

GENERAL NOTES

SHEET INDEX

PROJECT DATA

ARCHITECTURAL SYMBOLS

- A0.1 TITLE SHEET
ARCHITECTURAL DRAWING
- A2.1 DEMOLITION PLAN
- A3.1 FIRST FLOOR PLAN / INTERIOR ELEVATIONS
- ELECTRICAL DRAWING
- EI ELECTRICAL FLOOR PLAN
- MECHANICAL DRAWING
- MI.1 HVAC FLOOR PLAN / DETAILS / SCHEDULES

ZONING CLASSIFICATION : FL
 TAX MAP NO. : 18-03-17-20
 LOT : 05500
 OCCUPANCY : E-1
 BUILDING TYPE : V-B
 NON-SPRINKLERED
 ADDITION AREA : N/A/
 O.S.S.C EDITION: 2014

COLUMN GRID NOTATION MATCH SIDE BREAK - MATCH LINE ELEVATION DATUM DATUM POINT ROOM NAME ROOM NUMBER SLOPE TAG KEY NOTE WINDOW TAG DOOR TAG	SAND GRAVEL CONCRETE GENERAL MASONRY UNDISTURBED SOIL WOOD STEEL REVISION TAG REVISION CLOUD	DETAIL * SHEET * SECTION * SHEET * NORTH ARROW REFERENCE ARROW VIEW * DIRECTION OF VIEW EXISTING WALL DEMO WALL NEW WALL
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PROJECT TEAM

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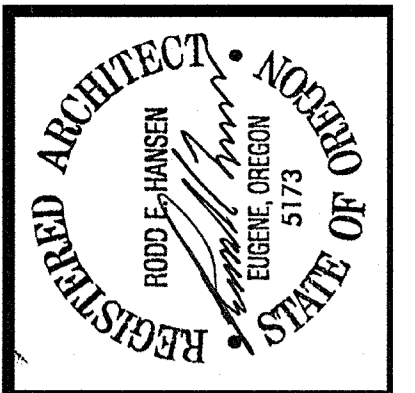
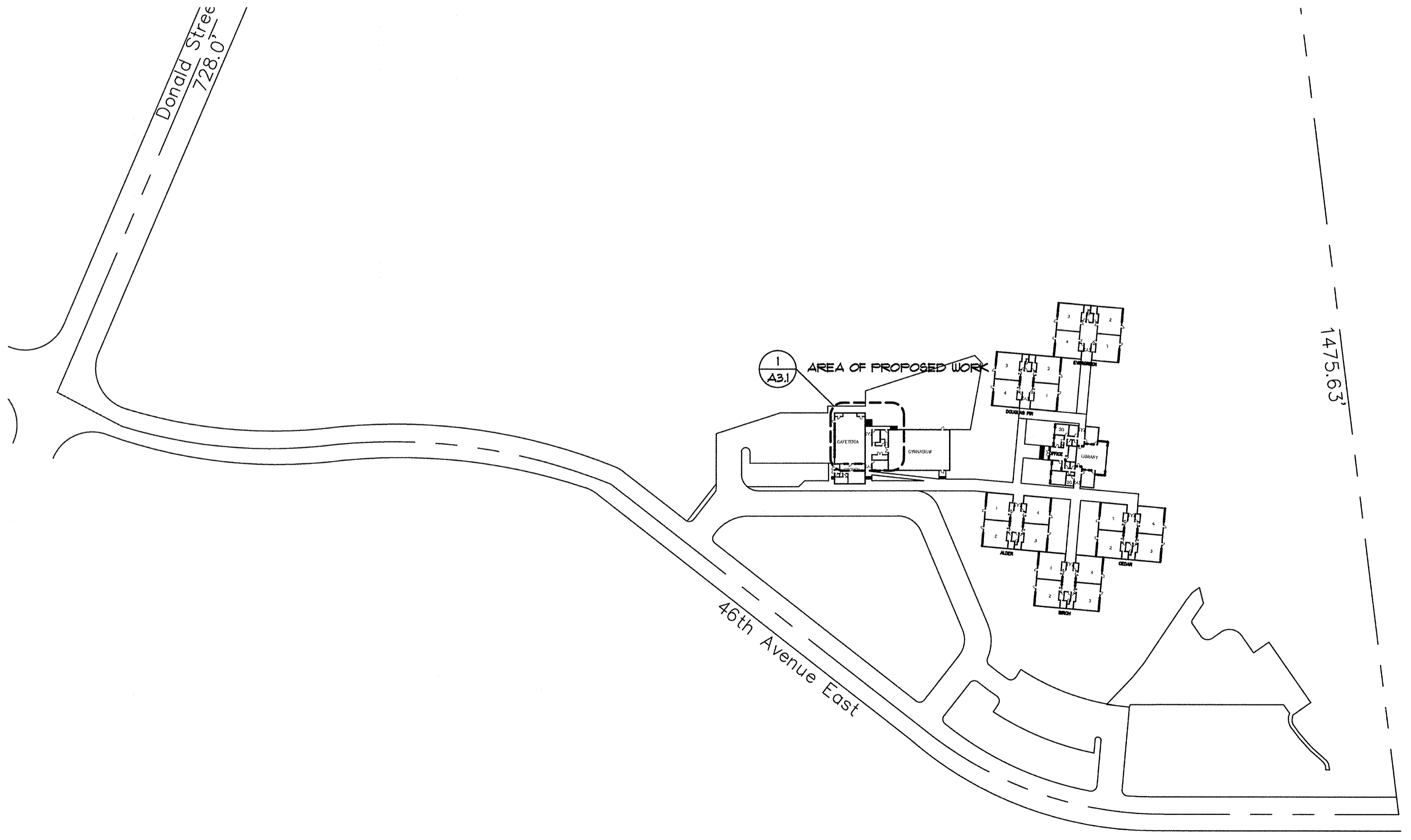
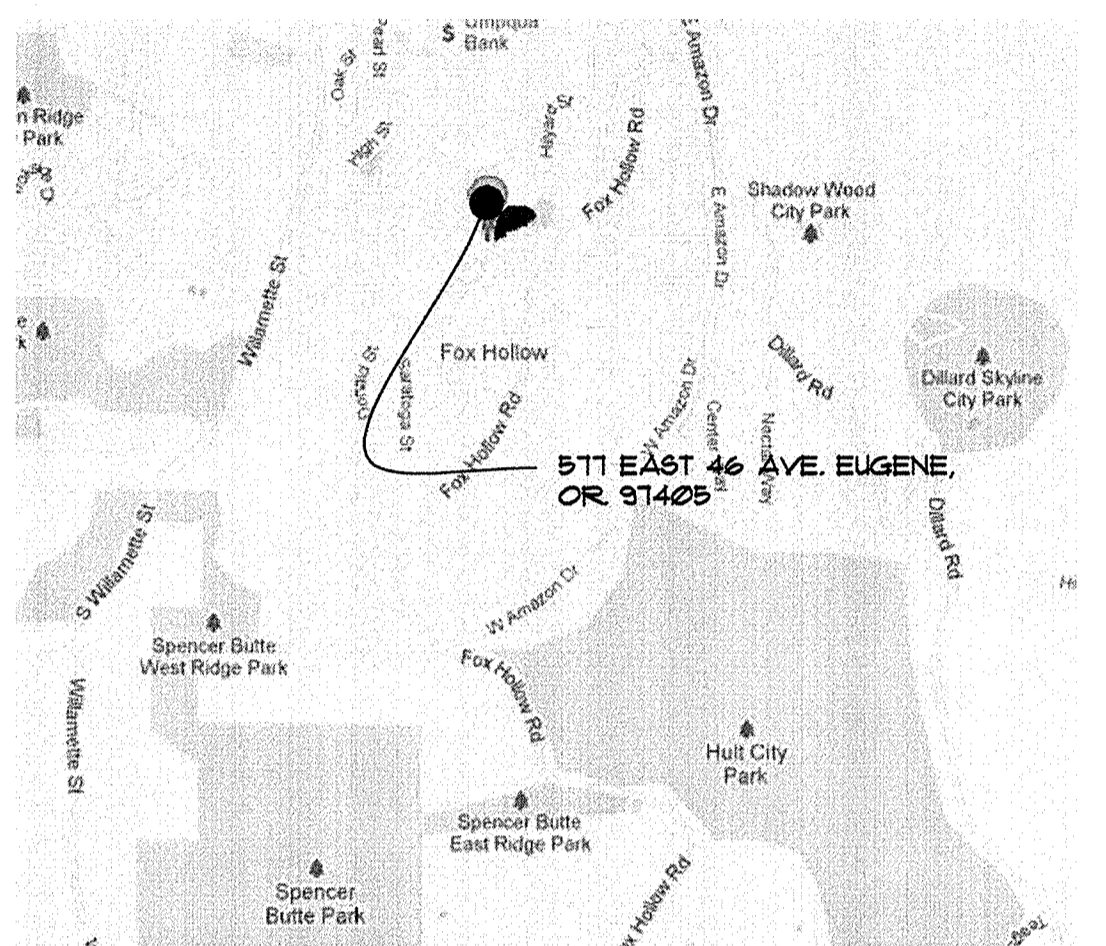
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ARCHITECTURAL ABBREVIATIONS

AC. ACOUS.	ACUSTICAL	FFRF.	FIREPROOF	FRCST.	FRE-CAST
A/C	AIR CONDITIONING	FR.	FIRE RETARDANT	FL.	PLATE
A.D.	AREA DRAIN	F.S.	FULL SIZE	FLAM.	PLASTIC LAMINATE
ADJ.	ADJUSTABLE	FT.	FOOT OR FEET	PLAS.	PLASTER
AGGR.	AGGREGATE	FTG.	FOOTING	PL.YUD.	PLYWOOD
AL.	ALUMINUM	FURF.	FURSING	FR.	FAIR
ALT.	ALTERNATE	FUT.	FUTURE	FT.	FOOT
APPROX.	APPROXIMATE	F.P.	FOUNDATION VENT	P.T.D.	PAPER TOUPEL DISPENSER
ARCH.	ARCHITECTURAL	G.A.	GAUGE	PAPER TOUPEL	DISPENSER/RECEPTACLE
ASB.	ASBESTOS	GALV.	GALVANIZED	PARTITION	
ASPH.	ASPHALT	GAL.	GALLON	P.T.R.	PAPER TOUPEL RECEPTACLE
AB.	ANCHOR BOLT	G.B.	GRAB BAR	P.T.	PRESSURE TREATED (WOLMINIZED)
AH.	AIR HANDLER	G.F.I.	GROUND FAULT INTERRUPTOR	Q.T.	QUARRY TILE
A.S.U.	AIR SUPPLY UNIT	GL.	GLASS	R	RISER
ANOD.	ANODIZED	GND.	GROUND	R.D.	ROOF DRAIN
APPL.	APPLIANCE	GR.	GRADE	RFTF.	RAFTER
		GRT.	GROUT	RAD.	RADIUS
BD.	BOARD	GYP. BD.	GYP. BOARD	RECT.	RECTANGULAR
BITUM.	BITUMINOUS	G.L.B.	GLUE-LAMINATED BEAM	R.M.	ROOM
BLDG.	BUILDING	H.C.W.C.	HANDICAPPED WATER CLOSET	REF.	REFERENCE
BLK.	BLOCK	HGR.	HANGER HK. HOOK	REFR.	REFRIGERATOR
BLKG.	BLOCKING	H.B.	HOSE BIBB	RGTR.	REGISTER
BM.	BEAM	H.C.	HOLLOW CORE	REIN.	REINFORCED
BOT.	BOTTOM	H.D.U.	HARDWARE	REQ.	REQUIRED
BRNZ.	BRONZE	HDL.	HOLLOW METAL	RESIL.	RESILIENT
B.S.B.M.	BY STEEL BLDG. MANUF.	H.P.	HEAT PUMP	RFG.	ROOFING
B.W.R.	BUILT-UP-ROOFING	H.M.	HOLLOW METAL	R.O.	ROUGH OPENING
		HORIZ.	HORIZONTAL	RWD.	REDWOOD
CAB.	CABINET	HR.	HOUR	R.W.L.	RAIN WATER LEADER
CB.	CATCH BASIN	HGT.	HEIGHT	S.	SOUTH
C.D.F.	CONTROL DENSITY FILL	I.D.	INSIDE DIAMETER	S.C.	SOLID CORE
CEM.	CEMENT CER. CERAMIC	INSUL.	INSULATION	S.C.D.	SEAT COVER DISPENSER
C.I.	CAST IRON	INT.	INTERIOR	S.D.	SOAP DISPENSER
CLG.	CEILING	INV.	INVERT ELEVATION	S.M.	SHEET METAL
CLKG.	CALLKING	JAN.	JANITOR	SCHED.	SCHEDULE
CLO.	CLOSET	J.T.	JOINT	SCRN.	SCREEN
CLR.	CLEAR	JST.	JOIST	SECT.	SECTION
CMU.	CONCRETE MASONRY UNIT	KIT.	KITCHEN	SEIS.	SEISMIC
COMP.	COMPOSITION	K.O.	KNOCK-OUT	SH.	SHELF
COL.	COLUMN	LAB.	LABORATORY	SHUR.	SHOWER
CONC.	CONCRETE	L.S.	LAG SCREW	SHT.	SHEET
C.J.	CONCRETE JOINT	LAT.	LATERAL	SHTG.	SHEATHING
CORR.	CORRIDOR	LAM.	LAMINATE	SIM.	SIMILAR
OPT.	CARPET (ED.)	LAV.	LAVATORY	SPEC.	SPECIFICATION
C.P.	CONCRETE PIPE	LKR.	LOOKER	SQ.	SQUARE
CT&K.	COUNTERSUNK	L.T.	LIGHT	STGR.	STAGGERED
ONTR.	COUNTER	L.T. UT.	LIGHT WEIGHT	ST.	STAINLESS STEEL
CTR.	CENTER	MATL.	MATERIAL	STIFF.	STIFFENER
CU.	CUBIC	MAX.	MAXIMUM	STR.	STRUCTURAL
DBL.	DOUBLE	M.B.	MACHINE BOLT	S.S.K.	SERVICE SINK
DEPT.	DEPARTMENT	MAS.	MASONRY	STN.	STANDARD
D.F.	DRINKING FOUNTAIN	MECH.	MECHANICAL	STOR.	STORAGE
DET.	DETAIL	MEMB.	MEMBRANE	STRU.	STRUCTURAL
DIAG.	DIAGONAL	MET.	METAL	SUSP.	SUSPENDED
DIA.	DIAMETER	MFR.	MANUFACTURER	SYM.	SYMMETRICAL
DIM.	DIMENSION	MLD (S)	MOULDING (S)	T.	TREAD
DISP.	DISPENSER	M.H.	MANHOLE	T.B.	TOUPEL BAR
DN.	DOWN	MIN.	MINIMUM	T.C.	TOP-OF-CURB
D.O.	DITTO	MIR.	MIRROR	T4G.	TONGUE AND GROOVE
DR.	DOOR	MISC.	MISCELLANEOUS	T.P.	TOP-OF-FAYEMENT
DRW.	DRAWER	M.O.	MASONRY OPENING	T.P.D.	TOILET PAPER DISPENSER
D.S.	D/S DOWNSPOUT	M.R.	MOISTURE RESISTANT	TELE.	TELEPHONE
D.S.P.	DRY STANDPIPE	MTD.	MOUNTED	TERR.	TERRAZZO
DWG.	DRAWING	MUL.	MULLION	THK.	THICK
E.	EAST	(N)	NEW	T.O.	TOP OF
E.A.	EXPANSION JOINT	N.	NORTH	TRTD.	TREATED
EJ.	ELEVATION	NAT.	NATURAL	T.W.	TOP-OF-WALL
EL.	ELEVATION	NO.	NUMBER	TYP.	TYPICAL
ELECT.	ELECTRICAL	NOM.	NOMINAL	UTL.	UTILITY
ELEV.	ELEVATOR	NTS.	NOT-TO-SCALE	UNF.	UNFINISHED
EMER.	EMERGENCY	N.P.T.	NATIONAL PIPE THREAD	UNL.	UNLESS OTHERWISE NOTED
ENCL.	ENCLOSURE	OA.	OVERALL	UNL.S.	UNLESS OTHERWISE SHOWN
E.O.S.	EDGE OF SLAB	OB.S.	OBSCURE	UR.	URNIAL
E.F.	ELECTRICAL PANELBOARD	O.C.	ON CENTER	VB.	VAPOR BARRIER
EQ.	EQUAL	O.C.	ON CENTER	VB.	VERTICAL
EQPT.	EQUIPMENT	O.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED	VEB.	VENEUR
EQV.	EQUIVALENT	OF.C.J.	OWNER FURNISHED, OWNER INSTALLED	V.T.O.	VENT-TO-OUTSIDE
EWC.	ELECTRICAL WATER COOLER	OFF.	OFFICE	V.T.R.	VENT-TO-ROOF
(E) EX.	EXISTING EXPO. EXPOSED	OPNG.	OPENING	VOL.	VOLUME
EXP.	EXPANSION	OPP.	OPPOSITE		
EXT.	EXTERIOR	OPT.	OPTIONAL		
		OS.A.	OUTSIDE AIR		
		O.S.B.	ORIENTED STRAND BOARD		
F.A.	FIRE ALARM	P.NL(S).	PANEL(S)		
F.A.U.	FORCED AIR UNIT	PART. BD.	PARTICLE BOARD		
F.B.	FLAT BAR	PEN.	PENETRATION		
F.D.	FLOOR DRAIN				
F.L.	FLOW LINE				
F.G.	FINISH GRADE				
FND.	FOUNDATION				
F.E.	FIRE EXTINGUISHER				
F.H.C.	FIRE HOSE CABINET FIN. FINISH				
FLR.	FLOOR				
FLSH.	FLASH OR FLASHING				
FLUOR.	FLUORESCENT				
F.O.A.	FACE-OF-BLOCK				
F.O.C.	FACE-OF-CONCRETE				
F.O.F.	FACE-OF-FINISH				
F.O.S.	FACE-OF-STRUDS				

VICINITY MAP



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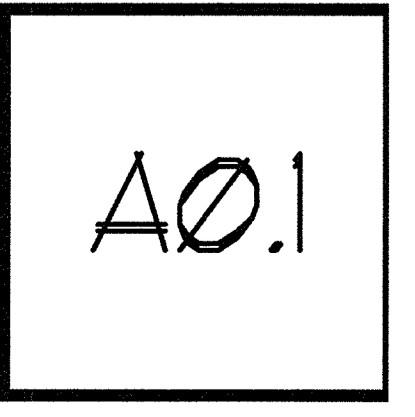
EUGENE SCHOOL DISTRICT 4J
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 97405-3998
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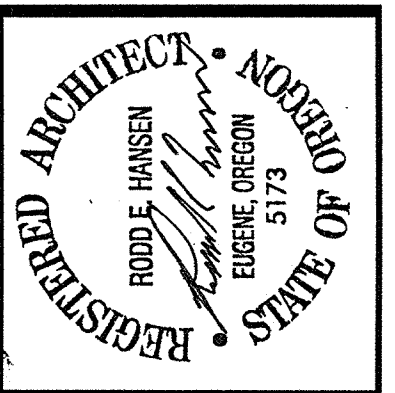
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 DATE: --

ISSUE DATE: 2015-05-27

SCALE: NONE





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TITLE: DEMO PLAN

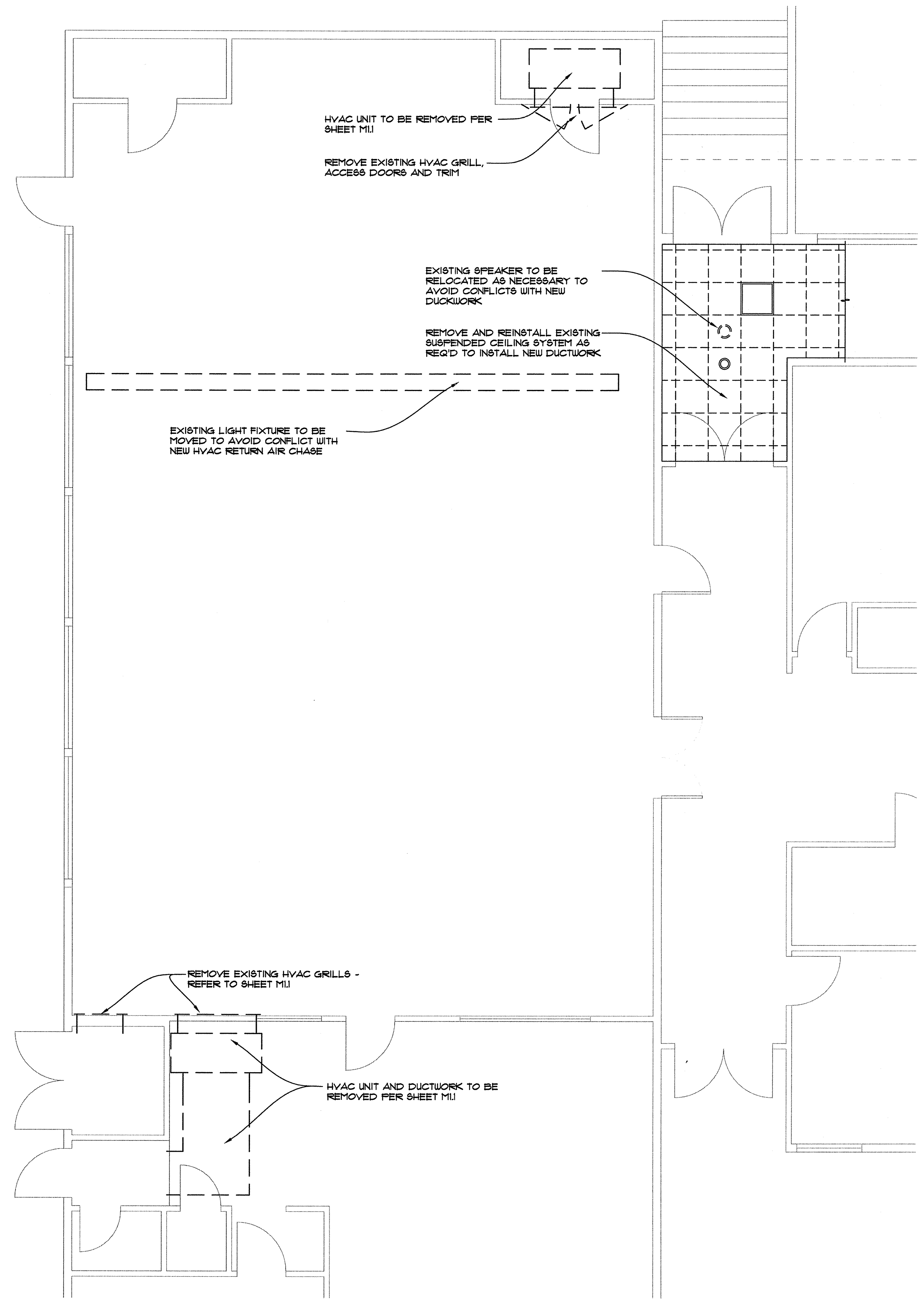
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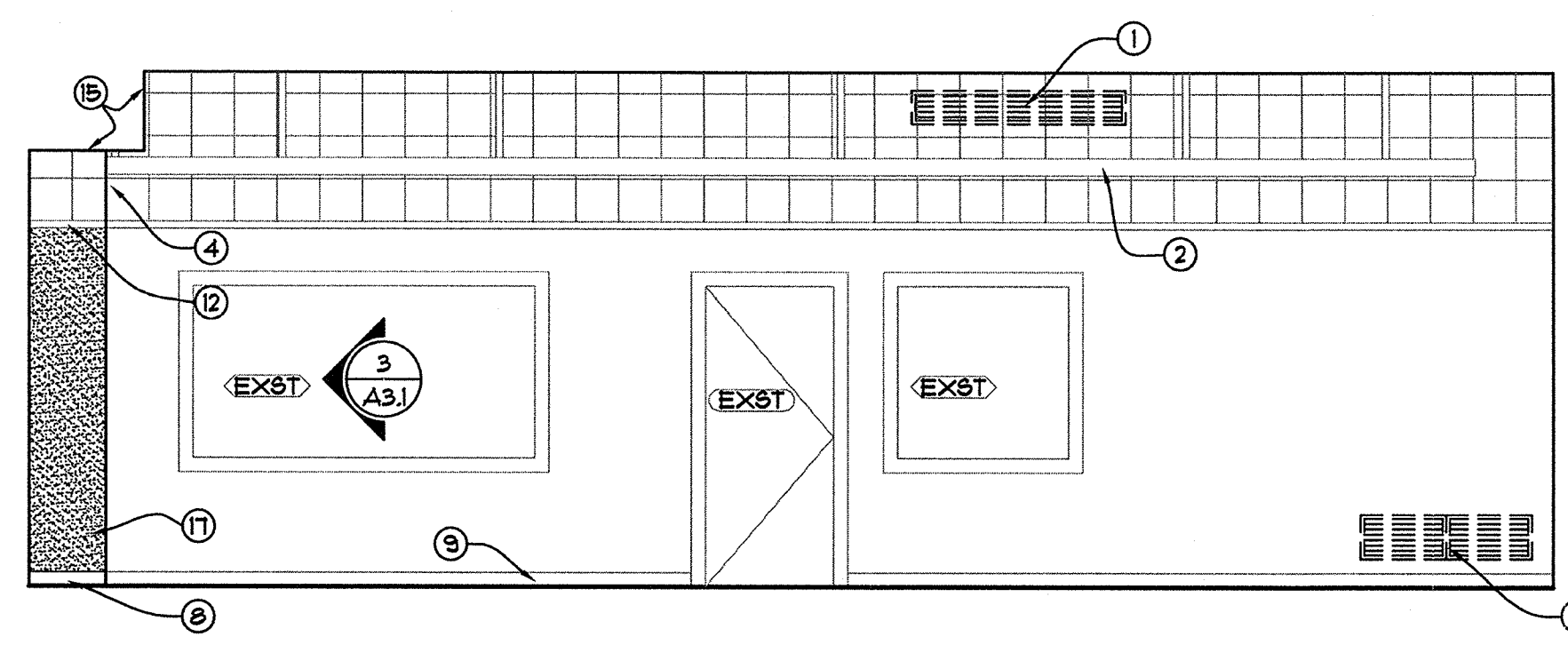
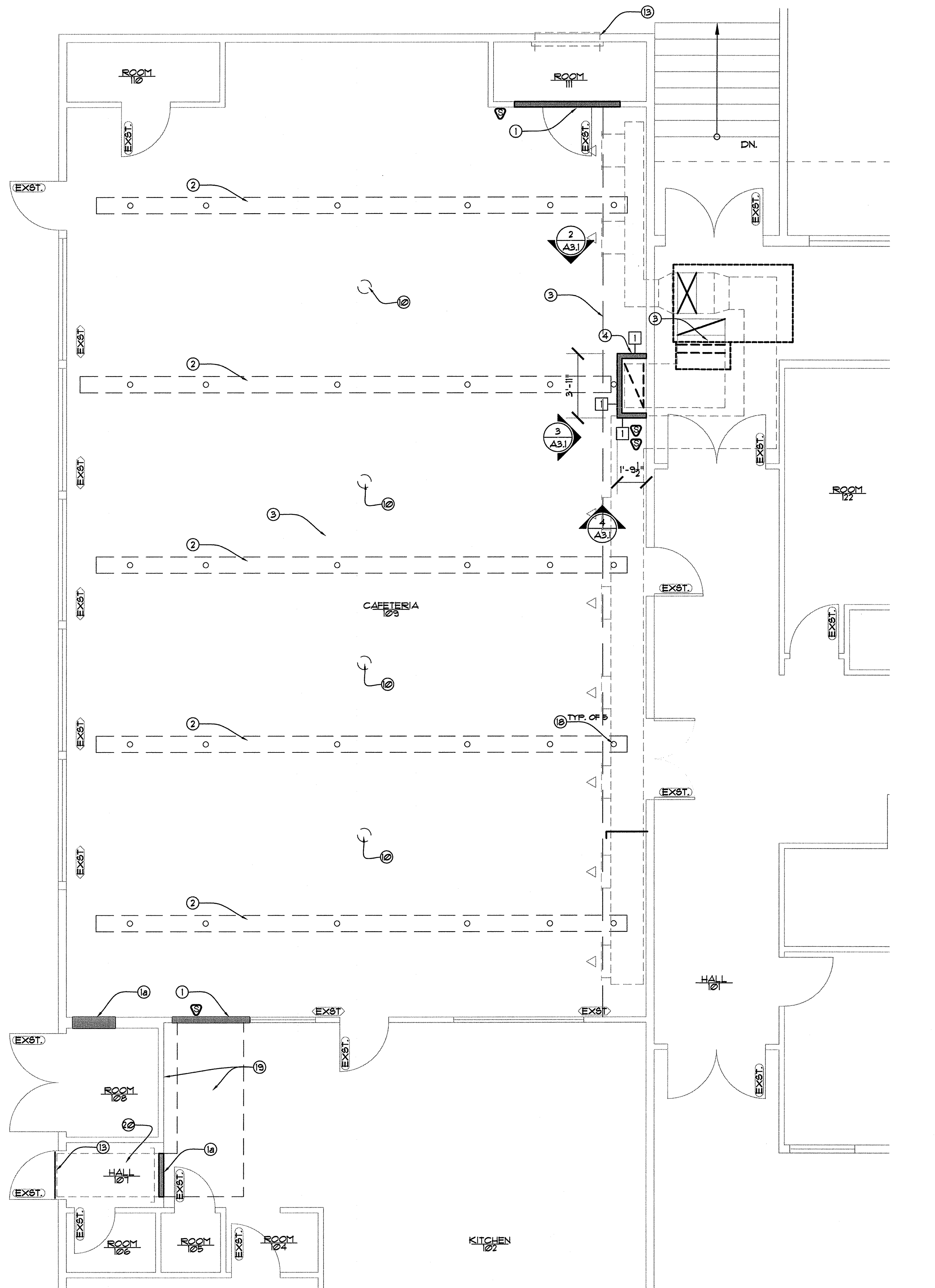
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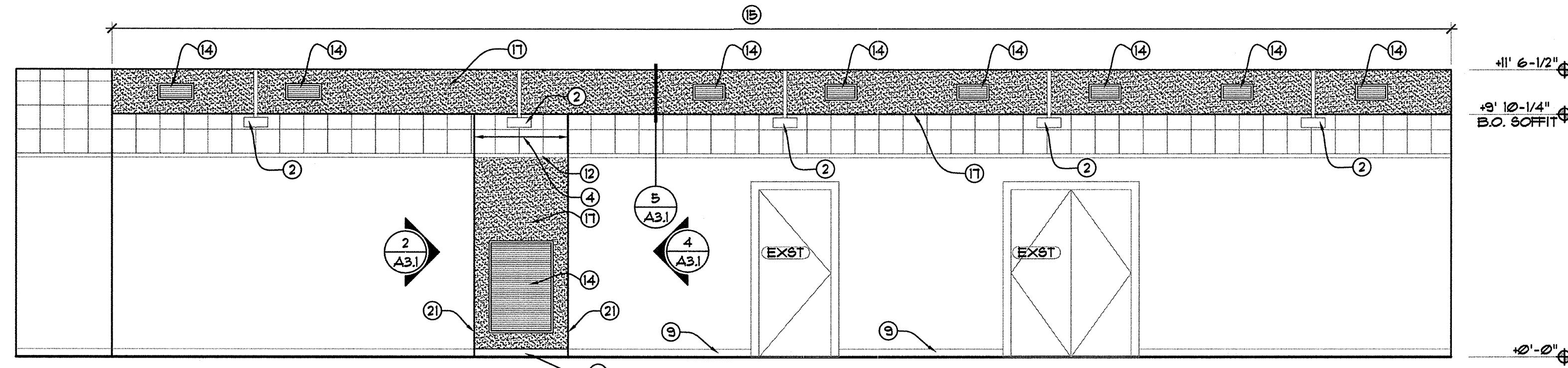
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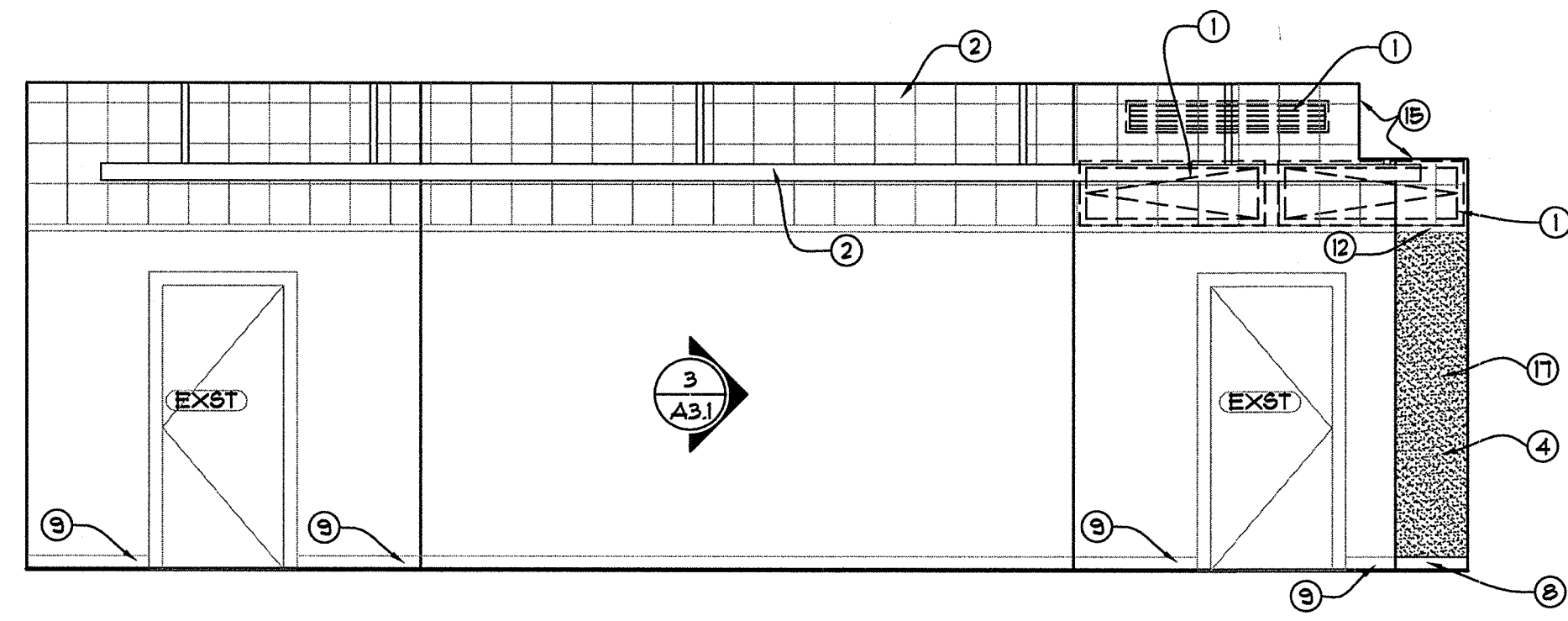
DEMOLITION FLOOR PLAN
SCALE: 1/4" = 1'-0"



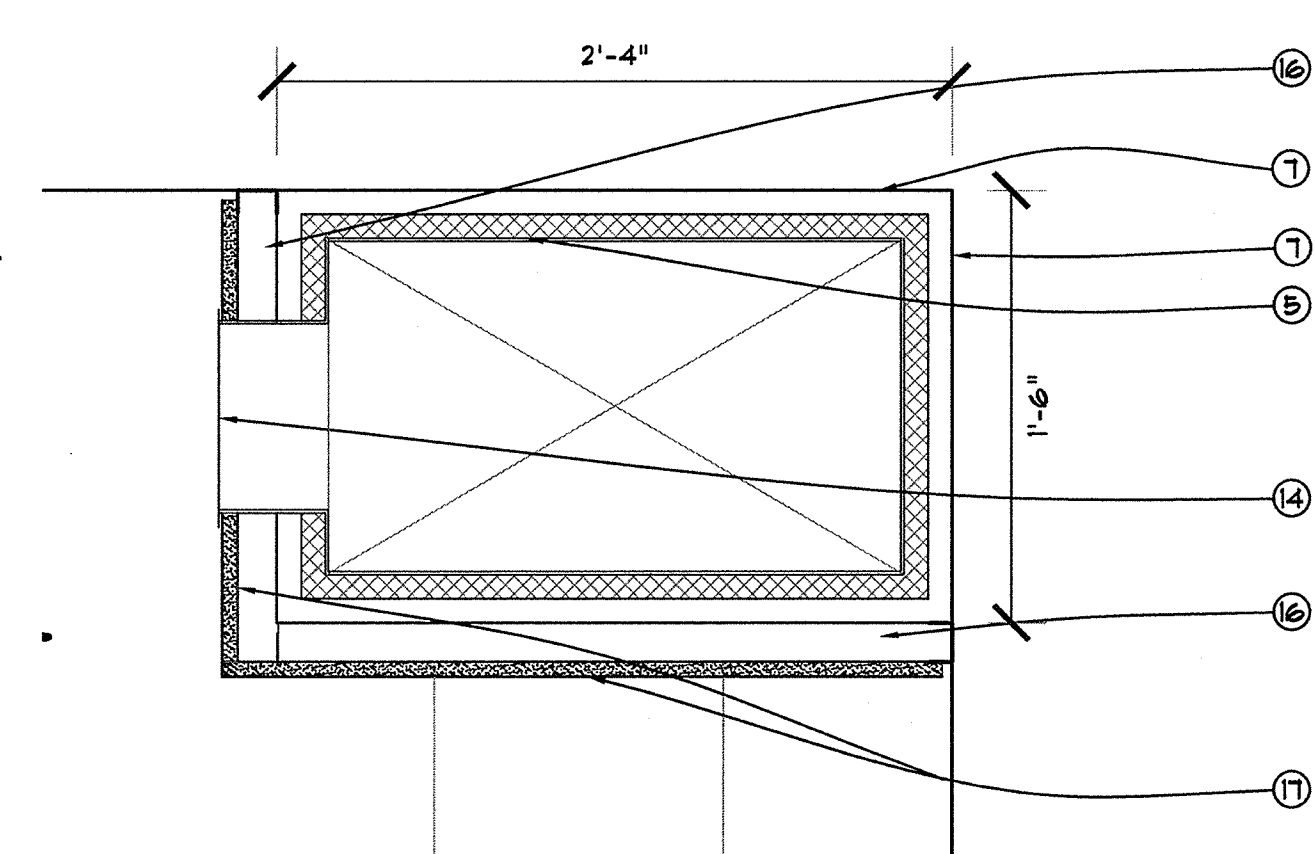
2
CAFETERIA (109)



3
CAFETERIA (109)



4
CAFETERIA (109)



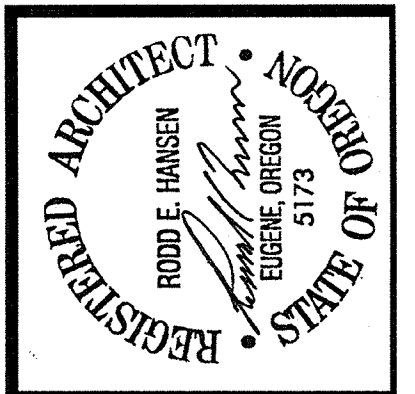
5
DETAIL
SCALE: 1-1/2" = 1'-0"

- FLOOR PLAN KEY NOTE:** (Circled symbol)
- INFILL FRAME OPENINGS, SHEATHING WITH MATCHING MATERIALS, AND FINISH WITH 12"x12" ACOUSTICAL TILES TO MATCH ADJACENT FINISHES AT CAFETERIA SIDE, FINISH W/ GYP. BD. & KITCHEN SIDE WITH PAINT FINISH.
 - EXISTING LIGHT FIXTURES - REFER TO SHEET EI FOR NOTES REGARDING RELOCATION OF FIXTURE STEMS AT EACH FIXTURE.
 - DASHED LINE INDICATES NEW SOFFIT (REFER TO MECHANICAL DRAWING FOR SPECIFICATIONS - FIELD VERIFY SOLID BACKING LOCATIONS FOR STRAP ANCHORS)
 - NEW MECHANICAL CHASE - VERIFY DIMENSIONS TO SURROUND DUCTWORK
 - NEW 12"x12" ACOUSTICAL TILES TO MATCH EXIST.
 - MECHANICAL UNITS TO BE REMOVED
 - EXISTING STRUCTURE
 - NEW RUBBER BASE - MATCH EXIST. COLOR
 - EXISTING RUBBER BASE
 - EXISTING SMOKE DETECTOR - SEE ELECTRICAL SHEETS
 - NEW 12"x12" ACOUSTICAL TILES TO MATCH EXIST.
 - NEW 1/2" TRIM - PRIME AND PAINT TO MATCH EXIST.
 - PROVIDE 24 ga. GALV. SHT. MTL. COVERS (WITH HEMMED EDGES) FOR EXISTING EXTERIOR LOUVERS - PAINT TO MATCH EXIST. COLORS
 - NEW GRILLS - SEE MECHANICAL
 - NEW HVAC SOFFIT (VERIFY REQ'D HEIGHT, WIDTH AND LENGTH)
 - 1-5/8" MTL. STUDS PER STRUCTURAL
 - 5/8" GYP. BD. - TAPED, TEXTURED, PRIMED AND PAINTED TO MATCH EXIST.
 - EXIST. LIGHT FIXTURE STEM TO BE RELOCATED - AVOID CONFLICT WITH NEW SOFFIT - (5 LOCATIONS)
 - TOUCH UP PAINT @ WALLS / CEILING WHERE DUCTWORK IS REMOVED.
 - SECTION OF DUCTWORK TO REMAIN.
 - PROVIDE AND INSTALL CLEAR PLASTIC CORNER GUARDS.

- LEGEND**
- EXISTING WALL
 - 2x4 WOOD FRAMED WALL
- WALL TYPES** (Square symbol)
- 5/8" TYPE 'X' HI-IMPACT ABUSE GYP. BD. / TEXTURED TO MATCH EXIST. / PRIME AND PAINT TO MATCH EXISTING INTERIOR COLOR

- GENERAL NOTES:**
- SITE TO BE CLEANED OF ALL DEMOLISHED MATERIAL BY CONTRACTOR PRIOR TO NEW CONSTRUCTION
 - ALL DAMAGE TO REMAINING STRUCTURE AFTER DEMOLITION WILL BE REPAIRED AND PAINTED TO MATCH EXISTING BUILDING

1
FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

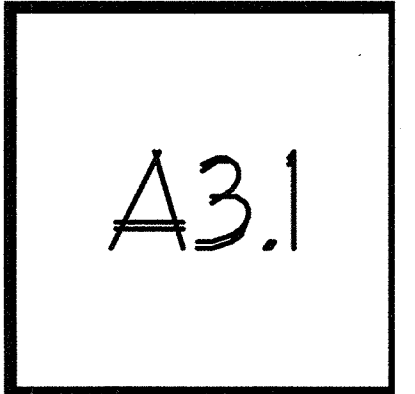


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FIRST
TITLE: FLOOR PLAN
JOB#: 1177.02192015
DRAWN BY: JSD
DATE: 2015-05-27
SCALE: 0/0"=0'-0"





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HVAC FLOOR PLAN
& SCHEDULES

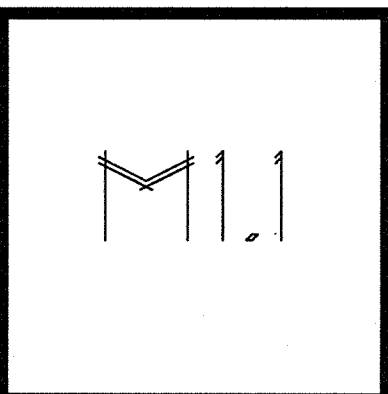
JOB#: --

DRAWN BY: CM

DATE: --

ISSUE DATE: 05-26-2015

SCALE: AS NOTED



VENTILATION SCHEDULE									
OCCUPANCY OMSC 403.3	OCCUPANT DENSITY PERSONS/ 1000 SF OMSC 403.0	OUTDOOR AIR CFM/ PERSON Rd OMSC 403.0	OUTDOOR AIR CFM/SF Ra OMSC 403.0	AREA SQ FT Az	ZONE POPULATION # OF OCCUPANTS Pz	BREATHING ZONE OUTDOOR AIR Vbz OMSC 403.3.1.1	ZONE OUTDOOR AIR Voz OMSC 03.3.1.3	PRIMARY OUTDOOR AIR FRACTION Zp OMSC 403.3.2.3.1	REQUIRED OUTDOOR AIR CFM Vot OMSC 403.3.2.3.4 (3)
CAFETERIA (MULTI-USE)	100	7.5	0.06	2056	103	896	--	--	896
HP-3 PROVIDED OSA									900

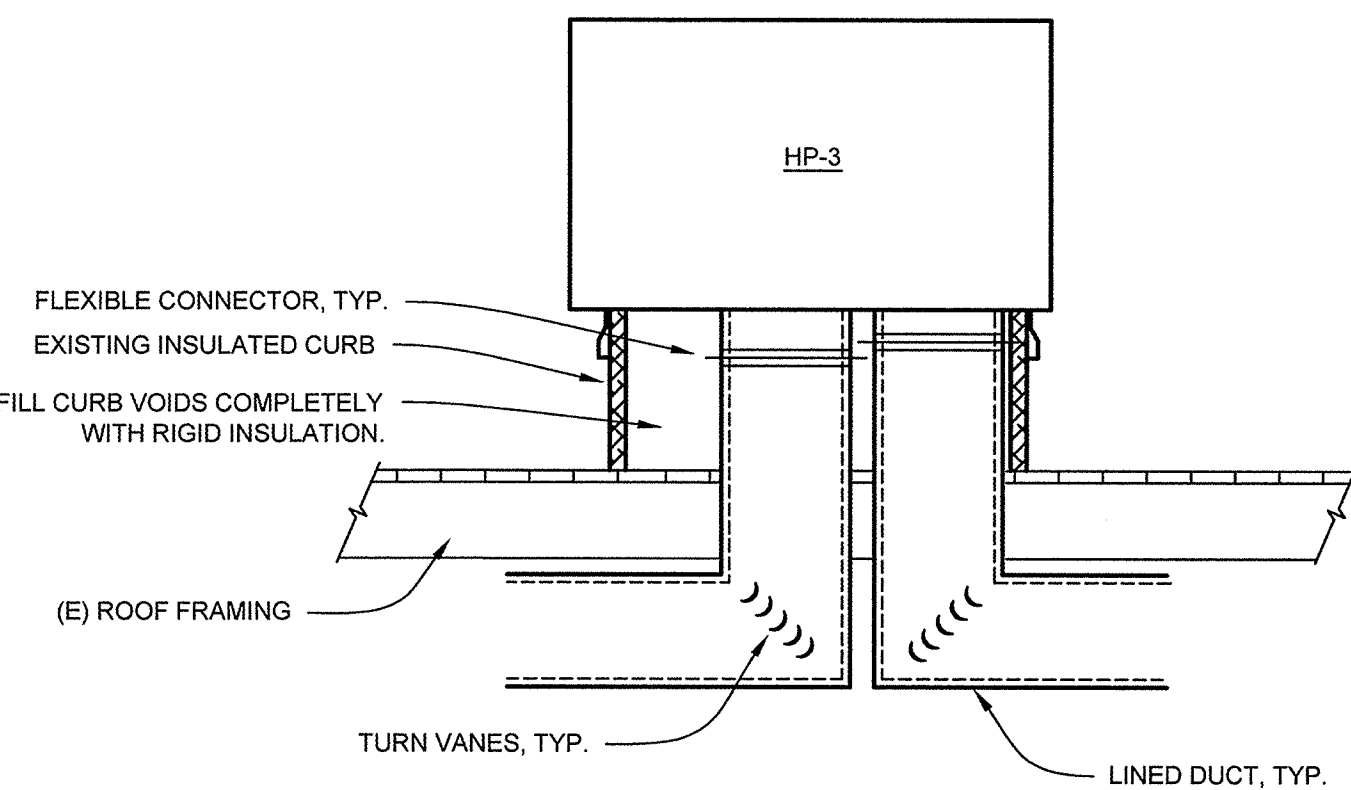
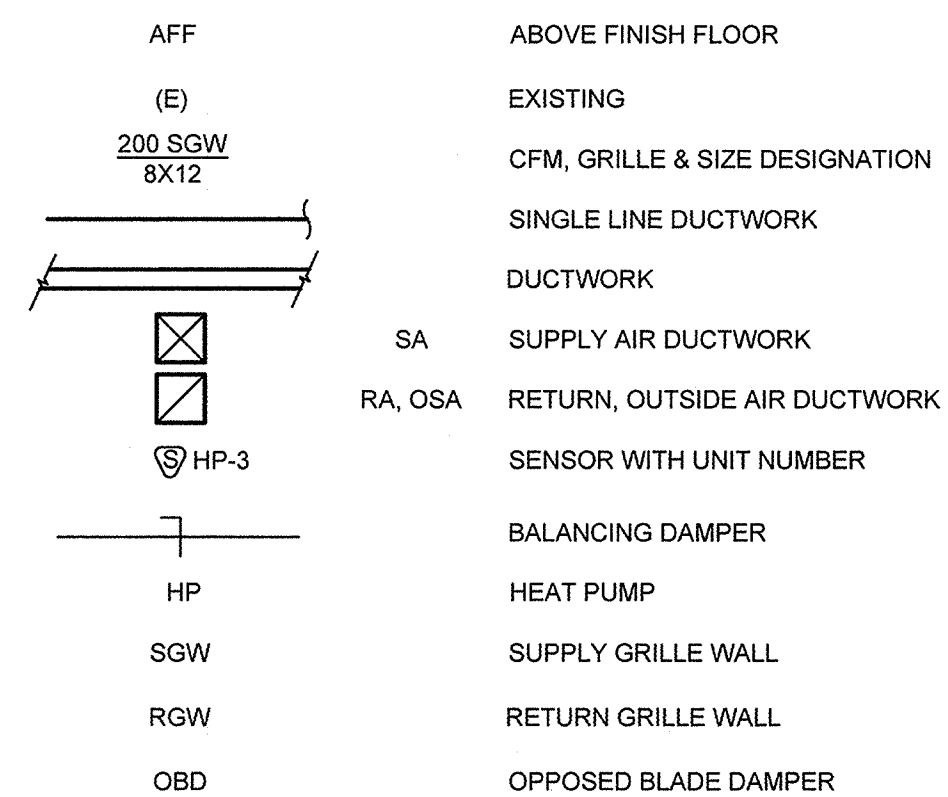
NOTES:

1. ZONE AIR EFFECTIVENESS Ez=1.0 WITH LOW WALL RA.
2. OCCUPANT DIVERSITY D=1 PER OMSC 403.3.2.3.3.
3. OCCUPANT LOADS REDUCED TO ACTUAL OCCUPANCY, BUT NO LESS THAN 50% OF CODE MINIMUM.

MECHANICAL EQUIPMENT SCHEDULE															
UNIT	AREA SERVED	TONS CLG	EQUIP TYPE	MANUFACTURER/ MODEL	EER/ COP	CFM	ESP	HP	VOLT/ PHASE	COOLING SENSIBLE TOTAL	HEATING MBH	HEAT KW STAGE 1/2	OSA CFM	AMPS	WEIGHT (LBS)
HP-3	CAFETERIA	7.5	ROOFTOP	CARRIER HCOD-008	12.1/ 3.5	3000	0.50	1.2	208/3Ø	69.4/92.1	43.6 AT 17F	12/12	130/600	132 UNIT 6.6 ECON	1610

REGISTER & GRILLE SCHEDULE				
CODE	MANUFACTURER MODEL	OBD	FINISH	REMARKS
SGW	KRUEGER 4880	YES	STANDARD WHITE	SUPPLY GRILLE HEAVY DUTY, DOUBLE DEFLECTION HORIZONTAL FRONT BARS
RGW	KRUEGER S480	NO	STANDARD WHITE	RETURN GRILLE WALL HEAVY DUTY. BARS PARALLEL WITH SHORT DIMENSION.

LEGEND



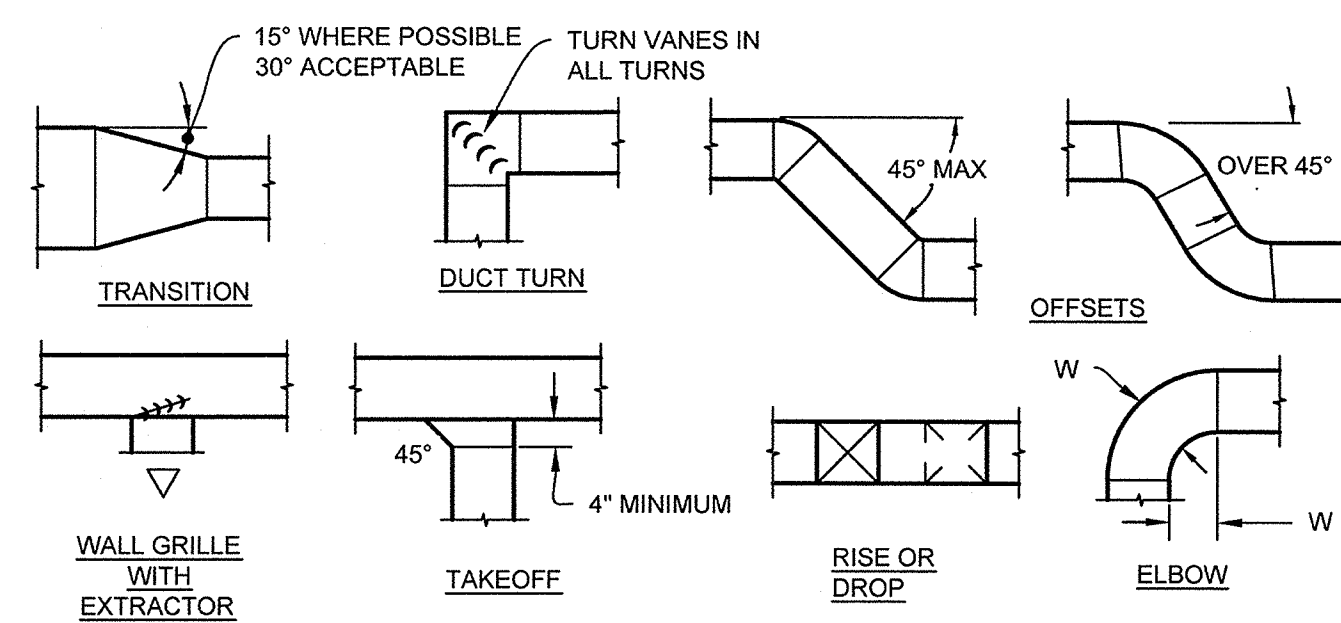
NOTES:

1. REMOVE EXISTING SHEET METAL CAP
2. REFER TO ARCHITECTURAL FOR ADDITIONAL DETAILS
3. TRAP 3/4 INCH CONDENSATE DRAIN AND ROUTE TO ROOF. PROVIDE CLEANOUT PLUG AT UNIT.
4. PROVIDE SEISMIC STRAPS FROM UNIT TO (E) CURB.
5. PROVIDE FLEXIBLE DUCT CONNECTIONS ON MAIN SUPPLY AND RETURN AT CURB CONNECTION.

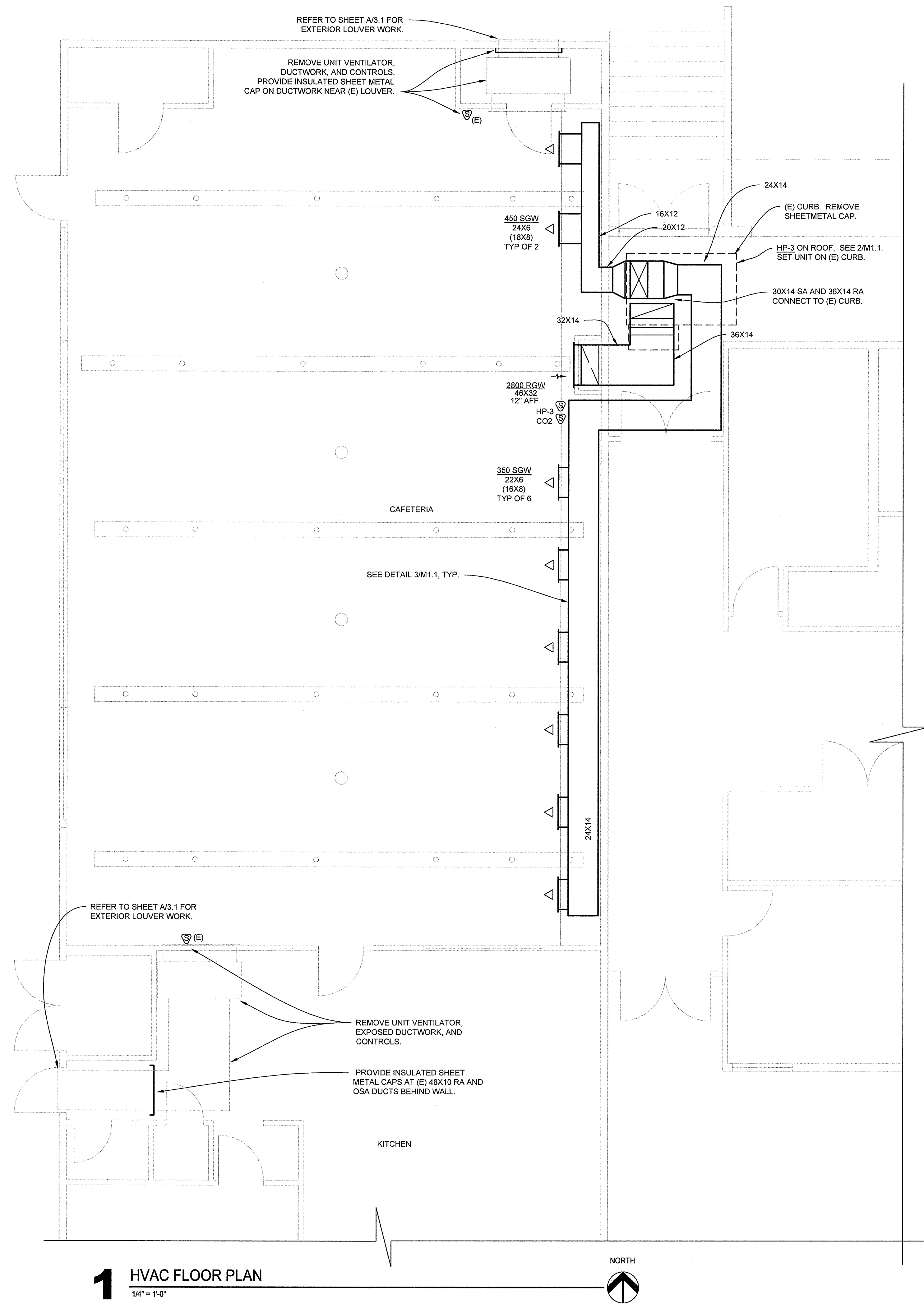
2 HEAT PUMP UNIT DETAIL
NO SCALE

NOTES:

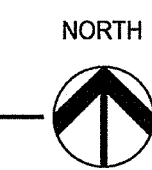
1. REFER TO ARCHITECTURAL FOR ADDITIONAL DETAILS AND ATTACHMENT TO STRUCTURE
2. MEET SMACNA STANDARDS, REFER TO SPECIFICATION SECTION 23 31 00 FOR ADDITIONAL REQUIREMENTS.



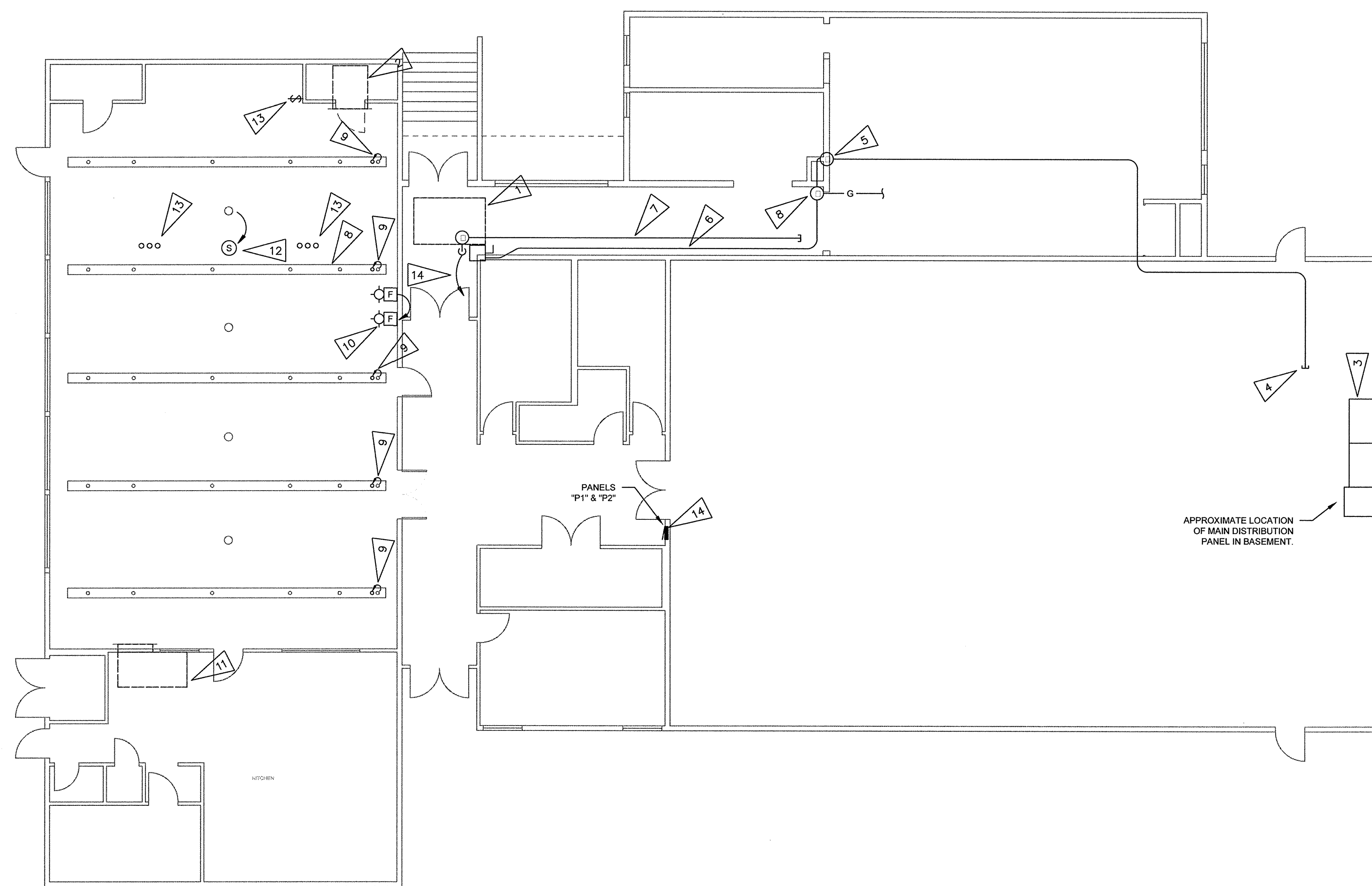
3 DUCT CONSTRUCTION DETAIL
NO SCALE



1 HVAC FLOOR PLAN
1/4" = 1'-0"



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 James Krumsick PE LEED AP
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 jkrumsick@q.com



1 ELECTRICAL FLOOR PLAN
 SCALE: 1/8" = 1'-0"

SHEET NOTES:

- 1 NEW HEAT PUMP #3 MOUNTED ON EXISTING CURB. 130.4 RLA, CONNECT AS REQUIRED.
- 2 DISCONNECT EXISTING MECHANICAL UNIT AND REMOVE CONDUCTORS TO SOURCE.
- 3 CONNECT NEW HEAT PUMP TO NEW 150/30 CIRCUIT BREAKER. INSTALL NEW BREAKER IN EXISTING SQUARE D QED SWITCH BOARD.
- 4 2" CONDUIT IS RUN FROM A JUNCTION BOX IN THE CRAWL SPACE UNDER THE CLASSROOM AND IS STUBBED INTO THE ELECTRICAL ROOM. EXTEND THIS CONDUIT TO THE MAIN DISTRIBUTION PANEL. REMOVE EXISTING GROUND CONDUCTOR IN THIS CONDUIT AND PULL IN NEW HEAT PUMP FEEDER CONDUCTORS, (3) #1/0, PLUS #3/0 GROUND CONDUCTOR.
- 5 2" CONDUIT WITH GROUND CONDUCTOR RUNS FROM THE JUNCTION BOX IN THE CRAWL SPACE, VERTICALLY IN A MECHANICAL CHASE TO THE CORRIDOR CEILING SPACE. INSTALL A PULL BOX WHERE THE CONDUIT TERMINATES. RECONNECT EXISTING BUILDING GROUND CONDUCTOR IN THIS PULL BOX AND EXTEND 2" CONDUIT TO NEW HEAT PUMP UNIT.
- 6 RUN NEW 2" CONDUIT ABOVE SUSPENDED CEILING TO NEW HEAT PUMP LOCATION AND STUB THROUGH ROOF TO NEW UNIT. PULL NEW FEEDER CONDUCTORS AND CONNECT AS REQUIRED.
- 7 RUN NEW 1" CONDUIT FROM NEW HVAC TO CORRIDOR CEILING SPACE NEAR NEW PULL BOX FOR CONTROL WIRING TO BE INSTALLED BY OWNER. PROVIDE PULL STRING AND LABEL CONDUIT.
- 8 SHIFT LIGHT FIXTURE ROW 2'-1 FOOT AS REQUIRED TO ACCOMMODATE NEW MECHANICAL CHASE.
- 9 RELOCATE LIGHT FIXTURE STEM AS REQUIRED TO ACCOMMODATE NEW DUCTWORK. LIGHT FIXTURE ROW TO REMAIN AT SAME LOCATION.
- 10 RELOCATE FIRE ALARM STROBE AS REQUIRED TO ACCOMMODATE RETURN AIR GRILLE.
- 11 REMOVE AND INSTALL (2) 8' FLUORESCENT LIGHT ASSEMBLIES AS REQUIRED FOR REMOVAL OF EXISTING MECHANICAL UNIT AND DUCTWORK.
- 12 RELOCATE EXISTING AREA SMOKE DETECTOR AS REQUIRED TO ACCOMMODATE NEW DUCTWORK.
- 13 REMOVE (6) EXISTING RECESSED LIGHT FIXTURES AND ASSOCIATED BRANCH CIRCUIT WIRING. REMOVE WIRING BACK TO SWITCH.
- 14 CONNECT SERVICE RECEPTACLE AT NEW ROOF TOP UNIT TO EXISTING SPARE CIRCUIT BREAKER IN EXISTING PANEL "P1" OR "P2".

EDGEWOOD ELEMENTARY
 CAFETERIA HVAC 2015
 577 Est. 1 46th E OR
 ELECTRICAL POWER PLAN

Project	CIP420.248.032	
Drawn by	RGM	
Checked by	JK	
Date	04/20/2015	
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No.	Description	Date

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E1