



SCF Contracts Department  
7033 East Tudor Road  
Anchorage, AK 99507

To: Prospective Bidders  
Date: December 30, 2024

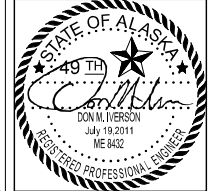
RE: Addendum No. 2  
VNPCC Roof Replacement  
ITB # SCF2-1151

Issue Date: December 10, 2024

This document forms a part of the Contract Documents and modifies the original Procurement Documents dated December 10, 2024. Acknowledge receipt of this Addendum in the provided on the Bid Form. Failure to acknowledge receipt of this addendum may subject Proposers to disqualification.

This Addendum consists of six (6) pages.

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1. Exhibit Drawings dated 9/16/2011 Southcentral Foundation Valley Native Primary Care Center consisting of 5 sheets:
    1. M1.61 LEVEL 2 – ENLARGED HVAC PLAN – NW
    2. M1.62 LEVEL 2 – ENLARGED HVAC PLAN – NE
    3. M3.01 SECTIONS
    4. M3.02 SECTIONS
    5. M5.05 MECHANICAL EQUIPMENT SCHEDULES



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Southcentral Foundation  
 Valley Native Primary Care Center  
 Wasilla, Alaska

REVISION	DESCRIPTION	DATE

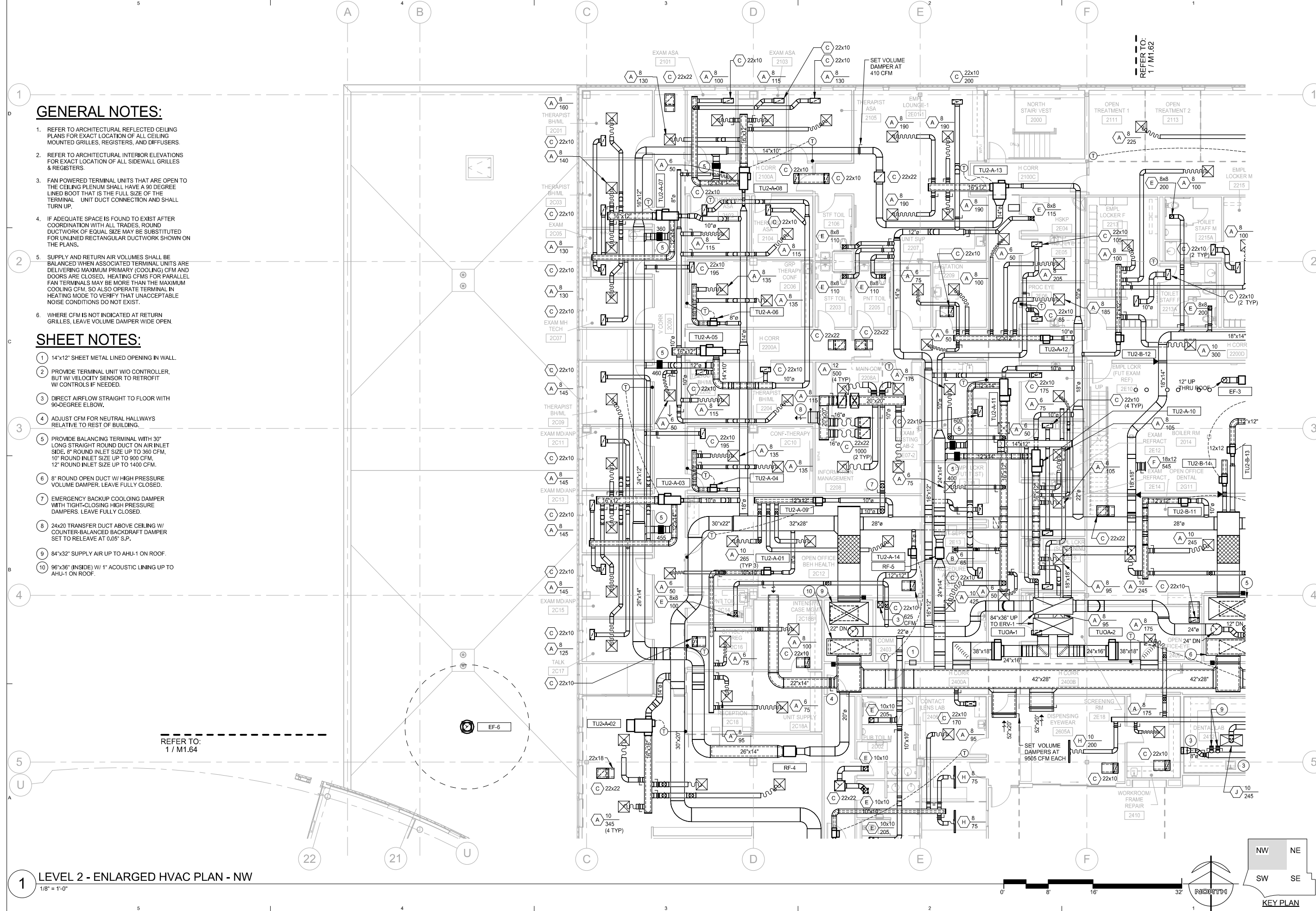
JOB NO. - NCI 11101  
 JOB NO. - kpb A9061.01  
 JOB NO. - nbbj 100748.00  
 DATE 09/16/2011  
 DRAWN GSR  
 REVIEWED JJS

SHEET NAME  
 LEVEL 2 - ENLARGED HVAC  
 PLAN - NW

SHEET NO.  
**M1.61**

FINAL SUBMITTAL

FULL SIZE: 22'x34" - HALF SIZE: 11'x17"

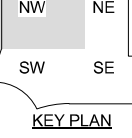


- GENERAL NOTES:**
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED GRILLES, REGISTERS, AND DIFFUSERS.
  - REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF ALL SIDEWALL GRILLES & REGISTERS.
  - FAN POWERED TERMINAL UNITS THAT ARE OPEN TO THE CEILING PLENUM SHALL HAVE A 90 DEGREE LINED BOOT THAT IS THE FULL SIZE OF THE TERMINAL UNIT DUCT CONNECTION AND SHALL TURN UP.
  - IF ADEQUATE SPACE IS FOUND TO EXIST AFTER COORDINATION WITH ALL TRADES, ROUND DUCTWORK OF EQUAL SIZE MAY BE SUBSTITUTED FOR UNLINED RECTANGULAR DUCTWORK SHOWN ON THE PLANS.
  - SUPPLY AND RETURN AIR VOLUMES SHALL BE BALANCED WHEN ASSOCIATED TERMINAL UNITS ARE DELIVERING MAXIMUM PRIMARY (COOLING) CFM AND DOORS ARE CLOSED. HEATING CFMS FOR PARALLEL FAN TERMINALS MAY BE MORE THAN THE MAXIMUM COOLING CFM, SO ALSO OPERATE TERMINAL IN HEATING MODE TO VERIFY THAT UNACCEPTABLE NOISE CONDITIONS DO NOT EXIST.
  - WHERE CFM IS NOT INDICATED AT RETURN GRILLES, LEAVE VOLUME DAMPER WIDE OPEN.

- SHEET NOTES:**
- 14"x12" SHEET METAL LINED OPENING IN WALL.
  - PROVIDE TERMINAL UNIT W/O CONTROLLER, BUT W/ VELOCITY SENSOR TO RETROFIT W/ CONTROLS IF NEEDED.
  - DIRECT AIRFLOW STRAIGHT TO FLOOR WITH 90-DEGREE ELBOW.
  - ADJUST CFM FOR NEUTRAL HALLWAYS RELATIVE TO REST OF BUILDING.
  - PROVIDE BALANCING TERMINAL WITH 30" LONG STRAIGHT ROUND DUCT ON AIR INLET SIDE. 8" ROUND INLET SIZE UP TO 360 CFM, 10" ROUND INLET SIZE UP TO 900 CFM, 12" ROUND INLET SIZE UP TO 1400 CFM.
  - 8" ROUND OPEN DUCT W/ HIGH PRESSURE VOLUME DAMPER. LEAVE FULLY CLOSED.
  - EMERGENCY BACKUP COOLING DAMPER WITH TIGHT-CLOSING HIGH PRESSURE DAMPERS. LEAVE FULLY CLOSED.
  - 24x20 TRANSFER DUCT ABOVE CEILING W/ COUNTER-BALANCED BACKDRAFT DAMPER SET TO RELEASE AT 0.05" S.P.
  - 84"x32" SUPPLY AIR UP TO AHU-1 ON ROOF.
  - 96"x36" (INSIDE) W/ 1" ACOUSTIC LINING UP TO AHU-1 ON ROOF.

REFER TO:  
 1 / M1.64

**1 LEVEL 2 - ENLARGED HVAC PLAN - NW**  
 1/8" = 1'-0"





Southcentral Foundation  
 Valley Native Primary Care Center  
 Wasilla, Alaska

REVISION	DESCRIPTION	DATE

JOB NO. - NCI	11101
JOB NO. - kp	A9061.01
JOB NO. - nbbj	100748.00
DATE	09/16/2011
DRAWN	GSR
REVIEWED	JJS

SHEET NAME	LEVEL 2 - ENLARGED HVAC PLAN - NE
SHEET NO.	M1.62

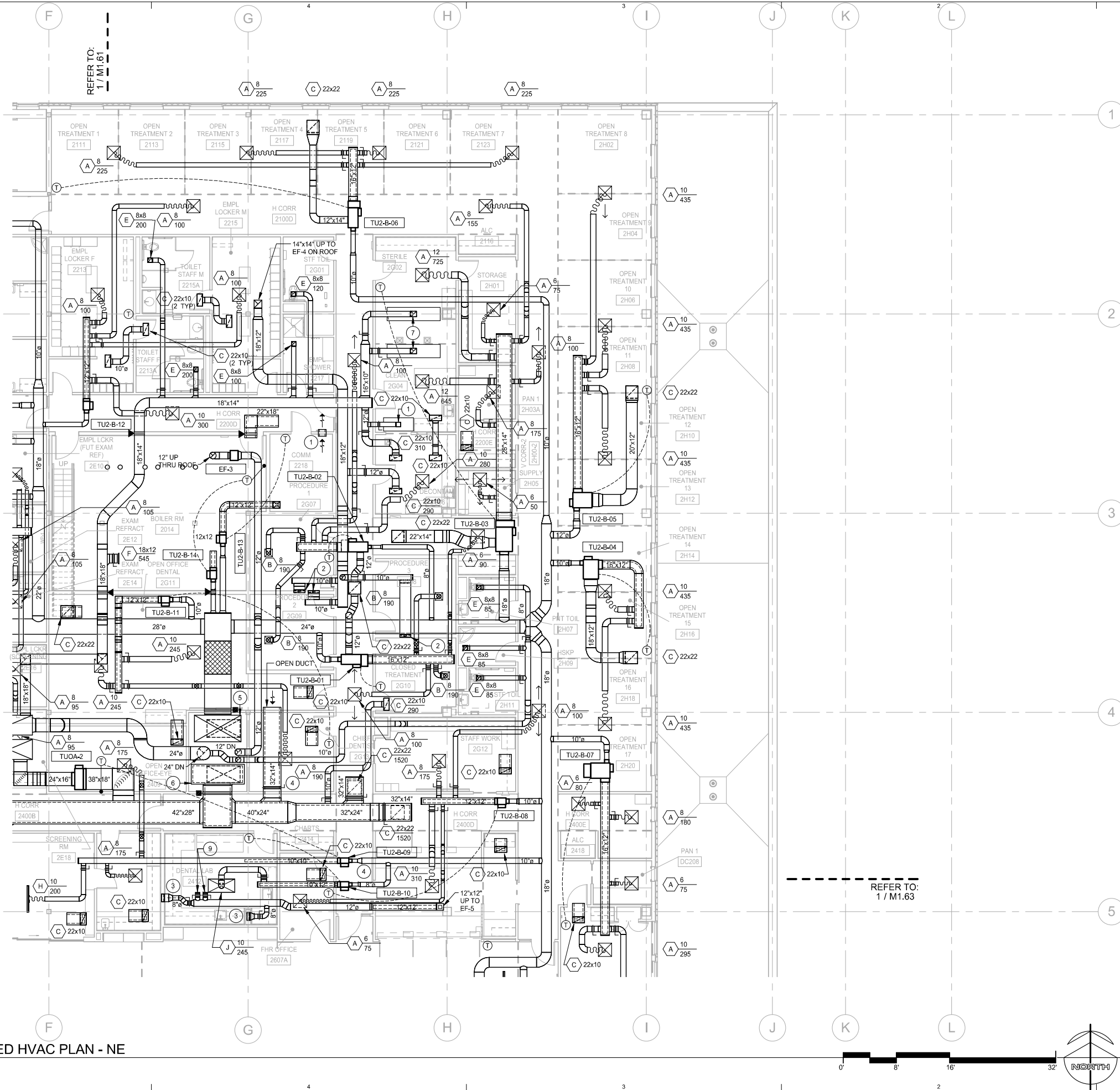
FULL SIZE: 22'x34" - HALF SIZE: 11'x17"

**GENERAL NOTES:**

- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING MOUNTED GRILLES, REGISTERS, AND DIFFUSERS.
- REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR EXACT LOCATION OF ALL SIDEWALL GRILLES & REGISTERS.
- FAN POWERED TERMINAL UNITS THAT ARE OPEN TO THE CEILING PLENUM SHALL HAVE A 90 DEGREE LINED BOOT THAT IS THE FULL SIZE OF THE TERMINAL UNIT DUCT CONNECTION AND SHALL TURN UP.
- IF ADEQUATE SPACE IS FOUND TO EXIST AFTER COORDINATION WITH ALL TRADES, ROUND DUCTWORK OF EQUAL SIZE MAY BE SUBSTITUTED FOR UNLINED RECTANGULAR DUCTWORK SHOWN ON THE PLANS.
- SUPPLY AND RETURN AIR VOLUMES SHALL BE BALANCED WHEN ASSOCIATED TERMINAL UNITS ARE DELIVERING MAXIMUM PRIMARY (COOLING) CFM AND DOORS ARE CLOSED. HEATING CFMS FOR PARALLEL FAN TERMINALS MAY BE MORE THAN THE MAXIMUM COOLING CFM, SO ALSO OPERATE TERMINAL IN HEATING MODE TO VERIFY THAT UNACCEPTABLE NOISE CONDITIONS DO NOT EXIST.
- WHERE CFM IS NOT INDICATED AT RETURN GRILLES, LEAVE VOLUME DAMPER WIDE OPEN.

**SHEET NOTES:**

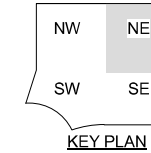
- 14"x12" SHEET METAL LINED OPENING IN WALL.
- 20"x4" DN IN WALL TO EXHAUST GRILLE TYPE 'E' 10x10 NECK, 290 CFM @ 6" A.F.F.
- MOUNT BOTTOM OF EXHAUST GRILLE TYPE 'E' 8x6 NECK 135 CFM AT TOP OF BACKSLASH.
- MOUNT SPEED CONTROLLER FOR EF-6 ABOVE THE CEILING ADJACENT TO TU-2-B-10.
- 84"x32" SUPPLY AIR DUCT UP TO AHU-2 ON ROOF.
- 96"x36" (INSIDE) W/ 1" ACOUSTIC LINING UP TO AHU-2 ON ROOF.
- CONNECT 10"x10" STAINLESS STEEL EXHAUST DUCT TO 96"L x 24"W x 24"H STAINLESS STEEL EXHAUST HOOD. BALANCE FOR 400 CFM.
- CONNECT 8"x8" STAINLESS STEEL EXHAUST DUCT TO 54"L x 24"W x 24"H STAINLESS STEEL EXHAUST HOOD. BALANCE FOR 150 CFM.
- PROVIDE 8" DIAMETER CAP W/ VOLUME DAMPER READY FOR FUTURE EXTENSION TO EXHAUST DEVICES (ALLOW 150 CFM EACH).



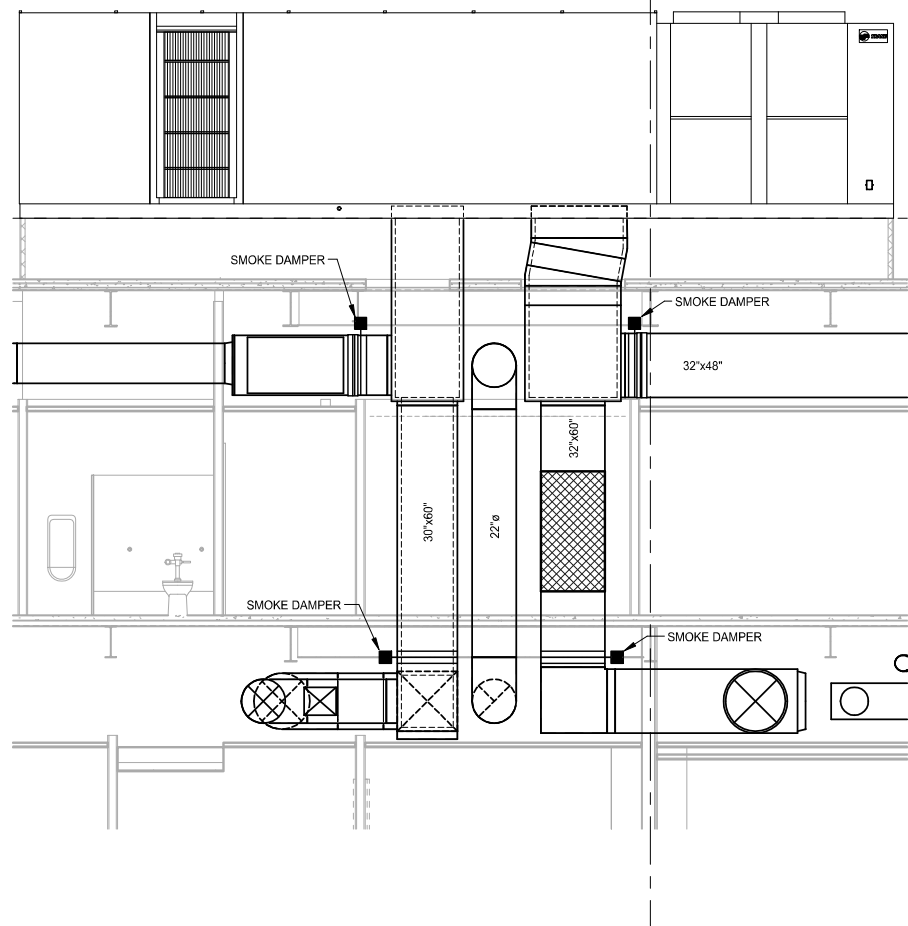
REFER TO:  
1 / M1.61

REFER TO:  
1 / M1.63

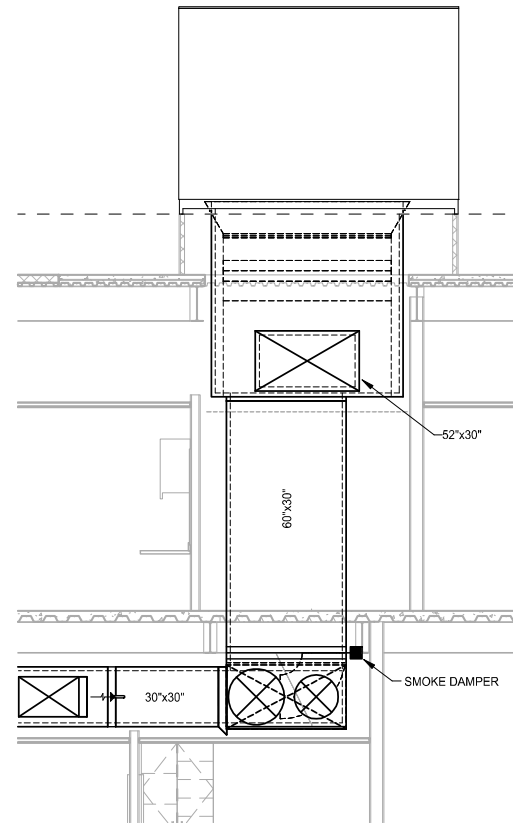
**1 LEVEL 2 - ENLARGED HVAC PLAN - NE**  
1/8" = 1'-0"



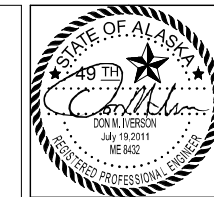
FINAL SUBMITTAL



1 WEST SHAFT - LOOKING WEST  
1/4" = 1'-0"



2 WEST SHAFT - LOOKING NORTH  
1/4" = 1'-0"



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Southcentral Foundation  
Valley Native Primary Care Center  
Wasilla, Alaska

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. - NCI 11101  
JOB NO. - kpb A9061.01  
JOB NO. - nbbj 100748.00  
DATE 09/16/2011  
DRAWN GSR  
REVIEWED DMI, JJS

SHEET NAME  
SECTIONS

SHEET NO.  
**M3.01**

FINAL SUBMITTAL

FULL SIZE: 22"x34" - HALF SIZE: 11"x17"



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Southcentral Foundation  
**Valley Native Primary Care Center**  
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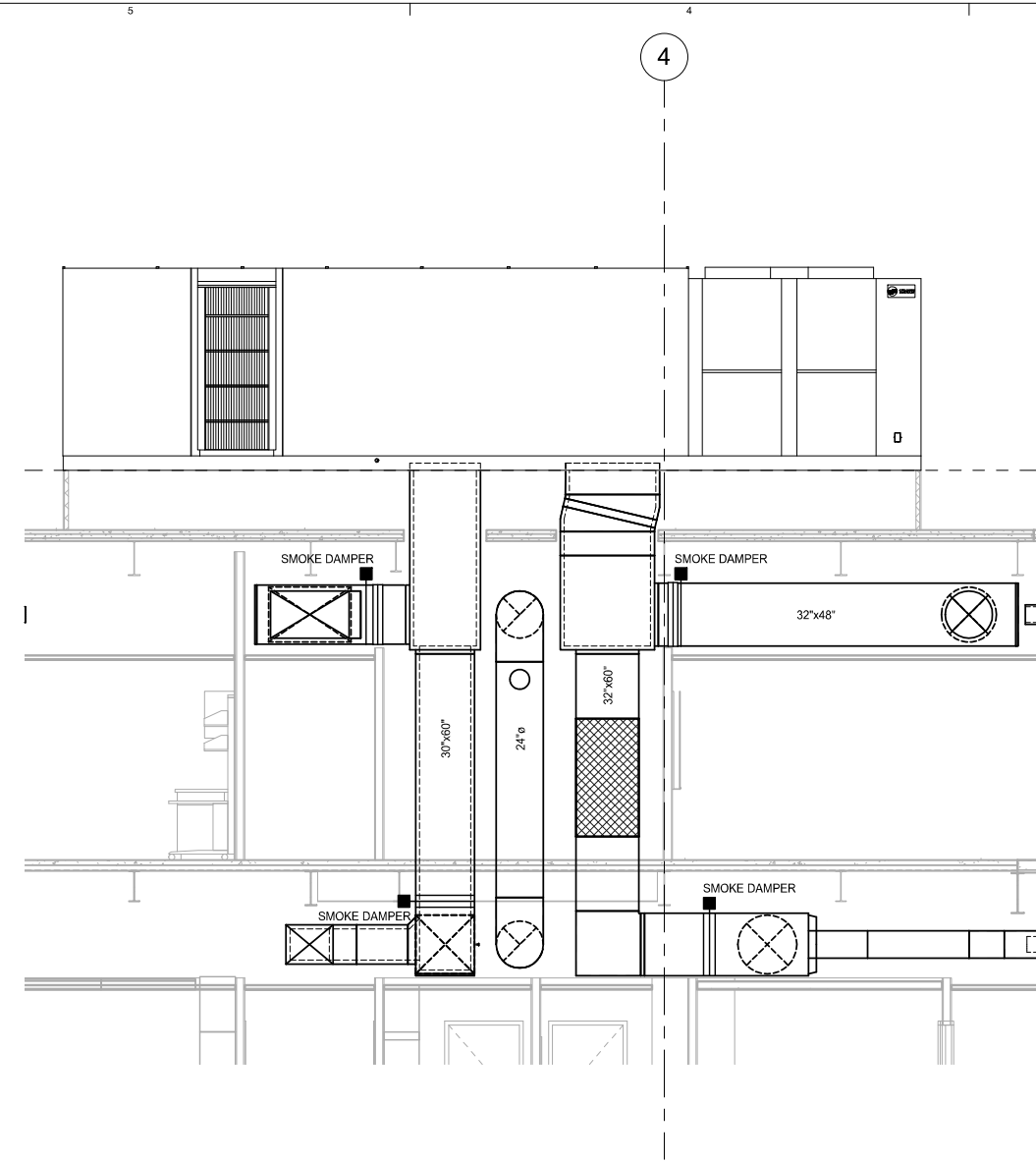
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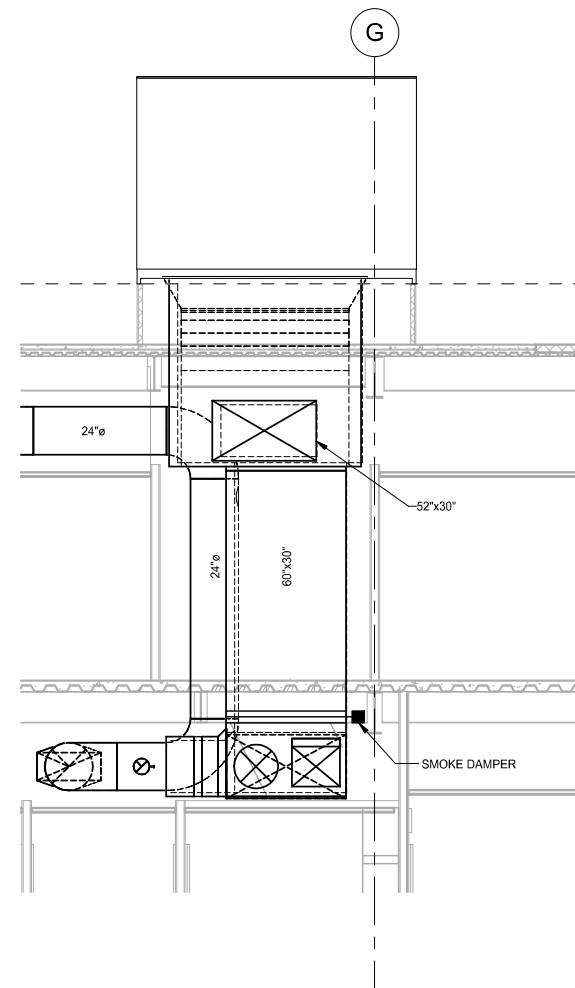
SHEET NAME  
 SECTIONS

SHEET NO.  
**M3.02**

FINAL SUBMITTAL



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



**2 EAST SHAFT - LOOKING NORTH**  
 1/4" = 1'-0"

FULL SIZE: 22"x34" - HALF SIZE: 11"x17"

AIR INLET AND OUTLET SCHEDULE								
MARK	PURPOSE	TYPE	FACE SIZE (IN)	BORDER TYPE	MATERIAL	BASIS OF DESIGN		REMARKS
						MFR	MODEL	
A	SUPPLY	MODULAR CORE	24x24	LAY IN	STEEL	TITUS	MCD	
B			VARIES	SURFACE MOUNT	STEEL	TITUS	MCD	
C			VARIES	LAY IN	STEEL	TITUS	350RL	SEE NOTE 5
E	RETURN/EXHAUST	3/4" SPACING, 35° DEFLECTION GRILLE	24x24	LAY IN	STEEL	TITUS	350RL	
F	SUPPLY	3/4" SPACING, DOUBLE DEFLECTION, ADJUSTABLE BLADES	VARIES	SURFACE OR DUCT MOUNT	STEEL	TITUS	300RL	
G			VARIES	SURFACE OR DUCT MOUNT	STEEL	TITUS	271RL	
H	SUPPLY	LINEAR DIFFUSER	VARIES	LAY IN	STEEL	TITUS	ML38	(2) 3/4" SLOT, 4' LENGTH WITH INTEGRAL 8" INLET PLENUM MP38
I	SUPPLY	LINEAR DIFFUSER	VARIES	LAY IN	STEEL	TITUS	FL-25	(2) 2-1/2" SLOTS, 4' LENGTH WITH INTEGRAL 10" INLET PLENUM FBP-25
J	SUPPLY	LAMINAR FLOW DIFFUSER	48x24	LAY IN	STEEL	TITUS	TLF	
K	SUPPLY	SPIRAL DUCT-MTD, DBL-DEFL	VARIES	DUCT MOUNT	ALUMINUM	TITUS	S300FL	
L	SUPPLY	SPIRAL DUCT-MTD, DBL-DEFL	VARIES	DUCT MOUNT	ALUMINUM	TITUS	S300FL	PROVIDE WITH 45 DEG EXTRACTOR
P	SUPPLY	LINEAR DIFFUSER	VARIES	LAY IN	STEEL	TITUS	FL-25	(1) 1" SLOT, 4' LENGTH WITH INTEGRAL PLENUM
Q	SUPPLY	LINEAR DIFFUSER	VARIES	LAY IN	STEEL	TITUS	FL-25	(2) 2.5" SLOT, 4' LENGTH WITH INTEGRAL PLENUM
R	RETURN	LINEAR DIFFUSER	VARIES	SURFACE MOUNT	STEEL	TITUS	MLR39	(6) 1" SLOT, 4' LENGTH WITH RETURN AIR BOOT AS SHOWN ON FLOOR PLANS.

NOTES:

- PROVIDE CONNECTING DUCT BETWEEN MAIN DUCT AND CEILING GRILLE, REGISTER, OR DIFFUSER. SIZE OF DUCT SHALL BE AS INDICATED BELOW, UNLESS INDICATED OTHERWISE ON DRAWINGS. WHERE A CFM IS NOT INDICATED AT A RETURN GRILLE, BASE THE DUCT SIZE ON THE SUPPLY CFM IN THE SAME ROOM.

SUPPLY CFM	RETURN/EXHAUST CFM	ROUND DUCT SIZE	RECTANGULAR DUCT SIZE
0 - 100	0 - 100	6"	6x6
101 - 200	100 - 175	8"	10x6
201 - 380	176 - 320	10"	14x6
381 - 600	321 - 520	12"	16x8
601 - 900	521 - 775	14"	22x8
901 - 1200	776 - 1100	16"	22x10
1201 - 1700	1101 - 1500	18"	22x12

- FOR ACOUSTICAL REASONS, PROVIDE A MINIMUM OF 6 FEET AND A MAXIMUM OF 8 FEET OF FLEXIBLE DUCT WITH AT LEAST 90 DEGREES OF BEND. WHERE FLEX DUCT IS INDICATED ON THE DRAWINGS ABOVE LAY IN CEILINGS. FOR RETURN AIR GRILLES, IF A MINIMUM OF 6 FEET AND A MAXIMUM OF 8 FEET OF FLEXIBLE DUCT WITH AT LEAST 90 DEGREES OF BEND IS PROVIDED AT GRILLES WHERE NOT INDICATED, ACOUSTIC LINING IN ADJACENT TRUNK RETURN DUCTS MAY BE DELETED WHERE SHOWN EXCEPT WITHIN 12 FEET OF A RETURN FAN.
- PROVIDE A MINIMUM OF 12" OF STRAIGHT (VERTICAL) DUCT ABOVE CEILING DIFFUSERS OR FURNISH DIFFUSER CAN, SEE DETAIL SHEETS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF DIFFUSERS AND GRILLES WITH OTHER CEILING ELEMENTS. CONTRACTOR SHALL VERIFY CEILING TYPES IN ALL AREAS AND CONFIRM BORDER STYLES PRIOR TO ORDERING GRILLES, REGISTERS, AND DIFFUSERS.
- ENGINEER-APPROVED SMALLER GRILLE MAY BE USED IN ROOMS NEEDING LESS THAN 300 CFM.

TERMINAL UNIT TYPE SCHEDULE					
INLET SIZE	SETPOINT RANGE		DESIGN CFM	BRANCH INLET DUCT	OUTLET DUCT
	LOWEST MIN.	HIGHEST MAX.			
5	45	310	250	7	10x10
6	70	500	400	9	10x10
7	100	710	550	10	12x12
8	150	1000	700	12	12x12
9	170	1300	900	12	14x12
10	205	1435	1100	12	16x12
12	260	2185	1600	14	18x14
14	380	2745	2100	16	24x14
16	480	3730	2800	18	28x14
24x16	810	6435	4000	28x16	38x18

BASIS OF DESIGN: NAILOR SERIES 3000

NOTES:

- PROVIDE FACTORY-INSTALLED CONTROLS FURNISHED BY CONTROLS SUBCONTRACTOR.
- TERMINAL UNIT ASSEMBLY INCLUDES AIR VALVE, CONTROLLER, INTEGRAL SOUND ATTENUATOR (IF SCHEDULED), AND HEATING COIL (UNLESS NOTED OTHERWISE). TERMINAL UNIT SHALL BE ABLE TO OPERATE AT ANY POINT WITHIN THE SETPOINT RANGE INDICATED. INITIALLY SET MAXIMUM AND MINIMUM CFM'S AT VALUES INDICATED IN THE TERMINAL UNIT SCHEDULE. TERMINAL UNIT SHALL BE PROVIDED WITH FIBER-FREE LINER.
- PROVIDE A MINIMUM OF 2 DUCT DIAMETERS AND A MAXIMUM OF 5 DUCT DIAMETERS OF STRAIGHT DUCT AT THE TERMINAL UNIT INLET, BASED ON INLET SIZE ABOVE. PROVIDE INLET DUCT, SIZED AS INDICATED ABOVE, FOR THE REMAINDER OF BRANCH DUCTWORK CONNECTING THE TERMINAL UNIT TO THE MEDIUM PRESSURE TRUNK DUCT. WHERE NECESSARY DUE TO SPACE RESTRICTIONS, PROVIDE DIFFERENT SHAPE DUCT WITH THE SAME CROSS SECTIONAL AREA. PROVIDE ALL NECESSARY TRANSITIONS.
- PROVIDE OUTLET DUCT, SIZED AS INDICATED ABOVE, FROM TERMINAL OUTLET TO THE POINT DOWNSTREAM THAT A DIFFERENT SIZE DUCT IS INDICATED ON THE PLANS. WHERE NECESSARY DUE TO SPACE RESTRICTIONS, PROVIDE DIFFERENT SHAPE DUCT WITH THE SAME CROSS SECTIONAL AREA. PROVIDE ALL NECESSARY TRANSITIONS.
- ALL TERMINAL HEATING COILS SHALL BE LOCATED AT THE TERMINAL DISCHARGE AND SHALL BE BASED ON 130 DEG F EWT AND 55 DEG F EAT. MAXIMUM COIL AIR PRESSURE DROP IS 0.35" WG, MAXIMUM COIL WATER PRESSURE DROP IS 5.0 FT.
- PROVIDE HEATING WATER SUPPLY AND RETURN PIPING, SIZE INDICATED BELOW (BASED ON SCHEDULED FLOWS), WITH SPECIFIED AUTOMATIC BALANCING PACKAGE, FROM COIL TO HEATING MAINS.

0.5 - 1.5 GPM:	1/2"
1.6 - 3.5 GPM:	3/4"
3.6 - 7.0 GPM:	1"
7.1 - 10.0 GPM:	1-1/4"
10.1 - 20.0 GPM:	1-1/2"

FAN TERMINAL UNIT TYPE SCHEDULE						
INLET SIZE	SETPOINT RANGE		DESIGN CFM	BRANCH INLET DUCT	OUTLET DUCT	
	LOWEST MIN.	HIGHEST MAX.				
4	25	215	150	6		
5	45	310	250	7		
6	70	500	400	9		
8	150	1000	700	10		
10	205	1435	1100	12		
12	325	2150	1600	14		
14	400	3060	2100	16		
16	625	4050	2800	18		
18	770	4985	3500	20		

FAN TYPE	UNIT SIZE	GPM	MOTOR HP	FAN AIRFLOW RANGE		OUTLET DUCT
				MIN	MAX	
PARALLEL	2	2.67	1/10	190	600	16x12
	3	3.33	1/4	450	950	16x15
	5	4.00	1/2	750	1775	24x15
SERIES	6	SEE BELOW	3/4	1175	2050	28x18
	3	3.33	1/2	200	1100	16x12
5	4.00	3/4	500	2025	24x14	

BASIS OF DESIGN: NAILOR SERIES 35N (PARALLEL FAN) AND SERIES 35S (SERIES FAN)

NOTES:

- PROVIDE FACTORY-INSTALLED CONTROLS FURNISHED BY CONTROLS SUBCONTRACTOR.
- TERMINAL UNIT ASSEMBLY INCLUDES AIR VALVE, CONTROLLER, FAN, INTEGRAL SOUND ATTENUATOR (IF SCHEDULED), AND HEATING COIL (UNLESS NOTED OTHERWISE). TERMINAL UNIT SHALL BE ABLE TO OPERATE AT ANY POINT WITHIN THE SETPOINT RANGE INDICATED. INITIALLY SET MAXIMUM AND MINIMUM CFM'S AT VALUES INDICATED IN THE TERMINAL UNIT SCHEDULE. TERMINAL UNIT SHALL BE PROVIDED WITH FIBER-FREE LINER.
- PROVIDE A MINIMUM OF 2 DUCT DIAMETERS AND A MAXIMUM OF 5 DUCT DIAMETERS OF STRAIGHT DUCT AT THE TERMINAL UNIT INLET, BASED ON INLET SIZE ABOVE. PROVIDE INLET DUCT, SIZED AS INDICATED ABOVE, FOR THE REMAINDER OF BRANCH DUCTWORK CONNECTING THE TERMINAL UNIT TO THE MEDIUM PRESSURE TRUNK DUCT. WHERE NECESSARY DUE TO SPACE RESTRICTIONS, PROVIDE DIFFERENT SHAPE DUCT WITH THE SAME CROSS SECTIONAL AREA. PROVIDE ALL NECESSARY TRANSITIONS.
- PROVIDE OUTLET DUCT, SIZED AS INDICATED ABOVE, FROM TERMINAL OUTLET TO THE POINT DOWNSTREAM THAT A DIFFERENT SIZE DUCT IS INDICATED ON THE PLANS. WHERE NECESSARY DUE TO SPACE RESTRICTIONS, PROVIDE DIFFERENT SHAPE DUCT WITH THE SAME CROSS SECTIONAL AREA. PROVIDE ALL NECESSARY TRANSITIONS.
- ALL TERMINAL HEATING COILS SHALL BE LOCATED AT THE TERMINAL DISCHARGE AND SHALL BE BASED ON 130 DEG F EWT, 62 DEG F EAT AND DELIVER 86 DEG F IF OPERATED AT THE "DESIGN CFM" INDICATED ABOVE. MAXIMUM COIL AIR PRESSURE DROP IS 0.38" WG, MAXIMUM COIL WATER PRESSURE DROP IS 5.0 FT. EXCEPTIONS LISTED BELOW.
- PROVIDE HEATING WATER SUPPLY AND RETURN PIPING, SIZE INDICATED BELOW (BASED ON SCHEDULED FLOWS), WITH SPECIFIED AUTOMATIC BALANCING PACKAGE, FROM COIL TO HEATING MAINS.

0.5 - 1.5 GPM:	1/2"
1.6 - 3.5 GPM:	3/4"
3.6 - 7.0 GPM:	1"
7.1 - 10.0 GPM:	1-1/4"
10.1 - 20.0 GPM:	1-1/2"

- TU1-A-07: 3400 CFM, 88 LAT, 0.60"APD, 12.0 GPM
- TU1-D-03: 3400 CFM, 88 LAT, 0.60"APD, 12.0 GPM
- TU1-D-04: 0.60"APD OK, 5.33 GPM
- TU2-D-02: 84DEG F LAT OK, 7.33 GPM, 9.5" WPD
- TU2-D-03: 84DEG F LAT OK, 7.33 GPM, 9.5" WPD
- ALL OTHER UNIT SIZE 6 TERMINALS: 7.33 GPM, 9.5" WPD

ENERGY RECOVERY UNIT SCHEDULE																				
MARK	MANUFACTURER	AIRFLOWS (CFM)		SUPPLY PERFORMANCE			EXHAUST PERFORMANCE			FROST CONTROL COIL	HEAT WHEEL EXHAUST AIR SIDE		HEAT WHEEL SUPPLY AIR SIDE			PRE FILTERS*				OPERATING WEIGHT (LBS)
		SUPPLY	EXHAUST	ESP (IN. WG)	MAX. BHP	VFD	ESP (IN. WG)	MAX. BHP	VFD		KW	ENTERING DB (DEG F)	ENTERING WB (DEG F)	ENTERING DB (DEG F)	ENTERING WB (DEG F)	LEAVING AIR DB (DEG F)	MERV	FPM	IPD (IN. WG)	
ERV-1	MICROMETL	8000	8000	1.35	7.80	YES	2.25	10.90	YES	55	72	54	-31	-31	55.8	8	250	0.25	0.75	4,500

\* FILTER PRESSURE DROP MAY BE CONSIDERED PART OF EXTERNAL STATIC PRESSURE.

SINGLE POINT POWER CONNECTION: 460 V, 3 PHASE, 88 FLA.

CABINET UNIT HEATER SCHEDULE																		
MARK	LOCATION	MAKE	MODEL	ARRANGEMENT	HEATING COIL (MBH)	HOT WATER DATA				FAN		FAN MOTOR			WGT.	FILTERS		REMARKS
						GPM	PD (FT)	EWT	LWT	CFM	RPM	HP	AMP	VOLTS/PH		QTY	SIZE	
CUH-1	1000 NORTH STAIRS/VEST	SIGMA	SFF06	R-31	23.2	1.6	0.7	130	100	600	1075	1/10	1.9	120/1	125	1	7-1/2"x32"	WALL RECESSED UNIT
CUH-2	1001 EAST STAIR	SIGMA	SFF06	R-31	23.2	1.6	0.7	130	100	600	1075	1/10	1.9	120/1	125	1	7-1/2"x32"	WALL RECESSED UNIT

AIR HANDLING UNIT SCHEDULE																											
MARK	BASIS OF DESIGN		FAN PERFORMANCE								COOLING PERFORMANCE - DX COOLING COIL							ELECTRICAL			OPERATING WEIGHT (LBS)	REMARKS					
	MANUFACTURER	MODEL	SUPPLY				EXHAUST				EDB	EWS	AAT	NET SENSIBLE (MBH)	NET TOTAL (MBH)	EER	IEER/SEER	REFRIGERANT**		MCA			MOCP	VOLTS/PH			
			CFM	MIN OA*	ESP (IN. WG)	FRPM	DRIVE	HP	CFM	ESP (IN. WG)								FRPM	DRIVE						HP	TYPE	MAX. AMOUNT (LBS)
AHU-1	TRANE	INTELLIPAK SXHJ090	36000	3700	2.50	1150	BELT	50	28300	0.75	470	BELT	20	80.0	67.0	85.0	787.3	1058.1	9.8	-	R-410A	178.0	255.9	300	460/3	17500	
AHU-2	TRANE	INTELLIPAK SXHJ090	36000	3700	2.50	1150	BELT	50	28300	0.75	470	BELT	20	80.0	67.0	85.0	787.3	1058.1	9.8	-	R-410A	178.0	255.9	300	460/3	17500	
AHU-3	TRANE**	PRECEDENT THC060	2000	200	0.75	-	BELT	1	1800	-	-		1/3	80.0	67.0	85.0	47.1	65.5	-	15.0	R-410A	12.0	16.8	25	460/3	1000	1

NOTES:

\* THE MINIMUM OUTSIDE AIR LISTED FOR AHU-1 AND AHU-2 IS THE MINIMUM OUTSIDE AIR INTRODUCED AT THE UNIT, THERE IS AN ADDITIONAL 4,000 CFM OF OUTSIDE INTRODUCED INTO THE RETURN AIR FROM THE ENERGY RECOVERY UNIT (ERV-1) WHEN NEEDED BRINGING TOTAL OSA UP TO 7,700 CFM.

\*\* TO MEET LEED GOAL, REFRIGERANT QUANTITY CANNOT EXCEED VALUES NOTED.

1. PROVIDE WITH CO2 SENSOR KIT ACCESSORY



Southcentral Foundation  
 Valley Native Primary Care Center  
 Wasilla, Alaska

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. - NCI	11101
JOB NO. - kpb	A9061.01
JOB NO. - nbj	100748.00
DATE	09/16/2011
DRAWN	GSR
REVIEWED	JJS,SL

SHEET NAME  
 MECHANICAL EQUIPMENT  
 SCHEDULES

SHEET NO.  
**M5.05**

FULL SIZE: 22"X34" - HALF SIZE: 11"X17"