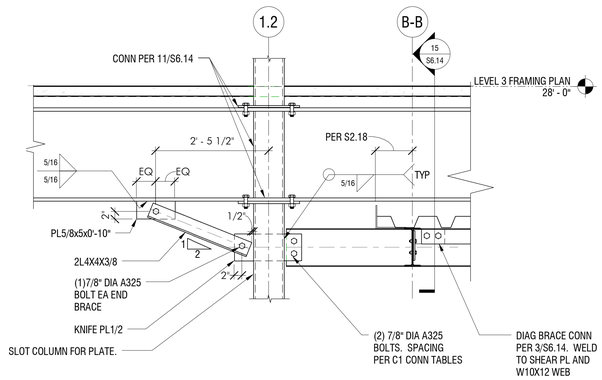
10 SECTION
1 1/2" = 1'-0"



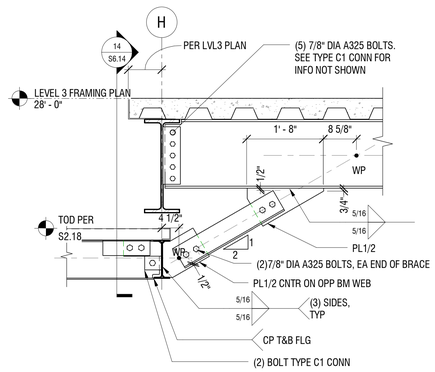
11 SECTION
3/4" = 1'-0"



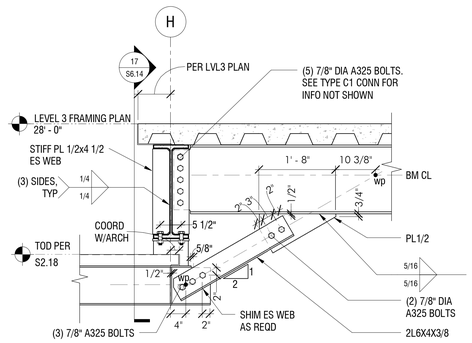
12 SECTION
3/4" = 1'-0"



14 SECTION
3/4" = 1'-0"



15 SECTION
3/4" = 1'-0"



16 SECTION
3/4" = 1'-0"

17 SECTION
3/4" = 1'-0"

4/23/2008 11:53:02 AM

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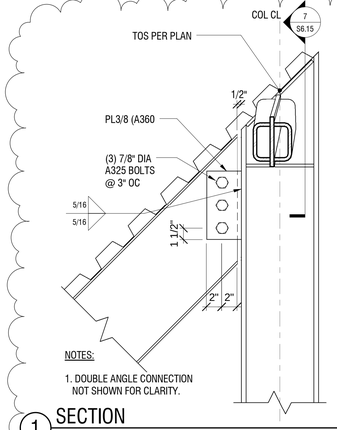
REVISIONS		
#	Date	Description
1	04-23-08	CONFORMED SET

JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

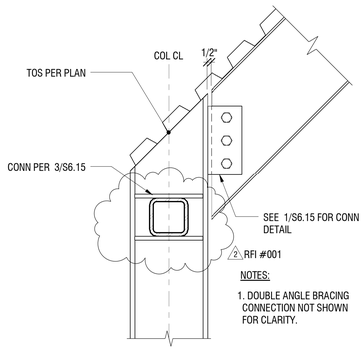
CONFORMED SET 04-23-2008

STEEL SECTIONS AND DETAILS

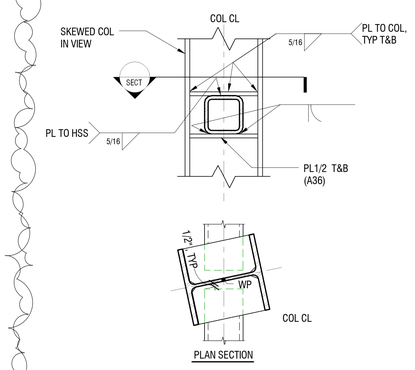
SHEET NO.
S6.14
SCALE: AS SHOWN



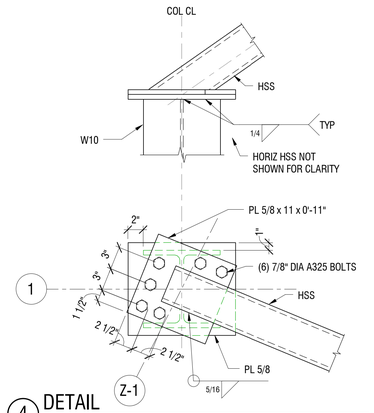
1 SECTION
1 1/2" = 1'-0"



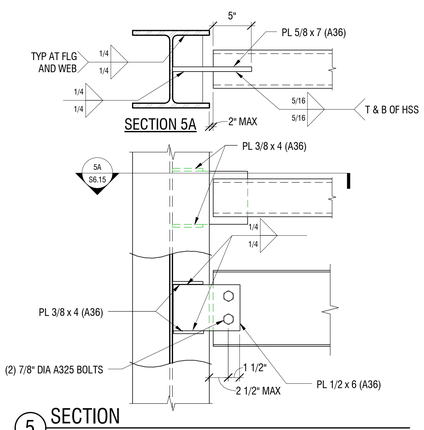
2 SECTION
1 1/2" = 1'-0"



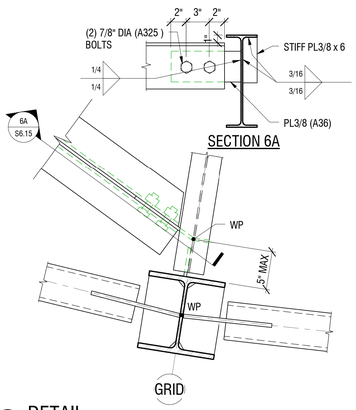
3 SECTION
1 1/2" = 1'-0"



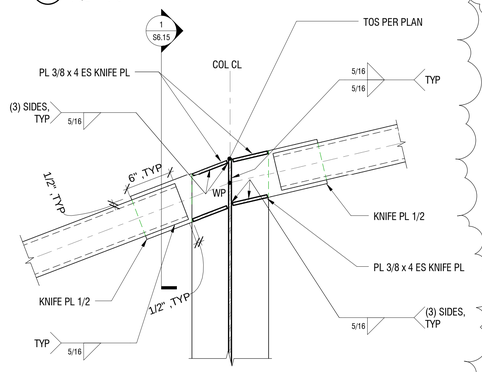
4 DETAIL
1 1/2" = 1'-0"



5 SECTION
1 1/2" = 1'-0"

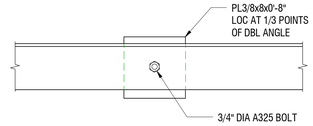


6 DETAIL
1 1/2" = 1'-0"

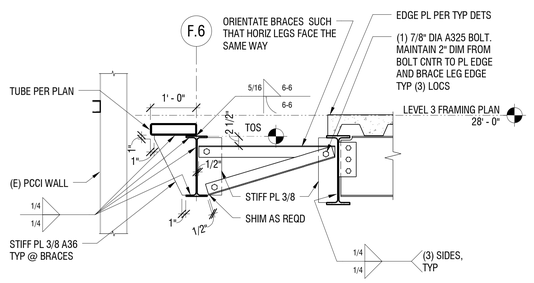


7 SECTION
1 1/2" = 1'-0"

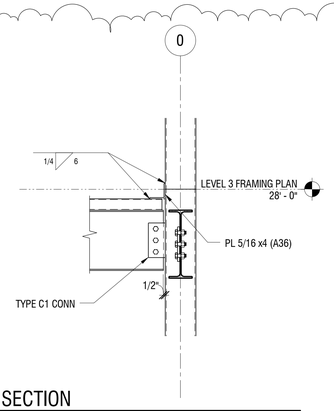
RFI-001



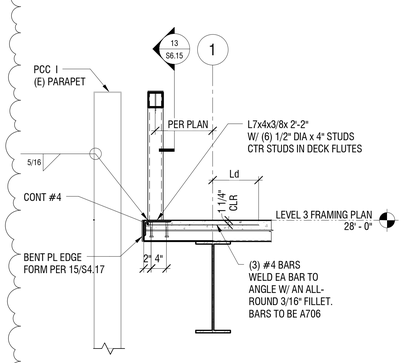
8 TYPICAL DOUBLE ANGLE STICH PLATE
1 1/2" = 1'-0"



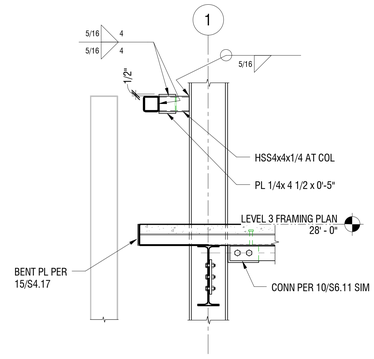
9 SECTION
3/4" = 1'-0"



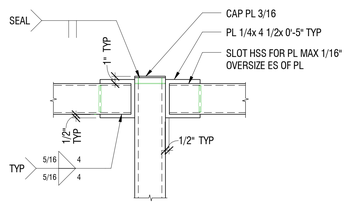
10 SECTION
3/4" = 1'-0"



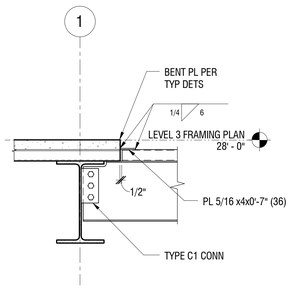
11 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



13 SECTION
1 1/2" = 1'-0"



14 SECTION
3/4" = 1'-0"

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SHEET REISSUED FOR CONFORMED SET 05-20-2008

REVISIONS

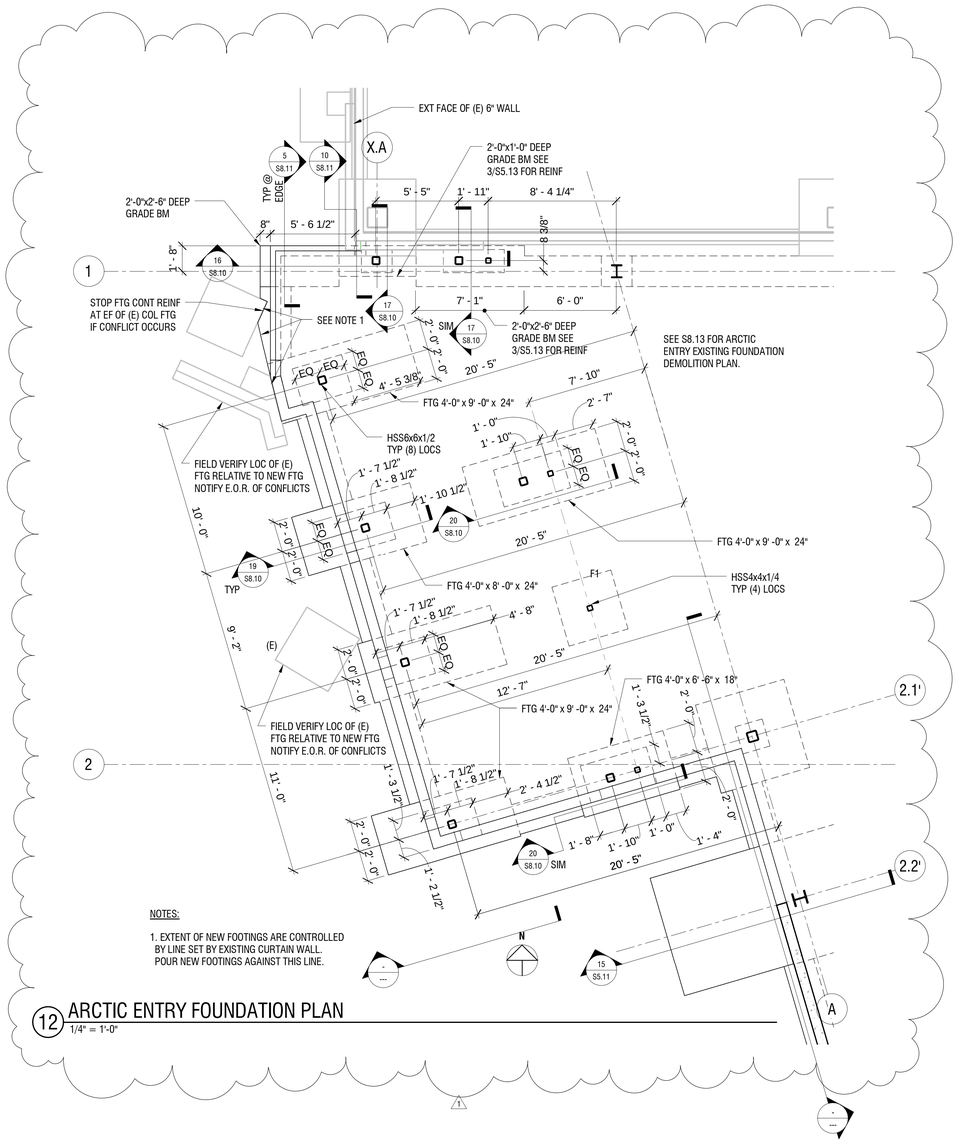
#	Date	Description
1	04-23-08	CONFORMED SET
2	05-20-08	Sheet Reissued 05-20-08

JOB NO. 91301.02
DATE 04-23-2008
DRAWN TWM
REVIEWED RDA

STEEL SECTIONS AND DETAILS

SHEET NO.
S6.15
SCALE: AS SHOWN

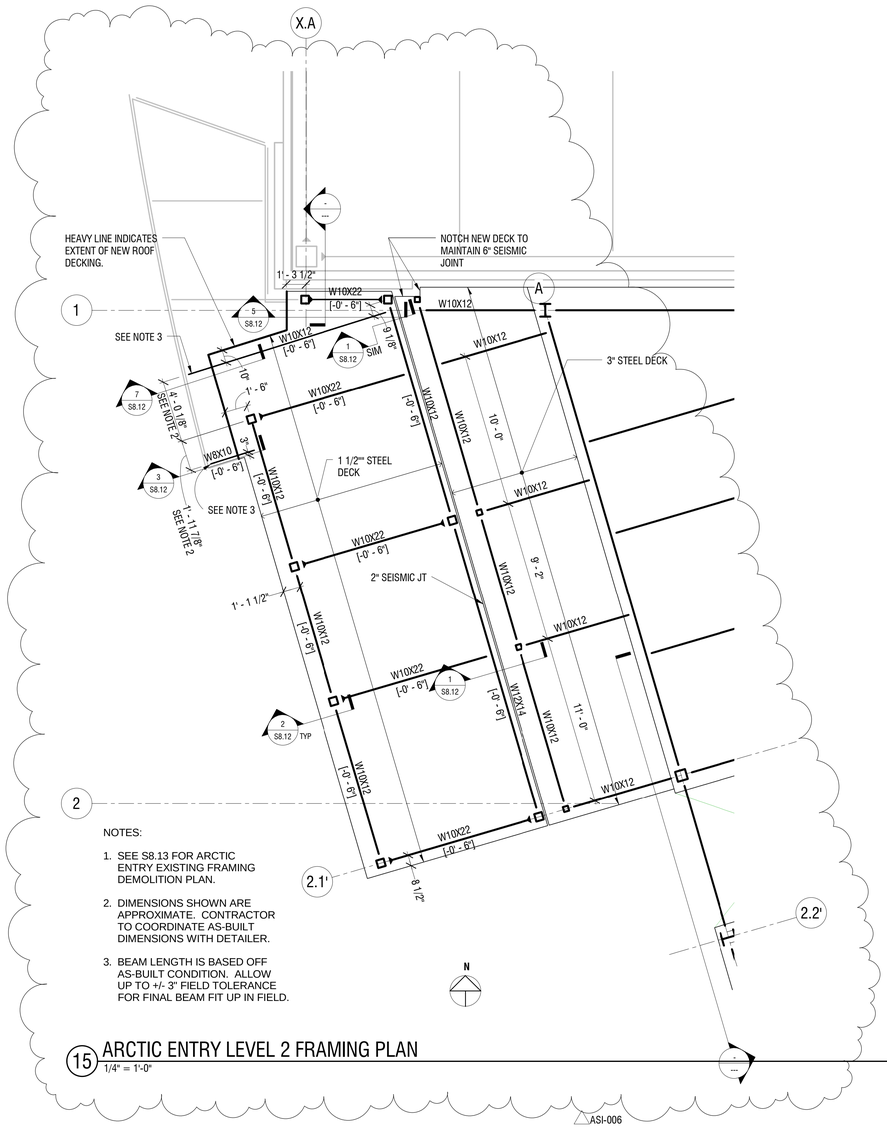
5/21/2008 7:56:15 AM



NOTES:

1. EXTENT OF NEW FOOTINGS ARE CONTROLLED BY LINE SET BY EXISTING CURTAIN WALL. POUR NEW FOOTINGS AGAINST THIS LINE.

12 ARCTIC ENTRY FOUNDATION PLAN
1/4" = 1'-0"

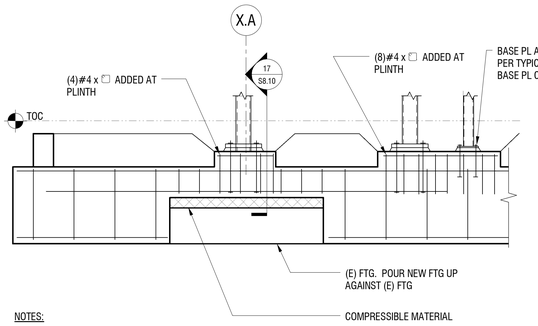


NOTES:

1. SEE S8.13 FOR ARCTIC ENTRY EXISTING FRAMING DEMOLITION PLAN.
2. DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO COORDINATE AS-BUILT DIMENSIONS WITH DETAILER.
3. BEAM LENGTH IS BASED OFF AS-BUILT CONDITION. ALLOW UP TO +/- 3" FIELD TOLERANCE FOR FINAL BEAM FIT UP IN FIELD.

15 ARCTIC ENTRY LEVEL 2 FRAMING PLAN
1/4" = 1'-0"

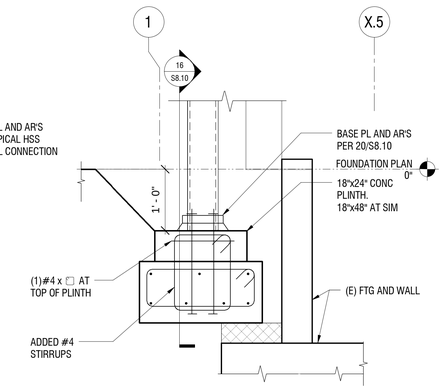
ASI-006



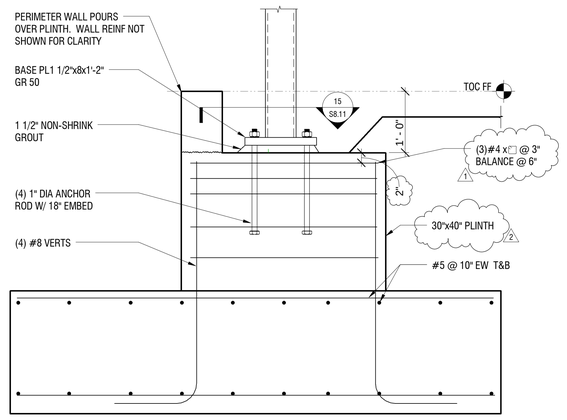
NOTES:

1. SEE 3/S5.13 FOR BALANCE OF GRADE BEAM REINF.

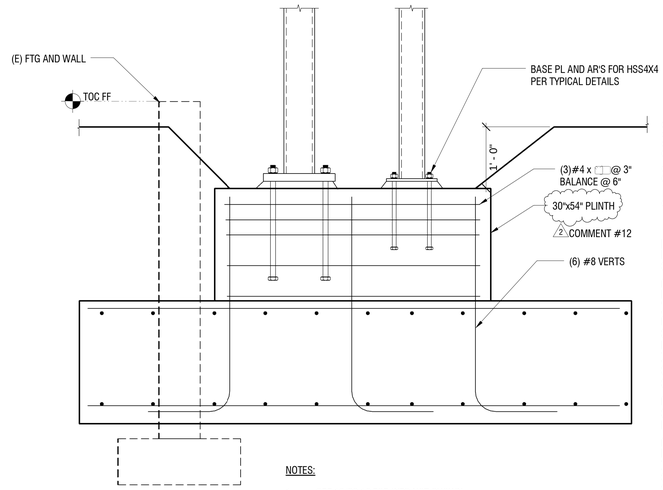
16 SECTION
1/2" = 1'-0"



17 SECTION
1" = 1'-0"



19 SECTION
1" = 1'-0"



NOTES:

1. SEE 19/S8.10 FOR INFO NOT SHOWN

20 SECTION
1" = 1'-0"

5/21/2008 8:01:23 AM

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SHEET REISSUED FOR CONFORMED SET 05-20-2008

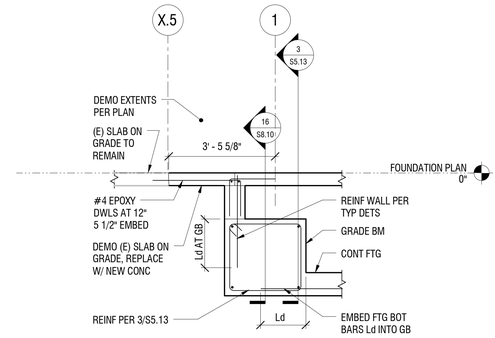
REVISIONS

#	Date	Description
1	04-23-08	CONFORMED SET
2	04-23-08	MOA Review Responses
3	05-20-08	Sheet Reissued 05-20-08

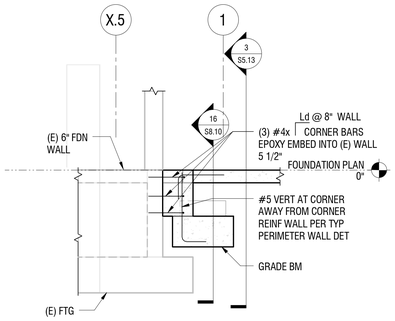
JOB NO.	91301.02
DATE	04-23-2008
DRAWN	JDY
REVIEWED	RDA

ARCTIC ENTRY PARTIAL PLANS, SECTIONS AND DETAILS

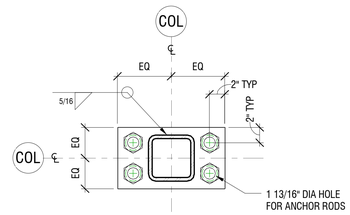
SHEET NO.
S8.10
SCALE: AS SHOWN



5 SECTION
1/2" = 1'-0"



10 SECTION
1/2" = 1'-0"



15 SECTION
1 1/2" = 1'-0"

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REVISIONS

#	Date	Description

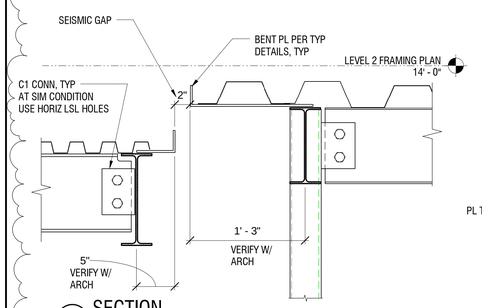
JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

ARCTIC ENTRY SECTIONS AND DETAILS

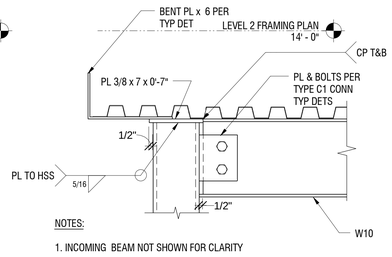
SHEET NO.
S8.11
SCALE: AS SHOWN

CONFORMED SET 04-23-2008

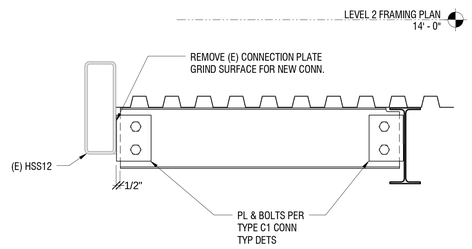
4/23/2008 11:05:08 AM



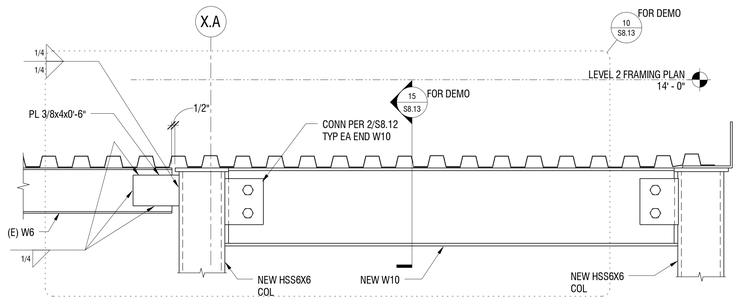
1 SECTION
1 1/2" = 1'-0"



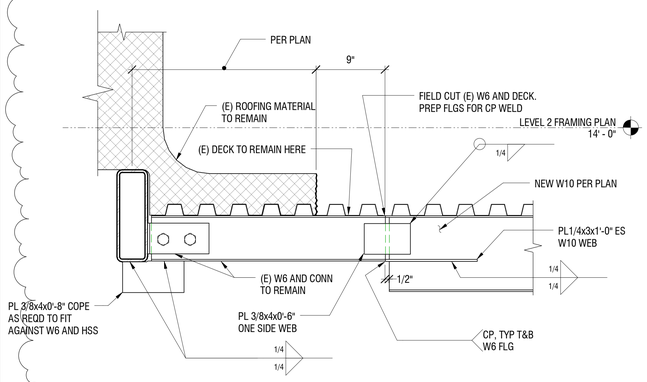
2 SECTION
1 1/2" = 1'-0"



3 SECTION
1 1/2" = 1'-0"



5 SECTION
1 1/2" = 1'-0"



7 SECTION
1 1/2" = 1'-0"

△ASI-006

5/21/2008 8:03:03 AM

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REVISIONS

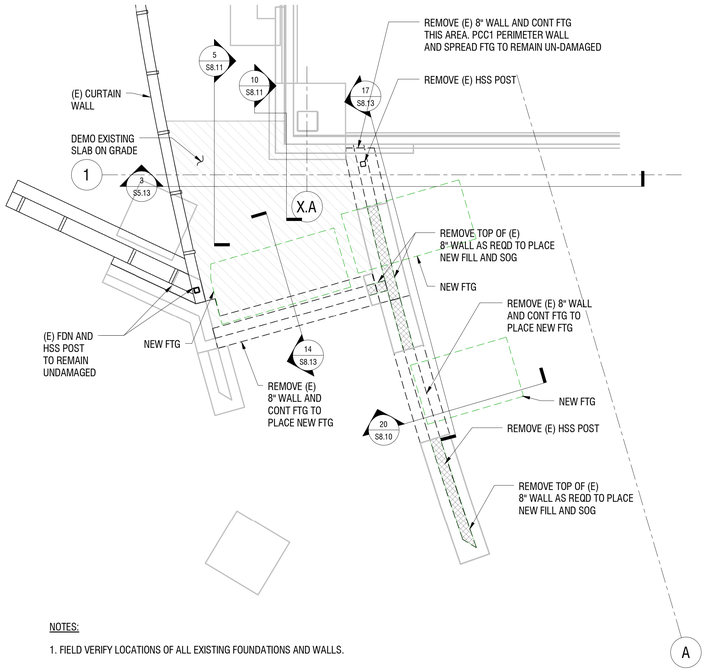
#	Date	Description
1	05-20-08	Sheet Reissued 05-20-08

SHEET REISSUED FOR CONFORMED SET 05-20-2008

JOB NO. 91301.02
DATE 04-23-2008
DRAWN JDY
REVIEWED RDA

ARCTIC ENTRY SECTIONS AND DETAILS

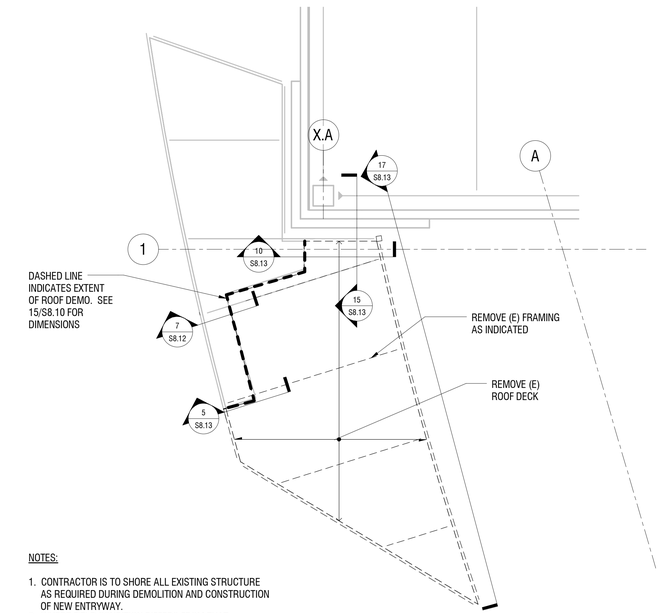
SHEET NO.
S8.12
SCALE: AS SHOWN



NOTES:

1. FIELD VERIFY LOCATIONS OF ALL EXISTING FOUNDATIONS AND WALLS.

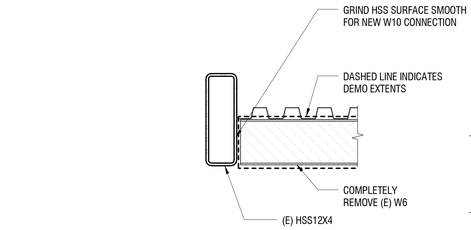
7 ARTIC ENTRY FOUNDATION DEMO PLAN
1/4" = 1'-0"



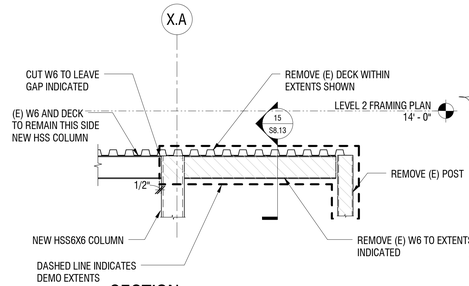
NOTES:

1. CONTRACTOR IS TO SHORE ALL EXISTING STRUCTURE AS REQUIRED DURING DEMOLITION AND CONSTRUCTION OF NEW ENTRYWAY.
2. WHERE FIELD CONDITION DIFFERS FROM THAT SHOWN ON DRAWINGS SUCH THAT DETAILS AND PLANS ARE NO LONGER APPLICABLE, CONTRACTOR IS TO NOTIFY EOR FOR FURTHER RECOMMENDATION.

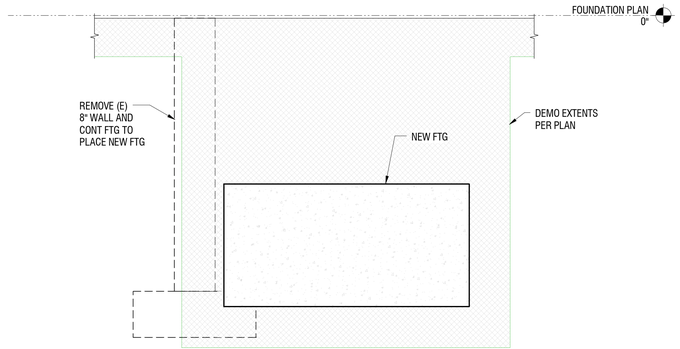
9 ARCTIC ENTRY ROOF FRAMING DEMO PLAN
1/4" = 1'-0"



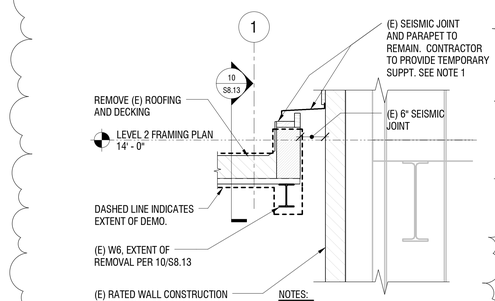
5 SECTION
1 1/2" = 1'-0"



10 SECTION
3/4" = 1'-0"



14 SECTION
1" = 1'-0"

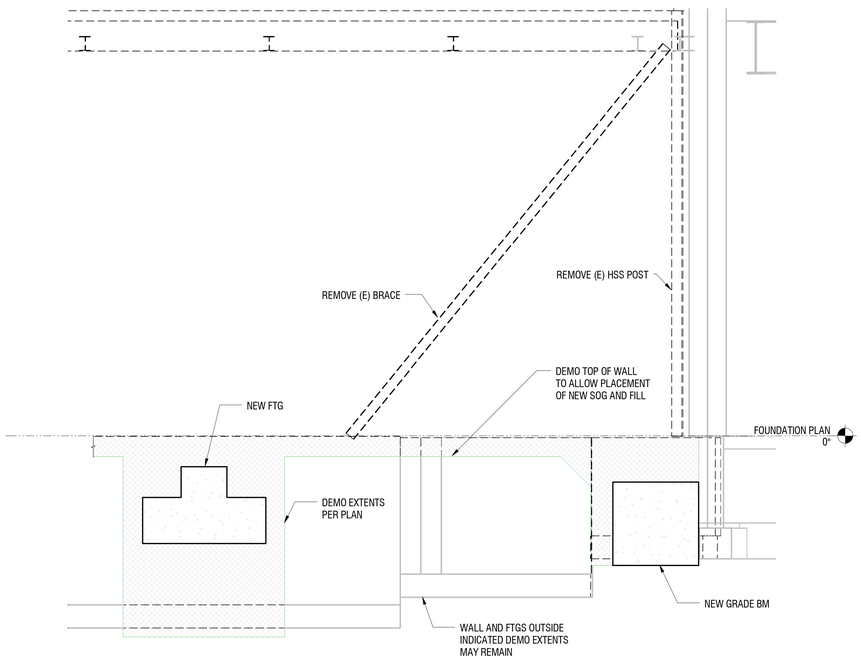


NOTES:

1. CONTRACTOR MAY DECIDE ACTUAL EXTENT OF DEMO IN THIS AREA. PRIOR TO DEMO CONTRACTOR TO SUBMIT SKETCHES INDICATING TOTAL PROPOSED DEMO EXTENT.

15 SECTION
3/4" = 1'-0"

ASI-006



17 SECTION
1/2" = 1'-0"

5/21/2008 9:00:27 AM

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SHEET REISSUED FOR CONFORMED SET 05-20-2008

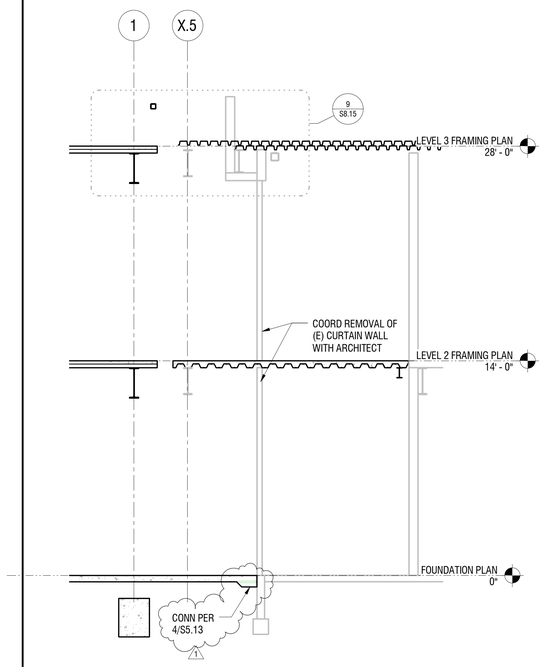
REVISIONS

#	Date	Description
1	05-20-08	Sheet Reissued 05-20-08

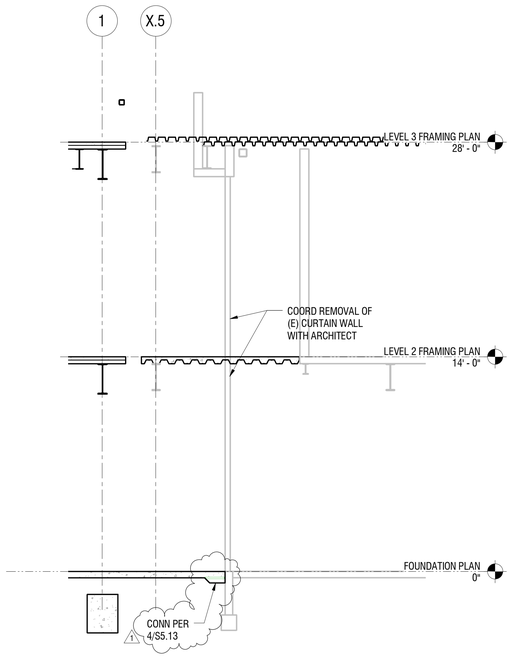
JOB NO.	91301.02
DATE	04-23-2008
DRAWN	JDY
REVIEWED	RDA

ARCTIC ENTRY DEMO PLANS, SECTIONS AND DETAILS

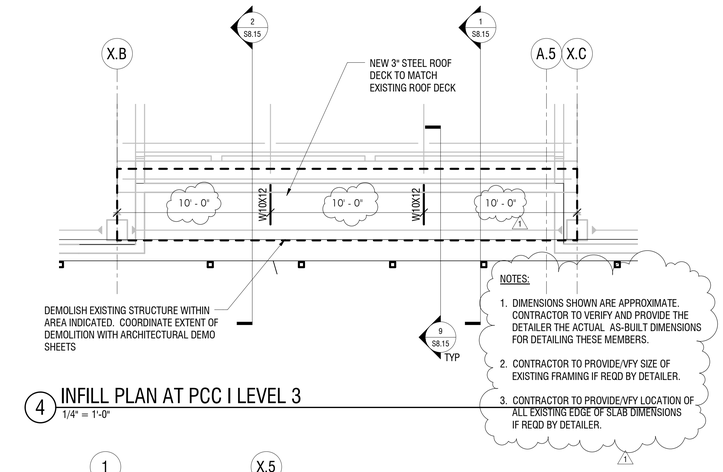
SHEET NO.
S8.13
SCALE: AS SHOWN



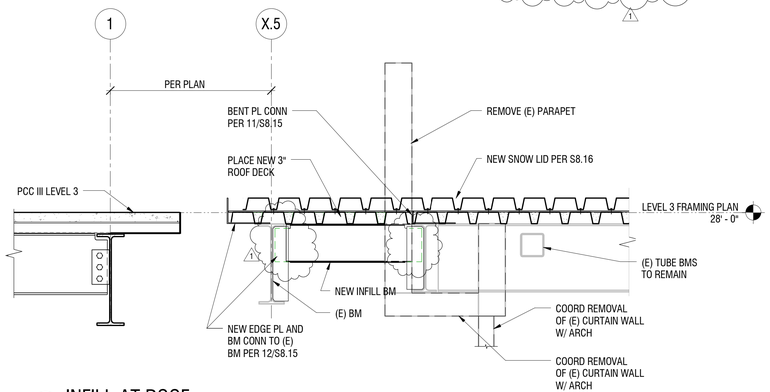
1 SECTION
1/4" = 1'-0"



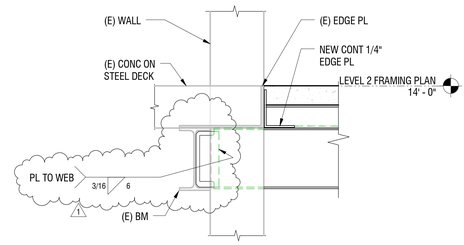
2 SECTION
1/4" = 1'-0"



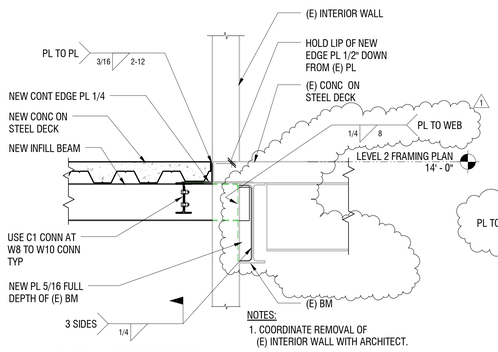
4 INFILL PLAN AT PCC I LEVEL 3
1/4" = 1'-0"



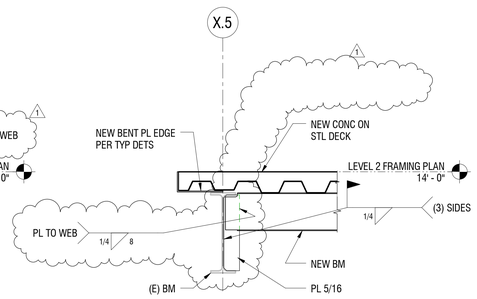
9 INFILL AT ROOF
3/4" = 1'-0"



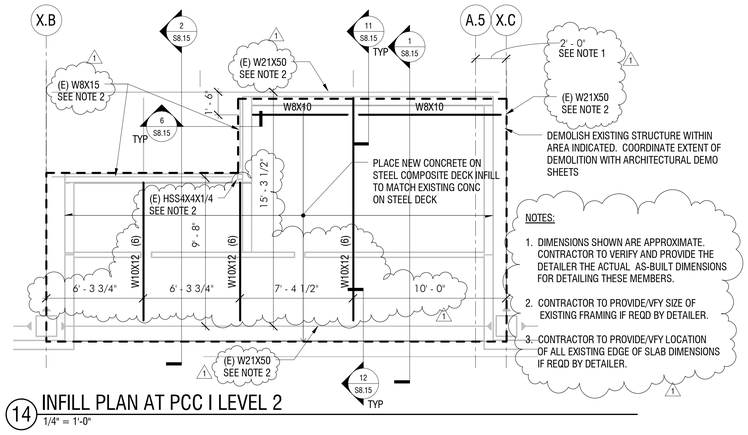
6 SECTION
1 1/2" = 1'-0"



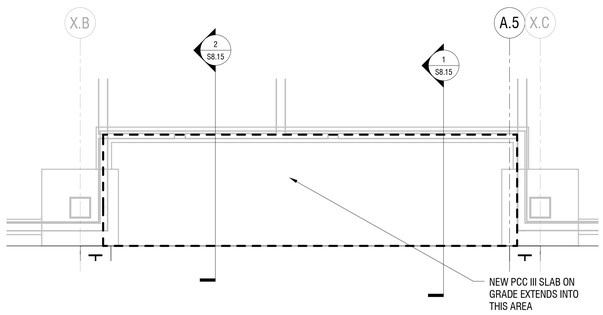
11 INFILL PERIMETER
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



14 INFILL PLAN AT PCC I LEVEL 2
1/4" = 1'-0"



17 INFILL PLAN AT PCC I GROUND LEVEL
1/4" = 1'-0"

4/23/2008 11:05:10 AM

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REVISIONS

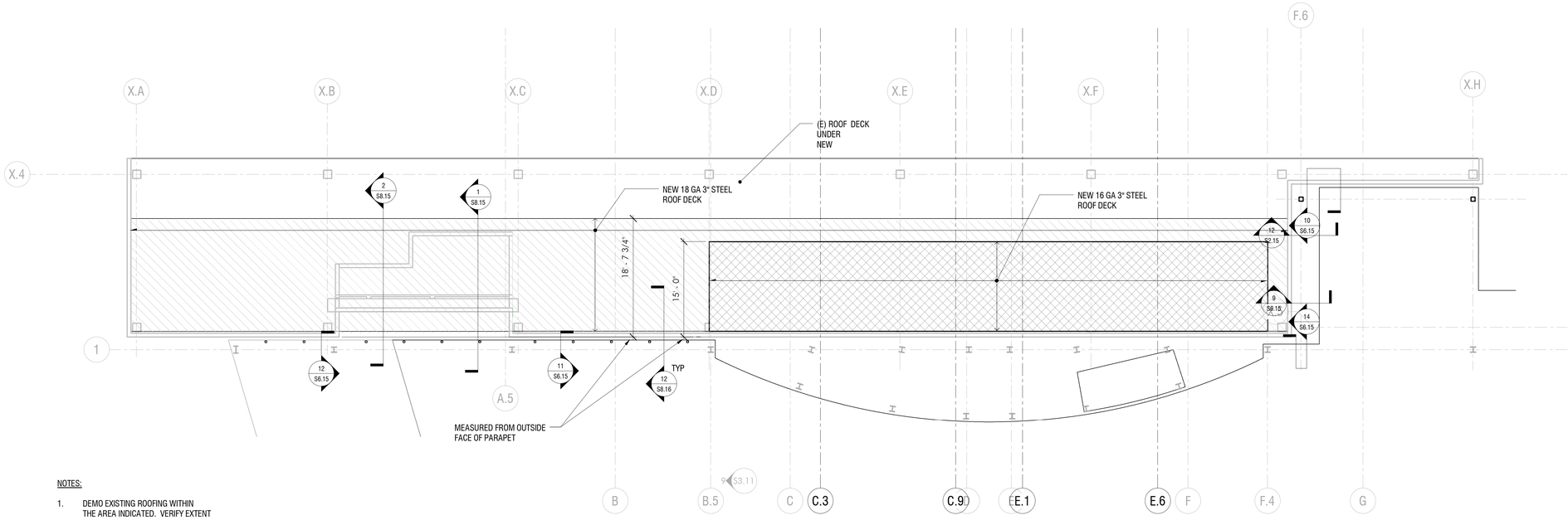
#	Date	Description
1	04-23-08	CONFORMED SET

CONFORMED SET 04-23-2008

JOB NO. 91301.02
DATE 03-03-2008
DRAWN TWM
REVIEWED RDA

PCC1 INFILL
PARTIAL PLANS
AND DETAILS

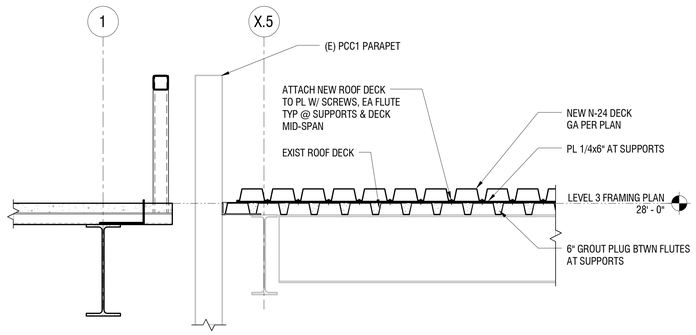
SHEET NO.
S8.15
SCALE: AS SHOWN



NOTES:

1. DEMO EXISTING ROOFING WITHIN THE AREA INDICATED. VERIFY EXTENT WITH ARCHITECTURAL DEMO SHEETS

10 PCCI SNOW DRIFT LID
1/8" = 1'-0"



12 SECTION THROUGH SNOW DRIFT LID
3/4" = 1'-0"

4/23/2008 11:06:25 AM

RICHARD D. ANDERSON 49179 STATE OF ALASKA Robert Anderson No. CS2809 REGISTERED PROFESSIONAL ENGINEER

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REVISIONS

#	Date	Description

CONFORMED SET 04-23-2008

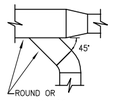
JOB NO.	91301.02
DATE	03-03-2008
DRAWN	TWM
REVIEWED	RDA

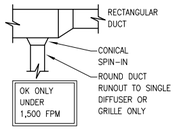
PCC1 SNOW DRIFT LID PARTIAL PLANS AND DETAILS

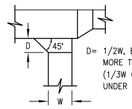
SHEET NO.
S8.16
SCALE: AS SHOWN

HVAC FITTINGS & SYMBOLS

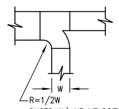
BRANCH DUCT TAKEOFFS
W/ MINIMUM PRESSURE DROP





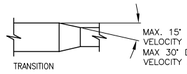


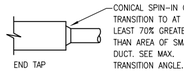
D= 1/2W, BUT NOT
MORE THAN 12"
(1/3W OK IF
UNDER 3,000 FPM)



R=1/2W
DUCTS W/ AIR VELOCITY
UNDER 1,500 FPM
R=W
DUCTS W/ AIR VELOCITY
OVER 1,500 FPM AND
ALL DUCTS UPSTREAM OF
TERMINAL UNITS

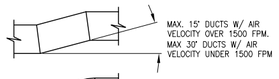
CHANGE OF DUCT SIZE



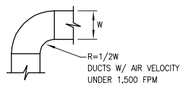


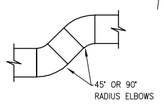
OFFSETS

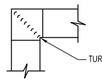
NOTE: OFFSETS (TO AVOID OBSTRUCTIONS) ARE REQUIRED BUT ARE NOT NECESSARILY SHOWN ON THE PLANS.

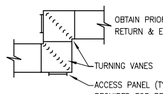


DUCT ELBOWS

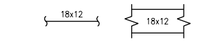




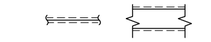




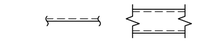
SINGLE LINE DOUBLE LINE



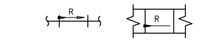
DUCT SIZE IN INCHES
FIRST SIZE LISTED IS SIDE SHOWN
SIDE SHOWN



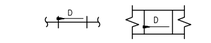
INSULATED DUCT



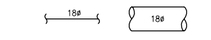
ACOUSTIC LINED DUCT



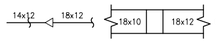
DUCT RISE IN DIRECTION OF ARROW



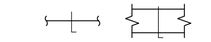
DUCT DROP IN DIRECTION OF ARROW



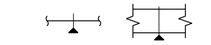
ROUND DUCT IN INCHES



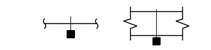
CHANGE IN DUCT SIZE



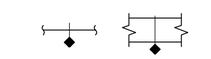
VOLUME DAMPER



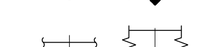
FIRE DAMPER



SMOKE DAMPER



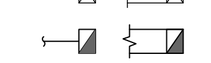
FIRE/SMOKE DAMPER



MOTORIZED DAMPER

SUPPLY DUCT TURNED UP

SUPPLY DUCT TURNED DOWN

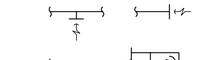


RETURN/EXHAUST DUCT TURNED UP

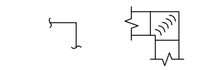
RETURN/EXHAUST DUCT TURNED DOWN

ROUND DUCT TURNED UP

ROUND DUCT TURNED DOWN



SIDEWALL OR DUCT MOUNTED GRILLE



ELBOW WITH TURNING VANES

ROUND DUCT IN SECTION

SUPPLY DUCT IN SECTION

RETURN DUCT/EXHAUST DUCT IN SECTION

OUTSIDE AIR DUCT IN SECTION

SEISMIC DUCT JOINT

FLEXIBLE DUCT

THERMOSTAT (BASEBOARD & VAV BOX)

HUMIDISTAT

SWITCH

DIFFUSER OR GRILLE TAG

DIFFUSER IDENTIFICATION

AIR FLOW (RETURN/EXHAUST)

AIR FLOW (SUPPLY)

VARIABLE AIR VOLUME (VAV)
W/ HEATING COIL

HEATING COIL

VAV IDENTIFICATION

AIRFLOW CONTROL VALVE

CEILING DIFFUSER, FOUR WAY OR AS SHOWN
(OPEN QUADRANT INDICATES THROW PATTERN)

CEILING RETURN/EXHAUST

LINEAR SLOT DIFFUSER

BASEBOARD

UNIT HEATER

BASEBOARD IDENTIFICATION

CENTRIFUGAL FAN

CLEARANCE AREA

PIPING SYMBOLS

VALVE

GATE VALVE

NEEDLE VALVE

BALL VALVE

GLOBE VALVE

PLUG VALVE

STOP COCK

OS & Y GATE VALVE W/ TAMPER SWITCH

AUTOMATIC CONTROL VALVE (PNEUMATIC)

THREE WAY AUTO. CONTROL VALVE (PNEUMATIC)

MOTORIZED (M) OR SOLENOID (S) VALVE

3 WAY MOTORIZED OR SOLENOID VALVE

BUTTERFLY VALVE

FUSIBLE OIL SAFETY VALVE

PRESSURE REDUCING VALVE

PRESSURE REGULATOR

PRESSURE SAFETY VALVE

SPECIAL VALVE

STRAINER WITH BLOW DOWN

STRAINER

UNION

STEAM TRAP ASSEMBLY

FLOW SWITCH

PRESSURE SWITCH

CHECK VALVE

SPRING CHECK VALVE

BALANCE VALVE (SEE TABLE BELOW)

BALANCE VALVE (AUTOMATIC)

FUEL OIL STRAINER

FUEL ANTI-SIPHON VALVE

PIPE SLOPE DIRECTION DOWN

FIRE DEPT. CONNECTION

HOSE BIBB

HOSE THREAD DRAIN VALVE (1)

HOSE THREAD BALL DRAIN VALVE (1)

HOSE QUICK DISCONNECT

END CAP

(1) INDICATES TO PROVIDE W/ END CAP.

PIPE DOWN

PIPE UP

DOWN IN PIPE

REDUCER, CONCENTRIC

REDUCER, ECCENTRIC

PT PLUG

FLOW DIRECTION

THERMOWELL

THERMOMETER (LIQUID IN GLASS)

DIAL THERMOMETER

PRESSURE GAUGE W/ COCK

PRESSURE GAUGE W/ COCK & SIPHON

AIR VENT
C – COIN
M – MANUAL
A – AUTOMATIC
H – HIGH VOLUME

BASKET STRAINER

EXPANSION LOOP

EXPANSION JOINT

EXPANSION GUIDE

FLEX COUPLING

ANCHOR

WALL CLEANOUT

FLOOR CLEAN OUT

FLOOR SINK

FLOOR DRAIN

OVERFLOW DRAIN

ROOF DRAIN

WATER HAMMER ARRESTOR (PLAN)

WATER HAMMER ARRESTOR (ELEV.)

LINE CONNECTING TO EXISTING

PUMP (ARROWHEAD INDICATES
PUMP DIRECTION)

EMERGENCY EYEWASH/SHOWER

EMERGENCY EYEWASH

SHOWER

COLD WATER, CW	
HOT WATER, HW	
HOT WATER CIRCULATION, HWC	
VENT, V	
A	COMPRESSED AIR
AV	ACID VENT
AW	ACID WASTE
F	FIRE PROTECTION MAIN
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
G	NATURAL GAS
MPG	MEDIUM PRESSURE GAS
HGR	HEATING GLYCOL RETURN
HGS	HEATING GLYCOL SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
RL	RAIN LEADER
ORL	OVERFLOW RAIN LEADER
RO	REVERSE OSMOSIS
SD	STORM DRAIN
TP	TRAP PRIMER
W	SANITARY WASTE
OW	OILY WASTE
PC	PUMP CONDENSATE
	CONDENSER WATER
	CONDENSER WATER RETURN
HPC	HIGH PRESSURE CONDENSATE RETURN
HPS	HIGH PRESSURE STEAM
LPC	LOW PRESSURE CONDENSATE RETURN
LPS	LOW PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE RETURN
MPS	MEDIUM PRESSURE STEAM
RLR	REFRIGERANT LIQUID RETURN
RS	REFRIGERANT SUCTION

BALANCE VALVE SIZING TABLE

GPM RANGE	BALANCE VALVE SIZE
0–6	1/2"
7–10	3/4"
11–28	1"
29–36	1–1/4"
37–50	1–1/2"
51–76	2"
77–155	2–1/2"
156–217	3"
218–572	4"
573–727	5"
728–1007	6"

ALL SIZES BASED ON ARMSTRONG CBV FOR
PRESSURE DROP RANGE OF 3 TO 5 PSI.

GENERAL

NOTES:

1. SPECIFIC NOTE FOR THIS SHEET ONLY.

DRAWING LINETYPE:

EXISTING (THIN LINE)

NEW (BOLD LINE)

OR EXISTING TO BE REMOVED

CONSTRUCTION TAG:

XX–X – UNDERLINED DESIGNATOR HAS SCHEDULED VALUES

ABBREVIATIONS

A	COMPRESSED AIR	HTG	HEATING	VAV	VARIABLE AIR VOLUME
AAV	AUTOMATIC AIR VENT	HGR	HEATING GLYCOL RETURN	VTR	VENT THRU ROOF
ACM	ASBESTOS CONTAINING MATERIALS	HGS	HEATING GLYCOL SUPPLY	W	WASTE
AF	AIR FLOW SWITCH	HWC	HOT WATER CIRCULATION	W/	WITH
AFF	ABOVE FINISH FLOOR	HWR	HEATING WATER RETURN	WB	WET BULB
AHU	AIR HANDLING UNIT	HWS	HEATING WATER SUPPLY	WC	WATER CLOSET
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HW	HOT WATER	W.C.	WATER COLUMN
AW	ACID WASTE	HWC	HOT WATER CIRCULATION	WCO	WALL CLEANOUT
AWT	AVERAGE WATER TEMPERATURE	HX	HEAT EXCHANGER	WH	WATER HEATER
BA	BREATHING AIR	KH	KICKSPACE HEATER	WHA	WATER HAMMER ARRESTOR
BB	BASEBOARD	LAT	LEAVING AIR TEMPERATURE		
BF	BYPASS FEEDER	LF	LINEAL FOOT		
BTU	BRITISH THERMAL UNIT	LPR	LOW PRESSURE CONDENSATE RETURN		
BV	BALANCING VALVE	LPS	LOW PRESSURE STEAM		
CA	MEDICAL COMPRESSED AIR	LWT	LEAVING WATER TEMPERATURE		
CC	COOLING COIL	MAV	MANUAL AIR VENT		
CFM	CUBIC FEET PER MINUTE	MAX	MAXIMUM		
CLG	CEILING	MBH	THOUSANDS BTU PER HOUR		
CMU	CONCRETE MASONRY UNIT	MFR	MANUFACTURER		
CONC	CONCRETE	MG	MEDICAL GAS		
CO	CLEANOUT	MIN	MINIMUM OR MINUTES		
CU	COPPER	MPG	MEDIUM PRESSURE GAS		
CUH	CABINET UNIT HEATER	MPR	MEDIUM PRESSURE CONDENSATE RETURN		
CW	COLD WATER	MPS	MEDIUM PRESSURE STEAM		
DB	DRY BULB	MS	MOTOR STARTER		
ø	DIAMETER OR PHASE	NC	NORMALLY CLOSED		
DEMO	DEMOLISH	N.I.C.	NOT IN CONTRACT		
DN	DOWN	NO	NORMALLY OPEN		
DPS	DIFFERENTIAL PRESSURE SWITCH	NPT	NATIONAL PIPE THREAD		
DWG	DRAWING	NTS	NOT TO SCALE		
(E)	EXISTING	O/	OVER		
EA	EXHAUST AIR	OA	OUTSIDE AIR		
EAT	ENTERING AIR TEMPERATURE	OW	OILY WASTE		
EF	EXHAUST FAN	O2	MEDICAL OXYGEN		
EG	ETHYLENE GLYCOL	PG	PROPYLENE GLYCOL		
ESP	EXTERNAL STATIC PRESSURE	PH	PHASE		
EWT	ENTERING WATER TEMPERATURE	PLCS	PLACES		
EXH	EXHAUST	PRV	PRESSURE REGULATING VALVE		
EXIST	EXISTING	PSI	POUNDS PER SQUARE INCH		
F	FIRE PROTECTION	PSIG	POUNDS PER SQUARE INCH GAUGE		
FCO	FLOOR CLEANOUT	PT	PRESSURE/TEMPERATURE		
F.D.	FIRE DAMPER	RA	RETURN AIR		
FD	FLOOR DRAIN	RCP	RADIANT CEILING PANEL		
FDC	FIRE DEPARTMENT CONNECTION	REQD	REQUIRED		
FF	FINISH FLOOR	RL	RAIN LEADER		
FOR	FUEL OIL RETURN	RO	REVERSE OSMOSIS		
FOS	FUEL OIL SUPPLY OR FUSIBLE OIL SAFETY	R.O.	ROUGH OPENING		
FSD	FIRE SMOKE DAMPER	RPM	REVOLUTION PER MINUTE		
FT	FLASH TANK OR FEET	SA	SUPPLY AIR		
FTR	FINNED TUBE RADIATION	SD	SMOKE DETECTOR		
G	LOW PRESSURE GAS	SP	STATIC PRESSURE		
GAL	GALLONS	T	TEMPERATURE		
GPH	GALLONS PER HOUR	TAB	TEST, ADJUST & BALANCE		
GPM	GALLONS PER MINUTE	TB	TERMINAL BOX		
HB	HOSE BIBB	TP	TRAP PRIMER		
HC	HEATING COIL	TSP	TOTAL STATIC PRESSURE		
HL	HIGH LIMIT	TYP	TYPICAL		
HP	HORSEPOWER	UH	UNIT HEATER		
HPR	HIGH PRESSURE CONDENSATE RETURN	US	UNDERSLAB		
HPS	HIGH PRESSURE STEAM	V	VENT OR VOLTS		
HR	HOUR	VAC	VOLTAGE ALTERNATING CURRENT		

ALL SYMBOLS AND ABBREVIATIONS DO NOT NECESSARILY APPEAR ON DRAWINGS

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PCC III Clinic
Anchorage, Alaska

REVISIONS

1 03-28-2008
RE: ASI-003

2 04-17-2008
CORRECTIONS
PER MOA
COMMENTS

3 04-17-2008
COORDINATION
CORRECTIONS

JOB NO.	100179_00
DATE	03-17-2008
DRAWN	NMH
REVIEWED	WKM

CONFORMED DRAWINGS

MECHANICAL LEGEND

SHEET NO.
M1.00
M1.00 MECHANICAL LEGEND.DWG

User: MORROW Apr 18, 2008 - 3:41pm
Drawing: J:\JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M1.00 MECHANICAL LEGEND.DWG - Layout: M1.00 MECHANICAL LEGEND

PLUMBING FIXTURE SCHEDULE

SYM	ITEM	CONNECTIONS				BASIS OF DESIGN		REMARKS
		WASTE	VENT	C.W.	H.W.	MANUFACTURER	MODEL	
WC-1	WATER CLOSET	4	1 1/2	1"	–	CRANE	3446	WALL HUNG, INSTALL ADA, SLOAN ROYAL 111 FLUSH VALVE, BEMIS 1955C PLASTIC OPEN FRONT SEAT. WC CARRIER, JOSAM 12000-600 SERIES FOR LEVEL I & 12716 SERIES FOR LEVELS 2 & 3.
S-1	DOUBLE BOWL SINK	1 1/2	1 1/2	1/2	1/2	ELKAY	DLR	LUSTERTONE DEEP DOUBLE BOWL, 18 GAUGE S.S., SELF RIMMING. PROVIDE W/ 3 FAUCET HOLES EXCEPT AT FAMILY RM 2 PROVIDE 4 HOLES. FAUCET FOR 3-HOLE SINK, CHICAGO #786-E29. DRAIN, ELKAY LK-35. FAUCET FOR 4-HOLE SINK, CHICAGO 200A-GN2A-E229-317 (INCLUDES SPRAYER).
S-2	SINK	1 1/2	1 1/2	1/2	1/2	CRANE	1377V	15"x12" WALL HUNG, VITREOUS CHINA, 4" CENTERSET. CONSEALED HANGAR SUPPLIED W/ SINK FAUCET: CHICAGO 786-E3-245, ADA, DECK MOUNT, RIGID/SWING GOOSENECK SPOUT.
S-3	SINK	1 1/2	1 1/2	1/2	1/2	ELKAY	DLR	LUSTERTONE DEEP SINGLE BOWL, 18 GAUGE S.S., SELF RIMMING. FAUCET: CHICAGO 786-E29, ADA, DECK MOUNT, RIGID/SWING GOOSENECK SPOUT. HW DISPENSER, SEE HWD-1.
S-4	SERVICE SINK	2	1 1/2	1/2	1/2	ELJER	242-0050	28"x28", ENAMELED CAST IRON, PROVIDE W/ 805-0200 805-0180 RIM GUARD. DELTA FAUCET 28T9 & ACCESSORIES 28T910, 28T911
SH-1	SHOWER	2	1 1/2	1/2	1/2	CRANE	A 3636.02G	ADA, ONE PIECE 44"x39 1/4" , CAST ACRYLIC. PROVIDE W/ MIXING VALVE #180AA, HAND-HELD SHOWER #H11, 24" SLIDE GUIDE #H12, SHOWER CURTAIN #C2 AND 2" CAST BRASS DRAIN W/ CHROME STRAINER #H30. PROVIDE PIT IN FLOOR.
L-1	LAVATORY	1 1/2	1 1/2	1/2	1/2	CRANE	1412	ADA, 20"x18", VITREOUS CHINA, FAUCET: T&S BRASS #B-2710, PLUMBEREX P-TRAP PROTECTOR #X4444, DEARBORN BRASS ADA P.O. PLUG #760W-1 AND P-TRAP #704-1
FD-1	FLOOR DRAIN	2	1 1/2	–	–	JOSAM	32300	SLOTTTED CAST IRON BUCKET, PRIMED, SEE TP-1
DF-1	WATER COOLER	1 1/2	1 1/2	1/2	–	ELKAY	EZTL8C	ADA, SELF CONTAINED, WALL HUNG ELECTRIC REFRIGERATED
HB-1	HOSE BIBB	–	–	3/4	–	JOSAM	71050	NON-FREEZE, 3/4" OUTLET, VACUUM BREAKER-BACKFLOW PREVENTER
HB-2	HOSE BIBB	–	–	1/2	1/2	CHICAGO FAUCET	835	VACUUM BREAKER SPOUT W/ PAILHOOK AND WALL BRACE
CO-1	CLEANOUT	–	–	–	–	SMITH	4402	LEAD SEAL PLUG W/ ROUND COVER
CO-2	EXTERIOR CLEANOUT	–	–	–	–	SMITH	4225	CAST IRON CLEANOUT W/ ROUND ADJUSTABLE TOP, LOAD RATED FOR HEAVY TRAFFIC
FCO-1	FLOOR CLEANOUT	4	–	–	–	SMITH	4131	CAST IRON CLEANOUT W/ ROUND ADJUSTABLE NICKEL BRONZE TOP, APPLICABLE FOR FINISH FLOORS
TP-1	TRAP PRIMER	–	–	1/2	–	PPP	PR-500	PROVIDE AT FLOOR DRAIN IN MECH ROOM
WHA-1	WATER HAMMER ARRESTOR	–	–	–	–	PPP	SC-500A	PROVIDE ONE ARRESTOR AT EACH WATER CLOSET.
HWD-1	HOTWATER DISPENSER	–	–	1/4	–	EMERSON	H770	INSTANT HW DISPENSER IN BREAK RM, THERMOSTATICALLY CONTROLLED, PRESET AT 200 DEGREES F., TANK DRAIN PLUG, PROVIDE ELECTRICAL FOR HEATING ELEMENT.
FW-1	FOOD WASTE DISPOSAL	1 1/2	–	–	–	EMERSON	BADGER 5	IN SINK ERATOR FOOD DISPOSER
RD-1	ROOF DRAIN	–	–	–	–	JOSAM	21500	FIXED EXTENSION AS REQUIRED
ORD-1	OVERFLOW ROOF DRAIN	–	–	–	–	JOSAM	21500	FIXED EXTENSION AS REQUIRED
ICE-1	ICEMAKER BOX	–	–	1/2	–	IPS CORPORATION	8800	PLASTIC ICEMAKER BOX W/ CW CONNECTION FOR REFRIGERATOR

AIR SEPARATOR SCHEDULE

TAG	TYPE	WORKING PRESS.	FLOW (GPM)	MAX PRESS. DROP (FT HEAD)	BASIS OF DESIGN		REMARKS
					MFR	MODEL	
AS-1	TANGENTIAL	125	400	2	ARMSTRONG	VAS-6	
AS-2	TANGENTIAL	125	420	2	ARMSTRONG	VAS-6	

BOILER SCHEDULE

TAG	TYPE	LOCATION	BASIS OF DESIGN		FUEL TYPE	INPUT MBH	OUTPUT MBH	V/HP/PH	VENT DIAMETER	NOTES
			MANUFACTURER	MODEL						
B-1 & B-2	CAST IRON SECTIONAL	BOILER RM	WEIL MCLAIN	1288	NATURAL GAS	3,754	2,609	208/1/60	14	(1)(2)

NOTES:
1 OR BURNHAM EQUAL
2 PROVIDE WITH: GORDON PIATT BURNER R10G (OR EQUAL), MODULATING, MIN GAS PRESSURE 6.3 (IN WG)

DAMPER SCHEDULE

TAG	SYSTEM	FUNCTION	CONTROL ACTION	TYPE OF ACTION	SIZE	BASIS OF DESIGN		NOTES
						MFR	MODEL	
D-1	VF-1	OUTSIDE AIR	MODULATING	FAIL CLOSED	48X48	RUSKIN	CDTI50	
D-2	VF-1	RETURN AIR	MODULATING	FAIL OPENED	32X48	RUSKIN	CD40	
D-3	VF-1	RELIEF AIR	2 POSITION	FAIL CLOSED	48X48	RUSKIN	CDTI50	
D-4	NOT USED	--	--	--	--	--	--	
D-5	NOT USED	--	--	--	--	--	--	
D-6	EXHAUST FAN	EXHAUST AIR (ISOLATION)	2 POSITION	FAIL IN POSITION		RUSKIN	CDTI50	
D-7	EXHAUST FAN	EXHAUST AIR (ISOLATION)	2 POSITION	FAIL IN POSITION		RUSKIN	CDTI50	
D-8	EXHAUST FAN	EXHAUST AIR (ISOLATION)	2 POSITION	FAIL IN POSITION		RUSKIN	CDTI50	
SD	VARIES	SMOKE DAMPER	ELECTRIC OPEN/SPRING CLOSED	FAIL CLOSED	SQUARE	RUSKIN	SD-50	120V ACTUATOR
SD	VARIES	SMOKE DAMPER	ELECTRIC OPEN/SPRING CLOSED	FAIL CLOSED	ROUND	RUSKIN	SDRS-25	120V ACTUATOR
FSD	VARIES	FIRE/SMOKE DAMPER	ELECTRIC OPEN/SPRING CLOSED	FAIL CLOSED	SQUARE	RUSKIN	FSD-60	120V ACTUATOR
FSD	VARIES	FIRE/SMOKE DAMPER	ELECTRIC OPEN/SPRING CLOSED	FAIL CLOSED	ROUND	RUSKIN	FSDR-25	120V ACTUATOR

WATER HEATER SCHEDULE

TAG	APPLICATION	FLOW (GPH)	OUTPUT (MBH)	TANK SIZE (GAL.)	EWT (F)	LWT (F)	HOT SIDE					BASIS OF DESIGN		REMARKS
							EWT (F)	LWT (F)	FLOW (GPM)	DP (PSI)	TYPE	MANUFACTURER	MODEL	
HWG-1	DOMESTIC HOT WATER	325	150	119	60	110	180	160	16	5	40PG	AMTROL	WHS120ZCDW	

NOTES:

MISCELLANEOUS EQUIPMENT SCHEDULE

TAG	EQUIPMENT NAME	BASIS OF DESIGN		NOTES
		MANUFACTURER	MODEL	
AC-1	AIR CONDITIONER	LIEBERT	MMD18WP0000 W/ DC-1	SELF CONTAINED DUCTED W/ DRYCOOLER, TO SERVE ELEVATOR ROOM AND COMM. ROOM, 1/6 HP 277/1/60
GMT-1	GLYCOL MIX TANK	AXIOM	SF100	PROVIDE WITH FACTORY ALARMS, PUMP, AND AUTO CONTROLS, 120/1/60
DC-1	DRY COOLER	LIEBERT	D-033	3 HP, 480/3/60
AC-2	AIR COOLED CONDENSING UNIT	TRANE	RAUCC504B	50 TON,460/3/60, LOW AMBIENT DAMPER CONTROL, DUAL CIRCUITS, PROVIDE FACTORY INSTALLED FUSED DISCONNECT.
RH-1,2,&3	RANGE HOOD	VENT-A-HOOD	SLH6-K36-6	W/O BLOWER, TO BE USED WITH CENTRAL BLOWER (EF-3)

NOTES:

LOUVER SCHEDULE

TAG	MFG	MODEL	SERVICE	SIZE			FRAME TYPE	% FREE AREA	MATERIAL	NOTES
				WIDTH	HEIGHT	DEPTH				
LV-1	RUSKIN	ELF40Y	BOILER RM VENT SUPPLY	30	75	6	FLANGED FRONT	33	ALUM	
LV-2		NOT USED								
LV-3	RUSKIN	ELF40Y	AHU-3 INTAKE	150	80	6	FLANGED FRONT	33	ALUM	
LV-4	RUSKIN	ELF40Y	AHU-3 EXHAUST & BOILER RM RELIEF	180	96	6	FLANGED FRONT	33	ALUM	

FINNED TUBE RADIATION SCHEDULE

TAG	ENCLOSURE				ELEMENT						BASIS OF DESIGN		NOTES
	TYPE	SIZE (IN.)		COLOR	SIZE (IN.)			FIN/FT.	NO. OF TIERS	HTG. CAPACITY (BTU/FT)	MFGR	MODEL	
		HT	DEPTH		TUBE	FIN. HT.	FIN. WIDTH						
BB-1	SLOPE	28	5-5/16	BY ARCH	CU 3/4	4-1/4	3-5/8	40	2	1,150	STERLING	C3/4-434	

FAN SCHEDULE

TAG	LOCATION	SERVES	CFM	ESP (IN. W.C.)	DRIVE	MOTOR				BASIS OF DESIGN		NOTES
						FAN RPM	MOTOR HP OR W	VOLTS	PHASE	MANUFACTURER	MODEL	
EF-1	ROOF	1ST FLR & 2ND FLOOR WEST	1,690	0.75	DIRECT	1,725	1/2	120	1	GREENHECK	CUE-121-A	1
EF-2	ROOF	2ND FLR EAST & 3RD FLR	1,570	0.75	DIRECT	1,725	1/2	120	1	GREENHECK	CUE-121-A	1
EF-3	ROOF	KITCHEN HOODS	900	0.5	DIRECT	1,725	1/4	120	1	GREENHECK	CUE-098-A	1
EF-4	2210	COMM ROOM	550	0.1	DIRECT	1,650	224 W	120	1	GREENHECK	SP-252	W/O FILTER, W/ HANGING VIBRATION ISOLATION
EF-5	3210	ELEVATOR MACH. ROOM	2500	0.25	BELT	1725	1	480	3	GREENHECK	BDF-90-10	W/O FILTER, W/ HANGING VIBRATION ISOLATION
VF-1	BOILER RM	BOILER RM COMBUSTION VENT	7,000	0.375	DIRECT	1,750	1 1/2	460	3	GREENHECK	SCS3-24-415-A	2

NOTES:
1 W/ SPEED CONTROLLER, HINGED CURB CAP, DRAIN CONNECTION, STAINLESS STEEL FASTENERS, BIRDSCREEN, PROVIDE DISCONNECT WITH FAN IN CURB
2 CAST ALUMINIMUM PROP

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MECHANICAL SCHEDULES

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M1.10-12 MECHANICAL SCHEDULES.DWG

PUMP SCHEDULE

TAG	APPLICATION	FLOW (GPM)	HEAD (FT)	MOTOR SPEED	MOTOR			BASIS OF DESIGN		IMPELLER SIZE	NOTES
					VOLTS	PHASE	HP	MANUFACTURER	MODEL		
P-1&2	HEATING WATER	400	40	1760	480	3	7.5	ARMSTRONG	4030	–	
P-3&4	BOILER CIRC	260	25	1760	480	3	5	ARMSTRONG	4380-4x4x8	6.5	
P-5&6	HEATING GLYCOL	420	100	1760	480	3	20	ARMSTRONG	4030	–	VFD COMPATIBLE (1)
P-7	HOT WATER CIRC	21	15	–	120	1	0.29	GRUNDFOS	UP43-75BF	–	
P-8&9	SNOWMELT CIRC	22	20	1800	120	1	0.33	ARMSTRONG	1050 1-1/4B	–	
P-10	SNOWMELT CIRC	22	20	1800	120	1	0.33	ARMSTRONG	1050 1-1/4B	–	

NOTES:
(1) MINIMUM MOTOR SPEED AS CONTROLLED BY VFD SHALL NOT DROP BELOW 30% OF NOMINAL RPM.

UNIT HEATER SCHEDULE

TAG	LOCATION	MIN. CAPACITY (MBH)	FLUID %/TYPE	EWT (F)	FLOW (GPM)	EAT (F)	AIR THROW		FAN				BASIS OF DESIGN		NOTES
							V	H	VOLTS	PHASE	WATTS	CFM	MANUFACTURER	MODEL	
UH-1	BOILER ROOM	18,400	40 PG	180	1.9	70		X	115	1	16	500	TRANE	SA18	
UH-2	FAN ROOM	18,400	40 PG	180	1.9	70		X	115	1	16	500	TRANE	SA18	
CUH-1,7	VEST 1118	29,400	40 PG	180	2.0	70	X		115	1	100	338	TRANE	FFE04	1
CUH-2,3	EAST&WEST STAIR	28,100	40 PG	180	1.9	70		X	115	1	100	320	TRANE	FFH04	2
CUH-4	VEST 1115	57,500	40 PG	180	3.8	70		X	115	1	205	829	TRANE	FFH10	2
CUH-5,6	BRIDGE	29,400	40 PG	180	2.0	70	X		115	1	100	328	TRANE	FFE04	1

NOTES
1. CEILING RECESSED, WITH STAMPED INLET AND OUTLET LOUVERS
2. WALL MOUNT RECESSED, WITH STAMPED INLET AND OUTLET LOUVERS

AIR INLET & OUTLET SCHEDULE

TAG	PURPOSE	TYPE	NECK SIZE (IN.)	FACE SIZE (IN.)	COLOR	BORDER TYPE	BASIS OF DESIGN		REMARKS
							MFR	MODEL	
A	SUPPLY	MODULAR CORE	VARIES	24X24	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	MCD	
B	SUPPLY	MODULAR CORE	VARIES	12X12	COORDINATE W/ ARCHT	HARD LID	TITUS	MCD	
C	RETURN	EGGCRATE	–	24X24	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	50F	
D	RETURN	EGGCRATE	VARIES	12X12	COORDINATE W/ ARCHT	HARD LID	TITUS	50F	
E	SUPPLY	MODULAR CORE	VARIES	12X12	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	MCD	
F	RETURN	EGGCRATE	8X8	8X8	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	50F	
G	EXHAUST	EGGCRATE	VARIES	12X12	COORDINATE W/ ARCHT	HARD LID	TITUS	50F	
H	SUPPLY	WALL GRILLE	4X8	4X8	COORDINATE W/ ARCHT	SURFACE	TITUS	250-L3	ADJUSTABLE 3-WAY DISCHARGE W/ OPPOSED BLADE DAMPER
I	SUPPLY	LINEAR	8	48	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	FL-10JT	JET THROW
J	SUPPLY	LINEAR	8	48	COORDINATE W/ ARCHT	HARD LID	TITUS	FL-10HT	HIGH THROW
K	RETURN	LINEAR	–	48	COORDINATE W/ ARCHT	LAY-IN GRID	TITUS	FL-10	W/ LIGHT SHIELD, LENGTH IS 48" OR TO FILL IN REMAINDER OF RUN
L	RETURN	LINEAR	–	48	COORDINATE W/ ARCHT	HARD LID	TITUS	FL-10	W/ LIGHT SHIELD, LENGTH IS 48" OR TO FILL IN REMAINDER OF RUN
M	SUPPLY	WALL LINEAR	6	24x4	COORDINATE W/ ARCHT	SURFACE	TITUS	FL-10JT	W/ END CAPS, TYPE 66 BOARDER, H1 CLIPS, 1" SLOT, CURVED TO MATCH WALL CURVATURE
N	RETURN	CEILING LINEAR	6	42X4	COORDINATE W/ ARCHT	SURFACE	TITUS	FL-10	W/ END CAPS, TYPE 66 BOARDER, H1 CLIPS, 1" SLOT, W/ LIGHT SHIELD

NOTES:

EXPANSION TANK SCHEDULE

MARK	BASIS OF DESIGN		TYPE	TANK VOLUME	ACCEPT. VOLUME	SYS VOLUME	MIN. FILL TEMP (F)	MAX. SYS TEMP (F)	CHARGE PRESS.	SYSTEM PRESS.	SYS EXP	NOTES
	MANUFACTURER	MODEL										
ET-1	TACO	CBX300-3	BLADDER	79	43	740	50	200	15	30	26	BOILER HOT WATER
ET-2	TACO	CBX425-3	BLADDER	112	61	1200	50	200	15	60	68	HX GLYCOL
ET-3	TACO	PAX- 42	(1)	11	5	242	40	140	15	54		DOMESTIC HOT WATER

NOTES:

HEAT EXCHANGER SCHEDULE

TAG	TYPE	LOCATION	CAPACITY (MBH)	COLD SIDE						HOT SIDE							BASIS OF DESIGN		NOTES
				FLUID (%-TYPE)	FLOW (GPM)	Ti (F)	To (F)	MIN FOULING FACTOR	MAX PD (PSI)	FLUID (%-TYPE)	FLOW (GPM)	Ti (F)	To (F)	PRESS (PSIG)	MIN SCALING/ FOULING FACTOR	MAX PD (PSI)	MFR	MODEL	
HX-1	PLATE & FRAME	BOILER ROOM	3,800	40PG	420	160	180	0.001	5	WATER	400	185	165	30	0.0010	5	B&G	PHE	

NOTES:

AIR HANDLING UNIT SCHEDULE

TAG	AHU-1	AHU-2	AHU-3
LOCATION	ROOF WEST	ROOF EAST	FAN ROOM ABOVE BOILER RM
AREA SERVED	FIRST FLOOR, WEST SECOND FLR	THIRD FLOOR EAST SECOND FLR	COMMONS – 1ST, 2ND, AND 3RD FLR
SUPPLY FAN			
TYPE			
VOLUME CONTROL	VFD	VFD	VFD
MAX AIR FLOW (SCFM)	30,000	30,000	20,000
MIN AIR FLOW (SCFM)	20,000	20,000	15,000
EXT. TSP (INCHES W.C.)	3.0	3.0	3.0
RPM	1329	1329	1800
VOLT	480	480	480
PHASE	3	3	3
HP	40	40	20
RETURN/EXHAUST FAN			
TYPE	EXHAUST	EXHAUST	RETURN
VOLUME CONTROL	VFD	VFD	VFD
MAX AIR FLOW (SCFM)	30,000	30,000	20,000
MIN AIR FLOW (SCFM)	20,000	20,000	15,000
EXT. TSP (INCHES W.C.)	2	2	2
RPM	789	789	1261
VOLT	480	480	480
PHASE	3	3	3
HP	40	40	7.5
MINIMUM OUTSIDE AIR (CFM)	5300	5300	2650
FINAL FILTER	MERV-13	MERV-13	MERV-13
COOLING COIL	DX	DX	DX
AIR FLOW (CFM)	30,000	30,000	20,000
EAT DB (°F)	75	75	75
EAT WB (°F)	62	62	62
LAT DB (F)	52	52	52
LAT WB (F)	52	52	52
CAPACITY (MBH)	748.7	748.7	499.1
CAPACITY (TONS)	62.4	62.4	41.6
HEATING COIL			
AIR FLOW (CFM)	20,000	20,000	15,000
EAT (°F)	45	45	45
LAT (°F)	75	75	75
EWT (°F)	180	180	180
WTD (F°)	30	30	30
CAPACITY (MBH)	651	651	488
FLUID (%-TYPE)	40PG	40PG	40PG
HEATING FLUID FLOW (GPM)	53.6	53.6	40.2
MAX WPD (FT)	5	5	5
BASIS OF DESIGN			
MFR	TRANE	TRANE	TRANE
MODEL	INTELLIPAK	INTELLIPAK	MCC
REMARKS OR MCQUAY EQUAL	W/ATTACHED CONDENSING UNIT	W/ATTACHED CONDENSING UNIT	W/SEPARATE CONDENSING UNIT AC-2

RADIANT SNOWMELT HEATING SCHEDULE

ZONE	CIRCUITS REQUIRED	MBH	GPM	SYSTEM	FLUID	REMARKS
1	VARIES WITH LAYOUT	165	14.7	PCC III	40PG	1,100 SQFT
2	VARIES WITH LAYOUT	200	17.8	PCC III	40PG	1,320 SQFT
3	2	132	11.7	PCC I	40PG	880 SQFT
4	1	40	3.6	PCC I	40PG	250 SQFT

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VAV TERMINAL UNIT SCHEDULE

TAG	TYPE	AREA SERVED	AIR HANDLING UNIT	MAX FLOW (CFM)	HTG FLOW (CFM)	MAX NC	INLET DIA (IN.)	HEATING COIL					CONTROL TYPE	BASIS OF DESIGN		REMARKS
								MIN MBH	FLUID % - TYPE	EWT (F)	FLOW (GPM)	WPD MAX (FT)		MFR	MODEL	
TB-101	VARIABLE VOLUME	NW INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-102	VARIABLE VOLUME	SW INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-103	CONSTANT VOLUME	W HALL AND ROOMS	AHU-1	450	450	25	7	15	40PG	180	1.6	4.0	DIGITAL	TITUS	DESV	
TB-104	CONSTANT VOLUME	W HALL AND ROOMS	AHU-1	440	440	25	7	14	40PG	180	1.6	4.0	DIGITAL	TITUS	DESV	
TB-105	VARIABLE VOLUME	W CHARTS/PHONE	AHU-1	540	270	25	8	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-106	CONSTANT VOLUME	NW EXAM/FLEX	AHU-1	265	265	25	6	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-107	VARIABLE VOLUME	N GROUP & FAMILY	AHU-1	400	200	25	7	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-108	VARIABLE VOLUME	NWC EXAM & FAMILY	AHU-1	580	290	25	8	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-109	CONSTANT VOLUME	NW EXAM/TOILET	AHU-1	620	620	25	9	20	40PG	180	2.2	4.0	DIGITAL	TITUS	DESV	
TB-110	CONSTANT VOLUME	LINEN/GENERAL PROCEDURE	AHU-1	410	410	25	8	13	40PG	180	1.5	4.0	DIGITAL	TITUS	DESV	
TB-111	CONSTANT VOLUME	SW EXAM/FLEX	AHU-1	550	550	25	8	18	40PG	180	2.0	4.0	DIGITAL	TITUS	DESV	
TB-112	CONSTANT VOLUME	SW EXAM/FLEX	AHU-1	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-113	CONSTANT VOLUME	SW EXAM/ELECTRIC/TOILET	AHU-1	205	205	25	6	7	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-114	CONSTANT VOLUME	SW SPEC. PROCEDURE/TOILET/EXAM	AHU-1	255	255	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-115	VARIABLE VOLUME	TALKING/GROUP	AHU-1	800	400	25	10	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-116	CONSTANT VOLUME	PUBLIC TOILETS	AHU-1	510	510	25	8	17	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-117	VARIABLE VOLUME	E CHARTS/PHONE	AHU-1	540	270	25	8	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-118	CONSTANT VOLUME	TOILET/LOCKER AREA	AHU-1	265	265	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-119	CONSTANT VOLUME	E HALL AND ROOMS	AHU-1	490	490	25	7	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-120	VARIABLE VOLUME	NE INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-121	VARIABLE VOLUME	SE INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-122	CONSTANT VOLUME	E EXAM/FLEX	AHU-1	500	500	25	8	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-123	CONSTANT VOLUME	E EXAM/TOILET	AHU-1	625	625	25	9	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-124	CONSTANT VOLUME	E SOILED LINENS/JANITOR	AHU-1	625	625	25	9	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-125	CONSTANT VOLUME	E GENERAL PROCEDURE	AHU-1	240	240	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-126	CONSTANT VOLUME	TOILET/ELECTRICAL	AHU-1	280	280	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-127	CONSTANT VOLUME	SE EXAM	AHU-1	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-128	CONSTANT VOLUME	SE EXAM/FLEX	AHU-1	400	400	25	8	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-129	CONSTANT VOLUME	S MENTAL HEALTH	AHU-1	980	490	25	10	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-130	VARIABLE VOLUME	BREAK ROOM	AHU-1	400	200	25	4	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-201	VARIABLE VOLUME	NW INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-202	VARIABLE VOLUME	SW INTEGRATED CARE	AHU-1	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-203	CONSTANT VOLUME	W HALL AND ROOMS	AHU-1	250	250	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-204	CONSTANT VOLUME	W HALL AND ROOMS	AHU-1	400	400	25	8	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-205	VARIABLE VOLUME	W CHARTS/PHONE	AHU-1	540	270	25	9	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-206	CONSTANT VOLUME	NW EXAM/FLEX	AHU-1	205	205	25	6	7	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-207	VARIABLE VOLUME	N GROUP & FAMILY	AHU-1	400	200	25	8	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-208	VARIABLE VOLUME	NWC EXAM & FAMILY	AHU-1	580	290	25	9	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-209	CONSTANT VOLUME	NW EXAM/TOILET	AHU-1	650	650	25	10	21	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-210	CONSTANT VOLUME	LINEN/GENERAL PROCEDURE	AHU-1	360	360	25	7	12	40PG	180	1.3	4.0	DIGITAL	TITUS	DESV	
TB-211	CONSTANT VOLUME	SW EXAM/FLEX	AHU-1	550	550	25	9	18	40PG	180	2.0	4.0	DIGITAL	TITUS	DESV	
TB-212	CONSTANT VOLUME	SW EXAM/FLEX	AHU-1	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-213	CONSTANT VOLUME	SW EXAM/ELECTRIC/TOILET	AHU-1	205	205	25	6	7	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-214	CONSTANT VOLUME	SW SPEC. PROCEDURE/TOILET/EXAM	AHU-1	255	255	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-215	VARIABLE VOLUME	TALKING/GROUP	AHU-1	800	400	25	10	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-216	CONSTANT VOLUME	PUBLIC TOILETS	AHU-2	510	510	25	9	17	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-217	VARIABLE VOLUME	E CHARTS/PHONE	AHU-2	540	270	25	9	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-218	CONSTANT VOLUME	TOILET/LOCKER AREA	AHU-2	265	265	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-219	CONSTANT VOLUME	E HALL AND ROOMS	AHU-2	490	490	25	8	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-220	VARIABLE VOLUME	NE INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-221	VARIABLE VOLUME	SE INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-222	CONSTANT VOLUME	E EXAM/FLEX	AHU-2	500	500	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-223	CONSTANT VOLUME	E EXAM/TOILET	AHU-2	625	625	25	10	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-224	CONSTANT VOLUME	E SOILED LINENS/JANITOR	AHU-2	625	625	25	10	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-225	VARIABLE VOLUME	E GENERAL PROCEDURE	AHU-2	240	240	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-226	CONSTANT VOLUME	TOILET/ELECTRICAL	AHU-2	280	280	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-227	CONSTANT VOLUME	SE EXAM	AHU-2	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-228	CONSTANT VOLUME	SE EXAM/FLEX	AHU-2	400	400	25	8	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-229	VARIABLE VOLUME	S MENTAL HEALTH	AHU-2	980	490	25	12	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-230	VARIABLE VOLUME	BREAK ROOM	AHU-2	400	200	25	8	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-301	VARIABLE VOLUME	NW INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-302	VARIABLE VOLUME	SW INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-303	CONSTANT VOLUME	W HALL AND ROOMS	AHU-2	250	250	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-304	CONSTANT VOLUME	W HALL AND ROOMS	AHU-2	400	400	25	8	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-305	VARIABLE VOLUME	W CHARTS/PHONE	AHU-2	540	270	25	9	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-306	CONSTANT VOLUME	NW EXAM/FLEX	AHU-2	205	205	25	6	7	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-307	VARIABLE VOLUME	N GROUP & FAMILY	AHU-2	400	200	25	8	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-308	VARIABLE VOLUME	NWC EXAM & FAMILY	AHU-2	580	290	25	9	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-309	CONSTANT VOLUME	NW EXAM/TOILET	AHU-2	650	650	25	10	21	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-310	CONSTANT VOLUME	LINEN/GENERAL PROCEDURE	AHU-2	360	360	25	8	12	40PG	180	1.3	4.0	DIGITAL	TITUS	DESV	
TB-311	CONSTANT VOLUME	SW EXAM/FLEX	AHU-2	550	550	25	9	18	40PG	180	2.0	4.0	DIGITAL	TITUS	DESV	
TB-312	CONSTANT VOLUME	SW EXAM/FLEX	AHU-2	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-313	CONSTANT VOLUME	SW EXAM/ELECTRIC/TOILET	AHU-2	205	205	25	6	7	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-314	CONSTANT VOLUME	SW SPEC. PROCEDURE/TOILET/EXAM	AHU-2	255	255	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-315	VARIABLE VOLUME	TALKING/GROUP	AHU-2	800	400	25	10	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-316	CONSTANT VOLUME	PUBLIC TOILERS	AHU-2	510	510	25	9	17	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-317	VARIABLE VOLUME	E CHARTS/PHONE	AHU-2	540	270	25	10	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-318	CONSTANT VOLUME	TOILET/LOCKER AREA	AHU-2	265	265	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-319	CONSTANT VOLUME	E HALL AND ROOMS	AHU-2	490	490	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-320	VARIABLE VOLUME	NE INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-321	VARIABLE VOLUME	SE INTEGRATED CARE	AHU-2	1,500	750	25	12	24	40PG	180	2.7	4.0	DIGITAL	TITUS	DESV	
TB-322	CONSTANT VOLUME	E EXAM/FLEX	AHU-2	500	500	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-323	CONSTANT VOLUME	E EXAM/TOILET	AHU-2	625	625	25	10	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-324	CONSTANT VOLUME	E SOILED LINENS/JANITOR	AHU-2	625	625	25	10	20	40PG	180	2.3	4.0	DIGITAL	TITUS	DESV	
TB-325	VARIABLE VOLUME	E GENERAL PROCEDURE	AHU-2	240	240	25	6	8	40PG	180	0.9	4.0	DIGITAL	TITUS	DESV	
TB-326	CONSTANT VOLUME	TOILET/ELECTRICAL	AHU-2	280	280	25	7	9	40PG	180	1.0	4.0	DIGITAL	TITUS	DESV	
TB-327	CONSTANT VOLUME	SE EXAM	AHU-2	320	320	25	7	10	40PG	180	1.2	4.0	DIGITAL	TITUS	DESV	
TB-328	CONSTANT VOLUME	SE EXAM/FLEX	AHU-2	400	400	25	8	13	40PG	180	1.4	4.0	DIGITAL	TITUS	DESV	
TB-329	VARIABLE VOLUME	S MENTAL HEALTH	AHU-2	980	490	25	12	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-330	VARIABLE VOLUME	BREAK ROOM	AHU-2	400	200	25	8	6	40PG	180	0.7	4.0	DIGITAL	TITUS	DESV	
TB-401	CONSTANT VOLUME	1ST E COMMONS	AHU-3	1,850	1850	25	14	60	40PG	180	6.7	4.0	DIGITAL	TITUS	DESV	
TB-402	CONSTANT VOLUME	1ST C COMMONS	AHU-3	1,000	1000	25	12	32	40PG	180	3.6	4.0	DIGITAL	TITUS	DESV	
TB-403	CONSTANT VOLUME	1ST W COMMONS	AHU-3	1,425	1425	25	12	46	40PG	180	5.1	4.0	DIGITAL	TITUS	DESV	
TB-404	CONSTANT VOLUME	2ND E COMMONS	AHU-3	500	500	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-405	CONSTANT VOLUME	2ND C COMMONS	AHU-3	500	500	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-406	CONSTANT VOLUME	2ND W COMMONS	AHU-3	1,100	1100	25	12	36	40PG	180	4.0	4.0	DIGITAL	TITUS	DESV	
TB-407	VARIABLE VOLUME	3RD E COMMONS	AHU-3	1,200	1200	25	12	39	40PG	180	4.3	4.0	DIGITAL	TITUS	DESV	
TB-408	CONSTANT VOLUME	3RD C COMMONS	AHU-3	3,000	3000	25	16	97	40PG	180	10.8	4.0	DIGITAL	TITUS	DESV	
TB-409	CONSTANT VOLUME	3RD W COMMONS	AHU-3	1,100	1100	25	12	36	40PG	180	4.0	4.0	DIGITAL	TITUS	DESV	
TB-410	VARIABLE VOLUME	2ND BRIDGE	AHU-3	2,350	1175	25	14	38	40PG	180	4.2	4.0	DIGITAL	TITUS	DESV	
TB-411	CONSTANT VOLUME	3RD W COMMONS	AHU-3	500	500	25	9	16	40PG	180	1.8	4.0	DIGITAL	TITUS	DESV	
TB-412	VARIABLE VOLUME	3RD W COMMONS	AHU-3	1,200	600	25	12	19	40PG	180	2.2	4.0	DIGITAL	TITUS	DESV	

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REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS

JOB NO.	100179_00
DATE	03-17-2008
DRAWN	NH
REVIEWED	WKM

CONFORMED DRAWINGS

MECHANICAL SCHEDULES

SHEET NO.
M1.12
M1.10-12 MECHANICAL SCHEDULES.DWG

SHEET REISSUED FOR CONFORMED SET 05-20-2008

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REVISIONS	
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4	SHEET REISSUED 5-20-08

JOB NO.	130170.00
DATE	5-20-2008
DRAWN	AMH
REVIEWED	WKM

PCC1
FLOOR PLAN
LEVEL 1

SHEET NO. M1.21

M1.21 PCC1 FLOOR 1.DWG

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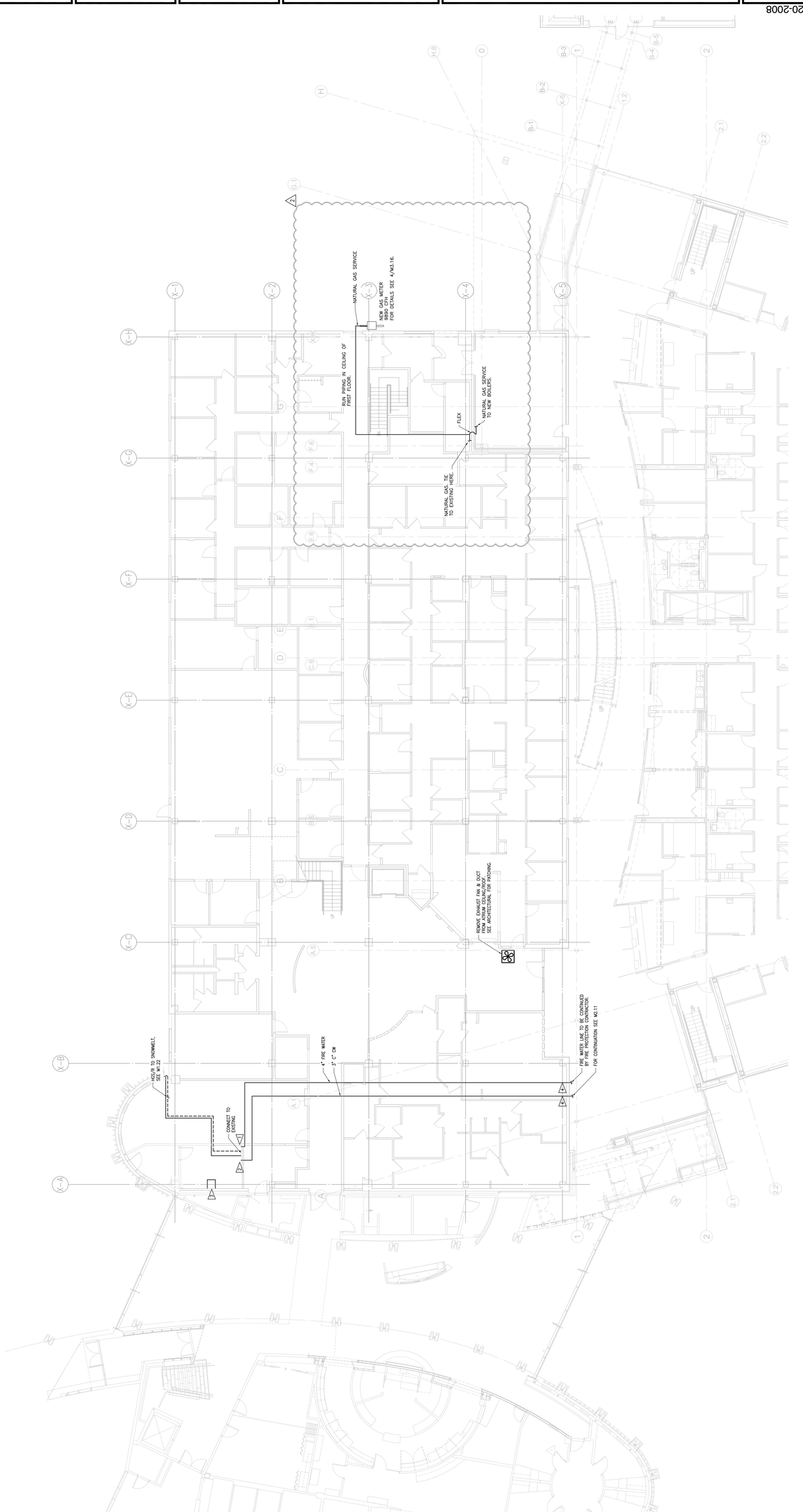
R.K. KOCH
LIC 5469
REGISTERED PROFESSIONAL ENGINEER
May 21, 2008
49 TH

SHEET NOTES:

1. TIE FIRE WATER FOR PCC III INTO EXISTING 4" RISER
2. TIE DOMESTIC WATER INTO EXISTING WATER SUPPLY FROM PCC I & II
3. SNOW MELT HEAT EXCHANGER LOCATED HERE. TIE TO EXISTING PIPING AT LOCATION SHOWN FOR NEW SNOWMELT ZONES 3 & 4. SEE M3.10 FOR SNOW MELT LAYOUT
4. SEISMIC FLEX CONNECTION AT THIS SEISMIC JOINT. SEE 11/M2.15



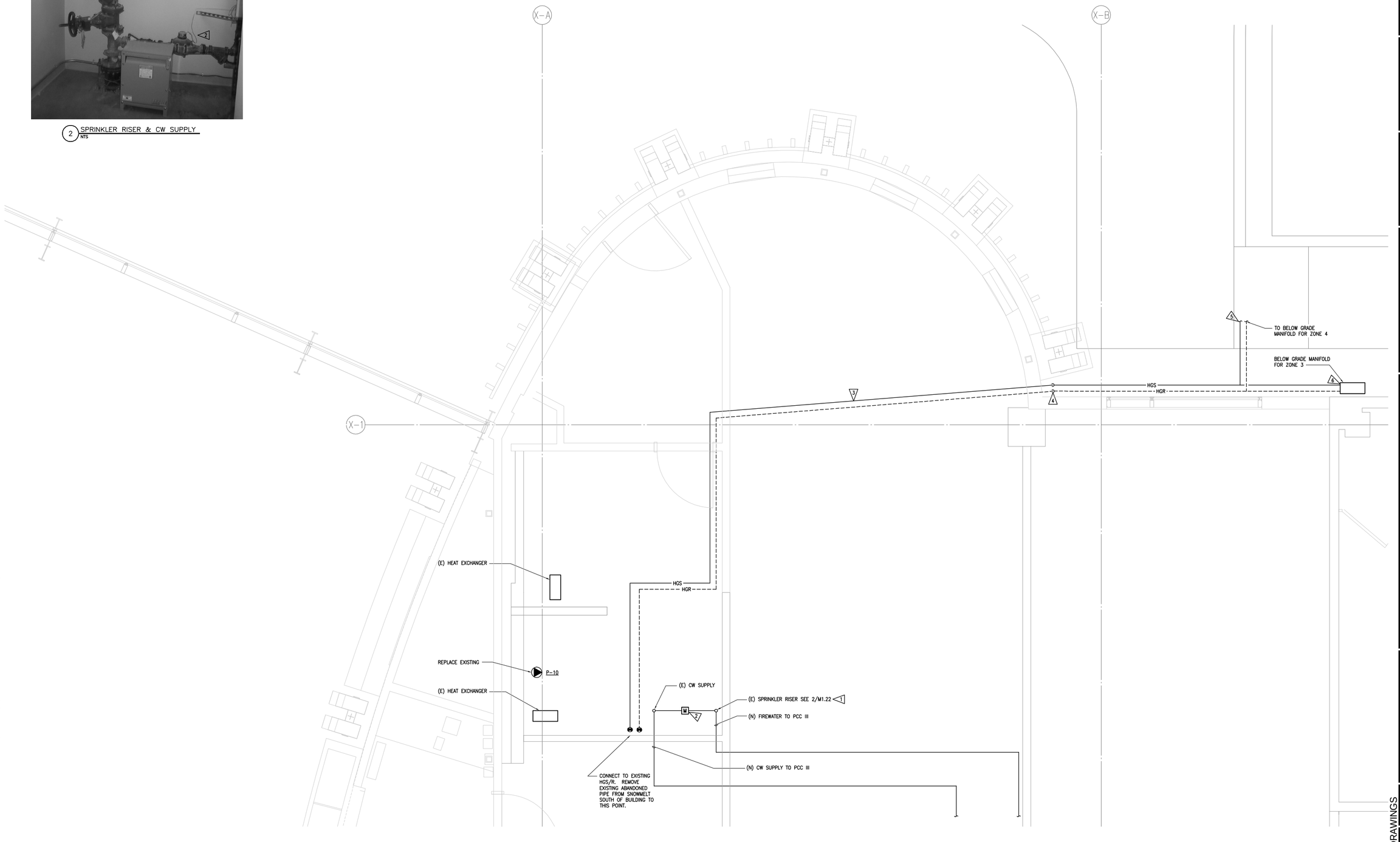
1 PCC1 — FLOOR PLAN — LEVEL 1
1/8" = 1'-0"

User: HOUSTON May 21, 2008 - 3:37pm
Drawing: J:\06J0BS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M1.21 PCC1 FLOOR 1.DWG - Layout: M1.21 PCC1 FLOOR 1

2 SPRINKLER RISER & CW SUPPLY
NTS

SHEET NOTES:

1. (E) SPRINKLER RISER
2. (E) CW SUPPLY METER
3. RUN PIPING IN CEILING
4. RUN PIPING CONCEALED BEHIND WOODEN COLUMN DOWN TO UNDERGROUND.
5. USE TWO PIPE PRE-INSULATED PEX FOR BELOW GRADE SERVICE.
6. USE POLY OR FIBERGLASS PIT WITH WATER TIGHT LID.



1 PCC1 – ENLARGED MECHANICAL ROOM
1/2" = 1'-0"

1/2"=1'-0" 0 1 2 4 6

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DATE	03-17-2008
DRAWN	NMH
REVIEWED	WKM

CONFORMED DRAWINGS

PCC1 ENLARGED MECH RM

SHEET NO.
M1.22
M1.22 PCC1 ENLARGED MECH RM.DWG

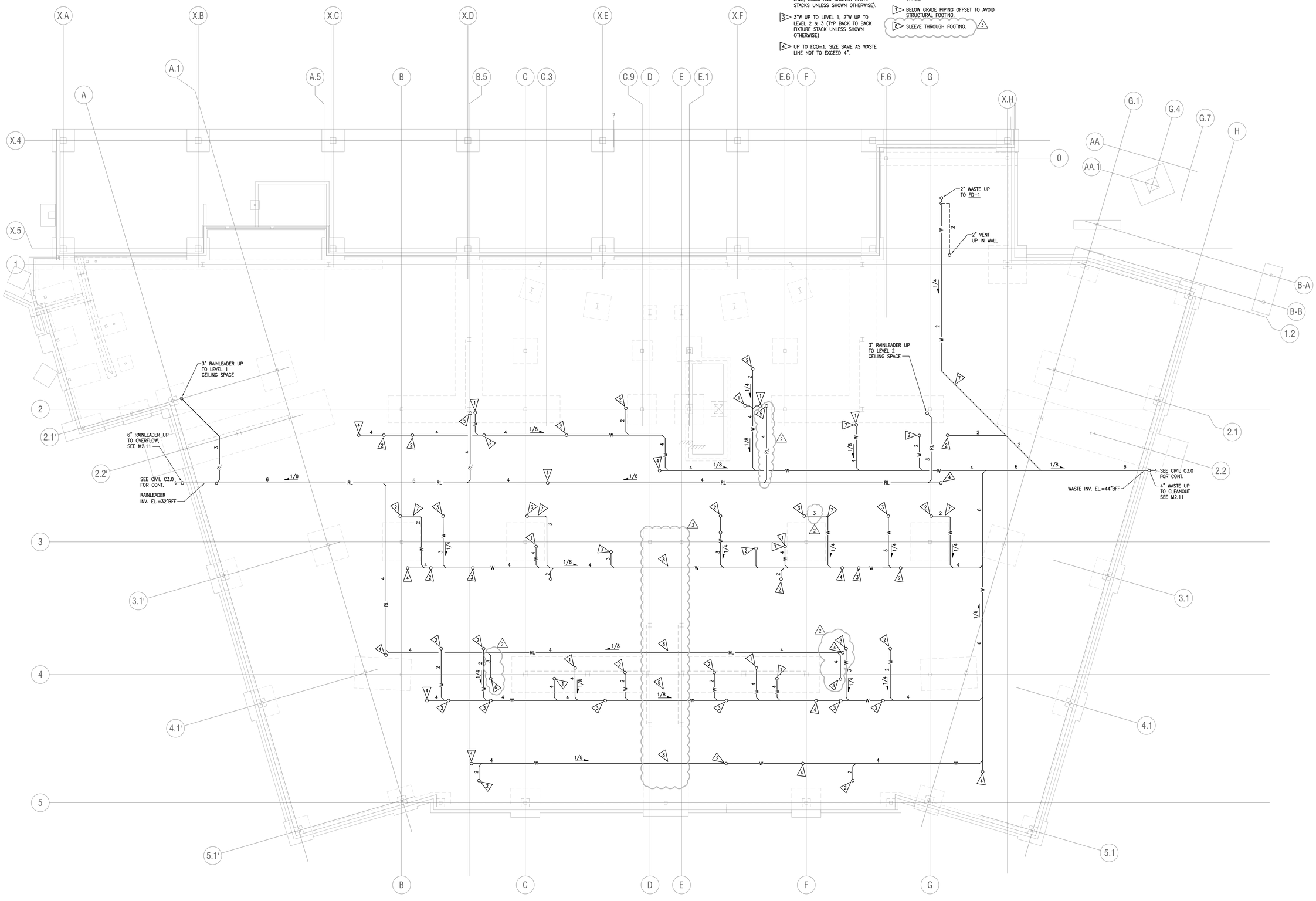
User: MORROW Apr 18, 2008 – 3:42pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M1.22 PCC1 ENLARGED MECH RM.DWG – Layout: M1.22 PCC1 ENLARGED MECH RM

GENERAL NOTES:

1. ALL PIPING RUNS UNDERSLAB.
2. TOP OF FOOTINGS LOCATED AT 24" B.F.F.

SHEET NOTES:

1. 4"W UP TO LEVEL 1, 2 & 3, (TYP ALL WATER CLOSET WASTE STACKS).
2. 2"W UP TO LEVEL 1, 2 & 3 (TYP ALL LAVS, SINKS AND SHOWER WASTE STACKS UNLESS SHOWN OTHERWISE).
3. 3"W UP TO LEVEL 1, 2"W UP TO LEVEL 2 & 3 (TYP BACK TO BACK FIXTURE STACK UNLESS SHOWN OTHERWISE)
4. UP TO ECO-1, SIZE SAME AS WASTE LINE NOT TO EXCEED 4".
5. 4" RAINLEADER UP TO LEVEL 3 CEILING SPACE.
6. 3" RAINLEADER UP TO LEVEL 3 CEILING SPACE.
7. BELOW GRADE PIPING OFFSET TO AVOID STRUCTURAL FOOTING.
8. SLEEVE THROUGH FOOTING. (3)



1 PLUMBING – FLOOR PLAN – UNDERSLAB
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

User: HOUSTON May 21, 2008 - 3:37pm
Drawing: J:\JOBJOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M2.10 PLUMBING UNDERSLAB.DWG - Layout: M2.10 PLUMBING - UNDERSLAB

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SHEET REISSUED FOR CONFORMED SET 05-20-2008

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REVIEWED	WKM

PLUMBING UNDERSLAB FLOOR PLAN

SHEET NO.
M2.10
M2.10 PLUMBING UNDERSLAB.DWG

SHEET NOTES:

1. 1" HWC UP TO LEVEL 3.
2. 1/2"CW, 1/2"HW & 2"W DN TO LEVEL 1 FIXTURES, 3/4"CW, 3/4"HW & 2"W UP.
3. 1 1/2"CW, 1/2"HW & 4"W DN TO LEVEL 1 FIXTURES. 1 1/2"CW, 3/4"HW AND 4"W UP.
4. FEED FIXTURE W/ 1/2"CW & HW, 1 1/2"W & 1 1/2"V FROM WATER CLOSET RISERS.
5. AVOID PLUMBING RISERS IN BRACE WALL.
6. SEISMIC FLEX, SEE 11/M2.15.
7. SP-1, SEE DETAIL 4/M2.15.
8. PROVIDE ISOLATION VALVE TO MAIN SUPPLYING RISERS (TYP).
9. PROVIDE TRAP PRIMER, TP-1 FOR FLOOR DRAIN, SEE 7/M2.15.
10. 3" RAINLEADER UP TO RD-1.
11. 3" RAINLEADER UP TO ORD-1.
12. 2" VENT DN IN WALL TO UNDERSLAB.
13. 1 1/2" CW & 3/4" HW.
14. 1 1/2"V UP FROM LEVEL 1 FIXTURE (TYP UNLESS NOTED OTHERWISE)
15. 2"V UP FROM LEVEL 1 FIXTURE (TYP UNLESS NOTED OTHERWISE)
16. 1/2"CW, 1 1/2"W & 1 1/2"V DN TO LEVEL 1, UP TO LEVEL 2 & 3.
17. COORDINATE PLUMBING PIPING W/ STRUCTURAL BRACING BEAMS.
18. SEE 13/M2.15 FOR TYPICAL CW, HW, W AND VENT RISER DETAIL.
19. 4" RAINLEADER UP TO LEVEL 3, DN TO UNDERSLAB.
20. 3" RAINLEADER UP TO LEVEL 3, DN TO UNDERSLAB.
21. 3" RAINLEADER UP TO LEVEL 2, DN TO UNDERSLAB.

GENERAL PLUMBING NOTES:

1. CW AND HW PIPING RUNS IN LEVEL 1 CEILING SPACE, (TYP UNLESS SHOWN OTHERWISE).
2. WASTE PIPING RUNS UNDERSLAB, SEE M2.10 (TYP UNLESS SHOWN OTHERWISE).
3. VENT PIPING RUNS IN LEVEL 3 CEILING SPACE, SEE M2.13 (TYP UNLESS SHOWN OTHERWISE)
4. RAINLEADER PIPING RUNS IN LEVEL 1, 2 & 3 CEILING SPACE AND BELOW SLAB. SEE PLANS.
5. SEE PLUMBING FIXTURE SCHEDULE FOR MINIMUM CW, HW, W & V FIXTURE CONNECTION SIZES. LARGER PIPE SIZES MAY BE SHOWN ON PLANS.

CONNECT TO (E) CW FROM PCC 1, SEE M1.21

FIREWATER FROM PCC 1, SEE M1.21

3"CW MAIN IN LEVEL 1 CEILING SPACE

3" RAINLEADER DN TO BELOW GRADE

6" OVERFLOW GOOSENECK (HEAT TRACED)

SUMP PUMP DISCHARGE, TURN DOWN

HWG-1, SEE 8/M2.15

2"CW 2"HW 1 1/4"HWC

2 1/2"CW 2"HW

2"CW 2"HW

3"CW 2"HW

2"CW 1 1/4"HW

2 1/2"CW 1 1/4"HW

2"CW 1"HW

FCO-1, SEE 6/M2.15 (TYP)

HB-1, SEE 1/M2.15 (TYP)

1 PLUMBING – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

User: HOUSTON May 21, 2008 - 3:37pm
Drawing: J:\06\DES\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M2.11 PLUMBING FLOOR 1.DWG - Layout: M2.11 PLUMBING - LEVEL 1

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DRAWN	JDG
REVIEWED	WKM

PLUMBING FLOOR PLAN LEVEL 1

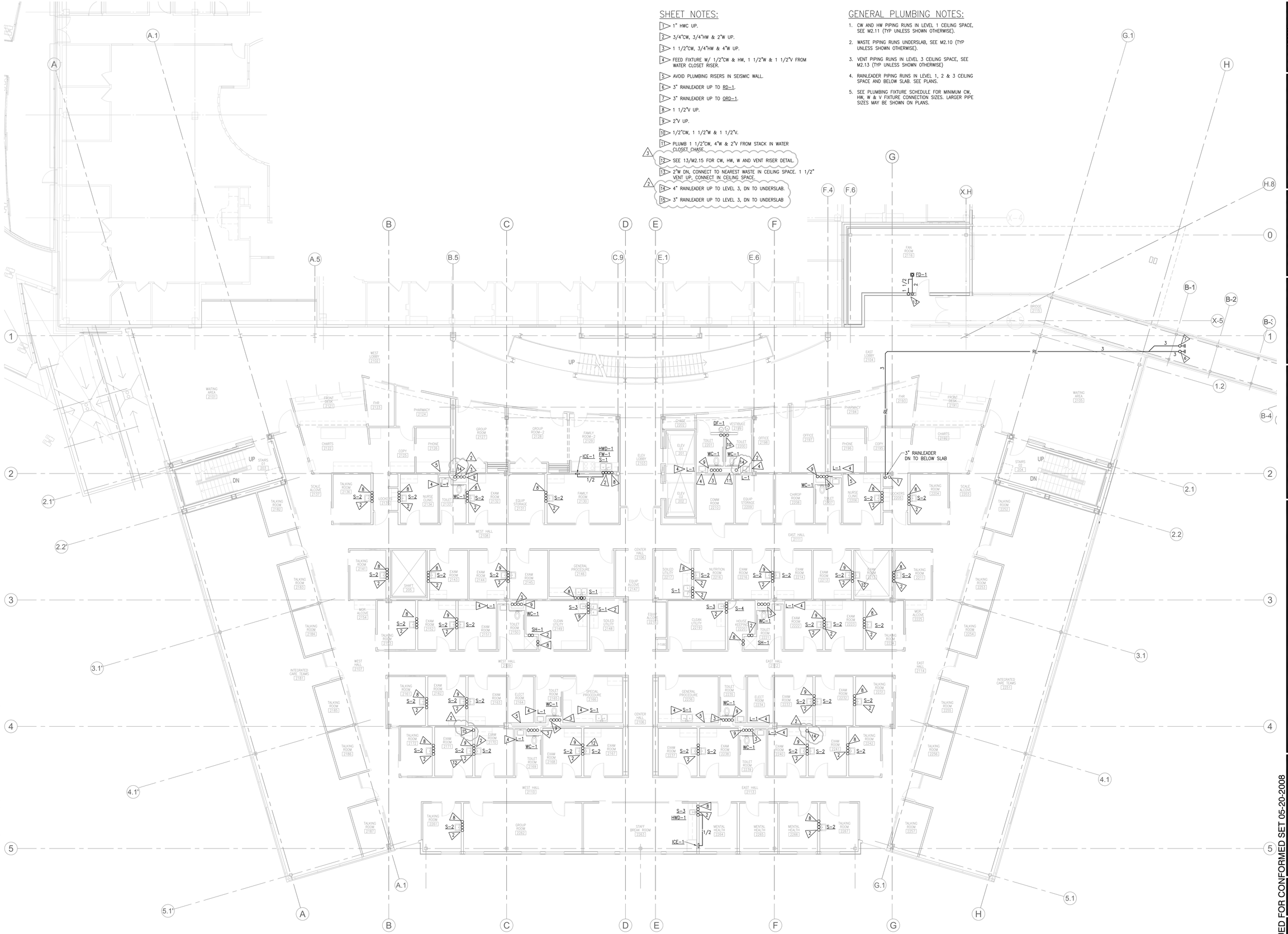
SHEET NO.
M2.11
M2.11 PLUMBING FLOOR 1.DWG

SHEET NOTES:

1. 1" HWC UP.
2. 3/4"CW, 3/4"HW & 2"W UP.
3. 1 1/2"CW, 3/4"HW & 4"W UP.
4. FEED FIXTURE W/ 1/2"CW & HW, 1 1/2"W & 1 1/2"V FROM WATER CLOSET RISER.
5. AVOID PLUMBING RISERS IN SEISMIC WALL.
6. 3" RAINLEADER UP TO RD-1.
7. 3" RAINLEADER UP TO ORD-1.
8. 1 1/2"V UP.
9. 2"V UP.
10. 1/2"CW, 1 1/2"W & 1 1/2"V.
11. PLUMB 1 1/2"CW, 4"W & 2"V FROM STACK IN WATER CLOSET CHASE.
12. SEE 13/M2.15 FOR CW, HW, W AND VENT RISER DETAIL.
13. 2"W DN, CONNECT TO NEAREST WASTE IN CEILING SPACE. 1 1/2" VENT UP, CONNECT IN CEILING SPACE.
14. 4" RAINLEADER UP TO LEVEL 3, DN TO UNDERSLAB.
15. 3" RAINLEADER UP TO LEVEL 3, DN TO UNDERSLAB

GENERAL PLUMBING NOTES:

1. CW AND HW PIPING RUNS IN LEVEL 1 CEILING SPACE, SEE M2.11 (TYP UNLESS SHOWN OTHERWISE).
2. WASTE PIPING RUNS UNDERSLAB, SEE M2.10 (TYP UNLESS SHOWN OTHERWISE).
3. VENT PIPING RUNS IN LEVEL 3 CEILING SPACE, SEE M2.13 (TYP UNLESS SHOWN OTHERWISE)
4. RAINLEADER PIPING RUNS IN LEVEL 1, 2 & 3 CEILING SPACE AND BELOW SLAB. SEE PLANS.
5. SEE PLUMBING FIXTURE SCHEDULE FOR MINIMUM CW, HW, W & V FIXTURE CONNECTION SIZES. LARGER PIPE SIZES MAY BE SHOWN ON PLANS.



1 PLUMBING – FLOOR PLAN – LEVEL 2
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS
4. SHEET REISSUED 5-20-08

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DATE	5-20-2008
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PLUMBING FLOOR PLAN LEVEL 2

SHEET NO.
M2.12
M2.12 PLUMBING FLOOR 2.DWG

User: HOUSTON, May 21, 2008 – 3:38pm
Drawing: J:\06JOBS\06674 - SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M2.12 PLUMBING FLOOR 2.DWG – Layout: M2.12 PLUMBING – LEVEL 2

SHEET NOTES:

1. 1 1/4" HWC DN, SEE M2.11.
2. 3/4"CW, 3/4"HW & 2"W DN.
3. 1 1/2"CW, 3/4"HW & 4"W DN.
4. FEED FIXTURE W/ 1/2"CW & HW, 1 1/2"W & 1 1/2"V FROM WATER CLOSET RISER.
5. AVOID RISERS IN SEISMIC WALL.
6. 3" RAINLEADER UP TO RD-1.
7. 3" RAINLEADER UP TO ORD-1.
8. 4" RAINLEADER DN TO UNDERSLAB.
9. 3" RAINLEADER DN TO UNDERSLAB.
10. 3" VENT UP, 4" VTR. SEE M2.14.
11. 1 1/2" VENT DN.
12. 2" VENT DN.
13. 1/2"CW, 1 1/2"W & 1 1/2"V DN TO LEVEL 2 & 1.
14. PLUMB 1 1/2"CW, 4"W & 2"V FROM STACK IN WATER CLOSET CHASE.
15. AVOID RUNNING PIPING THRU ELEVATOR SHAFT.
16. SEE 13/M2.15 FOR TYPICAL CW, HW, W AND VENT RISER DETAIL.

GENERAL PLUMBING NOTES:

1. CW AND HW PIPING RUNS IN LEVEL 1 CEILING SPACE, SEE M2.11 (TYP UNLESS SHOWN OTHERWISE).
2. WASTE PIPING RUNS UNDERSLAB, SEE M2.10 (TYP UNLESS SHOWN OTHERWISE).
3. VENT PIPING RUNS IN LEVEL 3 CEILING SPACE, SEE M2.13 (TYP UNLESS SHOWN OTHERWISE)
4. RAINLEADER PIPING RUNS IN LEVEL 1, 2 & 3 CEILING SPACE AND BELOW SLAB. SEE PLANS.
5. SEE PLUMBING FIXTURE SCHEDULE FOR MINIMUM CW, HW, W & V FIXTURE CONNECTION SIZES. LARGER PIPE SIZES MAY BE SHOWN ON PLANS.

1 PLUMBING – FLOOR PLAN – LEVEL 3
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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CONFORMED DRAWINGS

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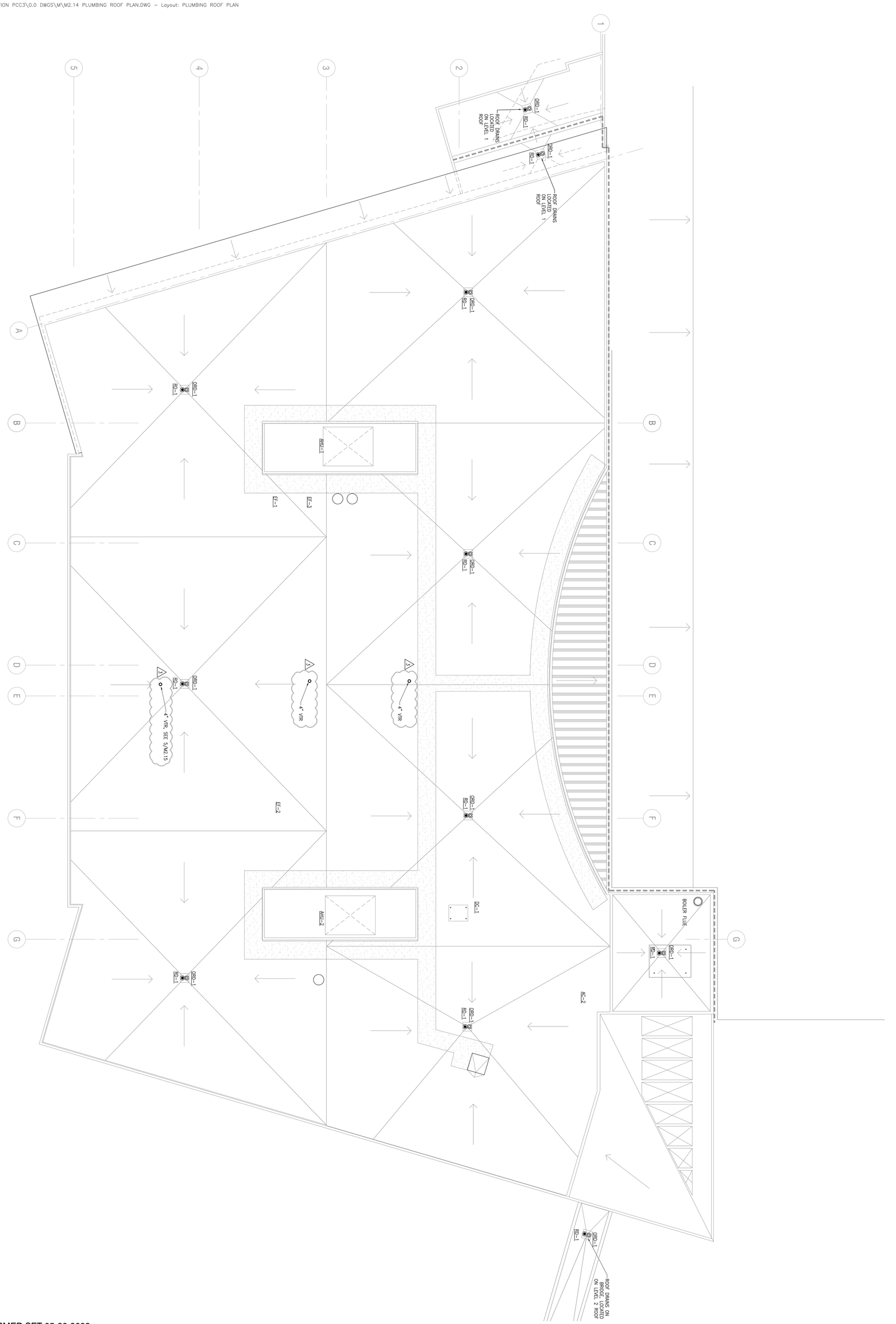
PLUMBING FLOOR PLAN LEVEL 3

SHEET NO. **M2.13**

M2.13 PLUMBING FLOOR 3.DWG

User: MORROW Apr 18, 2008 - 3:43pm
Drawing: J:\06J0B5\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M2.13 PLUMBING FLOOR 3.DWG - Layout: M2.13 PLUMBING - LEVEL 3



1 PLUMBING – ROOF PLAN
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 8 16 24

SHEET REISSUED FOR CONFORMED SET 05-20-2008

SHEET NO.	M2.14
	PLUMBING ROOF PLAN
JOB NO.	100179.00
DATE	5-20-2008
DRAWN	JDG
REVIEWED	WKM

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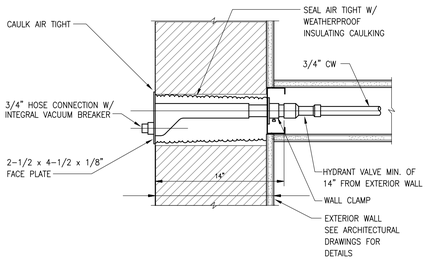
W.K. MCNEAL
May 21, 2008
ME 5480
REGISTERED PROFESSIONAL ENGINEER



1 TYPICAL EXTERIOR HOSE BIBB DETAIL
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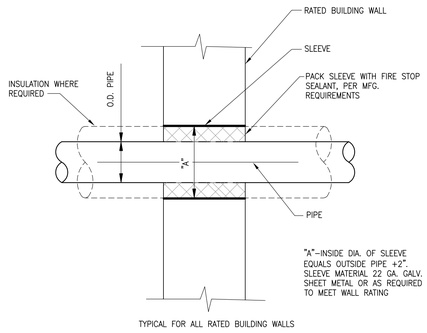

2 RATED WALL PIPE PENETRATION DETAIL
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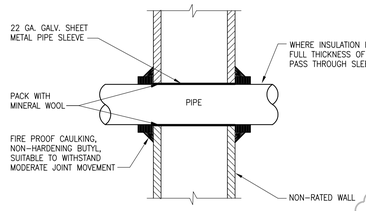

3 NON-RATED WALL PIPE PENETRATION DETAIL
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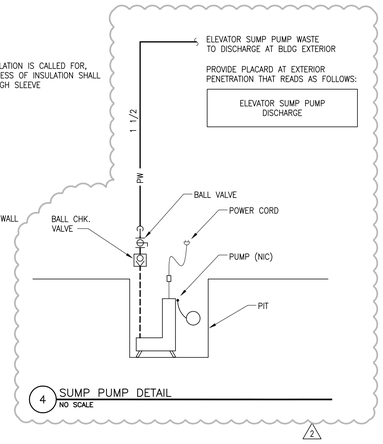

4 SUMP PUMP DETAIL
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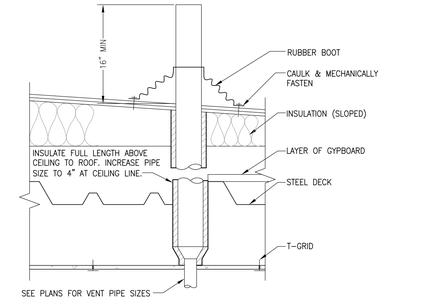
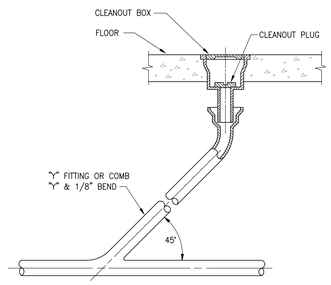


5 PLUMBING VENT THROUGH ROOF DETAIL
NO SCALE



6 FLOOR CLEANOUT DETAIL
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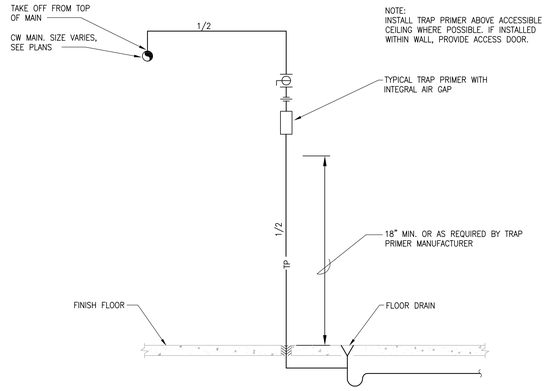
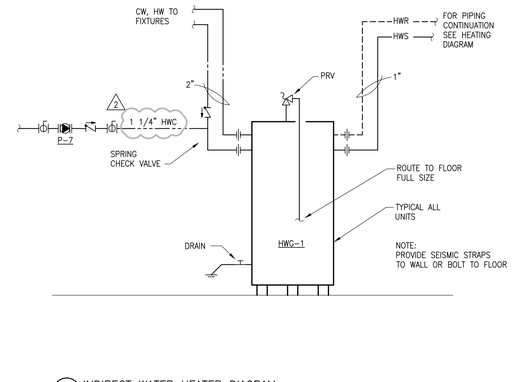
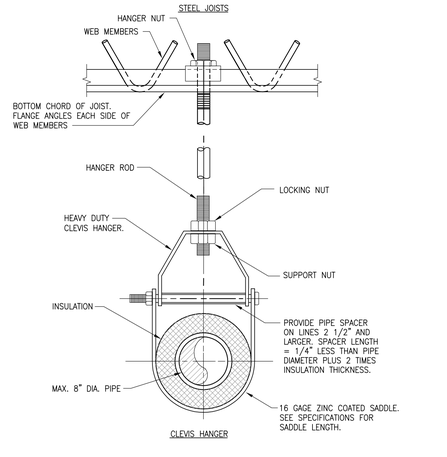


7 TP-1 DETAIL
NO SCALE

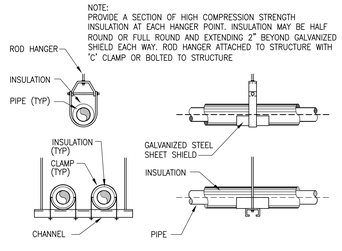


8 INDIRECT WATER HEATER DIAGRAM
NO SCALE

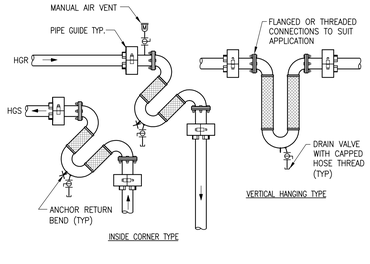
13 TYPICAL CW, HW, W & VENT RISER DETAIL
NO SCALE



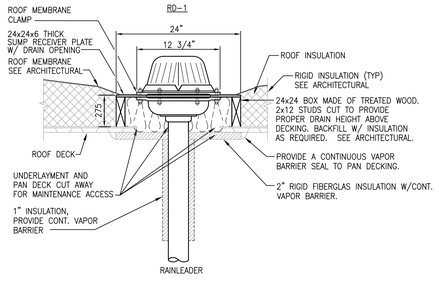
9 TYPICAL PLUMBING PIPE SUPPORT DETAIL
NO SCALE



10 TYPICAL PLUMBING PIPE HANGAR DETAIL
NO SCALE



11 PIPE EXPANSION/SEISMIC LOOP DETAILS
NO SCALE



12 ROOF DRAIN DETAIL
NO SCALE

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WILLIAM K. MORTON
ME 5485
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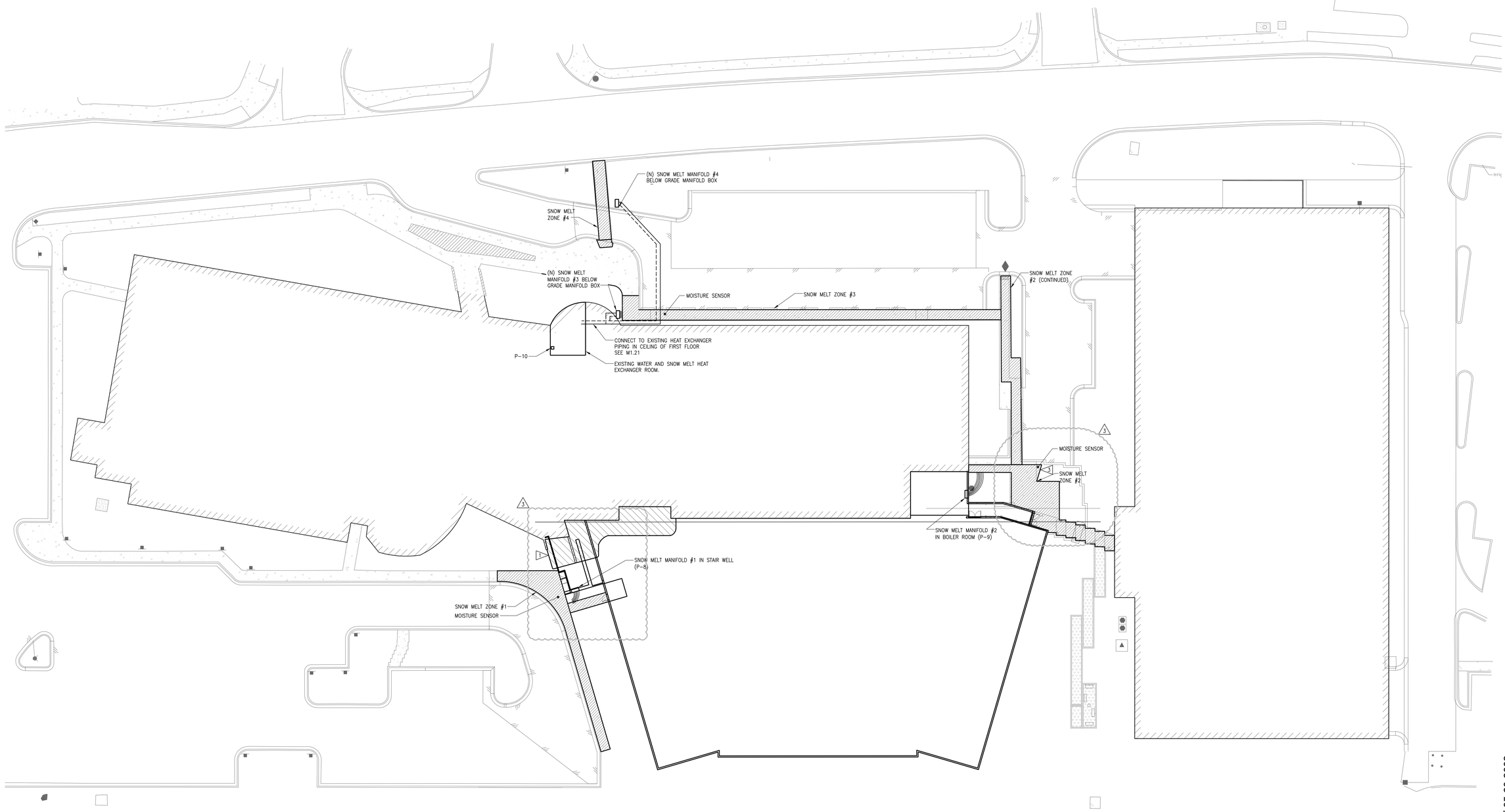
PLUMBING DETAILS

SHEET NO.
M2.15
M2.15 PLUMBING DETAILS.DWG

User: HOUSTON, May 21, 2008 - 3:38pm
Drawing: J:\06\085\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M2.15 PLUMBING DETAILS.DWG - Layout: M2.15 PLUMBING DETAILS

SHEET NOTES:

1. ISOLATE EXISTING SNOWMELT IN PREPARATION FOR DEMOLITION. REMOVE PIPING BACK TO PCC I SNOW MELT ROOM SEE M1.21.
2. FOR SNOWMELT DETAILS SEE SHEET 3.16
3. COORDINATE COLUMN W/ SNOWMELT



1 HEATING – SITE PLAN
1" = 20'

1"=20'-0" 0 10 20 40 60

User: HOUSTON May 21, 2008 – 3:39pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M3.10 HEATING SITE PLAN.DWG – Layout: M3.10 HEATING SITE PLAN

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HEATING SITE PLAN

SHEET NO.
M3.10
M3.10 HEATING SITE PLAN.DWG

SHEET NOTES:

1. HGS/HGR DOWN IN CHASE, SEE ARCHITECTURAL
2. SEISMIC FLEX CONNECTOR, SEE 1/M2.15
3. ROUTE HGS/R PIPING TO TERMINAL UNITS IN INTERIOR WALL
4. PROVIDE 3/4 BALL VALVE, WITH CAPPED HOSE THREADED DRAIN BETWEEN LINE INSOLATION VALVE IN HGS/R AND RISER FOR MAINTENANCE DRAINING OF RISER.
5. SNOWMELT MANIFOLD #1. (P-8). SEE 3/M3.16.

SEE 1/M6.10 FOR ENLARGED BOILER ROOM PLAN

4 HGS/R UP TO THIRD FLOOR, SEE 1/M3.13 FOR CONT

2-1/2 HGS/R UP TO SECOND FLOOR, SEE 1/M3.12 FOR CONT

BYPASS VALVE BALANCE TO 6 GPM

1" HGS/R DN

3/4 HGS/R DN

HGR

HGS

SCH

CUH-1 CUH-2 CUH-3 CUH-4

TB-101 TB-102 TB-103 TB-104 TB-105 TB-106 TB-107 TB-108 TB-109 TB-110 TB-111 TB-112 TB-113 TB-114 TB-115 TB-116 TB-117 TB-118 TB-119 TB-120 TB-121 TB-122 TB-123 TB-124 TB-125 TB-126 TB-127 TB-128 TB-129 TB-401 TB-402 TB-403 TB-411

BB-1 15 / 15 1.8

BB-1 6 / 6 0.7

BB-1 3 / 3 0.3

BB-1 2 / 2 0.2

BB-1 5 / 5 0.6

BB-1 10 / 10 1.2

1 HEATING – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

User: HOUSTON May 21, 2008 - 3:38pm
Drawing: J:\JOBJOBS\08674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M3.11 HEATING FLOOR 1.DWG - Layout: M3.11 HEAT - LEVEL 1

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HEATING FLOOR PLAN LEVEL 1

SHEET NO. M3.11

M3.11 HEATING FLOOR 1.DWG

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HEATING FLOOR PLAN LEVEL 2

SHEET NO. M3.12

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SHEET NOTES:

1. HGS/HGR DOWN IN CHASE AND UP TO 3RD FLOOR BB, SEE ARCHITECTURAL

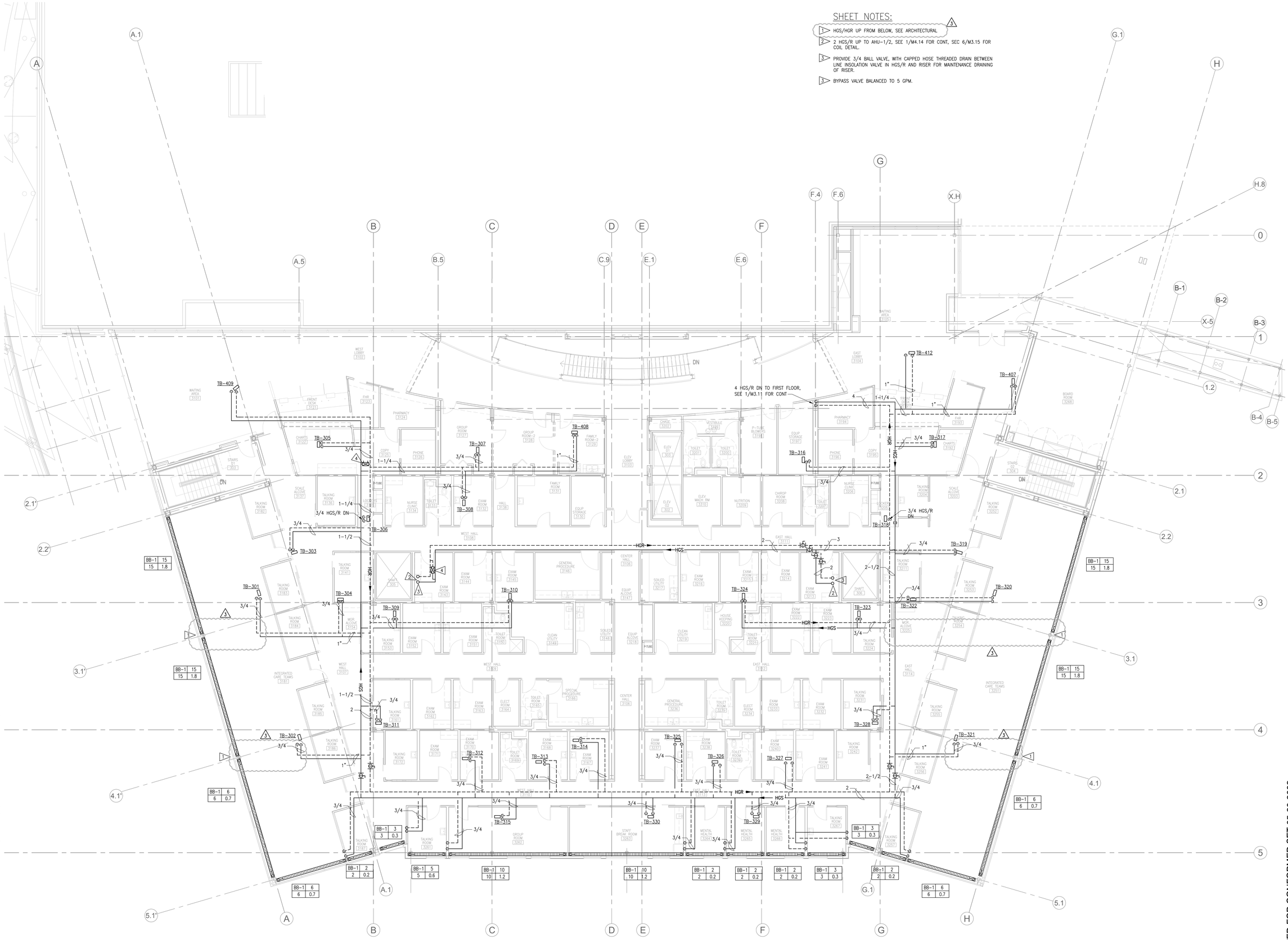
1 HEATING – FLOOR PLAN – LEVEL 2
1/8"=1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

User: HOUSTON May 21, 2008 - 3:33pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M3.12 HEATING FLOOR 2.DWG - Layout: M3.12 HEAT - LEVEL 2

SHEET NOTES:

1. HGS/HGR UP FROM BELOW, SEE ARCHITECTURAL
2. 2 HGS/R UP TO AHU-1/2, SEE 1/M4.14 FOR CONT, SEC 6/M3.15 FOR COIL DETAIL.
3. PROVIDE 3/4 BALL VALVE, WITH CAPPED HOSE THREADED DRAIN BETWEEN LINE INSOLATION VALVE IN HGS/R AND RISER FOR MAINTENANCE DRAINING OF RISER.
3. BYPASS VALVE BALANCED TO 5 GPM.



1 HEATING – FLOOR PLAN – LEVEL 3
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User: HOUSTON May 21, 2008 - 3:39pm
Drawing: J:\DWGS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M3.13 HEATING FLOOR 3.DWG – Layout: M3.13 HEAT – LEVEL 3

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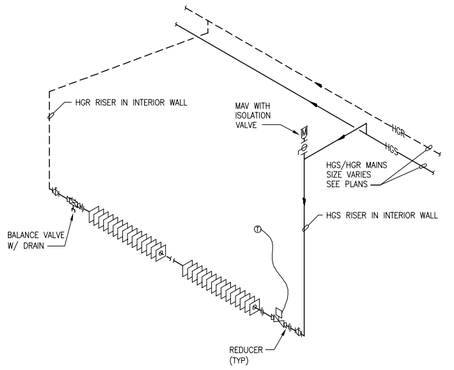
REVIEWED	WKM

HEATING FLOOR PLAN LEVEL 3

SHEET NO.
M3.13
M3.13 HEATING FLOOR 3.DWG



1 BASEBOARD OPPOSITE END CONNECTION DETAIL
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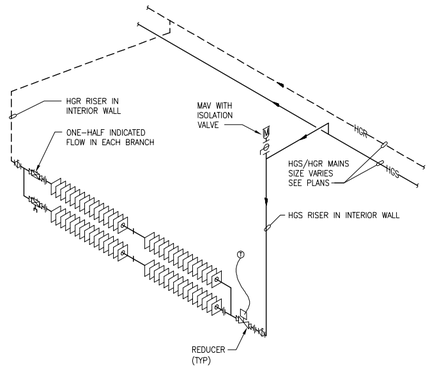

2 BASEBOARD OPPOSITE END CONNECTION DETAIL
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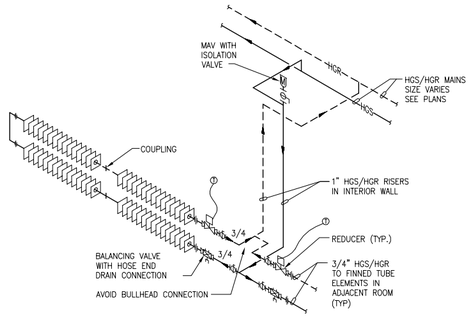

3 BASEBOARD CONNECTION DETAIL
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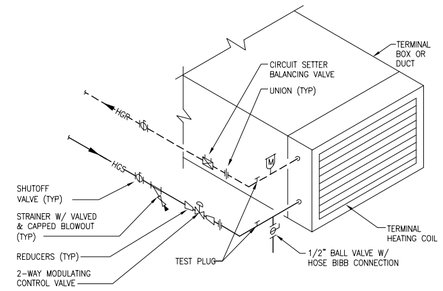
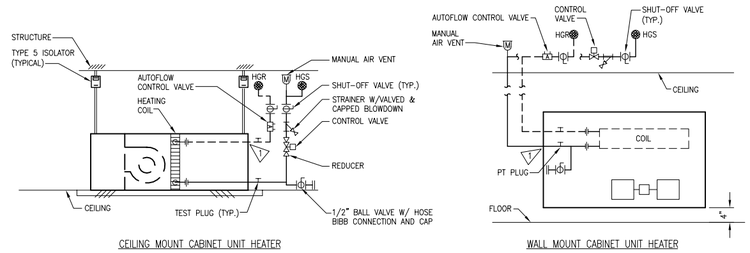
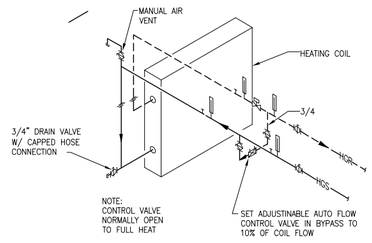


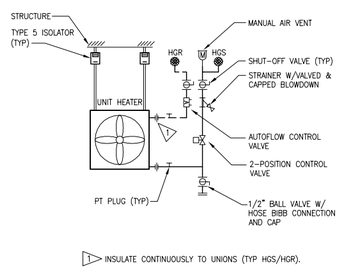
4 TERMINAL HGR HEATING COIL PIPING
NO SCALE



5 CEILING AND WALL MOUNT CABINET UNIT HEATER PIPING DETAIL
NO SCALE



6 AHU COIL HOOK-UP DIAGRAM
NO SCALE



7 HYDRONIC UNIT HEATER PIPING DETAIL
NO SCALE

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3 04-17-2008 COORDINATION CORRECTIONS

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DATE	03-17-2008
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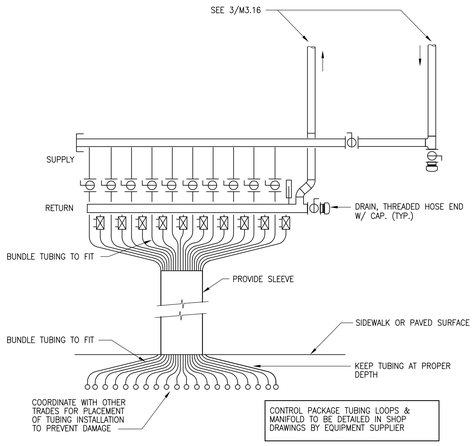
REVIEWED	WKM

CONFORMED DRAWINGS

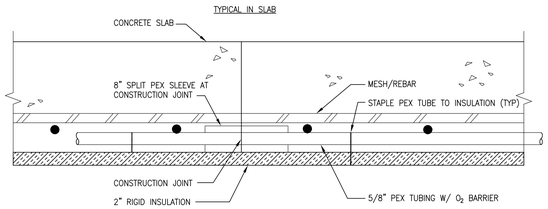
HEATING DETAILS

SHEET NO.
M3.15
M3.15 HEATING DETAILS.DWG

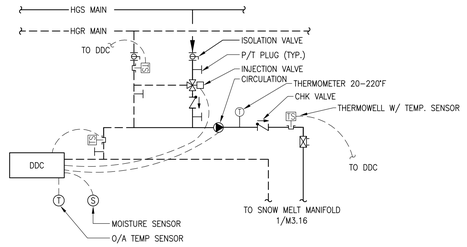
User: MORROW Apr 18, 2008 - 3:45pm
Drawing: J:\06\08S\0674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M3.15 HEATING DETAILS.DWG - Layout: M3.15 HEATING DETAILS



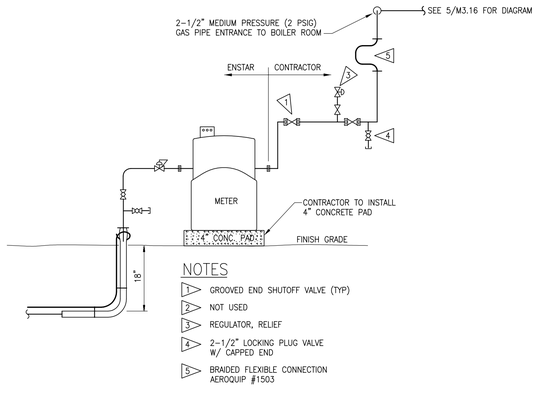
1 SNOW MELT MANIFOLD DETAIL
NO SCALE



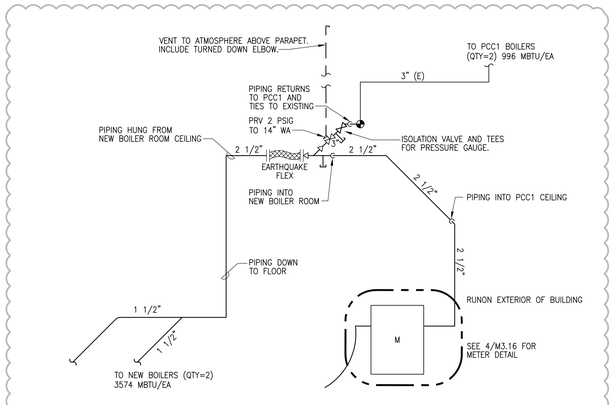
2 SNOW MELT INSTALLATION IN SLAB DETAIL
NO SCALE



3 RADIANT SNOW MELT PANEL DIAGRAM
NO SCALE



4 GAS SERVICE DETAIL
NO SCALE



5 GAS PIPING DIAGRAM
NO SCALE

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HEATING DETAILS

SHEET NO.
M3.16
M3.16 HEATING DETAILS.DWG

LOW PRESSURE DUCT RUNOUT SIZING(2)

DIA. (IN) (1)	SUPPLY (CFM)	EXHAUST (CFM)
6	0 – 110	0 – 90
7	111 – 160	91 – 140
8	161 – 230	141 – 200
9	231 – 300	201 – 280
10	301 – 410	281 – 380
12	411 – 680	381 – 600
14	681 – 1000	601 – 900
16	1001 – 1400	901 – 1300
18	1401 – 2000	1301 – 1700
20	2001 – 2500	1701 – 2300
22	2501 – 3400	2301 – 3000

NOTES:

(1) ROUND DUCT MAY BE REPLACED WITH SQUARE OR RECTANGULAR DUCT WITH THE SAME CROSS SECTIONAL AREA. NO SIDE SHALL BE LESS THAN 6 INCHES.

(2) TRANE DUCTULATOR IS AN ACCEPTABLE TOOL FOR SIZING DUCT. LOW PRESSURE SUPPLY DUCT TO BE SIZED AT 0.10 IN W.G. PER 100 FT PRESSURE DROP. EXHAUST/RETURN DUCT TO BE SIZED AT 0.08 IN W.G. PER 100 FT PRESSURE DROP.

SHEET NOTES:

1. SMOKE DAMPERS ON SUPPLY & EXHAUST TO THIS ROOM.
2. ALL RETURN AIR GRILLES TO HAVE SOUND LINED BOOTS (SEE 2/M4.16).
3. FLEX DUCT TO BE 7 FT MAXIMUM LENGTH AND NOT USED ABOVE NON-ACCESSIBLE CEILINGS.
4. 6ø UP TO 2ND FLR AND EF-3
5. 16ø UP TO 2ND FLR AND EF-1
6. INSTALL DUCT IN RATED NOTCH IN SHAFT.

BOILER FLUE UP IN CHASE

SEE 1/M6.10 FOR CONTINUATION

FLAT OVAL TRANSITION FITTING TO ROUND

1 VENTILATION – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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VENTILATION FLOOR PLAN LEVEL 1

SHEET NO.
M4.11
M4.11 VENTILATION FLOOR 1.DWG

User: HOUSTON May 21, 2008 – 3:39pm
Drawing: J:\06\DES\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M4.11 VENTILATION FLOOR 1.DWG – Layout: M4.11 VENTILATION – LEVEL 1

LOW PRESSURE DUCT RUNOUT SIZING(2)

DIA. (IN) (1)	SUPPLY (CFM)	EXHAUST (CFM)
6	0 – 110	0 – 90
7	111 – 160	91 – 140
8	161 – 230	141 – 200
9	231 – 300	201 – 280
10	301 – 410	281 – 380
12	411 – 680	381 – 600
14	681 – 1000	601 – 900
16	1001 – 1400	901 – 1300
18	1401 – 2000	1301 – 1700
20	2001 – 2500	1701 – 2300
22	2501 – 3400	2301 – 3000

NOTES:

(1) ROUND DUCT MAY BE REPLACED WITH SQUARE OR RECTANGULAR DUCT WITH THE SAME CROSS SECTIONAL AREA. NO SIDE SHALL BE LESS THAN 6 INCHES.

(2) TRANE DUCTULATOR IS AN ACCEPTABLE TOOL FOR SIZING DUCT. LOW PRESSURE SUPPLY DUCT TO BE SIZED AT 0.10 IN W.G. PER 100 FT PRESSURE DROP. EXHAUST/RETURN DUCT TO BE SIZED AT 0.08 IN W.G. PER 100 FT PRESSURE DROP.

SHEET NOTES:

1. ALL RETURN AIR INTO CHASE TO HAVE SOUND LINED BOOTS.
2. ALL RETURN AIR GRILLES TO HAVE SOUND LINED BOOTS (SEE 2/M4.16).
3. TRANSITION FROM/TO ROUND
4. SMOKE DAMPERS ON SUPPLY AND EXHAUST TO THIS ROOM.
5. THIS FAN EXHAUST COMM ROOM IN TO CEILING PLENUM DURING POWER FAILURE.
6. 12ø UP TO 3RD FLOOR.
7. FLEX DUCT TO BE 7 FT MAXIMUM LENGTH AND NOT TO BE USED ABOVE INACCESSIBLE CEILINGS.
8. 18ø UP TO 3RD FLOOR
9. LOCATE AC-1 ABOVE CEILING WITH ACCESS FROM ABOVE COORIDOR CEILING. AC-1 PIPING TO RUN UP IN WALL TO DC-1 ON ROOF.

AHU-3

FOR DETAILED FAN ROOM SEE 2/M6.10

BOILER FLUE

FLAT OVAL

22"ø

UP

DN

ACCESS

1 VENTILATION – FLOOR PLAN – LEVEL 2
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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VENTILATION FLOOR PLAN LEVEL 2

SHEET NO. M4.12

M4.12 VENTILATION FLOOR 2.DWG

User: HOUSTON May. 21, 2008 – 3:39pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M4.12 VENTILATION FLOOR 2.DWG – Layout: M4.12 VENTILATION – LEVEL 2

LOW PRESSURE DUCT RUNOUT SIZING(2)

DIA. (IN) (1)	SUPPLY (CFM)	EXHAUST (CFM)
6	0 – 110	0 – 90
7	111 – 160	91 – 140
8	161 – 230	141 – 200
9	231 – 300	201 – 280
10	301 – 410	281 – 380
12	411 – 680	381 – 600
14	681 – 1000	601 – 900
16	1001 – 1400	901 – 1300
18	1401 – 2000	1301 – 1700
20	2001 – 2500	1701 – 2300
22	2501 – 3400	2301 – 3000

NOTES:

(1) ROUND DUCT MAY BE REPLACED WITH SQUARE OR RECTANGULAR DUCT WITH THE SAME CROSS SECTIONAL AREA. NO SIDE SHALL BE LESS THAN 6 INCHES.

(2) TRANE DUCTULATOR IS AN ACCEPTABLE TOOL FOR SIZING DUCT. LOW PRESSURE SUPPLY DUCT TO BE SIZED AT 0.10 IN W.G. PER 100 FT PRESSURE DROP. EXHAUST/RETURN DUCT TO BE SIZED AT 0.08 IN W.G. PER 100 FT PRESSURE DROP.

SHEET NOTES:

1. 1 HOUR FIRE RATED ACCESS DOOR ABOVE CEILING FOR ACCESS TO DAMPERS.
2. 1 HOUR FIRE RATING
3. SMOKE DAMPERS TO BE INSTALLED ON SUPPLY & RETURN AIR TO THIS ROOM.
4. 12ø UP FROM SECOND FLOOR EAST EXHAUST.
5. 12ø UP FROM FIRST AND SECOND FLOORS.
6. 14ø UP TO EF-3.
7. 18ø UP TO EF-2.
8. 18ø UP TO EF-1.
9. 18ø UP FROM 1ST & 2ND FLOORS.
10. EF-5 AND RETURN AIR FOR ROOM 3210 SHALL HAVE FIRE/SMOKE DAMPERS AT CEILING OF ROOM. SEE 6/M4.15

GENERAL NOTES:

1. FLEX DUCT TO BE 7 FT MAXIMUM LENGTH . NOT TO BE USED ABOVE INACCESSIBLE CEILINGS.

BOILER FLUE IN RATED CHASE

24X96 INSULATED EXHAUST AIR FROM FAN ROOM (AHU-3) BELOW TO LV-4.

24X36 VENTILATION RELIEF FROM BOILER ROOM TO THIRD FLOOR AND D-3 BEHIND LV-4

FOR LENS SECTION SEE 2/M4.15
FOR PLAN VIEW SEE 4/M4.15.
REFLECTED CEILING PLAN IS 5/M4.15.

24X42 SOUND LINED R/A FROM 3RD FLOOR TO FAN ROOM W/ SOUND TRAP ABOVE CEILING

1 VENTILATION – FLOOR PLAN – LEVEL 3
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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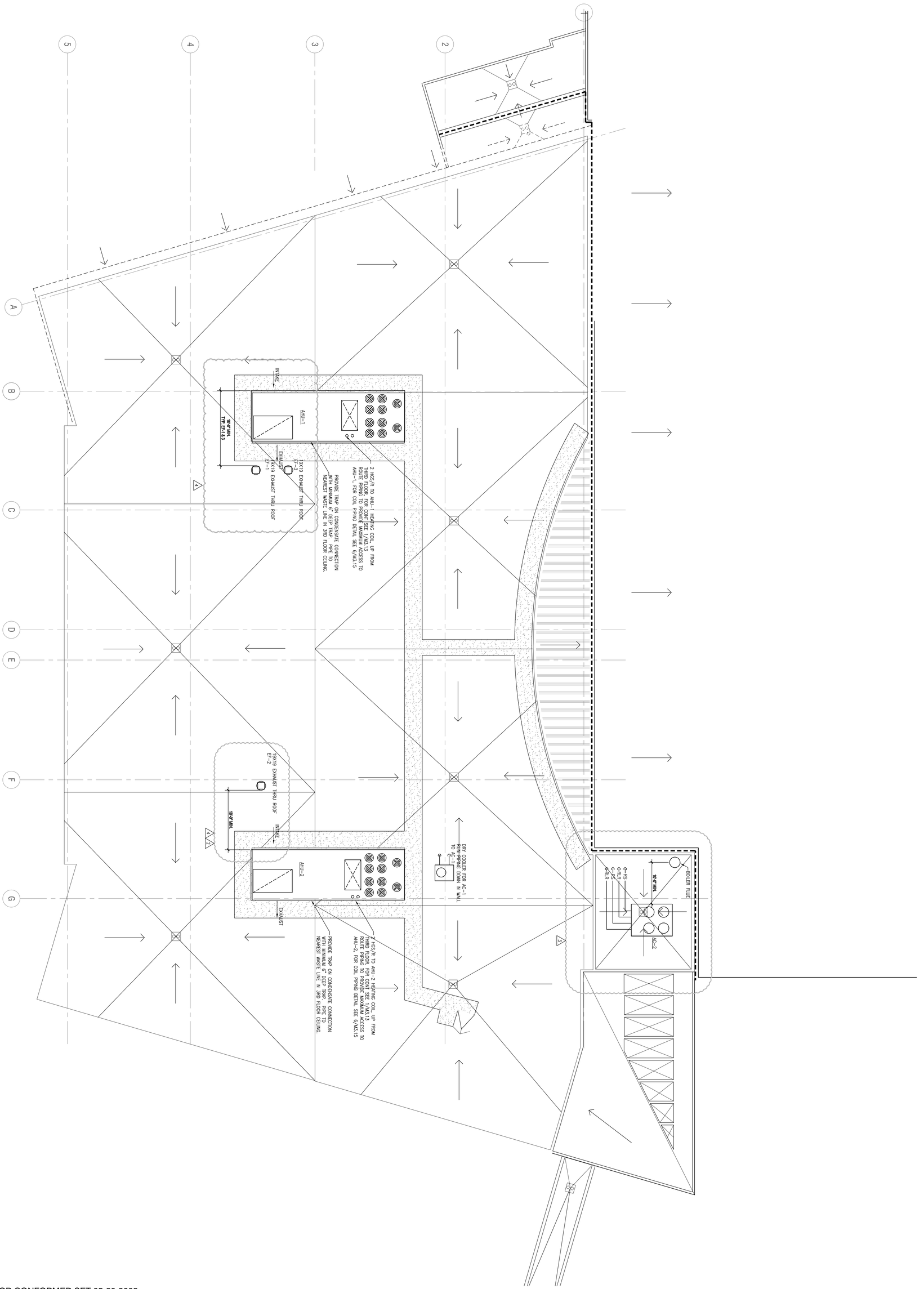
VENTILATION FLOOR PLAN LEVEL 3

SHEET NO.
M4.13

1 VENTILATION - ROOF PLAN
1/8" = 1'-0"



1/8"=1'-0" 0 2 4 8 16 24

SHEET REISSUED FOR CONFORMED SET 05-20-2008

SHEET NO. M4.14
VENTILATION ROOF PLAN

JOB NO. 100179.00
DATE 5-20-2008
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W.K. MAHEAL
May 21, 2008
ME 5489
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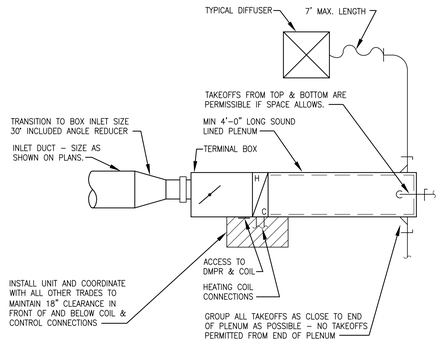
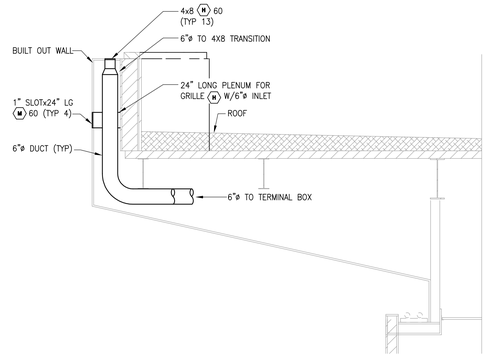
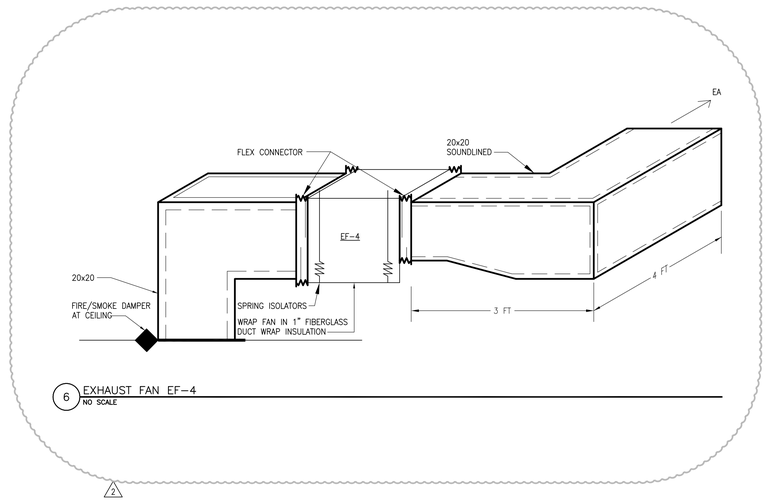


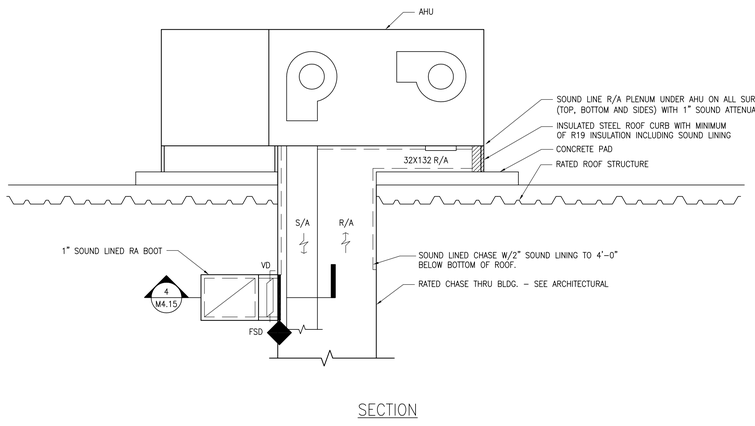
1 VAV TERMINAL UNIT DETAIL
NO SCALE



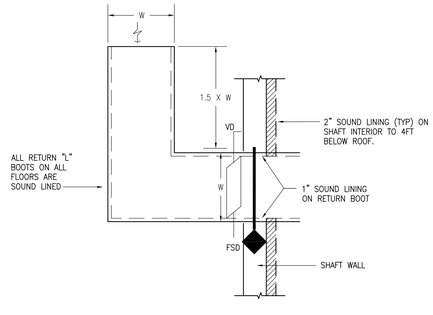
2 DUCT SECTION
SCALE: 1/2"=1'-0"



6 EXHAUST FAN EF-4
NO SCALE

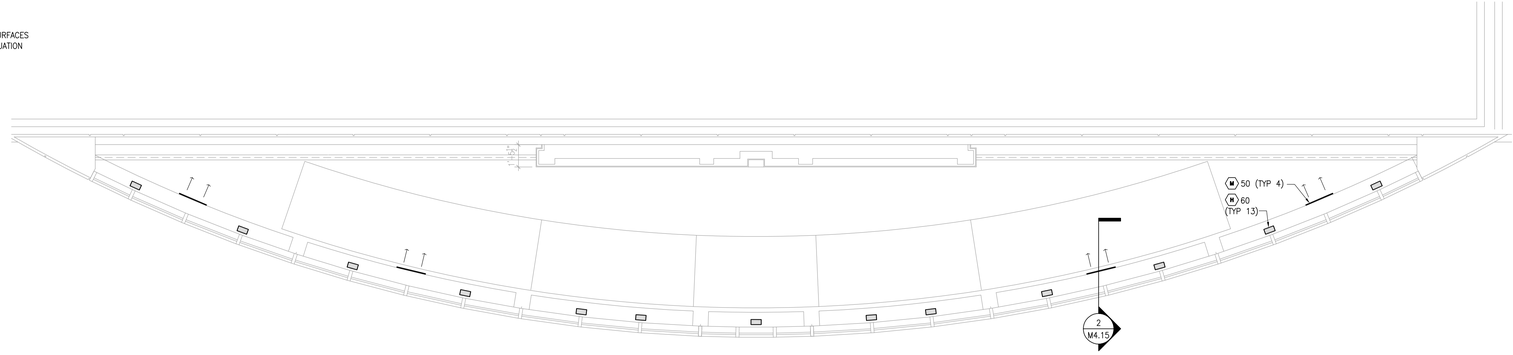


SECTION



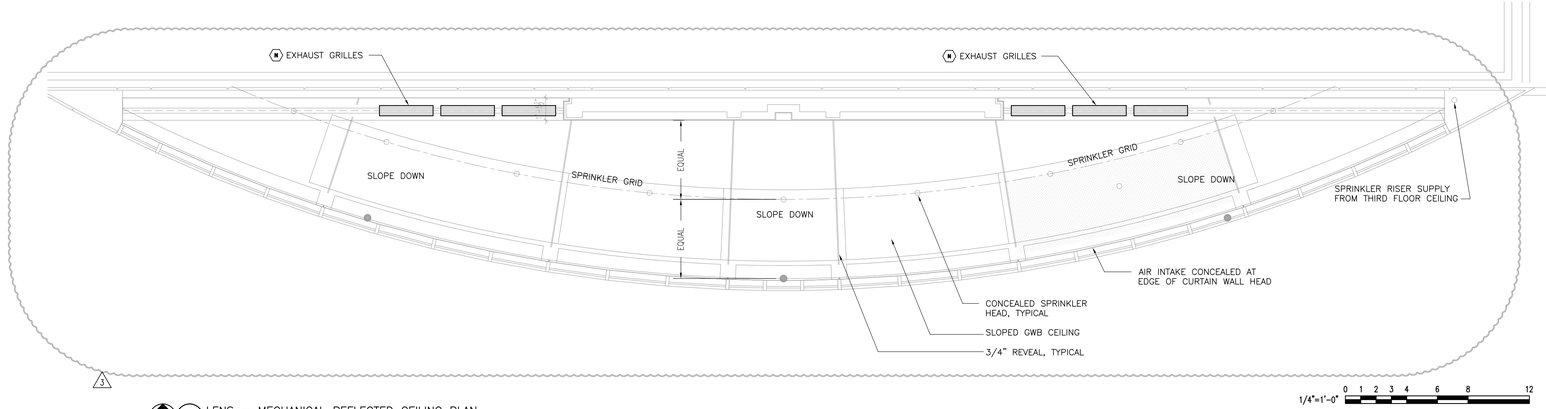
PLAN

4 AHU MOUNTING DIAGRAM
NO SCALE



3 LENS UPPER SECTION PLAN
1/4" = 1'-0"

1/4"=1'-0" 0 1 2 3 4 6 8 12



5 LENS - MECHANICAL REFLECTED CEILING PLAN
1/4" = 1'-0"

1/4"=1'-0" 0 1 2 3 4 6 8 12

STATE OF ALASKA 49TH
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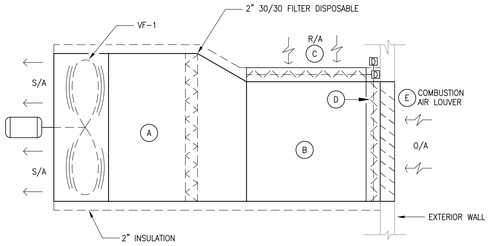
VENTILATION DETAILS

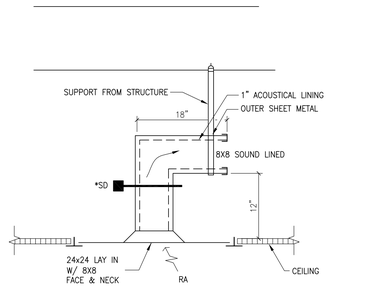
SHEET NO.
M4.15
M4.15 VENTILATION DETAILS.DWG

User: HOUSTON, May 21, 2008 - 3:40pm
Drawing: J:\106\085\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M4.15 VENTILATION DETAILS.DWG - Layout: M4.15 VENTILATION DETAILS

	MIN. OSA	MAX OSA	A	B	C	D	E
VF-1	2050 CFM	7000 CFM	48X48	48X32	32X32	48X48	48X48

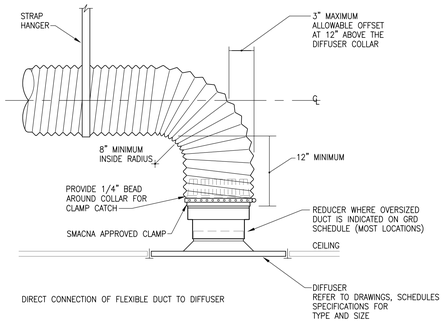


1 COMBUSTION VENTILATION FAN DETAIL
NO SCALE

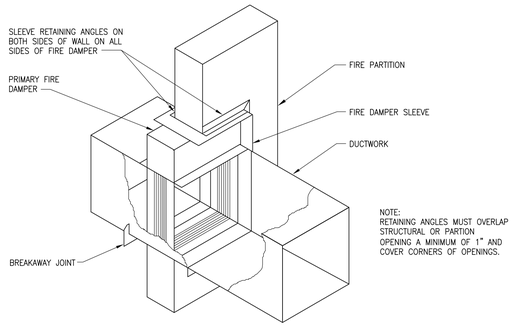


* SMOKE DAMPER WHEN REQUIRED

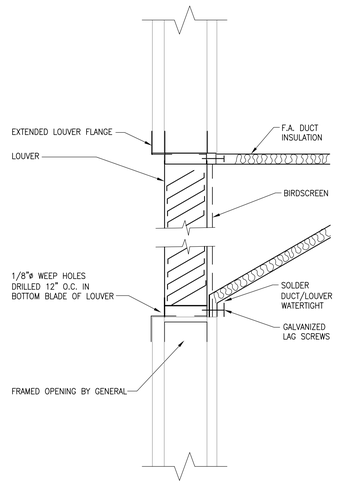
2 RETURN AIR SOUND TRAP FOR EXAM / TALKING ROOMS (120 CFM OR LESS)
NO SCALE



3 TYPICAL DUCT DIFFUSER CONNECTION
NO SCALE



4 FIRE/SMOKE DAMPER DETAIL
NO SCALE



5 LOUVER DETAIL
NO SCALE

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WILLIAM E. MAHONEY
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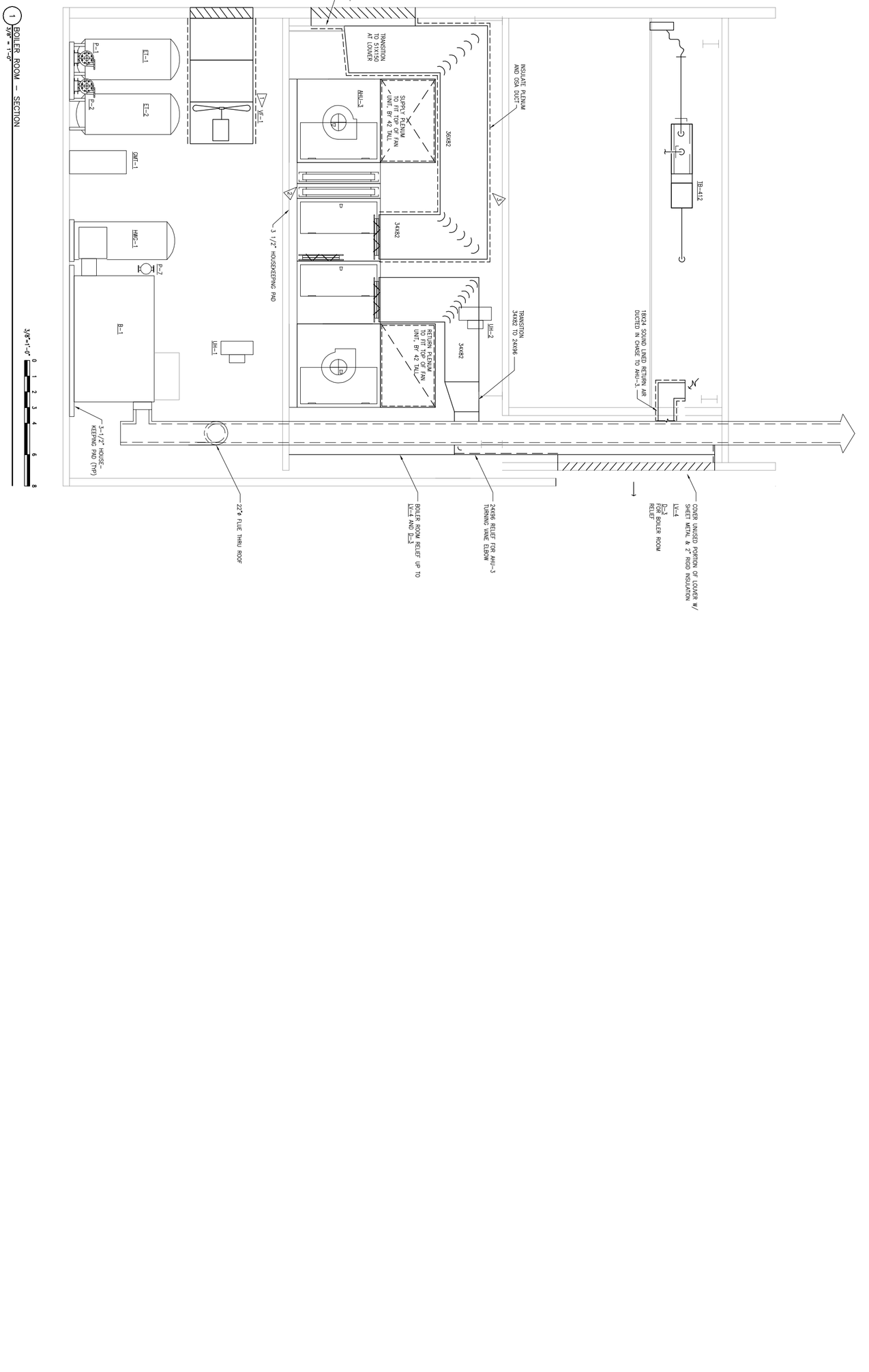
REVISIONS
1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS
4 SHEET REISSUED 5-20-08

SHEET REISSUED FOR CONFORMED SET 05-20-2008

JOB NO.	100179_00
DATE	5-20-2008
DRAWN	NH
REVIEWED	WKM

VENTILATION DETAILS

SHEET NO.
M4.16
M4.16 VENTILATION DETAILS.DWG



1 BOILER ROOM - SECTION
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8

SHEET NOTES:

1. FOR DETAILS OF VF-1 SEE 1/AA1.16.
2. PROVIDE CONDENSATE DRAINS WITH MIN. 6" DEEP TRAPS, PIPE TO FLOOR DRAIN.
3. DUCT TO BE LOCATED BETWEEN E-W BEAMS

CONFORMED DRAWINGS

SHEET NO.	M5.10
	BOILER ROOM & FAN ROOM SECTION
JOB NO.	106179.00
DATE	03.17.2008
DRAWN	LJZ
REVIEWED	WKM

REVISIONS
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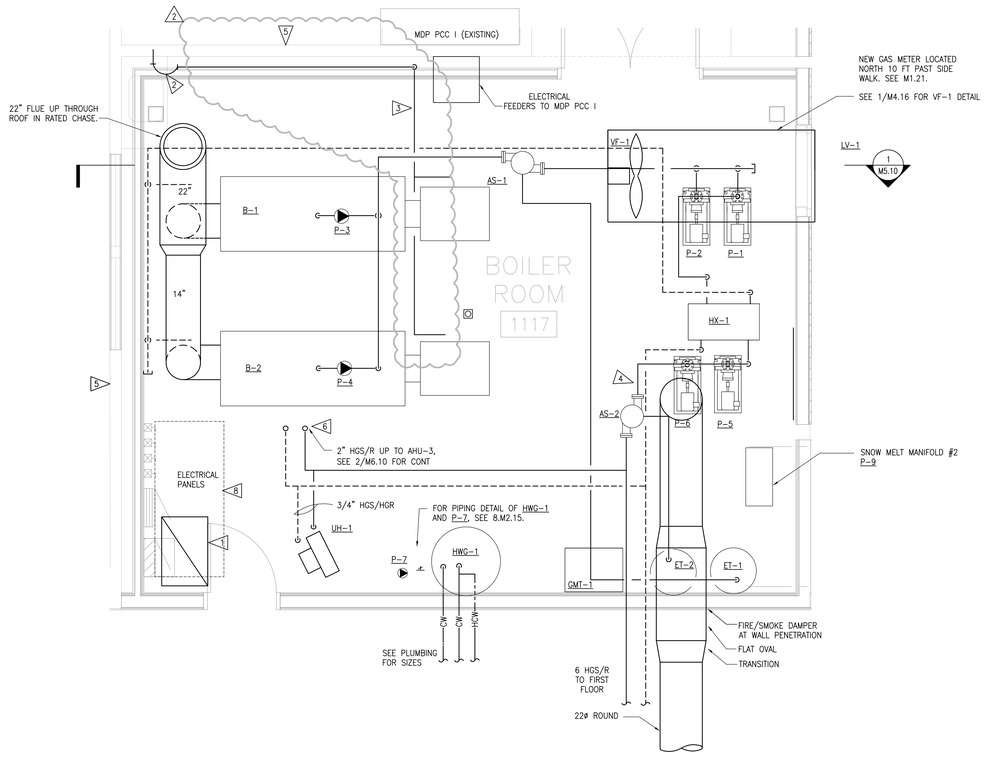
STATE OF ALASKA 49TH
W.K. MORROW
Apr 18, 2008
ME 9489
REGISTERED PROFESSIONAL ENGINEER

SHEET NOTES:

1. 36X24 VENTILATION DUCT UP TO 3RD FLOOR AND LV-2. EXTEND DUCT DOWN 2" FROM CEILING.
2. INSTALL FLEX GAS LINE ACROSS SEISMIC JOINT WHEN TYING INTO THE PIPING INTO NEW BOILERS SEE 4/M3.16
3. GAS LINE TO BOILERS.
4. FLAT OVAL DUCT FROM ABOVE
5. DO NOT MOUNT ANY PIPING OR EQUIPMENT ON THE NORTH AND WEST WALLS OF THE BOILER ROOM. THESE WALLS ARE SEISMICALLY ISOLATED FROM THE ROOM.
6. COORDINATE PIPING UPS WITH FINAL LOCATION OF AHU-3, SEE 2/M6.10 FOR CONT
7. ROUTE PIPING TO PROVIDE MAXIMUM ACCESS TO AHU-3, FOR COIL PIPING DETAIL SEE 6/M3.15
8. 48" MAINTENANCE CLEARANCE IN FRONT OF ELECTRICAL PANELS
9. PIPE CONDENSATE DRAINS THROUGH 6" DEEP TRAP AND PIPE TO FLOOR DRAIN.

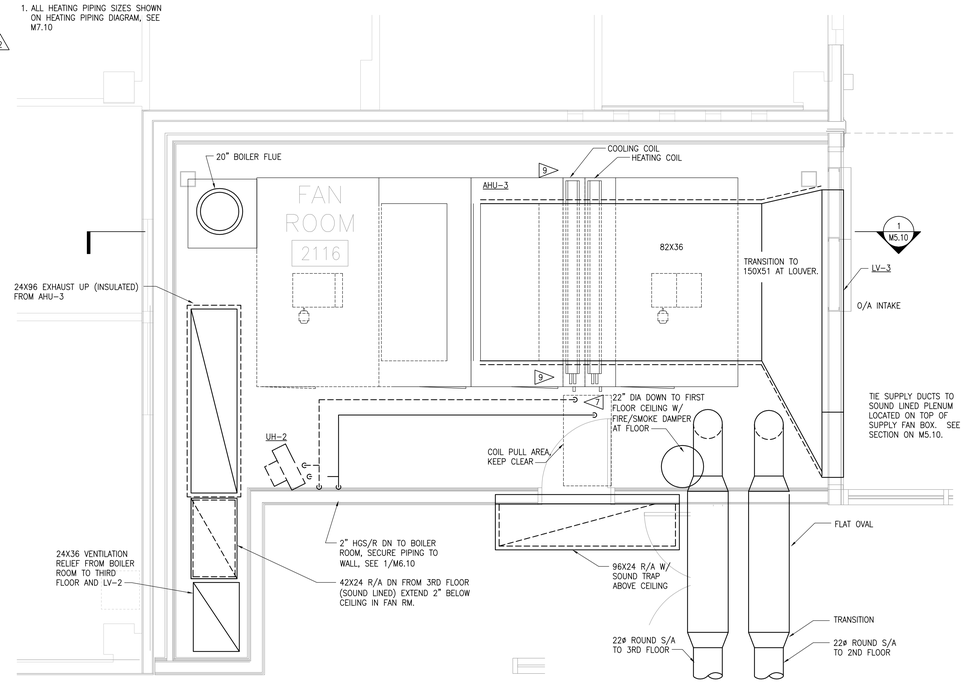
GENERAL NOTES:

1. ALL HEATING PIPING SIZES SHOWN ON HEATING PIPING DIAGRAM, SEE M7.10



1 BOILER ROOM – ENLARGED BOILER ROOM PLAN – FLOOR 1
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8



2 2ND FLOOR – ENLARGED BOILER ROOM PLAN – FLOOR 2
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8

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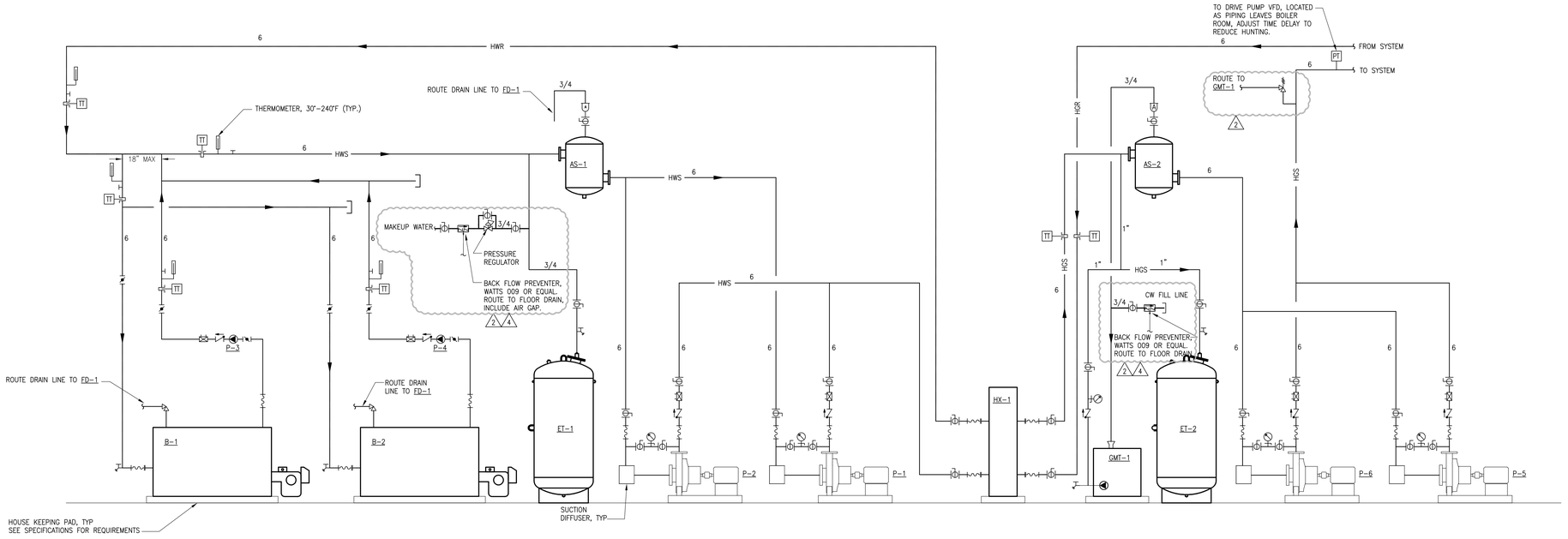
DRAWN	JDG
REVIEWED	WKM

ENLARGED BOILER & FAN ROOM PLANS

SHEET NO.
M6.10
M6.10 ENLARGED BOILER ROOM PLAN.DWG

User: HOUSTON, May 21, 2008 – 3:40pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M6.10 ENLARGED BOILER ROOM PLAN.DWG – Layout: M6.10 ENLARGED BOILER RM



HEATING SYSTEM SEQUENCE OF OPERATION:

B-1, B-2 SEQUENCE OF OPERATION:
THE DDC SYSTEM FUNCTIONS TO: ENABLE AND DISABLE BOILERS, AND PROVIDE AN EXTERNAL MODULATING SIGNAL TO INDIVIDUAL BOILER CONTROL PANELS FOR BURNER CONTROL.

THE BOILER SYSTEM SHALL FUNCTION TO MAINTAIN A PRIMARY SUPPLY HEADER TEMPERATURE SETPOINT OF PLUS OR MINUS 5°F. THE PRIMARY SUPPLY HEADER TEMPERATURE SETPOINT IS 185°F (ADJUSTABLE).

BOILER SEQUENCING: BOILERS SHALL BE STAGED TO FIRE IN A LEAD/LAG SEQUENCE. THE BOILER DESIGNATED AS LEAD SHALL FIRE FIRST. IF THE LEAD BOILER FAILS TO OPERATE, A CRITICAL ALARM SIGNAL IS GENERATED, A LAG BOILER IS DESIGNATED TO BE THE LEAD BOILER, AND THE FIRING SEQUENCE CONTINUES. THE LEAD BOILER DESIGNATION IS TO BE ROTATED MONTHLY.

BURNER FIRING CONTROL: ALL DIRECT BURNER CONTROL AND SAFETY INTERLOCKS SHALL BE CONTROLLED BY THE BOILER'S FACTORY CONTROLS. AFTER A BOILER HAS BEEN ENABLED, AND UPON A "PROOF OF FIRE" STATUS SIGNAL FROM THE BOILER'S FACTORY CONTROL SYSTEM, THE DDC SYSTEM SHALL PROVIDE A BURNER MODULATION SIGNAL TO THE BOILER'S FACTORY CONTROLLER.

BURNER OPERATION; CYCLE UP: IF THE PRIMARY SUPPLY HEADER WATER TEMPERATURE IS 5°F (ADJUSTABLE) LESS THAN THE PRIMARY LOOP WATER TEMPERATURE SETPOINT, THE LEAD BOILER'S BURNER IS ENABLED AND STARTS AT LOW FIRE. THE DDC SYSTEM DETERMINES, THROUGH THE USE OF AN ADJUSTABLE RATE OF RISE TIME CONSTANT, THE ACTUAL TEMPERATURE RATE OF RISE OF THE PRIMARY LOOP SUPPLY TEMPERATURE. IF THE RATE OF RISE IS INSUFFICIENT TO ACHIEVE SETPOINT, THE DDC SYSTEM MODULATES THE LEAD BOILER'S BURNER UP AS REQUIRED TO 100% CAPACITY. IF THE LEAD BOILER IS COMMANDED TO 100% CAPACITY AND THE RATE OF RISE IS STILL INSUFFICIENT, THE LAG BOILER CIRCULATION PUMP STARTS AND THE LAG BOILER'S FIRING RATE MODULATES UP IN A MANNER SIMILAR TO THE LEAD BOILER. THIS SEQUENCE CONTINUES UNTIL THE PRIMARY LOOP TEMPERATURE SETPOINT IS REACHED OR BOTH BOILERS ARE OPERATING AT 100% CAPACITY.

BURNER OPERATION; CYCLE DOWN: IF THE PRIMARY SUPPLY HEADER WATER TEMPERATURE IS 5°F (ADJUSTABLE) GREATER THAN THE PRIMARY LOOP WATER TEMPERATURE SETPOINT, THE LAG BOILER'S BURNER MODULATES DOWN AS REQUIRED. WHEN THE BURNER HAS REACHED MINIMUM FIRING RATE CAPACITY (LOW FIRE), THE BURNER IS DISABLED AND THE BOILER'S CIRCULATION PUMP SHUT OFF. WHEN THE LAG BOILER HAS BEEN DISABLED, THE LEAD BOILER'S BURNER SHALL MODULATE DOWN TO MINIMUM FIRING RATE CAPACITY (LOW FIRE) AS REQUIRED, THEN BE DISABLED. ONCE ENABLED, BOILERS SHALL RUN FOR A MINIMUM PERIOD OF TIME BEFORE BEING DISABLED. COORDINATE THE "MINIMUM RUN TIME" AND "LOW FIRE HOLD TIME BEFORE SHUTDOWN" WITH THE BOILER MANUFACTURER TO ENSURE THE INTEGRITY OF THE BOILER IS NOT COMPROMISED.

BOILER CIRCULATION PUMPS, P-3 AND P-4: THE LEAD BOILER'S CIRCULATING PUMP SHALL BE CONTROLLED BY THE DDC SYSTEM, BEING ACTIVATED ON A CALL FOR HEAT, RUN FOR THREE MINUTES PRIOR TO BOILER FIRING TO START CIRCULATION AND SHALL CONTINUE TO RUN FOR 15 MINUTES AFTER THE BOILER HAS BEEN DISABLED. IF A BOILER'S CIRCULATION PUMP FAILS TO PROVE FLOW, A CRITICAL ALARM IS SIGNALED AND ITS ASSOCIATED BOILER IS DISABLED.

HOTSIDE HEAT EXCHANGE PUMPS P-1 AND P-2: PUMPS ARE 100% REDUNDANT AND ARE TO OPERATED IN A LEAD/LAG SEQUENCE. THE DDC SYSTEM SHALL ENABLE THE OPERATION OF THE LEAD SECONDARY PUMPS WHEN THERE IS CALL FOR HEAT FROM ANY DEVICE OR ZONE. IF THE LEAD PUMP FAILS OR FAILS TO PROVE STATUS, A MAINTENANCE ALARM IS SIGNALED AND THE LAG PUMP STARTS. THE LEAD PUMP DESIGNATION IS ROTATED ON A MONTHLY BASIS.

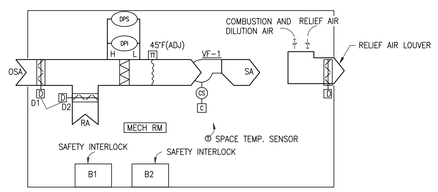
GLYCOL HEAT EXCHANGER CONTROL SEQUENCE (HX-1)
GLYCOL CIRCULATION PUMPS P-5 AND P-6: THE GLYCOL CIRCULATION PUMPS ARE 100% REDUNDANT AND SHALL RUN IN LEAD/LAG MODE WITH AUTOMATIC ALTERNATION ON A MONTHLY BASIS.VFD'S ARE PROVIDED FOR SOFT START CAPABILITY AND TO ADJUST FLOW RATE AS DETERMINED BY DIFFERENTIAL PRESSURE MEASURED IN THE HEATING GLYCOL PIPING SYSTEM AS SHOWN IN PIPING DIAGRAM. THE PRESSURE SETPOINT SHALL BE SET TO ALLOW MINIMAL CONSTANT CIRCULATION THROUGH THE SYSTEM, THE SETPOINT SHALL BE DETERMINED AT TIME OF TAB, IF FLOW IS NOT PROVEN, A CRITICAL ALARM IS GENERATED AND THE LAG PUMP SHALL BE ENABLED.
THE GLYCOL HEATING SYSTEM IS DESIGNED TO PROVIDE A MAXIMUM OF 180F SUPPLY WATER.

GRAPHICAL USER INTERFACE:
HEATING SYSTEM, B-1, B-2, P-1, P-2, P-3, P-4, P-5, P-6

DYNAMIC DATA	ANIMATED GRAPHICS
BOILER STATUS (ALL BOILERS)	LEAVING WATER TEMPERATURE SETPOINT
BOILER LEAVING WATER TEMPERATURE (ALL)	PUMP STATUS, P-1, P-2, (ON/OFF)
BOILER ENTERING WATER TEMPERATURE (ALL)	PUMP STATUS, P-3, P-4, (ON/OFF)
HEAT EXCHANGER LEAVING WATER AND GLYCOL TEMPERATURE	PUMP STATUS P-5, P-6 (% SPEED, GPM)
HEAT EXCHANGER ENTERING WATER AND GLYCOL TEMPERATURE	OSA BOILER CONTROL PANEL ENABLE TEMPERATURE (ADJUSTABLE)
	COMBUSTION AIR FAN STATUS, VF-1

1 BOILER CONTROL DIAGRAM
NO SCALE

2 NOT USED
NO SCALE



MIN. O/A: 2050 CFM

ALL BOILERS OFF MODE
DAMPERS D-1 IS CLOSED, D-2 IS OPEN, COMBUSTION FAN CF IS OFF.

ANY BOILER ON MODE
B-1, B-2 ARE INTERLOCKED WITH VF-1 MOTOR STARTER. BOILERS CANNOT OPERATE UNLESS VF-1 IS OPERATING.

AUTOMATED CONTROL:
UPON A CALL FOR ANY BOILER TO START, THE OSA DAMPER OPENS TO MINIMUM POSITION, 10% (ADJUSTABLE) VF-1 STARTS AND RUNS, BOILER OPERATION IS ENABLED BY VF-1 STARTER. D-1 AND D-2 DAMPERS MODULATE TO MAINTAIN A MINIMUM DISCHARGE AIR TEMPERATURE INTO THE ROOM OF 55 DEG F WHILE MAINTAINING AT LEAST MINIMUM OSA AIRFLOW.

SPACE TEMP > 80°F MODE
A ROOM TEMPERATURE SENSOR INITIATES VF-1 TO START AND RUN TO MAINTAIN A ROOM SETPOINT OF 80 DEG F.

ALARMS: SIGNAL FROM VF-1 FAILURE GENERATES A MAINTENANCE ALARM. ROOM BELOW 50°F FOR 15 MINUTES GENERATES A COLD SPACE ALARM.

3 VENTILATION FAN VF-1
NO SCALE

VF-1

ALL BOILERS OFF		ANY BOILER ON		SPACE TEMP > 80°F	
DEVICE	STATUS	DEVICE	STATUS	DEVICE	STATUS
D-1	CLOSED	D-1	ON, MODULATING	D-1	ON, MODULATING
D-2	OPEN	D-2	ON, MODULATING	D-2	ON, MODULATING
VF-1	OFF	VF-1	ON	VF-1	ON

GRAPHICAL USER INTERFACE:
VF-1, COMBUSTION AIR FAN SYSTEM

DYNAMIC DATA	ANIMATED GRAPHICS
SUPPLY AIR TEMPERATURE	COMBUSTION AIR FAN STATUS (ON/OFF)
DIFFERENTIAL PRESSURE ACROSS FILTER	DAMPER STATUS % (RA, OSA)
ROOM TEMPERATURE	SUPPLY AIR TEMPERATURE SETPOINT
	ROOM TEMPERATURE SETPOINT

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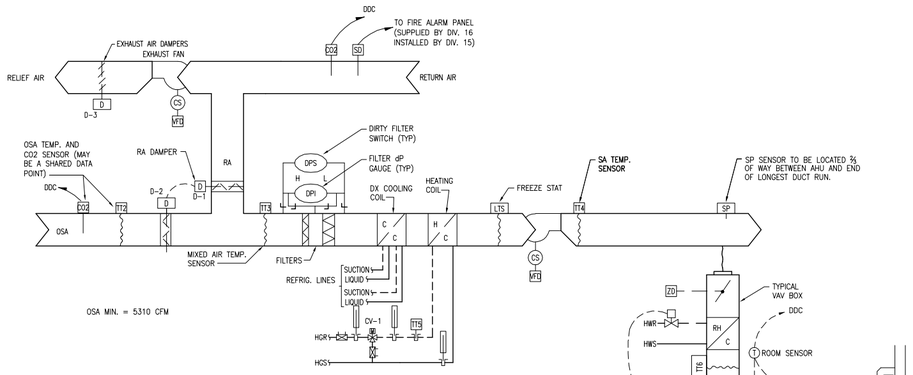
REVIEWED WKM

BOILER CONTROL DIAGRAM

SHEET NO.
M7.10
M7.10 CONTROL DIAGRAMS.DWG

1 NOT USED
NO SCALE



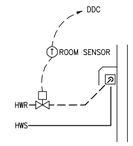
2 AHU-1 & 2 CONTROL DIAGRAM
NO SCALE

SEQUENCE OF OPERATION FOR AHU-1&2:

1. OCCUPIED MODE: FAN RUNS ON VFD TO MAINTAIN 1-1/2 IN W.G. STATIC PRESSURE AT THE SP SENSOR. DAMPERS D1, & D2 MODULATE TOGETHER TO MAINTAIN A MIXED AIR TEMPERATURE OF 45°F AT TT3. HEATING COIL MODULATES TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 55°F AT TT4. CO2 SENSOR OVERRIDES TT3 TO SUPPLY ADDITIONAL OUTSIDE AIR IF THE CO2 DIFFERENCIAL RISES ABOVE 700 PM. MINIMUM OUTSIDE AIR SHALL BE AS NOTED IN THE SCHEDULE.
2. MORNING WARM UP: DAMPERS D2 & D3 SHALL CLOSE, D1 SHALL OPEN. HEATING COIL SHALL GO TO FULL HEAT. WHEN RETURN AIR TEMPERATURE REACHES 70°F, SWITCH TO OCCUPIED MODE.
3. UNOCCUPIED MODE: FAN SHALL SHUT OFF, DAMPERS D2 & D3 SHALL CLOSE, D1 SHALL OPEN. IF ANY AIR ZONE OR ROOM THERMOSTAT ASSOCIATED WITH THIS AHU SENSES 50°F OR LOWER, FAN SHALL SWITCH TO WARM UP MODE UNTIL 70°F IS REACHED AND THEN SWITCH BACK TO UNOCCUPIED MODE.
4. BUILDING STATIC WILL BE CONTROLLED BY HAVING THE EXHAUST FAN TRACK THE BUILDING STATIC PRESSURE.

SEQUENCE OF OPERATION - VAV BOX/BASEBOARD:

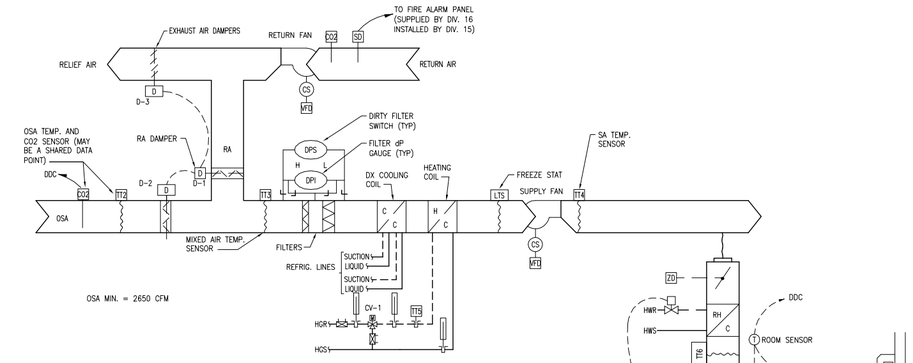
1. EACH AIR HANDLER AND TERMINAL BOX SHALL HAVE SCHEDULED OCCUPIED AND UNOCCUPIED MODES. FOR OCCUPIED MODE, INITIALLY SET FOR 70F HEATING AND 75F COOLING (BOTH SET POINTS ARE ADJUSTABLE). FOR UNOCCUPIED MODE THE TERMIAL BOX SHALL SHUT DOWN WITH THE AIR HANDLING UNIT.
2. PRIMARY AIR VALVES ON VARIABLE VOLUME BOXES SHALL BE PRESSURE INDEPENDENT CONTROL WITH MINIMUM AND MAXIMUM AIRFLOW SETPOINTS FOR THE OCCUPIED MODE AS INDICATED ON THE DRAWINGS. CONSTANT VOLUME BOXES SHALL BE SET WITHOUT AUTOMATIC ADJUSTMENT AND WILL BE THE SAME AIRFLOW SETPOINT FOR HEATING AND COOLING MODES.
3. PROVIDE WALL MOUNTED SENSORS WITH UNOCCUPIED MODE OVERRIDE BUTTON TO CAUSE THE AIRHANDLER AND TERMINAL BOXES TO GO INTO OCCUPIED MODE FOR 2 HOURS (ADJUSTABLE). ALSO PROVIDE SETPOINT ADJUSTMENT WITH MAXIMUM ADJUSTMENT OF +/- TWO DEGREES F. (ADJUSTABLE)
4. WHEN ZONE TEMPERATURE IS GREATER THAN OR EQUAL TO COOLING SET POINT, THE PRIMARY AIR VALVE SHALL MODULATE TO MAINTAIN AIRFLOW BETWEEN THE MINIMUM AND MAXIMUM SETPOINTS IN RESPONSE TO LOAD. THE REHEAT COIL SHALL BE CLOSED.
5. WHEN THE ZONE TEMPERATURE IS LESS THAN OR EQUAL TO THE HEATING SETPOINT, THE PRIMARY AIR VALVE SHALL MODULATE TO MAINTAIN AIRFLOW AT THE MINIMUM SETPOINT.
6. WHEN THE ZONE TEMPERATURE IS LESS THAN OR EQUAL TO THE HEATING SETPOINT, THE REHEAT COIL CONTROL VALVE SHALL MODULATE AS NEEDED TO MAINTAIN HEATING SETPOINT.
7. THE FOLLOWING POINTS SHALL BE MONITORED FOR DISPLAY AND ALARMING THROUGH THE OPERATORS TERMINAL. ALARM FUNCTIONS SHALL BE GIVEN.
   7.1. TERMINAL UNIT ZONE TEMPERATURE (LOW AND HIGH TEMPERATURE ALARMS)
   7.2. TERMINAL UNIT PRIMARY AIR FLOW (DISPLAY ONLY)
   7.3. DISCHARGE AIR TEMPERATURE.



3 BASEBOARD CONTROL
NO SCALE

SEQUENCE OF OPERATION - BASEBOARD:

1. OCCUPIED MODE: BASEBOARD SHALL MODULATE TO MEET ROOM HEATING DEMAND. AS THE PRIMARY SOURCE OF HEAT. VAV REHEAT COIL IS SECONDARY.
2. UNOCCUPIED MODE: VAV BOXES ARE CLOSED. BASEBOARD & CABINET UNIT HEATERS ARE USED TO MAINTAIN BUILDING TEMPERATURE.
3. ONLY ONE ROOM WITH BASEBOARD SHALL CONTROL THE VAV BOX AND REHEAT COIL. OTHER ROOMS ON SAME VAV BOX WILL HAVE THERMOSTAT THAT CONTROLS BASEBOARD ONLY.



4 AHU-3 CONTROL DIAGRAM
NO SCALE

SEQUENCE OF OPERATION FOR AHU-3:

1. FAN RUNS ON VFD TO MAINTAIN 1-1/2 IN W.G. STATIC PRESSURE AT THE SP SENSOR. DAMPERS D1, D2, & D3 MODULATE TOGETHER TO MAINTAIN A MIXED AIR TEMPERATURE SENSOR OF 45°F AT TT3. HEATING COIL MODULATES TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 55°F AT TT4. CO2 SENSOR OVERRIDES TT3 TO SUPPLY ADDITIONAL OUTSIDE AIR IF THE CO2 DIFFERENCIAL RISES ABOVE 700 PM. MINIMUM OUTSIDE AIR SHALL BE AS NOTED ON THE SCHEDULE.
2. THIS FAN RUNS CONTINUOUSLY. THERE IS NO OCCUPIED/UNOCCUPIED MODE.
3. BUILDING STATIC WILL BE CONTROLLED BY HAVING THE EXHAUST FAN TRACK THE BUILDING STATIC PRESSURE.

SEQUENCE OF OPERATION - VAV BOX/BASEBOARD:

1. EACH VARIABLE VOLUME TERMINAL BOX SHALL HAVE A SINGLE MODE (OCCUPIED MODE). FOR OCCUPIED MODE, INITIALLY SET FOR 70F HEATING AND 75F COOLING (BOTH SET POINTS ARE ADJUSTABLE).
2. PRIMARY AIR VALVES ON VARIABLE VOLUME BOXES SHALL BE PRESSURE INDEPENDENT CONTROL WITH MINIMUM AND MAXIMUM AIRFLOW SETPOINTS FOR THE OCCUPIED MODE AS INDICATED ON THE DRAWINGS. CONSTANT VOLUME BOXES SHALL BE SET WITHOUT AUTOMATIC ADJUSTMENT AND WILL BE THE SAME AIRFLOW SETPOINT FOR HEATING AND COOLING MODES.
3. PROVIDE WALL MOUNTED SENSORS. ALSO PROVIDE SETPOINT ADJUSTMENT WITH MAXIMUM ADJUSTMENT OF +/- TWO DEGREES F. (ADJUSTABLE)
4. WHEN ZONE TEMPERATURE IS GREATER THAN OR EQUAL TO COOLING SET POINT, THE PRIMARY AIR VALVE SHALL MODULATE TO MAINTAIN AIRFLOW BETWEEN THE MINIMUM AND MAXIMUM SETPOINTS IN RESPONSE TO LOAD. CONSTANT VOLUME BOXES SHALL REMAIN CONSTANT. THE REHEAT COIL SHALL BE CLOSED.
5. WHEN THE ZONE TEMPERATURE IS LESS THAN OR EQUAL TO THE HEATING SETPOINT, THE PRIMARY AIR VALVE SHALL MODULATE TO MAINTAIN AIRFLOW AT THE MINIMUM SETPOINT. CONSTANT VOLUME BOXES WILL REMAIN CONSTANT.
6. WHEN THE ZONE TEMPERATURE IS LESS THAN OR EQUAL TO THE HEATING SETPOINT, THE REHEAT COIL CONTROL VALVE SHALL MODULATE AS NEEDED TO MAINTAIN HEATING SETPOINT.
7. THE FOLLOWING POINTS SHALL BE MONITORED FOR DISPLAY AND ALARMING THROUGH THE OPERATORS TERMINAL. ALARM FUNCTIONS SHALL BE GIVEN.
   7.1. TERMINAL UNIT ZONE TEMPERATURE (LOW AND HIGH TEMPERATURE ALARMS)
   7.2. TERMINAL UNIT PRIMARY AIR FLOW (DISPLAY ONLY)
   7.3. DISCHARGE AIR TEMPERATURE.

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Southcentral Foundation
PCC III Clinic
Anchorage, Alaska

REVISIONS
1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS

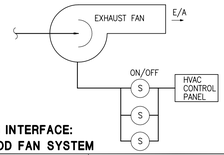
JOB NO.	100179_00
DATE	03-17-2008
DRAWN	NH
REVIEWED	WKM

CONFORMED DRAWINGS

CONTROL DIAGRAMS

SHEET NO.
M7.11
M7.11 CONTROL DIAGRAMS.DWG

User: MORROW Apr 18, 2008 - 3:48pm
Drawing: J:\06JOBS\06674 SOUTH CENTRAL FOUNDATION PCC3\0.0 DWGS\M\M7.11 CONTROL DIAGRAMS.DWG - Layout: M7.11 CONTROL DIAGRAMS



GRAPHICAL USER INTERFACE:
EF-3, RANGE HOOD FAN SYSTEM

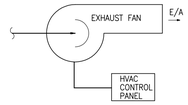
DYNAMIC DATA	ANIMATED GRAPHICS
	FAN STATUS (ON/OFF)

RANGE HOOD FAN: EF-3

AUTOMATED CONTROL: FAN TURNS ON WHEN ANY OF THE THREE HOODS HAVE BEEN TURNED ON. FAN TURNS OFF WHEN ALL OF THE THREE HOOD SWITCHES HAVE BEEN TURNED OFF.

ALARMS: ENABLED, BUT NOT RUNNING.

1 EXHAUST FAN CONTROL EF-3
NO SCALE



GRAPHICAL USER INTERFACE:
EF-1 & EF-2, GENERAL EXHAUST FAN SYSTEM

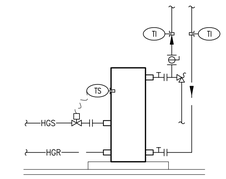
DYNAMIC DATA	ANIMATED GRAPHICS
	FAN STATUS (ON/OFF)

EXHAUST FANS: EF-1 & EF-2

AUTOMATED CONTROL: FAN TURNS ON/OFF WITH RESPECTIVE AIR HANDLING UNIT.

ALARMS: ENABLED, BUT NOT RUNNING.

2 EXHAUST FAN CONTROL EF-1 & EF-2
NO SCALE



GRAPHICAL USER INTERFACE:
HWG-1, HOT WATER GENERATOR

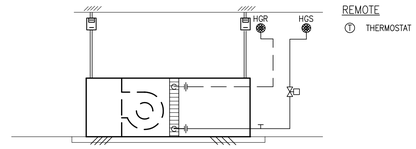
DYNAMIC DATA	ANIMATED GRAPHICS
AQUASTAT TEMPERATURE	HW TEMPERATURE SET POINT
HGS VALVE POSITION	

WATER HEATER: HWG-1.

AUTOMATED CONTROL: ON CALL FOR HEAT FROM AQUASTAT (140°F, ADJUSTABLE) ZONE VALVE SHALL OPEN UNTIL AQUASTAT IS SATISFIED THEN CLOSE.

ALARMS: NONE.

3 WATER HEATER HWG-1
NO SCALE



GRAPHICAL USER INTERFACE:
CUH (ALL) - CABINET UNIT HEATERS

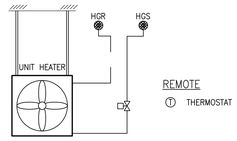
DYNAMIC DATA	ANIMATED GRAPHICS
ROOM AIR TEMPERATURE	ROOM AIR TEMPERATURE SET POINT

CABINET UNIT HEATER: ALL CUH

AUTOMATED CONTROL: ON CALL FOR HEAT FROM LOCAL THERMOSTAT (65°F, ADJUSTABLE) ZONE VALVE SHALL OPEN AND FAN RUN UNTIL THERMOSTAT IS SATISFIED THEN CLOSE. CYCLE FAN WITH CALL FOR HEAT.

ALARMS: COLD ROOM.

4 CABINET UH (ALL)
NO SCALE

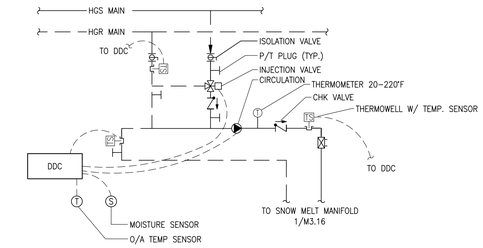


UNIT HEATER, UH-1

AUTOMATED CONTROL: ON CALL FOR HEAT FROM LOCAL THERMOSTAT (65°F, ADJUSTABLE) ZONE VALVE SHALL OPEN AND FAN RUN UNTIL THERMOSTAT IS SATISFIED THEN CLOSE. CYCLE FAN WITH CALL FOR HEAT.

ALARMS: COLD ROOM.

5 UNIT HEATER UH-1
NO SCALE

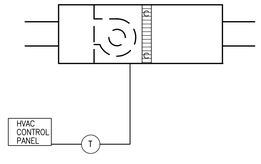


SNOWMELT SYSTEMS

AUTOMATED CONTROL: THE MOISTURE/SNOW SENSOR SHALL INITIATE A CALL FOR SNOWMELT. THE SYSTEM SHALL IDLE AT 60F WHEN THE OUTSIDE AIR TEMPERATURE IS 35F OR COLDER. WHEN THE SNOW/MOISTURE SENSOR CALLS FOR SNOWMELT, THE SYSTEM TEMPERATURE SHALL RAMP UP TO 100F OVER A 20 MINUTE PERIOND USING THE 3-WAY INJECTION VALVE. THE SYSTEM SHALL MAINTAIN A SYSTEM TEMPERATURE DIFFERENTIAL OF 20F BETWEEN THE SUPPLY AND RETURN. WHEN THE SUPPLY TEMPERATURE DROPS BELOW 100F, THE 3-WAY VALVE SHALL MODULATE OPEN TO MAINTAIN 100F SUPPLY TEMPERATURE.

ALARMS: PUMP FAILURE, SYSTEM TEMPERATURE -10F OR +10F OF SET POINT

6 SNOWMELT SYSTEM
NO SCALE

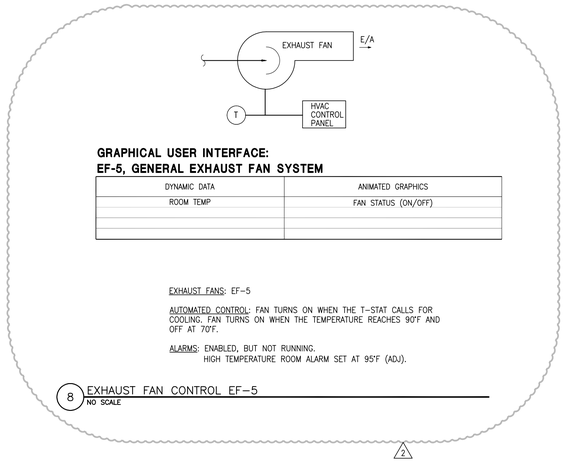


AIR CONDITIONER: AC-1

AUTOMATED CONTROL: AIR CONDITIONER TURNS ON WHEN THE THERMOSTAT CALLS FOR COOLING. AC-1 TURNS ON WHEN THE TEMPERATURE REACHES 80F AND OFF WHEN THE THERMOSTAT IS SATISFIED.

ALARMS: GENERAL ALARM TO DDC.
HIGH TEMPERATURE ROOM ALARM.

7 LIEBERT AIR CONDITIONER
NO SCALE



GRAPHICAL USER INTERFACE:
EF-5, GENERAL EXHAUST FAN SYSTEM

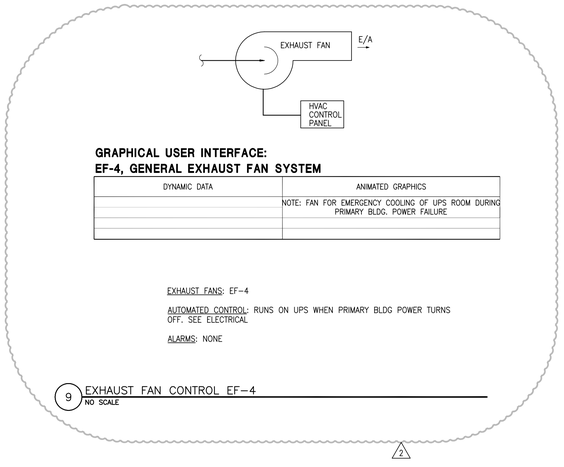
DYNAMIC DATA	ANIMATED GRAPHICS
ROOM TEMP	FAN STATUS (ON/OFF)

EXHAUST FANS: EF-5

AUTOMATED CONTROL: FAN TURNS ON WHEN THE T-STAT CALLS FOR COOLING. FAN TURNS ON WHEN THE TEMPERATURE REACHES 90°F AND OFF AT 70°F.

ALARMS: ENABLED, BUT NOT RUNNING.
HIGH TEMPERATURE ROOM ALARM SET AT 95°F (ADJ).

8 EXHAUST FAN CONTROL EF-5
NO SCALE



GRAPHICAL USER INTERFACE:
EF-4, GENERAL EXHAUST FAN SYSTEM

DYNAMIC DATA	ANIMATED GRAPHICS
	NOTE: FAN FOR EMERGENCY COOLING OF UPS ROOM DURING PRIMARY BLDG. POWER FAILURE

EXHAUST FANS: EF-4

AUTOMATED CONTROL: RUNS ON UPS WHEN PRIMARY BLDG POWER TURNS OFF. SEE ELECTRICAL

ALARMS: NONE

9 EXHAUST FAN CONTROL EF-4
NO SCALE

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1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS
4 SHEET REISSUED 5-20-08

SHEET REISSUED FOR CONFORMED SET 05-20-2008

JOB NO.	100179_00
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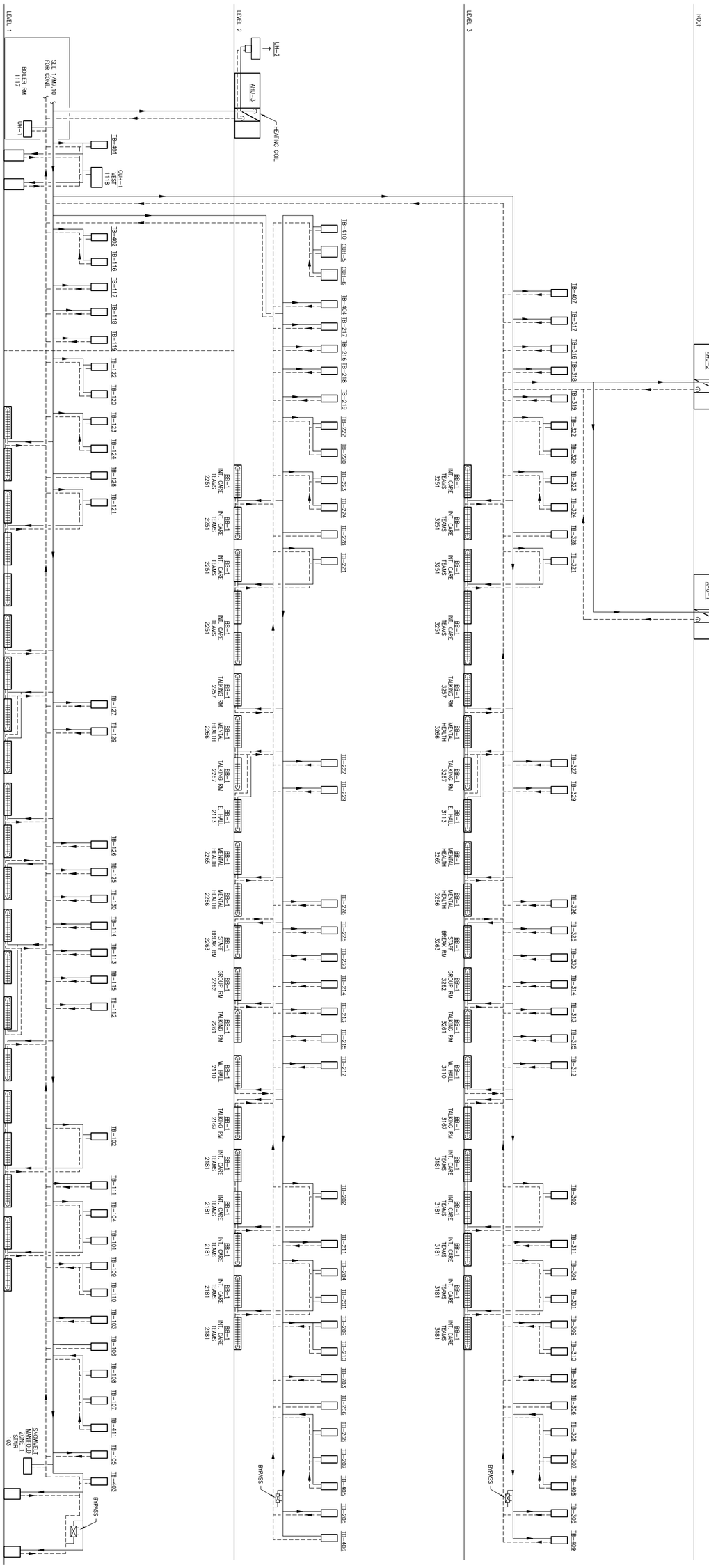
CONTROL DIAGRAMS

SHEET NO.
M7.12
M7.12 CONTROL DIAGRAMS.DWG



1 PIPING FLOW DIAGRAM
NO SCALE

CONFORMED DRAWINGS

SHEET NO.	M7.13
	KEY CONTROL DIAGRAMS
PIPING FLOW DIAGRAM	
JOB NO.	130179.00
DATE	03.17.2008
DRAWN	JDG
REVIEWED	WKM

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REGISTERED PROFESSIONAL ENGINEER

ELECTRICAL ABBREVIATIONS

A	AMPERE	MAX	MAXIMUM
AC	ALTERNATING CURRENT	MDF	MAIN DATA FRAME
AFF	ABOVE FINISHED FLOOR	MDP	MAIN DISTRIBUTION PANEL
AHU	AIR HANDLING UNIT	MFR	MANUFACTURER
ATS	AUTOMATIC TRANSFER SWITCH	MECH	MECHANICAL
BATT	BATTERY	MH	MANHOLE
BLDG	BUILDING	MIN	MINIMUM
BRKR	BREAKER	MTD	MOUNTED
C	CABLE; CONDUIT; COIL	MTG	MOUNTING
CAB.	CABINET	MTR	MOTOR
CB	CIRCUIT BREAKER	MTU	MAIN TERMINAL UNIT
CIRC	CIRCULATION	NC	NORMALLY CLOSED
CKT	CIRCUIT	NEUT	NEUTRAL
CO	CONDUIT ONLY	NIC	NOT IN CONTRACT
COMM	COMMUNICATIONS	NO	NUMBER; NORMALLY OPEN
CONTR	CONTRACTOR	NTS	NOT TO SCALE
CR	CONTROL RELAY	OFOI	OWNER FURNISHED, OWNER INSTALLED
CS	CONTROL SWITCH	PF	POWER FACTOR
CT	CURRENT TRANSFORMER	PH	PHASE
CTL	CONTROL	PKG	PACKAGE
CU	COPPER	PNL	PANEL; PANELBOARD
D	DEEP (DIM)	R	RELOCATE OR RELOCATED
DET	DETAIL	RECEPT	RECEPTACLE
DISC	DISCONNECT	REFER	REFRIGERATOR
DWG	DRAWING	RM	ROOM
EA	EACH	SCHED	SCHEDULE
EF	EXHAUST FAN	SECT	SECTION
EL	ELEVATION	SHLD	SHIELDED
ELEC	ELECTRICAL	SMR	SURFACE METAL RACEWAY
EMERG	EMERGENCY	SPEC	SPECIFICATIONS
EQUIP	EQUIPMENT	SQ	SQUARE
E, EXIST	EXISTING	ST	SHUNT TRIP
ETR	EXISTING TO REMAIN	STBY	STANDBY
FA	FIRE ALARM	STD	STANDARD
FAA	FIRE ALARM ANNUNCIATOR	STL	STEEL
FACP	FIRE ALARM CONTROL PANEL	SW	SWITCH
FDR	FEEDER	TB	TERMINAL BLOCK
FLR	FLOOR	TEMP	TEMPORARY; TEMPERATURE
FT	FEET; FOOT	TTB	TELEPHONE TERMINAL BACK BOARD
FU	FUSE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
FUT	FUTURE	TYP	TYPICAL
GALV	GALVANIZED	UH	UNIT HEATER
GFI	GROUNDING FAULT INTERRUPTER	UON	UNLESS OTHERWISE NOTED
GND	GROUND	UPS	UNINTERRUPTIBLE POWER SUPPLY
GRS	GALVANIZED RIGID STEEL	V	VOLT (S)
H	HIGH (DIM)	W	WATT (S), WIDE (DIM), WEST
HH	HANDHOLE	WG	WIRE GUARD
HID	HIGH INTENSITY DISCHARGE	WHM	WATT HOUR METER
HP	HORSEPOWER	WP	WEATHERPROOF
HZ	HERTZ (CYCLES PER SEC)	XFMR	TRANSFORMER
IC	INTERRUPTING CAPACITY	Z	IMPEDANCE
IDF	INTERMEDIATE DATA FRAME		
IN	INCH		
JB	JUNCTION BOX		
kcmil	THOUSAND CIRCULAR MILS		
kVA	KILOVOLTAMPERES		
kW	KILOWATT(S)		
kWH	KILOWATT HOUR		
LC	LOCKING COVER		
LCC	LIGHTING CONTROL CONTACTOR		
LT	LIGHT		
LTG	LIGHTING		
LVL	LEVEL		

ELECTRICAL SYMBOLS LEGEND

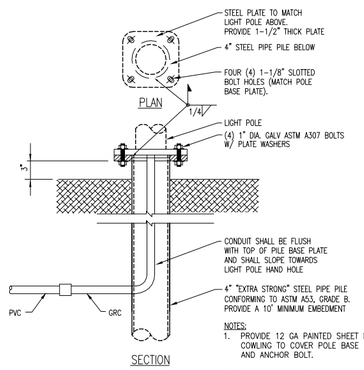
SYMBOL PLAN	SYMBOL DIAGRAM	DESCRIPTION
		FLUSH MOUNTED PANELBOARD
		SURFACE MOUNTED PANELBOARD
PNL LD		PANELBOARD – SEE PANEL SCHEDULE PANEL NAME TEXT INDICATES:
		EQUIPMENT CABINET – TYPE AS INDICATED
CB	ST 30A/3P	CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES CL – INDICATES CURRENT LIMITING ST – INDICATES SHUNT TRIP
		DISCONNECT SWITCH 3-POLE UNLESS NOTED OTHERWISE – OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED
		MANUAL STARTER WITH THERMAL PROTECTION
		COMBINATION STARTER HP RATED, 3-POLE, NEMA SIZE 1 MINIMUM UNLESS NOTED OTHERWISE – OVERCURRENT PROTECTION AS REQUIRED BY EQUIPMENT MANUFACTURER OR AS NOTED
	M	STARTER (UNLESS OTHERWISE NOTED) 3-POLE, NEMA SIZE 1 MINIMUM UNLESS NOTED OTHERWISE
		EQUIPMENT CONNECTION
M	M	MOTOR CONNECTION SEE MECHANICAL SCHEDULE FOR MOTOR DATA
		TRANSFORMER
		GROUND CONNECTION
G		GROUND WIRE
		CONDUIT: ROUTED UNDERGROUND OR UNDERSLAB
A–2,4,6		HOME RUN – NUMBER OF CONDUCTORS AS INDICATED –LETTER DESIGNATION INDICATES PANEL –NUMBER(S) INDICATE CIRCUIT
		RACEWAY MARKING INDICATES QUANTITY OF WIRES IN CONDUIT –HASH MARKS INDICATE PHASE CONDUCTORS –LONG HASH MARKS INDICATE NEUTRAL CONDUCTORS PROVIDE ADDITIONAL COPPER EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS, (NOT SHOWN). UNMARKED CONDUIT RUNS ARE 2#12 & 1#12 GND. U.O.N.
J		JUNCTION BOX
		FLUSH, FLOOR-MOUNTED RECEPTACLE
2 G		RECEPTACLE OUTLET: SUBSCRIPT NUMBER INDICATES CIRCUIT GROUPING SUBSCRIPT LETTER INDICATES: EP – EXPLOSION PROOF G – WITH GROUND FAULT PROTECTION S – SAFETY TYPE T – TIMER CONTROLLED WP – WEATHERPROOF
		GROUNDING TYPE DUPLEX RECEPTACLE, 125V, 20A
		GROUNDING TYPE DOUBLE-DUPLEX RECEPTACLE, 125V, 20A
A		SPECIAL PURPOSE RECEPTACLE SUBSCRIPT LETTER INDICATES TYPE
		SURFACE METAL RACEWAY, WIREMOLD 4000V OR APPROVED EQUAL.
		CABLE TRAY
EF-2		MECHANICAL EQUIPMENT ITEM. REFER TO EQUIPMENT SCHEDULES FOR ELECTRICAL REQUIREMENTS.
1		SHEET NOTE SPECIFIC TO AN ITEM
1		FEEDER TYPE TAG - REFER TO FEEDER SCHEDULE

ELECTRICAL SYMBOLS LEGEND

SYMBOL PLAN	SYMBOL DIAGRAM	DESCRIPTION
6a		LIGHTING FIXTURE: ADJACENT NUMERAL INDICATES CIRCUIT GROUPING LOWER-CASE LETTER DENOTES SWITCHING GROUP
6a		RECESSED FLUORESCENT FIXTURE
		PENDANT MOUNTED LIGHTING FIXTURE
		SURFACE OR SUSPENDED MOUNTED LIGHTING FIXTURE
		STRIP FLUORESCENT LIGHTING FIXTURE
		CEILING-MOUNTED LIGHTING FIXTURE – TYPE AS NOTED
K		WALL-MOUNTED LIGHTING FIXTURE – TYPE AS NOTED
		DIRECTIONAL FIXTURE – TYPE AS NOTED
		WALL WASH CAN LIGHT
		EXIT SIGN – ARROW INDICATES DIRECTION OF EGRESS
FA		LIGHT FIXTURE IDENTIFICATION, SEE SCHEDULE
		LIGHTING FIXTURE, WALL BRACKET MOUNTED FLUORESCENT
		WALL OR CEILING MOUNTED, BATTERY POWERED EMERGENCY LIGHT WALL MOUNTED AT +8'-0" AFF UNLESS OTHERWISE NOTED.
		WALL OR CEILING MOUNTED, REMOTE BATTERY POWERED EMERGENCY LIGHT FIXTURE WALL MOUNTED AT +8'-0" AFF UNLESS OTHERWISE NOTED.
NL		HATCHING OR FILLED DOT INDICATES FIXTURE PROVIDED WITH BATTERY BACKED UP BALLAST FOR EMERGENCY LIGHTING. AN "NL" ADJACENT THE FIXTURE INDICATES WIRED AS A NIGHT LIGHT, UNSWITCHED.
		EXISTING LIGHT POLE
		PEDESTRIAN LIGHT POLE
		ILLUMINATION CONTROL STATION, SEE SCHEDULE
$3		WALL SWITCH – SUBSCRIPT INDICATES: 3 THREE-WAY 4 FOUR-WAY D DIMMER (600W UNLESS NOTED OTHERWISE) K KEY-OPERATED LV LOW-VOLTAGE LVM LOW-VOLTAGE MASTER MC MOMENTARY-CONTACT P SWITCH WITH PILOT LIGHT T TIMER WP WEATHERPROOF a,b LOWER CASE LETTERS INDICATE SWITCHING CONTROL
OD		OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNTED 360° DUAL TECHNOLOGY (PASSIVE INFRARED & ULTRASONIC). WATTSTOPPER NO. DT-300 OR APPROVED EQUAL. PROVIDE WITH POWER PACK AND ISOLATED RELAY UNIT AS REQUIRED FOR BI-LEVEL LIGHTING CONTROL.
OU		OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNTED 360° ONE-SIDED ULTRASONIC COVERAGE. WATTSTOPPER NO. WT-600 OR APPROVED EQUAL. PROVIDE WITH POWER PACK AND ISOLATED RELAY UNIT AS REQUIRED FOR BI-LEVEL LIGHTING CONTROL.
		OCCUPANCY SENSOR FOR LIGHTING CONTROL, WALL MOUNTED DUAL TECHNOLOGY (PASSIVE INFRARED & ULTRASONIC). WATTSTOPPER NO. DT-200 OR APPROVED EQUAL. PROVIDE WITH POWER PACK AND ISOLATED RELAY UNITS AS REQUIRED FOR MULTI-LEVEL LIGHTING CONTROL.
$0		WALL SWITCH OCCUPANCY SENSOR FOR LIGHTING CONTROL, PASSIVE INFRARED MTD. AT 48". WATTSTOPPER NO. WA-200 OR APPROVED EQUAL.

ELECTRICAL SYMBOLS LEGEND

SYMBOL PLAN	SYMBOL DIAGRAM	DESCRIPTION
		SPRINKLER/FIRE ALARM SYSTEM HORN, WALL MOUNTED, WEATHER PROOF
H	H	FIRE ALARM HORN – STROBE COMBINATION, WALL MTD.
H M	H M	MINI FIRE ALARM HORN – STROBE COMBINATION, WALL MTD.
H	H	FIRE ALARM STROBE – WALL MTD.
HF	HF	FIRE ALARM MANUAL PULL STATION
I	I	FIRE ALARM IONIZATION DETECTOR
2	2	DUCT DETECTOR WITH AUXILIARY CONTACTS
H	H	FIRE ALARM HEAT DETECTOR
FS	FS	FIRE SMOKE DAMPER CONNECTED TO FIRE ALARM SYSTEM
M	M	MAGNETIC DOOR HOLDER CONNECTED TO FIRE ALARM SYSTEM
FM	FM	SPRINKLER SYSTEM FLOW SWITCH CONNECTED TO FIRE ALARM
SM	SM	SPRINKLER SYSTEM TAMPER SWITCH CONNECTED TO FIRE ALARM
FCP		FIRE ALARM CONTROL PANEL
HCR	HCR	PROXIMITY CARD READER
M		TELECONFERENCE MICROPHONE
M		PODIUM MICROPHONE
P		CEILING MOUNTED PROJECTOR
4		COMMUNICATIONS SYSTEM (4) PORT OUTLET: (2) CAT 5e JACKS NUMBER ADJACENT SYMBOL INDICATES QUANTITY OF JACKS TWO JACKS AT EACH OUTLET UNLESS OTHERWISE NOTED.
		CEILING MOUNTED DATA PORT 1 CAT 5e JACK
S		WALL MOUNTED SPEAKER
S		CEILING MOUNTED SPEAKER
		TTB, TELEPHONE TERMINAL BOARD
		12V COLORED INDICATOR LAMP
2A		PATIENT WAITING ZONE LIGHT
		PATIENT WAITING SWITCH LOCATION
		AREA OF REFUGE COMMUNICATIONS STATION



1 PATHWAY LIGHT POLE BASE DETAIL
NO SCALE

PROJECT NOTES:

1. INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, ASME 17.1, NFPA 72, STATE AND LOCAL AMENDMENTS, AND NECA STANDARDS OF INSTALLATION.
2. ALL WIRING INSTALLED IN UNHEATED OR EXTERIOR SPACES SHALL BE XHHW, INTERIOR WIRING MAY BE THHW/THHN.
3. CONDUCTORS SHALL BE #12 AWG COPPER MINIMUM OR AS SHOWN ON DRAWINGS. HOME RUN CONDUCTORS SHALL BE #10 AWG COPPER MINIMUM OR AS REQUIRED BY THE NEC. MINIMUM SIZE FOR 20A BRANCH CIRCUIT MEASURED FROM THE PANELBOARD TO THE FURTHEST DEVICE ON THE CIRCUIT UNLESS NOTED ON DRAWINGS:
   10 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 75'.
   8 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 175'.
   TRANSITION TO #12 WIRE WITHIN 15 FEET OF DEVICE IF SMALL CONDUCTOR IS REQUIRED FOR DEVICE TERMINATION.
4. SURFACE MOUNT CONDUIT IS NOT ALLOWED EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND BOILER ROOMS, UNLESS OTHERWISE NOTED ON DRAWINGS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS FOR CIRCUITS OPERATING ABOVE 24 VOLTS AS REQUIRED BY CODE.
6. MAINTAIN MINIMUM 6" CLEARANCE BETWEEN CONDUIT AND PIPING. MAINTAIN 12" CLEARANCE BETWEEN CONDUIT AND HEAT SOURCES SUCH AS FLUES, HEATING PIPES, AND HEATING APPLIANCES.
7. CIRCUIT NUMBERS ARE SHOWN NEXT TO LIGHTING FIXTURES AND ELECTRICAL DEVICES ONLY. REFER TO EQUIPMENT SCHEDULE IF CIRCUIT ASSIGNMENT NOT SHOWN ON PLAN. PROVIDE WIRING AS REQUIRED PER THE N.E.C.
8. VERIFY CEILING TYPES THROUGHOUT. PROVIDE ALL MOUNTING ACCESSORIES, TRIM, FLANGES, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION.

STATE OF ALASKA 49TH — DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES — REGISTERED PROFESSIONAL ENGINEER — EE 800

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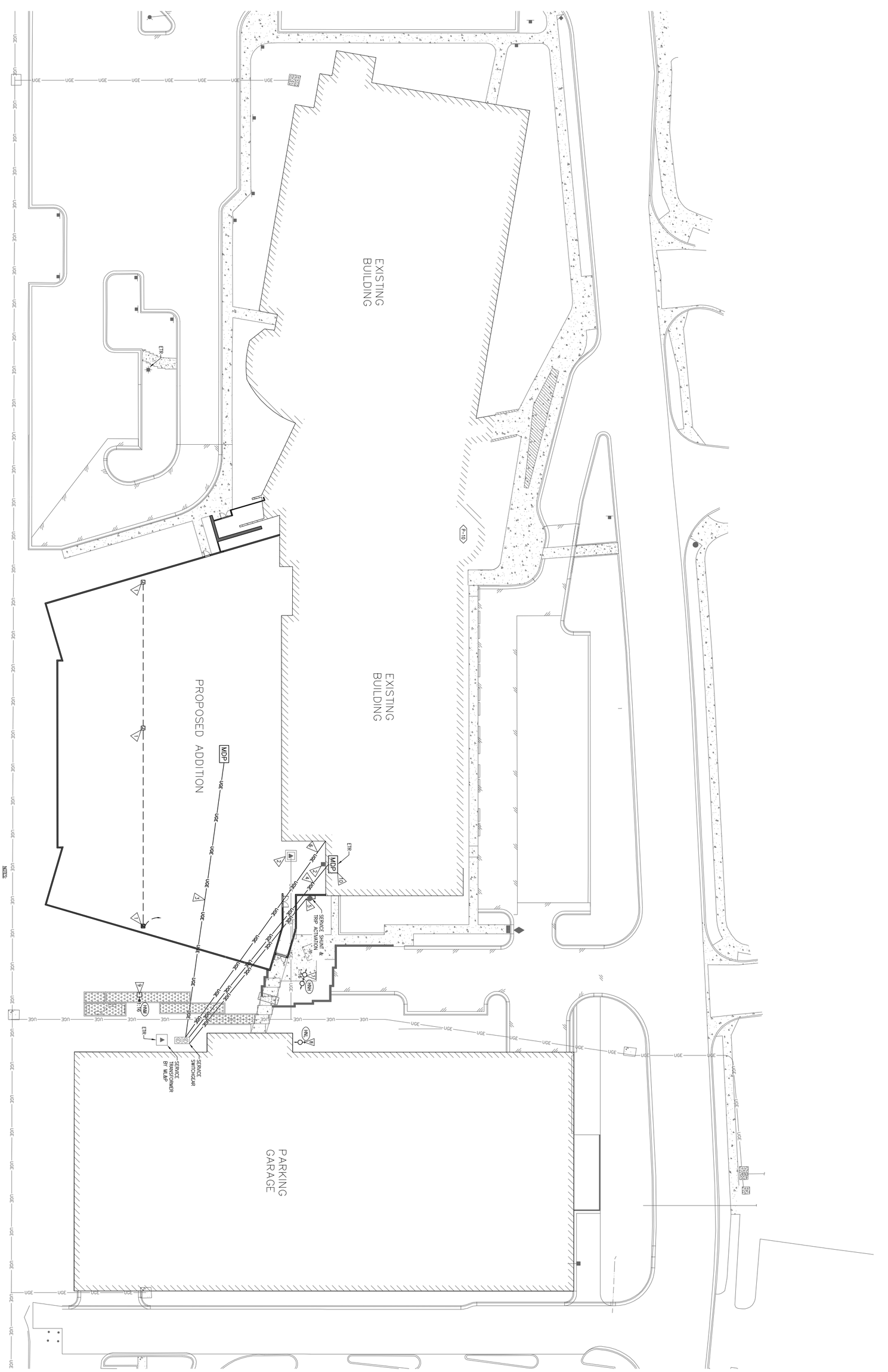
CONFORMED DRAWINGS

ELECTRICAL SYMBOLS LEGEND

SHEET NO.
E0.10
E0.10 ELECT LEGEND.DWG



1 ELECTRICAL – SITE PLAN
1" = 20'

CONFORMED DRAWINGS

REVISIONS	
03.28.2008	RE: ASI-003
04.17.2008	CORRECTIONS PER MOA COMMENTS
04.17.2008	COORDINATION CORRECTIONS

Southcentral Foundation
PCC III Clinic
Anchorage, Alaska

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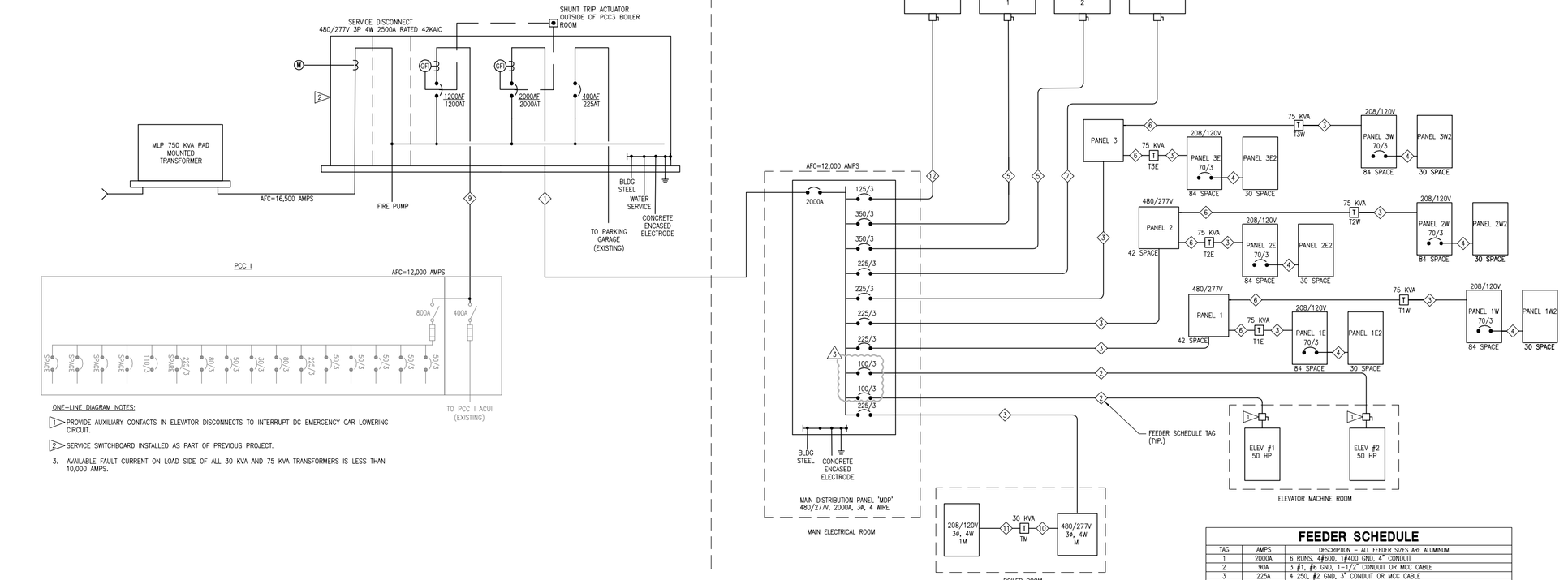
STATE OF ALASKA — 49TH — TIMOTHY G. LOONEY — EE 8080 — REGISTERED PROFESSIONAL ENGINEER

JOB NO. 180178.00
DATE 03.17.2008
DRAWN AJM
REVIEWED TEL

ELECTRICAL SITE PLAN

SHEET NO. **E0.11**



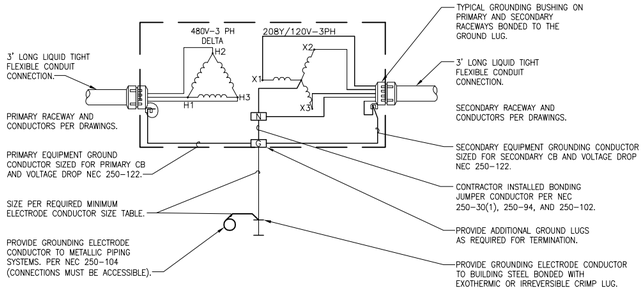
ONE-LINE DIAGRAM NOTES:

1. PROVIDE AUXILIARY CONTACTS IN ELEVATOR DISCONNECTS TO INTERRUPT DC EMERGENCY CAR LOWERING CIRCUIT.
2. SERVICE SWITCHBOARD INSTALLED AS PART OF PREVIOUS PROJECT.
3. AVAILABLE FAULT CURRENT ON LOAD SIDE OF ALL 30 KVA AND 75 KVA TRANSFORMERS IS LESS THAN 10,000 AMPS.

1 POWER ONE-LINE DIAGRAM
SCALE: NTS

FEEDER SCHEDULE

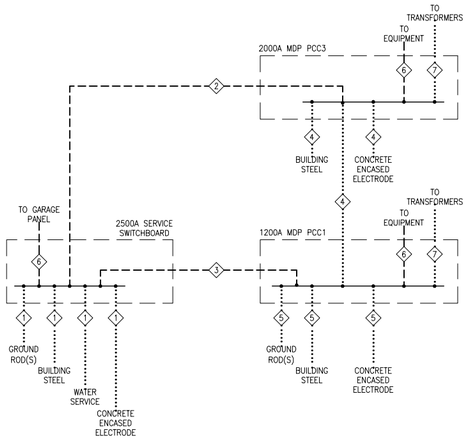
TAG	AMPS	DESCRIPTION - ALL FEEDER SIZES ARE ALUMINUM
1	2000A	6 RUNS, 4#600, 1#400 GND, 4" CONDUIT
2	90A	3 #1, #6 GND, 1-1/2" CONDUIT OR MCC CABLE
3	225A	4 250, #2 GND, 3" CONDUIT OR MCC CABLE
4	70A	4 #3, #6 GND, 1-1/4" CONDUIT
5	350A	2 3#3/0, #1 GND, 2-1/2" CONDUIT OR MCC CABLE
6	100A	3 #1/0, #6 GND, 1-1/2" CONDUIT OR MCC CABLE
7	225A	3 #250, #2 GND, 3" CONDUIT OR MCC CABLE
8		NOT USED
9	1200A	4 RUNS, 4#500, 1#250 GND, 3-1/2" CONDUIT
10	45A	3 #4, #8 GND, 1-1/4" CONDUIT
11	100A	4 #1, #6 GND, 1-1/2" CONDUIT
12	125A	3 #2/0, #4 GND, 2" CONDUIT OR MCC CABLE



2 TRANSFORMER GROUNDING DIAGRAM - TYPICAL
SCALE: NTS

REQUIRED MINIMUM ELECTRODE CONDUCTOR SIZE	
TRANSFORMER SECONDARY LARGEST CONDUCTOR*	ELECTRODE CONDUCTOR SIZE
#2 OR SMALLER	8
1 OR 1/0	6
2/0 OR 3/0	4
OVER 3/0 THROUGH 350 KCMIL	2
OVER 350 KCMIL THROUGH 600 KCMIL	1/0
OVER 600 KCMIL THROUGH 1100 KCMIL	2/0
OVER 1100 KCMIL	3/0

NOTES:
1. LARGEST SUM OF THE AREAS OF CORRESPONDING PARELLED CONDUCTORS OF A SET.
2. BASED ON COPPER CONDUCTORS USE NEC 250.122 IF ALUMINUM CONDUCTORS ARE USED.



3 GROUNDING RISER DIAGRAM
SCALE: NTS

CONDUCTOR SIZE	
1	EXISTING 3/0 AWG COPPER
2	400 KCMIL ALUMINUM
3	250 KCMIL ALUMINUM
4	3/0 AWG COPPER OR 250 KCMIL ALUMINUM
5	EXISTING 3/0 AWG COPPER
6	SIZE PER NEC TABLE 250.122
7	SIZE PER NEC TABLE 250.66

LEGEND	
- - - - -	EQUIPMENT GROUNDING CONDUCTOR
.....	GROUNDING ELECTRODE CONDUCTOR

NOTE:
NEUTRAL GROUND BOND ONLY AT SERVICE SWITCHBOARD.

CAMPUS SERVICE CALCULATIONS

230.62 SERVICE EQUIPMENT RATING

PARKING GARAGE	133 KVA
PCC1	281 KVA
PCC3	1,213 KVA
TOTAL LOAD	1,627 KVA
MINIMUM EQUIPMENT RATING @ 480 V	1,959 AMPS
DESIGN RATING :	2,500 AMPS

*** CODE REFERENCES BASED ON 2005 NEC

PCC1 FEEDER CALCULATIONS

220.87 FEEDER LOAD CALCULATION (EXIST BUILDING)

PEAK DEMAND PREVIOUS 12 MONTHS - JUNE 2006	225.0 KVA
PLUS 25%	56.3 KVA
EXISTNG TOTAL LOAD:	281.3 KVA

NEW LOAD

NO PLANNED ADDITIONAL LOADS	0 KVA
TOTAL LOAD	281 KVA
MINIMUM FEEDER AMPS @ 480 V	339 A
DESIGN FEEDER AMPS (ACTUAL)	1200 A

*** CODE REFERENCES BASED ON 2005 NEC

PARKING GARAGE FEEDER CALCULATIONS

220.12 GENERAL LIGHTING

177,00 SQ FT (@ .5VA/SQFT)	88,500 VA
NET LOAD:	89 KVA

220.44 RECEPTACLE LOAD

92 DUPLEX OUTLETS @ 180VA	16,560 VA
UP TO 10KVA AT 100%:	10,000 VA
LOADS OVER 10KVA AT 50%:	3,280 VA
NET LOAD:	13 KVA

220.50 MOTOR LOAD

EF-1 EXHAUST FAN 1/6 HP	500 VA
EH-2 EXHAUST FAN 1/6 HP	500 VA
P1A/B 3/4 HP	1,260 VA
B1 1HP	1,660 VA
B2 1HP	1,660 VA
P-2 1/4 HP	1,590 VA
P-3 1/4 HP	1,590 VA
P-4 1/4 HP	1,590 VA
P-5 1/4 HP	1,590 VA
P-6 1/4 HP	1,590 VA
P-7 1/4 HP	1,590 VA
UH-1	135 VA
UH-2	65 VA
CUH-1	230 VA
CUH-2	230 VA
CUH-3	230 VA
CUH-4	230 VA
CUH-5	230 VA
HT 1 -12	3,500 VA
TRASH COMPACTOR (5HP)	6,100 VA
ELEVATOR #1 40HP	4,140 VA
25% OF LARGEST MOTOR	1,035 VA
NET MECHANICAL LOAD:	31.2 KVA

220.40 FEEDER LOAD CALCULATION

TOTAL CALCULATED FEEDER LOAD (LTG, RECEPTS, MECHANICAL)	133 KVA
MINIMUM FEEDER AMPS @ 480 V	160 A

INCREASE CAPACITY FOR FUTURE

25% INCREASED CAPACITY	40 A
DESIGN FEEDER AMPS (MIN):	200 A
DESIGN FEEDER AMPS (ACTUAL)	200 A

*** CODE REFERENCES BASED ON 2005 NEC

PCC3 FEEDER CALCULATIONS

220.12 GENERAL LIGHTING

75,000 SQ FT (@ 3.5VA/SQFT)	263 KVA
NET LOAD:	263 KVA

220.44 RECEPTACLE LOAD

1500 DUPLEX OUTLETS @ 180VA	270 KVA
UP TO 10KVA AT 100%:	10 KVA
LOADS OVER 10KVA AT 50%:	130 KVA
NET LOAD:	140 KVA

220.50 MOTOR LOAD

AHU-1	
COMPRESSORS	120 KVA
8 COND FANS @1HP	11 KVA
1 SUPPLY FAN @40HP	41 KVA
RETURN FAN @40HP	41 KVA
AHU-2	
COMPRESSORS	120.0 KVA
8 COND FANS @1HP	11.2 KVA
1 SUPPLY FAN @40HP	41.4 KVA
RETURN FAN @40HP	41.3 KVA
AHU-3	
COMPRESSORS	75.5 KVA
6 COND FANS @1HP	8.4 KVA
1 SUPPLY FAN @20HP	21.5 KVA
RETURN FAN @7.5HP	8.8 KVA
OTHER MECHANICAL LOADS:	
PUMPS P-1,P-2 @ 7.5 HP EA	8.8 KVA
PUMPS P-3,P-4 @ 3 HP EA.	3.8 KVA
PUMPS P-5,P-6 @ 20 HP EA.	21.5 KVA
B-1,B-2 @ 2 HP EA.	5.4 KVA
P-7,P-8,P-9,P-10 @ 1/2 HP EA.	3.5 KVA
CABINET HEATERS 7 @ 1/6 HP EA.	8.9 KVA
EXHAUST FANS 3 @ 1/6 HP EA.	3.8 KVA
UH-2 (1/6 HP) 2ND FL.	1.3 KVA
DC-1 ROOFTOP 3 HP	3.8 KVA
AC-2 ROOF TOP (50 TON)	73.8 KVA
UH-1 1/6 HP BOILER RM.	0.8 KVA
PEVCO BLOWER 10HP	11.2 KVA
HEAT TRACE 1ST FL EXT.	0.3 KVA
FAN EF-5 @ 1 HP	1.8 KVA
UF-1 1.5 HP	2 KVA
ELEVATOR #1 50HP	51.8 KVA
ELEVATOR #2 50HP	51.8 KVA
25% OF LARGEST MOTOR (50HP)	13.0 KVA
NET MECHANICAL LOAD:	809.7 KVA

220.40 FEEDER LOAD CALCULATION

TOTAL CALCULATED FEEDER LOAD (LTG, RECEPTS, MECHANICAL)	1213 KVA
MINIMUM FEEDER AMPS @ 480 V	1459 A

INCREASE CAPACITY FOR FUTURE

25% INCREASED CAPACITY	365 A
DESIGN FEEDER AMPS (MIN):	1823 A
DESIGN FEEDER AMPS (ACTUAL)	2000 A

*** CODE REFERENCES BASED ON 2005 NEC

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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

REVISIONS
1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS

JOB NO. 100179_00
DATE 03-17-2008
DRAWN ALM
REVIEWED TEL

CONFORMED DRAWINGS

POWER ONE LINE

SHEET NO. E0.12

E0.12 POWER ONE LINE.DWG

PANEL MDP — 277/480V, 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION MAIN ELECTRICAL RM 1209 — 2000 AMP BUS 2000 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 42,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	PANEL M	101619	225	3	1	A	2	3	350	227000	AHU-1	5
	" "				3	B	4				" "	
	" "				5	C	6				" "	
5	AHU-2	227000	350	3	7	A	8	3	225	125000	AHU-3	5
	" "				9	B	10				" "	
	" "				11	C	12				" "	
3	PANEL 1	158449	225	3	13	A	14	3	225	151673	PANEL 2	3
	" "				15	B	16				" "	
	" "				17	C	18				" "	
5	EC-1 ELEVATOR #1	52000	90	3	19	A	20	3	225	156492	PANEL 3	3
	" "				21	B	22				" "	
	" "				23	C	24				" "	
5	EC-2 ELEVATOR #2	52000	90	3	25	A	26	3	125	73800	AC-2	5
	" "				27	B	28				" "	
	" "				29	C	30				" "	
	SPACE				31	A	32				SPACE	
	SPACE				33	B	34				SPACE	
	SPACE				35	C	36				SPACE	
	SPACE				37	A	38				SPACE	
	SPACE				39	B	40				SPACE	
	SPACE				41	C	42				SPACE	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.00	100%	0.00	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	466.61	100%	466.61	
4 EQUIPMENT (NON-CONTINUOUS)	101.62	100%	101.62	
5 MOTORS Largest Motor 50 HP	756.80	100%	769.68	
6 NOT USED	0.00	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	1325	-	1338	
TOTAL AMPS	1594	-	1609	
NEC 215.2 MINIMUM FEEDER RATING: 1750				

PANEL 3 — 277/480V, 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 3RD FLOOR EAST ELEC RM 3234 — 225 AMP BUS MAIN LUGS ONLY — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 22,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
1	LIGHTING	1394	20	1	1	A	2	1	20	1420	LIGHTING	1
1	LIGHTING	1482	20	1	3	B	4	1	20	1482	LIGHTING	1
1	LIGHTING	1656	20	1	5	C	6	1	20	1710	LIGHTING	1
1	LIGHTING	1254	20	1	7	A	8	1	20	741	LIGHTING	1
1	LIGHTING	1500	20	1	9	B	10	1	20	1284	LIGHTING	1
1	LIGHTING	798	20	1	11	C	12	1	20	1656	LIGHTING	1
1	LIGHTING	1441	20	1	13	A	14	1	20	630	LIGHTING	1
1	LIGHTING	1100	20	1	15	B	16	1	20	630	LIGHTING	1
1	LIGHTING	1000	20	1	17	C	18				SPACE	
5	EF-5 1 HP	1670	20	3	19	A	20	3	20	3820	DC-1 3 hp	5
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	SPACE				25	A	26				SPACE	
	SPACE				27	B	28				SPACE	
	SPACE				29	C	30				SPACE	
	SPACE				31	A	32				SPACE	
	SPACE				33	B	34				SPACE	
	SPACE				35	C	36				SPACE	
4	PANELS 3E	60847	100	3	37	A	38	3	100	68977	PANELS 3W	4
	" "				39	B	40				" "	
	" "				41	C	42				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	21.18	100%	21.18	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	129.82	100%	129.82	
5 MOTORS Largest Motor 3 HP	5.49	100%	6.44	
6 NOT USED	0.00	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	156.49	-	157.45	
TOTAL AMPS	188	-	189	
NEC 215.2 MINIMUM FEEDER RATING: 196				

PANEL 1E — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 1ST FL EAST ELEC RM 1234 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 1264	720	20	1	1	A	2	1	20	540	RECEPTACLES RM 1219	2
2	RECEPTACLES RM 1265	720	20	1	3	B	4	1	20	900	RECEPTACLES RM 1219	2
2	RECEPTACLES RM 1266	720	20	1	5	C	6	1	20	1000	FRIDGE RM 1219	4
2	RECEPTACLES RM 1267	900	20	1	7	A	8	1	20	1000	PYXIS RM 1219	4
2	RECEPTACLES RM 1267	900	20	1	9	B	10	1	20	1000	FREEZER RM 1219	4
2	RECEPTACLES RM 1242	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 1222	2
2	RECEPTACLES RM 1241	900	20	1	13	A	14	1	20	900	RECEPTACLES RM 1223	2
2	RECEPTACLES RM 1240	900	20	1	15	B	16	1	20	900	RECEPTACLES RM 1223	2
2	RECEPTACLES RM 1240	900	20	1	17	C	18	1	20	900	RECEPTACLES RM 1224	2
2	RECEPTACLES RM 1238	900	20	1	19	A	20	1	20	720	RECEPTACLES RM 1224	2
2	RECEPTACLES RM 1237	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 1211	2
2	RECEPTACLES RM 1237	720	20	1	23	C	24	1	20	900	RECEPTACLES RM 1212	2
2	RECEPTACLES RM 1236	720	20	1	25	A	26	1	20	360	RECEPTACLES RM 1212	2
2	RECEPTACLES RM 1236	900	20	1	27	B	28	1	20	900	RECEPTACLES RM 1213	2
2	RECEPTACLES RM 1236	1080	20	1	29	C	30	1	20	1080	RECEPTACLES RM 1214	2
2	RECEPTACLES RM 1235	540	20	1	31	A	32	1	20	900	RECEPTACLES RM 1214	2
2	RECEPTACLES RM 1233	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 1216	2
2	RECEPTACLES RM 1233	900	20	1	35	C	36	1	20	900	RECEPTACLES RM 1216	2
2	RECEPTACLES RM 1232	720	20	1	37	A	38	1	20	1000	FREEZER RM 1217	4
2	RECEPTACLES RM 1231	720	20	1	39	B	40	1	20	360	RECEPTACLES RM 1217	2
2	RECEPTACLES RM 1231	900	20	1	41	C	42	1	20	720	RECEPTACLES RM 1204	2
4	FRIDGE RM 1263	1000	20	1	43	A	44	1	20	900	RECEPTACLES RM 1204	2
4	MICROWAVE RM 1263	1000	20	1	45	B	46	1	20	540	P-TUBE	4
4	HOT WATER DISPENSER RM 1263	1000	20	1	47	C	48	1	20	900	RECEPTACLES RM 1206	2
2	RECEPTACLES RM 1257	540	20	1	49	A	50	1	20	720	RECEPTACLES RM 1208	2
2	RECEPTACLES RM 1256	720	20	1	51	B	52	1	20	720	RECEPTACLES RM 1208	2
2	RECEPTACLES RM 1255	540	20	1	53	C	54	1	20	900	RECEPTACLES RM 1192	2
2	RECEPTACLES RM 1254	720	20	1	55	A	56	1	20	720	RECEPTACLES RM 1196	2
2	RECEPTACLES RM 1253	540	20	1	57	B	58	1	20	900	RECEPTACLES RM 1196	2
2	RECEPTACLES RM 1252	720	20	1	59	C	60	1	20	540	RECEPTACLES RM 1197	2
2	RECEPTACLES RM 1251	360	20	1	61	A	62	1	20	360	RECEPTACLES RM 1198	2
2	RECEPTACLES RM 1251	540	20	1	63	B	64	1	20	540	RECEPTACLES RM 1200	2
2	RECEPTACLES RM 1251	360	20	1	65	C	66	1	20	540	RECEPTACLES RM	2
4	POWER DOOR RM 1251	180	20	1	67	A	68	1	20	900	RECEPTACLES RM 1194	2
2	ELEV PIT RECEPS	360	20	1	69	B	70	1	20	1080	RECEPTACLES RM 1191	2
4	PATIENT WAITING ANNUNCIATOR	360	20	1	71	C	72	1	20	900	RECEPTACLES RM 102	2
4	P-TUBE STATION POWER	540	20	1	73	A	74	1	20	540	RECEPTACLES RM 1105	2
4	CUH-2	510	20	1	75	B	76	1	20	180	POWER DOOR	4
	SPACE				77	C	78	2	20	2000	COPIER	4
4	PANEL 1E2	5730	70	3	79	A	80				" "	
	" "				81	B	82	1	20	540	MAIN ELEC ROOM RECEP	2
	" "				83	C	84	1	20	300	OVERHEAD EXAM LIGHT RM 1236	1

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.30	100%	0.30	
2 RECEPTACLES	48.24	50% OVER 10 KVA	29	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	17.04	100%	17	
5 MOTORS No Motors	0.00	100%	0.00	
6 NOT USED	0.00	0%	0.00	
7 NOT USED	0.00	100%	0.00	
TOTAL KVA	65.58	-	46	
TOTAL AMPS	182	-	129	
NEC 215.2 MINIMUM FEEDER RATING: 129				

PANEL 1 — 277/480V, 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 1ST FLOOR EAST ELEC RM 1234 — 225 AMP BUS MAIN LUGS ONLY — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 22,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
1	LIGHTING	1394	20	1	1	A	2	1	20	1420	LIGHTING	1
1	LIGHTING	1482	20	1	3	B	4	1	20	1482	LIGHTING	1
1	LIGHTING	1656	20	1	5	C	6	1	20	1710	LIGHTING	1
1	LIGHTING	1254	20	1	7	A	8	1	20	741	LIGHTING	1
1	LIGHTING	1026	20	1	9	B	10	1	20	1284	LIGHTING	1
1	LIGHTING	798	20	1	11	C	12	1	20	1656	LIGHTING	1
1	LIGHTING	1441	20	1	13	A	14	1	20	630	LIGHTING	1
1	LIGHTING	1100	20	1	15	B	16	1	20	1000	EXTERIOR LTG, NE CORNER	1
1	LIGHTING	500	20	1	17	C	18	1	20	500	LIGHTING	1
	SPACE				19	A	20				SPACE	
	SPACE				21	B	22				SPACE	
	SPACE				23	C	24				SPACE	
4	PANEL 1E	65580	100	3	25	A	26	3	100	70470	PANEL 1W	4
	" "				27	B	28				" "	
	" "				29	C	30				" "	
	SPACE				31	A	32				SPACE	
	SPACE				33	B	34				SPACE	
	SPACE				35	C	36				SPACE	
4	HT-1 HEAT TRACE (GFP BREAKER)	1200	20	1	37	A	38				SPACE	
1	LIGHTING RM 100	125	20	1	39	B	40				SPACE	
	SPACE				41	C	42				SPACE	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	21.20	100%	21.20	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	137.25	100%	137.25	
5 MOTORS Largest Motor 1/2 HP	0.00	100%	0.28	
6 NOT USED	0.00	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	158.45	-	158.73	
TOTAL AMPS	191	-	191	
NEC 215.2 MINIMUM FEEDER RATING: 197				

PANEL M — 277/480V, 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION BOILER ROOM 1117 — 225 AMP BUS MAIN LUGS ONLY — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 22,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
3	PANEL 1M	12020	45	3	1	A	2	1	20	550	LIGHTING BOILER RM 1117	1
	" "				3	B	4	1	20	550	LIGHTING FAN RM 2116	1
	" "				5	C	6				SPACE	
5	P-1 7.5 hp	8760	20	3	7	A	8				SPACE	
	" "				9	B	10				SPACE	
	" "				11	C	12				SPACE	
5	P-2 7.5 hp	8769	20	3	13	A	14	3	15	6060	P-3 5 hp	5
	" "				15	B	16				" "	
	" "				17	C	18				" "	
5	P-4 5 hp	6060	15	3	19	A	20	3	60	21500	P-5 20 hp	5
	" "				21	B	22				" "	
	" "				23	C	24				" "	
5	P-6 20 hp	21500	60	3	25	A	26				SPACE	
	" "				27	B	28				SPACE	
	" "				29	C	30				SPACE	
5	VF-1 1-1/2 hp	3820	15	3	31	A	32	3	15	880	P-9 1/2 hp	5
	" "				33	B	34				" "	
	" "				35	C	36				" "	
	SPACE				37	A	38	3	35	11150	PEVCO BLOWER 10 hp	5
	SPACE				39	B	40				" "	
	SPACE				41	C	42				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	1.10	100%	1.10	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	12.02	100%	12.02	
4 EQUIPMENT (NON-CONTINUOUS)	0.00	100%	0.00	
5 MOTORS Largest Motor 10 HP	88.50	100%	91.27	
6 NOT USED	0.00	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	101.62	-	104.39	
TOTAL AMPS	122	-	126	
NEC 215.2 MINIMUM FEEDER RATING: 130				

PANEL 1W — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 1ST FL WEST ELEC RM 1164 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 1261	1260	20	1	1	A	2	1	20	720	RECEPTACLES RM 1148	2
2	RECEPTACLES RM 1262	1260	20	1	3	B	4	1	20	1000	FREEZER RM 1148	4
2	RECEPTACLES RM 1262	1260	20	1	5	C	6	1	20	1000	FRIDGE RM 1149	4
2	RECEPTACLES RM 1187	720	20	1	7	A	8	1	20	1000	PYXIS RM 1149	4
2	RECEPTACLES RM 1172	1080	20	1	9	B	10	1	20	1000	FREEZER RM 1149	4
2	RECEPTACLES RM 1172	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 1149	2
2	RECEPTACLES RM 1186	1080	20	1	13	A	14	1	20	1080	RECEPTACLES RM 1146	2
2	RECEPTACLES RM 1161	900	20	1	15	B	16	1	20	1080	RECEPTACLES RM 1146	2
2	RECEPTACLES RM 1171	900	20	1	17	C	18	1	20	720	RECEPTACLES RM 1149	2
2	RECEPTACLES RM 1162	900	20	1	19	A	20	1	20	900	RECEPTACLES RM 1145	2
2	RECEPTACLES RM 1163	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 1151	2
2	RECEPTACLES RM 1163	1080	20	1	23	C	24	1	20	900	RECEPTACLES RM 1151	2
2	RECEPTACLES RM 1170	900	20	1	25	A	26	1	20	900	RECEPTACLES RM 1144	2
2	RECEPTACLES RM 1170	720	20	1	27	B	28	1	20	900	RECEPTACLES RM 1143	2
2	RECEPTACLES RM 1164 & 1165	360	20	1	29	C	30	1	20	900	RECEPTACLES RM 1152	2
2	RECEPTACLES RM 1168	900	20	1	31	A	32	1	20	900	RECEPTACLES RM 1152	2
2	RECEPTACLES RM 1167	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 1153	2
2	RECEPTACLES RM 1167	1080	20	1	35	C	36	1	20	540	RECEPTACLES RM 1152,1153	2
2	RECEPTACLES RM 1166	1080	20	1	37	A	38	1	20	900	RECEPTACLES RM 1141	2
2	RECEPTACLES RM 1166	900	20	1	39	B	40	1	20	900	RECEPTACLES RM 1141	2
2	RECEPTACLES RM 11181	360	20	1	41	C	42	1	20	540	RECEPTACLES RM 1142	2
4	RECEPTACLES RM 1181	540	20	1	43	A	44	1	20	1080	RECEPTACLES RM 1130	2
4	RECEPTACLES RM 1181	360	20	1	45	B	46	1	20	900	RECEPTACLES RM 1130	2
2	RECEPTACLES RM 1184	720	20	1	47	C	48	1	20	900	RECEPTACLES RM 1130	2
2	RECEPTACLES RM 1182	720	20	1	49	A	50	1	20	900	RECEPTACLES RM 1132	2
2	RECEPTACLES RM 1183	540	20	1	51	B	52	1	20	900	RECEPTACLES RM 1134	2
2	RECEPTACLES RM 1101	900	20	1	53	C	54	1	20	900	RECEPTACLES RM 1134	2
2	RECEPTACLES RM 1101	540	20	1	55	A	56	1	20	900	RECEPTACLES RM 1136	2
3	FACP SIGNAL EXPANDER RM 1164	500	20	1	57	B	58	1	20	1080	RECEPTACLES RM 1136	2
4	MICROWAVE	1000	20	1	59	C	60	1	20	1080	RECEPTACLES RM 1126	2
4	SECURITY DOORS	900	20	1	61	A	62	1	20	1080	RECEPTACLES 1126	2
4	P-TUBE STATION POWER	540	20	1	63	B	64	1	20	900	RECEPTACLES RM 1129	2
4	DOOR OPERATOR POWER	180	20	1	65	C	66	1	20	900	RECEPTACLES RM 1127	2
4	DOOR OPERATOR POWER	180	20	1	67	A	68	1	20	720	RECEPTACLES RM 1124	2
4	SLIDING FIRE DOOR	180	20	1	69	B	70	1	20	900	RECEPTACLES RM 1125	2
4	CUH-3, CUH-4	1020	20	1	71	C	72	1	20	1080	RECEPTACLES RM 1121	2
1	OVERHEAD EXAM LIGHT RM 1166	300	20	1	73	A	74	2	20	2000	COPIER RM 1125	4
4	RANGE RM 1129	4000	40	2	75	B	76				" "	
	" "				77	C	78	1	20	360	PATIENT WAITING ANNUNCIATOR	4
4	PANEL 1W2	2000	70	3	79	A	80	1	20	450	SECURITY DOORS	4
	" "				81	B	82	1	20	300	OVERHEAD EXAM LIGHT RM 1146	1
	" "				83	C	84				SPACE	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.60	100%	0.60	Circuit 1W:57 must be identified with a "FIRE ALARM CIRCUIT" label.
2 RECEPTACLES	51.66	50% OVER 10 KVA	31	
3 EQUIPMENT (CONTINUOUS)	0.50	100%	0.50	
4 EQUIPMENT (NON-CONTINUOUS)	17.71	100%	18	
5 MOTORS No Motors	0.00	100%	0.00	
6 NOT USED	0.00	0%	0.00	
7 NOT USED	0.00	100%	0.00	
TOTAL KVA	70.47	-	49.64	
TOTAL AMPS	196	-	138	
NEC 215.2 MINIMUM FEEDER RATING: 139				

PANEL 2 — 277/480V, 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 2ND FLOOR EAST ELEC RM 2234 — 225 AMP BUS MAIN LUGS ONLY — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 22,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
1	LIGHTING	1394	20	1	1	A	2	1	20	1420	LIGHTING	1
1	LIGHTING	1482	20	1	3	B	4	1	20	1482	LIGHTING	1
1	LIGHTING	1656	20	1	5	C	6	1	20	1710	LIGHTING	1
1	LIGHTING	1254	20	1	7	A	8	1	20	741	LIGHTING	1
1	LIGHTING	1500	20	1	9	B	10	1	20	1284	LIGHTING	1
1	LIGHTING	798	20	1	11	C	12	1	20	1656	LIGHTING	1
1	LIGHTING	1441	20	1	13	A	14	1	20	630	LIGHTING	1
1	LIGHTING	1100	20	1	15	B	16	1	20	3600	LIGHTING	1
1	STAIRWELL LIGHTING WEST	500	20	1	17	C	18	1	20	500	STAIRWELL LIGHTING EAST	1
4	AC-1 CEILING RM 2209	360	20	1	19	A	20				SPACE	
	SPACE				21	B	22				SPACE	
	SPACE				23	C	24				SPACE	
	SPACE				25	A	26				SPACE	
	SPACE				27	B	28				SPACE	
	SPACE				29	C	30				SPACE	
	SPACE				31	A	32				SPACE	
	SPACE				33	B	34				SPACE	
	SPACE				35	C	36				SPACE	
4	PANEL 2E	61525	100	3	37	A	38	3	100	65640	PANELS 2W	4
	" "				39	B	40				" "	
	" "				41	C	42				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	24.15	100%	24.15	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	127.53	100%	127.53	
5 MOTORS No Motors	0.00	100%	0.00	
6 NOT USED	0.00	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	151.67	-	151.67	
TOTAL AMPS	182	-	182	
NEC 215.2 MINIMUM FEEDER RATING: 190				

PANEL 1M — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION BOILER ROOM 1117 — 100 AMP BUS 100 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	UH-1, UH-2	1020	20	1	1	A	2	1	20	1020	CUH-5, CUH-6	4
5	P-7 1/4 HP	670	20	1	3	B	4	1	20	510	CUH-7	4
2	ROOFTOP RECEPTACLES	540	20	1	5	C	6	1	20	510	CUH-1	4
	SPACE				7	A	8	1	20	500	DDC PANEL	4
	SPACE				9	B	10				SPACE	
	SPACE				11	C	12				SPACE	
	SPACE				13	A	14	3	20	2700	BOILER B-1	5
2	BOILER RM RECEPTACLES	720	20	1	15	B	16				" "	
5	SNOW MWLT PUMP P-9 1/2 HP	1130	20	1	17	C	18				" "	
	SPACE				19	A	20	3	20	2700	BOILER B-2	5
	SPACE				21	B	22				" "	
	SPACE				23	C	24				" "	
	SPACE				25	A	26				SPACE	
	SPACE				27	B	28				SPACE	
	SPACE				29	C	30				SPACE	
	SPACE				31	A	32				SPACE	
	SPACE				33	B	34				SPACE	
	SPACE				35	C	36				SPACE	
	SPACE				37	A	38				SPACE	
	SPACE				39	B	40				SPACE	
	SPACE				41	C	42				SPACE	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.00	100%	0.00	
2 RECEPTACLES	1.26	50% OVER 10 KVA	1.26	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	2.54	100%	2.54	
5 MOTORS Largest Motor 2 HP	6.42	100%	7.10	
6 NOT USED	1.80	0%	0.00	
7 ELEVATOR EQUIPMENT	0.00	100%	0.00	
TOTAL KVA	12.02	-	10.90	
TOTAL AMPS	33	-	30	
NEC 215.2 MINIMUM FEEDER RATING: 30				

PANEL 1W2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 1ST FL WEST ELEC RM 1164 — 100 AMP BUS — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	SMOKE DAMPERS	500	20	1	1	A	2				SPACE	
4	SMOKE DAMPERS	500	20	1	3	B	4				SPACE	
4	FRIDGE RM 1129	1000	20	1	5	C	6				SPACE	
	SPACE				7	A	8				SPACE	
	SPACE				9	B	10				" "	
	SPACE				11	C	12				" "	
	" "				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.00	100%	0.00	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	2.00	100%	2.00	
5 MOTORS No Motors	0.00	100%	0.00	
6 NOT USED	0.00	0%	0.00	
7 NOT USED	0.00	100%	0.00	
TOTAL KVA	2.00	-	2.00	
TOTAL AMPS	6	-	6	
NEC 215.2 MINIMUM FEEDER RATING: 6				

PANEL 1E2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 1ST FL EAST ELEC RM 1234 — 100 AMP BUS — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
5	P-8 SNOW MELT PUMP 1/2 HP	1130	20	1	1	A	2	3	15	3000	OWNER FURNISHED UPS	4
4	SMOKE DAMPERS	500	20	1	3	B	4				"	
4	SMOKE DAMPERS	500	20	1	5	C	6				"	
	SPACE				7	A	8	1	20	600	SECURITY DOORS	4
	SPACE				9	B	10				SPACE	
	SPACE				11	C	12				SPACE	
	SPACE				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
1 LIGHTING	0.00	100%	0.00	
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00	
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00	
4 EQUIPMENT (NON-CONTINUOUS)	4.60	100%	4.60	
5 MOTORS No Motors	1.13	100%	1.13	
6 NOT USED	0.00	0%	0.00	
7 NOT USED	0.00	100%	0.00	
TOTAL KVA	5.73	-	5.73	
TOTAL AMPS	16	-	16	
NEC 215.2 MINIMUM FEEDER RATING: 16				

STATE OF ALASKA 49TH — REGISTERED PROFESSIONAL ENGINEER — TIM E. LOONEY EE 9369 — Apr 18, 2008

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REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS

CONFORMED DRAWINGS

JOB NO. 100179_00
DATE 03-17-2008
DRAWN ALM
REVIEWED TEL

PANEL SCHEDULES

SHEET NO. E0.13

E0.13 PANEL SCHEDULES.DWG

PANEL 2E — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 2ND FL EAST ELEC RM 2234 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 2264	720	20	1	1	A	2	1	20	540	RECEPTACLES RM 2219	2
2	RECEPTACLES RM 2265	720	20	1	3	B	4	1	20	900	RECEPTACLES RM 2219	2
2	RECEPTACLES RM 2266	720	20	1	5	C	6	1	20	1000	FRIDGE RM 2219	4
2	RECEPTACLES RM 2267	900	20	1	7	A	8	1	20	1000	PYXIS RM 2219	4
2	RECEPTACLES RM 2267	900	20	1	9	B	10	1	20	1000	FREEZER RM 2219	4
2	RECEPTACLES RM 2242	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 2222	2
2	RECEPTACLES RM 2241	900	20	1	13	A	14	1	20	900	RECEPTACLES RM 2223	2
2	RECEPTACLES RM 2240	900	20	1	15	B	16	1	20	900	RECEPTACLES RM 2223	2
2	RECEPTACLES RM 2240	900	20	1	17	C	18	1	20	900	RECEPTACLES RM 2224	2
2	RECEPTACLES RM 2238	900	20	1	19	A	20	1	20	720	RECEPTACLES RM 2224	2
2	RECEPTACLES RM 2237	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 2211	2
2	RECEPTACLES RM 2237	720	20	1	23	C	24	1	20	900	RECEPTACLES RM 2212	2
2	RECEPTACLES RM 2236	720	20	1	25	A	26	1	20	360	RECEPTACLES RM 1212	2
2	RECEPTACLES RM 2236	900	20	1	27	B	28	1	20	900	RECEPTACLES RM 2213	2
2	RECEPTACLES RM 2236	1080	20	1	29	C	30	1	20	1080	RECEPTACLES RM 2214	2
2	RECEPTACLES RM 2235	540	20	1	31	A	32	1	20	900	RECEPTACLES RM 2214	2
2	RECEPTACLES RM 2233	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 2216	2
2	RECEPTACLES RM 2233	900	20	1	35	C	36	1	20	900	RECEPTACLES RM 2216	2
2	RECEPTACLES RM 2232	720	20	1	37	A	38	1	20	1000	FREEZER RM 2217	4
2	RECEPTACLES RM 2231	720	20	1	39	B	40	1	20	360	RECEPTACLES RM 2217	2
2	RECEPTACLES RM 2231	900	20	1	41	C	42	1	20	720	RECEPTACLES RM 2204	2
4	FRIDGE RM 2263	1000	20	1	43	A	44	1	20	900	RECEPTACLES RM 2204	2
4	MICROWAVE RM 1263	1000	20	1	45	B	46				SPACE	
4	HOT WATER DISPENSER RM 2263	1000	20	1	47	C	48	1	20	900	RECEPTACLES RM 2206	2
2	RECEPTACLES RM 2257	540	20	1	49	A	50	1	20	720	RECEPTACLES RM 2208	2
2	RECEPTACLES RM 2256	720	20	1	51	B	52	1	20	720	RECEPTACLES RM 2208	2
2	RECEPTACLES RM 2255	540	20	1	53	C	54	1	20	900	RECEPTACLES RM 2192	2
2	RECEPTACLES RM 2254	720	20	1	55	A	56	1	20	720	RECEPTACLES RM 2196	2
2	RECEPTACLES RM 2253	540	20	1	57	B	58	1	20	900	RECEPTACLES RM 2196	2
2	RECEPTACLES RM 2252	720	20	1	59	C	60	1	20	540	RECEPTACLES RM 2197	2
2	RECEPTACLES RM 2251	360	20	1	61	A	62	1	20	360	RECEPTACLES RM 2198	2
2	RECEPTACLES RM 2251	540	20	1	63	B	64	1	20	540	RECEPTACLES RM 2200	2
2	RECEPTACLES RM 2251	360	20	1	65	C	66	1	20	360	RECEPTACLES RM	2
1	OVERHEAD EXAM LIGHT RM 2236	300	20	1	67	A	68	1	20	900	RECEPTACLES RM 2194	2
	SPACE				69	B	70	1	20	1080	RECEPTACLES RM 2191	2
4	PATIENT WAITING ANNUNCIATOR	500	20	1	71	C	72	1	20	900	RECEPTACLES RM 202	2
	SECURITY PANEL	700	20	1	73	A	74	1	20	540	RECEPTACLES RM 2105	2
	SPACE				75	B	76	1	20	180	POWER DOOR	4
	SPACE				77	C	78	2	20	2000	COPIER	4
4	PANEL 2E2	2225	70	3	79	A	80				" "	
	" "				81	B	82	1	20	1080	COMM RM RECEPTACLES	2
	" "				83	C	84	1	20	1080	COMM RM RECEPTACLES	2

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.30	100%	0.30
2 RECEPTACLES	49.32	50% OVER 10 KVA	29.66
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	11.91	100%	11.91
5 MOTORS No Motors	0.00	100%	0.00
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	61.53	-	41.87
TOTAL AMPS	171	-	116
NEC 215.2 MINIMUM FEEDER RATING:			116

COMMENTS:

PANEL 3E — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 3RD FL EAST ELEC RM 3234 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 3264	720	20	1	1	A	2	1	20	540	RECEPTACLES RM 3219	2
2	RECEPTACLES RM 3265	720	20	1	3	B	4	1	20	900	RECEPTACLES RM 3219	2
2	RECEPTACLES RM 3266	720	20	1	5	C	6	1	20	1000	FRIDGE RM 3219	4
2	RECEPTACLES RM 3267	900	20	1	7	A	8	1	20	1000	PYXIS RM 3219	4
2	RECEPTACLES RM 3267	900	20	1	9	B	10	1	20	1000	FREEZER RM 3219	4
2	RECEPTACLES RM 3242	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 3222	2
2	RECEPTACLES RM 3241	900	20	1	13	A	14	1	20	900	RECEPTACLES RM 3223	2
2	RECEPTACLES RM 3240	900	20	1	15	B	16	1	20	900	RECEPTACLES RM 3223	2
2	RECEPTACLES RM 3240	900	20	1	17	C	18	1	20	900	RECEPTACLES RM 3224	2
2	RECEPTACLES RM 3238	900	20	1	19	A	20	1	20	720	RECEPTACLES RM 3224	2
2	RECEPTACLES RM 3237	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 3211	2
2	RECEPTACLES RM 3237	720	20	1	23	C	24	1	20	360	RECEPTACLES RM 3212	2
2	RECEPTACLES RM 3236	720	20	1	25	A	26				SPACE	2
2	RECEPTACLES RM 3236	900	20	1	27	B	28	1	20	540	RECEPTACLES RM 3213	2
2	RECEPTACLES RM 3236	1080	20	1	29	C	30	1	20	1080	RECEPTACLES RM 3214	2
2	RECEPTACLES RM 3235	540	20	1	31	A	32	1	20	900	RECEPTACLES RM 3214	2
2	RECEPTACLES RM 3233	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 3216	2
2	RECEPTACLES RM 3233	900	20	1	35	C	36	1	20	900	RECEPTACLES RM 3216	2
2	RECEPTACLES RM 3232	720	20	1	37	A	38	1	20	1000	FREEZER RM 3217	4
2	RECEPTACLES RM 3231	720	20	1	39	B	40	1	20	360	RECEPTACLES RM 3217	2
2	RECEPTACLES RM 3231	900	20	1	41	C	42	1	20	720	RECEPTACLES RM 3204	2
4	FRIDGE RM 3263	1000	20	1	43	A	44	1	20	900	RECEPTACLES RM 3204	2
4	MICROWAVE RM 3263	1000	20	1	45	B	46	1	20	540	RECEPTACLES RM 3268	2
4	HOT WATER DISPENSER RM 3263	1000	20	1	47	C	48	1	20	900	RECEPTACLES RM 3206	2
2	RECEPTACLES RM 3257	540	20	1	49	A	50	1	20	900	RECEPTACLES RM 3208	2
2	RECEPTACLES RM 3256	720	20	1	51	B	52	1	20	720	RECEPTACLES RM 3208	2
2	RECEPTACLES RM 3255	540	20	1	53	C	54	1	20	900	RECEPTACLES RM 3192	2
2	RECEPTACLES RM 3254	720	20	1	55	A	56	1	20	720	RECEPTACLES RM 3196	2
2	RECEPTACLES RM 3253	540	20	1	57	B	58	1	20	900	RECEPTACLES RM 3196	2
2	RECEPTACLES RM 3252	720	20	1	59	C	60	1	20	540	RECEPTACLES RM 3197	2
2	RECEPTACLES RM 3251	360	20	1	61	A	62	1	20	360	RECEPTACLES RM 3198	2
2	RECEPTACLES RM 3251	540	20	1	63	B	64	1	20	540	RECEPTACLES RM 3200	2
2	RECEPTACLES RM 3251	360	20	1	65	C	66	1	20	540	RECEPTACLES RM	2
1	OVERHEAD EXAM LIGHT RM 3236	300	20	1	67	A	68	1	20	900	RECEPTACLES RM 3194	2
	SPACE		20	1	69	B	70	1	20	1080	RECEPTACLES RM 3191	2
4	PATIENT WAITING ANNUNCIATOR	360	20	1	71	C	72	1	20	900	RECEPTACLES RM 302	2
2	RECEPTACLES RM 3310	180	20	1	73	A	74	1	20	540	RECEPTACLES RM 3105	2
5	EF-2 EXHAUST FAN	1127	20	1	75	B	76	1	20	500	P-TUBE DIVERTER	4
4	WON DOOR	500	20	1	77	C	78	2	20	2000	COPIER	4
4	PANEL 3E2	1000	70	3	79	A	80				" "	
	" "				81	B	82	1	20	720	ROOFTOP RECEPTACLES	2
	" "				83	C	84	1	20	360	ROOFTOP RECEPTACLES	2

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.30	100%	0.30
2 RECEPTACLES	48.06	50% OVER 10 KVA	29.03
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	11.36	100%	11.36
5 MOTORS No Motors	1.13	100%	1.13
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	60.85	-	41.82
TOTAL AMPS	169	-	116
NEC 215.2 MINIMUM FEEDER RATING:			116

COMMENTS:

PANEL 2W — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 2ND FL WEST ELEC RM 2164 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 2261	1260	20	1	1	A	2	1	20	720	RECEPTACLES RM 2148	2
2	RECEPTACLES RM 2262	1260	20	1	3	B	4	1	20	1000	FREEZER RM 2148	4
2	RECEPTACLES RM 3262	1260	20	1	5	C	6	1	20	1000	FRIDGE RM 2149	4
2	RECEPTACLES RM 2187	720	20	1	7	A	8	1	20	1000	PYXIS RM 2149	4
2	RECEPTACLES RM 2172	1080	20	1	9	B	10	1	20	1000	FREEZER RM 2149	4
2	RECEPTACLES RM 2172	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 2149	2
2	RECEPTACLES RM 2186	1080	20	1	13	A	14	1	20	1080	RECEPTACLES RM 2146	2
2	RECEPTACLES RM 2161	900	20	1	15	B	16	1	20	1080	RECEPTACLES RM 2146	2
2	RECEPTACLES RM 2171	900	20	1	17	C	18	1	20	720	RECEPTACLES RM 2149	2
2	RECEPTACLES RM 2162	900	20	1	19	A	20	1	20	900	RECEPTACLES RM 2145	2
2	RECEPTACLES RM 2163	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 2151	2
2	RECEPTACLES RM 2163	1080	20	1	23	C	24	1	20	900	RECEPTACLES RM 2151	2
2	RECEPTACLES RM 2170	900	20	1	25	A	26	1	20	900	RECEPTACLES RM 2144	2
2	RECEPTACLES RM 2170	720	20	1	27	B	28	1	20	540	RECEPTACLES RM 2143	2
2	RECEPTACLES RM 2164 & 2165	360	20	1	29	C	30	1	20	900	RECEPTACLES RM 2152	2
2	RECEPTACLES RM 2168	900	20	1	31	A	32	1	20	900	RECEPTACLES RM 2152	2
2	RECEPTACLES RM 2167	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 2153	2
2	RECEPTACLES RM 2167	1080	20	1	35	C	36	1	20	540	RECEPTACLES RM 2152,1153	2
2	RECEPTACLES RM 2166	1080	20	1	37	A	38	1	20	720	RECEPTACLES RM 2141	2
2	RECEPTACLES RM 2166	900	20	1	39	B	40	1	20	900	RECEPTACLES RM 2141	2
2	RECEPTACLES RM 21181	360	20	1	41	C	42				SPACE	2
4	RECEPTACLES RM 2181	540	20	1	43	A	44	1	20	1080	RECEPTACLES RM 2130	2
4	RECEPTACLES RM 2181	360	20	1	45	B	46	1	20	900	RECEPTACLES RM 2130	2
2	RECEPTACLES RM 2184	720	20	1	47	C	48	1	20	900	RECEPTACLES RM 2130	2
2	RECEPTACLES RM 2182	720	20	1	49	A	50	1	20	900	RECEPTACLES RM 2132	2
2	RECEPTACLES RM 2183	540	20	1	51	B	52	1	20	900	RECEPTACLES RM 2134	2
2	RECEPTACLES RM 2101	900	20	1	53	C	54	1	20	900	RECEPTACLES RM 2134	2
2	RECEPTACLES RM 2101	540	20	1	55	A	56	1	20	900	RECEPTACLES RM 2136	2
4	FRIDGE	1000	20	1	57	B	58	1	20	1080	RECEPTACLES RM 2136	2
4	MICROWAVE	1000	20	1	59	C	60	1	20	1080	RECEPTACLES RM 2126	2
4	RANGE	4000	40	2	61	A	62	1	20	1080	RECEPTACLES 2126	2
	" "				63	B	64	1	20	900	RECEPTACLES RM 2129	2
1	OVERHEAD EXAM LIGHT RM 2166	300	20	1	65	C	66	1	20	900	RECEPTACLES RM 2127	2
3	FACP SIGNAL EXPANDER RM 2164	200	20	1	67	A	68	1	20	720	RECEPTACLES RM 2124	2
	SPACE				69	B	70	1	20	900	RECEPTACLES RM 2125	2
	SPACE				71	C	72	1	20	1080	RECEPTACLES RM 2121	2
	SPACE				73	A	74	2	20	2000	COPIER RM 2125	4
	SPACE				75	B	76				" "	
	SPACE				77	C	78	1	20	360	PATIENT WAITING ANNUNCIATOR	4
4	PANEL 2W2	1000	70	3	79	A	80				SPACE	
	" "				81	B	82	1	20	300	OVERHEAD EXAM LIGHT RM 2146	1
	" "				83	C	84				SPACE	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.60	100%	0.60
2 RECEPTACLES	50.58	50% OVER 10 KVA	30.29
3 EQUIPMENT (CONTINUOUS)	0.20	100%	0.20
4 EQUIPMENT (NON-CONTINUOUS)	14.26	100%	14.26
5 MOTORS No Motors	0.00	100%	0.00
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	65.64	-	45.35
TOTAL AMPS	182	-	126
NEC 215.2 MINIMUM FEEDER RATING:			126

COMMENTS:
Circuit 2W:67 must be identified with a "FIRE ALARM CIRCUIT" label.

3

PANEL 3W — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE, NEMA 1
LOCATION 3RD FL WEST ELEC RM 3164 — 225 AMP BUS 225 AMP MAIN BKR — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 10,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
2	RECEPTACLES RM 3261	1260	20	1	1	A	2	1	20	720	RECEPTACLES RM 3148	2
2	RECEPTACLES RM 3262	1260	20	1	3	B	4	1	20	1000	FREEZER RM 3148	4
2	RECEPTACLES RM 3262	1260	20	1	5	C	6	1	20	1000	FRIDGE RM 3149	4
2	RECEPTACLES RM 3187	720	20	1	7	A	8	1	20	1000	PYXIS RM 3149	4
2	RECEPTACLES RM 3172	1080	20	1	9	B	10	1	20	1000	FREEZER RM 3149	4
2	RECEPTACLES RM 3172	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 3149	2
2	RECEPTACLES RM 3186	1080	20	1	13	A	14	1	20	1080	RECEPTACLES RM 3146	2
2	RECEPTACLES RM 3161	900	20	1	15	B	16	1	20	1080	RECEPTACLES RM 3146	2
2	RECEPTACLES RM 3171	900	20	1	17	C	18	1	20	720	RECEPTACLES RM 3149	2
2	RECEPTACLES RM 3162	900	20	1	19	A	20	1	20	900	RECEPTACLES RM 3145	2
2	RECEPTACLES RM 3163	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 3151	2
2	RECEPTACLES RM 3163	1080	20	1	23	C	24	1	20	900	RECEPTACLES RM 3151	2
2	RECEPTACLES RM 3170	900	20	1	25	A	26	1	20	900	RECEPTACLES RM 3144	2
2	RECEPTACLES RM 3170	720	20	1	27	B	28	1	20	540	RECEPTACLES RM 3143	2
2	RECEPTACLES RM 3164 & 3165	360	20	1	29	C	30	1	20	900	RECEPTACLES RM 3152	2
2	RECEPTACLES RM 3168	900	20	1	31	A	32	1	20	900	RECEPTACLES RM 3152	2
2	RECEPTACLES RM 3167	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 3153	2
2	RECEPTACLES RM 3167	1080	20	1	35	C	36	1	20	360	RECEPTACLES RM 3152,1153	2
2	RECEPTACLES RM 3166	1080	20	1	37	A	38	1	20	720	RECEPTACLES RM 3141	2
2	RECEPTACLES RM 3166	900	20	1	39	B	40	1	20	900	RECEPTACLES RM 3141	2
2	RECEPTACLES RM 31181	360	20	1	41	C	42				SPACE	2
4	RECEPTACLES RM 3181	540	20	1	43	A	44	1	20	1080	RECEPTACLES RM 3130	2
4	RECEPTACLES RM 3181	360	20	1	45	B	46	1	20	900	RECEPTACLES RM 3130	2
2	RECEPTACLES RM 3184	720	20	1	47	C	48	1	20	900	RECEPTACLES RM 3130	2
2	RECEPTACLES RM 3182	720	20	1	49	A	50	1	20	900	RECEPTACLES RM 3132	2
2	RECEPTACLES RM 3183	540	20	1	51	B	52	1	20	900	RECEPTACLES RM 3134	2
2	RECEPTACLES RM 3101	900	20	1	53	C	54	1	20	900	RECEPTACLES RM 3134	2
2	RECEPTACLES RM 3101	540	20	1	55	A	56	1	20	900	RECEPTACLES RM 3136	2
4	FRIDGE	1000	20	1	57	B	58	1	20	1080	RECEPTACLES RM 3136	2
4	MICROWAVE	1000	20	1	59	C	60	1	20	1080	RECEPTACLES RM 1126	2
4	RANGE	4000	40	2	61	A	62	1	20	1080	RECEPTACLES 3126	2
	" "				63	B	64	1	20	900	RECEPTACLES RM 3129	2
4	P-TUBE DIVERTER	500	20	1	65	C	66	1	20	900	RECEPTACLES RM 3127	2
1	OVERHEAD EXAM LIGHT RM 3166	300	20	1	67	A	68	1	20	720	RECEPTACLES RM 3124	2
3	FACP SIGNAL EXPANDER RM 3164	200	20	1	69	B	70	1	20	900	RECEPTACLES RM 3125	2
5	EF-1 EXHAUST FAN	1127	20	1	71	C	72	1	20	1080	RECEPTACLES RM 3121	2
5	EF-3 EXHAUST FAN	670	20	1	73	A	74	2	20	2000	COPIER RM 3125	4
	SPACE				75	B	76				" "	
4	OVERHEAD FIRE DOOR	500	20	1	77	C	78	1	20	360	PATIENT WAITING ANNUNCIATOR	4
4	PANEL 3W2	1000	70	3	79	A	80				SPACE	
	" "				81	B	82	1	20	300	OVERHEAD EXAM LIGHT RM 3146	1
	" "				83	C	84	1	20	720	ROOFTOP RECEPTACLES	2

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.60	100%	0.60
2 RECEPTACLES	51.12	50% OVER 10 KVA	30.56
3 EQUIPMENT (CONTINUOUS)	0.20	100%	0.20
4 EQUIPMENT (NON-CONTINUOUS)	15.26	100%	15.26
5 MOTORS No Motors	1.80	100%	1.80
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	68.98	-	48.42
TOTAL AMPS	191	-	134
NEC 215.2 MINIMUM FEEDER RATING:			135

COMMENTS:
Circuit 3W:69 must be identified with a "FIRE ALARM CIRCUIT" label.

PANEL 2W2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 2ND FL WEST ELEC RM 2164 — 100 AMP BUS — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 14,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	SMOKE DAMPERS	500	20	1	1	A	2				SPACE	
4	SMOKE DAMPERS	500	20	1	3	B	4				SPACE	
	SPACE				5	C	6				SPACE	
	SPACE				7	A	8				SPACE	
	" "				9	B	10				" "	
	" "				11	C	12				" "	
	" "				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.00	100%	0.00
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	1.00	100%	1.00
5 MOTORS No Motors	0.00	100%	0.00
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	1.00	-	1.00
TOTAL AMPS	3	-	3
NEC 215.2 MINIMUM FEEDER RATING:			3

COMMENTS:

PANEL 2E2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 2ND FL EAST ELEC RM 2234 — 100 AMP BUS — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 14,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	SMOKE DAMPERS	500	20	1	1	A	2	1	20	225	EF-4 COMM RM FAN	5
4	SMOKE DAMPERS	500	20	1	3	B	4	1	20	500	PAGING AMPLIFIERS	4
	SPACE				5	C	6	1	20	500	AREA OF REFUGE COMM SYSTEM	4
	SPACE				7	A	8				SPACE	
	" "				9	B	10				SPACE	
	" "				11	C	12				" "	
	" "				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.00	100%	0.00
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	2.00	100%	2.00
5 MOTORS Largest Motor 1/8 HP	0.23	100%	0.31
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	2.23	-	2.31
TOTAL AMPS	6	-	6
NEC 215.2 MINIMUM FEEDER RATING:			6

COMMENTS:

PANEL 3W2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 3RD FL WEST ELEC RM 3164 — 100 AMP BUS — GRND BUS:
SPECIAL — SHORT CKT: 14,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	SMOKE DAMPERS	500	20	1	1	A	2				SPACE	
4	SMOKE DAMPERS	500	20	1	3	B	4				SPACE	
	SPACE				5	C	6				SPACE	
	SPACE				7	A	8				SPACE	
	" "				9	B	10				" "	
	" "				11	C	12				" "	
	" "				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.00	100%	0.00
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	1.00	100%	1.00
5 MOTORS No Motors	0.00	100%	0.00
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	1.00	-	1.00
TOTAL AMPS	3	-	3
NEC 215.2 MINIMUM FEEDER RATING:			3

COMMENTS:

3

PANEL 3E2 — 120/208V 3 PHASE, 4 WIRE — MOUNTING: SURFACE
LOCATION 3RD FL EAST ELEC RM 3234 — 100 AMP BUS — GRND BUS: EQUIPMENT
SPECIAL — SHORT CKT: 14,000 RMS SYM AMPS

CT	CIRCUIT DESCRIPTION	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA		CT
4	SMOKE DAMPERS	500	20	1	1	A	2	1	20	200	A/V SYSTEM	
4	SMOKE DAMPERS	500	20	1	3	B	4	1	20	360	MOTORIZED SHADES	
	SPACE				5	C	6	1	20	180	BOARD ROOM TABLE	
	SPACE				7	A	8	1	20	720	BOARD ROOM	
	" "				9	B	10				" "	
	" "				11	C	12				" "	
	" "				13	A	14				" "	
	" "				15	B	16				" "	
	" "				17	C	18				" "	
	" "				19	A	20				" "	
	" "				21	B	22				" "	
	" "				23	C	24				" "	
	" "				25	A	26				" "	
	" "				27	B	28				" "	
	" "				29	C	30				" "	

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)
1 LIGHTING	0.00	100%	0.00
2 RECEPTACLES	0.00	50% OVER 10 KVA	0.00
3 EQUIPMENT (CONTINUOUS)	0.00	100%	0.00
4 EQUIPMENT (NON-CONTINUOUS)	1.00	100%	1.00
5 MOTORS No Motors	0.00	100%	0.00
6 NOT USED	0.00	0%	0.00
7 NOT USED	0.00	100%	0.00
TOTAL KVA	1.00	-	1.00
TOTAL AMPS	3	-	3
NEC 215.2 MINIMUM FEEDER RATING:			3

COMMENTS:

STATE OF ALASKA 49TH
TOM E. LOONEY
Apr 18, 2008
EE 9369
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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

REVISIONS
1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS

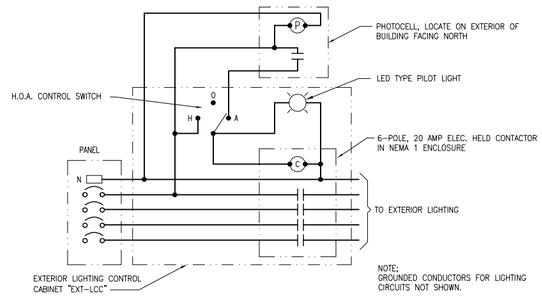
JOB NO. 100179_00
DATE 03-17-2008
DRAWN ALM
REVIEWED TEL

CONFORMED DRAWINGS

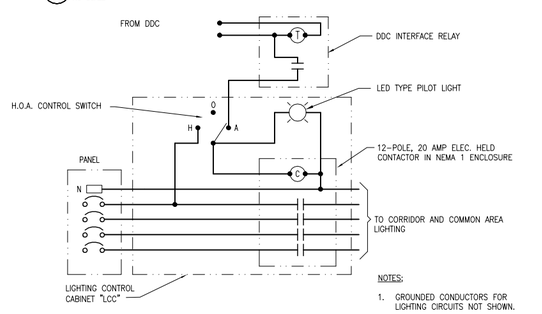
PANEL SCHEDULES

SHEET NO.
E0.14

E0.14 PANEL SCHEDULES.DWG



1 EXTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE



2 INTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE

LIGHT FIXTURE SCHEDULE

FIXTURE I.D.	DESCRIPTION & FINISH	VOLTAGE & FIXTURE VA	LAMPS & BALLAST	MOUNTING AND REMARKS MANUFACTURE/CATALOG NO.
FCA	CEILING RECESS MOUNTED SPECIFICATION GRADE PREMIUM VOLUMETRIC TROFFER. 24"W x 48"L x 3.125"D WITH WHITE FLUSH DOOR FRAME. ACRYLIC PRISMATIC REFRACTOR WITH POLYMER LIGHT DIFFUSING FILM. TWO 28W T5 LAMPS. BI-LEVEL SWITCHING.	277 58	(2) FP28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2RT5-28T5-MVOLT-GEB95S-LPM835P OR APPROVED EQUAL.
FCB	CEILING RECESS MOUNTED SPECIFICATION GRADE PREMIUM VOLUMETRIC TROFFER. 24"W x 48"L x 3.125"D WITH WHITE FLUSH DOOR FRAME. ACRYLIC PRISMATIC REFRACTOR WITH POLYMER LIGHT DIFFUSING FILM. TWO 28W T5 LAMPS.	277 58	(2) FP28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2RT5-28T5-MVOLT-GEB95-LPM835P OR APPROVED EQUAL.
FCC	CEILING RECESS MOUNTED SPECIFICATION GRADE PREMIUM STATIC TROFFER. 24"W x 48"L x 3.5"D WITH WHITE FLUSH DOOR FRAME. 100% UV STABILIZED ACRYLIC LENS, 1/8" THICK.	277 88	(3) F32T8/3500K/85CRI 2850 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2GT8-3-32-A12125-MVOLT-GEB10RS OR APPROVED EQUAL.
FCD	LOW PROFILE, WIDE BODY SURFACE MOUNTED WRAPAROUND FLUORESCENT FIXTURE WITH TWO LAMPS.	277 57	(2) F32T8/3500K/85CRI 2850 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. LB-2-32-MVOLT-GEB10RS, OR APPROVED EQUAL.
FCE	24" LONG SURFACE MOUNTED FLUORESCENT WALL BRACKET LIGHT FIXTURE WITH UP/DOWN LIGHT DISTRIBUTION. WHITE EXTRUDED ACRYLIC LENS WITH FLAT ALUMINUM ENDPLATES. FIXTURE MOUNTED ABOVE BATHROOM MIRROR.	277 19	(1) F17T8/3500K/85CRI 1280 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PRUDENTIAL NO. S1-1T8-02'-TMW-277-SUR-RSE OR APPROVED EQUAL.
FCF	ENCLOSED AND GASKETED, WET LOCATION RATED INDUSTRIAL FLUORESCENT FIXTURE WITH HIGH IMPACT RESISTANT ACRYLIC DIFFUSER. STAINLESS STEEL LATCHES.	277 57	(2) F32T8/3500K/85 CRI 2850 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. DMW-2-32-277-GEB10RS-STSL OR APPROVED EQUAL.
FCG	SURFACE MOUNTED FLUORESCENT FIXTURE WITH DROP BASKET DIFFUSER. TWO T8 LAMPS.	277 57	(2) F32T8/3500K/85CRI 2850 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. AVSM-2-32-MDR-DLS-MVOLT-GEB10RS, OR APPROVED EQUAL.
FCH	WALL SURFACE MOUNTED FLUORESCENT FIXTURE WITH PERFORATED FACIA AND UP/DOWN LIGHT DISTRIBUTION. PROVIDE WITH EMERGENCY BALLAST.	277 59	(1) 54WT5HO/3500K/85CRI 5000 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PRUDENTIAL NO. WAL14-P-115HO-04'-TMW-SC-277 -WM-EMH OR APPROVED EQUAL. MOUNTED AT 96" AFF
XCA	VANDAL RESISTANT, UNIVERSAL MOUNT LED EXIT SIGN WITH BATTERY BACKUP. POLYCARBONITE HOUSING, UNIVERSAL ARROWS AND GREEN LETTERS. ALL ELECTRONICS SHALL BE ENCLOSED WITHIN HOUSING. PROVIDE WITH NICKEL CADIUM BATTERY BACKUP.	277 2		LITHONIA NO. LQM-S-W-3-G-120/277-EL-N
XCB	WALL MOUNTED BATTERY OPERATED EMERGENCY LIGHTING FIXTURE WITH WHITE THERMOPLASTIC HOUSING, WITH TIME DELAY OPTION, SEALED LEAD CALCIUM BATTERY. UNIT CAPABLE OF POWERING REMOTE HEAD FIXTURES.	277 54	12 VOLT, 12W	LITHONIA NO. ELM1254-H1212-TD OR APPROVED EQUAL.
XCC	WALL OR CEILING MOUNTED REMOTE EMERGENCY LIGHTING FIXTURE HEAD. FULLY ADJUSTABLE HEAD WITH UNIVERSAL MOUNTING PLATE. UL LISTED WET LOCATION. PROVIDE WITH WIREGUARD.	12 VOLT AC/DC REMOTE HEAD ONLY	12 VOLT, 12W	LITHONIA NO. ELA-W-NX-H1212 WITH WIREGUARD OR APPROVED EQUAL.
XCE	WALL MOUNTED, LOW PROFILE, ARCHITECTURAL GRADE DIE CAST ALUMINUM BATTERY OPERATED EMERGENCY LIGHTING UNIT. WEDGE SHAPED ALUMINUM HOUSING, LEAD CALCIUM BATTERY.	277 12		LITHONIA NO. AFN-W-TD OR APPROVED EQUAL.
HCA	WALL MOUNTED, ARCHITECTURAL GRADE DIE CAST ALUMINUM METAL HALIDE EXTERIOR FIXTURE. WEDGE SHAPED ALUMINUM HOUSING. PROVIDE WITH INTEGRAL 35W EMERGENCY LIGHT AND WIRE TO CLOSEST EMERGENCY LIGHT CIRCUIT.	277 216	(1) 150W PSMH CLEAR HPF-CW, FUSED	LITHONIA NO. WST-150M-MOD-TB-DC12 OR APPROVED EQUAL.
LOA	OWNER FURNISHED, CONTRACTOR INSTALLED, CEILING ARM MOUNTED EXAMINATION LIGHT.	120		OWNER FURNISHED, CONTRACTOR INSTALLED
ANA	RECESSED VERTICAL INCANDESCENT DOWNLIGHT WITH 4" NOMINAL APERATURE. CLEAR MATTE DIFFUSE REFLECTOR AND TRIM AND MEDIUM BASE PORCELAIN SOCKET. FIXTURE TO BE DIMMABLE.	120 100	(1) 100W BT15-1F MED	LITHONIA NO. A-4AR-LD OR APPROVED EQUAL COORDINATE WITH BOARDROOM CEILING.
ANB	RECESSED VERTICAL INCANDESCENT LENSED WALL WASH WITH 6" NOMINAL APERATURE. CLEAR MATTE DIFFUSE REFLECTOR AND ANGLED LINEAR SPREAD LENS TRIM AND MEDIUM BASE PORCELAIN SOCKET. FIXTURE TO BE DIMMABLE.	120 75	(1) 75W PAR30LN WFL	LITHONIA NO. DLW-6AR-LD OR APPROVED EQUAL. COORDINATE WITH BOARDROOM CEILING.
ANC	RECESSED INCANDESCENT ADJUSTABLE ACCENT FIXTURE WITH 6" NOMINAL APERATURE. CLEAR MATTE DIFFUSE REFLECTOR AND TRIM CUT FOR 0-15° ADJUSTABILITY, TOOLESS 360° LAMP AIMING WITH LOCKING MECHANISM, HOT LAMP FOCUS ABILITY AND MEDIUM BASE PORCELAIN SOCKET. FIXTURE TO BE DIMMABLE.	120 75	(1) 75W PAR30LN WFL	LITHONIA NO. DP-PAR30L-38-6-AC-T0Q-LD OR APPROVED EQUAL. COORDINATE WITH BOARDROOM CEILING.

LIGHT FIXTURE SCHEDULE

FIXTURE I.D.	DESCRIPTION & FINISH	VOLTAGE & FIXTURE VA	LAMPS & BALLAST	MOUNTING AND REMARKS MANUFACTURE/CATALOG NO.
CNA	CEILING RECESSED MOUNTED 6" ROUND REFLECTOR COMPACT FLUORESCENT DOWNLIGHT, SELF-FLANGED, SPECULAR LOW IRIDESCENT REFLECTOR. OPTIMAL BRIGHTNESS CONTROL, LAMP IS VISIBLE BEFORE LAMP IMAGE. CLEAR REFLECTOR WITH MATTE DIFFUSE FINISH. LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TRT/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, LESS THAN 10% THD, CLASS "A" SOUND RATED,	LITHONIA NO. AFV-1/32TRT-6AR-LD-MVOLT-WLP OR APPROVED EQUAL.
CNB	CEILING RECESSED MOUNTED 6" ROUND REFLECTOR WITH GLASS LENS, COMPACT FLUORESCENT DOWNLIGHT. SELF-FLANGED, SPECULAR LOW IRIDESCENT REFLECTOR, OPTIMAL BRIGHTNESS CONTROL, LAMP IS VISIBLE BEFORE LAMP IMAGE. CLEAR REFLECTOR WITH MATTE DIFFUSE FINISH. LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TRT/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, LESS THAN 10% THD, CLASS "A" SOUND RATED,	LITHONIA NO. AFV-1/32TRT-6AR-LD-MVOLT-CGL-WLP OR APPROVED EQUAL.
CNC	CEILING RECESSED MOUNTED 6" ROUND COMPACT FLUORESCENT WALL WASH. SELF-FLANGED, SPECULAR LOW IRIDESCENT REFLECTOR, ANGLED LINEAR REGRESSED SPREAD LENS. CLEAR REFLECTOR WITH MATTE DIFFUSE FINISH. LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TRT/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, LESS THAN 10% THD, CLASS "A" SOUND RATED,	LITHONIA NO. DLWF-1/32TRT-6AR-LD-MVOLT-WLP OR APPROVED EQUAL.
CNE	CEILING RECESSED MOUNTED 4.5" SQUARE COMPACT FLUORESCENT WALL WASH. SELF-FLANGED, SOFT GLOW CLEAR ANODIZED REFLECTOR AND TRIM. SPECULAR CLEAR UPPER REFLECTOR. LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TRT/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, LESS THAN 10% THD, CLASS "A" SOUND RATED,	KURT VERSEN NO. H8432 OR APPROVED EQUAL.
FNA	WALL MOUNTED LINEAR FLUORESCENT UPLIGHT FIXTURE WITH CONTINUOUS ROW MOUNTING; NOMINAL 4"X3" SINGLE LAMP PROFILE HOUSING, MATTE WHITE PAINTED EXTRUDED ALUMINUM POWDER COAT FINISH, INTERNAL ASYMMETRIC ALUMINUM REFLECTOR WITH TOP CLEAR ACRYLIC DUST COVER LENS. DIE CAST ENDCAPS TO MATCH PROFILE OF FIXTURE HOUSING.	277 35	(1) F28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PAL LIGHTING PALADIA SERIES PPRD01-XX-W-F01M-277-T5-DC OR APPROVED EQUAL. FIXTURE LENGTHS TO BE LONGEST RUN POSSIBLE TO FIT LOCATIONS SHOWN IN ARCHITECTURAL ELEVATIONS.
FNB	WALL MOUNTED LINEAR FLUORESCENT UPLIGHT FIXTURE WITH CONTINUOUS ROW MOUNTING; NOMINAL 4"X3" SINGLE LAMP PROFILE HOUSING, MATTE WHITE PAINTED EXTRUDED ALUMINUM POWDER COAT FINISH, INTERNAL ASYMMETRIC ALUMINUM REFLECTOR WITH TOP CLEAR ACRYLIC DUST COVER LENS. DIE CAST ENDCAPS TO MATCH PROFILE OF FIXTURE HOUSING.	277 35	(1) F28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PAL LIGHTING PALADIA SERIES PPRD01-8-W-F01M-277-T5-DC OR APPROVED EQUAL. FIXTURE TO BE MOUNTED AT HEIGHTS SHOWN IN INTERIOR ARCHITECTURAL ELEVATIONS.
FNC	AIRCRAFT CABLE SUSPENSION MOUNTED INDIRECT/DIRECT FLUORESCENT LIGHT FIXTURE. 3"X9" CURVED BODY SHAPE. RADIAL PARABOLIC LOW-IRIDESCENT SEMI-SPECULAR ALUMINUM 1.4" TALL LOUVERS. 20% UPLIGHT AND 80% DOWNLIGHT. WHITE COLOR. DUAL CIRCUIT WIRING FOR MULTI-LEVEL SWITCHING.	277 57	(2) F32T8/3500K/85CRI 2850 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED CONSTANT WATTAGE.	FOCAL POINT VERVE III SERIES FVSS-DR2-2TB-2C-277-2C S-C48 OR APPROVED EQUAL. PROVIDE ONE-PIECE FIXTURE SECTIONS IN LENGTHS AS SHOWN ON PLANS. SUSPENSION LENGTHS VARY. SUSPEND AT 96" AFF.
FND	COVE MOUNTED LINEAR FLUORESCENT ASYMMETRIC UPLIGHT WITH NOMINAL 3"X6" DEEP HOUSING, FIELD ADJUSTABLE SPECULAR ALUMINUM REFLECTOR ABLE TO PROVIDE 105 DEGREES LIGHT DISTRIBUTION ANGLE. FIXTURE TO BE THROUGH WIRING CAPABLE.	277 35	(1) F28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PINNACLE LIGHTING NO. C105-1T5-XX-277-N OR APPROVED EQUAL. COORDINATE FIXTURE LENGTHS TO LONGEST RUN POSSIBLE FOR EACH COVE APPLICATION.
FND-D	SAME AS FIXTURE TYPE FND EXCEPT WITH A LUTRON HI-LUME 10% DIMMING BALLAST.	277 35	(1) F28T5/3500K/85 CRI 2730 INITIAL LUMENS HI-LUME 10% BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PINNACLE LIGHTING NO. C105-1T5-XX-277-N-LUTRON OR APPROVED EQUAL. COORDINATE FIXTURE LENGTHS TO LONGEST RUN POSSIBLE FOR EACH COVE APPLICATION.
FNE	RECESS MOUNTED FLUORESCENT 48" SQUARE COVE FIXTURE WITH NOMINAL 9" DEEP HOUSING DEPTH, 20 GAUGE STEEL REFLECTOR AND HOUSING, FOUR PIECE 22 GAUGE STEEL PERFORATED LAMP SHIELDING WITH CORNER CASTINGS, FOUR 28 WATT T5 LAMPS.	277 124	(4) F28T5/3500K/85 CRI 2730 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	FOCAL POINT NO. FSK-448-475-S-277-G-PS-L835-WH OR APPROVED EQUAL.
FNF	WALL MOUNTED DAMP LOCATION LINEAR FLUORESCENT VANITY LIGHT. NOMINAL 24"X4"X3" DEEP ALUMINUM BODY AND STEEL END CAPS. END CAPS IN SATIN NICKEL FINISH AND DIFFUSER TO BE EXTRUDED MATTE WHITE ACRYLIC.	277 34	(2) F21T5/3500K/85 CRI 1350 INITIAL LUMENS HPF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	SHAPER LIGHTING NO. 600-24-T5/2/14-277-SN-DL OR APPROVED EQUAL. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.
FNH	RECESS PERIMETER FLUORESCENT WALL SLOT FIXTURE. MOUNTS TO FIXTURE SUPPORT RAIL. PROVIDE CONTINUOUS LENGTH FIXTURE. FIXTURE INSTALLS BEFORE CEILING, COORDINATE WITH CEILING INSTALL.	277 35	(6) F28T5/3500K/85CR1 2730 INITIAL LUMENS HPF PRS, ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT VOLTAGE	LITECONTROL NO. 20-1-4-T5-CWM-ELB-277, OR APPROVED EQUAL.
FNJ	SURFACE MOUNTED FLUORESCENT UNDERCABINET FIXTURE TO BE THROUGH WIRING CAPABLE 46 INCHES LONG BY 5 INCHES WIDE BY 1INCH HIGH.	277 35	(1) F28T5/3500K/85 CRI 3500K/85 CRI ELECTRONIC BALLAST, CLASS "A" CLASS "A" SOUND RATED,	ALKO NO. HP128 SERIES, DAY-BRITE 5UC SERIES OR APPROVED EQUAL.
HNA	CEILING RECESSED MOUNTED 6" ROUND METAL HALIDE ADJUSTABLE FIXTURE. SELF-FLANGED, CLEAR MATTE DIFFUSE REFLECTOR AND TRIM, ANGLED LINEAR SPREAD LENS AND INTERIOR REFLECTOR ASSEMBLY, 360° OPTICAL ASSEMBLY ROTATION.	277 44	(1) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LITHONIA NO. DLWTH-T6-39MHC-6AR-LD-277 OR APPROVED EQUAL.
HNB	IN FLOOR RECESSED ADJUSTABLE CERAMIC METAL HALIDE NARROW ALL WASHER WITH NOMINAL 11.75" DIAM. COLLAR X 15.5" SLEEVE HOUSING DEPTH. PVC ROUGH IN, LOW HEAT WALK OVER (BELOW 55° C) LOW COPPER ANODIZED BLACK ALUMINUM FIXTURE HOUSING, 25° LOCKABLE AIMING ADJUSTMENT FOR 15° SPECULAR INTERNAL REFLECTOR OPTIC, STAINLESS STEEL SCREWS, INTEGRAL DOUBLE LENS, LINEAR SPREAD ACCESSORY LENS AND INTEGRAL ELECTRONIC BALLAST.	277 84	(1) CMH70W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST,	EXTERIEUR VERT NO. CT-T6-015-070-7-1-2-3-Q WITH IC-P2QD-EV-JB2A-3/4-IC-CCTRB AND LSP185-LMH703 OR APPROVED EQUAL.
HNC	CEILING RECESSED MOUNTED 4" ROUND METAL HALIDE DOWNLIGHT FIXTURE. SELF-FLANGED, CLEAR MATTE DIFFUSE REFLECTOR AND TRIM, CLEAR LENS, MEDIUM BEAM 39° OPTICAL DISTRIBUTION UPPER REFLECTOR AND INTEGRAL ELECTRONIC BALLAST..	277 44	(1) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LITHONIA NO. ATH-T6-39MHC-6AR-M-LD-277 OR APPROVED EQUAL.
HND	COLUMN MOUNTED 7" DIA. ROUND BY 13" TALL CERAMIC METAL HALIDE DOWNLIGHT CYLINDER WITH 50° DISTRIBUTION. EXTRUDED ALUMINUM CYLINDER BODY WITH DIE CAST ALUMINUM MOUNTING ARM. OPTICAL DISTRIBUTION TO BE ACCOMPLISHED WITH A ANODIZED ALUMINUM REFLECTOR CAPABLE OF A MIN. OF 30° ADJUSTMENT. BLACK POWDER COAT FINISH. PROVIDE WITH ELECTRONIC BALLAST, HEX CELL LOUVER, SOFT FOCUS SPREAD LENS, LINEAR SPREAD LENS.	277 44	(1) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LUMENTON NO.W1D271-MHC39-277-BK WITH KT0020-E OR APPROVED EQUAL.
HNE	COLUMN MOUNTED 7" DIA. ROUND BY 22" TALL CERAMIC METAL HALIDE UPLIGHT/DOWNLIGHT CYLINDER WITH 50° DISTRIBUTION. EXTRUDED ALUMINUM CYLINDER BODY WITH DIE CAST ALUMINUM MOUNTING ARM. OPTICAL DISTRIBUTION TO BE ACCOMPLISHED WITH ANODIZED ALUMINUM REFLECTORS CAPABLE OF 30° ADJUSTMENT. BLACK POWDER COAT FINISH. PROVIDE WITH INTEGRAL ELECTRONIC BALLAST, HEX CELL LOUVER, SOFT FOCUS LENS AND LINEAR SPREAD LENS.	277 88	(2) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LUMENTON NO. W2D271-MHC239-277-BK WITH KT0021-EE OR APPROVED EQUAL.
HNF	COLUMN MOUNTED 7" DIA. ROUND BY 22" TALL CERAMIC METAL HALIDE UPLIGHT/DOWNLIGHT CYLINDER WITH 50° DISTRIBUTION. EXTRUDED ALUMINUM CYLINDER BODY WITH DIE CAST ALUMINUM MOUNTING ARM. OPTICAL DISTRIBUTION TO BE ACCOMPLISHED WITH ANODIZED ALUMINUM REFLECTORS CAPABLE OF 30° ADJUSTMENT. BLACK POWDER COAT FINISH. PROVIDE WITH INTEGRAL ELECTRONIC BALLAST, HEX CELL LOUVER, SOFT FOCUS LENS AND LINEAR SPREAD LENS.	277 128	(1) CMH39W G12 T6/3000K (UP) 3400 INITIAL LUMENS (1) CMH70W G12 T6/3000K (DN) 6200 INITIAL LUMENS ELECTRONIC BALLAST,	LUMENTON NO. W2D271-MHC239-MHC270-277-BK WITH KT0021-EE OR APPROVED EQUAL.
HNH	EXTERIOR COLUMN STEM MOUNTED METAL HALIDE ADJUSTABLE ACCENT LIGHT WITH 11" LONG 2-3/4"DIA. DOUBLE ANODIZED HOUSING MACHINED FROM ANTI-CORROSION SILICONE MAGNESIUM ALUMINUM ALLOY. PROVIDE WITH STAINLESS STEEL HARDWARE AND THREE DISTRIBUTION REFLECTORS (NARROW,MEDIUM AND WIDE). PROVIDE WITH INTEGRAL ELECTRONIC BALLAST AND GLARE SHIELD. FIXTURE SHALL BE FULLY GASKETED FOR WET LOCATION OPERATION.	277 84	(1) CMH70W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST,	HK LIGHTING NO. 2X20I-T670W-277V-BK OR APPROVED EQUAL. REFER TO ARCH. ELEVATIONS AND EXTERIOR COLUMN MOUNTING DETAILS.
HNJ	CEILING RECESSED MOUNTED 6" ROUND METAL HALIDE ADJUSTABLE ACCENT FIXTURE. 40° VERTICAL AND 360° HORIZONTAL TOOL-LESS LOCKABLE ADJUSTABLE AIMING, T6 STYLE LAMP WITH MEDIUM BEAM SPREAD OPTICAL REFLECTOR, PROVIDE WITH OMNI DIRECTIONAL SPREAD LENS, SOFTENING LENS AND ELONGATING LENS (TO BE FIELD SELECTED PER AIMING REQUIREMENTS). INTEGRAL ELECTRONIC BALLAST. HOUSING ACCESSIBLE FOR MAINTENANCE FROM BELOW THE CEILING.	277 44	(1) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LITHONIA NO. DTH-T6-39MHC-6AC-T30-M-277 AND F700-SL, F700-EC, F700-SFG LENS OR APPROVED EQUAL.
HNK	CEILING RECESSED MOUNTED 6" ROUND METAL HALIDE DOWNLIGHT FIXTURE. SELF-FLANGED, CLEAR MATTE DIFFUSE REFLECTOR AND TRIM, CLEAR LENS, WIDE BEAM 67° OPTICAL DISTRIBUTION UPPER REFLECTOR AND INTEGRAL ELECTRONIC BALLAST.	277 44	(1) CMH39W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST,	LITHONIA NO. ATH-T6-39MHC-6AR-W-LD-277 OR APPROVED EQUAL.
HNL	GROUND SURFACE MOUNTED ADJUSTABLE WIDE BEAM CERAMIC METAL HALIDE UPLIGHT FIXTURE WITH NOMINAL 7" SQUARE X 13" TALL HEAVY DUTY 360 DIE CAST ALUMINUM HOUSING, SEMI-GLOSS STANDARD BLACK FINISH, DIE CAST GULLY GASKETED LOCKING KNUCKLE WITH INTERNAL LOCKING TEETH, 90°X320° ROTATION, SINGLE PIECE HINGED DOOR FRAME WITH SINGLE PIECE RUBBER GASKET, 3/16" THICK CLEAR TEMPERED GLASS, SPECULAR ANODIZED ALUMINUM REFLECTOR FOR NARROW "VERTICAL OFFSET" LIGHT DISTRIBUTION, CONDUIT FEED THRU MOUNTING HARDWARE, INTEGRAL ELECTRONIC BALLAST.	277 84	(1) CMH70W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST,	INSIGHT MASQUE II NO. MQ2-70CMH1-VO-SM-2-TBL OR APPROVED EQUAL. COORDINATE FIXTURE MOUNTING WITH GROUND LOCATION TO THE NORTH OF THE GARAGE VESTIBULE.
HNM	PEDESTRIAN POLE MOUNTED FIXTURE ON 12' POLE, NOMINAL 23.5" DIAMETER X23.9" HEIGHT ON 3" DIAMETER ROUND ALUMINUM POLE. CAST ALUMINUM A356 ALLOY FIXTURE HOUSING, CONCEALED LAMP BEHIND INTERNAL FROSTED OPTICAL CHAMBER AND ACRYLIC LENS, ANGLED COPPER SPUN SHADE, UPPER LENS SHIELD FOR FULL CUTOFF.	277 84	(1) CMH70W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST,	ARCHITECTURAL AREA LIGHTING SPECTRA NO. SP2-ANG-LDL-70MHT6-XXX-COP-3P12-XXX OR APPROVED EQUAL.
LNA	SURFACE MOUNTED LED NARROW BEAM GRAZING FIXTURE WITH EXTRUDED ALUMINUM POWDER COAT FINISH, CLEAR POLYCARBONATE LENS, 25° SYMMETRIC BEAM DISTRIBUTION, 24V REMOTE POWER SUPPLY.	277 14	LED SOURCE 3000° K COLOR TEMP 24V REMOTE POWER SUPPLY	EXTERIEUR VERT NO. ML6-41-0-1-XX-25R-1-4 OR APPROVED EQUAL. PROVIDE LENGTHS AS REQUIRED TO FIT IN ARCHL OR SIGNAGE LOCATIONS AS SHOWN ON PLANS.

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REVISIONS
1 03-28-2008 RE: ASI-003
2 04-17-2008 CORRECTIONS PER MOA COMMENTS
3 04-17-2008 COORDINATION CORRECTIONS

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CONFORMED DRAWINGS

LIGHT FIXTURE SCHEDULE

SHEET NO.
E2.10
E2.10 LIGHT FIXTURE SCHEDULE.DWG

GENERAL NOTES

1. SEE LIGHT FIXTURE SPECIFICATION SECTION 26 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
2. ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
4. SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
5. ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.
6. SIGNAGE ELEMENTS WITH INTERNAL LIGHTING REQUIRE FURTHER COORDINATION WITH ENVIRONMENTAL GRAPHIC DESIGN ELEMENTS.
7. ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
8. PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
9. LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

FLAG NOTES

1. TYPE FNA AND FNB FIXTURES TO BE WALL-MOUNTED. SEE ARCHITECTURAL A8.13 WALL ELEVATIONS AND DETAILS FOR FIXTURE LOCATIONS AND MOUNTING.
2. TYPE FNC TO BE PENDANT MOUNTED WITH BOTTOM OF FIXTURE AT 8'-0" AFF.
3. TYPE LNA TO BE INTEGRATED WITH GLASS/ RESIN/ SIGNAGE FEATURE ELEMENT. SEE INTERIOR AND GRAPHIC DETAILS FOR FIXTURE MOUNTING, SIZE AND LOCATION.
4. TYPE FND LOCATED ABOVE WALL IN COVE LOCATION TO UPLIGHT SLOPED LOBBY CEILING. PROVIDE FIXTURE LENGTHS TO FIT ARCHITECTURAL DETAILS.
5. LIGHT FIXTURES MOUNTED TO COLUMNS. SEE ARCHITECTURAL ELEVATIONS AND DETAILS FOR FIXTURE MOUNTING INFORMATION.
6. TYPE HNJ FIXTURES TO BE AIMED AT EITHER SEATING OR SIGNAGE BELOW.
7. TWO TYPE HNH FIXTURES MOUNTED TO VERTICAL SUPPORT COLUMN. SEE ARCHITECTURAL COLUMN DETAILS FOR FIXTURE MOUNTING INFORMATION.
8. WALL SLOT FLUORESCENT FIXTURE, COORDINATE WITH CEILING INSTALLATION.
9. PROVIDE LOW VOLTAGE SWITCH TO DDC SYSTEM FOR OVERRIDE "ON" CONTROL OF INTERIOR LIGHTING LCC.
10. ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTROL CONTACTOR, REFER TO 1/E2.10 AND 2/E2.25 FOR DETAIL.
11. HNB FIXTURES LOCATED IN FLOOR. REFER TO ARCHITECTURAL SHEET A2.31 FOR DETAIL.
12. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
13. COORDINATE WITH MECHANICAL DRAWINGS TO ENSURE THAT DUCTWORK,WATER,PLUMBING,ETC., IS A MINIMUM 12" IN ALL DIRECTIONS FROM EXAM LIGHT LOCATION.

FIELD COORDINATE FIXTURE LOCATIONS WITH MECH. EQUIP.

PROVIDE EMERGENCY BALLAST IN EVERY 4TH TYPE FND COVE FIXTURE

FIXTURES RECESS MOUNTED TO UNDERSIDE OF BRIDGE, TYP

MOUNTED UNDER LANDING

1 LIGHTING – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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4. SHEET REISSUED 5-20-08

SHEET REISSUED FOR CONFORMED SET 05-20-2008

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LIGHTING
FLOOR PLAN
LEVEL 1

SHEET NO.
E2.11

E2.11 LIGHTING FLOOR 1.DWG

GENERAL NOTES

1. SEE LIGHT FIXTURE SPECIFICATION SECTION 26 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
2. ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
4. SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
5. ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.
6. SIGNAGE ELEMENTS WITH INTERNAL LIGHTING REQUIRE FURTHER COORDINATION WITH ENVIRONMENTAL GRAPHIC DESIGN ELEMENTS.
7. ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
8. PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
9. LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

FLAG NOTES

1. TYPE FNA AND FNB FIXTURES TO BE WALL-MOUNTED. SEE ARCHITECTURAL WALL ELEVATIONS AND DETAILS FOR FIXTURE LOCATIONS AND MOUNTING.
2. TYPE FNC TO BE PENDANT MOUNTED WITH BOTTOM OF FIXTURE AT 8'-0" AFF.
3. TYPE LNA TO BE INTEGRATED WITH GLASS/ RESIN/ SIGNAGE FEATURE ELEMENT. SEE INTERIOR AND GRAPHIC DETAILS FOR FIXTURE MOUNTING, SIZE AND LOCATION.
4. TYPE FND LOCATED ABOVE WALL IN COVE LOCATION TO UPLIGHT SLOPED LOBBY CEILING. PROVIDE FIXTURE LENGTHS TO FIT ARCHITECTURAL DETAILS.
5. LIGHT FIXTURES MOUNTED TO COLUMNS. SEE ARCHITECTURAL ELEVATIONS AND DETAILS FOR FIXTURE MOUNTING INFORMATION.
6. TYPE HNJ FIXTURES TO BE AIMED AT EITHER SEATING OR SIGNAGE BELOW.
7. PROVIDE LOW VOLTAGE SWITCH TO DDC SYSTEM FOR OVERRIDE "ON" CONTROL OF INTERIOR LIGHTING LCC.
8. WALL SLOT FLUORESCENT FIXTURE, COORDINATE WITH CEILING INSTALLATION.
9. TYPE XCR EMERGENCY LIGHT MOUNTED TO UNDERSIDE OF STAIR LANDING TO PROVIDE EMERGENCY LIGHTING OF STAIRS FROM LEVEL ONE.
10. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
11. COORDINATE WITH MECHANICAL DRAWINGS TO ENSURE THAT DUCTWORK,WATER,PLUMBING,ETC., IS A MINIMUM 12" IN ALL DIRECTIONS FROM EXAM LIGHT LOCATION.

FIELD COORDINATE FIXTURE LOCATIONS WITH MECH. EQUIP.

PROVIDE EMERGENCY BALLAST IN EVERY 4TH TYPE FND COVE FIXTURE

FILLED-IN SYMBOL INDICATES FIXTURE PROVIDED WITH AN EMERGENCY BALLAST, TYP.

1 LIGHTING – FLOOR PLAN – LEVEL 2/BRIDGE
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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LIGHTING
FLOOR PLAN
LEVEL 2 / BRIDGE

SHEET NO.
E2.12
E2.12 LIGHTING FLOOR 2.DWG

GENERAL NOTES

1. SEE LIGHT FIXTURE SPECIFICATION SECTION 26 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
2. ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
3. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
4. SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
5. ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.
6. ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
7. PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
8. LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

FLAG NOTES

1. TYPE FNA AND FNB FIXTURES TO BE WALL-MOUNTED. SEE ARCHITECTURAL WALL ELEVATIONS AND DETAILS FOR FIXTURE LOCATIONS AND MOUNTING.
2. TYPE FNC TO BE PENDANT MOUNTED WITH BOTTOM OF FIXTURE AT 8'-0" AFF.
3. TYPE LNA TO BE INTEGRATED WITH GLASS/ RESIN/ SIGNAGE FEATURE ELEMENT. SEE INTERIOR AND GRAPHIC DETAILS FOR FIXTURE MOUNTING, SIZE AND LOCATION.
4. TYPE FND LOCATED ABOVE WALL IN COVE LOCATION TO UPLIGHT SLOPED LOBBY CEILING. PROVIDE FIXTURE LENGTHS TO FIT ARCHITECTURAL DETAILS.
5. LIGHT FIXTURES MOUNTED TO COLUMNS. SEE ARCHITECTURAL ELEVATIONS AND DETAILS FOR FIXTURE MOUNTING INFORMATION.
6. TYPE HNJ FIXTURES TO BE AIMED AT EITHER SEATING OR SIGNAGE BELOW.
7. TYPE HNG LOCATED ATOP SKYBRIDGE, AIMED TO EVENLY ILLUMINATE SURFACE ABOVE.
8. TYPE XCE EMERGENCY LIGHT WALL MOUNTED TO PROVIDE EMERGENCY LIGHTING OF STAIRS FROM LEVEL THREE. REFER TO SHEET A3.35 FOR EXACT LOCATION OF FIXTURES.
9. ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTACTOR, REFER TO 1/E2.10 AND 2/E2.25 FOR DETAIL.
10. PROVIDE LOW VOLTAGE SWITCH TO DDC SYSTEM FOR OVERRIDE "ON" CONTROL OF INTERIOR LIGHTING LCC.
11. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
12. COORDINATE WITH MECHANICAL DRAWINGS TO ENSURE THAT DUCTWORK,WATER,PLUMBING,ETC., IS A MINIMUM 12" IN ALL DIRECTIONS FROM EXAM LIGHT LOCATION.
13. PROVIDE DIMMING SYSTEM CONTROL PANEL WITH WINDOW SCREEN CONTROL AND 4 SCENE CAPABILITY. LUTRON GRAPHIC EYE OR APPROVED EQUAL. PROVIDE SHOP DRAWINGS.
14. LIGHTING DIMMER PANEL
15. TYPE FND FIXTURE MOUNTED ABOVE CABINET. TYPE FNJ FIXTURE IS MOUNTED ON UNDERSIDE OF UPPER CABINET SECTION. REFER TO ARCH FOR EXACT LOCATION OF FIXTURES.

PROVIDE EMERGENCY BALLAST IN EVERY 4TH TYPE FND COVE FIXTURE

1 LIGHTING – FLOOR PLAN – LEVEL 3
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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SHEET REISSUED FOR CONFORMED SET 05-20-2008

REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS
4. SHEET REISSUED 5-20-08

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REVIEWED	TEL

LIGHTING FLOOR PLAN LEVEL 3

SHEET NO.
E2.13
E2.13 LIGHTING FLOOR 3.DWG

SHEET NOTES:

1. PROVIDE WIREMOLD 4000 RACEWAY ALONG PERIMETER OF ROOM AS SHOWN. COORDINATE WITH MODULAR FURNITURE MANUFACTURER FOR POWER CONNECTION. ASSUME ONE CIRCUIT PER TWO SEATS SHOWN. FURNITURE WILL BE PRE-WIRED. PROVIDE FLEXIBLE CONDUIT CONNECTION TO FURNITURE. PROVIDE HOME RUNS TO PANELS AS NECESSARY.
2. POWER CONNECTION FOR PATIENT WAITING ANNUNCIATOR.
3. POWER CONNECTION FOR DOOR OPERATOR.
4. UNDERSLAB WIRING IS LIMITED TO:
   A. BUILDING SERVICE,
   B. PANEL AND TRANSFORMER FEEDERS.
5. HEAT TRACE FOR OVERFLOW DISCHARGE. COORDINATE WITH MECHANICAL FOR LOCATION.
6. REFER TO MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER QUANTITIES AND LOCATIONS. EACH DAMPER REQUIRES 120VAC AND CONNECTION TO FA SYSTEM. PROVIDE POWER FROM LOCAL AREA PANEL.
7. EQUIPMENT CONNECTION FOR P-TUBE STATION. VERTICALLY ALIGNED P-TUBE STATIONS ON SEPARATE FLOORS ARE TO BE ON THE SAME CIRCUIT.
8. RECEPTACLES FOR A.E.D.
9. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
10. POWER FOR SECURITY DOOR CONNECTIONS.

1 POWER – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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POWER FLOOR PLAN LEVEL 1

SHEET NO.
E2.21
E2.21 POWER FLOOR 1.DWG

SHEET NOTES:

1. PROVIDE WIREMOLD 4000 RACEWAY ALONG PERIMETER OF ROOM AS SHOWN. COORDINATE WITH MODULAR FURNITURE MANUFACTURER FOR POWER CONNECTION. ASSUME ONE CIRCUIT PER TWO SEATS SHOWN. FURNITURE WILL BE PRE-WIRED. PROVIDE FLEXIBLE CONDUIT CONNECTION TO FURNITURE. PROVIDE HOME RUNS TO PANELS AS NECESSARY.
2. POWER CONNECTION FOR PATIENT WAITING ANNUNCIATOR.
3. POWER CONNECTION FOR DOOR OPERATOR.
4. PROVIDE POWER FOR AREA OF REFUGE COMMUNICATION ANNUNCIATOR. REFER TO 3/E2.30 FOR DETAIL.
5. REFER TO MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER QUANTITIES AND LOCATIONS. EACH DAMPER REQUIRES 120VAC AND CONNECTION TO FA SYSTEM. PROVIDE POWER FROM LOCAL AREA PANEL.
6. EQUIPMENT POWER FOR P-TUBE STATIONS, VERTICALLY ALIGNED P-TUBE STATIONS ON SEPARATE FLOORS TO BE ON THE SAME FIRST FLOOR CIRCUIT.
7. RECEPTACLE FOR A.E.D.
8. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
9. POWER FOR SECURITY DOOR CONNECTIONS.

1 POWER – FLOOR PLAN – LEVEL 2/BRIDGE
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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POWER FLOOR PLAN LEVEL 2

SHEET NO.
E2.22
E2.22 POWER FLOOR 2.DWG

SHEET NOTES:

1. PROVIDE WIREMOLD 4000 RACEWAY ALONG PERIMETER OR ROOM AS SHOWN. COORDINATE WITH MODULAR FURNITURE MANUFACTURER FOR POWER CONNECTION. ASSUME ONE CIRCUIT PER TWO SEATS SHOWN. FURNITURE WILL BE PRE-WIRED. PROVIDE FLEXIBLE CONDUIT CONNECTION TO FURNITURE. PROVIDE HOME RUNS TO PANELS AS NECESSARY.
2. POWER CONNECTION FOR PATIENT WAITING ANNUNCIATOR.
3. REFER TO MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER QUANTITIES AND LOCATIONS. EACH DAMPER REQUIRES 120VAC AND CONNECTION TO FA SYSTEM. PROVIDE POWER FROM LOCAL AREA PANEL.
4. EQUIPMENT POWER CONNECTION IN CEILING FOR P-TUBE BLOWER DIVERTERS.
5. EQUIPMENT CONNECTION FOR P-TUBE STATIONS, VERTICALLY ALIGNED STATIONS (ON SEPARATE FLOORS) TO BE ON SAME FIRST FLOOR CIRCUIT.
6. RECEPTACLE FOR A.E.D.
7. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
8. POWER CONNECTION FOR SECURITY DOOR.
9. MOTORIZED SHADE
10. POWER FOR PROJECTOR LIFT.

POWER FOR OVERHEAD FIRE DOOR, 3W:77

POWER FOR OVERHEAD FIRE DOOR, 3W:77

HOT WATER DISPENSER

HOT WATER DISPENSER

MICROWAVE

FRIDGE

1 POWER – FLOOR PLAN – LEVEL 3
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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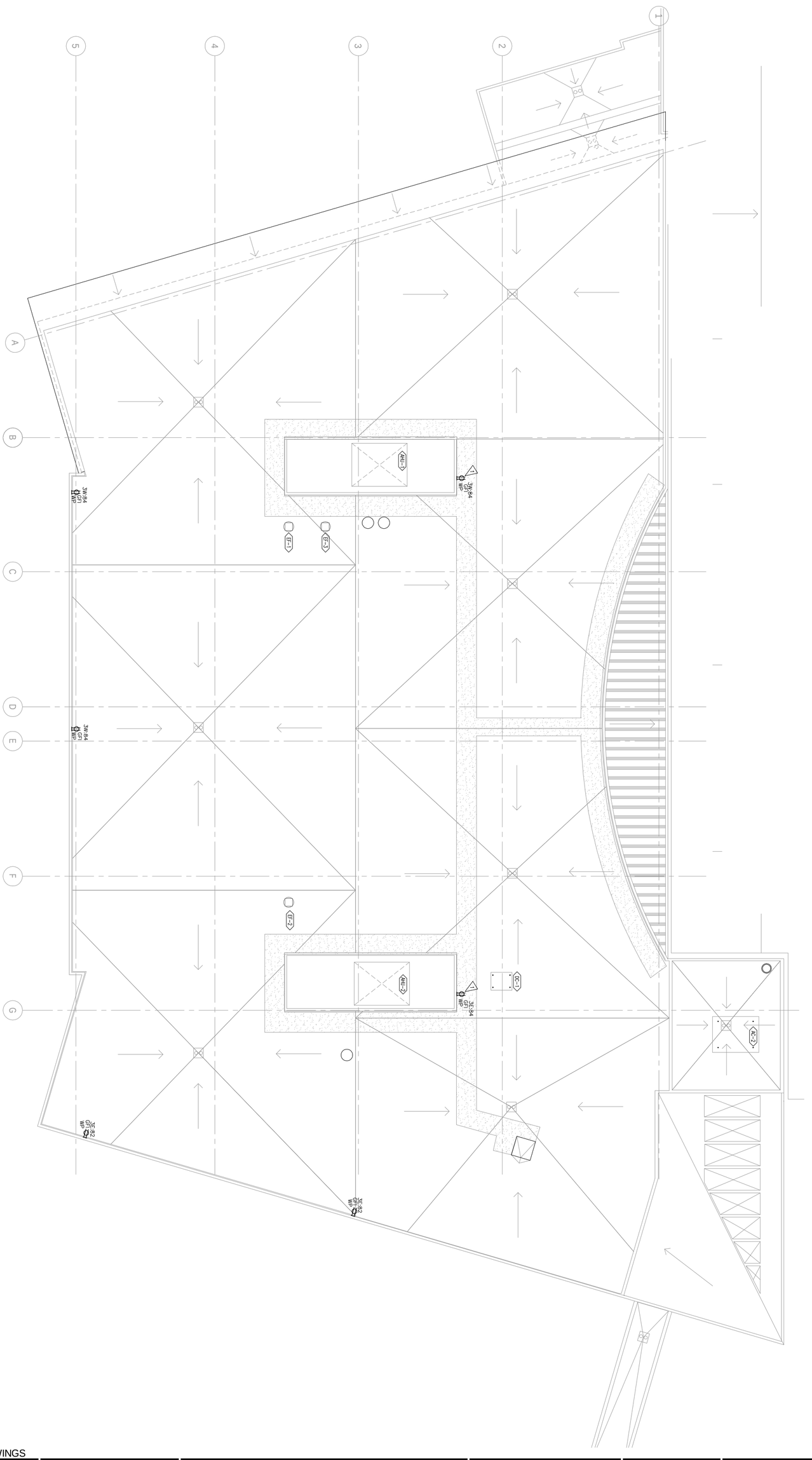
CONFORMED DRAWINGS

POWER FLOOR PLAN LEVEL 3

SHEET NO.
E2.23
E2.23 POWER FLOOR PLAN LEVEL 3



1 POWER — ROOF PLAN
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 8 16 24

FLAG NOTES
1 MOUNT RECEPTACLE TO EXTERIOR OF AIR HANDLING UNIT ENCLOSURES.

CONFORMED DRAWINGS

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STATE OF ALASKA — 49TH — TIM E. LOONEY — EE 9988 — REGISTERED PROFESSIONAL ENGINEER

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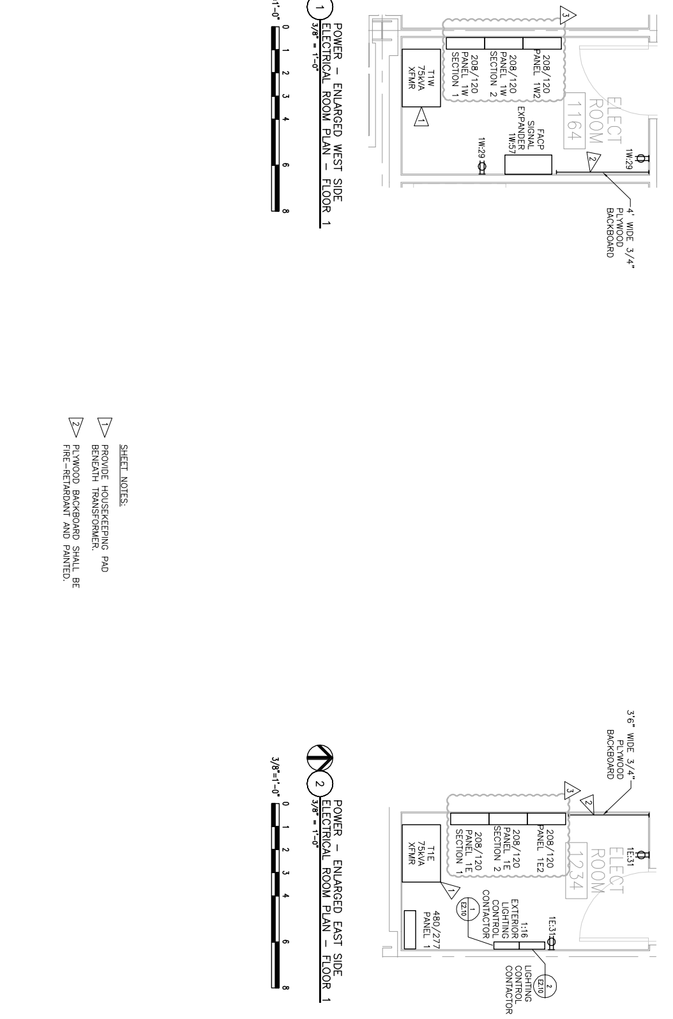
POWER ROOF PLAN

SHEET NO. E2.24
E2.24 POWER ROOF PLAN.DWG

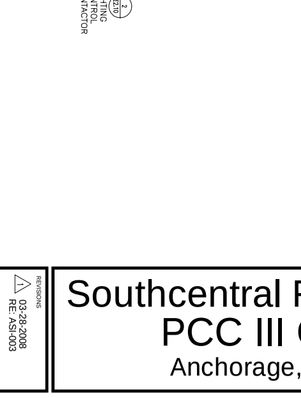


1 POWER – ENLARGED WEST SIDE ELECTRICAL ROOM PLAN – FLOOR 1
3/8" = 1'-0"

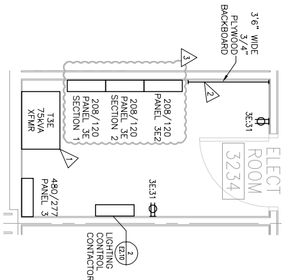
2 POWER – ENLARGED EAST SIDE ELECTRICAL ROOM PLAN – FLOOR 1
3/8" = 1'-0"

3 POWER – ENLARGED WEST SIDE ELECTRICAL ROOM PLAN – FLOOR 2
3/8" = 1'-0"

4 POWER – ENLARGED EAST SIDE ELECTRICAL ROOM PLAN – FLOOR 2
3/8" = 1'-0"



5 POWER – ENLARGED WEST SIDE ELECTRICAL ROOM PLAN – FLOOR 3
3/8" = 1'-0"



6 POWER – ENLARGED EAST SIDE ELECTRICAL ROOM PLAN – FLOOR 3
3/8" = 1'-0"

SHEET NOTES:

1. PROVIDE HOUSEKEEPING PAD BENEATH TRANSFORMER.
2. PLYWOOD BACKBOARD SHALL BE FIRE-RETARDANT AND PAINTED.

CONFORMED DRAWINGS

POWER ENLARGED ROOM PLANS	SHEET NO. **E2.25**

JOB NO. 100170.00
DATE 03.17.2008
DRAWN ALM
REVIEWED
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REVISIONS
1 03-28-2008 RE: ASI-003
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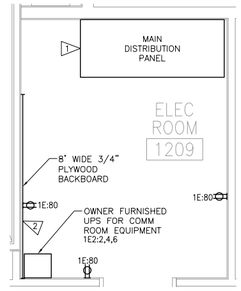
STATE OF ALASKA 49TH
STEVEN M. LOOMIS
EXP. 12-31-2008
REGISTERED PROFESSIONAL ENGINEER

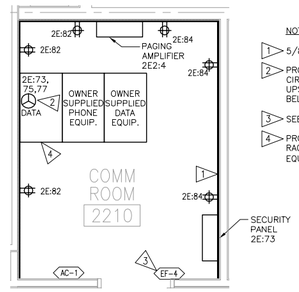


NOTES:

1. PROVIDE HOUSEKEEPING PAD BENEATH MDP.
2. PLYWOOD BACKBOARD SHALL BE FIRE-RETARDANT AND PAINTED.

1 POWER – ENLARGED MAIN ELECTRICAL ROOM PLAN – FLOOR 1
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8

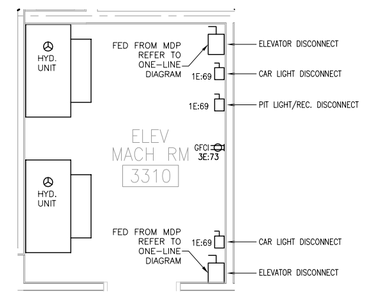


NOTES:

1. 5/8" PLYWOOD BACKBOARD.
2. PROVIDE 3, 30A, 3P 4 WIRE CIRCUITS FROM OWNER SUPPLIED UPS IN MAIN ELECTRICAL ROOM BELOW.
3. SEE DETAIL 8/E2.30
4. PROVIDE EF-4 FAN 500W UPS RACK MOUNTED IN BOTTOM OF EQUIPMENT RACK. SEE 8/E2.30

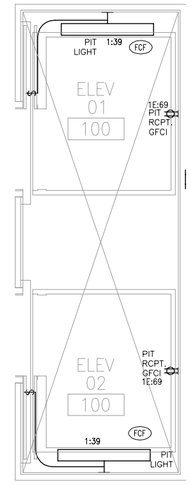
2 POWER – ENLARGED COMM. ROOM PLAN – FLOOR 2
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8



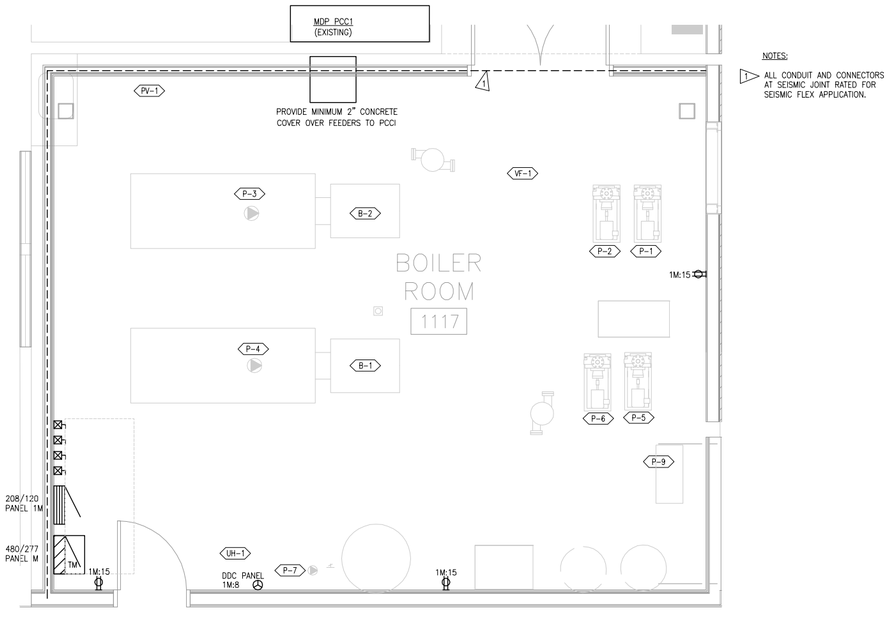
3 POWER – ENLARGED ELEVATOR MACHINERY ROOM PLAN – FLOOR 3
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8



4 POWER – ENLARGED ELEVATOR ROOM PLAN – FLOOR 1
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8



NOTES:

1. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.

5 ENLARGED BOILER ROOM PLAN – FLOOR 1
3/8" = 1'-0"

3/8"=1'-0" 0 1 2 3 4 6 8

PCC3 MECHANICAL EQUIPMENT SCHEDULE

ITEM/TAG	DESCRIPTION	LOCATION	VOLTAGE	D/C/SW/S	LOAD	FLA	CIRCUIT	FEEDER	COMMENTS
P-1	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	COMBO	7.5 HP	11	M:7,9,11	1/2"C.3#10,#10 GND	
P-2	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	COMBO	7.5 HP	11	M:13,15,17	1/2"C.3#10,#10 GND	
P-3	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	COMBO	5HP	7.6	M:14,16,18	1/2"C.3#12,#12 GND	
P-4	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	COMBO	5 HP	7.6	M:19,21,23	1/2"C.3#12,#12 GND	
P-5	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	VFD,D	20 HP	27	M:20,22,24	3/4"C.3#8,1#8GND	
P-6	HYDRONIC CIRC PUMP	BOILER ROOM	480/3	VFD,D	20 HP	27	M:25,27,29	3/4"C.3#8,1#8GND	
P-7	HYDRONIC CIRC PUMP	BOILER ROOM	120	S	1/2 HP	5.6	1M:3	1/2"C.3#12,#12 GND	
P-8	SNOW MELT PUMP	1ST FLOOR WEST STAIRS	120/1	S	1/2 HP	9.8	1E2:1	1/2"C.3#12,#12 GND	
P-9	SNOW MELT PUMP	BOILER ROOM	120/1	S	1/2 HP	9.8	1M:17	1/2"C.3#12,#12 GND	
P-10	SNOW MELT PUMP	1ST FL WEST	120/1	S	1/2 HP	9.8		1/2"C.3#12,#12 GND	CONNECT TO PCC 2 PANEL
EF-1	EXHAUST FAN	ROOFTOP	120	DDC,D	1/2 HP	9.8	3W:71	1/2"C.2#10,1#10GND	
EF-2	EXHAUST FAN	ROOFTOP	120	DDC,D	1/2 HP	9.8	3E:75	1/2"C.2#10,1#10GND	
EF-3	EXHAUST FAN	ROOFTOP	120	DDC,D	1/4 HP	5.6	3W:73	1/2"C.2#10,1#10GND	
VF-1	VENTILLATION FAN	BOILER ROOM	480/3	TH,D	1.5 HP	3	M:31,33,35	1/2"C.3#12,#12 GND	
EF-4	COOLING FAN	2ND FL COMM RM	120	UPS	225W	3	2E2:2	1/2"C.2#12,1#12GND	
UH-1	UNIT HEATER	BOILER ROOM	120	DDC,FD	1/6 HP	4.4	1M:1	1/2"C.2#12,1#12GND	
UH-2	UNIT HEATER	FAN ROOM 2116	120	DDC,FD	1/6 HP	4.4	1M:1	1/2"C.2#12,1#12GND	
HT-1	HEAT TRACE	1ST FLOOR EXTERIOR	277	DDC,FD	250W	1	1:37	1/2"C.2#12,1#12GND	
PV-1	AIR VACUUM TUBE	BOILER ROOM	480/3	D	10 HP	14	M:38,40,42	3/4"C.3#10,1#10GND	
DC-1	DRY COOLER	ROOFTOP	480/3	D	3 HP	4.8	3:20,22,24	1/2"C.3#12,1#12GND	
CUH-1	CABINET UNIT HEATER	1ST FLOOR EAST ENTRY	120	DDC,D	1/6 HP	4.4	1M:6	1/2"C.2#12,1#12GND	
CUH-2	CABINET UNIT HEATER	1ST FL EAST STAIRWELL	120	DDC,D	1/6 HP	4.4	1E:75	1/2"C.2#12,1#12GND	
CUH-3	CABINET UNIT HEATER	1ST FL WEST STAIRWELL	120	DDC,D	1/6 HP	4.4	1W:71	1/2"C.2#12,1#12GND	
CUH-4	CABINET UNIT HEATER	1ST FLOOR WEST ENTRY	120	DDC,D	1/6 HP	4.4	1W:71	1/2"C.2#12,1#12GND	
CUH-5	CABINET UNIT HEATER	2ND FLOOR BRIDGE	120	DDC,D	1/6 HP	4.4	1M:2	1/2"C.2#12,1#12GND	
CUH-6	CABINET UNIT HEATER	2ND FLOOR BRIDGE	120	DDC,D	1/6 HP	4.4	1M:2	1/2"C.2#12,1#12GND	
CUH-7	CABINET UNIT HEATER	2ND FLOOR BRIDGE	120	DDC,D	1/6 HP	4.4	1M:4	1/2"C.2#12,1#12GND	
B-1	BOILER	BOILER ROOM	208/3	DDC,D	2 HP	7.5	1M:14,16,18	1/2"C.3#12,#12 GND	
B-2	BOILER	BOILER ROOM	208/3	DDC,D	2HP	7.5	1M:20,22,24	1/2"C.3#12,#12 GND	
EF-5	COOLING FAN	ROOFTOP (above El M Rm)	480/3	D	1 HP	2.1	3: 19,21,23	1/2"C.3#12,#12 GND	
AC-1	AIR CONDITIONER	CEILING RM 2209	277	COMBO	1/6 HP	1.3	2:19	1/2"C,2#12,1#12 GND	

PROVIDE DISCONNECTS AND/OR CONTROL AS INDICATED
CONTROLLER LEGEND: D = DISCONNECT, TH – THERMOSTAT, FSW = FLOAT SWITCH, VFD=VARIABLE FREQUENCY DRIVE
DDC=DIRECT DIGITAL CONTROL, COMBO=COMBINATION STARTER/DISCONNECT, S=STARTER, UPS=SWITCHED TO BATTERY BACK-UP
DDC/FD=FUSIBLE DISCONNECT

6 PCC3 – MECHANICAL EQUIPMENT SCHEDULE
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Anchorage, Alaska

REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS

JOB NO. 100179_00
DATE 03-17-2008
DRAWN ALM
REVIEWED TEL

CONFORMED DRAWINGS

POWER ENLARGED ROOM PLANS

SHEET NO. E2.26

E2.26 POWER ENLARGED PLANS.DWG

SHEET NOTES:

1. COORDINATE WITH MODULAR FURNITURE MANUFACTURER FOR DATA CONNECTIONS. ASSUME FURNITURE WILL INCLUDE CHASE FOR WIRING BUT NO DEVICES OR WIRING. PROVIDE HOME RUNS TO 2ND FLOOR COMM ROOM AS NECESSARY.
2. PROVIDE TWO DATA CAT5E JACKS PER SEAT SHOWN PLUS TEN ADDITIONAL LOCATIONS TO BE COORDINATED WITH MODULAR FURNITURE MANUFACTURER.
3. UNDERSLAB WIRING IS LIMITED TO:
   - A. BUILDING SERVICE
   - B. PANEL AND TRANSFORMER FEEDERS
   - C. PERIMETER POWER AND DATA RECEPTACLES
4. SEE MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER LOCATIONS. PROVIDE CONNECTION TO FA SYSTEM AS REQUIRED.
5. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
6. MOUNT FIRE ALARM HORN/STROBES SO THAT BASE OF DEVICE IS FLUSH WITH "WOOD BACKER" SHOWN IN 6/A4.12. MOUNT FIRE ALARM PULL STATION SO THAT THE FRONT OF THE DEVICE IS FLUSH WITH THE FRONT OF THE WOOD SCREEN.

SLIDING FIRE DOOR ACTUATE FROM FACP

FA ANNUNCIATOR

DDC PANEL

+12 AFF

UP

1 SIGNAL – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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CONFORMED DRAWINGS

SIGNAL FLOOR PLAN LEVEL 1

SHEET NO.

E2.31

E2.31 SIGNAL FLOOR 1.DWG

SHEET NOTES:

1. COORDINATE WITH MODULAR FURNITURE MANUFACTURER'S LAYOUTS. ASSUME FURNITURE WILL INCLUDE CHASE FOR WIRING BUT NO DEVICES OR WIRING. PROVIDE POWER POLES TO 2ND FLOOR COMM ROOM AS NECESSARY.
2. PROVIDE TWO DATA/TELE JACKS PER SEAT SHOWN, PLUS TEN ADDITIONAL LOCATIONS TO BE COORDINATED WITH MODULAR FURNITURE MANUFACTURER.
3. AREA OF REFUGE COMMUNICATION SYSTEM TO INCLUDE TELEPHONE JACK AND (2) CAT 5E CABLES TO 2ND FLOOR COMMUNICATIONS ROOM - SEE E2.30 FOR DETAIL.
4. SEE MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER LOCATIONS. PROVIDE CONNECTION TO FA SYSTEM AS REQUIRED.
5. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
6. MOUNT FIRE ALARM HORN/STROBES SO THAT BASE OF DEVICE IS FLUSH WITH "MOOD BACKER" SHOWN IN 6/A4.12.

AHU-3
2 SUPPLY
1 RETURN

1 SIGNAL – FLOOR PLAN – LEVEL 2/BRIDGE
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 8 16 24

CONFORMED DRAWINGS

SIGNAL
FLOOR PLAN
LEVEL 2 / BRIDGE

SHEET NO.
E2.32
E2.0 SERIES FLOOR PLANS

JOB NO. 100179.00
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Thomas E. Mooney
THOMAS E. MOONEY
EE 8998
REGISTERED PROFESSIONAL ENGINEER

SHEET NOTES:

1. COORDINATE WITH MODULAR FURNITURE MANUFACTURER FOR DATA CONNECTIONS. ASSUME FURNITURE WILL INCLUDE CHASE FOR WIRING BUT NO DEVICES OR WIRING. PROVIDE HOME RUNS TO 2ND FLOOR COMM ROOM AS NECESSARY.
2. PROVIDE TWO DATA CAT5E JACKS PER SEAT SHOWN PLUS TEN ADDITIONAL LOCATIONS TO BE COORDINATED WITH MODULAR FURNITURE MANUFACTURER.
3. SEE MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER LOCATIONS. PROVIDE CONNECTION TO FA SYSTEM AS REQUIRED.
4. PROVIDE 4 DUCT SMOKE DETECTORS IN ROOF TOP AIR HANDLERS. 2 FOR EACH UNIT MOUNTED ON SUPPLY AND RETURN DUCTS.
5. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
6. MOUNT FIRE ALARM HORN/STROBE BENEATH SOFFIT SO THAT THE BOTTOM OF THE UNIT IS A MINIMUM +80" AFF. REFER TO 6&7/A4.13 FOR SOFFIT DETAIL.

7. A/V EQUIPMENT CLOSET
8. TELECONFERENCE CAMERA
9. PROJECTOR SCREEN
10. A/V FLOOR BOX – PROVIDE 2" CONDUIT TO A/V EQUIPMENT CLOSET.
10. PROJECTOR WITH ELECTRIC LIFT – PROVIDE 2" CONDUIT TO A/V EQUIPMENT CLOSET.

OVERHEAD FIRE DOOR, ACTIVATE FROM FACP

OVERHEAD FIRE DOOR, ACTUATE FROM FACP

1 SIGNAL – FLOOR PLAN – LEVEL 3
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

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CONFORMED DRAWINGS

SIGNAL FLOOR PLAN LEVEL 3

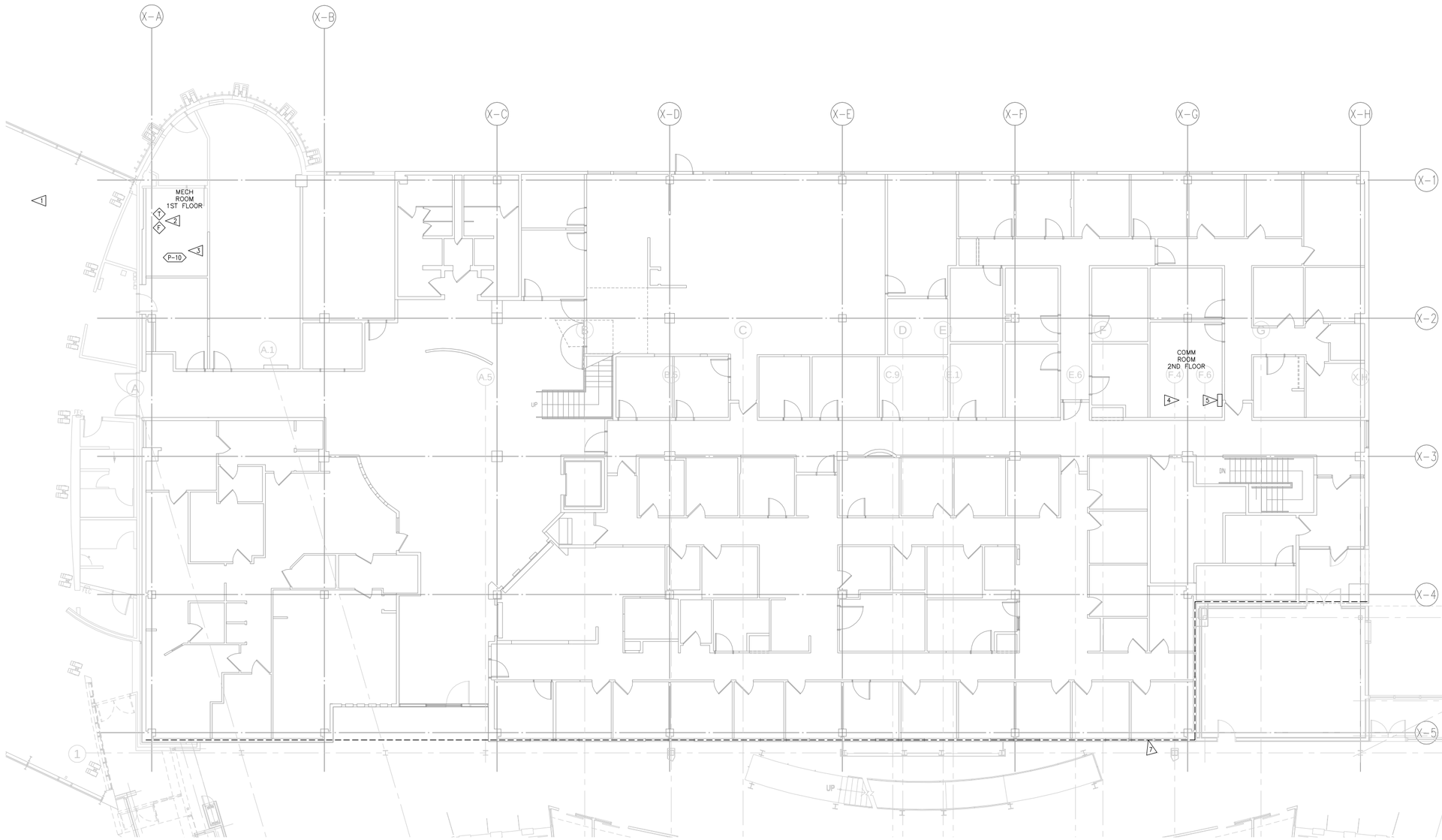
SHEET NO.

E2.33

E2.33 SIGNAL FLOOR 3.DWG

NOTES:

1. REPLACE EXISTING FIRE ALARM ANNUNCIATOR AT FIRST FLOOR ENTRY.
2. PROVIDE NEW FLOW AND TAMPER SWITCHES FOR PCC3 SPRINKLER ZONE AND CONNECT TO EXISTING FIRE ALARM.
3. SNOW MELT PUMPS – COODINATE WITH MECHANICAL CONTRACTOR.
4. PROVIDE 2 4" CONDUITS FROM 2ND FLOOR PCC1 COMM ROOM TO 2ND FLOOR PCC3 COMM ROOM. PROVIDE INTERCONNECT CABLING AS SHOWN ON RISER DIAGRAM.
5. EXISTING FIRE ALARM CONTROL PANEL – EXTEND INITIATION CIRCUITS TO ACCOMODATE PCC3 DEVICES AND NEW ANNUNCIATION PANELS. UPGRADE PANEL, POWER SUPPLY, AND BATTERIES AS REQUIRED.
6. PROVIDE 2 CAT5E CABLES TO 5TH FLOOR MECHANICAL ROOM IN PARKING GARAGE. TERMINATE CABLES ADJACENT TO SECURITY PANEL. TERMINATE OTHER END OF CABLES IN 2ND FLOOR PCC3 COMM ROOM AT PATCH PANEL. INSTALL PER CAT5E. IT IS UNDERSTOOD THAT INSTALLED CABLE LENGTH MAY EXCEED CAT5E SPECIFICATIONS (290').
7. ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT TO BE RATED FOR THIS INSTALLATION.



1 PCC1 – FLOOR PLAN – LEVEL 1
1/8" = 1'-0"

1/8"=1'-0" 0 2 4 6 8 16 24

CONFORMED DRAWINGS

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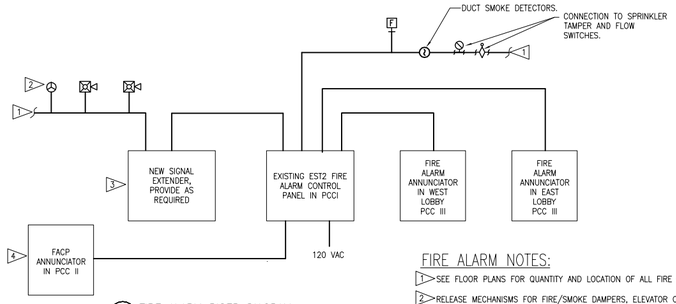
SIGNAL TO PCC1

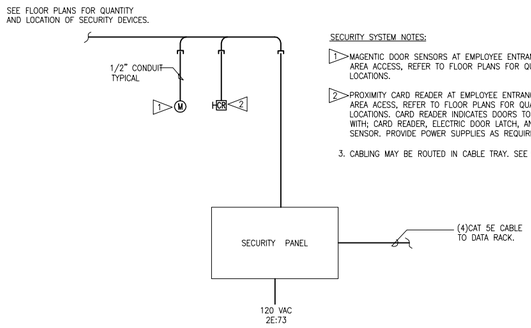
SHEET NO.
E2.34
E2.34 SIGNALTO PCC1.DWG



1 FIRE ALARM RISER DIAGRAM
SCALE: NTS

FIRE ALARM NOTES:

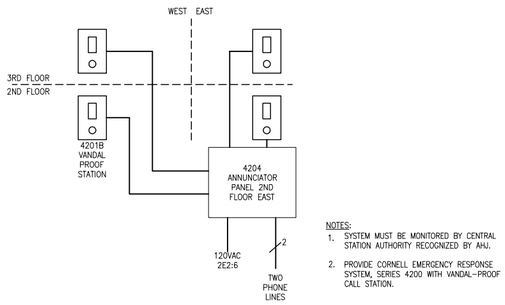
1. SEE FLOOR PLANS FOR QUANTITY AND LOCATION OF ALL FIRE ALARM DEVICES.
2. RELEASE MECHANISMS FOR FIRE/SMOKE DAMPERS, ELEVATOR CAPTURE AS NEEDED.
3. CONNECT TO EXISTING FIRE ALARM PANEL IN PCC I, RM 1108. PROVIDE UPGRADES TO PANEL AS REQUIRED TO EXTEND TO NEW FIRE ALARM PANEL IN THIS PROJECT. ALL NEW FIRE ALARM DEVICES TO BE COMPATIBLE WITH EXISTING PANEL. CLEAR ALL EXISTING GROUND FAULT WIRING PROBLEMS WITH EXISTING FIRE ALARM SYSTEM. TEST AND RE-CERTIFY FIRE ALARM PANEL AS REQUIRED, PER NFPA 72.
4. REPLACE EXISTING LED GRAPHIC ANNUNCIATOR WITH LCD/MAP ANNUNCIATOR TO MATCH NEW ANNUNCIATOR IN EAST AND WEST PCCIII LOBBY ENTRANCES.



SECURITY SYSTEM NOTES:

1. MAGENTIC DOOR SENSORS AT EMPLOYEE ENTRANCE AND SENSITIVE AREA ACCESS, REFER TO FLOOR PLANS FOR QUANTITY AND LOCATIONS.
2. PROXIMITY CARD READER AT EMPLOYEE ENTRANCE AND SENSITIVE AREA ACCESS, REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS. CARD READER INDICATES DOORS TO BE PROVIDED WITH; CARD READER, ELECTRIC DOOR LATCH, AND MAGNETIC DOOR SENSOR. PROVIDE POWER SUPPLIES AS REQUIRED.
3. CABLING MAY BE ROUTED IN CABLE TRAY. SEE 9/E2.35

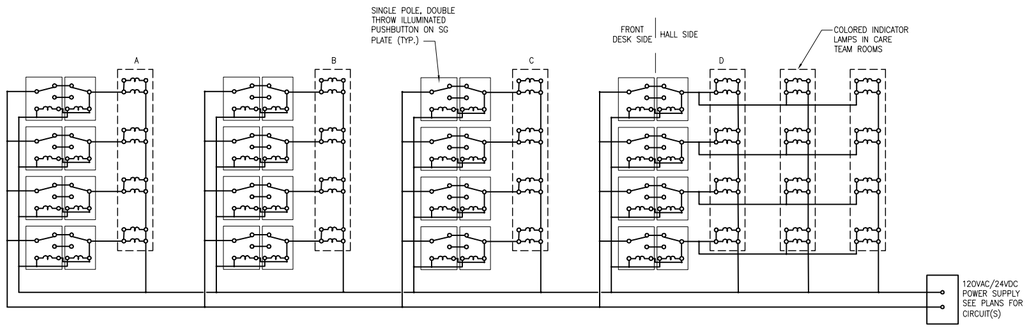
2 SECURITY RISER DIAGRAM
SCALE: NTS



NOTES:

1. SYSTEM MUST BE MONITORED BY CENTRAL STATION AUTHORITY RECOGNIZED BY AHJ.
2. PROVIDE CORNELL EMERGENCY RESPONSE SYSTEM, SERIES 4200 WITH VANDAL-PROOF CALL STATION.

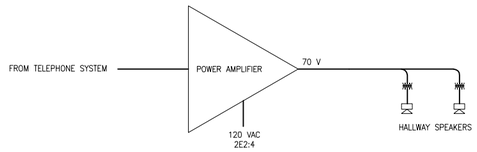
3 AREA OF REFUGE COMMUNICATION SYSTEM
SCALE: NTS



4 PATIENT WAITING ANNUNCIATOR
SCALE: NTS

PATIENT WAITING ANNUNCIATOR NOTES:

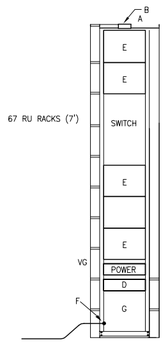
1. PROVIDE TWO SIXTEEN UNIT STATIONS PER FLOOR.
2. SEE FLOOR PLANS FOR EQUIPMENT LOCATIONS.
3. PROVIDE UL LISTED 120DL, CLASS II PLENUM RATED POWER SUPPPLY. MOUNT SUPPLY IN CEILING ABOVE CHARTSLOTS.
4. ALL WIRING SHALL BE PLENUM RATED, CLASS II PER NEC.



5 COMMON AREA PAGING SYSTEM
SCALE: NTS

PAGING SYSTEM NOTES

1. PROVIDE WALL MOUNTED 100 WATT PAGING AMPLIFIER WITH SINGLE LINE LEVEL AUDIO INPUT.
2. PROVIDE CEILING MOUNTED 6" LOUDSPEAKER WITH 70V MULTI-TAP BALLASTS, ENCLOSURE AND WHITE BAFFLE. QUANTITY AND LOCATION AS SHOWN ON PLANS. TAP SPEAKERS AT 1 WATT.
3. SPEAKER CABLE SHALLL BE 1 TWISTED PAIR #18AWG WITH OVERALL JACKET PLENUM RATED.

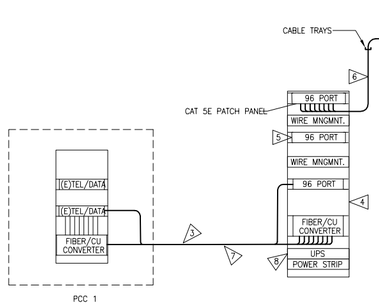


DATA RACKS FOR PCC III 2ND FLOOR COMM ROOM

6 COMM ROOM RACK DETAILS
SCALE: NTS

PROVIDE THE FOLLOWING RACK EQUIPMENT AS NOTED:

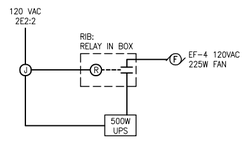
- A TWO NEW UNIVERSAL SELF SUPPORT RACK, 7 FT HIGH, 19" WIDE, EXTRUDED ALUMINUM, CLEAR COAT FINISH, CHATSWORTH OR EQUAL.
- B ENGRAVED BLACK NAMEPLATE WITH 3/4" HIGH WHITE LETTERS FOR RACK DESIGNATION.
- C VERTICAL NARROW RACK CABLING SECTION WITH LATCHES EVERY 12"
- D 24 FIBER FDC CONNECTOR HOUSING
- E 96 PORT CAT-5E PATCH PANEL AS REQUIRED PLUS 25% SPARE CAPACITY
- F COPPER GROUNDING CONNECTION. USE IRREVERSIBLE CRIMP CABLE TERMINATION TO ATTACH GROUNDING CONDUCTOR TO RACK. MECHANICAL LUGS SHALL NOT BE USED. USE #2 AWG CU.
- G SPACE RESERVED FOR OWNER FURNISHED, OWNER INSTALLED EQUIPMENT.



7 TELECOMMUNICATIONS RISER DIAGRAM
SCALE: NTS

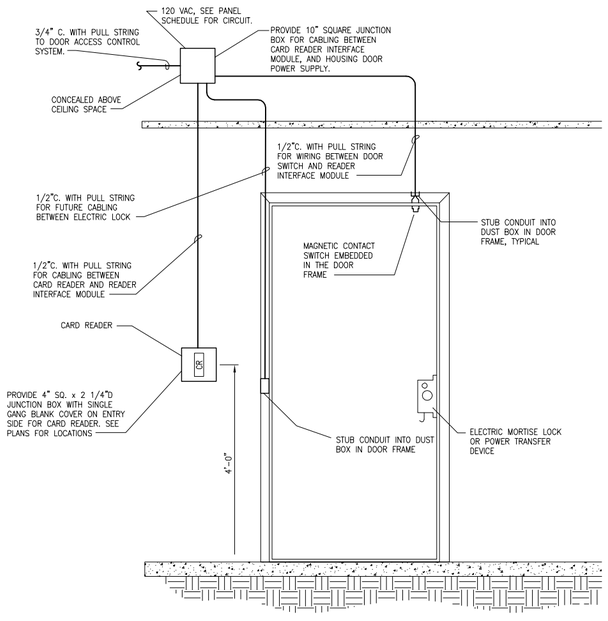
TELECOMMUNICATIONS RISER NOTES:

1. DATA OUTLET, EACH SYMBOL REPRESENTS TWO CAT-5E DATA JACKS ON A 4 PORT DATA PLATE. SEE FLOOR PLANS FOR QUANTITY AND LOCATION.
2. PROVIDE ONE CATEGORY 5E CABLE BACK TO THE PATCH PANEL FOR EACH JACK. TERMINATE ALL CABLES IAW EIA/TIA 568B. VERIFY ALL CABLES TEST TO CATEGORY 5E STANDARDS AND PROVIDE RESULTING TEST DATA TO OWNER'S REPRESENTATIVE.
3. PROVIDE (12) STRANDS OF 62.5/125-MM MULTIMODE OPTICAL FIBER BACKBONE IN INTERDUCT AND 12 CAT-5E CABLES IN 4" CONDUIT FROM MAIN DATA RACK TO THE EXISTING DATA RACK(S) IN PCC I. FIBER TERMINATED WITH RACK MOUNTED SC CONNECTORS.
4. NEW FREE-STANDING DATA/MEDIA RACKS. SIESMICALLY SUPPORT RACK PER IBC. PROVIDE EIGHT OUTLET POWER STRIPS WITH SURGE PROTECTION MOUNTED ON LOWER REAR INTERIOR OF RACK. PROVIDE VERTICAL AND HORIZONTAL CABLE MANAGEMENT IN FRONT AND REAR OF RACK. RACKS CONTAIN SUFFICIENT PATCH PANEL CAPACITY TO ACCOMMODATE 125% NEW HORIZONTAL DROPS. REFER TO PLAN FOR RACK LOCATIONS.
5. PATCH PANELS ARE KRONE 96 PORT CAT-5E RATED PATCH PANELS. PROVIDE SUFFICIENT QUANTITY TO ENSURE 25% SPARE CAPACITY AT ALL NEW DATA RACKS
6. ALL CABLE SHALL BE PLENUM RATED. CABLE TO BE IN CONDUIT IN CONCEALED AREAS, IE. WALLS, HARD CEILINGS. SUPPORT CABLING VIA J HOOKS OR CABLE TRAYS IN ACCESSIBLE AREAS, IE. ABOVE T-GRID CEILINGS.
7. PROVIDE TWO 4" CONDUITS (ONE SPARE) FROM PCC I COMM ROOM TO PCC III COMM ROOM.
8. PROVIDE 500W RACK MOUNT UPS FOR EF-4 POWER. SEE 8/E2.35



NOTE:
RACK MOUNTED UPS, 120 VAC INPUT/OUTPUT 120 VAC, 500 VA

8 EF-4 FAN CONTROL
SCALE: NTS



9 SECURITY CARD READER/DOOR LOCK ROUGH-IN DETAIL
SCALE: NTS

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Southcentral Foundation PCC III Clinic
Anchorage, Alaska

REVISIONS
1. 03-28-2008 RE: ASI-003
2. 04-17-2008 CORRECTIONS PER MOA COMMENTS
3. 04-17-2008 COORDINATION CORRECTIONS

JOB NO.	100179_00
DATE	03-17-2008
DRAWN	ALM
REVIEWED	

SIGAL RISER DIAGRAMS

SHEET NO.
E2.35
E2.35 SIGNAL RISER DIAGRAMS.DWG

CONFORMED DRAWINGS

nbbj
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SOUTHCENTRAL FOUNDATION PCC III

ENVIRONMENTAL GRAPHICS / SIGNAGE SYSTEM

M.O.A. PERMIT SET 03-03-2008

100179.00

SIGN SCHEDULE

Sign Location Number	Sign Type	Message (Side A)	Message (Side B)	Sheet Number	Comments
HIGHLIGHTED ROWS REFER TO BUILDING CORE / CODE ROOM SIGNAGE					
ETERIOR SIGNAGE					
E-001	E01			GR.17	
INTERIOR SIGNAGE (Typical) - LEVEL 1					
1-001	C01			GR.02	
1-002	C02.1			GR.04	
1-003	C05			GR.06	
1-004	C06			GR.07	
1-005	S02			GR.11	
1-006	S02			GR.11	
1-007	S02			GR.11	
1-008	S02			GR.11	
1-009	S04			GR.13	
1-010	S02			GR.11	
1-011	S04			GR.13	
1-012	S06			GR.15	
1-013	S08			GR.16	
1-014	S08			GR.16	
1-015	C09			GR.09	
1-016	C08			GR.08	
1-017	C07 & C08			GR.08	
1-018	S04			GR.13	
1-019	S04			GR.13	
1-020	S04			GR.13	
1-021	S04			GR.13	
1-022	S02			GR.11	
1-023	C05			GR.06	
1-024	S01			GR.10	
1-025	C03 & C04			GR.05	
1-026	C02			GR.03	
1-027	C01			GR.02	
1-028	S01			GR.10	
1-029	S01			GR.10	
1-030	S05			GR.14	
1-031	S05			GR.14	
1-032	C06			GR.07	
1-033	S02			GR.11	
1-034	S02			GR.11	
1-035	S04			GR.13	
1-036	S04			GR.13	
1-037	S04			GR.13	

SIGN SCHEDULE

Sign Location Number	Sign Type	Message (Side A)	Message (Side B)	Sheet Number	Comments
1-038	S04			GR.13	
1-039	S01			GR.10	
1-040	S02			GR.11	
1-041	S04			GR.13	
1-042	S04			GR.13	
1-043	S04			GR.13	
1-044	S04			GR.13	
1-045	S01			GR.10	
1-046	S04			GR.13	
1-047	S04			GR.13	
1-048	S04			GR.13	
1-049	S04			GR.13	
1-050	S04			GR.13	
1-051	S01			GR.10	
1-052	S04			GR.13	
1-053	S03			GR.12	
1-054	S03			GR.12	
1-055	S04			GR.13	
1-056	S07 & S08			GR.16	
1-057	S04			GR.13	
1-058	S03			GR.12	
1-059	S03			GR.12	
1-060	S04			GR.13	
1-061	S03			GR.12	
1-062	S03			GR.12	
1-063	S03			GR.12	
1-064	S03			GR.12	
1-065	S07 & S08			GR.16	
1-066	S03			GR.12	
1-067	S03			GR.12	
1-068	S03			GR.12	
1-069	S04			GR.13	
1-070	S01			GR.10	
1-071	S04			GR.13	
1-072	S04			GR.13	
1-073	S04			GR.13	
1-074	S04			GR.13	
1-075	S04			GR.13	
1-076	S01			GR.10	
1-077	S04			GR.13	
1-078	S04			GR.13	
1-079	S04			GR.13	
1-080	S04			GR.13	
1-081	S04			GR.13	
1-082	S01			GR.10	
1-083	S04			GR.13	
1-084	S04			GR.13	
1-085	S04			GR.13	

SIGN SCHEDULE

Sign Location Number	Sign Type	Message (Side A)	Message (Side B)	Sheet Number	Comments
1-086	S04			GR.13	
1-087	S01			GR.10	
1-088	S01			GR.10	
1-089	S05			GR.14	
1-090	S05			GR.14	
1-091	S04			GR.13	
1-092	S03			GR.12	
1-093	S03			GR.12	
1-094	S03			GR.12	
1-095	S07 & S08			GR.16	
1-096	S03			GR.12	
1-097	S03			GR.12	
1-098	S04			GR.13	
1-099	S04			GR.13	
1-100	S03			GR.12	
1-101	S04			GR.13	
1-102	S03			GR.12	
1-103	S04			GR.13	
1-104	S02			GR.11	
1-105	S04			GR.13	
1-106	S03			GR.12	
1-107	S03			GR.12	
1-108	S07 & S08			GR.16	
1-109	S03			GR.12	
1-110	S03			GR.12	
1-111	S03			GR.12	
1-112	S04			GR.13	
1-113	S03			GR.12	
1-114	S03			GR.12	
1-115	S03			GR.12	
1-116	S03			GR.12	
1-117	S07 & S08			GR.16	
1-118	S04			GR.13	
1-119	S07 & S08			GR.16	
1-120	S03			GR.12	
1-121	S03			GR.12	
1-122	S07 & S08			GR.16	
1-123	S03			GR.12	
1-124	S03			GR.12	
1-125	S04			GR.13	
1-126	S07 & S08			GR.16	
1-127	S02			GR.11	
1-128	S04			GR.13	
1-129	S07 & S08			GR.16	
1-130	S03			GR.12	
1-131	S03			GR.12	
1-132	S03			GR.12	
1-133	S03			GR.12	

SIGN SCHEDULE

Sign Location Number	Sign Type	Message (Side A)	Message (Side B)	Sheet Number	Comments
INTERIOR SIGNAGE (Partial) - LEVEL 2					
2-012	S06			GR.15	
2-013	S08			GR.16	
2-014	S08			GR.16	
2-028	S01			GR.10	
2-029	S01			GR.10	
2-030	S05			GR.14	
2-031	S05			GR.14	
2-056	S07 & S08			GR.16	
2-065	S07 & S08			GR.16	
2-087	S01			GR.10	
2-088	S01			GR.10	
2-089	S05			GR.14	
2-090	S05			GR.14	
2-095	S07 & S08			GR.16	
2-099	S04			GR.13	
2-108	S07 & S08			GR.16	
2-117	S07 & S08			GR.16	
2-118	S04			GR.13	
2-119	S07 & S08			GR.16	
2-126	S07 & S08			GR.16	
2-128	S04			GR.13	
2-129	S07 & S08			GR.16	
INTERIOR SIGNAGE (Partial) - LEVEL 3					
3-012	S06			GR.15	
3-013	S08			GR.16	
3-014	S08			GR.16	
3-028	S01			GR.10	
3-029	S01			GR.10	
3-030	S05			GR.14	
3-031	S05			GR.14	
3-056	S07 & S08			GR.16	
3-065	S07 & S08			GR.16	
3-087	S01			GR.10	
3-088	S01			GR.10	
3-089	S05			GR.14	
3-090	S05			GR.14	
3-095	S07 & S08			GR.16	
3-099	S04			GR.13	
3-108	S07 & S08			GR.16	
3-117	S07 & S08			GR.16	
3-118	S04			GR.13	
3-119	S07 & S08			GR.16	
3-126	S07 & S08			GR.16	
3-128	S04			GR.13	
3-129	S07 & S08			GR.16	

nbbj
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SOUTHCENTRAL FOUNDATION PCC III **ENVIRONMENTAL GRAPHICS / SIGNAGE SYSTEM**

M.O.A. PERMIT SET 03-03-2008

100179.00

SIGN TYPE / QUANTITY LIST

Qty.	Description	Sign Type
1	Exterior Building ID	E01
2	Entry Door Vinyl Graphics	C01
1	West Feature Wall Entry ID	C02
1	East Feature Wall Entry ID	C02.1
1	Primary Corner Directional	C03
1	Emergency Fire Map Housing	C04
6	Reception ID / Directional	C05
6	Formal Reception ID	C06
3	Elevator Directory / Directional	C07
6	Elevator Directional	C08
3	Stair Span Directional	C09
65	Small Directional	S01 / S01.1
40	Basic Room ID	S02
125	Exam Room ID	S03
150	Large ID	S04
16	Stairwell ID / Code Sign	S05
18	Blade Signs Lobby / Restroom / Elevator	S06
24	Blade Restroom Small	S07
16	Restroom Door	S08

PROJECT FONTS

Rotis Semi Sans 55

ABCDEFGHIJKLMNOPQRSTUVWYZ

abcdefghijklmnopqrstuvwxyz

1234567890

Rotis Semi Sans Bold

ABCDEFGHIJKLMNOPQRSTUVWYZ

abcdefghijklmnopqrstuvwxyz

1234567890

Rotis Semi Sans Extra Bold

ABCDEFGHIJKLMNOPQRSTUVWYZ

abcdefghijklmnopqrstuvwxyz

1234567890

MrsEaves Roman

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890

MrsEaves Bold

ABCDEFGHIJKLMNOPQRSTUVWXYZ

abcdefghijklmnopqrstuvwxyz

1234567890

PROJECT ARROW

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South Central Foundation
PCC III Clinic
Anchorage, Alaska

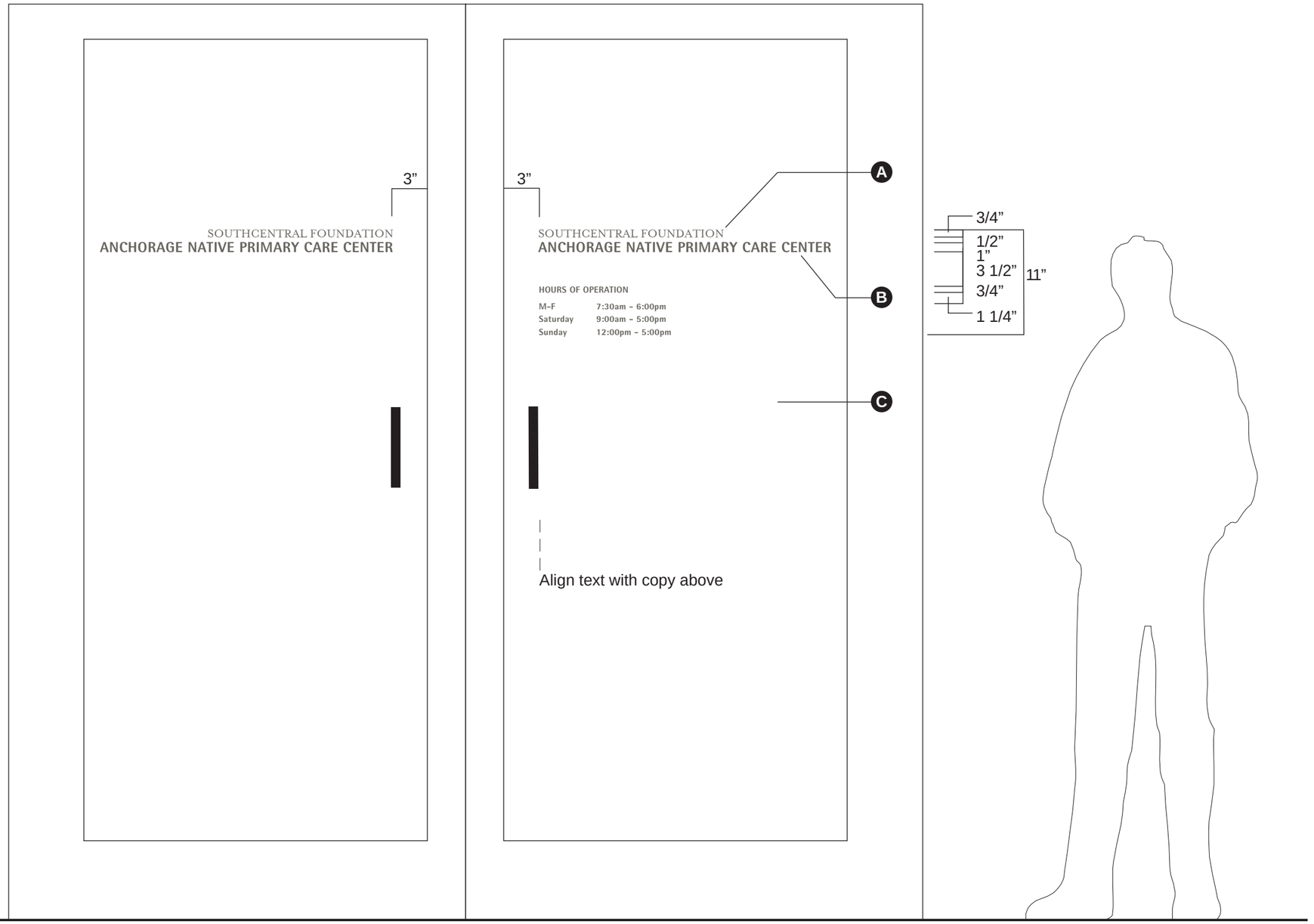
REVISIONS

JOB NO.	100179_00
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

SIGN TYPE / QTY LIST
PROJECT FONTS
PROJECT ARROW

SHEET NO.
GR.01

M.O.A. PERMIT SET 03-03-2008



ENTRY DOOR VINYL GRAPHICS
Sign Type: C01

ELEVATION:
Scale: 1” = 1’- 0”

FABRICATION NOTES:

A Subsurface applied vinyl graphics. Vinyl color to be 3M “Fawn” #7725-90.
Font: Mrs Eaves Bold.

B Subsurface applied vinyl graphics. Vinyl color to be 3M “Fawn” #7725-90.
Font: Rotis Semi Sans Extra Bold.

C Existing glass doors.

GENERAL NOTES:

Fabricator verify all dimensions and mounting conditions in the field.

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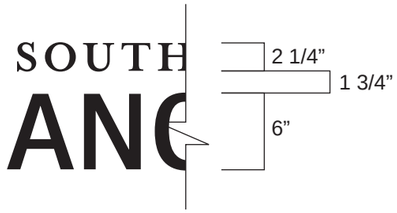
South Central Foundation
PCC III Clinic
Anchorage, Alaska

REVISIONS

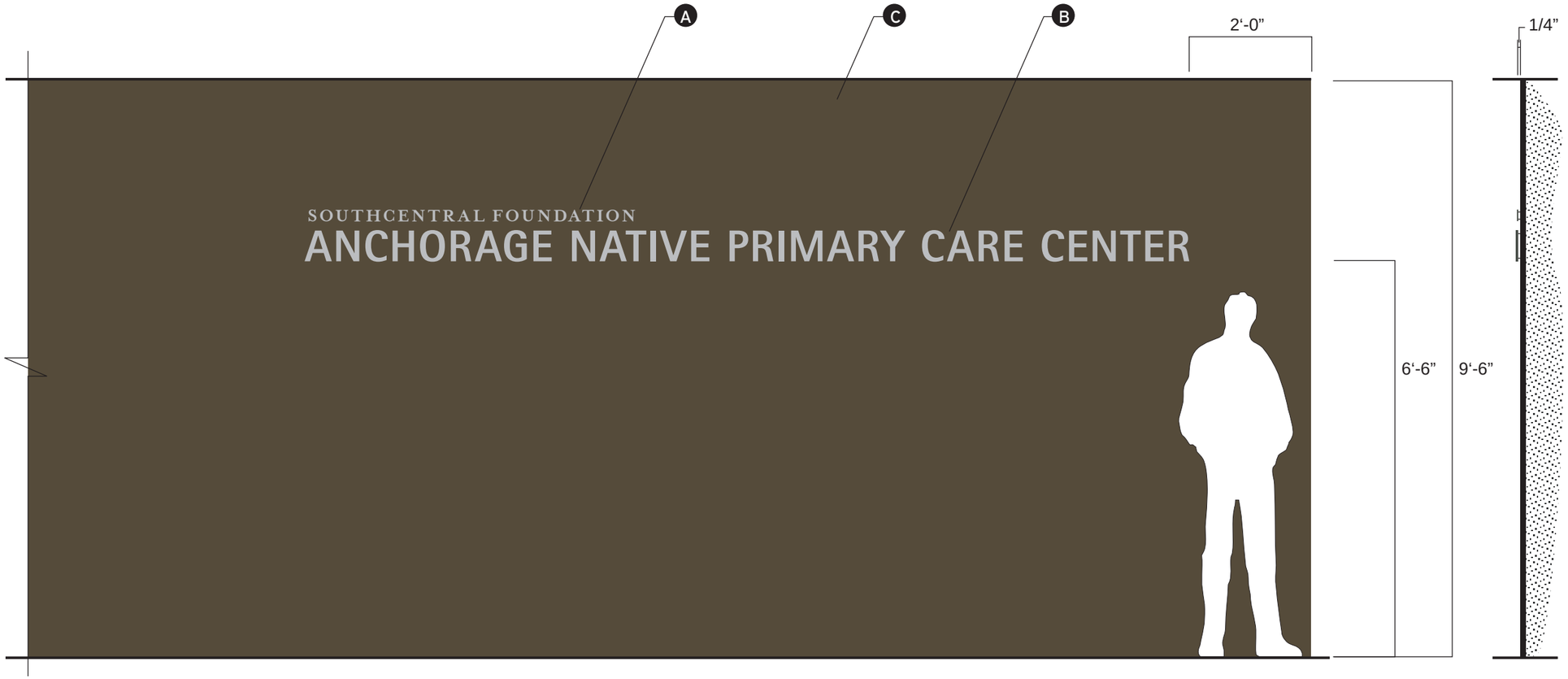
JOB NO.	100179_00
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

SIGN TYPE C01
ENTRY DOOR VINYL GRAPHICS

SHEET NO.
GR.02



DETAIL ELEVATION
Scale: 1” = 1’- 0”



WEST FEATURE WALL ENTRY ID
Sign Type: C02

ELEVATION
Scale: 1/2” = 1’- 0”

SIDE VIEW
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/8” thick, acrylic dimensional letters. Letters to be sanded, primed and painted to match PMS Cool Gray 5C. Pin mounted 1/4” from wall with spacers painted to match. Font: Mrs Eaves Bold.

B 3/4” thick, acrylic dimensional letters. Letters to be sanded, primed and painted to match PMS Cool Gray 5C. Pin mounted 1/4” from wall with spacers painted to match. Font: Rotis Semi Sans Extra Bold.

C Existing gyp wall painted in dark brown by other.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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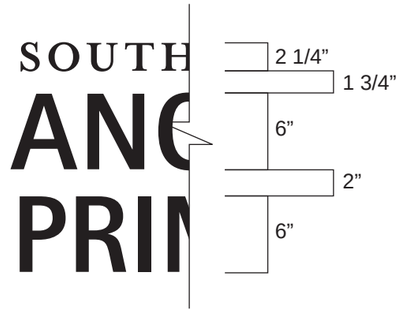
Anchorage, Alaska

REVISIONS

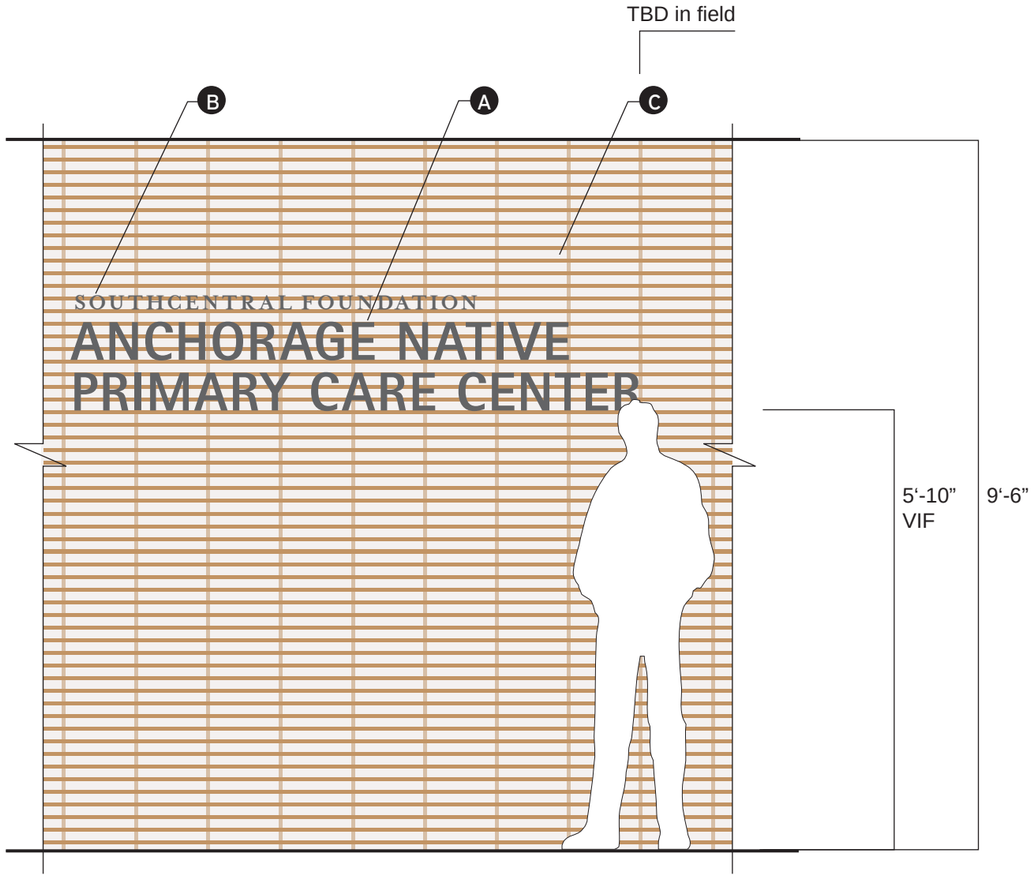
JOB NO.	100179_00
DATE	2/21/2008
DRAWN	SK
REVIEWED	KB

SIGN TYPE C02
WEST FEATURE WALL ENTRY ID

SHEET NO.
GR.03

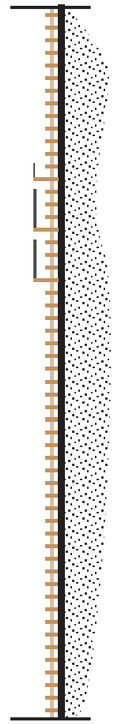


DETAIL
Scale: 1” = 1’- 0”



EAST FEATURE WALL ENTRY ID
Sign Type: C02.1

ELEVATION
Scale: 1/2” = 1’- 0”



SIDE VIEW
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/4” thick, acrylic dimensional letters. Letters to be sanded, primed, and painted to match PMS Cool Gray 10. Baseline mounted on anigre wood slat with no visible fasteners on face of letters or leading edge of wood. Letters to be water-jet cut with horizontal connection at base to provide rigidity.

B 3/8” thick, acrylic dimensional letters. Letters to be sanded, primed, and painted to match PMS Cool Gray 10. Baseline mounted on anigre wood slat with no visible fasteners on face of letters or leading edge of wood. Letters to be water-jet cut with horizontal connection at base to provide rigidity.

C Aluminum channel painted to match letters mounted as shown to provide support and fastening for text. Names to be interchangeable but mechanically fastened for stability.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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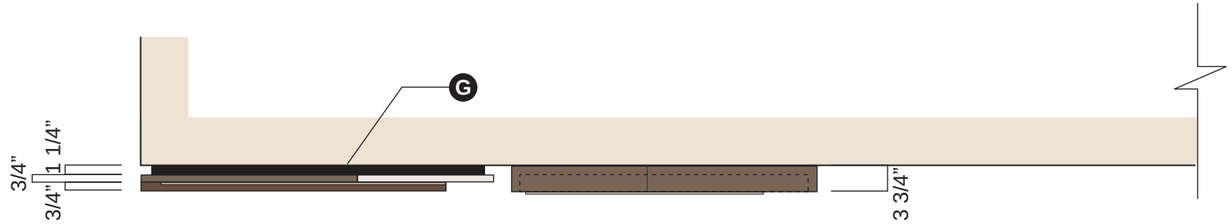
REVISIONS

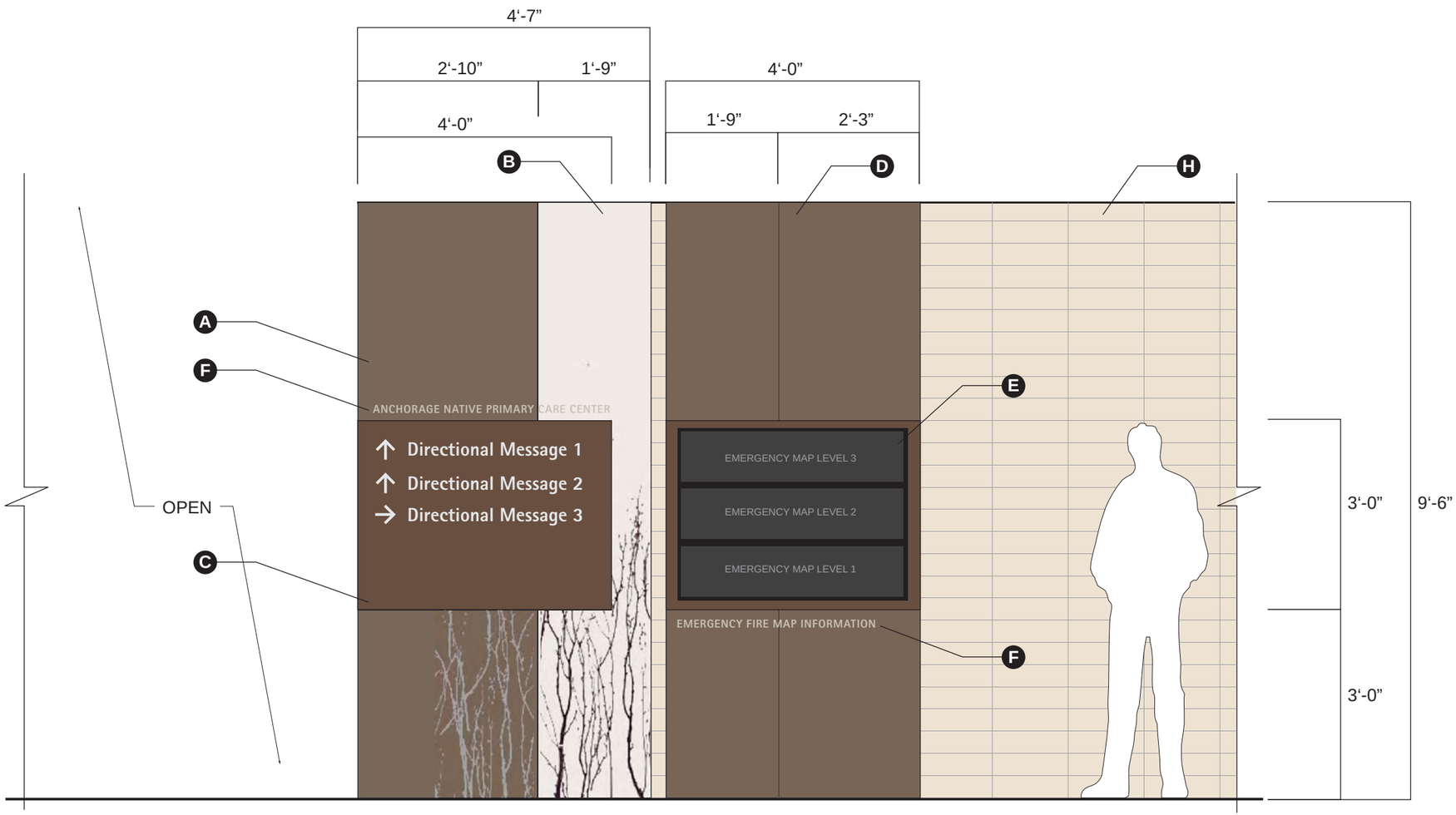
JOB NO.	100179_50
DATE	2/21/2007
DRAWN	SK
REVIEWED	kb

SIGN TYPE C02.1
EAST FEATURE WALL ENTRY ID

SHEET NO.
GR.04

M.O.A. PERMIT SET 03-03-2008





PRIMARY CORNER DIRECTIONAL
Sign Type: C03

ELEVATION
Scale: 1/2” = 1’- 0”

EMERGENCY FIRE MAP HOUSING
Sign Type: C04

ELEVATION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/4“ thick, red cedar wood panel. Panel to have stencilled and painted graphics on the first surface. Imagery to appear continuous from panel to panel.

B 3/4” thick, non-glare clear acrylic panel with sanded edges. Panel to have a second surface digital print of imagery and opaque white background.

C 1“ thick, fabricated aluminum message panel with surface applied vinyl graphics. Panel to be removeable and have no visible fasteners on the face. Panel painted to match PMS Cool Gray 10C. Vinyl color to be 3M “Fawn” #7725-90. Font: Rotis Semi Sans Extra Bold.

D Fabricated red cedar wood housing with a 2 panel butt-seam face. Housing to contain LED/Fire Map display. Fabrictor to coordinate actual display dimensions for interior structure and attachment requirements.

E LED/Fire Map display NIC.

F 3/8” thick, acrylic dimensional letters. Letters to be sanded, primed and painted to match PMS Cool Gray 5C. Font: Rotis Sans Serif Extra Bold.

G MDF backing support structure that provides fastening to wall and fastening backer for face panels. MDF support painted matte black and held in from the edges of all face panels.

H Existing brick wall.

GENERAL NOTES:

Painted materials are painted with MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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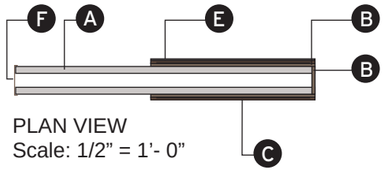
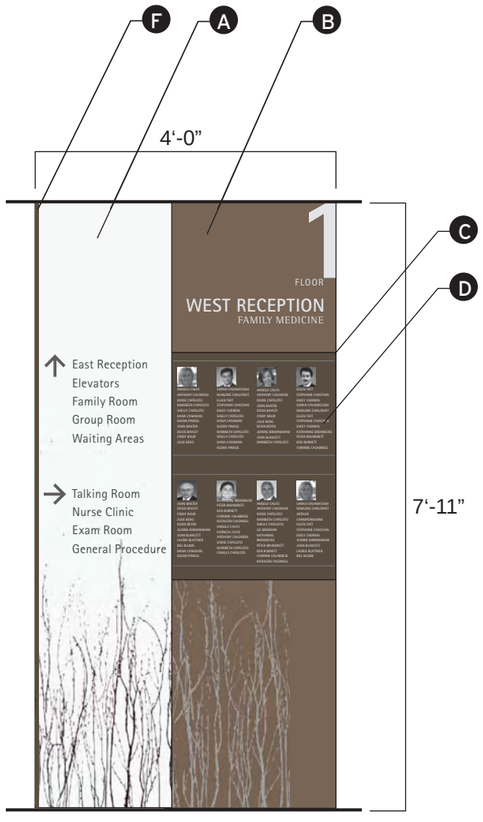
JOB NO. 100179_00
DATE 2/21/2008
DRAWN SK
REVIEWED kb

SIGN TYPE C03
PRIMARY CORNER DIRECTIONAL MAP
SIGN TYPE C04
EMERGENCY FIRE MAP HOUSING

SHEET NO.
GR.05

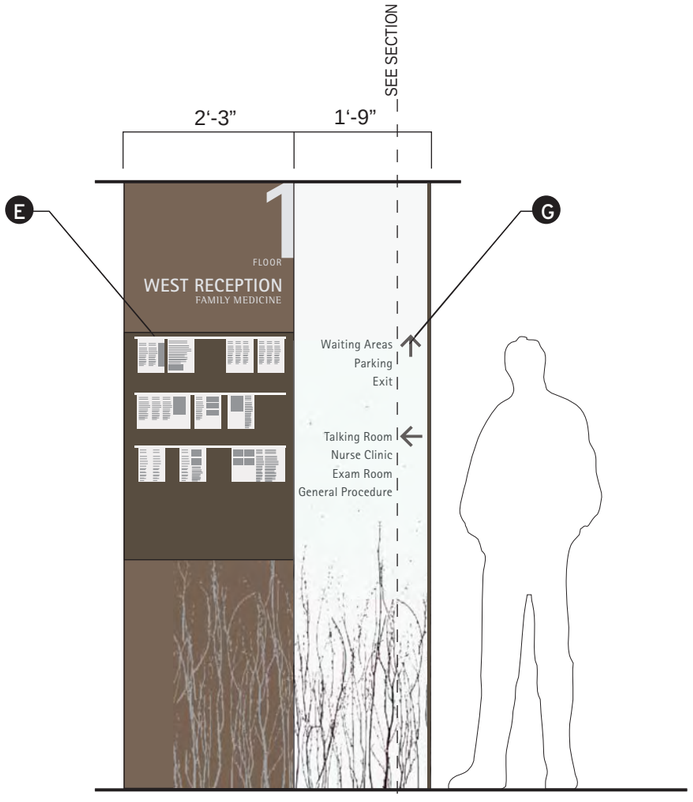


PLAN VIEW
Scale: 1/2” = 1’- 0”



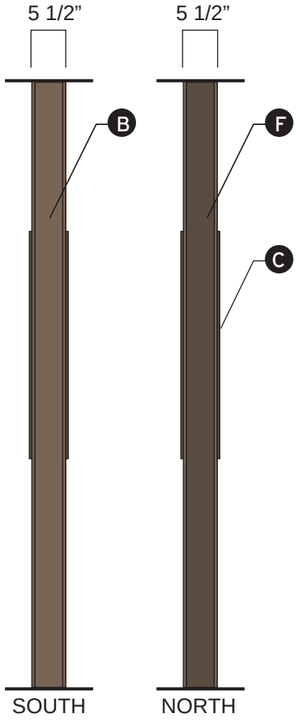
RECEPTION ID / DIRECTIONAL (FACING WEST)
Sign Type: C05

ELEVATION
Scale: 1/2” = 1’- 0”

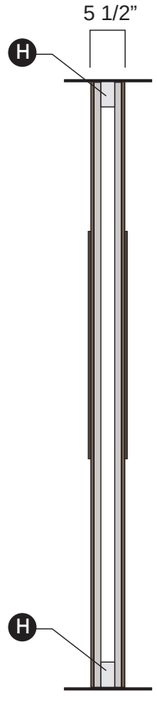


RECEPTION ID / DIRECTIONAL (FACING EAST)

ELEVATION
Scale: 1/2” = 1’- 0”



SIDE VIEW
Scale: 1/2” = 1’- 0”



SECTION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 1“ thick, 3Form resin panel with 3M “Dusted Crystal” #7725SE-314 vinyl film on the 2nd surface. Resin is “Birch Grove” standard product.

B 3/4“ thick, red cedar wood panel. Panel to have stencilled and painted text and graphics on the first surface. Imagery to appear continuous from panel to panel. Wood to wrap one end of directional to appear continuous from face to face.

C 1“ thick, fabricated aluminum message panel with surface applied vinyl graphics. Panel to be removeable and have no visible fasteners on the face. Panel painted to match PMS Cool Gray 10C. Vinyl color to be 3M “Fawn” #7725-90.

D Non-glare clear acrylic, top loading insert pockets (qty. 2, to span width of panel) to house up to 8 care team photos and name lists (4 each across). Information printed on clear acetate.

E Aluminum note bar to span width of panel. Note bar to have ability to hold sheets of paper as shown. Product produced by ASI Sign Manufacturing.

F Aluminum ‘C’ Channel to wrap one end of directional and provide structural support for unit. Channel to be painted to match **C** .

G Surface applied 3M “Deep Mahogany Brown” #7725-19 vinyl graphics.

H Horizontal LED light channel to span width of directional at top and bottom. LED to provide white, warm internal illumination.

GENERAL NOTES:

Fabricator to provide mounting methods to secure directional to floor and ceiling. Unit to appear to die into both.

Painted materials are painted with MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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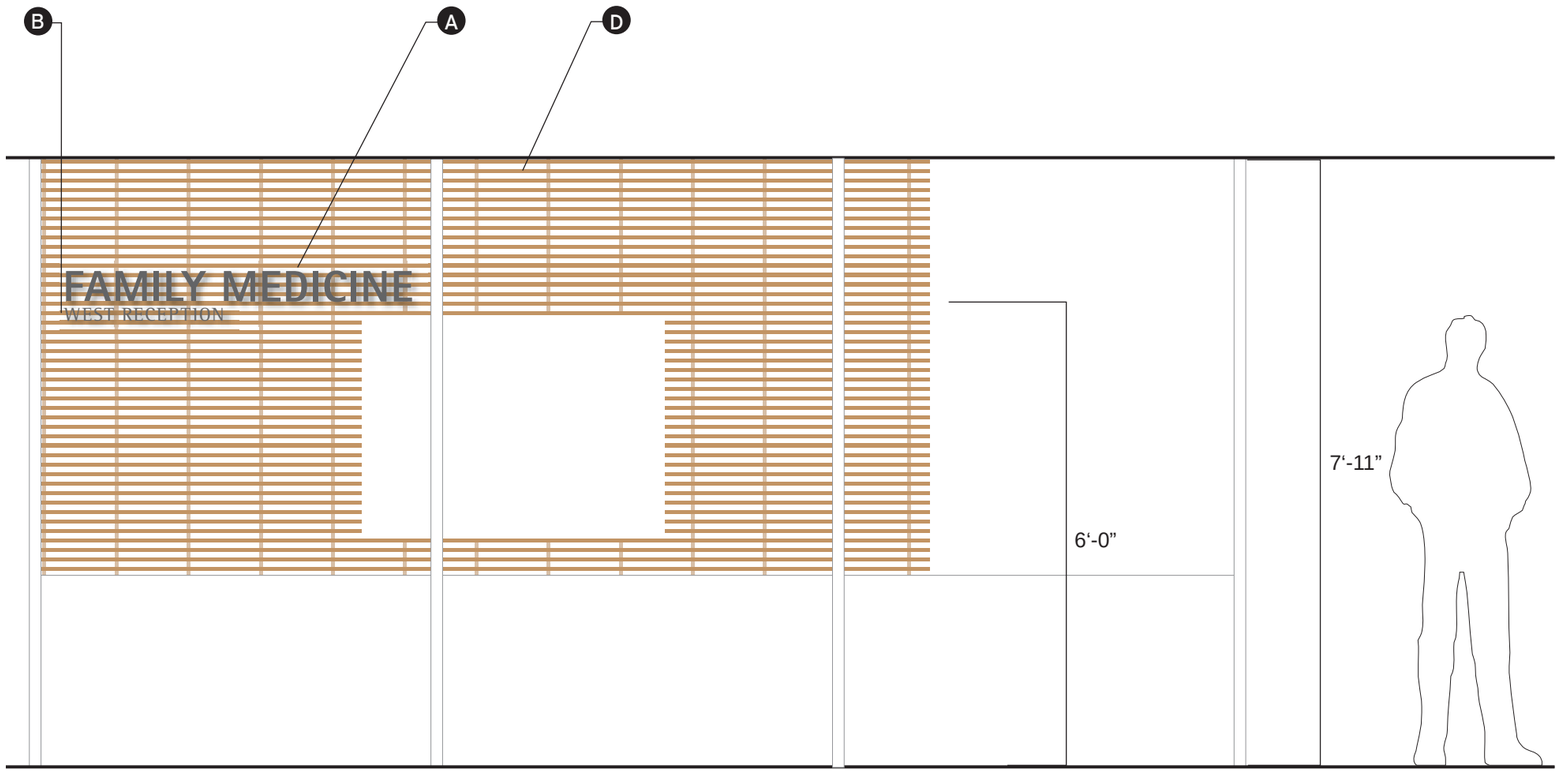
JOB NO. 100179_00
DATE 2/21/2008
DRAWN SK
REVIEWED kb

SIGN TYPE C05
RECEPTION ID / DIRECTIONAL

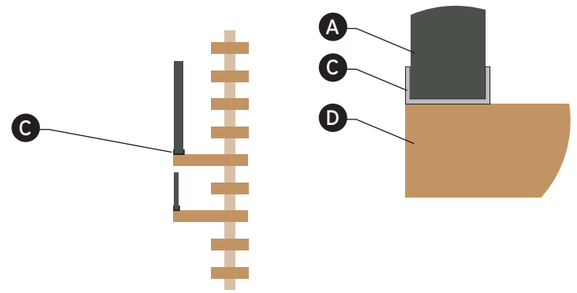
SHEET NO.
GR.06



FORMAL RECEPTION ID (Typical letter amount shown)
Sign Type: C06

ELEVATION (level 1)
Scale: 1/2” = 1’- 0”

DETAIL
Scale: 1 1/2” = 1’- 0”



SIDE VIEW
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/4” thick, acrylic dimensional letters. Letters to be sanded, primed, and painted to match PMS Cool Gray 10 C. Baseline mounted on anigre wood slat with no visible fasteners on face of letters or leading edge of wood. Letters to be water-jet cut with horizontal connection at base to provide rigidity and ability to slide into channel holder on the anigre wood slat.

B 3/8” thick, acrylic dimensional letters. Letters to be sanded, primed, and painted to match PMS Cool Gray 10 C. Baseline mounted on anigre wood slat with no visible fasteners on face of letters or leading edge of wood. Letters to be water-jet cut with horizontal connection at base to provide rigidity and ability to slide into channel holder on the anigre wood slat.

C Aluminum channel painted to match letters mounted as shown to provide support and fastening for text. Names to be interchangeable but mechanically fastened for stability.

D Existing Anigre wood slat wall provided by others.

GENERAL NOTES:

Painted materials are painted with MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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DATE	2/21/2008
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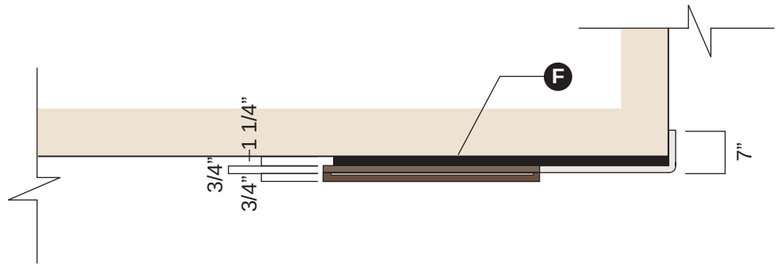
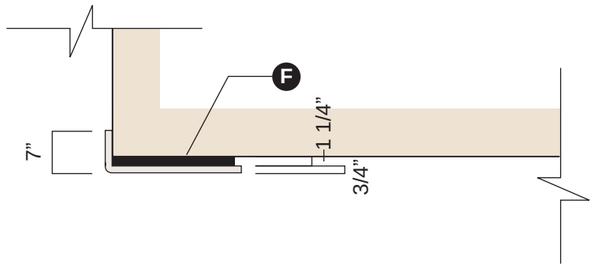
SIGN TYPE C06
FORMAL RECEPTION ID

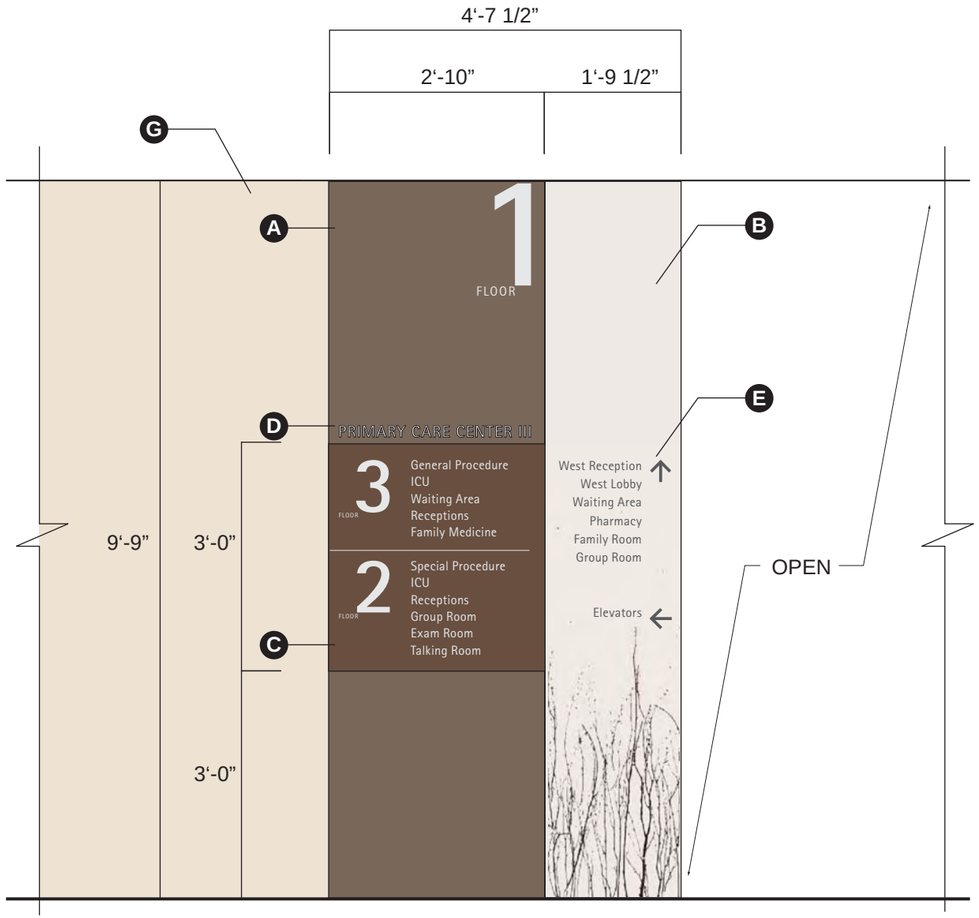
SHEET NO.
GR.07



PLAN VIEW
Scale: 1/2” = 1’- 0”

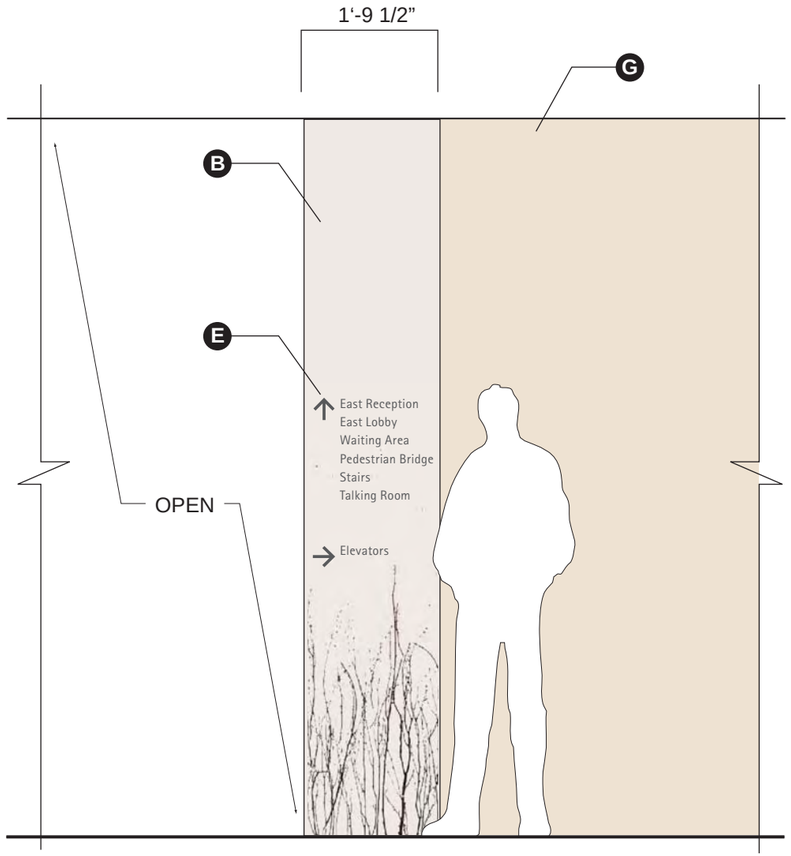


PLAN VIEW
Scale: 1/2” = 1’- 0”



ELEVATOR DIRECTORY / DIRECTIONAL
Sign Type: C07

ELEVATION
Scale: 1/2” = 1’- 0”



ELEVATOR DIRECTIONAL
Sign Type: C08

ELEVATION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/4“ thick, red cedar wood panel. Panel to have stencil and painted graphics on the first surface.

B 3/4” thick, non-glare clear acrylic panel with sanded edges. Panel to have a second surface digital print of imagery and opaque white background. Panel to wrap corner as shown.

C 1“ thick, fabricated aluminum message panel with surface applied vinyl graphics. Panel to be removeable and have no visible fasteners on the face. Panel painted to match PMS Cool Gray 10C. Vinyl color to be 3M “Fawn” #7725-90. Font: Rotis Semi Sans Extra Bold.

D 3/8” thick, acrylic dimensional letters. Letters to be sanded, primed and painted. Color TBD. Font: Rotis Sans Serif Bold. PMS Cool Gray 5C. Font: Rotis Sans Serif Extra Bold.

E Surface applied 3M “Deep Mahogany Brown” #7725-19 vinyl graphics.

F MDF backing support structure that provides fastening to wall and fastening backer for face panels. MDF support painted matte black and held in from the edges of all face panels.

G Existing gyp wall.

GENERAL NOTES:

Painted materials are painted with MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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REVIEWED	kb

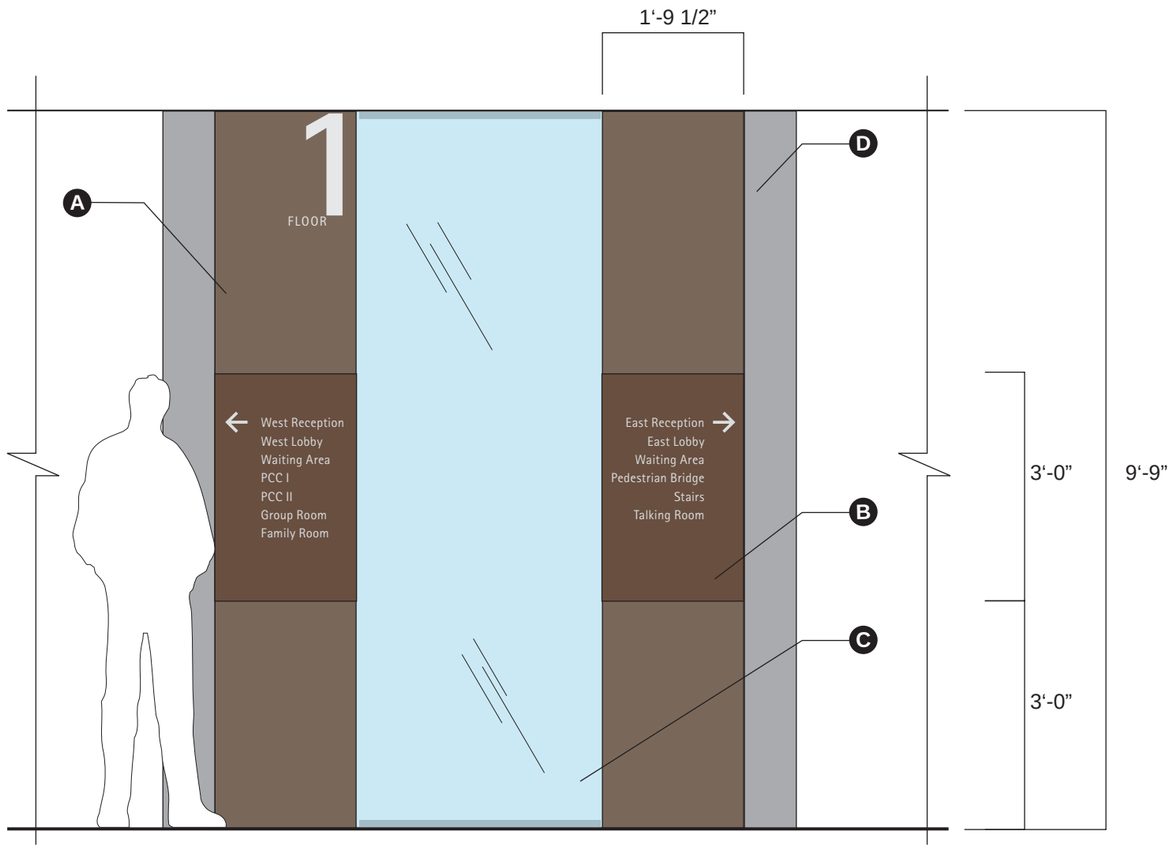
SIGN TYPE C07
ELEVATOR DIRECTORY / DIRECTIONAL
SIGN TYPE C08
ELEVATOR DIRECTIONAL

SHEET NO.
GR.08

M.O.A. PERMIT SET 03-03-2008

PLAN VIEW
Scale: 1/2” = 1’- 0”

PLAN VIEW
Scale: 1/2” = 1’- 0”



STAIR SPAN DIRECTIONAL
Sign Type: C09

ELEVATION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 3/4“ thick, red cedar wood panel. Panel to have stencilled and painted graphics on the first surface.

B 1“ thick, fabricated aluminum message panel with surface applied vinyl graphics. Panel to be removeable and have no visible fasteners on the face. Panel painted to match PMS Cool Gray 10C. Vinyl color to be 3M “Fawn” #7725-90. Font: Rotis Semi Sans Extra Bold.

C 3/4” thick, non-glare clear acrylic panel with polished edges. Panel sandblasted to match stair rails. Held in place by a top and bottom horizontal angle bracket and butt seamed together. Panel to have 3M “Dusted Crystal” #7725SE-314 vinyl film on the 2nd surface.

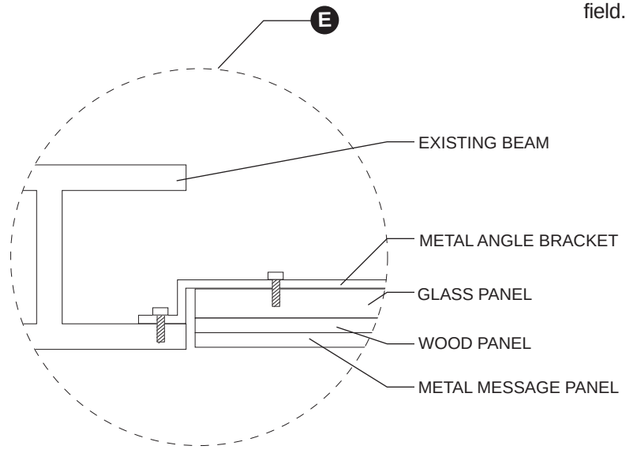
D Existing structural beams.

E Fabricator to detail horizontal metal bracing at top and bottom to existing beams and acrylic panels. Wood panels to be surface applied to acrylic.

GENERAL NOTES:

Painted materials are painted with MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.



DETAIL
Scale: NTS

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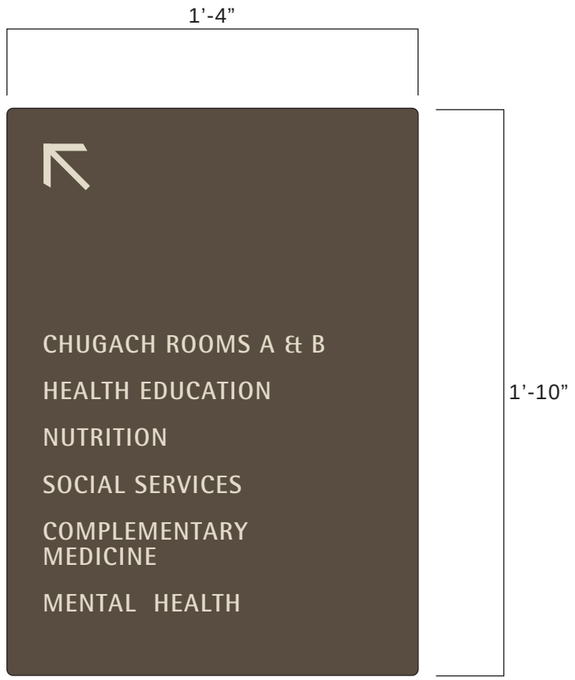
DATE 2/21/2008
DRAWN SK
REVIEWED kb

SIGN TYPE C09

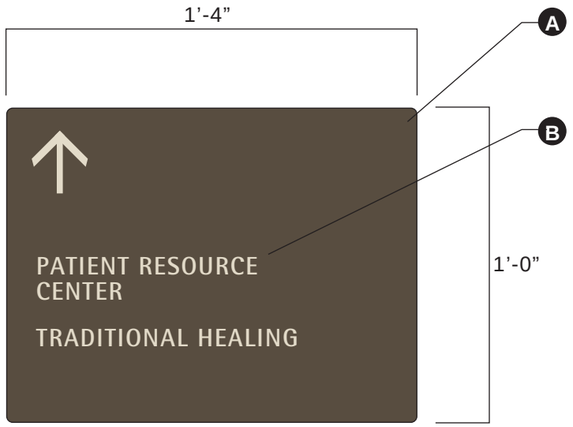
SHEET NO.
GR.09

M.O.A. PERMIT SET 03-03-2008



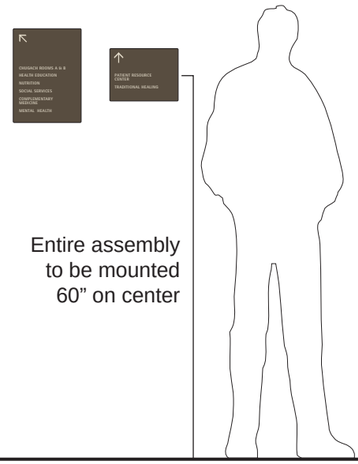
SMALL DIRECTIONAL
Sign Type: S01

GRAPHIC LAYOUT
Scale: 3” = 1’- 0”



SMALL DIRECTIONAL
Sign Type: S01.1

GRAPHIC LAYOUT
Scale: 3” = 1’- 0”



SMALL DIRECTIONAL
Sign Types: S01 / S01.1

MOUNTING ELEVATION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 1/2” thick, acrylic sign plaque. Plaque to be sanded, primed and painted. Plaque painted to match PMS Cool Gray 10C. Sign mounted flush to wall with VHB tape and epoxy.

B Surface applied vinyl graphics. Vinyl color to be 3M “Fawn” #7725-90.
Font: Rotis Semi Sans Bold.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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REVISIONS

JOB NO.	100179_00
DATE	2/21/2008
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REVIEWED	MI

SIGN TYPE S01
SMALL DIRECTIONAL
SIGN TYPE S01.1
SMALL DIRECTIONAL

SHEET NO.
GR.10

FABRICATION NOTES:

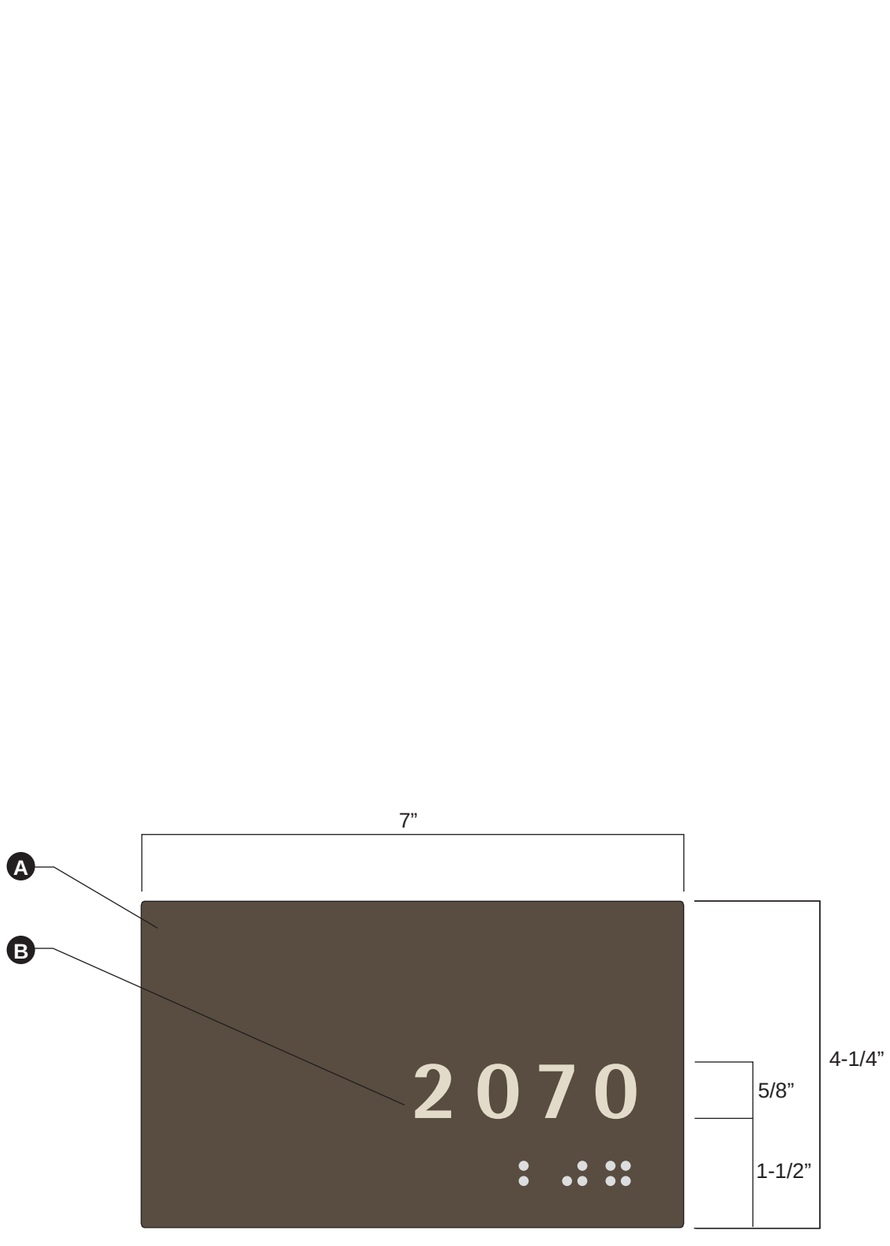
A 1/4” thick, acrylic sign plaque. Plaque to be sanded, primed and painted. Panel painted to match PMS Cool Gray 10C. Sign mounted to 1/16” thick, undersized black acrylic backer. Assembly mounted flush to wall with VHB tape and epoxy.

B 1/32” tactile messaging permanently applied to sign face. With clear Grade II bead Braille message equivalent. Tactile lettering to match color of vinyl color 3M “Fawn” #7725-90. Font: Rotis Semi Sans Extra Bold.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.



BASIC ROOM ID
Sign Type: S02

GRAPHIC LAYOUT
Scale: 6” = 1’- 0”

SIDE VIEW
Scale: 6” = 1’- 0”

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JOB NO.	100179_00
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

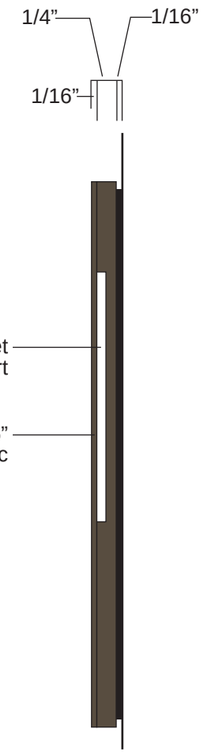
SIGN TYPE S02
BASIC ROOM ID (HORIZONTAL)
SIGN TYPE S02.1
BASIC ROOM ID (VERTICAL)

SHEET NO.
GR.11

M.O.A. PERMIT SET 03-03-2008

EXAM ROOM ID
Sign Type: S03

GRAPHIC LAYOUT
Scale: 6” = 1’- 0”



SIDE VIEW
Scale: 6” = 1’- 0”

FABRICATION NOTES:

A Composite sign with clear acrylic window for acetate insert to show through.

1/4” thick, acrylic sign plaque. Pocket for insert to be cleanly routed out of plaque as shown. Plaque to be sanded, primed and painted. Face and returns painted with insert window masked off. Panel painted to match PMS Cool Gray 10C. Sign assembly to appear as one solid piece and not a build up.

Sign mounted to 1/16” thick, undersized black acrylic backer. Assembly mounted flush to wall with VHB tape and epoxy.

B Vinyl lettering surface applied. Color to be 3M “Fawn” #7725-90.
Font: Rotis Semi Sans Bold

C 1/32” tactile messaging permanently applied to sign face. With clear Grade II bead Braille message equivalent. Tactile lettering to match color of vinyl color 3M “Fawn” #7725-90.
Font: Rotis Semi Sans Extra Bold.

D Laser-printed acetate name insert.
Font: Rotis Semi Sans 55

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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JOB NO.	10017900
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

SIGN TYPE S03
EXAM ROOM ID (HORIZONTAL)

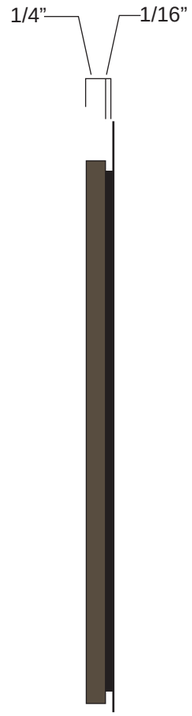
SIGN TYPE S03.1
EXAM ROOM ID (VERTICAL)

SHEET NO.
GR.12

M.O.A. PERMIT SET 03-03-2008

LARGE ROOM ID
Sign Type: S04

GRAPHIC LAYOUT
Scale: 6” = 1’- 0”



SIDE VIEW
Scale: 6” = 1’- 0”

FABRICATION NOTES:

A 1/4” thick, acrylic sign plaque. Plaque to be sanded, primed and painted. Panel painted to match PMS Cool Gray 10C. Sign mounted to 1/16” thick, undersized black acrylic backer. Assembly mounted flush to wall with VHB tape and epoxy.

B 1/32” tactile messaging permanently applied to sign face. With clear Grade II bead Braille message equivalent. Tactile lettering to match color of vinyl color 3M “Fawn” #7725-90. Font: Rotis Semi Sans Extra Bold.

C Vinyl lettering surface applied. Color to be 3M “Fawn” #7725-90.
Font: Rotis Semi Sans Bold

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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Office (907) 276-1058 Fax (907) 276-8533

South Central Foundation
PCC III Clinic
Anchorage, Alaska

REVISIONS

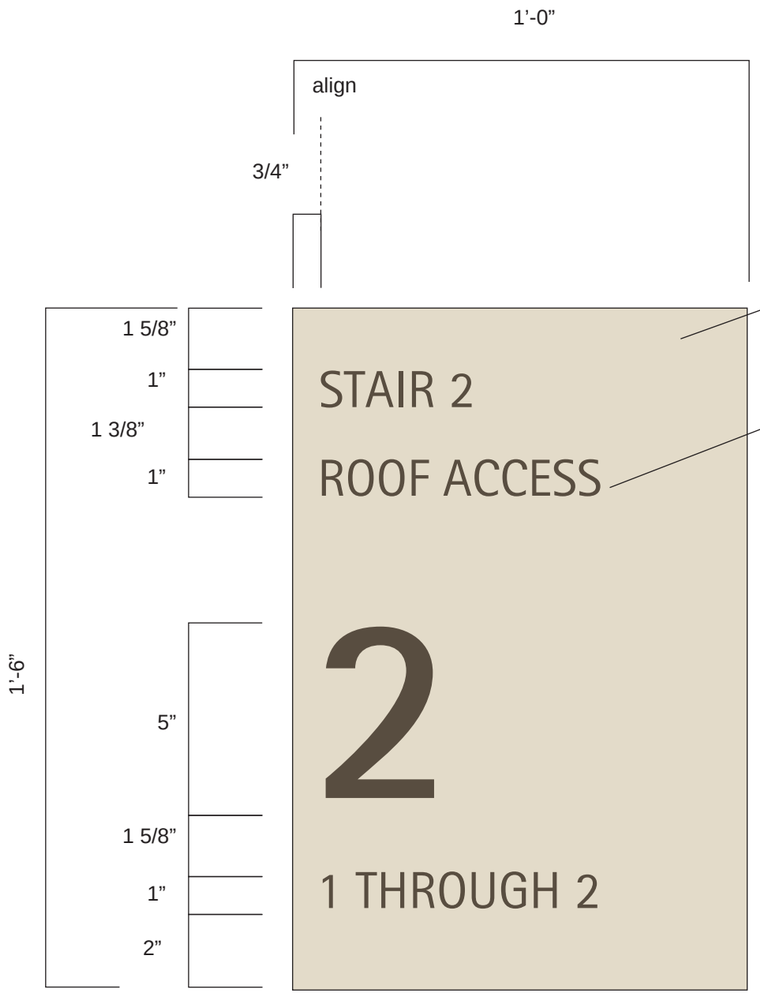
JOB NO.	100179_00
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

SIGN TYPE S04
LARGE ROOM ID (HORIZONTAL)

SIGN TYPE S04.1
LARGE ROOM ID (VERTICAL)

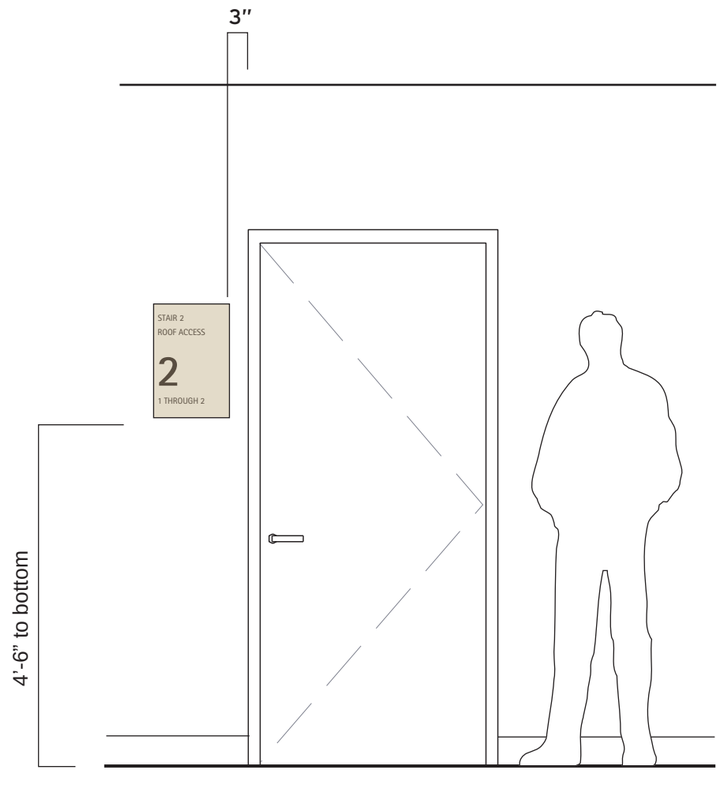
SHEET NO.
GR.13

M.O.A. PERMIT SET 03-03-2008



STAIRWELL ID / CODE SIGN
Sign Type: S05

ELEVATION
Scale: 3” = 1’- 0”



TYPICAL MOUNTING
Sign Type: S05

ELEVATION
Scale: 1/2” = 1’- 0”

FABRICATION NOTES:

A 1/4” thick, acrylic sign plaque. Plaque to be sanded, primed and painted. Panel painted to match “Fawn” vinyl color. Sign mounted to 1/16” thick, undersized black acrylic backer. Assembly mounted flush to wall with VHB tape and epoxy.

B Vinyl lettering surface applied. Color to be 3M “Deep Mahogany Brown” #7725-19.
Font: Rotis Semi Sans 55

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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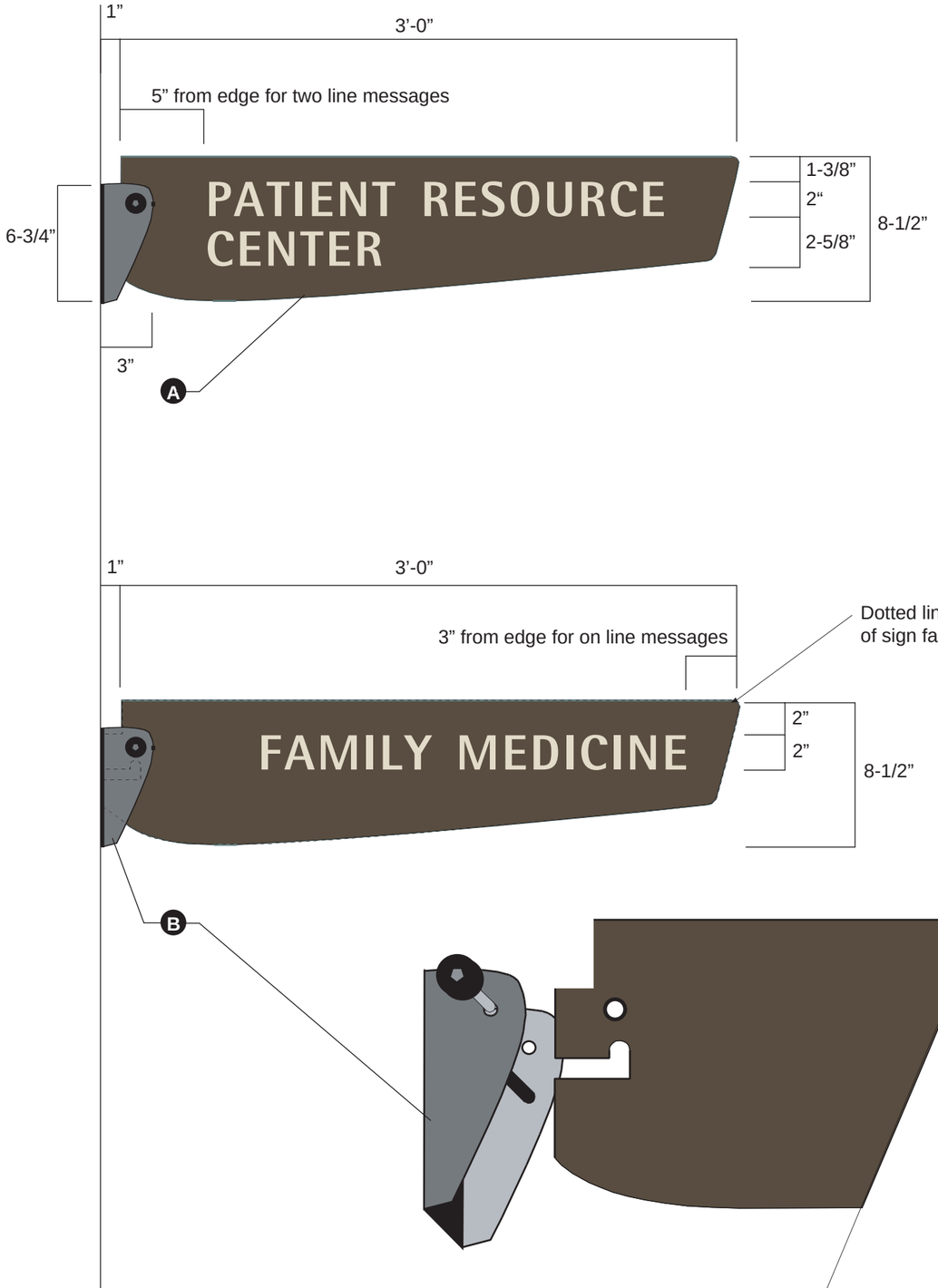
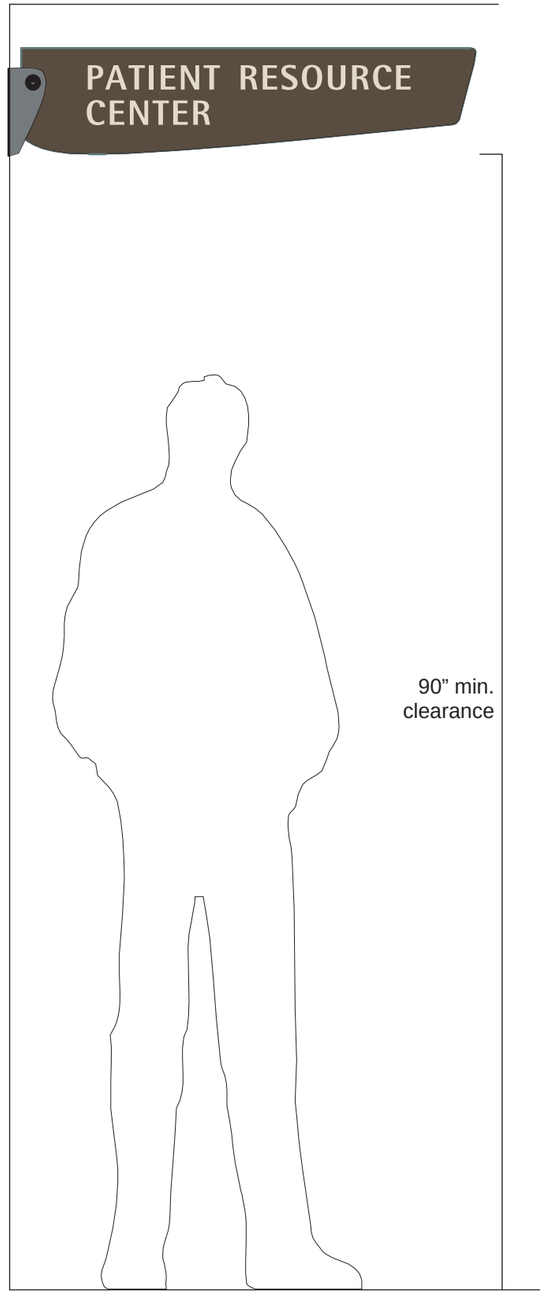
SIGN TYPE S05
STAIRWELL ID / CODE SIGN

SHEET NO.
GR.14



BLADE SIGN LOBBY / RESTROOM / ELEVATOR
Sign Type: S06

GRAPHIC LAYOUT AND MOUNTING
Scale: NTS



BLADE SIGN LOBBY / RESTROOM / ELEVATOR
Sign Type: S06

MOUNTING ELEVATION
Scale: 1” = 1’- 0”

FABRICATION NOTES:

A 3/4” thick sintra base sign face with applied graphics. Edges are filled, sanded, and painted with coordinating color match. Sign face shape is trapezoidal, with radius corners. Panel painted to match PMS Cool Gray 10C.

Vinyl lettering surface applied. Color to be 3M “Fawn” #7725-19.
Font: Rotis Semi Sans Extra Bold

B 1/4” thick aluminum bracket channel, painted and coated with satin clear coat. Assembly with socket head cap screw and hex nuts and flat washers, black. Weld horizontal rod to inside of channel for additional support. Sign face to be notched and flush mounted against channel.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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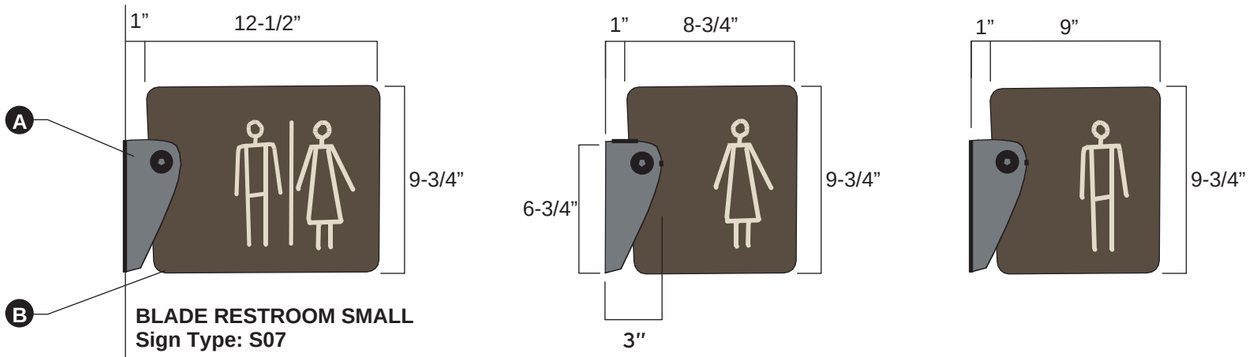
REVIEWED	kb

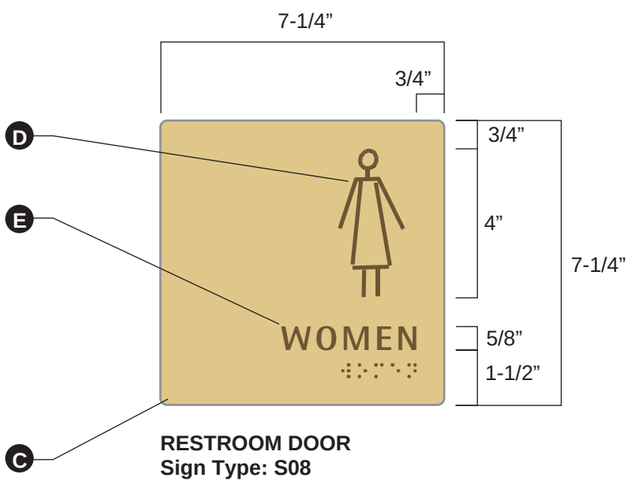
SIGN TYPE S06
BLADE SIGNS LOBBY / RESTROOM / ELEVATOR

SHEET NO.
GR.15



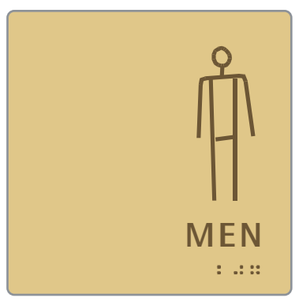
BLADE RESTROOM SMALL
Sign Type: S07

GRAPHIC LAYOUT / MOUNTING
Scale: NTS



RESTROOM DOOR
Sign Type: S08

GRAPHIC LAYOUT
Scale: 3” = 1’- 0”



GRAPHIC LAYOUT
Scale: 3” = 1’- 0”

FABRICATION NOTES:

A 1/4” thick, aluminum bracket channel, painted and coated with satin clear coat. Assembly with socket head cap screw and hex nuts and flat washers, black. Weld horizontal rod to inside of channel for additional support. Sign face to be notched and flush mounted against channel.

B 3/4” thick sintra base sign face painted. Edges are filled, sanded and painted. Sign face shape is trapezoidal with radius corners and surface applied vinyl graphics.Panel painted to match PMS Cool Gray 10C. Vinyl color to be 3M “Fawn” #7725-19.

C 1/4” thick, acrylic sign plaque. Plaque to be sanded, primed and painted. Panel painted to match the “Fawn” vinyl color. Sign mounted to 1/16” thick, undersized black acrylic backer. Assembly mounted flush to wall with VHB tape and epoxy.

D Vinyl graphics surface applied. Color to be 3M “Deep Mahogany Brown” #7725-19.

E 1/32” tactile messaging permanently applied to sign face. With clear Grade II bead Braille message equivalent. Tactile lettering to match color of vinyl 3M “Deep Mahogany Brown” #7725-19.
Font: Rotis Semi Sans Extra Bold.

GENERAL NOTES:

Paint to be MAP, satin finish to match specified color.

Fabricator verify all dimensions and mounting conditions in the field.

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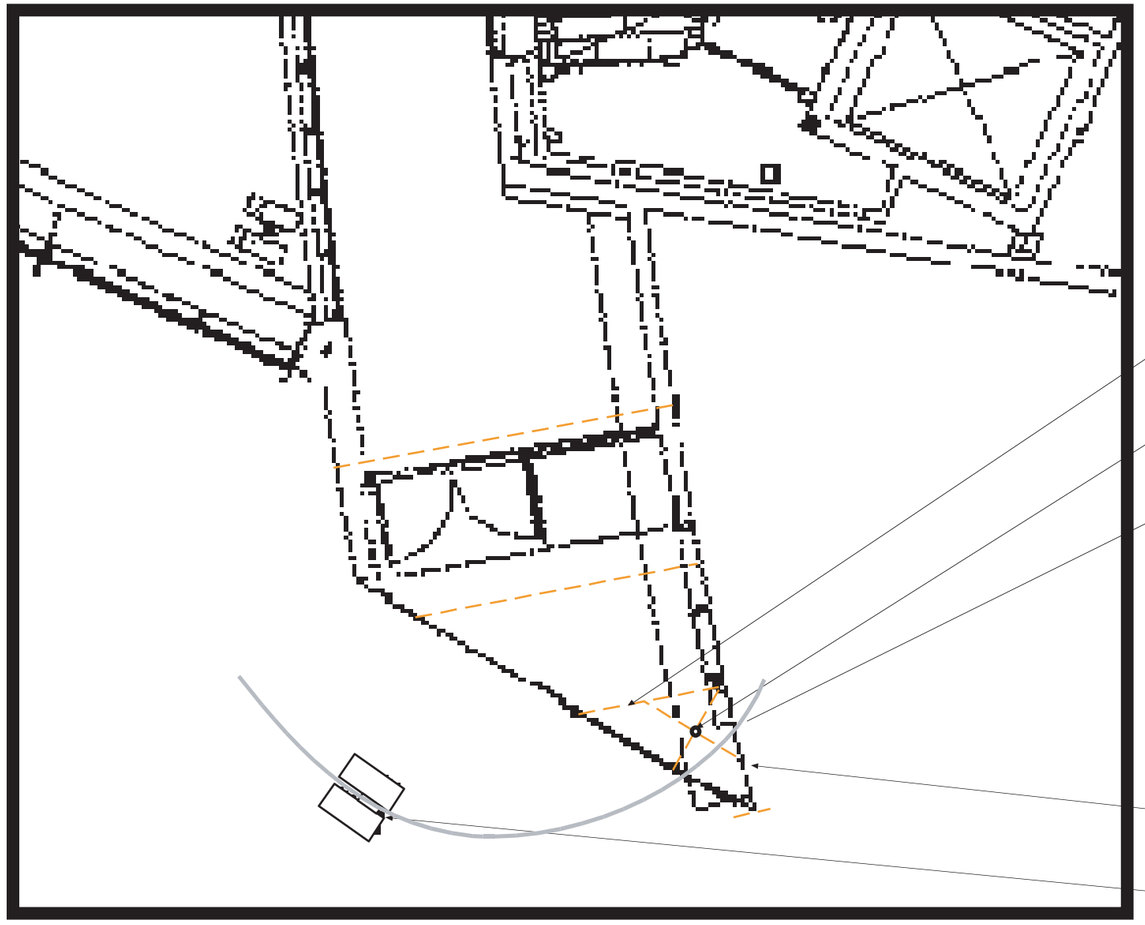
DATE	2/21/2008
DRAWN	SK
REVIEWED	kb

SIGN TYPE S07
BLADE RESTROOM SMALL
SIGN TYPE S08
RESTROOM DOOR

SHEET NO.
GR.16



Existing steel framing for vestibule

Existing 2-1/2" dia. x 36" pipe support,
flange mounted to metal deck

15' nominial radiused sign cabinet
to intersect column support
Note:
Signs S-001 and S-002 are to be surveyed in the field prior to fabrication. Each sign may require adjustment to the radius of the structure and support as well as the sign position.

Refer to detail 5 & 11 on sheet S&C A8.12 for fascia/soffit detail of the North and South Vestibule

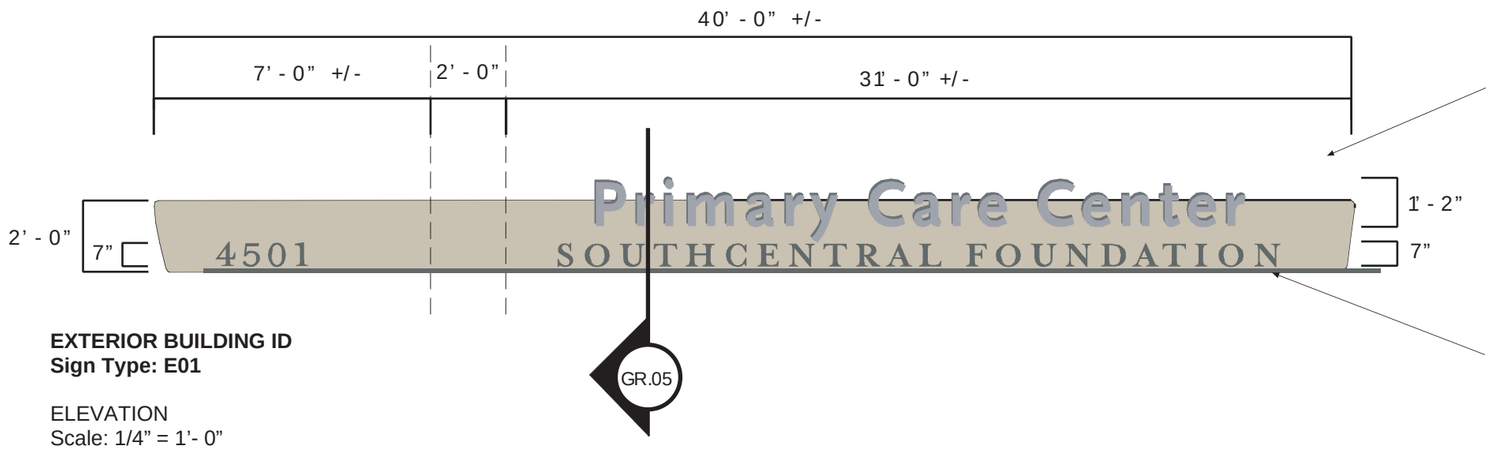
Cut-out silhouette letters and raceway support

Sign structure to butt against column and give the appearance that it penetrates the column.
Structural calulations will be required by sign fabricator.

PLAN
Sign Type: E01

Scale: 3/16" = 1'- 0"

SIGNAGE FABRICATOR TO PRODUCE SHOP DRAWINGS FOR FINAL ATTACHMENT METHODS AND ENGINEERING WHERE NECESSARY.



EXTERIOR BUILDING ID
Sign Type: E01

ELEVATION
Scale: 1/4" = 1'- 0"

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SIGN TYPE E01
EXTERIOR BUILDING ID

SHEET NO.
GR.17

1’- 2” x 1” th. clear anodizied satin finish aluminum dimensional letters with satin clear coating. “Primary Care Center”, Scala San Bold, upper and lower case

Welded aluminum internal tube structure with painted (GP-4) aluminum sign face. Fabricated, 15’ nominal radius aluminum sign cabinet with internal framework as required, field verify and coordinate structure with building contractor. Structure to intersect support column. Fasteners are not to appear on sign face. When required they are to be minimized, counter sunk flush with panel, paint to match panel (GP-4). All structural engineering of signs to be performed by licensed structural engineer and is the responsibility of the sign fabrication company.

Outriggers for supplemental support of raceway and letters as necessary, painted (GP-3).

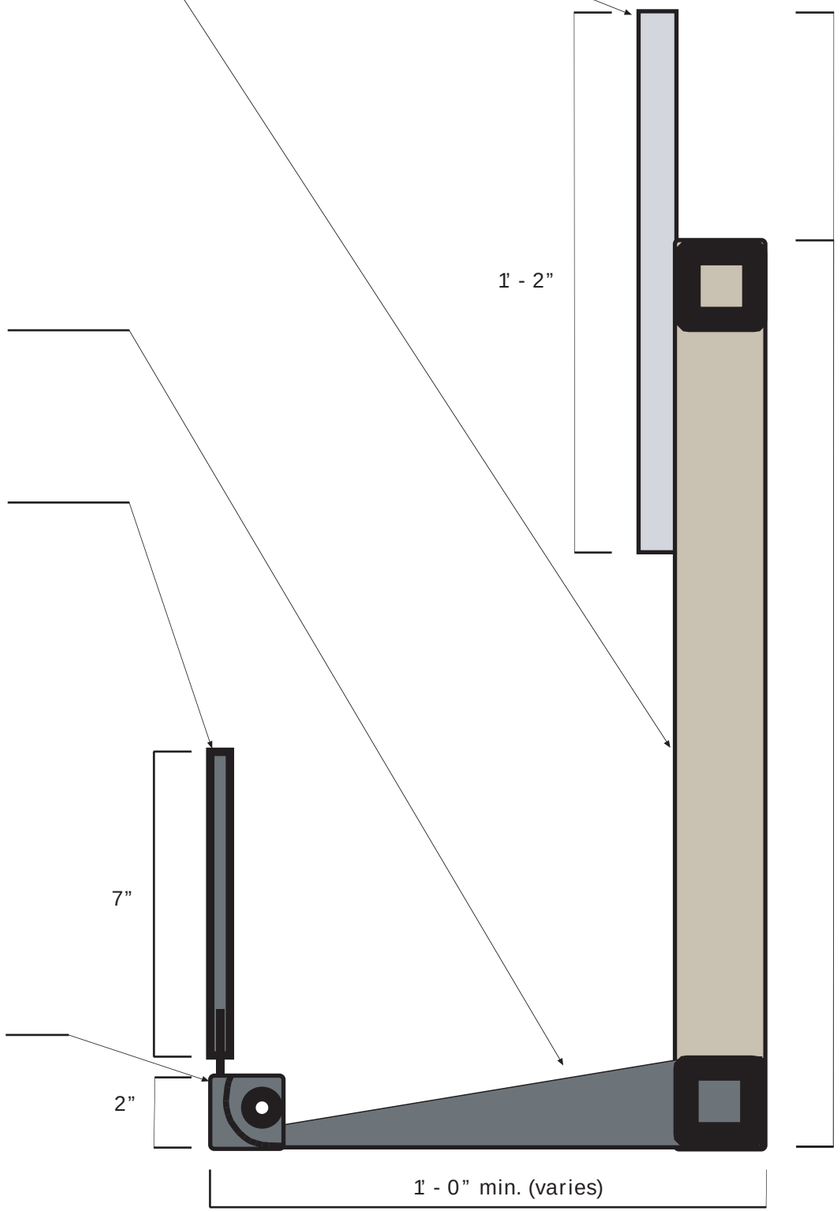
7” x 1/2” th. cutout aluminum painted (GP-3) silhouette letters “SOUTHCENTRAL FOUNDATION” pinmounted to raceway support, MrsEaves Bold upper case.

Use Matthews Paint Company (MAP) or equal, finished to provide weather and fade resistance. Sign must be engineered to withstand local wind load code factors.

Electrical, typical electrical access for sign is through the mounting surface. 277V connection to be by a certified electrician.

Final approval of materials and fabrication methods to be approved by designer of this and all sign types.

Arcing raceway support with continuous custom fabricated neon lamps



Note:
Signs S-001 and S-002 are to be surveyed in the field prior to fabrication. Each sign may require adjustment to the radius of the structure and support as well as the sign position.

Refer to architectural drawing, details 5 & 11 on sheet S&C A8.12 for fascia/soffit detail of the North and South Vestibule

EXTERIOR BUILDING ID
Sign Type: E01

SIDE VIEW
Scale: NTS

SIGNAGE FABRICATOR TO PRODUCE SHOP DRAWINGS FOR FINAL ATTACHMENT METHODS AND ENGINEERING WHERE NECESSARY.

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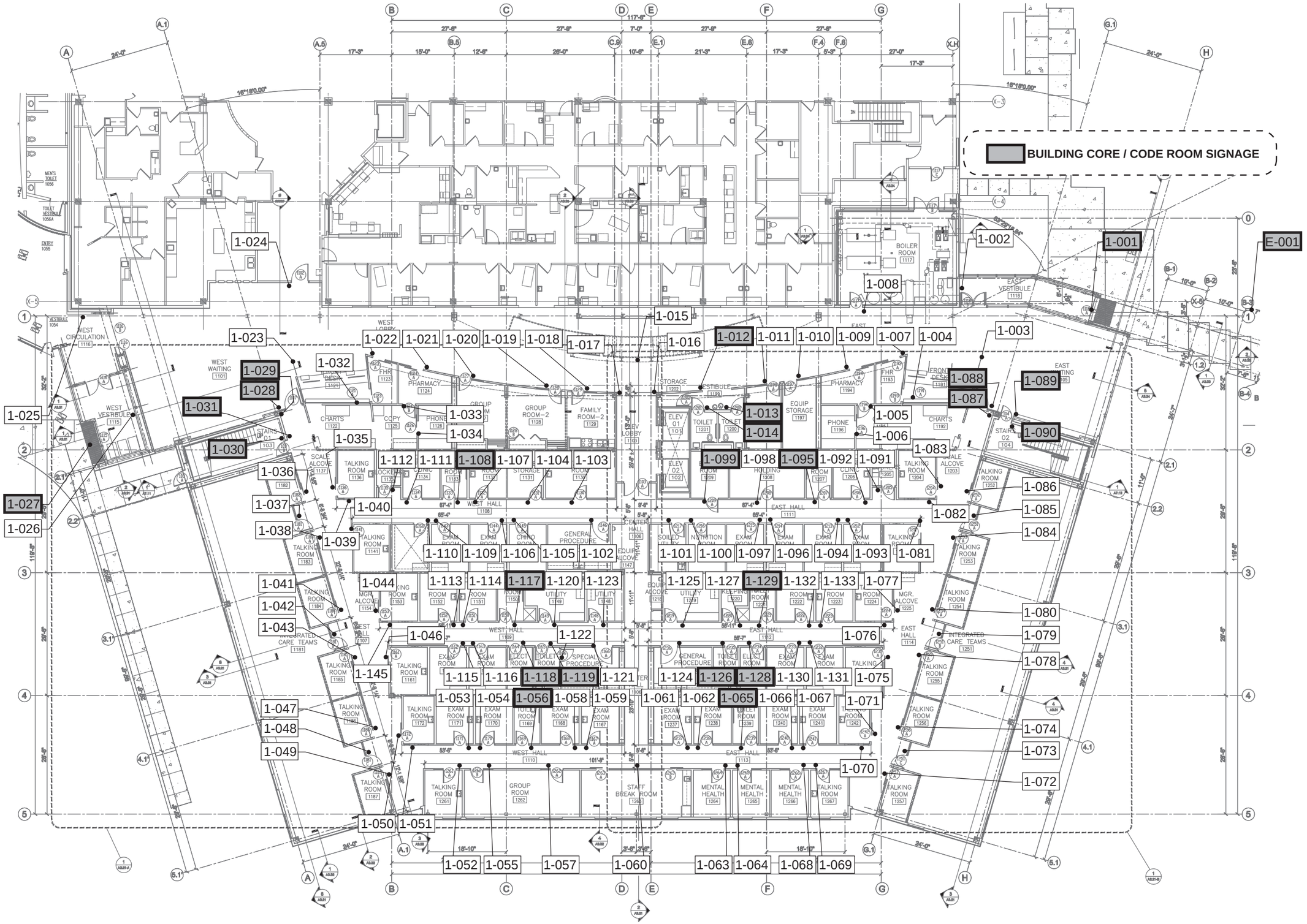
DRAWN SK
REVIEWED kb

SIGN TYPE E01
EXTERIOR BUILDING ID

M.O.A. PERMIT SET 03-03-2008

SHEET NO.
GR.18



1 OVERALL FLOOR PLAN - LEVEL 1
1/8" = 1'-0"

TYPICAL SIGNAGE LOCATION PLAN (LEVEL 1)

NORTH

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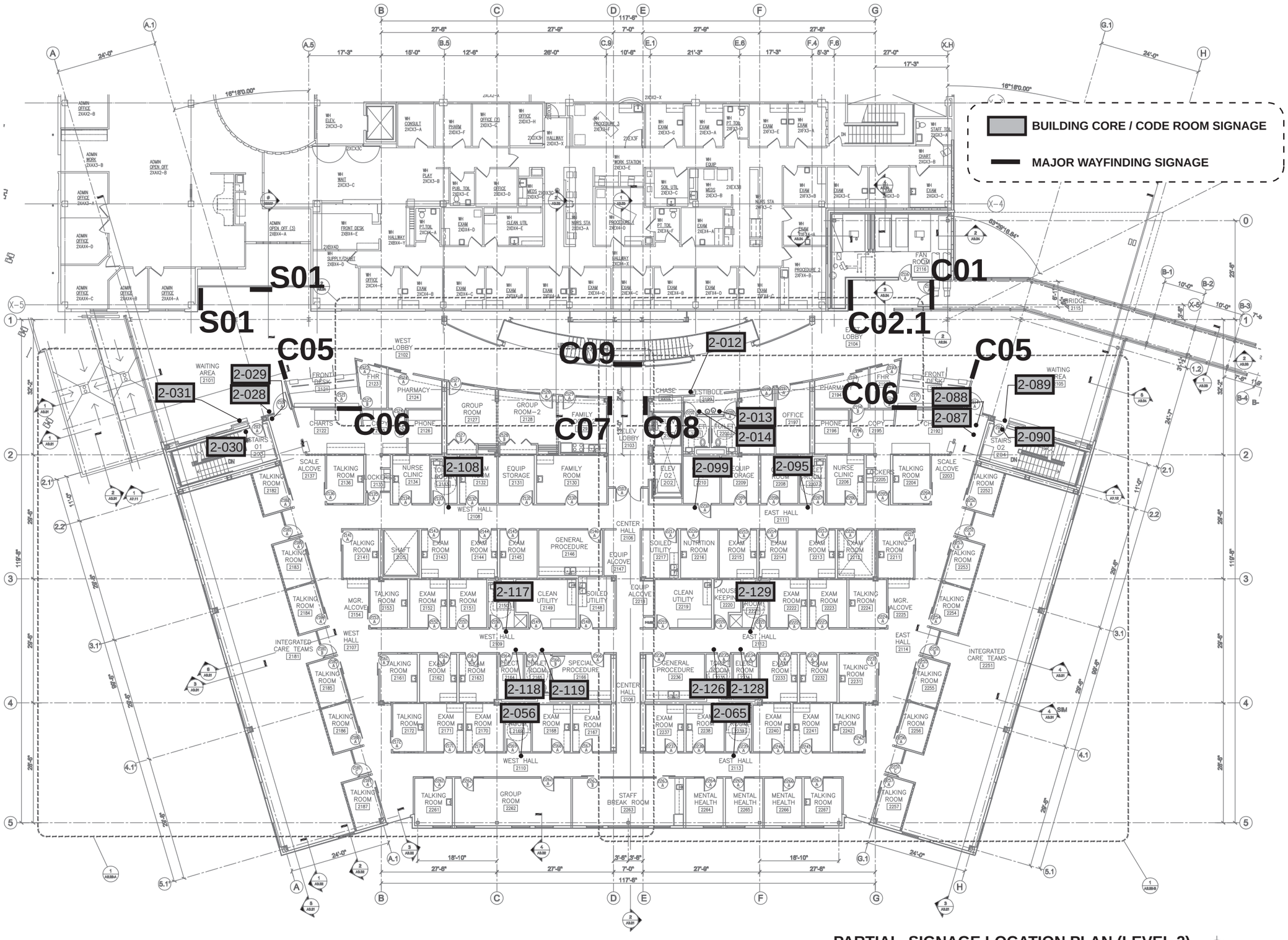
TYPICAL LOCATION PLAN
LEVEL 1

SHEET NO.
L.01



1 OVERALL FLOOR PLAN - LEVEL 2
1/8" = 1'-0"

PARTIAL SIGNAGE LOCATION PLAN (LEVEL 2)

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CUSTOM SIGNAGE LOCATION PLAN
LEVEL 2

SHEET NO.
L.02

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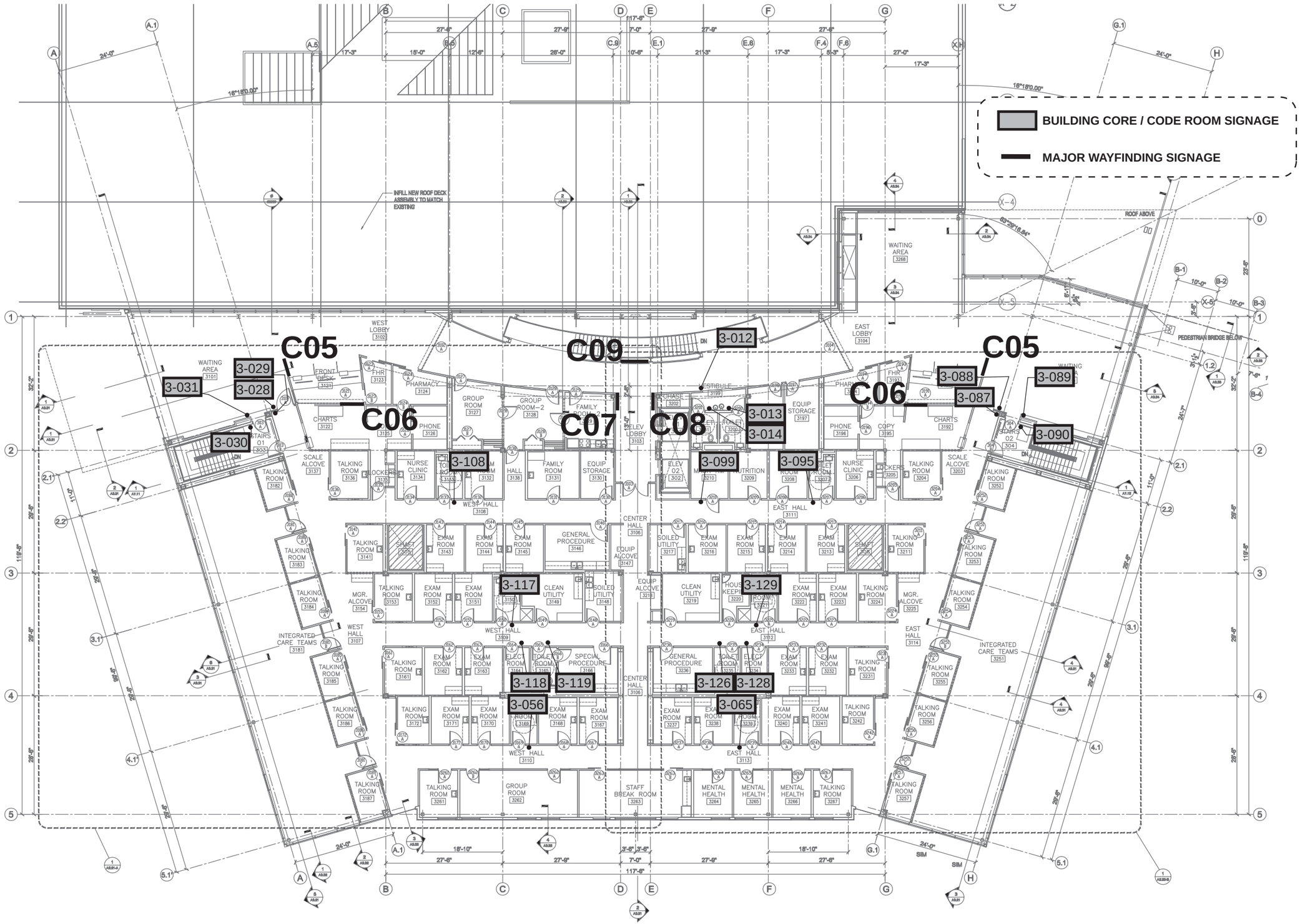

1 OVERALL FLOOR PLAN - LEVEL 3
1/8" = 1'-0"

PARTIAL SIGNAGE LOCATION PLAN (LEVEL 3)

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CUSTOM SIGNAGE LOCATION PLAN
LEVEL 3

SHEET NO.
L.03