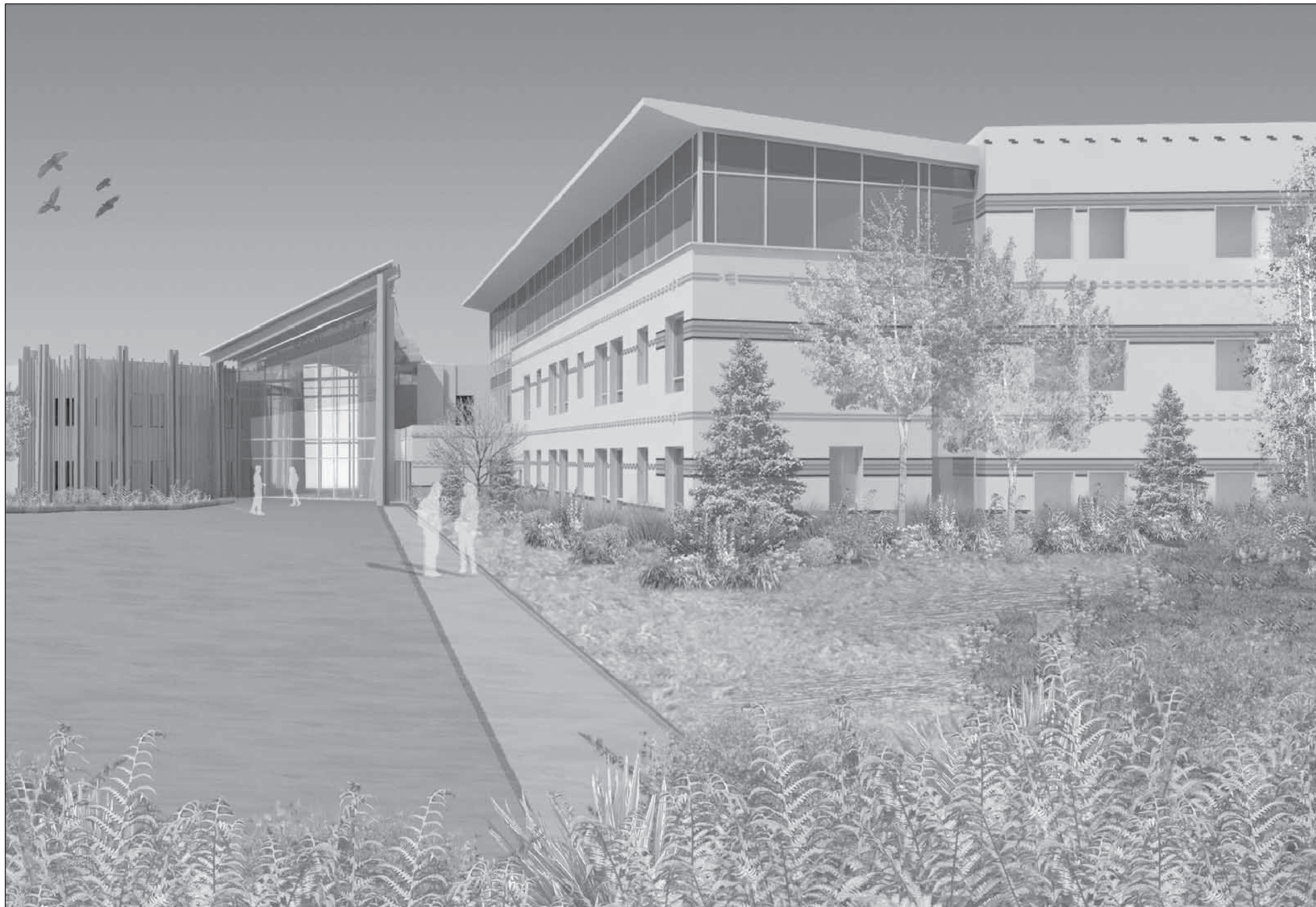


SOUTHCENTRAL FOUNDATION PCC III CLINIC

CONFORMED SET (05-20-2008)



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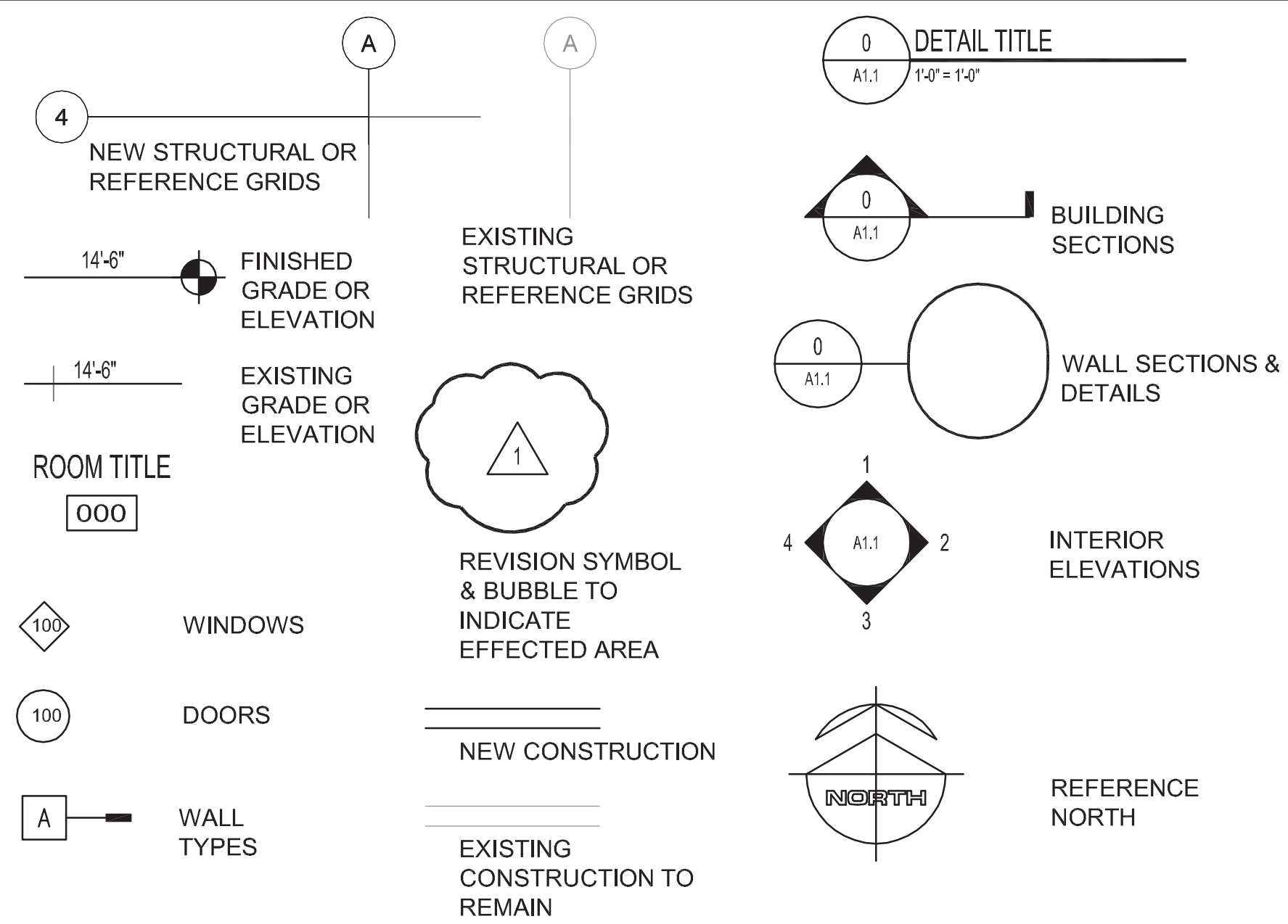
M & E ENGINEERS

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GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE CODES AS ADOPTED AND AMENDED BY THE CITY OF ANCHORAGE, ALASKA.
- 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.
- THE ORGANIZATION OF DOCUMENTS ARE NOT INTENDED TO CONTROL THE DIVISION OF WORK. DIVISION OF WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DIMENSIONS ARE TO FACE OF STUD, FACE OF MASONRY, FACE OF CONCRETE OR GRID LINE UNLESS OTHERWISE NOTED.
- 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.
- CONTRACTOR TO COORDINATE WITH OWNER ON BACKING REQUIREMENTS FOR ALL OWNER FURNISHED OFFICE AND MEDICAL EQUIPMENT AND INSTALL BACKING AS REQUIRED.
- DO NOT SCALE THESE DRAWINGS.

SYMBOLS



GENERAL ABBREVIATIONS

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

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)

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.

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' x 10' 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)

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.

DRAWING SET SHEET INDEX

GENERAL

G0.00 COVER SHEET
 G1.00 PROJECT INFORMATION
 G1.10 CODE STUDY - LEVELS 1, 2 and 3
 G1.11 STRUCTURAL FIREPROOFING DIAGRAMS
 G1.12 ASSEMBLY TYPES - CODE INFORMATION

LANDSCAPE

L1.10 OVERALL SITE PLAN - ARCHITECTURAL
 L1.11 ENLARGED SITE PLAN
 L2.10 PLANTING PLAN
 L3.10 DETAILS

CIVIL

C1.0 NOTES, LEGEND AND ABBREVIATIONS
 C2.0 DEMOLITION PLAN
 C3.0 SITE PLAN
 C3.0A OVERALL SITE PLAN
 C4.0 CROSS SECTIONS
 C5.0 DETAILS

ARCHITECTURAL

A1.21 PCCI - FLOOR DEMOLITION
 A1.22 PCCI - ROOF DEMOLITION

A2.10 OVERALL GRID LAYOUT DIMENSIONS
 A2.11 OVERALL FLOOR PLAN - LEVEL 1
 A2.12 OVERALL FLOOR PLAN - LEVEL 2
 A2.13 OVERALL FLOOR PLAN - LEVEL 3
 A2.14 OVERALL ROOF PLAN

A2.21-A ENLARGED FLOOR PLAN-LEVEL 1 WEST
 A2.21-B ENLARGED FLOOR PLAN-LEVEL 1 EAST
 A2.22-A ENLARGED FLOOR PLAN-LEVEL 2 WEST
 A2.22-B ENLARGED FLOOR PLAN-LEVEL 2 EAST
 A2.23-A ENLARGED FLOOR PLAN-LEVEL 3 WEST
 A2.23-B ENLARGED FLOOR PLAN-LEVEL 3 EAST
 A2.24 ENLARGED LOBBY PLAN / CEILING PLAN
 A2.25 ENLARGED LOBBY - EAST AREA
 A2.26 ENLARGED PLANS - TYPICAL ROOMS
 A2.27 ENLARGED PLAN - THIRD FLOOR EAST

A2.31 FLOOR & FINISH PLAN - LEVEL 1
 A2.32 FLOOR & FINISH PLAN - LEVEL 2 & 3

A3.11 EXTERIOR ELEVATIONS - N & E
 A3.12 EXTERIOR ELEVATIONS - S & W
 A3.13 CURTAIN WALL TYPES
 A3.14 CURTAIN WALL TYPES
 A3.15 CURTAIN WALL TYPES
 A3.16 EXTERIOR ELEVATIONS - BRICK PATTERNS
 A3.17 EXTERIOR ELEVATIONS - BRICK PATTERNS

A3.21 BUILDING SECTIONS
 A3.31 WALL SECTIONS
 A3.32 WALL SECTIONS
 A3.33 WALL SECTIONS
 A3.34 WALL SECTIONS
 A3.35 WALL SECTIONS
 A3.36 WALL SECTIONS
 A3.37 SHAFT WALL SECTIONS

A4.11 INTERIOR DETAILS
 A4.12 INTERIOR DETAILS - LOBBY
 A4.13 INTERIOR DETAILS - CEILING
 A4.14 INTERIOR DETAILS

A5.11 SECTION DETAILS
 A5.12 SECTION DETAILS
 A5.13 SECTION DETAILS
 A5.21 DETAILS

A6.11 DOOR SCHEDULE - LEVEL 1 - TYPES
 A6.12 DOOR SCHEDULE - LEVELS 2 & 3
 A6.13 DOOR DETAILS

A6.21 INTERIOR FINISH SCHEDULE - LEVEL 1
 A6.22 INTERIOR FINISH SCHEDULE - LEVEL 2
 A6.23 INTERIOR FINISH SCHEDULE - LEVEL 3

A7.11 EXIT STAIR 01 - PLANS & SECTIONS
 A7.12 EXIT STAIR 02 - PLANS & SECTION

A8.11 INTERIOR ELEVATIONS - CLINIC
 A8.12 INTERIOR ELEVATIONS - COMMONS
 A8.13 INTERIOR ELEVATIONS - CLINIC
 A8.14 LOBBY INTERIOR NORTH ELEVATION
 A8.15 LOBBY INTERIOR SOUTH ELEVATION

A9.11 REFLECTED CEILING PLAN - LEVEL 1
 A9.12 REFLECTED CEILING PLAN - LEVEL 2
 A9.13 REFLECTED CEILING PLAN - LEVEL 3

GRAPHIC SIGNAGE

REFERENCE ATTACHED GRAPHIC SIGNAGE PACKAGE BOUND SEPARATELY IN 11x17 FORMAT

STRUCTURAL

S0.11 ABBREVIATIONS, LEGENDS & SYMBOLS
 S0.12 GENERAL NOTES
 S0.13 GENERAL NOTES

S1.11 GRAVITY LOAD MAPS
 S1.12 WIND LOAD MAPS

STRUCTURAL (CONTINUED)

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 SECTION
 S2.17 NE CANOPY PARTIAL PLANS
 S2.18 PEDESTRIAN BRIDGE PARTIAL PLANS

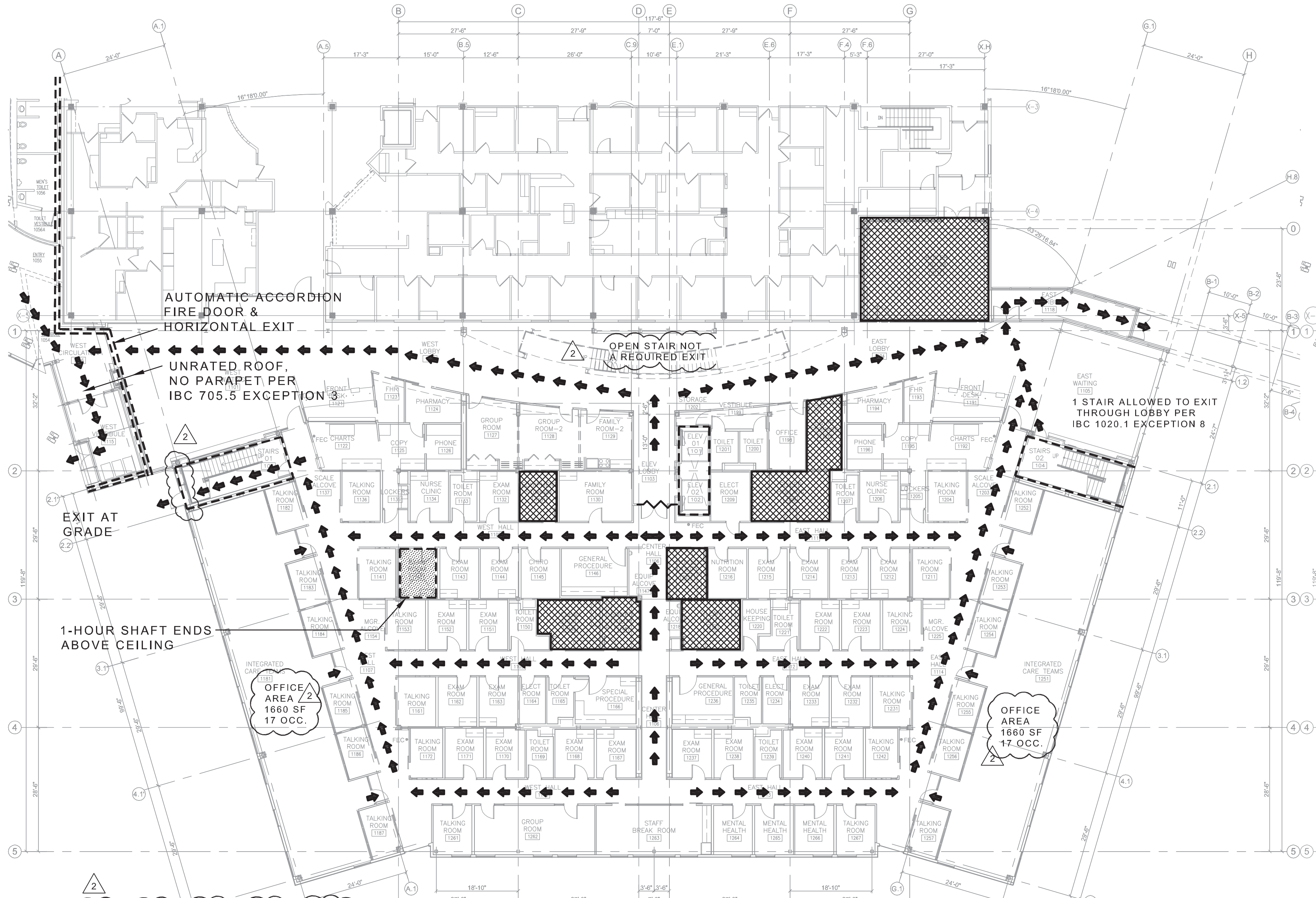
S3.11 BRACED FRAME ELEVATIONS
 S3.12 BRACED FRAME DETAILS
 S3.13 BRACED FRAME DETAILS
 S3.14 BRACED FRAME DETAILS

S4.11 TYPICAL CONCRETE SCHEDULES & DETAILS
 S4.12 TYPICAL CONCRETE SECTIONS & DETAILS
 S4.15 TYPICAL STEEL SECTIONS & DETAILS
 S4.16 TYPICAL STEEL SECTIONS & DETAILS
 S4.17 TYPICAL STEEL SECTIONS & DETAILS

S5.11 FOUNDATION SECTIONS AND DETAILS
 S5.12 FOUNDATION SECTIONS AND DETAILS
 S5.13 FOUNDATION SECTIONS AND DETAILS

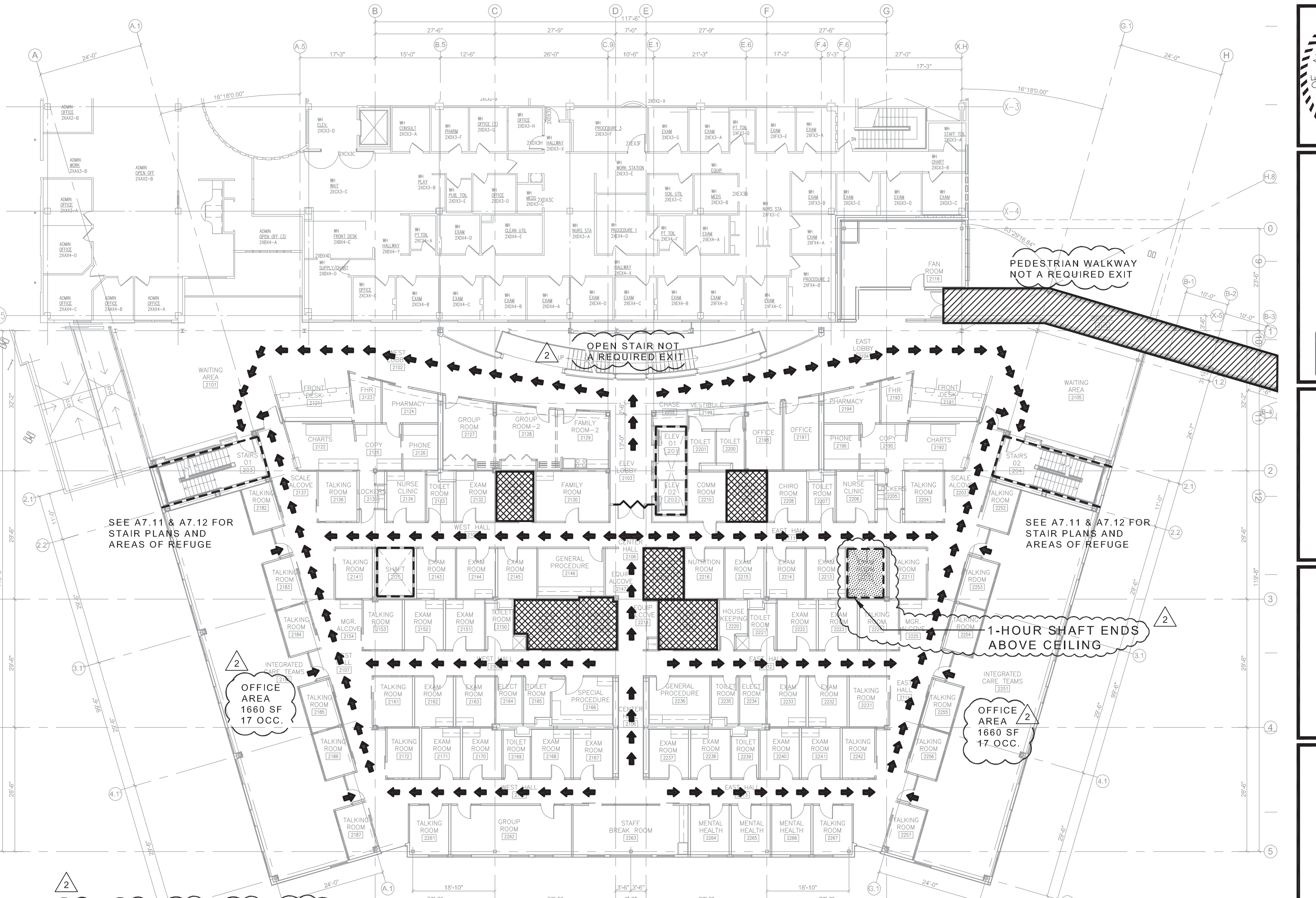
S6.11 STEEL SECTIONS AND DETAILS
 S6.12 STEEL SECTIONS AND DETAILS
 S6.13 STEEL SECTIONS AND DETAILS
 S6.14 STEEL SECTIONS AND DETAILS
 S6.15 STEEL SECTIONS AND DETAILS

S8.10 ARCTIC ENTRY PLANS, SECTIONS & DETAILS
 S8.11 ARCTIC ENTRY SECTIONS & DETAILS



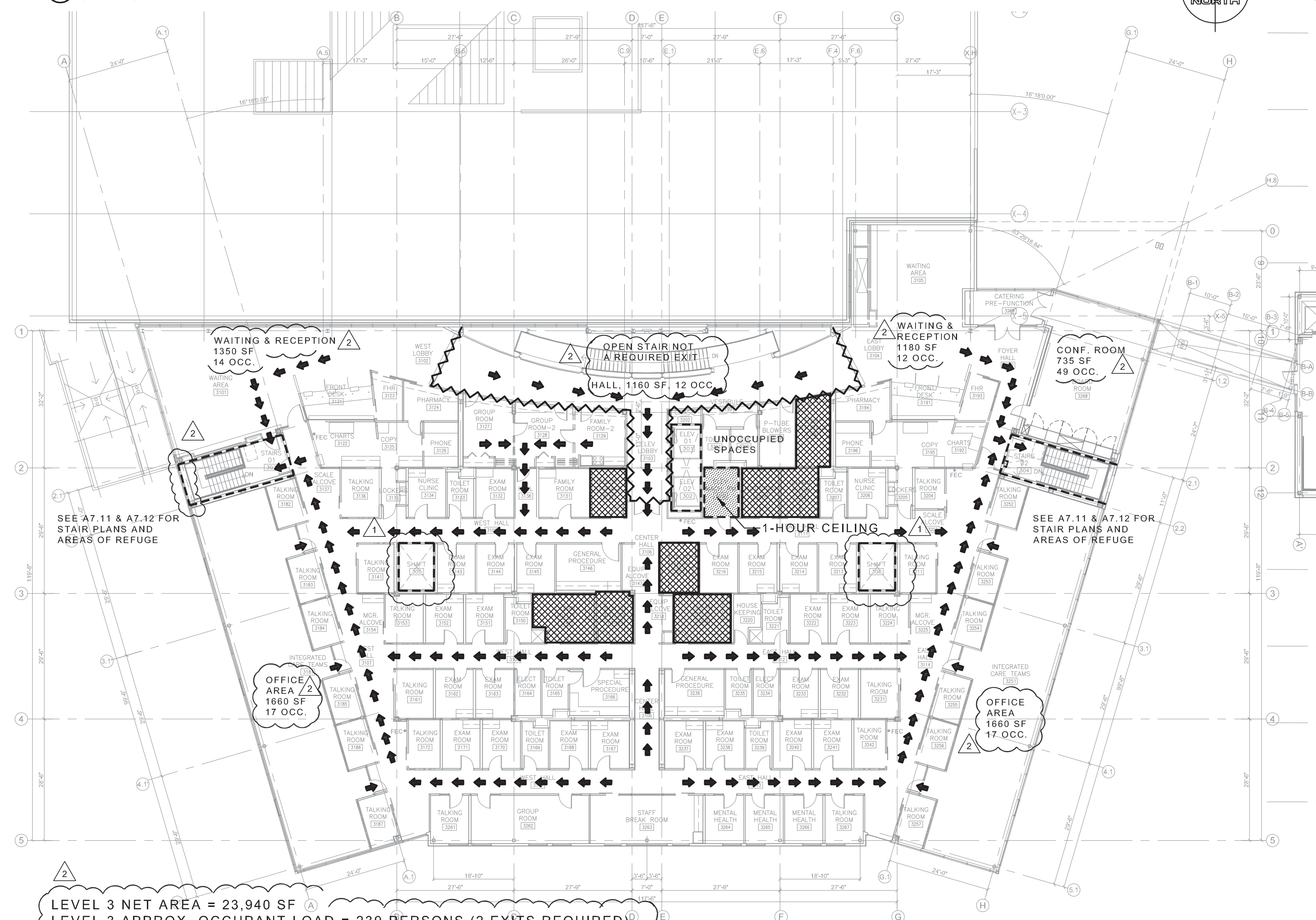
LEVEL 1 NET AREA = 25,320 SF
 LEVEL 1 APPROX. OCCUPANT LOAD = 253 PERSONS (2 EXITS REQUIRED)
 OCCUPANT LOAD FACTOR OF 100 FOR OFFICE & OUTPATIENT FACILITIES

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



LEVEL 2 NET AREA = 24,100 SF
 LEVEL 2 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"



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

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

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

CONFORMED SET 04-23-2008
 JOB NO. A6670.01
 DATE 4/23/2008
 DRAWN ghm
 REVIEWED kb

CODE STUDY -
 LEVELS 1 2 & 3

SHEET NO.
G1.10
OF 15 CODE STUDY - LEVELS 1, 2 AND 3

ELECTRICAL ABBREVIATIONS			
A	AMPERE	MAX	MAXIMUM
AC	ALTERNATING CURRENT	MDF	MAIN DATA FRAME
AFF	ABOVE FINISHED FLOOR	MDF	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	OFO	OWNER FURNISHED, OWNER INSTALLED
CS	CONTROL SWITCH	PF	POWER FACTOR
CT	CURRENT TRANSFORMER	PH	PHASE
CTL	CONTROL	PKG	PACKAGE
CJ	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 BOARD
FU	FUSE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
FUT	FUTURE	TYP	TYPICAL
GALV	GALVANIZED	UH	UNIT HEATER
GFI	GROUNDING FAULT INTERRUPTER	UN	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
HD	HIGH INTENSITY DISCHARGE	WHM	WATT HOUR METER
HP	HORSEPOWER	WP	WEATHERPROOF
HZ	HERTZ (CYCLES PER SEC)	XFRM	TRANSFORMER
IC	INTERRUPTING CAPACITY	Z	IMPEDANCE
IDF	INTERMEDIATE DATA FRAME		
IN	INCH		
JB	JUNCTION BOX		
KWH	THOUSAND CIRCULAR MILS		
KVA	KILOVOLTAMPERES		
KW	KILOWATT(S)		
KWH	KILOWATT HOUR		
LC	LOOKING COVER		
LCC	LIGHTING CONTROL CONTACTOR		
LT	LIGHT		
LTG	LIGHTING		
LVL	LEVEL		

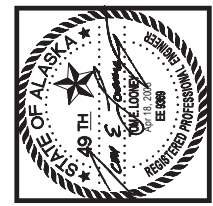
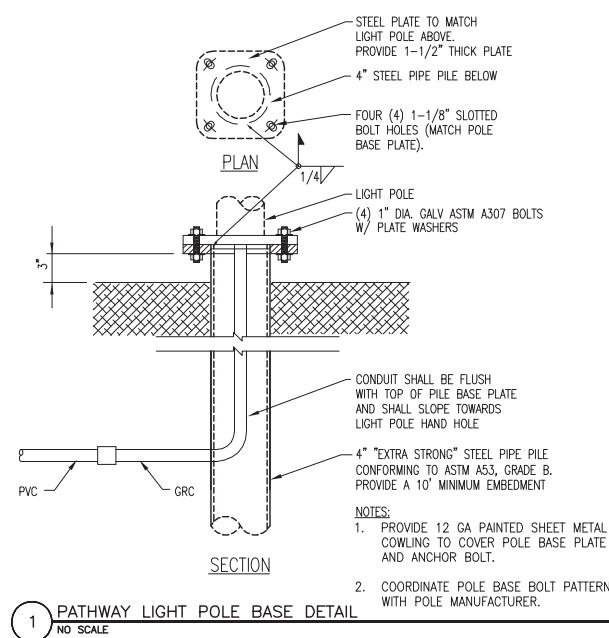
ELECTRICAL SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
	FLUSH MOUNTED PANELBOARD	
	SURFACE MOUNTED PANELBOARD	
	PANELBOARD - SEE PANEL SCHEDULE PANEL NAME TEXT INDICATES:	
	EQUIPMENT CABINET - TYPE AS INDICATED	
	CIRCUIT BREAKER NUMBER INDICATES TRIP SETTING AND NUMBER OF POLES CL - INDICATES CURRENT LIMITING 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	
	STARTER (UNLESS OTHERWISE NOTED) 3-POLE, NEMA SIZE 1 MINIMUM UNLESS NOTED OTHERWISE	
	EQUIPMENT CONNECTION MOTOR CONNECTION SEE MECHANICAL SCHEDULE FOR MOTOR DATA	
	TRANSFORMER	
	GROUND CONNECTION	
	GROUND WIRE	
	CONDUIT: ROUTED UNDERGROUND OR UNDERSLAB	
	HOME RUN - NUMBER OF CONDUCTORS AS INDICATED -LETTER DESIGNATION INDICATES PANEL -NUMBER(S) INDICATE CIRCUIT	
	RACEWAY MARKING INDICATES QUANTITY OF WIRES IN CONDUIT -HIGH MARKS INDICATE PHASE CONDUCTORS -LONG HIGH 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.	
	JUNCTION BOX	
	FLUSH, FLOOR-MOUNTED RECEPTACLE	
	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	
	SPECIAL PURPOSE RECEPTACLE SUBSCRIPT LETTER INDICATES TYPE	
	SURFACE METAL RACEWAY, WIREMOLD 4000V OR APPROVED EQUAL.	
	CABLE TRAY	
	MECHANICAL EQUIPMENT ITEM. REFER TO EQUIPMENT SCHEDULES FOR ELECTRICAL REQUIREMENTS.	
	SHEET NOTE SPECIFIC TO AN ITEM	
	FEEDER TYPE TAG - REFER TO FEEDER SCHEDULE	

ELECTRICAL SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
	LIGHTING FIXTURE: ADJACENT NUMERAL INDICATES CIRCUIT GROUPING LOWER-CASE LETTER INDICATES SWITCHING GROUP	
	RECESSED FLUORESCENT FIXTURE	
	PENDANT MOUNTED LIGHTING FIXTURE	
	SURFACE OR SUSPENDED MOUNTED LIGHTING FIXTURE	
	STRIP FLUORESCENT LIGHTING FIXTURE	
	CEILING-MOUNTED LIGHTING FIXTURE - TYPE AS NOTED	
	WALL-MOUNTED LIGHTING FIXTURE - TYPE AS NOTED	
	DIRECTIONAL LIGHTING - TYPE AS NOTED	
	WALL WASH CAN LIGHT	
	EXIT SIGN - ARROW INDICATES DIRECTION OF EGRESS	
	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.	
	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, UNWITTED.	
	EXISTING LIGHT POLE	
	PEDESTRIAN LIGHT POLE	
	ILLUMINATION CONTROL STATION, SEE SCHEDULE	
	WALL SWITCH - SUBSCRIPT INDICATES: 3 - THREE-WAY 4 - FOUR-WAY D - DIMMER (500W 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 G.S - LOWER CASE LETTERS INDICATE SWITCHING CONTROL	
	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.	
	OCCUPANCY SENSOR FOR LIGHTING CONTROL, CEILING MOUNTED 360° ONE-SEG 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.	
	WALL SWITCH OCCUPANCY SENSOR FOR LIGHTING CONTROL, PASSIVE INFRARED MTD. AT 48". WATTSTOPPER NO. WA-200 OR APPROVED EQUAL.	

ELECTRICAL SYMBOLS LEGEND		
SYMBOL	DESCRIPTION	
	SPRINKLER/FIRE ALARM SYSTEM HORN, WALL MOUNTED, WEATHER PROOF	
	FIRE ALARM HORN - STROBE COMBINATION, WALL MTD.	
	MINI FIRE ALARM HORN - STROBE COMBINATION, WALL MTD.	
	FIRE ALARM STROBE - WALL MTD.	
	FIRE ALARM MANUAL PULL STATION	
	FIRE ALARM IONIZATION DETECTOR	
	DUCT DETECTOR WITH AUXILIARY CONTACTS	
	FIRE ALARM HEAT DETECTOR	
	FIRE SMOKE DAMPER CONNECTED TO FIRE ALARM SYSTEM	
	MAGNETIC DOOR HOLDER CONNECTED TO FIRE ALARM SYSTEM	
	SPRINKLER SYSTEM FLOW SWITCH CONNECTED TO FIRE ALARM	
	SPRINKLER SYSTEM TAMPER SWITCH CONNECTED TO FIRE ALARM	
	FIRE ALARM CONTROL PANEL	
	PROXIMITY CARD READER	
	TELECONFERENCE MICROPHONE	
	PODIUM MICROPHONE	
	CEILING MOUNTED PROJECTOR	
	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	
	WALL MOUNTED SPEAKER	
	CEILING MOUNTED SPEAKER	
	TTB, TELEPHONE TERMINAL BOARD	
	12V COLORED INDICATOR LAMP	
	PATIENT WAITING ZONE LIGHT	
	PATIENT WAITING SWITCH LOCATION	
	AREA OF REFUGE COMMUNICATIONS STATION	

PROJECT NOTES:

- INSTALLATION SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, ASME 17.1, NFPA 72, STATE AND LOCAL AMENDMENTS, AND NECA STANDARDS OF INSTALLATION.
- ALL WIRING INSTALLED IN UNHEATED OR EXTERIOR SPACES SHALL BE XHHW, INTERIOR WIRING MAY BE THHW/THHN.
- 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.
- SURFACE MOUNT CONDUIT IS NOT ALLOWED EXCEPT IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND BOILER ROOMS, UNLESS OTHERWISE NOTED ON DRAWINGS.
- CONTRACTOR SHALL PROVIDE AND INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS FOR CIRCUITS OPERATING ABOVE 24 VOLTS AS REQUIRED BY CODE.
- MAINTAIN MINIMUM 6" CLEARANCE BETWEEN CONDUIT AND PIPING. MAINTAIN 12" CLEARANCE BETWEEN CONDUIT AND HEAT SOURCES SUCH AS FLUES, HEATING PIPES, AND HEATING APPLIANCES.
- 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.
- VERIFY CEILING TYPES THROUGHOUT. PROVIDE ALL MOUNTING ACCESSORIES, TRIM, FLANGES, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION.



REVISIONS	
03-28-2008	RE: ASI-003
04-17-2008	CORRECTIONS PER MOA COMMENTS
04-17-2008	COORDINATION CORRECTIONS

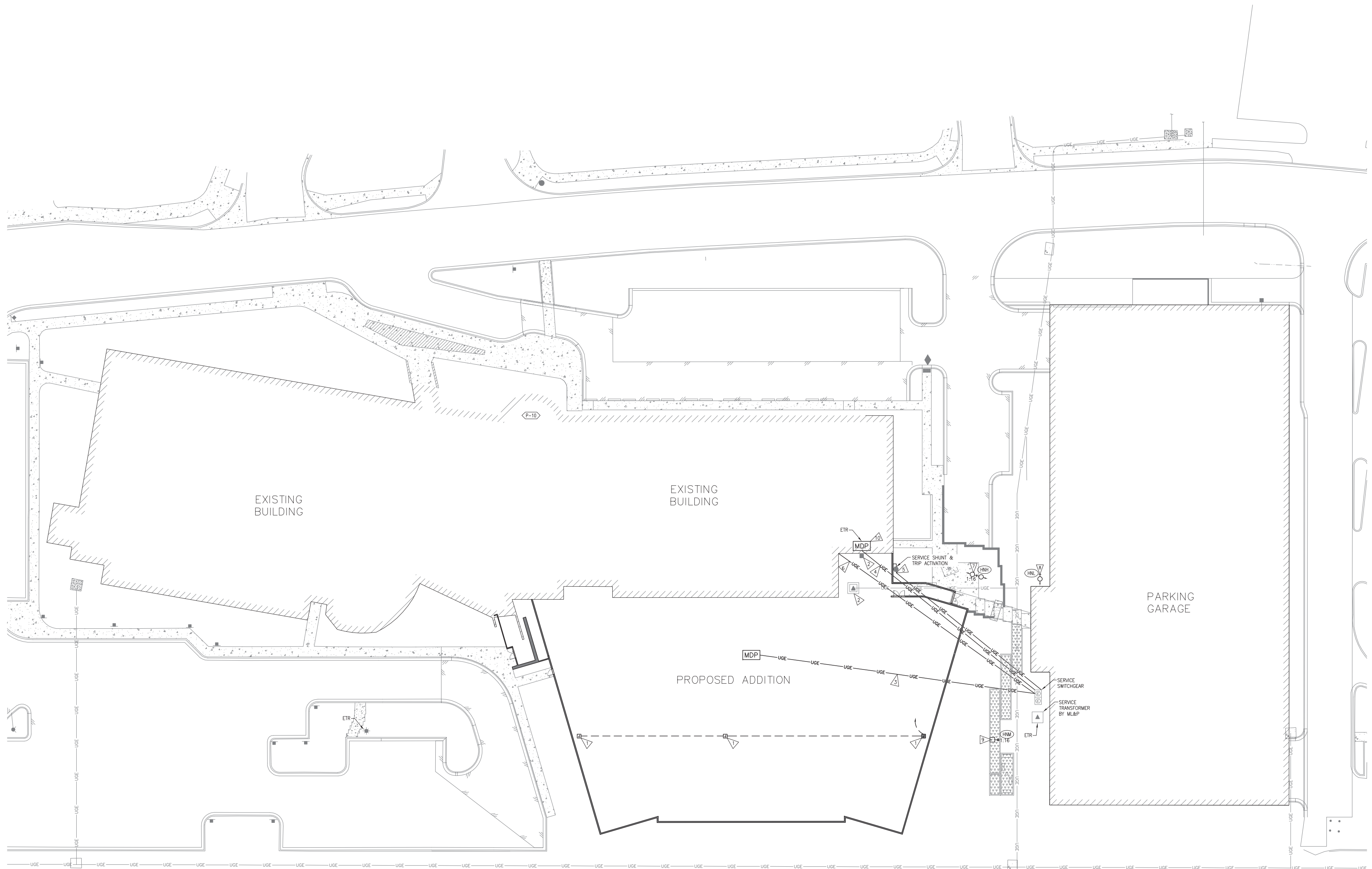
JOB NO.	100179-00
DATE	03-11-2008
DRAWN	ALM
REVIEWED	TEL

ELECTRICAL SYMBOLS LEGEND

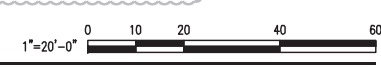
SHEET NO.
E0.10

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CONFORMED DRAWINGS



- NOTES**
- 1 - REMOVE PARKING LOT LIGHTING AND CONDUCTORS TO PANEL IN PCC1.
 - 2 - COORDINATE WITH UTILITY FOR REMOVAL OF EXISTING SERVICE TRANSFORMER, CT CABINET AND CONDUCTORS.
 - 3 - PROVIDE 2000A UNDERGROUND FEEDER TO PCC3 MDP FROM SERVICE SWITCHGEAR PROVIDED BY PARKING GARAGE PROJECT.
 - 4 - PROVIDE 1200A UNDERGROUND FEEDER TO EXISTING PCC1 MDP FROM SERVICE SWITCHGEAR PROVIDED BY GARAGE PROJECT.
 - 5 - PROVIDE NEMA 3R 60A TWO POLE SAFETY DISCONNECT AND 4#10/14" O.D. IN 3/4" CONDUIT TO SERVICE SWITCHGEAR PROVIDED BY PARKING GARAGE PROJECT. PROVIDE SERVICE DISCONNECT SIGNAGE PER MOA REQUIREMENTS.
 - 6 - PROVIDE TWO 2" CONDUITS WITH PULL STRING FOR FUTURE FIRE PUMP, EXHAUST AND LOCATE END OF CONDUITS 24" UNDER EXISTING PCC1 SLAB.
 - 7 - TWO TYPE HNH FIXTURES MOUNTED TO VERTICAL SUPPORT COLUMN. SEE ARCHITECTURAL COLUMN DETAILS FOR FUTURE MOUNTING INFORMATION. CONNECT TO PCC3 EXTERIOR LIGHTING CTL CAB EXT-LTG.
 - 8 - TYPE HNL LANDSCAPE FIXTURE. COORDINATE WITH LANDSCAPING. CONNECT TO CIRCUIT PROVIDED BY PARKING GARAGE PROJECT.
 - 9 - TYPE HNM PEDESTRIAN POLE TO BE LOCATED PER LANDSCAPING REQUIREMENTS. CONNECT TO PCC3 EXTERIOR LIGHTING CTL CAB EXT-LTG. REFER TO 1/EO.10 FOR POLE BASE DETAIL.
 - 10 - REMOVE NEUTRAL TO GROUND BOND IN PCC1 MDP AND INTERIE GROUNDING ELECTRODE SYSTEM OF PCC1 WITH GROUNDING ELECTRODE SYSTEM OF PCC3. REFER TO 1/E2.20 FOR DETAILS.
 - 11 - COORDINATE WITH CIVIL AND STRUCTURAL DESIGNS FOR UNDERSLAB CONDUIT ROUTING.



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REVISIONS

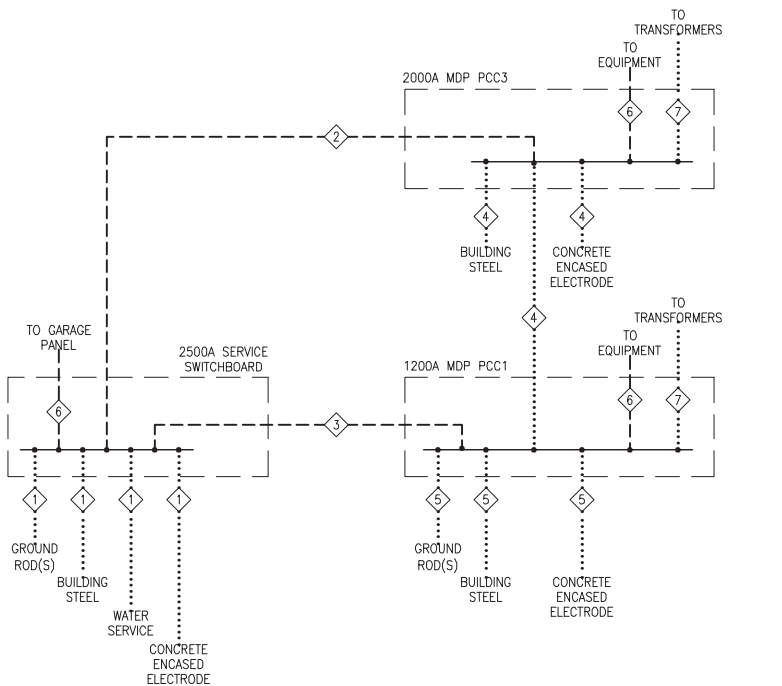
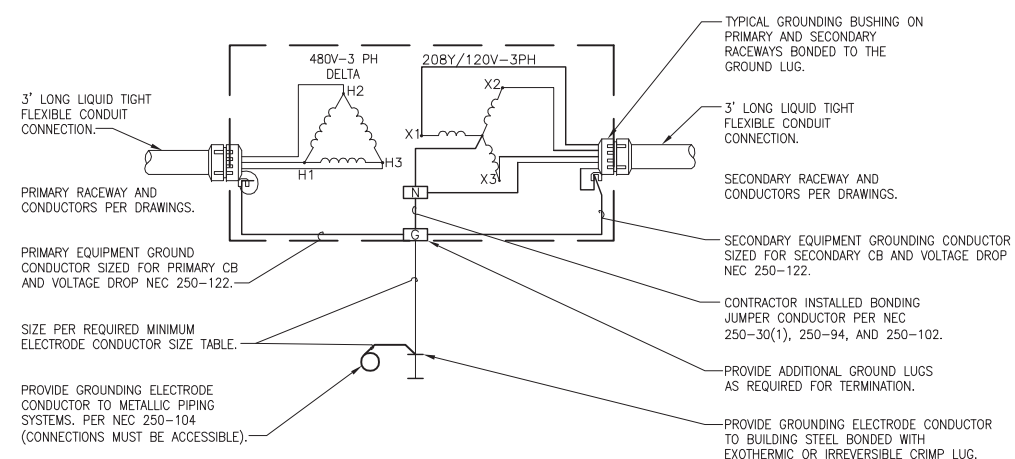
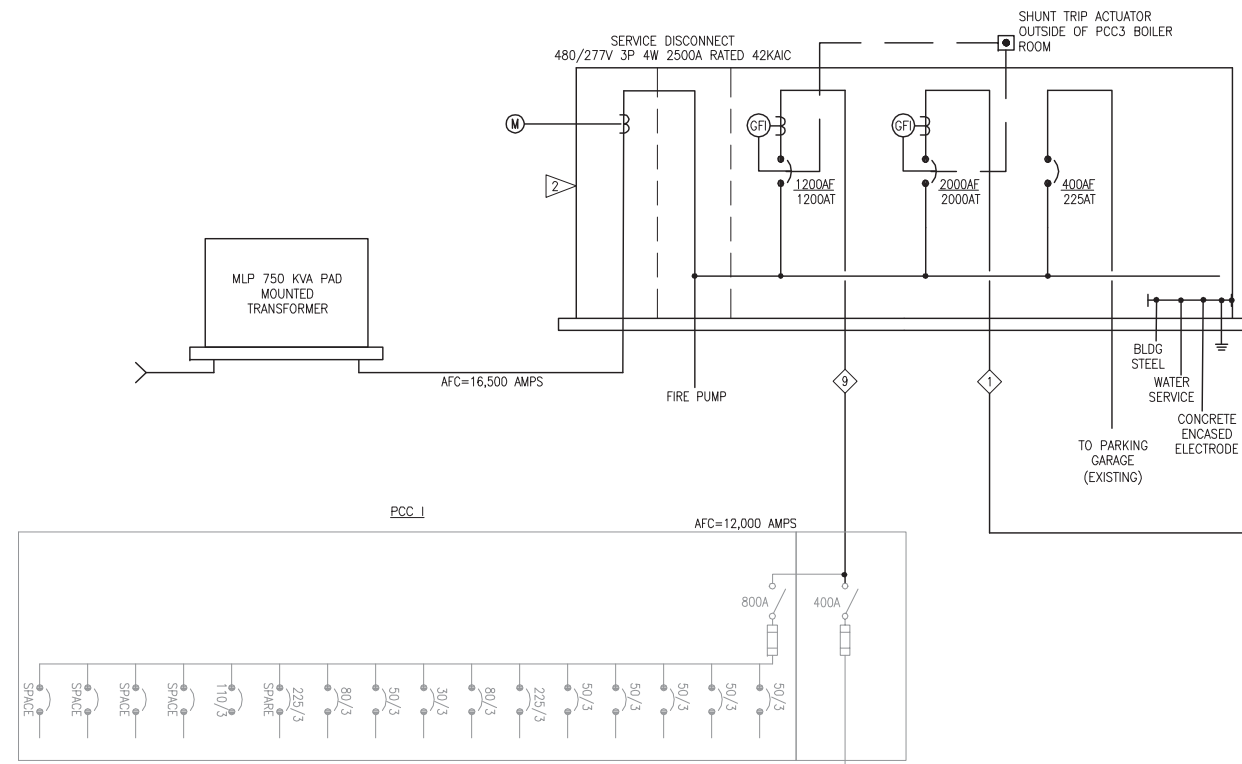
03-28-2008	RE: ASI-003
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CONFORMED DRAWINGS

JOB NO.	10079_00
DATE	03-13-2008
DRAWN	ALM
REVIEWED	TEL

**ELECTRICAL
 SITE PLAN**

SHEET NO.
E0.11
 E0.11 SEE PLANING

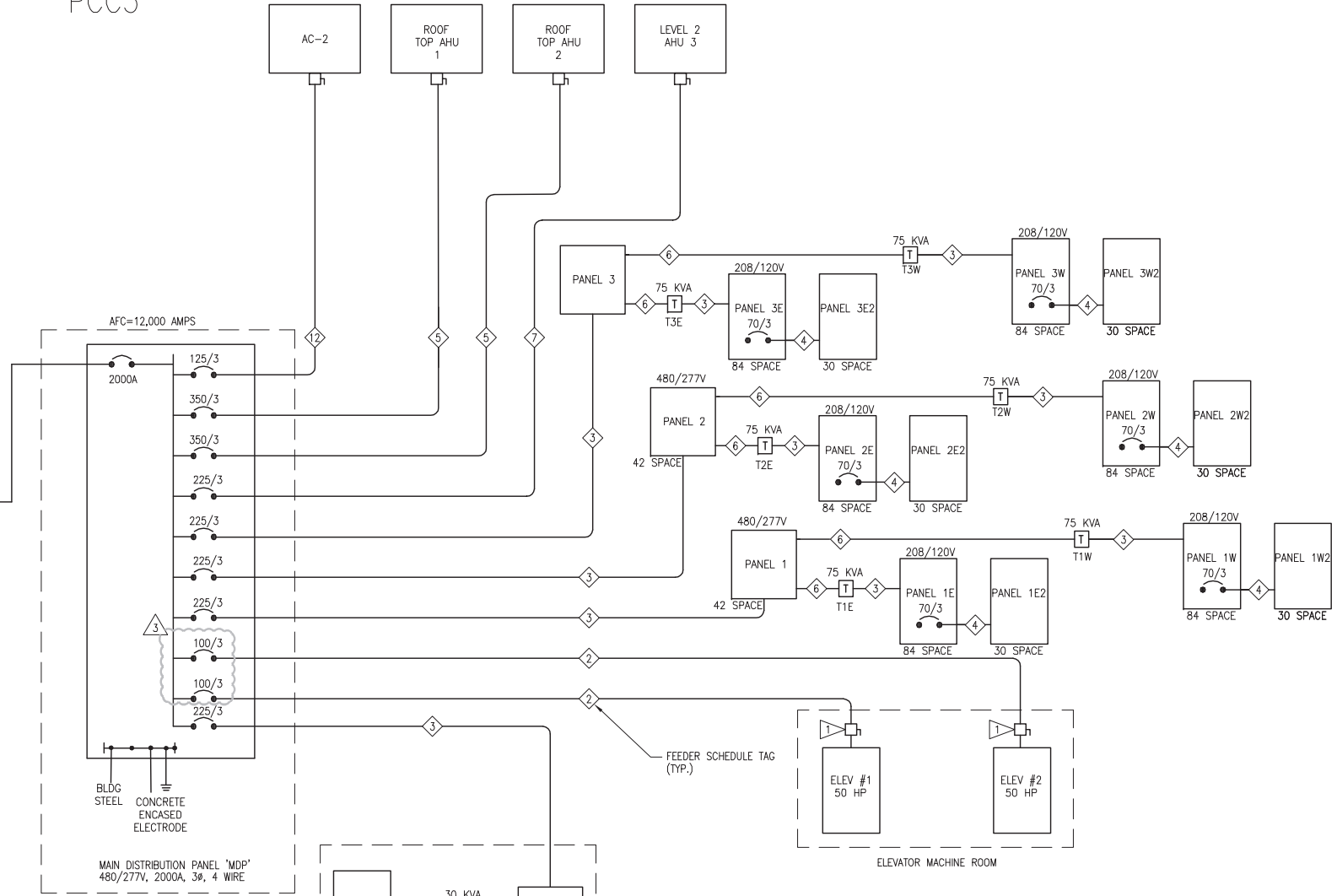


CONDUCTOR SIZE	
EXISTING 3/0 AWG COPPER	
400 KCMIL ALUMINUM	
250 KCMIL ALUMINUM	
3/0 AWG COPPER OR 250 KCMIL ALUMINUM	
EXISTING 3/0 AWG COPPER	
SIZE PER NEC TABLE 250.122	
SIZE PER NEC TABLE 250.66	

LEGEND	
---	EQUIPMENT GROUNDING CONDUCTOR
---	GROUNDING ELECTRODE CONDUCTOR

NOTE: NEUTRAL GROUND BOND ONLY AT SERVICE SWITCHBOARD.

PCC3



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	75A	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	NET 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

1 POWER ONE-LINE DIAGRAM
SCALE: NTS

REQUIRED MINIMUM ELECTRODE CONDUCTOR SIZE	
TRANSFORMER SECONDARY LARGEST CONDUCTOR*	ELECTRODE CONDUCTOR SIZE
#2 OR SMALLER	8
1 OR 1/0	6
1/0 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:
- LARGEST SUM OF THE AREAS OF CORRESPONDING PARALLELED CONDUCTORS OF A SET.
 - BASED ON COPPER CONDUCTORS USE NEC 250.122 IF ALUMINUM CONDUCTORS ARE USED.

PARKING GARAGE FEEDER CALCULATIONS	
220.12 GENERAL LIGHTING 177,000 SQ FT @ .5VA/SQFT	88,500 VA
220.44 RECEPTACLE LOAD 92 DUPLEX OUTLETS @ 180VA UP TO 10KVA AT 100% LOADS OVER 10KVA AT 50%	16,560 VA 10,000 VA 3,280 VA
NET LOAD:	89 KVA
220.50 MOTOR LOAD EH-1 EXHAUST FAN 1/6 HP EH-2 EXHAUST FAN 1/6 HP P1A/B 3/4 HP B1 1HP B2 1HP P-2 1/4 HP P-3 1/4 HP P-4 1/4 HP P-5 1/4 HP P-6 1/4 HP P-7 1/4 HP UH-1 UH-2 CUH-1 CUH-2 CUH-3 CUH-4 CUH-5 HT 1-12 TRASH COMPACTOR (5HP) ELEVATOR #1 40HP 25% OF LARGEST MOTOR	500 VA 500 VA 1,260 VA 1,660 VA 1,660 VA 1,590 VA 1,590 VA 1,590 VA 1,590 VA 1,590 VA 1,590 VA 135 VA 65 VA 230 VA 230 VA 230 VA 230 VA 230 VA 3,500 VA 6,100 VA 4,140 VA 1,035 VA
NET MECHANICAL LOAD:	81.2 KVA

220.40 FEEDER LOAD CALCULATION	
TOTAL CALCULATED FEEDER LOAD (LTG, RECEPITS, MECHANICAL)	193 KVA
MINIMUM FEEDER AMPS @ 480 V	190 A
INCREASE CAPACITY FOR FUTURE	
25% INCREASED CAPACITY	40 A
DESIGN FEEDER AMPS (MIN):	200 A
DESIGN FEEDER AMPS (ACTUAL)	200 A

PCC3 FEEDER CALCULATIONS	
220.12 GENERAL LIGHTING 75,000 SQ FT @ 3.5VA/SQFT	263 KVA
220.44 RECEPTACLE LOAD 1500 DUPLEX OUTLETS @ 180VA UP TO 10KVA AT 100% LOADS OVER 10KVA AT 50%	270 KVA 10 KVA 41.4 KVA
NET LOAD:	288 KVA
220.50 MOTOR LOAD AHU-1 COMPRESSORS 6 COND FANS @1HP 1 SUPPLY FAN @40HP RETURN FAN @40HP AHU-2 COMPRESSORS 8 COND FANS @1HP 1 SUPPLY FAN @40HP RETURN FAN @40HP AHU-3 COMPRESSORS 6 COND FANS @1HP 1 SUPPLY FAN @20HP RETURN FAN @7.5HP OTHER MECHANICAL LOADS: PUMPS P-1,P-2 @ 1.5 HP EA PUMPS P-3,P-4 @ 3 HP EA PUMPS P-5,P-6 @ 20 HP EA B-1,B-2 @ 2 HP EA P-7,P-8,P-9,P-10 @ 1/2 HP EA CABINET HEATERS 7 @ 1/6 HP EA EXHAUST FANS 3 @ 1/6 HP EA UH-2 (1/6 HP) ZND FL DS-1 ROOFTOP 3 HP AC-2 ROOF TOP (50 TON) UH-1 1/6 HP BOILER RM. PEVCO BLOWER 10HP HEAT TRACE 1ST FL EXT. FAN EF-5 @ 1 HP UF-1 1.5 HP ELEVATOR #1 50HP ELEVATOR #2 50HP 25% OF LARGEST MOTOR (50HP)	120 KVA 11 KVA 41 KVA 41 KVA 120.0 KVA 11.2 KVA 41.4 KVA 41.3 KVA 75.5 KVA 8.4 KVA 21.5 KVA 8.8 KVA 3.8 KVA 21.5 KVA 5.4 KVA 3.5 KVA 8.9 KVA 3.8 KVA 1.3 KVA 3.8 KVA 73.8 KVA 0.8 KVA 11.2 KVA 0.3 KVA 1.8 KVA 2 KVA 51.8 KVA 13.0 KVA
NET MECHANICAL LOAD:	806.7 KVA
220.40 FEEDER LOAD CALCULATION TOTAL CALCULATED FEEDER LOAD (LTG, RECEPITS, MECHANICAL)	1218 KVA
MINIMUM FEEDER AMPS @ 480 V	1469 A
INCREASE CAPACITY FOR FUTURE	
25% INCREASED CAPACITY	366 A
DESIGN FEEDER AMPS (MIN):	1828 A
DESIGN FEEDER AMPS (ACTUAL)	2000 A



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REVISIONS

- 03-28-2008 RE: ASI-003
- 04-17-2008 CORRECTIONS PER MOA COMMENTS
- 04-17-2008 COORDINATION CORRECTIONS

CONFORMED DRAWINGS

JOB NO: 100179-00
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DRAWN: ALM
REVIEWED: TEL

POWER ONE LINE

SHEET NO:
E0.12
03-12 POWER ONE LINE.DWG

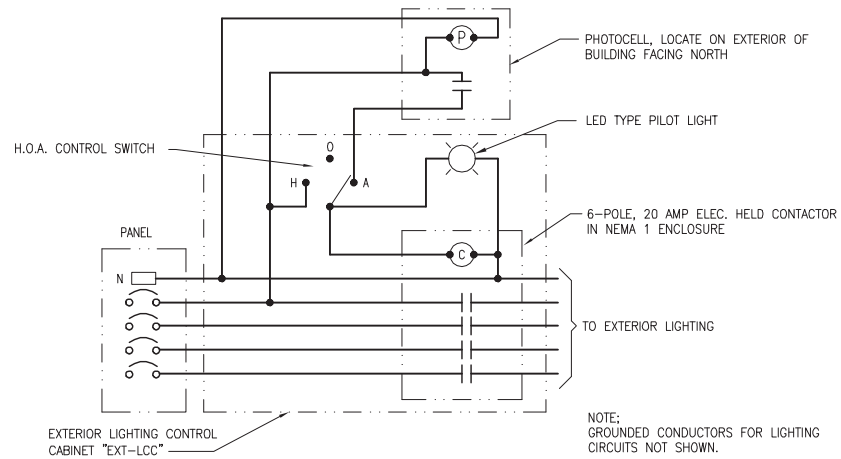
PANEL 2E		120/208V 3 PHASE, 4 WIRE				MOUNTING: SURFACE, NEMA 1						
LOCATION 2ND FL EAST ELEC RM 2234		225 AMP BUS 225 AMP MAIN BKR				GRND BUS: EQUIPMENT						
SPECIAL		SHORT CKT: 10,000 RMS SYM AMPS				SHORT CKT: 10,000 RMS SYM AMPS						
C	T	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA	C	T
1	RECEPTACLES 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
3	RECEPTACLES RM 2266	720	20	1	5	C	6	1	20	1000	FRIIDGE RM 2219	4
4	RECEPTACLES RM 2267	900	20	1	7	A	8	1	20	1000	PYXIS RM 2219	4
5	RECEPTACLES RM 2267	900	20	1	9	B	10	1	20	1000	FREEZER RM 2219	4
6	RECEPTACLES RM 2242	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 2222	2
7	RECEPTACLES RM 2241	900	20	1	13	A	14	1	20	900	RECEPTACLES RM 2223	2
8	RECEPTACLES RM 2240	900	20	1	15	B	16	1	20	900	RECEPTACLES RM 2223	2
9	RECEPTACLES RM 2238	900	20	1	19	A	20	1	20	720	RECEPTACLES RM 2224	2
10	RECEPTACLES RM 2237	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 2211	2
11	RECEPTACLES RM 2236	720	20	1	23	C	24	1	20	900	RECEPTACLES RM 2212	2
12	RECEPTACLES RM 2236	720	20	1	25	A	26	1	20	360	RECEPTACLES RM 1212	2
13	RECEPTACLES RM 2236	900	20	1	27	B	28	1	20	900	RECEPTACLES RM 2213	2
14	RECEPTACLES RM 2236	1080	20	1	29	C	30	1	20	1080	RECEPTACLES RM 2214	2
15	RECEPTACLES RM 2235	540	20	1	31	A	32	1	20	900	RECEPTACLES RM 2214	2
16	RECEPTACLES RM 2233	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 2216	2
17	RECEPTACLES RM 2233	900	20	1	35	C	36	1	20	900	RECEPTACLES RM 2216	2
18	RECEPTACLES RM 2232	720	20	1	37	A	38	1	20	1000	FREEZER RM 2217	4
19	RECEPTACLES RM 2231	720	20	1	39	B	40	1	20	360	RECEPTACLES RM 2217	2
20	RECEPTACLES RM 2231	900	20	1	41	C	42	1	20	720	RECEPTACLES RM 2204	2
21	FRIDGE RM 2263	1000	20	1	43	A	44	1	20	900	RECEPTACLES RM 2264	2
22	MICROWAVE RM 1263	1000	20	1	45	B	46	1	20	SPACE		
23	HOT WATER DISPENSER RM 2263	1000	20	1	47	C	48	1	20	900	RECEPTACLES RM 2206	2
24	RECEPTACLES RM 2257	540	20	1	49	A	50	1	20	720	RECEPTACLES RM 2208	2
25	RECEPTACLES RM 2256	720	20	1	51	B	52	1	20	720	RECEPTACLES RM 2208	2
26	RECEPTACLES RM 2256	540	20	1	53	C	54	1	20	900	RECEPTACLES RM 2192	2
27	RECEPTACLES RM 2254	720	20	1	55	A	56	1	20	720	RECEPTACLES RM 2196	2
28	RECEPTACLES RM 2253	540	20	1	57	B	58	1	20	900	RECEPTACLES RM 2196	2
29	RECEPTACLES RM 2252	720	20	1	59	C	60	1	20	540	RECEPTACLES RM 2197	2
30	RECEPTACLES RM 2251	360	20	1	61	A	62	1	20	360	RECEPTACLES RM 2198	2
31	RECEPTACLES RM 2251	540	20	1	63	B	64	1	20	540	RECEPTACLES RM 2200	2
32	RECEPTACLES RM 2236	360	20	1	65	C	66	1	20	360	RECEPTACLES RM 2199	2
33	OVERHEAD EXAM LIGHT RM 2236	300	20	1	67	A	68	1	20	900	RECEPTACLES RM 2194	2
34	SPACE				69	B	70	1	20	1080	RECEPTACLES RM 2191	2
35	PATIENT WAITING ANNUNCIATOR	500	20	1	71	C	72	1	20	900	RECEPTACLES RM 2192	2
36	SECURITY PANEL	700	20	1	73	A	74	1	20	540	RECEPTACLES RM 2105	4
37	SPACE				75	B	76	1	20	180	POWER DOOR	4
38	SPACE				77	C	78	2	20	2000	COPIER	4
39	4 PANEL 2E2	2225	70	3	79	A	80	1	20	1080	COMM RM RECEPTACLES	2
40	+				81	B	82	1	20	1080	COMM RM RECEPTACLES	2
41	+				83	C	84	1	20	1080	COMM RM RECEPTACLES	2

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
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	

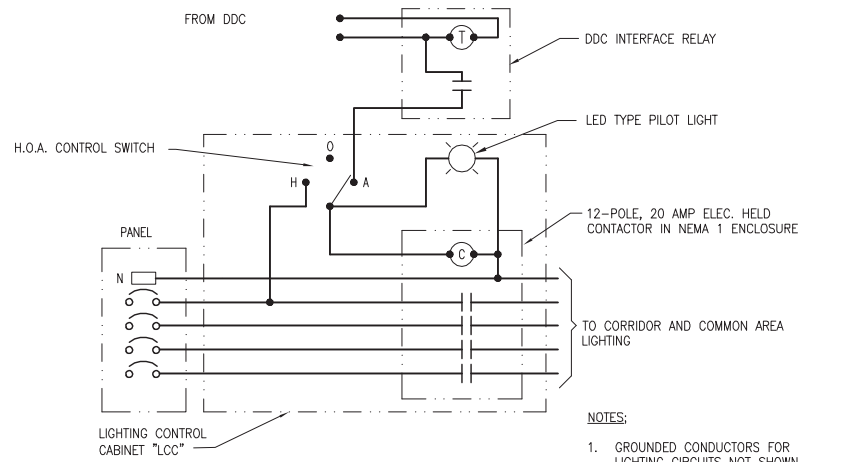
PANEL 3E		120/208V 3 PHASE, 4 WIRE				MOUNTING: SURFACE, NEMA 1						
LOCATION 3RD FL EAST ELEC RM 3234		225 AMP BUS 225 AMP MAIN BKR				GRND BUS: EQUIPMENT						
SPECIAL		SHORT CKT: 10,000 RMS SYM AMPS				SHORT CKT: 10,000 RMS SYM AMPS						
C	T	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA	C	T
1	RECEPTACLES 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
3	RECEPTACLES RM 3266	720	20	1	5	C	6	1	20	1000	FRIIDGE RM 3219	4
4	RECEPTACLES RM 3267	900	20	1	7	A	8	1	20	1000	PYXIS RM 3219	4
5	RECEPTACLES RM 3242	900	20	1	9	B	10	1	20	1000	FREEZER RM 3219	4
6	RECEPTACLES RM 3241	900	20	1	11	C	12	1	20	900	RECEPTACLES RM 3222	2
7	RECEPTACLES RM 3240	900	20	1	13	A	14	1	20	900	RECEPTACLES RM 3223	2
8	RECEPTACLES RM 3238	900	20	1	15	B	16	1	20	900	RECEPTACLES RM 3223	2
9	RECEPTACLES RM 3237	900	20	1	19	A	20	1	20	720	RECEPTACLES RM 3224	2
10	RECEPTACLES RM 3236	900	20	1	21	B	22	1	20	900	RECEPTACLES RM 3211	2
11	RECEPTACLES RM 3236	720	20	1	23	C	24	1	20	900	RECEPTACLES RM 3212	2
12	RECEPTACLES RM 3236	720	20	1	25	A	26	1	20	360	RECEPTACLES RM 3213	2
13	RECEPTACLES RM 3236	900	20	1	27	B	28	1	20	900	RECEPTACLES RM 3213	2
14	RECEPTACLES RM 3236	1080	20	1	29	C	30	1	20	1080	RECEPTACLES RM 3214	2
15	RECEPTACLES RM 3235	540	20	1	31	A	32	1	20	900	RECEPTACLES RM 3214	2
16	RECEPTACLES RM 3233	900	20	1	33	B	34	1	20	900	RECEPTACLES RM 3216	2
17	RECEPTACLES RM 3233	900	20	1	35	C	36	1	20	900	RECEPTACLES RM 3216	2
18	RECEPTACLES RM 3231	720	20	1	37	A	38	1	20	1000	FREEZER RM 3217	4
19	RECEPTACLES RM 3231	720	20	1	39	B	40	1	20	360	RECEPTACLES RM 3217	2
20	RECEPTACLES RM 3231	900	20	1	41	C	42	1	20	720	RECEPTACLES RM 3204	2
21	FRIDGE RM 3263	1000	20	1	43	A	44	1	20	900	RECEPTACLES RM 3204	2
22	MICROWAVE RM 3263	1000	20	1	45	B	46	1	20	540	RECEPTACLES RM 3268	2
23	HOT WATER DISPENSER RM 3263	1000	20	1	47	C	48	1	20	900	RECEPTACLES RM 3206	2
24	RECEPTACLES RM 3257	540	20	1	49	A	50	1	20	720	RECEPTACLES RM 3208	2
25	RECEPTACLES RM 3256	720	20	1	51	B	52	1	20	720	RECEPTACLES RM 3208	2
26	RECEPTACLES RM 3255	540	20	1	53	C	54	1	20	900	RECEPTACLES RM 3192	2
27	RECEPTACLES RM 3254	720	20	1	55	A	56	1	20	720	RECEPTACLES RM 3196	2
28	RECEPTACLES RM 3253	540	20	1	57	B	58	1	20	900	RECEPTACLES RM 3196	2
29	RECEPTACLES RM 3252	720	20	1	59	C	60	1	20	540	RECEPTACLES RM 3197	2
30	RECEPTACLES RM 3251	360	20	1	61	A	62	1	20	360	RECEPTACLES RM 3198	2
31	RECEPTACLES RM 3251	540	20	1	63	B	64	1	20	540	RECEPTACLES RM 3200	2
32	RECEPTACLES RM 3251	360	20	1	65	C	66	1	20	540	RECEPTACLES RM 3200	2
33	OVERHEAD EXAM LIGHT RM 3236	300	20	1	67	A	68	1	20	900	RECEPTACLES RM 3194	2
34	SPACE				69	B	70	1	20	1080	RECEPTACLES RM 3191	2
35	PATIENT WAITING ANNUNCIATOR	360	20	1	71	C	72	1	20	900	RECEPTACLES RM 302	2
36	RECEPTACLES RM 3210	180	20	1	73	A	74	1	20	540	RECEPTACLES RM 3105	2
37	EF-2 EXHAUST FAN	1127	20	1	75	B	76	1	20	500	P-TUBE DIVERTER	4
38	WON DOOR	500	20	1	77	C	78	2	20	2000	COPIER	4
39	4 PANEL 3E2	1000	70	3	79	A	80	1	20	720	ROOFTOP RECEPTACLES	2
40	+				81	B	82	1	20	720	ROOFTOP RECEPTACLES	2
41	+				83	C	84	1	20	360	ROOFTOP RECEPTACLES	2

CATEGORY (CT)	CONNECTED LOAD (KVA)	NEC DEMAND FACTOR	NEC DEMAND LOAD (KVA)	COMMENTS:
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	60.86	-	41.82	
TOTAL AMPS	169	-	116	

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				SHORT CKT: 10,000 RMS SYM AMPS						
C	T	VA	AMPS	POLE	CKT NO	BUS	CKT NO	POLE	AMPS	VA	C	T
1	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
3	RECEPTACLES RM 2262	1260	20	1	5	C						



1 EXTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE



2 INTERIOR LIGHTING CONTROL DIAGRAM
NO SCALE

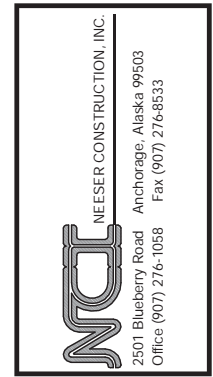
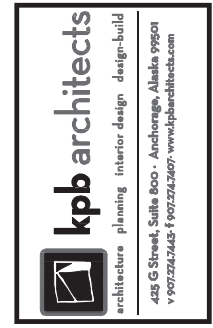
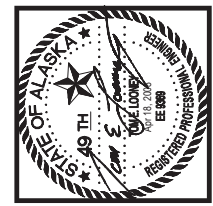
- NOTES:
1. GROUNDED CONDUCTORS FOR LIGHTING CIRCUITS NOT SHOWN.
 2. COORDINATE WITH DDC SUPPLIER TO PROVIDE LOW-VOLTAGE INTERIOR LIGHTING CONTROL OVER-RIDE SWITCHES AS SHOWN ON PLANS. (3 PLACES)
 3. ONE CONTACTOR SHOWN, TYPICAL OF EACH FLOOR.

LIGHT FIXTURE SCHEDULE

FIXTURE I.D.	DESCRIPTION & FINISH	VOLTAGE & BALLAST	LAMPS & BALLAST	MOUNTING AND REMARKS MANUFACTURE/CATALOG NO.
FCA	CEILING RECESSED 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) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2R15-2815-MVOLT-GE995-LPM835P OR APPROVED EQUAL.
FCB	CEILING RECESSED 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) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2R15-2815-MVOLT-GE995-LPM835P OR APPROVED EQUAL.
FCC	CEILING RECESSED 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	(1) F3218/3500K/85CRI 2850 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. 2G18-3-32-A12125-MVOLT-GE10RS OR APPROVED EQUAL.
FCD	LOW PROFILE, WIDE BODY SURFACE MOUNTED WRAPAROUND FLOURESCENT FIXTURE WITH TWO LAMPS.	277 57	(2) F3218/3500K/85CRI 2850 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. LB-2-32-MVOLT-GE10RS, OR APPROVED EQUAL.
FCE	24" LONG SURFACE MOUNTED FLOURESCENT WALL BRACKET LIGHT FIXTURE WITH UP/DOWN LIGHT DISTRIBUTION, WHITE EXTRUDED ACRYLIC LENS WITH FLAT ALUMINUM ENDPATES, FIXTURE MOUNTED ABOVE BATHROOM MIRROR.	277 19	(1) F1718/3500K/85CRI 1280 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PRUDENTIAL NO. S1-118-02-TMW-277-SUR-RSE OR APPROVED EQUAL.
FCF	ENCLOSED AND GASKETED, WET LOCATION RATED INDUSTRIAL FLOURESCENT FIXTURE WITH HIGH IMPACT RESISTANT ACRYLIC DIFFUSER, STAINLESS STEEL LATCHES.	277 57	(2) F3218/3500K/85 CRI 2850 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. DMW-2-32-277-GE10RS-STSL OR APPROVED EQUAL.
FCG	SURFACE MOUNTED FLOURESCENT FIXTURE WITH DROP BASKET DIFFUSER, TWO T8 LAMPS.	277 57	(2) F3218/3500K/85CRI 2850 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	LITHONIA NO. AVSM-2-32-MOR-DLS-MVOLT-GE10RS, OR APPROVED EQUAL.
FCH	WALL SURFACE MOUNTED FLOURESCENT FIXTURE WITH PERFORATED FACIA AND UP/DOWN LIGHT DISTRIBUTION, PROVIDE WITH EMERGENCY BALLAST.	277 59	(1) 54W15H0/3500K/85CRI 5000 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PRUDENTIAL NO. WALL4-EP-15H0-04-TMW-SC-277-WH-EMR OR APPROVED EQUAL. MOUNTED AT 96" AFF
XCA	VANDAL RESISTANT, UNIVERSAL MOUNT LED EXIT SIGN WITH BATTERY BACKUP. POLYCARBONATE HOUSING, UNIVERSAL ARROWS AND GREEN LETTERS. ALL ELECTRONICS SHALL BE ENCLOSED WITHIN HOUSING, PROVIDE WITH NICKEL CADMIUM BATTERY BACKUP.	277 2		LITHONIA NO. LOM-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. ELM1254-1121-2D 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, LOW EMERGENCY LIGHT AND WIRE TO CLOSEST EMERGENCY LIGHT CIRCUIT.	277 216	(1) 150W PSMH CLEAR HFF-CW, FUSED	LITHONIA NO. WST-150M-MD-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 APERTURE, 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-48-18D OR APPROVED EQUAL, COORDINATE WITH BOARDROOM CEILING.
ANB	RECESSED VERTICAL INCANDESCENT LENSED WALL WASH WITH 6" NOMINAL APERTURE, CLEAR MATTE DIFFUSE REFLECTOR AND ANGLED LINEAR SPREAD LENS TRIM AND MEDIUM BASE PORCELAIN SOCKET, FIXTURE TO BE DIMMABLE.	120 75	(1) 75W PAR30L WFL	LITHONIA NO. DLW-6AR-LD OR APPROVED EQUAL, COORDINATE WITH BOARDROOM CEILING.
ANC	RECESSED INCANDESCENT ADJUSTABLE ACCENT FIXTURE WITH 6" NOMINAL APERTURE, CLEAR MATTE DIFFUSE REFLECTOR AND TRIM CUT FOR 0-15° ADJUSTABILITY, TOOLLESS 360° LAMP AMING WITH LOCKING MECHANISM, HOT LAMP FOCUS ADJUSTMENT AND MEDIUM BASE PORCELAIN SOCKET, FIXTURE TO BE DIMMABLE.	120 75	(1) 75W PAR30L WFL	LITHONIA NO. DP-PAR30L-38-6-AC-100-LD OR APPROVED EQUAL, COORDINATE WITH BOARDROOM CEILING.

LIGHT FIXTURE SCHEDULE

FIXTURE I.D.	DESCRIPTION & FINISH	VOLTAGE & BALLAST	LAMPS & BALLAST	MOUNTING AND REMARKS MANUFACTURE/CATALOG NO.
CNA	CEILING RECESSED MOUNTED 6" ROUND REFLECTOR COMPACT FLOURESCENT 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 TR1/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED,	LITHONIA NO. AFV-1/32TR1-6AR-LD-MVOLT-WLP OR APPROVED EQUAL.
CNB	CEILING RECESSED MOUNTED 6" ROUND REFLECTOR WITH GLASS LENS, COMPACT FLOURESCENT 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 TR1/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED,	LITHONIA NO. AFV-1/32TR1-6AR-LD-MVOLT-CGL-WLP OR APPROVED EQUAL.
CNC	CEILING RECESSED MOUNTED 6" ROUND COMPACT FLOURESCENT WALL WASH, SELF-FLANGED, SPECULAR LOW IRIDESCENT REFLECTOR, ANGLED LINEAR RECESSED SPREAD LENS, CLEAR REFLECTOR WITH MATTE DIFFUSE FINISH, LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TR1/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED,	LITHONIA NO. DLWF-1/32TR1-6AR-LD-MVOLT-WLP OR APPROVED EQUAL.
CNE	CEILING RECESSED MOUNTED 4.5" SQUARE COMPACT FLOURESCENT WALL WASH, SELF-FLANGED, SOFT GLOW CLEAR ANODIZED REFLECTOR AND TRIM, SPECULAR CLEAR UPPER REFLECTOR, LAMP INCLUDED WITH FIXTURE.	277 35	(1) 32W TR1/3500K/80CRI (MIN.) 2400 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED,	KURT VERSEN NO. HB432 OR APPROVED EQUAL.
FNA	WALL MOUNTED LINEAR FLOURESCENT 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 ENDPAPS TO MATCH PROFILE OF FIXTURE HOUSING.	277 35	(1) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PAL LIGHTING PALADIA SERIES PPR001-R-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 FLOURESCENT 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 ENDPAPS TO MATCH PROFILE OF FIXTURE HOUSING.	277 35	(1) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PAL LIGHTING PALADIA SERIES PPR001-R-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 FLOURESCENT 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, DIAPHRAGM CIRCUIT WIRING FOR MULTI-LEVEL SWITCHING.	277 57	(2) F3218/3500K/85CRI 2850 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED CONSTANT WATTAGE.	ARCH POINT VERVE III SERIES FV3S-DR2-278-2C-277-2C-S-C48 OR APPROVED EQUAL, COORDINATE FIXTURE LENGTHS TO LONGEST RUN POSSIBLE FOR EACH COVER APPLICATION.
FND	COVE MOUNTED LINEAR FLOURESCENT 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) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PINNACLE LIGHTING NO. C105-115-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) F2815/3500K/85 CRI 2350 INITIAL LUMENS H-LUME 10% BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	PINNACLE LIGHTING NO. C105-115-XX-277-N-LUTRON OR APPROVED EQUAL, COORDINATE FIXTURE LENGTHS TO LONGEST RUN POSSIBLE FOR EACH COVE APPLICATION.
FNE	RECESS MOUNTED FLOURESCENT 48" SQUARE COVE FIXTURE WITH NOMINAL 9" DEEP HOUSING, 20 GAUGE STEEL REFLECTOR AND HOUSING, FOUR PIECE 22 GAUGE STEEL PERFORATED LAMP SHIELDING WITH CORNER CASTINGS, FOUR 28 WATT T5 LAMPS.	277 174	(4) F2815/3500K/85 CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	FOCAL POINT NO. FSK-448-015-S-277-G-PS-L835-WH OR APPROVED EQUAL.
FNF	WALL MOUNTED DAMP LOCATION LINEAR FLOURESCENT 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) F21415/3500K/85 CRI 1350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT WATTAGE	SHAPER LIGHTING NO. 600-24-15/2/14-277-SN-DL OR APPROVED EQUAL, REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS.
FNH	RECESS PERIMETER FLOURESCENT WALL SLOT FIXTURE, MOUNTS TO FIXTURE SUPPORT RAIL, PROVIDE CONTINUOUS LENGTH FIXTURE, FIXTURE INSTALLS BEFORE CEILING, COORDINATE WITH CEILING INSTALL.	277 35	(6) F2815/3500K/85CRI 2350 INITIAL LUMENS HFF, PRS ELECTRONIC BALLAST, CLASS "A" SOUND RATED, CONSTANT VOLTAGE	LITECONTROL NO. 20-1-44-15-COM-ELB-277, OR APPROVED EQUAL.
FNJ	SURFACE MOUNTED FLOURESCENT UNDERCABINET FIXTURE TO BE THROUGH WIRING CAPABLE 46 INCHES LONG BY 5 INCHES WIDE BY 1 INCH HIGH.	277 35	(1) F2815/3500K/85 CRI 3500K/85 CRI ELECTRONIC BALLAST, 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) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LITHONIA NO. DLW16-39MHC-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 58° C) LOW COPPER ANODIZED BLACK ALUMINUM FIXTURE HOUSING, 25° LOCKABLE AMING ADJUSTMENT FOR 15° SPECULAR INTERNAL REFLECTOR OPTIC, STAINLESS STEEL SCREWS, INTEGRAL DOUBLE LENS, LINEAR SPREAD ACCESSORY LENS AND INTEGRAL ELECTRONIC BALLAST.	277 84	(1) CMH170W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST.	EXTERIURE VERT NO. CT-16-015-070-7-1-2-3-0 WITH IC-P20D-EV-JBA-3/4-IC-C08B AND LSP185-LMH03 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) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LITHONIA NO. ATH-16-39MHC-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 ANODIZED ALUMINUM REFLECTORS CAPABLE OF 30° ADJUSTMENT, BLACK POWDER COAT FINISH, PROVIDE WITH INTEGRAL ELECTRONIC BALLAST, HEX CELL LOUVER, SOFT FOCUS SPREAD LENS, LINEAR SPREAD LENS.	277 44	(1) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LUMENON NO.W10271-MHC39-277-BK WITH K10020-EE 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) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LUMENON NO. W20271-MHC39-277-BK WITH K10021-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) CMH139W G12 T6/3000K (UP) 3400 INITIAL LUMENS (DN) 6200 INITIAL LUMENS ELECTRONIC BALLAST.	LUMENON NO. W20271-MHC39-MHC270-277-BK WITH K10021-EE OR APPROVED EQUAL.
HNH	EXTERIOR COLUMN STEM MOUNTED METAL HALIDE ADJUSTABLE ACCENT LIGHT WITH 11" LONG BY 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) CMH170W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST.	HK LIGHTING NO. 2X201-1670W-277N-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 AMING, T5 STYLE LAMP WITH MEDIUM BEAM SPREAD OPTICAL REFLECTOR, PROVIDE WITH OWN DIRECTIONAL SPREAD LENS, SOFTENING LENS AND ELONGATING LENS (TO BE FIELD SELECTED PER AMING REQUIREMENTS), INTEGRAL ELECTRONIC BALLAST, HOUSING ACCESSIBLE FOR MAINTENANCE FROM BELOW THE CEILING.	277 44	(1) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LITHONIA NO. DTH-16-39MHC-6AC-130-M-277 AND F700-SL, F700-ES, 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) CMH139W G12 T6/3000K 3400 INITIAL LUMENS ELECTRONIC BALLAST.	LITHONIA NO. ATH-16-39MHC-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-CLOSE STANDARD BLACK FINISH, DIE CAST GULLY GASKETED LOCKING RING 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) CMH170W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST.	INSIGHT MASQUE II NO. M02-70CMH-V0-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) CMH170W G12 T6/3000K 6200 INITIAL LUMENS ELECTRONIC BALLAST.	ARCHITECTURAL AREA LIGHTING SPECTRA NO. SP2-ANG-LD1-70MHT6-XXX-COP-3P12-XXX OR APPROVED EQUAL.
LNA	SURFACE MOUNTED LED NARROW BEAM GRADING FIXTURE WITH EXTRUDED ALUMINUM POWDER COAT FINISH, CLEAR POLYCARBONATE LENS, 22° SYMMETRIC BEAM DISTRIBUTION, 24V REMOTE POWER SUPPLY.	277 14	LED SOURCE 3000K C COLOR TEMP 24V REMOTE POWER SUPPLY	EXTERIURE VERT NO. MLE-41-0-1-XX-258-1-4 OR APPROVED EQUAL, PROVIDE LENGTHS AS REQUIRED TO FIT IN ARCH. OR SIGNAGE LOCATIONS AS SHOWN ON PLANS.



Southcentral Foundation
PCC III Clinic
Anchorage, Alaska

- REVISIONS
- 03-28-2008 RE: ASI-003
 - 04-17-2008 CORRECTIONS PER MOA COMMENTS
 - 04-17-2008 COORDINATION CORRECTIONS

JOB NO. 100179.00
DATE 03-11-2008
DRAWN ALM
REVIEWED TEL

LIGHT FIXTURE SCHEDULE

SHEET NO. E2.10



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**Southcentral Foundation
 PCC III Clinic
 Anchorage, Alaska**

REVISIONS
 03-28-2008 RE: ASI-003
 04-17-2008 CORRECTIONS PER MOA COMMENTS
 04-17-2008 COORDINATION CORRECTIONS
 SHEET REISSUED 5-20-08

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 DATE 5-20-2008
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LIGHTING FLOOR PLAN LEVEL 1

SHEET NO. E2.11

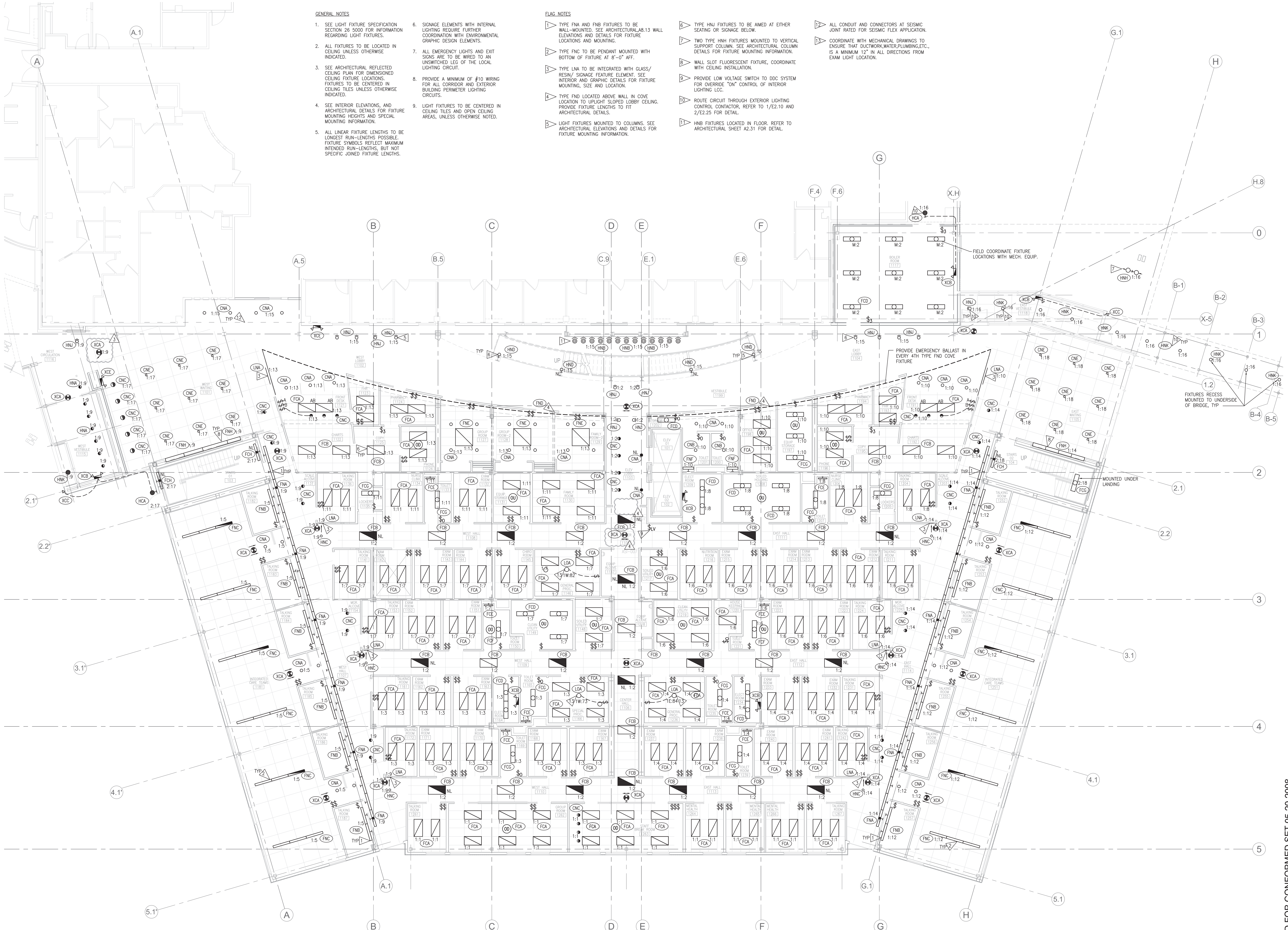
GENERAL NOTES

- SEE LIGHT FIXTURE SPECIFICATION SECTION 26 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
- ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
- SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
- ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.
- SIGNAGE ELEMENTS WITH INTERNAL LIGHTING REQUIRE FURTHER COORDINATION WITH ENVIRONMENTAL GRAPHIC DESIGN ELEMENTS.
- ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
- PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
- LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

FLAG NOTES

- TYPE FNA AND FNB FIXTURES TO BE WALL-MOUNTED. SEE ARCHITECTURAL A8.13 WALL ELEVATIONS AND DETAILS FOR FIXTURE LOCATIONS AND MOUNTING.
- TYPE FNC TO BE PENDANT MOUNTED WITH BOTTOM OF FIXTURE AT 8'-0" AFF.
- TYPE LNA TO BE INTEGRATED WITH GLASS/RESIN/ SIGNAGE FEATURE ELEMENT. SEE INTERIOR AND GRAPHIC DETAILS FOR FIXTURE MOUNTING, SEE AND LOCATION.
- TYPE FND LOCATED ABOVE WALL IN COVE LOCATION TO UPLIGHT SLOPED LOBBY CEILING. PROVIDE FIXTURE LENGTHS TO FIT ARCHITECTURAL DETAILS.
- LIGHT FIXTURES MOUNTED TO COLUMNS. SEE ARCHITECTURAL ELEVATIONS AND DETAILS FOR FIXTURE MOUNTING INFORMATION.
- TYPE HNJ FIXTURES TO BE AIMED AT EITHER SEATING OR SIGNAGE BELOW.
- TWO TYPE HNH FIXTURES MOUNTED TO VERTICAL SUPPORT COLUMN. SEE ARCHITECTURAL COLUMN DETAILS FOR FIXTURE MOUNTING INFORMATION.
- WALL SLOT FLUORESCENT FIXTURE, COORDINATE WITH CEILING INSTALLATION.
- PROVIDE LOW VOLTAGE SWITCH TO DDC SYSTEM FOR OVERRIDE "ON" CONTROL OF INTERIOR LIGHTING LCC.
- ROUTE CIRCUIT THROUGH EXTERIOR LIGHTING CONTROL CONTACTOR, REFER TO 1/E2.10 AND 2/E2.25 FOR DETAIL.
- HNB FIXTURES LOCATED IN FLOOR. REFER TO ARCHITECTURAL SHEET A2.31 FOR DETAIL.

- ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
- COORDINATE WITH MECHANICAL DRAWINGS TO ENSURE THAT DUCTWORK, WATER, PLUMBING, ETC., IS A MINIMUM 12" IN ALL DIRECTIONS FROM EXAM LIGHT LOCATION.



SHEET REISSUED FOR CONFORMED SET 05-20-2008

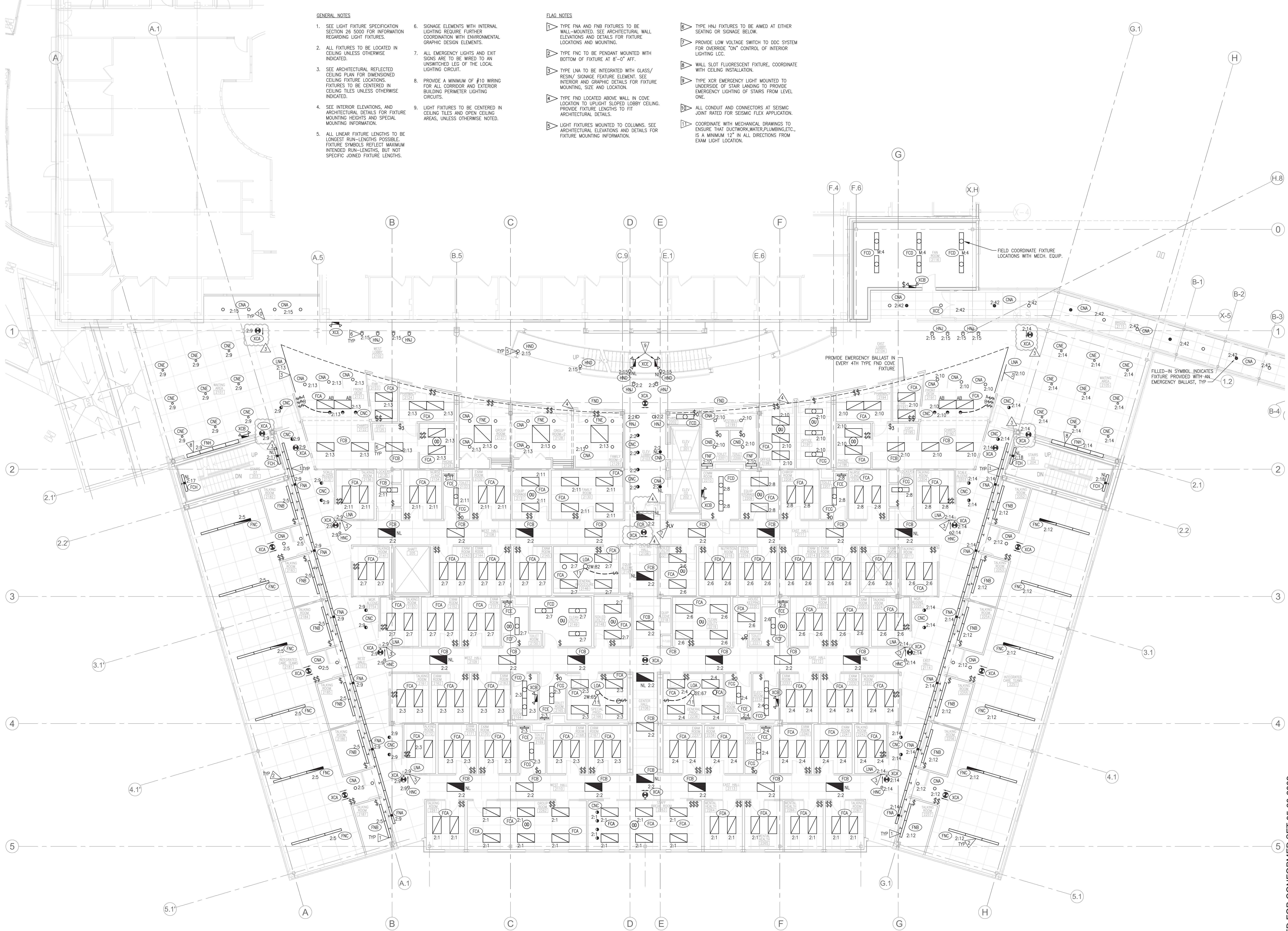
SHEET REISSUED FOR CONFORMED SET 05-20-2008

GENERAL NOTES

- SEE LIGHT FIXTURE SPECIFICATION SECTION 26 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
- ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
- SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
- ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.
- SIGNAGE ELEMENTS WITH INTERNAL LIGHTING REQUIRE FURTHER COORDINATION WITH ENVIRONMENTAL GRAPHIC DESIGN ELEMENTS.
- ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
- PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
- LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

FLAG NOTES

- TYPE FNA AND FNB FIXTURES TO BE WALL-MOUNTED. SEE ARCHITECTURAL WALL ELEVATIONS AND DETAILS FOR FIXTURE LOCATIONS AND MOUNTING.
- TYPE FNC TO BE PENDANT MOUNTED WITH BOTTOM OF FIXTURE AT 8'-0" AFF.
- TYPE LNA TO BE INTEGRATED WITH GLASS/RESIN SIGNAGE FEATURE ELEMENT. SEE INTERIOR AND GRAPHIC DETAILS FOR FIXTURE MOUNTING, SIZE AND LOCATION.
- TYPE FND LOCATED ABOVE WALL IN COVE LOCATION TO UPLIGHT SLOPED LOBBY CEILING. PROVIDE FIXTURE LENGTHS TO FIT ARCHITECTURAL DETAILS.
- LIGHT FIXTURES MOUNTED TO COLUMNS. SEE ARCHITECTURAL ELEVATIONS AND DETAILS FOR FIXTURE MOUNTING INFORMATION.
- TYPE HNJ FIXTURES TO BE AIMED AT EITHER SEATING OR SIGNAGE BELOW.
- PROVIDE LOW VOLTAGE SWITCH TO DDC SYSTEM FOR OVERRIDE "ON" CONTROL OF INTERIOR LIGHTING LCC.
- WALL SLOT FLUORESCENT FIXTURE. COORDINATE WITH CEILING INSTALLATION.
- TYPE XCR EMERGENCY LIGHT MOUNTED TO UNDERSIDE OF STAIR LANDING TO PROVIDE EMERGENCY LIGHTING OF STAIRS FROM LEVEL ONE.
- ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
- COORDINATE WITH MECHANICAL DRAWINGS TO ENSURE THAT DUCTWORK, WATER, PLUMBING, ETC., IS A MINIMUM 12" IN ALL DIRECTIONS FROM EXAM LIGHT LOCATION.





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**Southcentral Foundation
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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
4	SHEET REISSUED	5-20-08

JOB NO.	100179_00
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LIGHTING FLOOR PLAN LEVEL 3

SHEET NO. **E2.13**

SHEET REISSUED FOR CONFORMED SET 05-20-2008

GENERAL NOTES

- SEE LIGHT FIXTURE SPECIFICATION SECTION 28 5000 FOR INFORMATION REGARDING LIGHT FIXTURES.
- ALL FIXTURES TO BE LOCATED IN CEILING UNLESS OTHERWISE INDICATED.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED CEILING FIXTURE LOCATIONS. FIXTURES TO BE CENTERED IN CEILING TILES UNLESS OTHERWISE INDICATED.
- SEE INTERIOR ELEVATIONS, AND ARCHITECTURAL DETAILS FOR FIXTURE MOUNTING HEIGHTS AND SPECIAL MOUNTING INFORMATION.
- ALL LINEAR FIXTURE LENGTHS TO BE LONGEST RUN-LENGTHS POSSIBLE. FIXTURE SYMBOLS REFLECT MAXIMUM INTENDED RUN-LENGTHS, BUT NOT SPECIFIC JOINED FIXTURE LENGTHS.

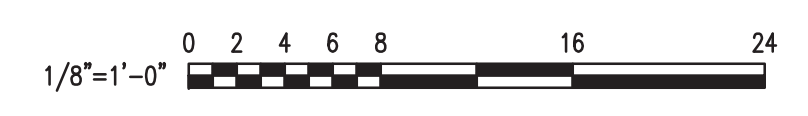
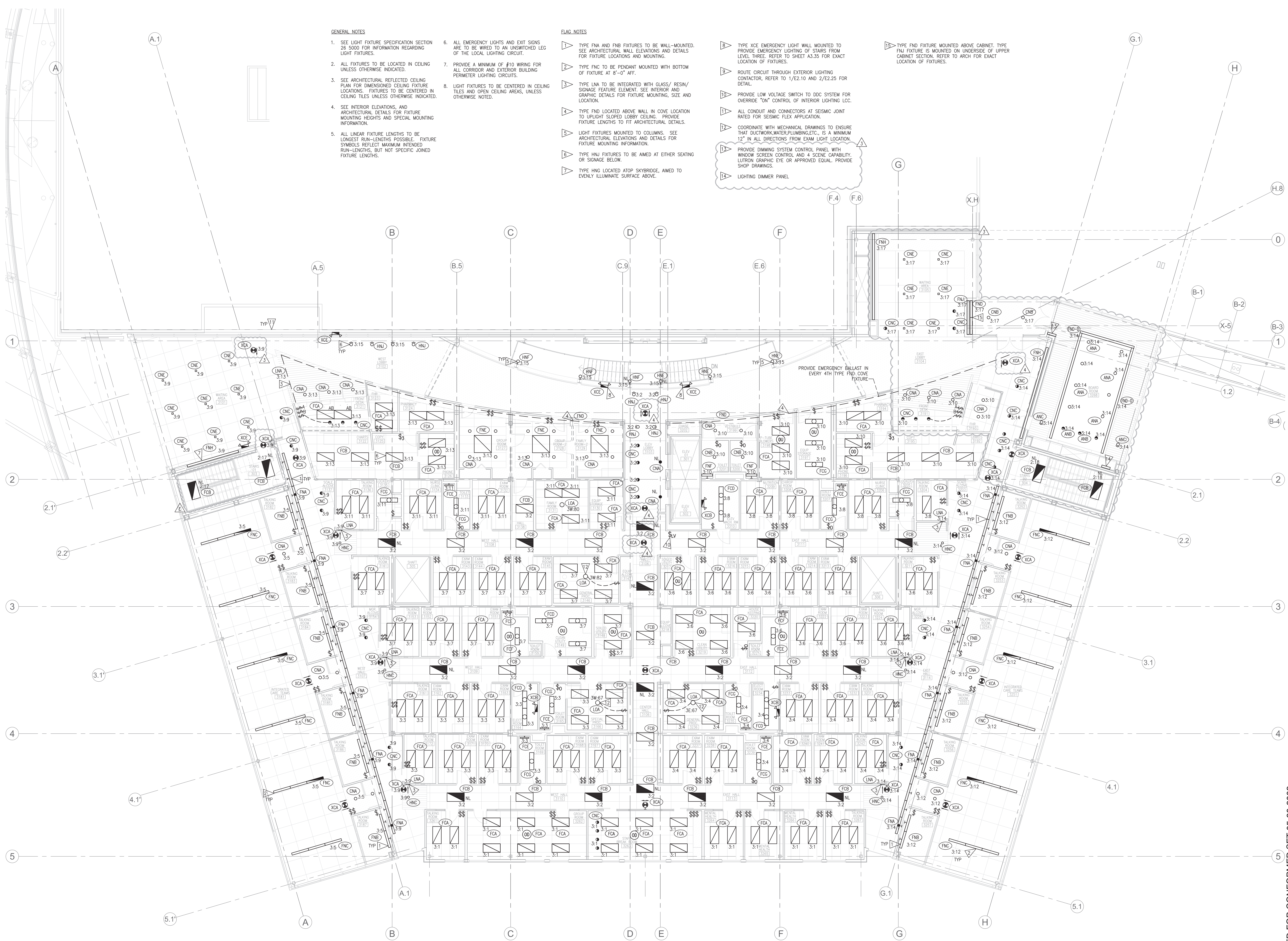
- ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE TO BE WIRED TO AN UNSWITCHED LEG OF THE LOCAL LIGHTING CIRCUIT.
- PROVIDE A MINIMUM OF #10 WIRING FOR ALL CORRIDOR AND EXTERIOR BUILDING PERIMETER LIGHTING CIRCUITS.
- LIGHT FIXTURES TO BE CENTERED IN CEILING TILES AND OPEN CEILING AREAS, UNLESS OTHERWISE NOTED.

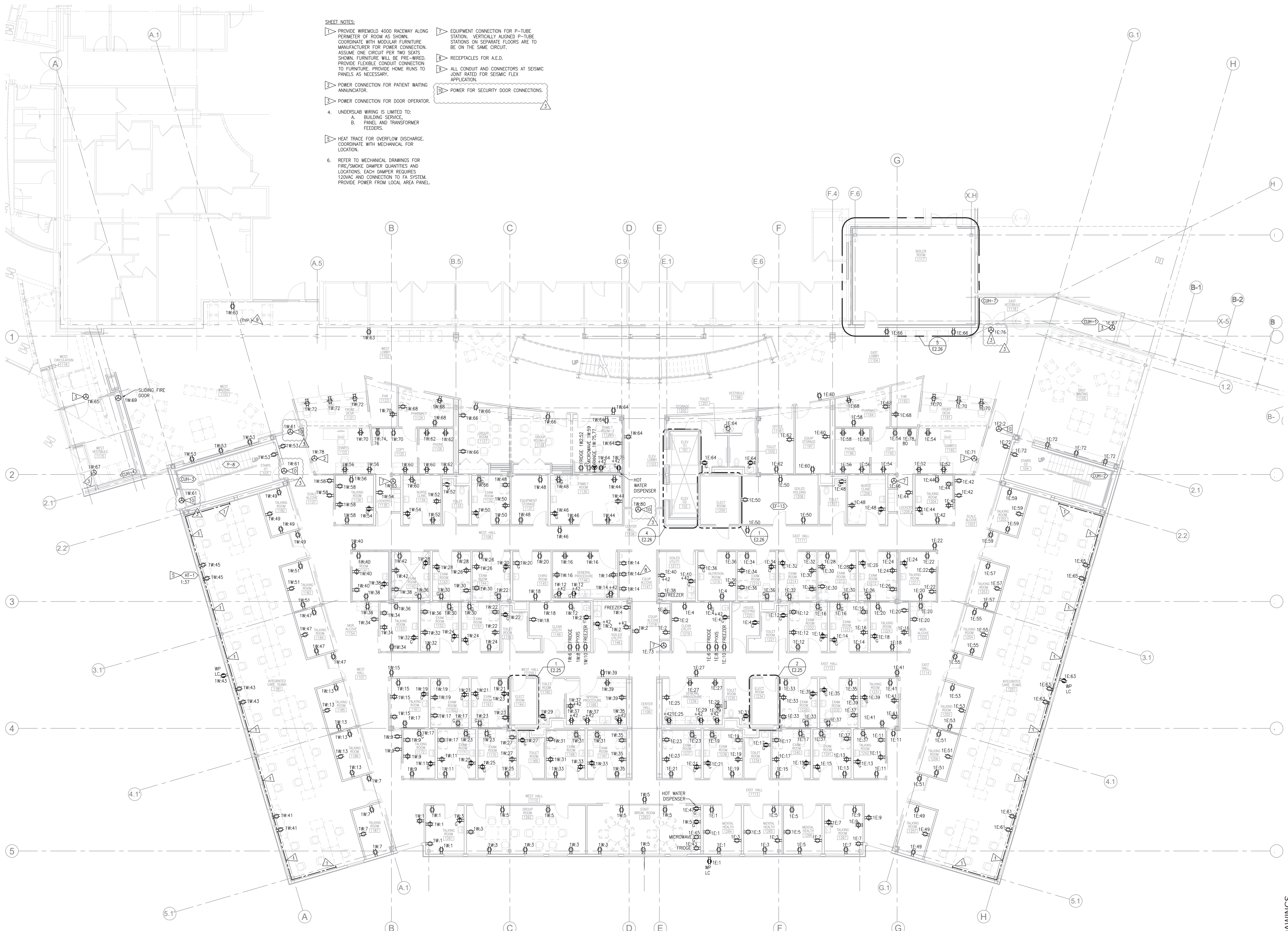
FLAG NOTES

- 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 UPRIGHT 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 CONTRACTOR, 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

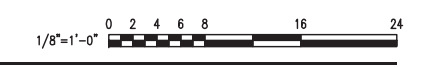
- 15 TYPE FND FIXTURE MOUNTED ABOVE CABINET. TYPE FND FIXTURE IS MOUNTED ON UNDERSIDE OF UPPER CABINET SECTION. REFER TO ARCH FOR EXACT LOCATION OF FIXTURES.





- SHEET NOTES:**
- ▷ PROVIDE WIREMOLD 4000 RACEMAY 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.
 - ▷ POWER CONNECTION FOR PATIENT WAITING ANNUNCIATOR.
 - ▷ POWER CONNECTION FOR DOOR OPERATOR.
 - 4. UNDERSLAB WIRING IS LIMITED TO:
 - A. BUILDING SERVICE.
 - B. PANEL AND TRANSFORMER FEEDERS.
 - ▷ 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.
 - ▷ EQUIPMENT CONNECTION FOR P-TUBE STATION. VERTICALLY ALIGNED P-TUBE STATIONS ON SEPARATE FLOORS ARE TO BE ON THE SAME CIRCUIT.
 - ▷ RECEPTACLES FOR A.E.D.
 - ▷ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▷ POWER FOR SECURITY DOOR CONNECTIONS.

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



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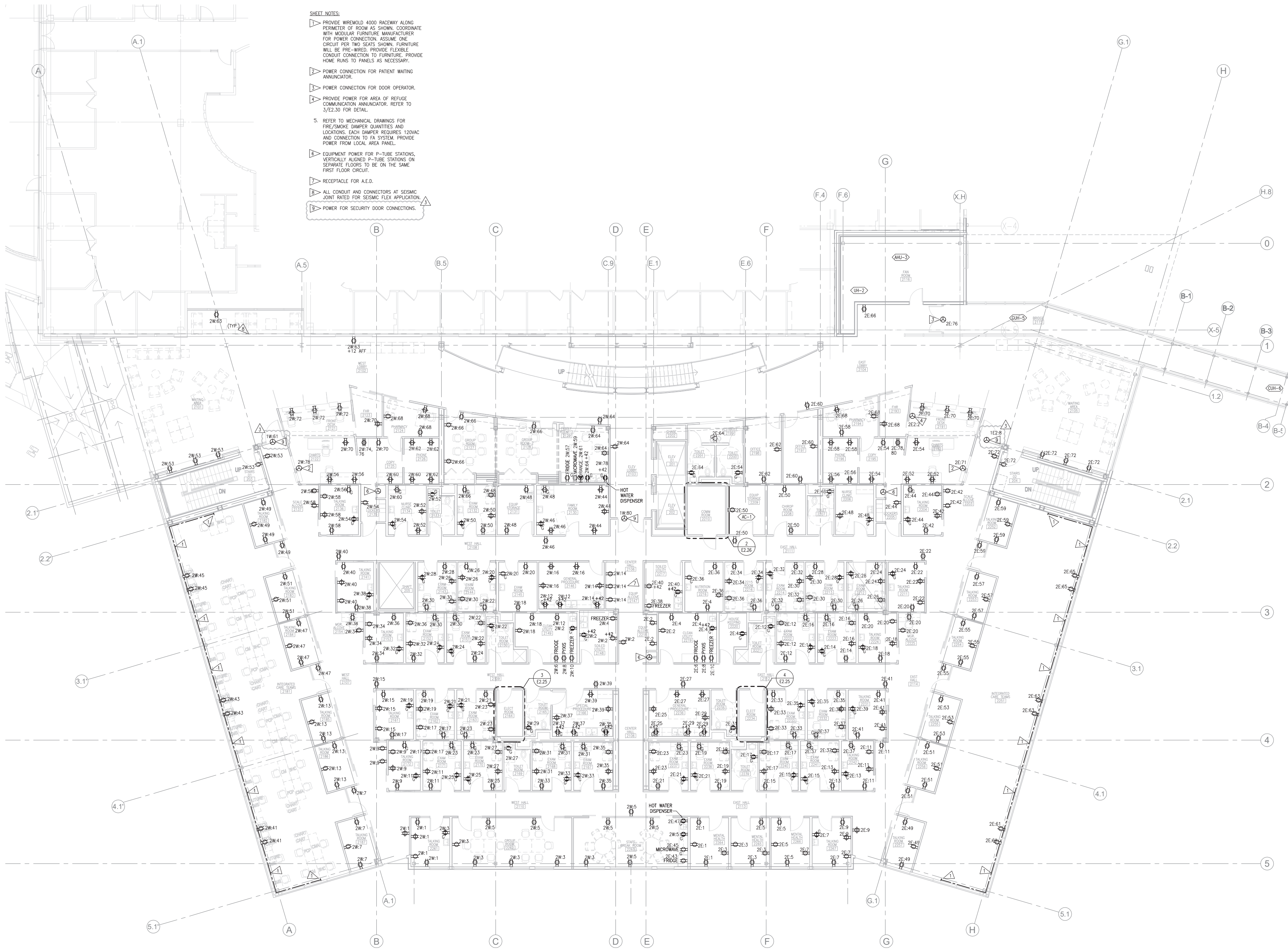
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- REVISIONS**
- ▷ 03-28-2008 RE: ASI-003
 - ▷ 04-17-2008 CORRECTIONS PER MOA COMMENTS
 - ▷ 04-17-2008 COORDINATION CORRECTIONS

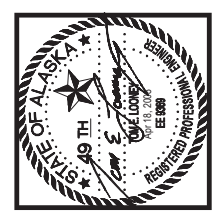
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**POWER FLOOR PLAN
 LEVEL 1**

SHEET NO.
E2.21
 E2.21 POWER FLOOR PLAN



- SHEET NOTES:**
- ▽ 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.
 - ▽ POWER CONNECTION FOR PATIENT WAITING ANNUNCIATOR.
 - ▽ POWER CONNECTION FOR DOOR OPERATOR.
 - ▽ PROVIDE POWER FOR AREA OF REFUGE COMMUNICATION ANNUNCIATOR. REFER TO 3/EZ.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.
 - ▽ EQUIPMENT POWER FOR P-TUBE STATIONS. VERTICALLY ALIGNED P-TUBE STATIONS ON SEPARATE FLOORS TO BE ON THE SAME FIRST FLOOR CIRCUIT.
 - ▽ RECEPTACLE FOR A.E.D.
 - ▽ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▽ POWER FOR SECURITY DOOR CONNECTIONS.



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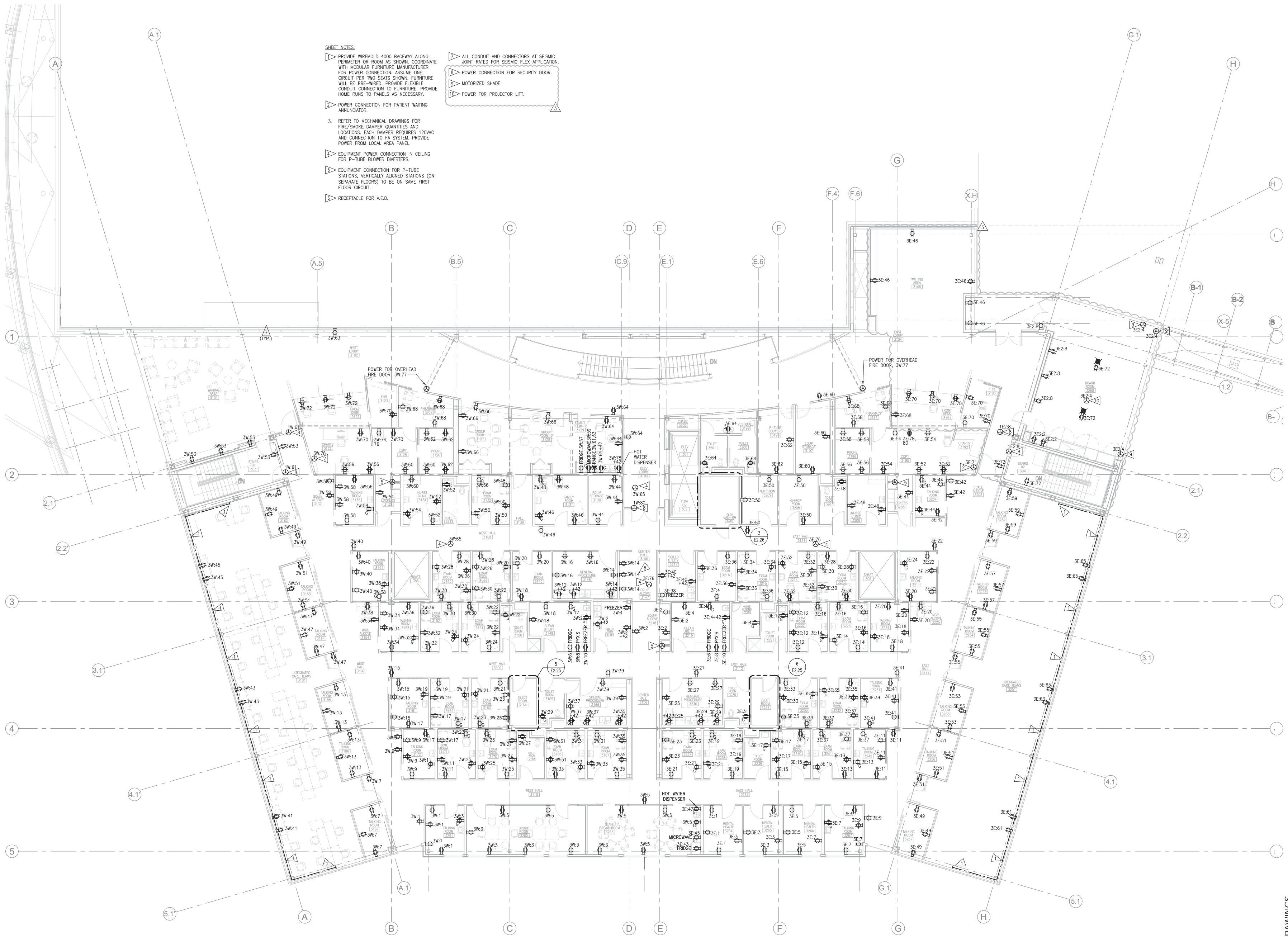
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04-17-2008	COORDINATION CORRECTIONS

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POWER FLOOR PLAN LEVEL 2

SHEET NO.
E2.22
 (E2.22 POWER FLOOR PLAN)

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





- SHEET NOTES:**
- ▷ 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.
 - ▷ 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.
 - ▷ EQUIPMENT POWER CONNECTION IN CEILING FOR P-TUBE BLOWER OVERHEADS.
 - ▷ EQUIPMENT CONNECTION FOR P-TUBE STATIONS. VERTICALLY ALIGNED STATIONS (ON SEPARATE FLOORS) TO BE ON SAME FIRST FLOOR CIRCUIT.
 - ▷ RECEPTACLE FOR A.E.D.
- ▷ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▷ POWER CONNECTION FOR SECURITY DOOR.
 - ▷ MOTORIZED SHADE
 - ▷ POWER FOR PROJECTOR LIGHT.

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



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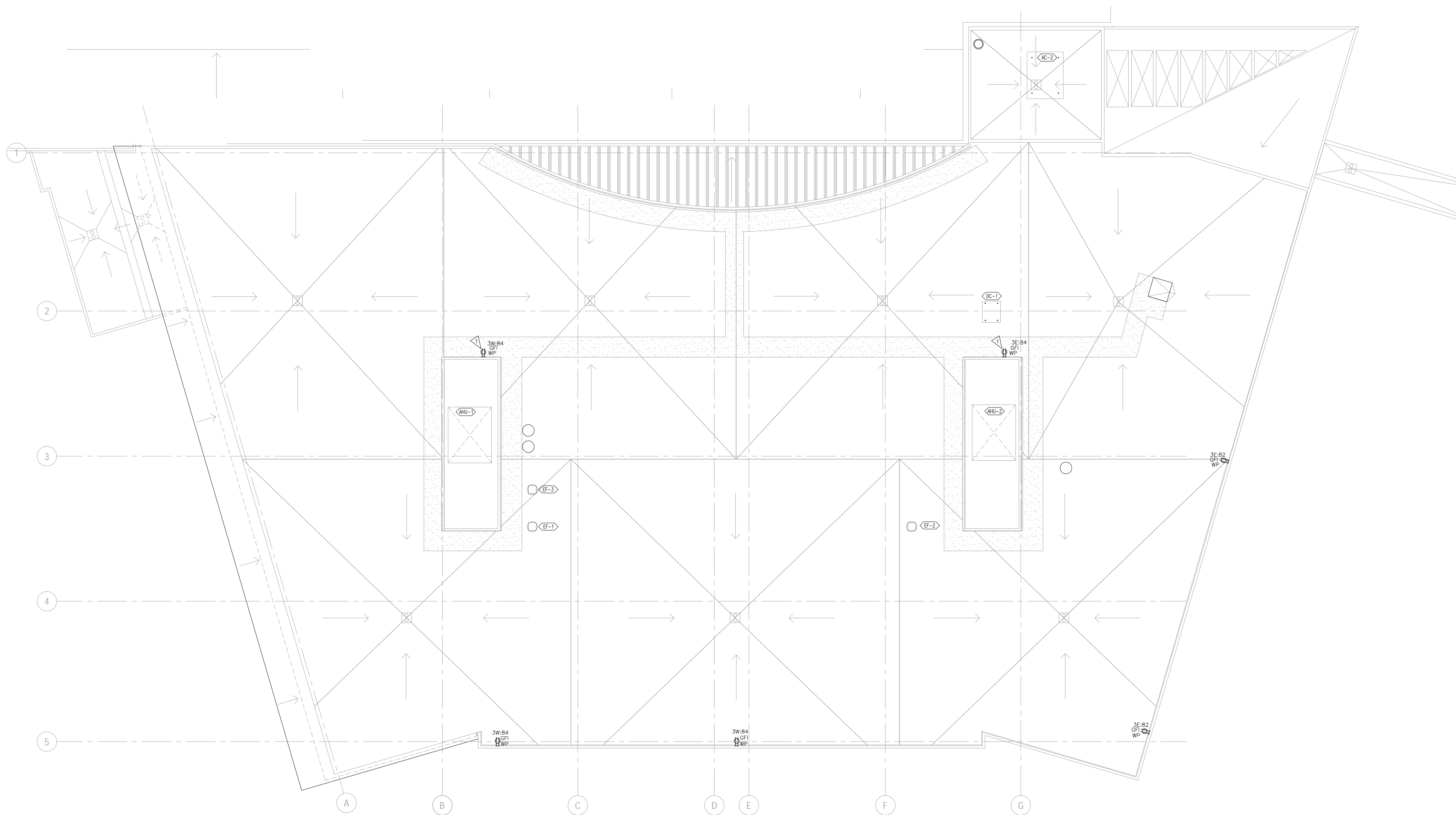
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CONFORMED DRAWINGS
 JOB NO. 100179-00
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POWER FLOOR PLAN LEVEL 3
 SHEET NO. **E2.23**
 (E2.23 POWER FLOOR PLAN)

FLAG NOTES
 ▽ MOUNT RECEPTACLE TO EXTERIOR OF AIR HANDLING UNIT ENCLOSURES.



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

1/8"=1'-0" 0 2 4 6 8 16 24



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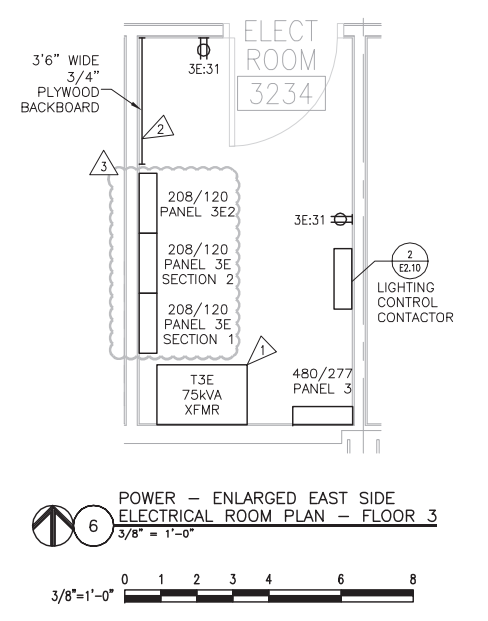
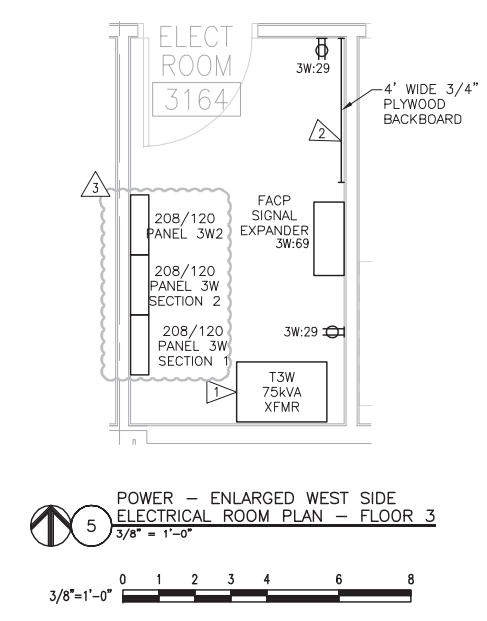
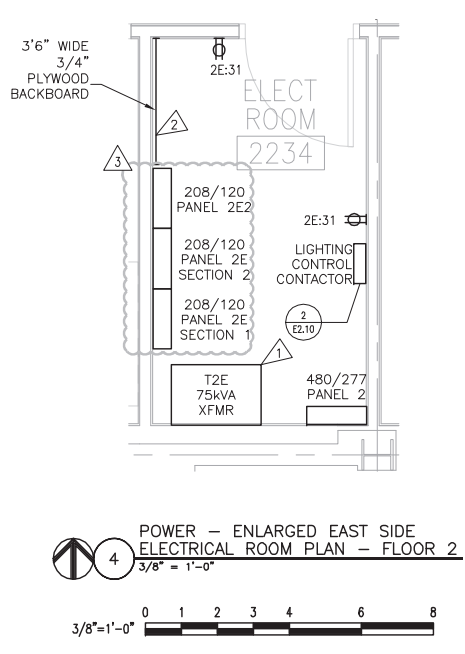
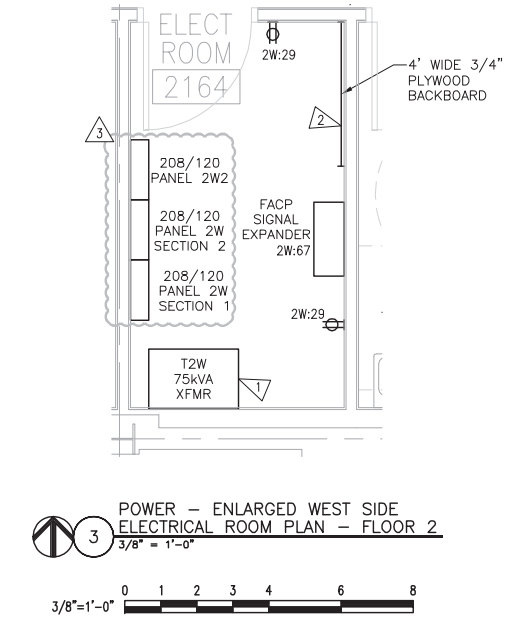
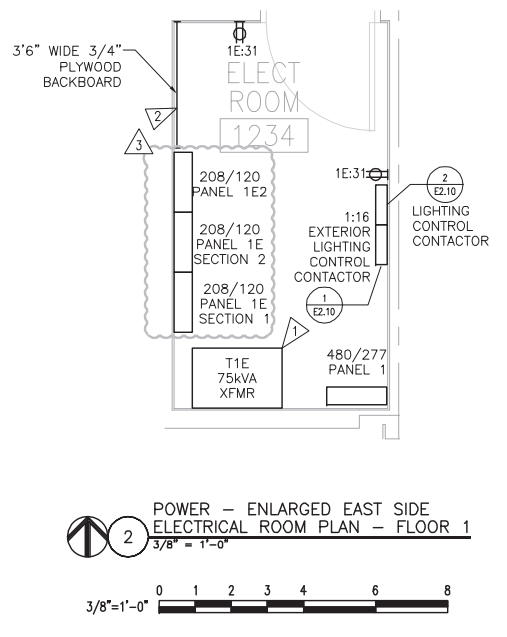
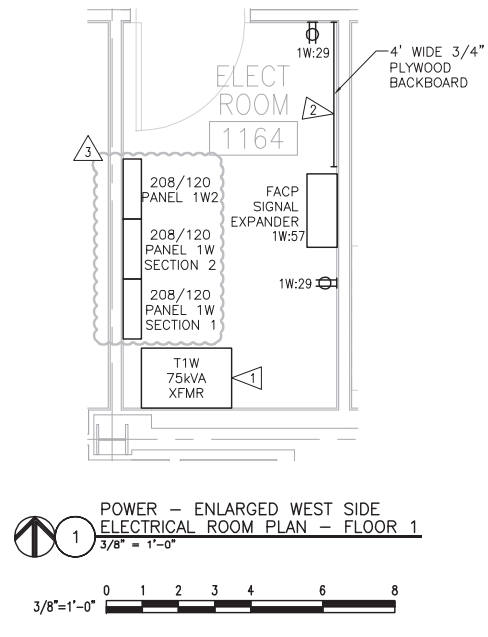
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**POWER
 ROOF PLAN**

SHEET NO.
E2.24
 E2.24 POWER ROOF PLAN

CONFORMED DRAWINGS



SHEET NOTES:
 ▷ PROVIDE HOUSEKEEPING PAD BENEATH TRANSFORMER.
 ▷ PLYWOOD BACKBOARD SHALL BE FIRE-RETARDANT AND PAINTED.



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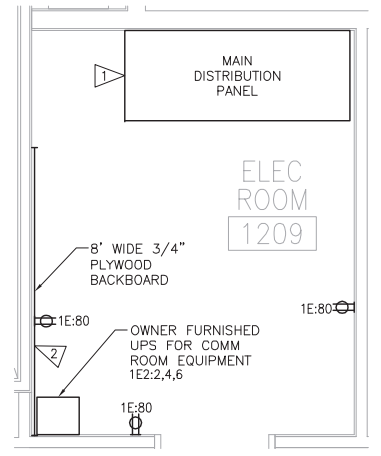
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04-17-2008 COORDINATION CORRECTIONS		

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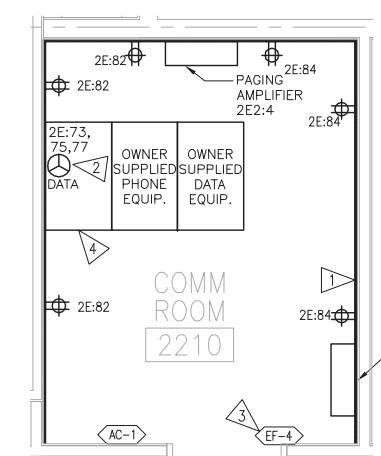
**POWER
 ENLARGED ROOM
 PLANS**

SHEET NO.
E2.25
 2234 POWER ENLARGED PANELING

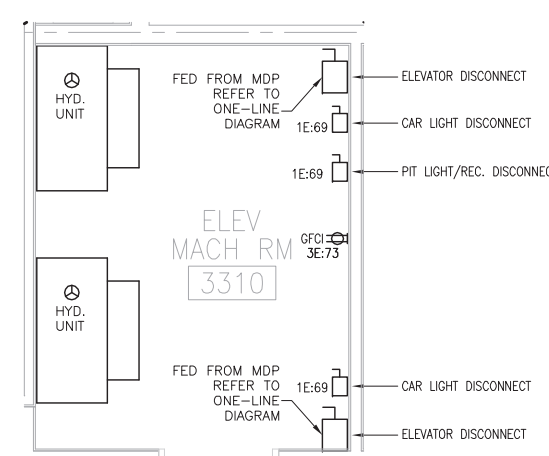
CONFORMED DRAWINGS



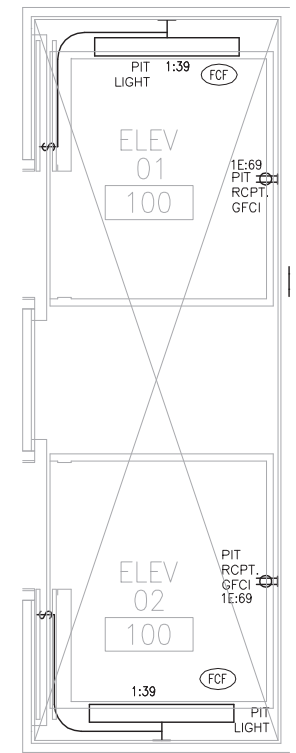
1 POWER - ENLARGED MAIN ELECTRICAL ROOM PLAN - FLOOR 1
3/8" = 1'-0"



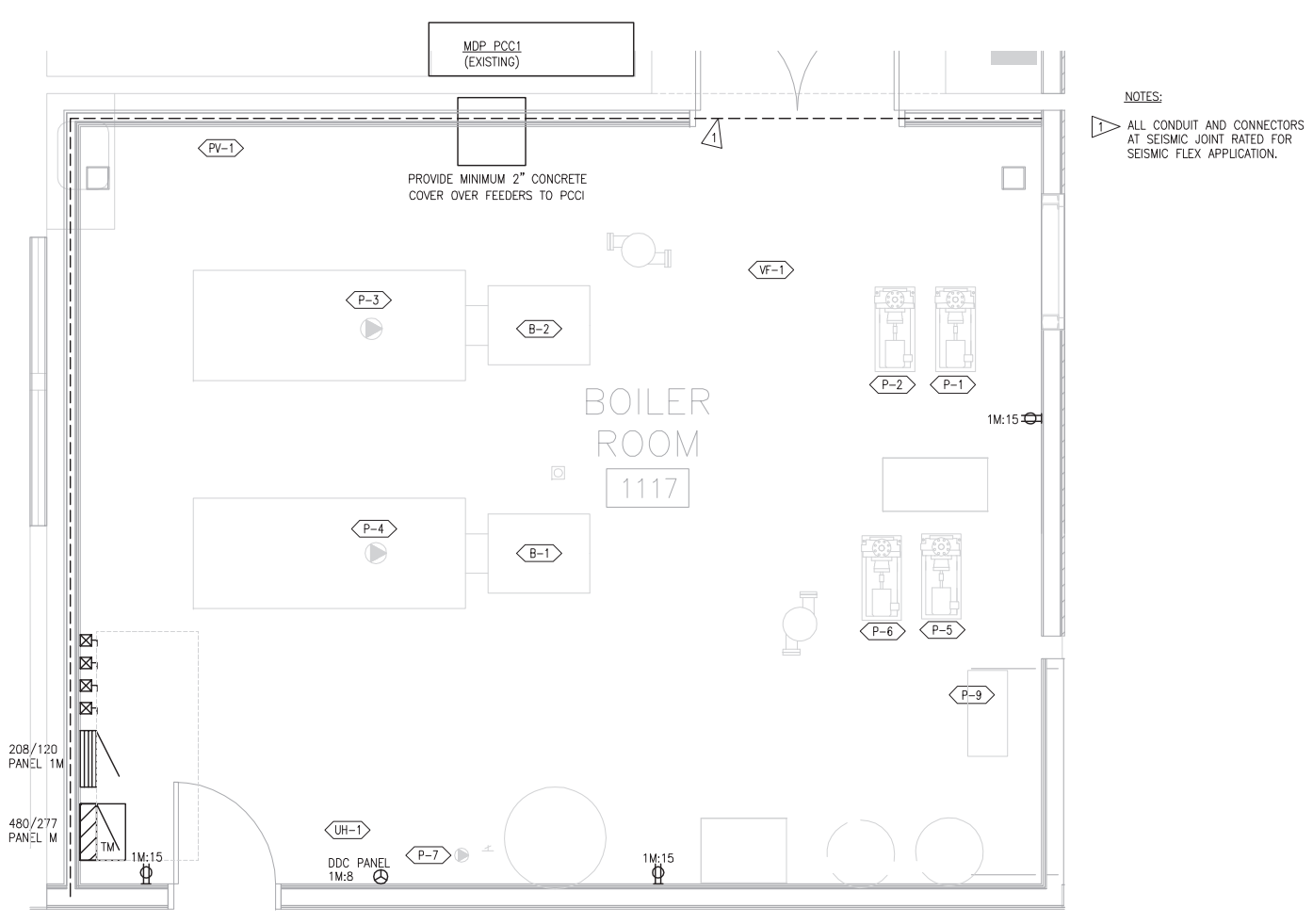
2 POWER - ENLARGED COMM. ROOM PLAN - FLOOR 2
3/8" = 1'-0"



3 POWER - ENLARGED ELEVATOR MACHINERY ROOM PLAN - FLOOR 3
3/8" = 1'-0"



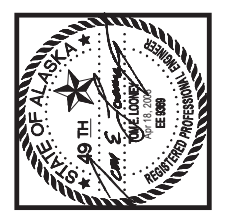
4 POWER - ENLARGED ELEVATOR ROOM PLAN - FLOOR 1
3/8" = 1'-0"



5 ENLARGED BOILER ROOM PLAN - FLOOR 1
3/8" = 1'-0"

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, 2#12, #12 GND	
P-8	SNOW MELT PUMP	1ST FLOOR WEST STAIRS	120/1	S	1/2 HP	9.8	1E-2	1/2" C, 2#12, #12 GND	
P-9	SNOW MELT PUMP	BOILER ROOM	120/1	S	1/2 HP	9.8	1M-17	1/2" C, 2#12, #12 GND	
P-10	SNOW MELT PUMP	1ST FL WEST	120/1	S	1/2 HP	9.8		1/2" C, 2#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	VENTILATION FAN	BOILER ROOM	480/3	THLD	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	2E-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 E1 M Rm)	480/3	D	1 HP	2.1	3: 19,21,23	1/2" C, 2#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	

6 PCC3 - MECHANICAL EQUIPMENT SCHEDULE



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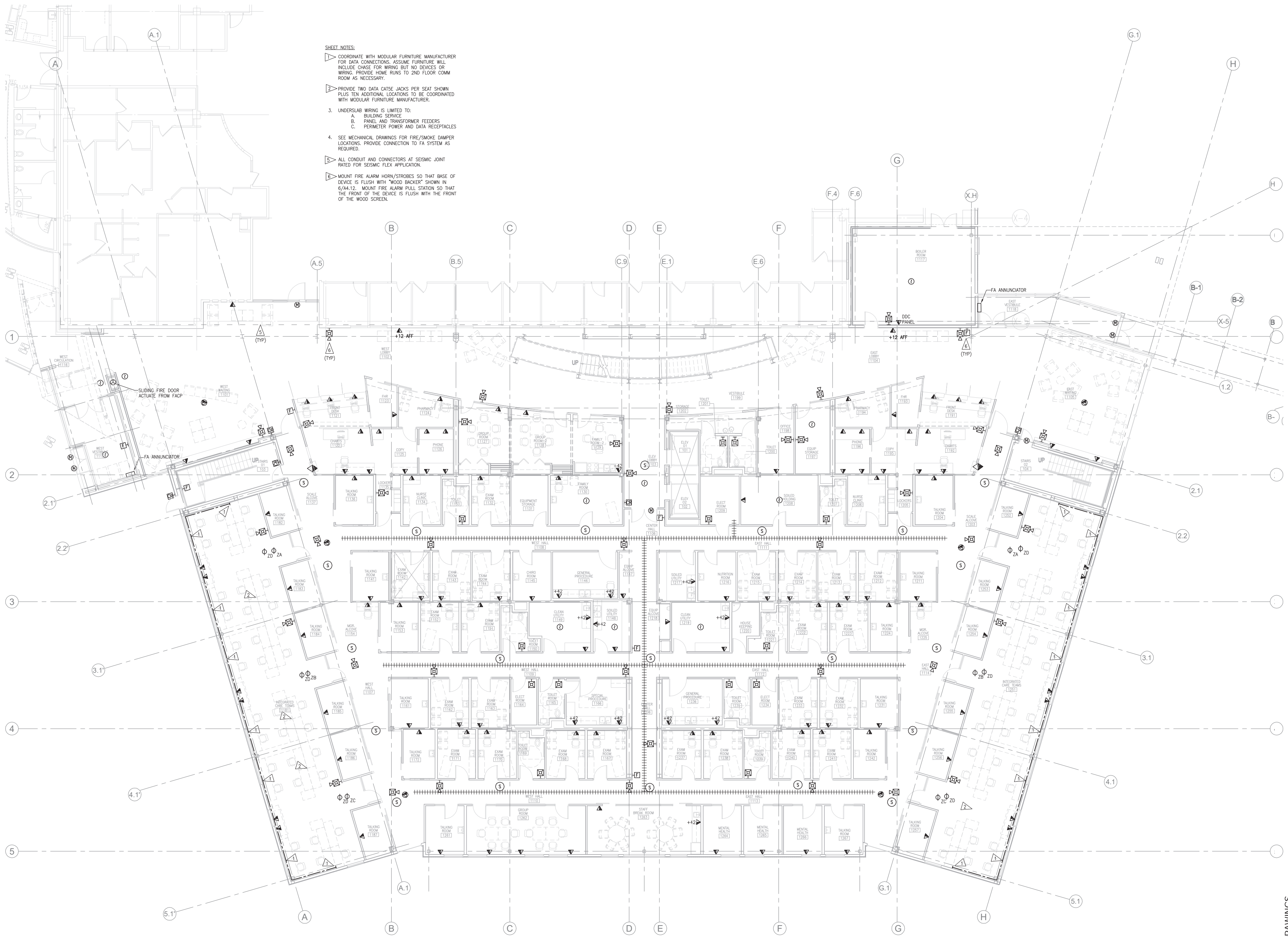
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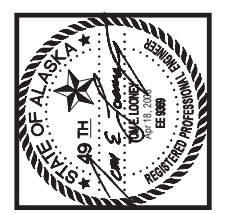
POWER ENLARGED ROOM PLANS

SHEET NO: **E2.26**
E2.26 POWER ENLARGED ROOM PLANS

CONFORMED DRAWINGS



- SHEET NOTES:**
- ▷ 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.
 - ▷ PROVIDE TWO DATA CATSE 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.
 - ▷ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▷ 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.



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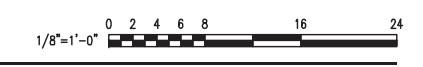
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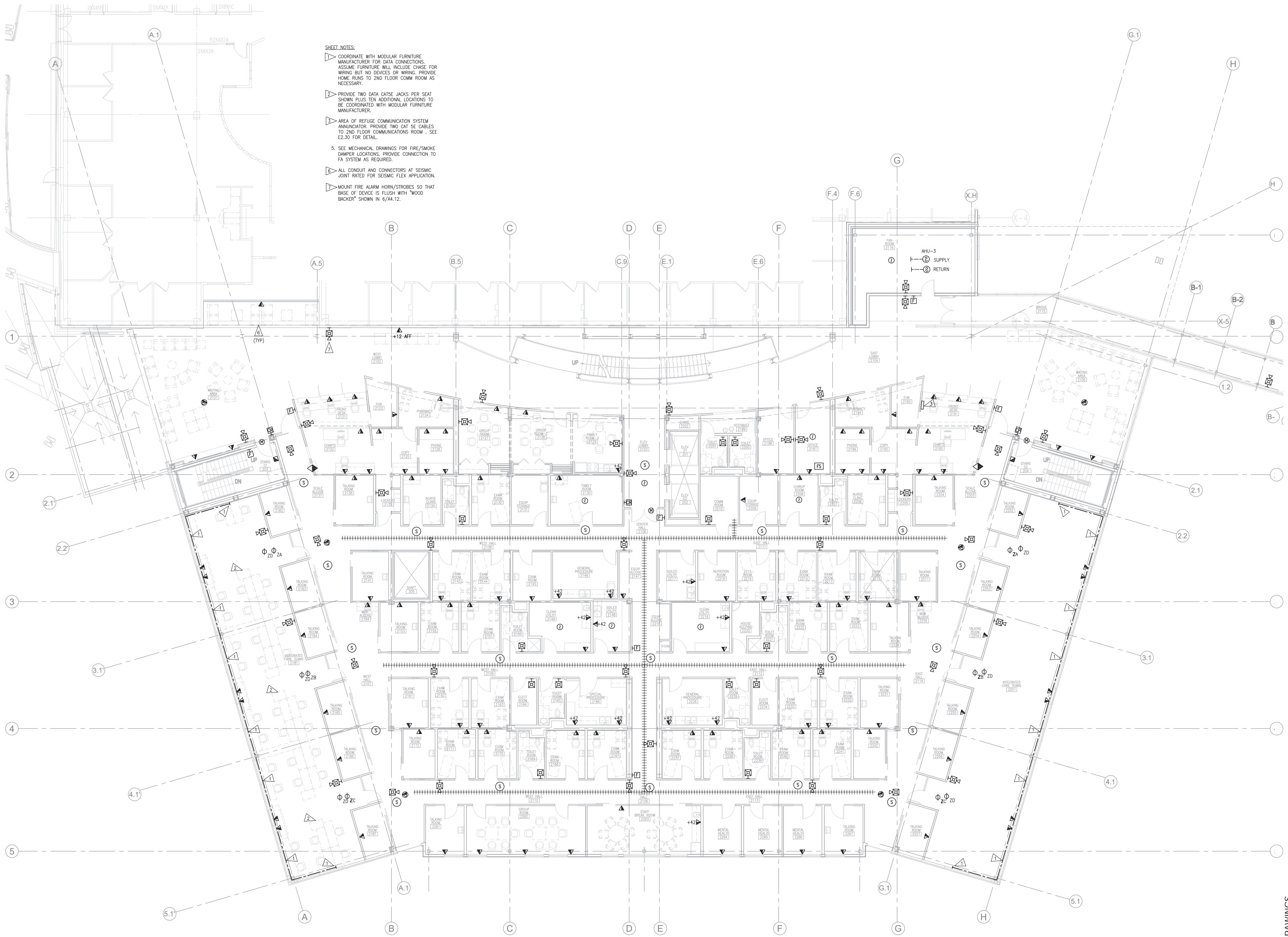
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SIGNAL FLOOR PLAN LEVEL 1

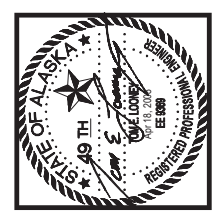
SHEET NO. **E2.31**
 (E2.31 SIGNAL FLOOR PLAN)

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





- SHEET NOTES:**
- ▽ 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.
 - ▽ PROVIDE TWO DATA CATSE JACKS PER SEAT SHOWN PLUS TEN ADDITIONAL LOCATIONS TO BE COORDINATED WITH MODULAR FURNITURE MANUFACTURER.
 - ▽ AREA OF REFUGE COMMUNICATION SYSTEM ANNUNCIATOR. PROVIDE TWO CATSE CABLES TO 2ND FLOOR COMMUNICATIONS ROOM - SEE E2.30 FOR DETAIL.
 - 5. SEE MECHANICAL DRAWINGS FOR FIRE/SMOKE DAMPER LOCATIONS. PROVIDE CONNECTION TO FA SYSTEM AS REQUIRED.
 - ▽ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▽ MOUNT FIRE ALARM HORN/STROBES SO THAT BASE OF DEVICE IS FLUSH WITH "WOOD BACKER" SHOWN IN 6/A4.12.



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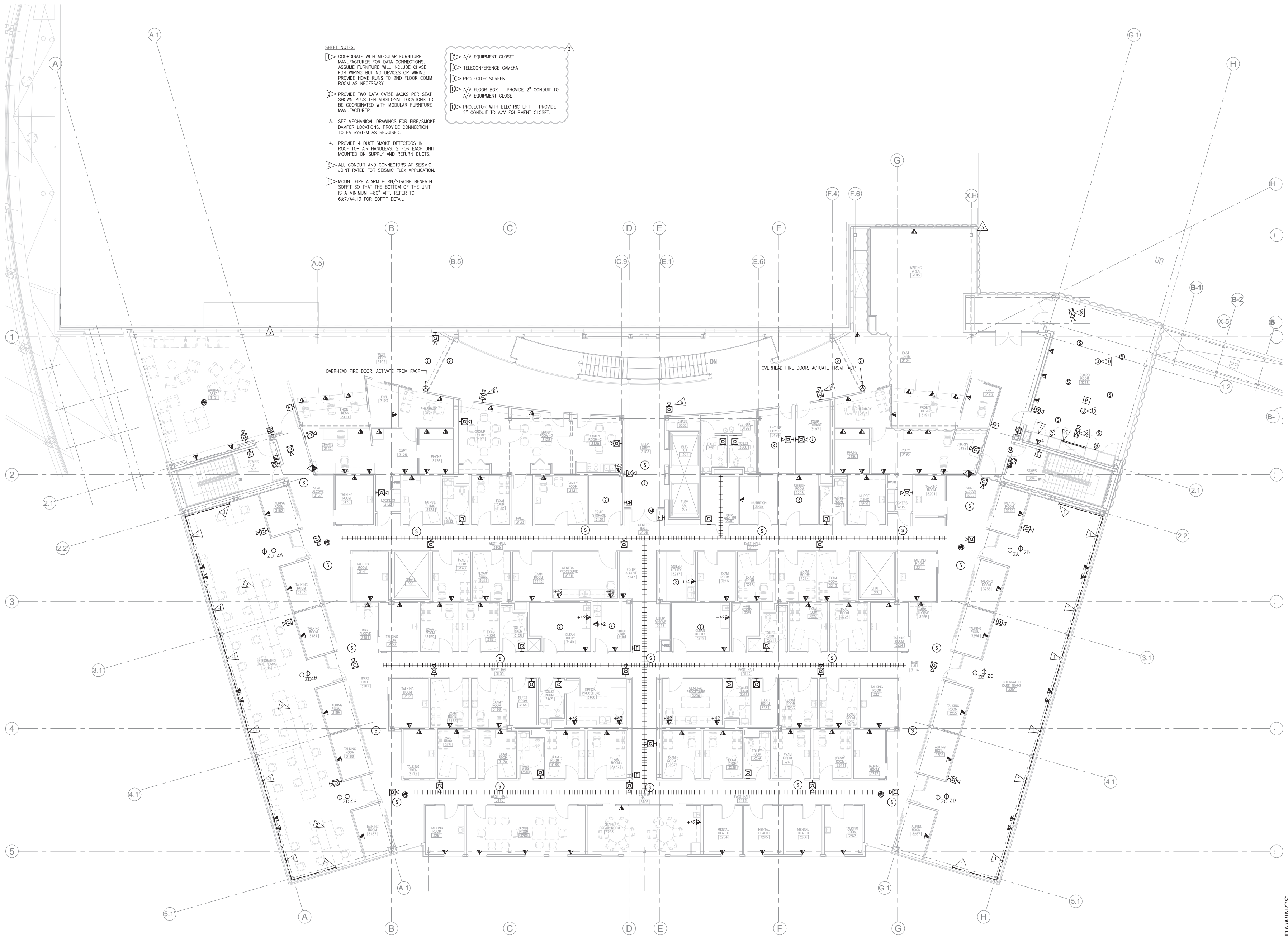
**SIGNAL
 FLOOR PLAN
 LEVEL 2 / BRIDGE**

SHEET NO.
E2.32
 E2.32 SIGNAL FLOOR PLAN

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

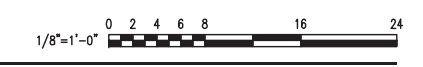


CONFORMED DRAWINGS



- SHEET NOTES:**
- ▷ 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.
 - ▷ PROVIDE TWO DATA CATSE 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.
 - ▷ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT RATED FOR SEISMIC FLEX APPLICATION.
 - ▷ MOUNT FIRE ALARM HORN/STROBE BENEATH SOFFIT SO THAT THE BOTTOM OF THE UNIT IS A MINIMUM +50" AFF. REFER TO 6&7/44.13 FOR SOFFIT DETAIL.
- LEGEND:**
- ▷ A/V EQUIPMENT CLOSET
 - ▷ TELECONFERENCE CAMERA
 - ▷ PROJECTOR SCREEN
 - ▷ A/V FLOOR BOX - PROVIDE 2" CONDUIT TO A/V EQUIPMENT CLOSET.
 - ▷ PROJECTOR WITH ELECTRIC LIFT - PROVIDE 2" CONDUIT TO A/V EQUIPMENT CLOSET.

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



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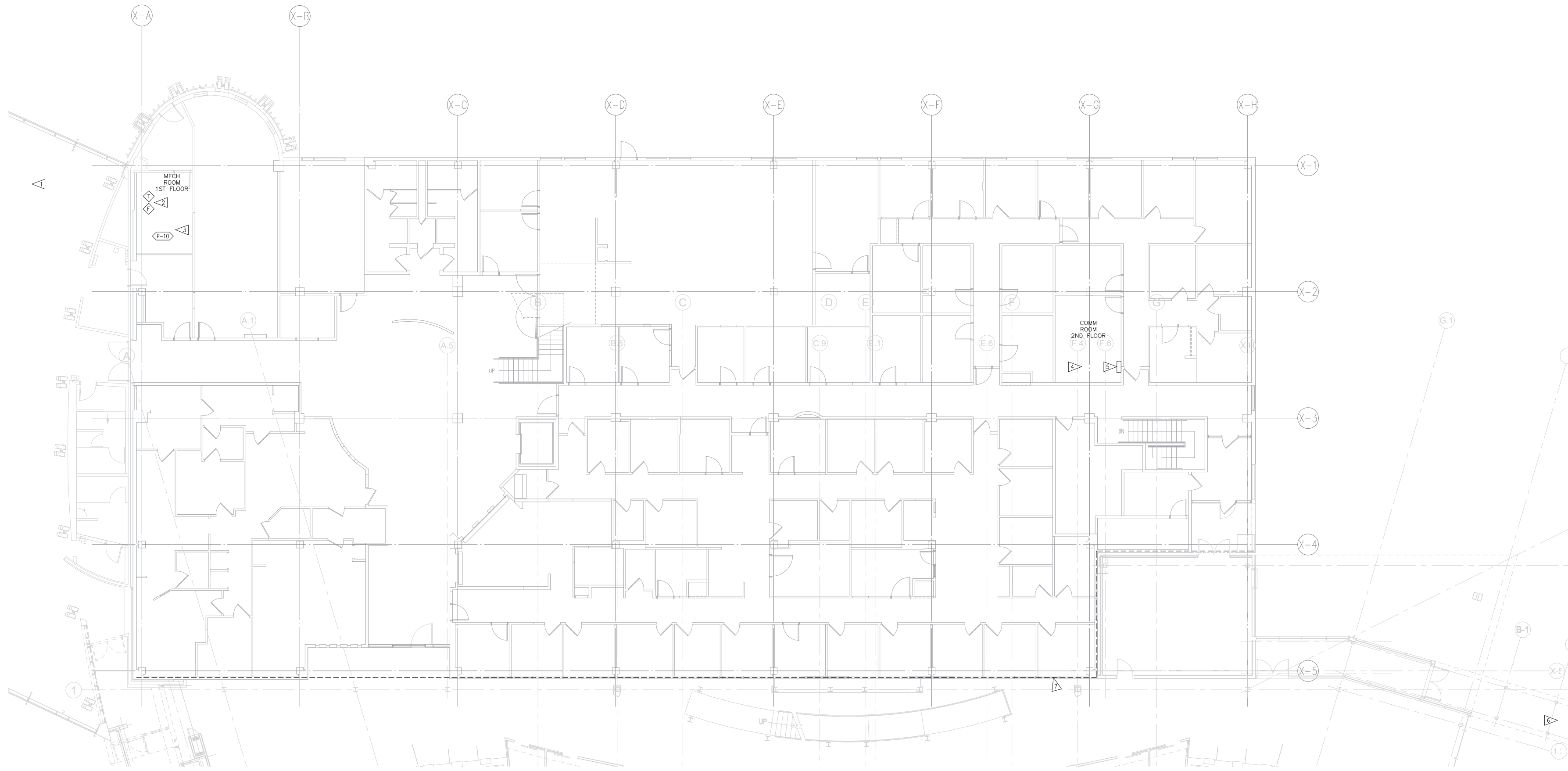
REVISIONS

03-28-2008	RE: ASI-003
04-17-2008	CORRECTIONS PER MOA COMMENTS
04-17-2008	COORDINATION CORRECTIONS

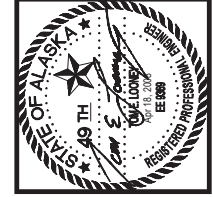
CONFORMED DRAWINGS
JOB NO. 100179-00
DATE 03-11-2008
DRAWN ALM
REVIEWED TEL

SIGNAL FLOOR PLAN LEVEL 3
SHEET NO. **E2.33**
E2.33 SIGNAL FLOOR PLAN

- NOTES:
- ▷ REPLACE EXISTING FIRE ALARM ANNUNCIATOR AT FIRST FLOOR ENTRY.
 - ▷ PROVIDE NEW FLOW AND TAMPER SWITCHES FOR PCC3 SPRINKLER ZONE AND CONNECT TO EXISTING FIRE ALARM.
 - ▷ SNOW MELT PUMPS - COORDINATE WITH MECHANICAL CONTRACTOR.
 - ▷ PROVIDE 2 4" CONDUITS FROM 2ND FLOOR PCC1 COMM ROOM TO 2ND FLOOR PCC3 COMM ROOM. PROVIDE INTERCONNECT CABLING AS SHOWN ON RISER DIAGRAM.
 - ▷ EXISTING FIRE ALARM CONTROL PANEL - EXTEND INITIATION CIRCUITS TO ACCOMMODATE PCC3 DEVICES AND NEW ANNUNCIATION PANELS. UPGRADE PANEL, POWER SUPPLY, AND BATTERIES AS REQUIRED.
 - ▷ 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').
 - ▷ ALL CONDUIT AND CONNECTORS AT SEISMIC JOINT TO BE RATED FOR THIS INSTALLATION.



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



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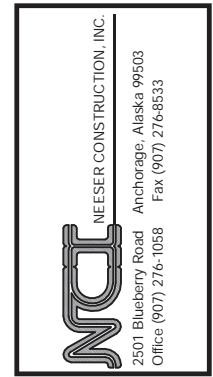
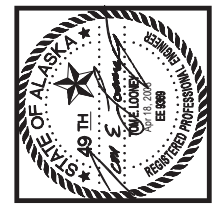
REVISIONS

03-28-2008	RE: ASI-003
04-17-2008	CORRECTIONS PER MOA COMMENTS
04-17-2008	COORDINATION CORRECTIONS

JOB NO. 100179_00
 DATE 03-13-2008
 DRAWN ALM
 REVIEWED TEL

CONFORMED DRAWINGS
SIGNAL TO PCC1

SHEET NO.
E2.34
ES&K ARCHITECTS PCL 08/06



Southcentral Foundation PCC III Clinic Anchorage, Alaska

REVISIONS	DATE	BY
03-28-2008	RE: ASI-003	
04-17-2008	CORRECTIONS PER MOA COMMENTS	
04-17-2008	COORDINATION CORRECTIONS	

JOB NO.	10079.00
DATE	03-11-2008
DRAWN	ALM
REVIEWED	

SIGNAL RISER DIAGRAMS

SHEET NO. **E2.35**

CONFORMED DRAWINGS

