

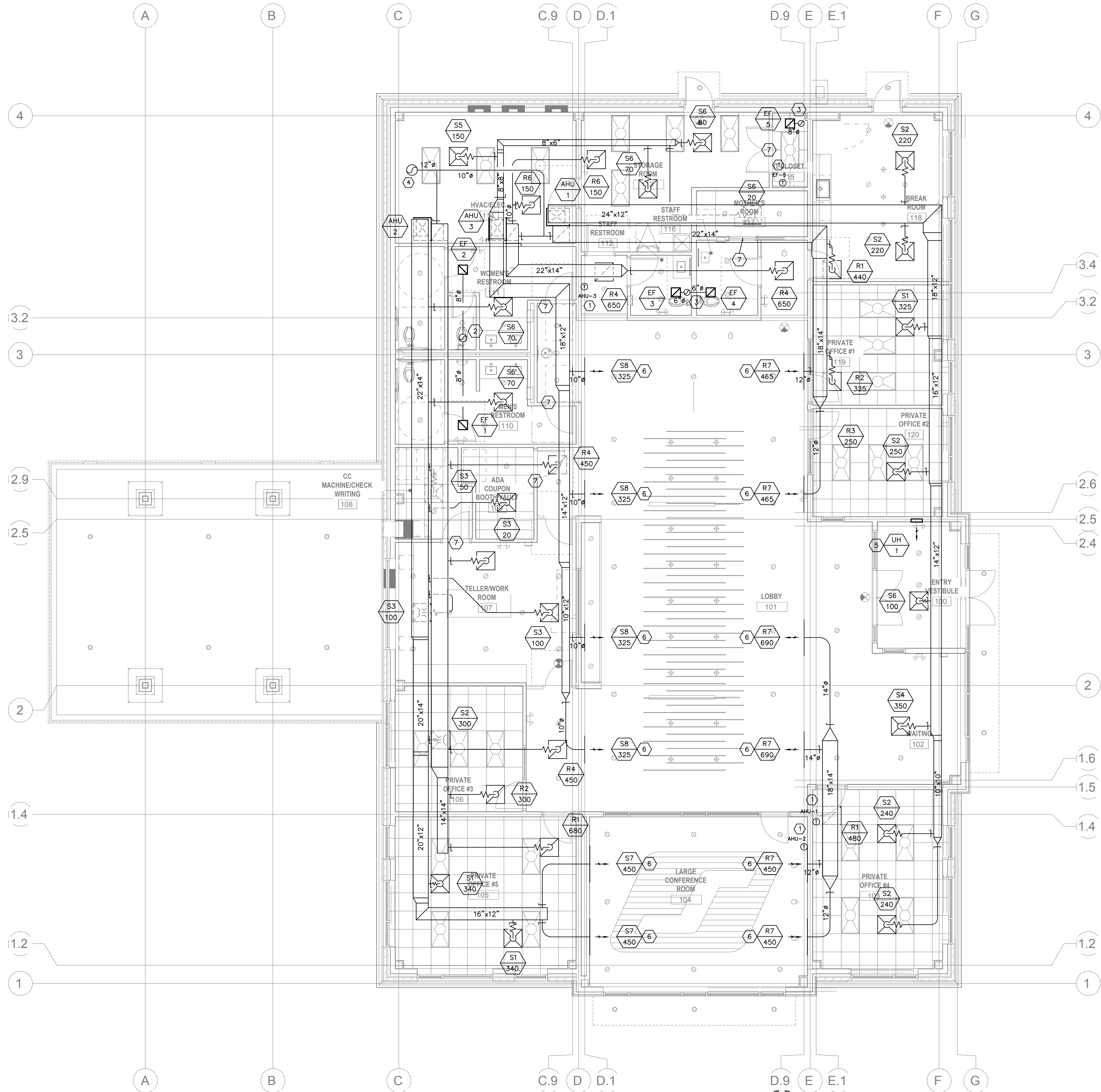
MECHANICAL SYMBOLS LEGEND		
	T	THERMOSTAT
	-W-	FLEXIBLE DUCT
	— —	VOLUME DAMPER
	FD	FIRE DAMPER
		CEILING SUPPLY AIR DIFFUSER
		CEILING RETURN AIR GRILLE
		SIDEWALL AIR DIFFUSER OR GRILLE
	—	NEW DUCTWORK
	—	EXISTING DUCTWORK
	D	CONDENSATE DRAIN
	G	GAS PIPING
	→	PIPE TURNING DOWN
	↗	PIPE TURNING UP
	+	BALL VALVE
	+	GATE VALVE
	+	CONNECTION OF NEW TO EXISTING
	+	CHECK VALVE
	+	GAS COCK
	+	UNION
	+	PRESSURE GAUGE
	+	STRAINER
	AFF	ABOVE FINISHED FLOOR
	S1	AIR DEVICE #
	100	CFM
	S	S - SUPPLY
	R	R - RETURN
	X	X - EXISTING

GENERAL NOTES

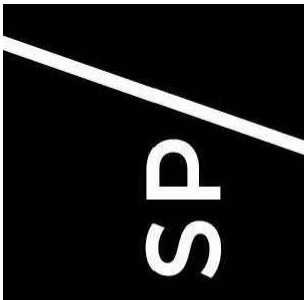
- ALL EQUIPMENT SHALL BE SEISMICALLY BRACED TO MEET CURRENT CODE.
- ALL AIR INTAKES AND EXHAUSTS NEED TO BE SEPARATED BY A MINIMUM OF 10'-0".
- ALL DUCT SIZES ARE SHEET METAL SIZES. WRAP ALL DUCTWORK WITH 1" FOIL FACED, EXTERNAL WRAP. USE 2" FOIL FACED WRAP AT ALL OUTDOOR AIR DUCTS. INCREASE DUCT SIZE ACCORDINGLY IF LINED DUCTWORK IS USED.
- ROUND OR SQUARE DUCT MAY BE USED AS LONG AS EQUIVALENT FREE AREA SPECIFIED IS PROVIDED.
- ALL DUCT RUN OUTS TO AIR DEVICES TO HAVE A DAMPER WITH A LOCKING QUADRANT.
- COORDINATE DUCTWORK WITH ALL MECHANICAL, ELECTRICAL AND PLUMBING PIPING BEFORE COMMENCEMENT OF WORK. HOLD ALL PIPING AND DUCTWORK TIGHT TO STRUCTURE IN ALL AREAS. NOTE THERE ARE HIGH CEILINGS IN MANY AREAS WHICH WILL REQUIRE CLOSE COORDINATION WITH OTHER TRADES DURING SHOP DRAWING PREPARATION AND DURING CONSTRUCTION.
- MAINTAIN MINIMUM OF 4'-0" BETWEEN BRANCH TAKE OFFS.
- THERMOSTATS SHALL BE MOUNTED AT 4'-6". ALL WALL-MOUNTED CONTROL DEVICES SHALL BE PROVIDED WITH LOCKING TAMPER-PROOF COVERS. ON DEVICES WHICH CONTAIN SENSORS, VERIFY AIRFLOW CHARACTERISTICS HAVE NOT BEEN COMPROMISED.
- PROVIDE FLEXIBLE DUCTWORK CONNECTIONS AT ALL FAN INLETS & OUTLETS.
- SEAL ALL DUCT AND PIPING PENETRATIONS THRU WALLS WITH ANGLES/RINGS AND CAULK. PROVIDE GENERAL CONTRACTOR WITH FINAL SIZES AND LOCATIONS OF ALL WALL, FLOOR, AND ROOF PENETRATIONS TO COORDINATE ANY REQUIRED STRUCTURAL FRAMING MEMBERS.

KEYED NOTES

- PROVIDE THERMOSTAT AND RELATED WIRING TO CONTROL HVAC UNIT. VERIFY LOCATION IN FIELD WITH OWNER.
- 10" EXHAUST DUCT UP THROUGH ROOF WITH ROOF CURB, CAP, AND INSECT SCREEN.
- 8" EXHAUST DUCT UP THROUGH ROOF WITH ROOF CURB, CAP, AND INSECT SCREEN.
- 12" OUTDOOR AIR DUCT UP THROUGH ROOF WITH ROOF CAP, CURB, AND INSECT SCREEN. PROVIDE AN 8" DUCT WITH VOLUME DAMPER TO THE RETURN OF EACH AHU.
- UNIT HEATER MOUNTED LOW IN WALL. VERIFY LOCATION WITH ARCHITECT IN FIELD.
- AIR DEVICE HIGH IN WALL. VERIFY LOCATION WITH ARCHITECT IN FIELD.
- DOOR IS UNDERCUT FOR RETURN/MAKE-UP AIR.



MECHANICAL FLOOR PLAN
SCALE: 3/16"=1'-0"



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Revisions:

MECHANICAL FLOOR PLAN,
SYMBOLS, & NOTES

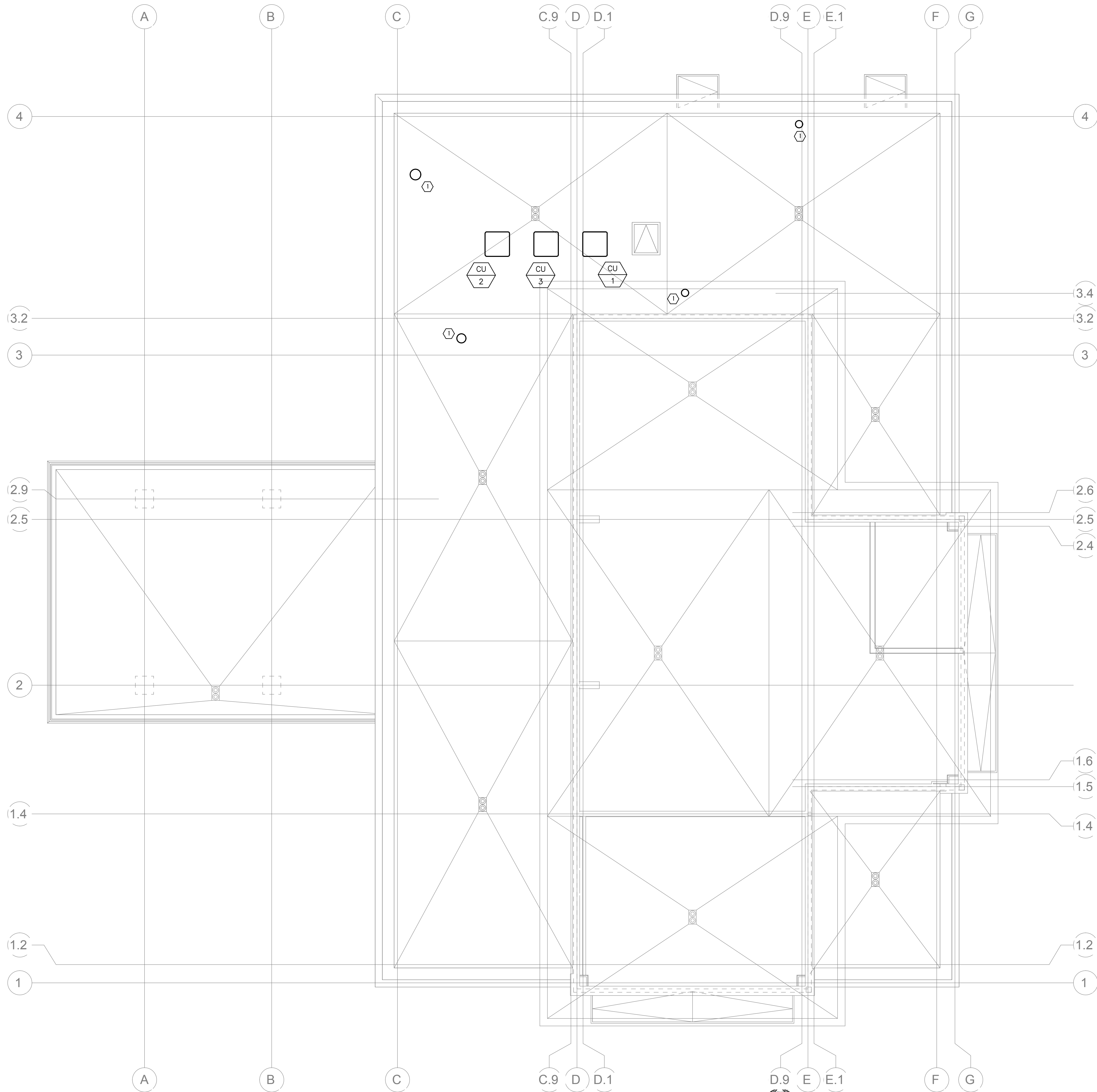
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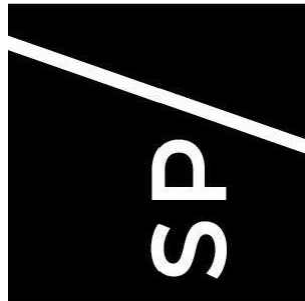
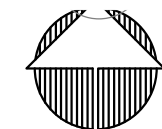
JOB NUMBER: 25-021

MECHANICAL KEYED NOTES

- ① ROOF VENT CAP.
②
③



MECHANICAL ROOF PLAN
SCALE: 3/16"=1'-0"



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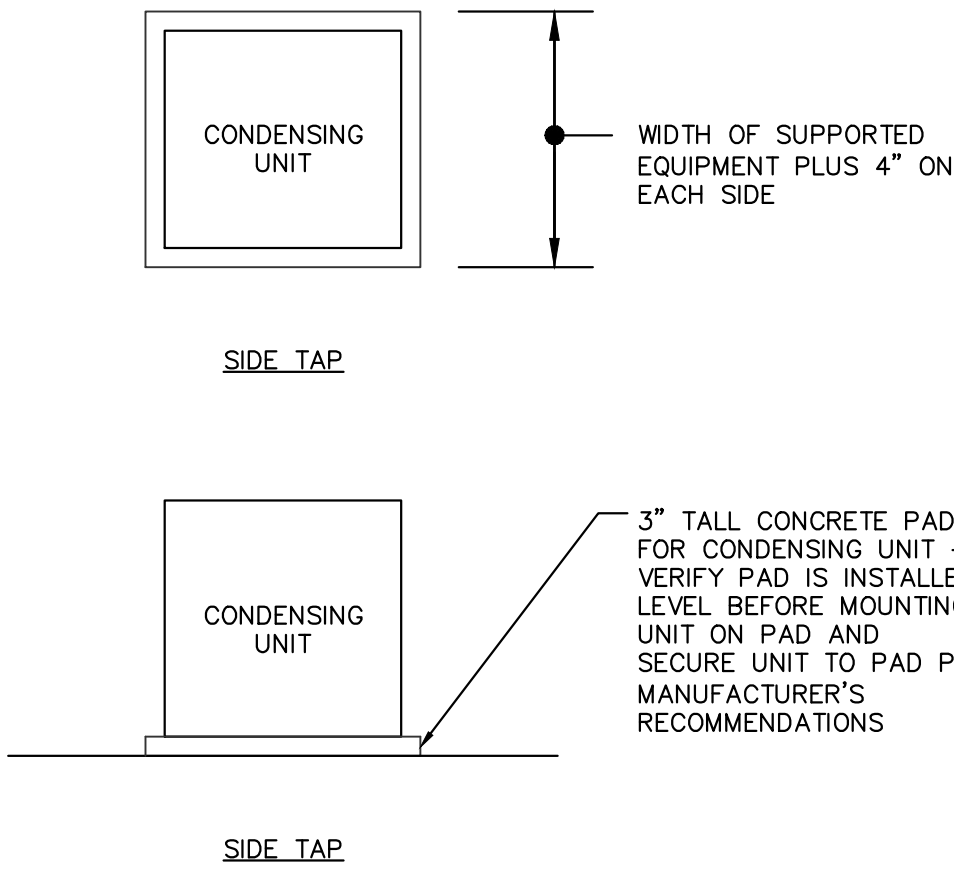
Revisions:

MECHANICAL ROOF PLAN

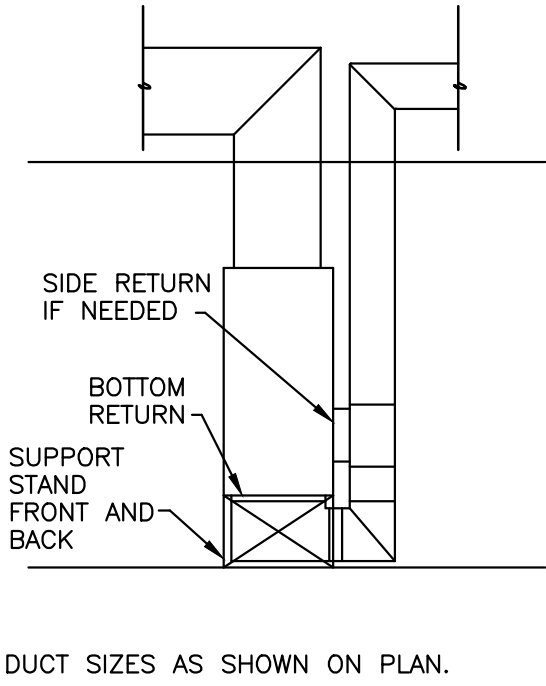
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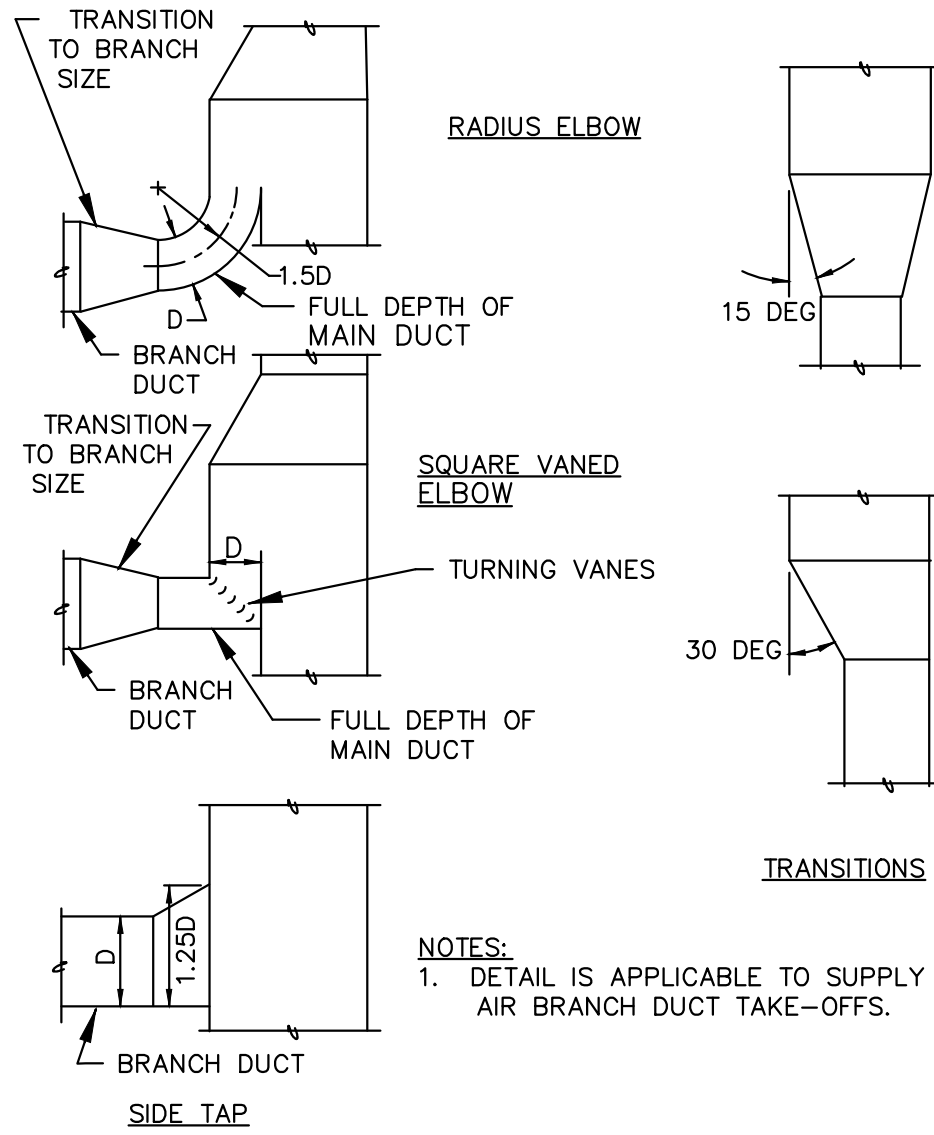
JOB NUMBER: 25-021



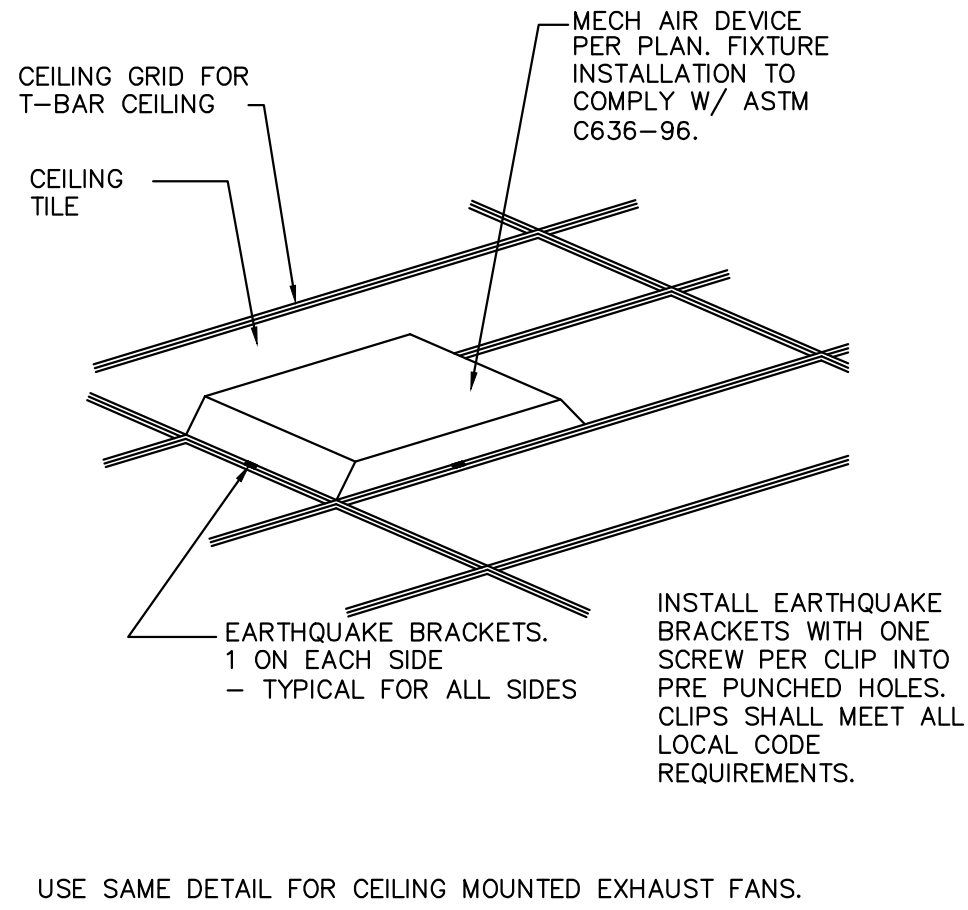
CONCRETE PAD AT CONDENSING UNIT
NO SCALE



SCHEMATIC AIR HANDLING UNIT DUCT DETAIL
NO SCALE



BRANCH DUCT TAKEOFFS AND TRANSITIONS
NO SCALE



AIR DEVICE CONNECTION AT GRID
NO SCALE

UNIT HEATER SCHEDULE

MARK	MANFG.	MODEL	BTU	CFM	ELEC. KW	VOLTS/PH	WGT (LB)	REMARKS
UH-1	INDEECO	933W-3150-S	5,118	245	1.5	120/1	25	1,2
1. WHITE FINISH WITH UNIT MOUNTED TAMPER-PROOF THERMOSTAT/CONTROLS. PROVIDE ALL NECESSARY MOUNTING HARDWARE AND FACTORY INSTALLED DISCONNECT SWITCH. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.								
2. VERIFY ELECTRICAL VOLTAGE AND PHASE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.								

AIR DEVICE SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	MATL.	NECK SIZE	FRAME TYPE	PANEL SIZE	NOTES
S1	TUTTLE & BAILEY	T1100	ST	10"Ø	LAY-IN	24"x24"	1,2,3
S2	TUTTLE & BAILEY	T1100	ST	8"Ø	LAY-IN	24"x24"	1,2,3
S3	TUTTLE & BAILEY	T1100	ST	6"Ø	LAY-IN	24"x24"	1,2,3
S4	TUTTLE & BAILEY	T1100	ST	10"Ø	SURFACE	24"x24"	1,2,3
S5	TUTTLE & BAILEY	T1100	ST	8"Ø	SURFACE	24"x24"	1,2,3
S6	TUTTLE & BAILEY	T1100	ST	6"Ø	SURFACE	24"x24"	1,2,3
S7	TUTTLE & BAILEY	AIR-TRAC	ST	3"x48"	SURFACE	4"x50"	1,2,4
S8	TUTTLE & BAILEY	AIR-TRAC	ST	3"x36"	SURFACE	4"x38"	1,2,4
R1	TUTTLE & BAILEY	T1100	ST	14"Ø	LAY-IN	24"x24"	1,2,3
R2	TUTTLE & BAILEY	T1100	ST	12"Ø	LAY-IN	24"x24"	1,2,3
R3	TUTTLE & BAILEY	T1100	ST	10"Ø	LAY-IN	24"x24"	1,2,3
R4	TUTTLE & BAILEY	T1100	ST	15"Ø	SURFACE	24"x24"	1,2,3
R5	TUTTLE & BAILEY	T1100	ST	12"Ø	SURFACE	24"x24"	1,2,3
R6	TUTTLE & BAILEY	T1100	ST	10"Ø	SURFACE	24"x24"	1,2,3
R7	TUTTLE & BAILEY	AIR-TRAC	ST	4"x48"	SURFACE	5"x50"	1,2,5

- AIR DEVICE RUN-OUT SHALL BE SAME SIZE AS DIFFUSER NECK. FLEX DUCT TO HAVE A MAXIMUM LENGTH 5'-0".
- ALL AIR DEVICES TO BE WHITE UNLESS OTHERWISE NOTED.
- PROVIDE WITH OPPOSED BLADE VOLUME DAMPER OPERABLE FROM AIR DEVICE FACE.
- WALL MOUNTED SLOT DIFFUSER WITH (2) 1" SLOTS. PROVIDE DUCT PLENUM BEHIND AIR DEVICE.
- WALL MOUNTED SLOT DIFFUSER WITH (2) 1.5" SLOTS. PROVIDE DUCT PLENUM BEHIND AIR DEVICE.

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL NO.	CFM	SP	WATT (HP)	SONE	VOLTS/PH	WGT (LB)	REMARKS
EF-1	S&P	PC150XP	150	0.1	38	1.0	120/1	12	1,2,4
EF-2	S&P	PC150XP	150	0.1	38	1.0	120/1	12	1,2,4
EF-3	S&P	PCLP80XP	80	0.1	18	0.7	120/1	7	1,2,4
EF-4	S&P	PCLP80XP	80	0.1	18	0.7	120/1	7	1,2,4
EF-5	S&P	PC150XP	150	0.1	38	1.0	120/1	12	1,3
1. VERIFY ELECTRICAL VOLTAGE AND PHASE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.									
2. CEILING MOUNTED FAN TO BE CONTROLLED WITH LIGHTS IN ROOM.									
3. CEILING MOUNTED FAN TO BE CONTROLLED BY WALL MOUNTED THERMOSTAT.									
4. PROVIDE FLEXIBLE CONNECTIONS TO DUCT AT FAN OUTLET.									

AIR HANDLING UNIT SCHEDULE

MARK	MANUF.	MODEL NO.	CFM	OA CFM	CLG COIL	EXT. SP.	COOLING		INT HTG MBH	AUX HTG KW	ELEC V / PH	WEIGHT LBS	REMARKS
							TOT. MBH	SENS. MBH					
AHU-1	LENNOX	CBK45UHET-060	1,945	230	DX	.5	54.3	39.6	36.2	20.0	208/1	190	1,2,3
AHU-2	LENNOX	CBK45UHET-060	2,290	135	DX	.5	54.3	39.6	36.2	20.0	208/1	190	1,2,3,4
AHU-3	LENNOX	CBK45UHET-048	1,620	230	DX	.5	44.8	32.3	29.2	20.0	208/1	179	1,2,3
1. WITH SINGLE POINT POWER CONNECTION. VERIFY ELECTRICAL VOLTAGE/PHASE WITH THE ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.													
2. PROVIDE 3/4" CONDENSATE DRAIN LINE TO DRAIN INDIRECTLY AT FLOOR DRAIN.													
3. INSTALL WITH 30% FILTERS AND ACCESS TO THOSE FILTERS.													
4. WITH RETURN DUCT SMOKE DETECTOR. COORDINATE REQUIREMENTS WITH ELECTRICAL CONTRACTOR.													

HEAT PUPMP CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	COOLING CAPACITY		ELEC REF. TYPE.	WEIGHT LBS	REMARKS
			TOTAL MBH	AMB °F			
CU-1	LENNOX	ML14KP1-060-230	54.3	95	R-454B	208/1	295 1,2,3
CU-2	LENNOX	ML14KP1-060-230	54.3	95	R-454B	208/1	295 1,2,3
CU-3	LENNOX	ML14KP1-048-230	44.8	95	R-454B	208/1	273 1,2,3
1. PROVIDE COIL AND REFRIGERANT PIPING AND COIL TO MATCH UNIT. SIZE, INSTALL, INSULATE AND PAINT REFRIGERANT PIPING PER MANUFACTURERS RECOMMENDATIONS. INSTALL CONDENSING UNIT LEVEL ON PAD ON ROOF.							
2. VERIFY ELECTRICAL VOLTAGE/PHASE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING UNIT.							
3. VERIFY LOCATION IN FIELD.							

12/1/05 ATTACHMENT "A" OF ST. LOUIS COUNTY RULES & REGULATIONS
ANCHORAGE & SWAY BRACING MECHANICAL & ELECTRICAL SYSTEM COMPONENTS
SEISMIC CODE BLOCK ON 1ST SHEET OF MECHANICAL & PLUMBING PLANS
EARTHQUAKE LOAD RESISTANCE

SEISMIC USE GROUP (2)

SEISMIC DESIGN CATEGORY (D)

LISTING OF EQUIPMENT AND SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOFS, ETC.		SWAY BRACING		LOCATION OF PROFESSIONAL SEALED ANCHORAGE AND SWAY BRACING DETAILS			COMMENTS
	NOT PROVIDED	PROVIDED	NOT PROVIDED	PROVIDED	ON CONST. DOCUMENTS	SUBSEQUENT SUBMITTAL		
					DRAWING NO. OR SPEC. SECTION	SHOP DRAWINGS	SEPARATE PERMIT & PLANS	
FIRE PROTECTION, DETECTION & ALARM EQUIPMENT & SYSTEM COMPONENTS; *SEE ATTACHMENT "C" TABLE 200	X		X					
HAZARDOUS EQUIPMENT & SYSTEM COMPONENTS; *SEE ATTACHMENT "C" TABLE 200	X		X					
OTHER EQUIPMENT & SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF SEISMIC USE GROUP III FACILITIES OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION *SEE ATTACHMENT "C" TABLE 200	X		X					
OTHER GENERAL EQUIPMENT & SYSTEM COMPONENTS EXHAUST FANS DUCTWORK SUPPLY AND RETURN AIR DEVICES CONDENSING UNITS AIR HANDLING UNITS UNIT HEATER	 X X X X X	 X 	 X X X X X	 	 M3	 	 	1. SEISMIC SUPPORTS OF DUCTWORK ARE NOT REQUIRED AS ALL DUCTS ARE LESS THAN 6 SQ.FT. CROSS-SECTIONAL AREA. 2. SEISMIC SUPPORTS OF EXHAUST FANS, CONDENSING UNITS, AIR HANDLING UNITS, AND UNIT HEATER ARE NOT REQUIRED AS ALL FANS HAVE AN IP OF 1.0, ARE LESS THAN 400 LBS AND ARE MOUNTED WITHIN 4' OF THE ROOF, OR ARE LESS THAN 20 LBS AND ARE FLEXIBLY CONNECTED TO THE DUCTWORK THEY SERVE.

Sullivan Bank Outdoor Air Calculations													
Outdoor Air Code Requirements													
Room	Length (feet)	Width (feet)	Area (square feet)	Outdoor air per person (ft³)	Outdoor Air per Square Foot (CFM/sq. ft.)	People per 1000 Square feet (PP/1000)	Number of People (P)	Rp*PP	Rp*Area	Outdoor Air Required (CFM)	Outdoor Air Provided (CFM)	Exhaust Rec'd (CFM/ton)	Total Exhaust Required (CFM)
100 Entry/Vestibule	14	14	196	0.06	0.06	16	16	1	1	1	0	0	0
101 Lobby	54	29	1566	0.06	0.06	3	3	34	81	115	115	0	0
102 Waiting	14.3	17	243	0.06	0.06	3	3	9	10	0	0	0	0
103 Private Office #1	19.75	14.3	282	0.06	0.06	3	3	7	17	24	24	0	0
104 Large Conference Room	19	24	456	0.06	0.06	30	30	14	48	21	48	0	0
105 Private Office #5	16.75	20	335	0.06	0.06	3	3	8	20	28	30	0	0
106 Private Office #3	14	14	196	0.06	0.06	3	3	5	12	17	15	0	0
107 Teller Work Room	15.3	19.75	302	0.06	0.06	10	10	3	30	34	34	0	0
108 CC Machine/Check Writing	10	7.5	75	0.06	0.06	3	3	2	3	6	6	0	0
109 ADA Coupon Booth/Vault	10	7	70	0.06	0.06	3	3	2	4	6	6	0	0
110 Men's Restroom	8.25	17.5	145	0.06	0.06	0	0	0	0	0	0	0	0
111 Women's Restroom	11.3	17.5	198	0.06	0.06	0	0	0	0	0	0	0	0
112 Staff Restroom	6.5	7	46	0.06	0.06	0	0	0	0	0	0	0	0
Corridor	7	3	21	0.06	0.06	3	3	1	2	3	3	0	0
113 Storage Room	14.3	13	186	0.06	0.06	3	3	5	11	16	15	0	0
114 HVAC/Elec.	8	8.5	68	0.06	0.06	3	3	2	4	6	6	0	0
115 IT Closet	14	20	280	0.06	0.06	3	3	7	17	24	24	0	0
116 Staff Restroom	8	3.5	28	0.06	0.06	4	4	1	2	2	2	0	0
117 Mother's Room	6.5	7	46	0.06	0.06	0	0	0	0	0	0	0	0
118 Break Room	7	9	63	0.06	0.06	3	3	1	2	3	3	0	0
119 Private Office #2	13	14.3	186	0.06	0.06	3	3	5	11	16	15	0	0
120 Private Office #2	12	14.3	172	0.06	0.06	3	3	4	10	15	15	0	0
Total = 694 693													

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Revisions:

MECHANICAL SCHEDULES, DETAILS, & NOTES

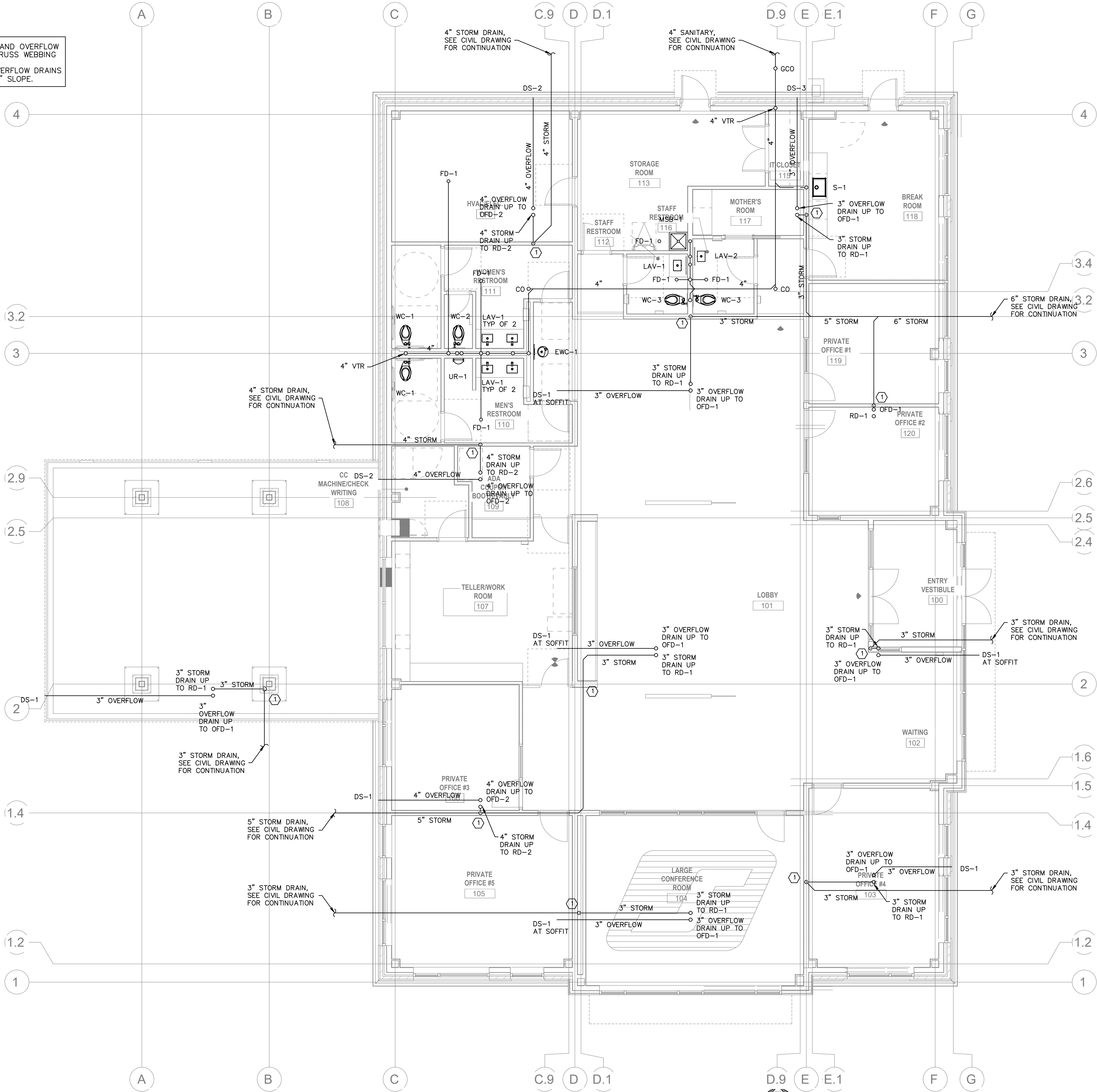
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JOB NUMBER: 25-021

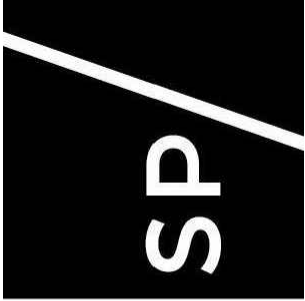
PLUMBING SYMBOLS LEGEND	
— D —	DRAIN
— — —	COLD WATER
— · — · —	HOT WATER
— · — · — · — · —	HOT WATER RECIRCULATING LINE
— — — — —	SANITARY DRAIN
— — — — —	SANITARY VENT
VTR	VENT THROUGH ROOF
— ∩ —	PLUMBING TRAP
— ∩ —	PIPE TURNING DOWN
— ∩ —	PIPE TURNING UP
— ∩ —	GATE VALVE
— ∩ —	CHECK VALVE
— ∩ —	UNION
— ∩ —	PRESSURE GAUGE
— ∩ —	STRAINER
AFF	ABOVE FINISHED FLOOR
CO	CLEAN OUT
— ∩ —	PRESSURE REGULATING VALVE (PRV) (50 PSI)
— ∩ —	CONNECT TO EXISTING
— ∩ —	BALL VALVE
— CA —	COMPRESSED AIR
— V —	VACUUM LINE
DL	DENTAL LAVATORY
GCO	GRADE CLEAN OUT

ROUTE ALL STORM AND OVERFLOW
DRAINS THROUGH TRUSS WEBBING
ALL STORM AND OVERFLOW DRAINS
TO BE RUN AT 1/4" SLOPE.



PLUMBING KEYED NOTES
① STORM DRAIN DOWN IN WALL. COORDINATE DROP LOCATION TO NOT
CONFLICT WITH CONCRETE FOOTING AT COLUMN.

PLUMBING ROOF PLAN
SCALE: 3/16"=1'-0"



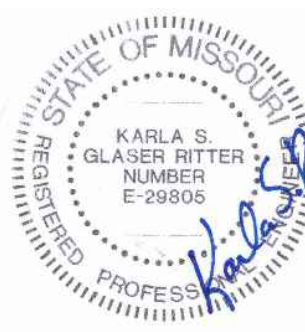
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Revisions:

PLUMBING SANITARY PLAN
& NOTES

P1

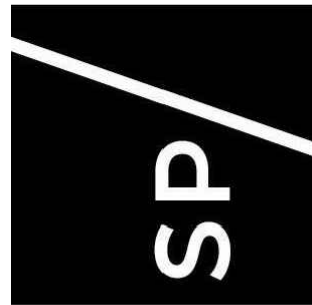
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- PLUMBING KEYED NOTES**
- 2" COLD WATER SERVICE FOR BUILDING. SEE CIVIL DRAWINGS FOR CONTINUATION. PROVIDE MAIN SHUT-OFF VALVE AT CONNECTION. VERIFY LOCATION IN FIELD.
 - WATER HEATER MOUNTED ABOVE MOP SINK. 1" COLD WATER AND HOT WATER DOWN TO WATER HEATER.
 - PROVIDE SHUT-OFF ISOLATION VALVES FOR EACH PLUMBING GROUP IN AN ACCESSIBLE LOCATION.
 - 1/2" COLD WATER CONNECTION BOX FOR ICE MAKER.
 - PROVIDE 1-1/2" COLD WATER STUB WITH SHUT-OFF FOR FUTURE LAWN IRRIGATION.
 - 1/2" COLD WATER UP TO RH-1 AT ROOF. ROUTE DRAIN LINE TO MOP SINK BELOW.
 - PROVIDE WATER STOPS UNDER COUNTER FOR DISHWASHER.

PLUMBING WATER PLAN
SCALE: 3/16"=1'-0"



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Revisions:

PLUMBING WATER PLAN
& NOTES

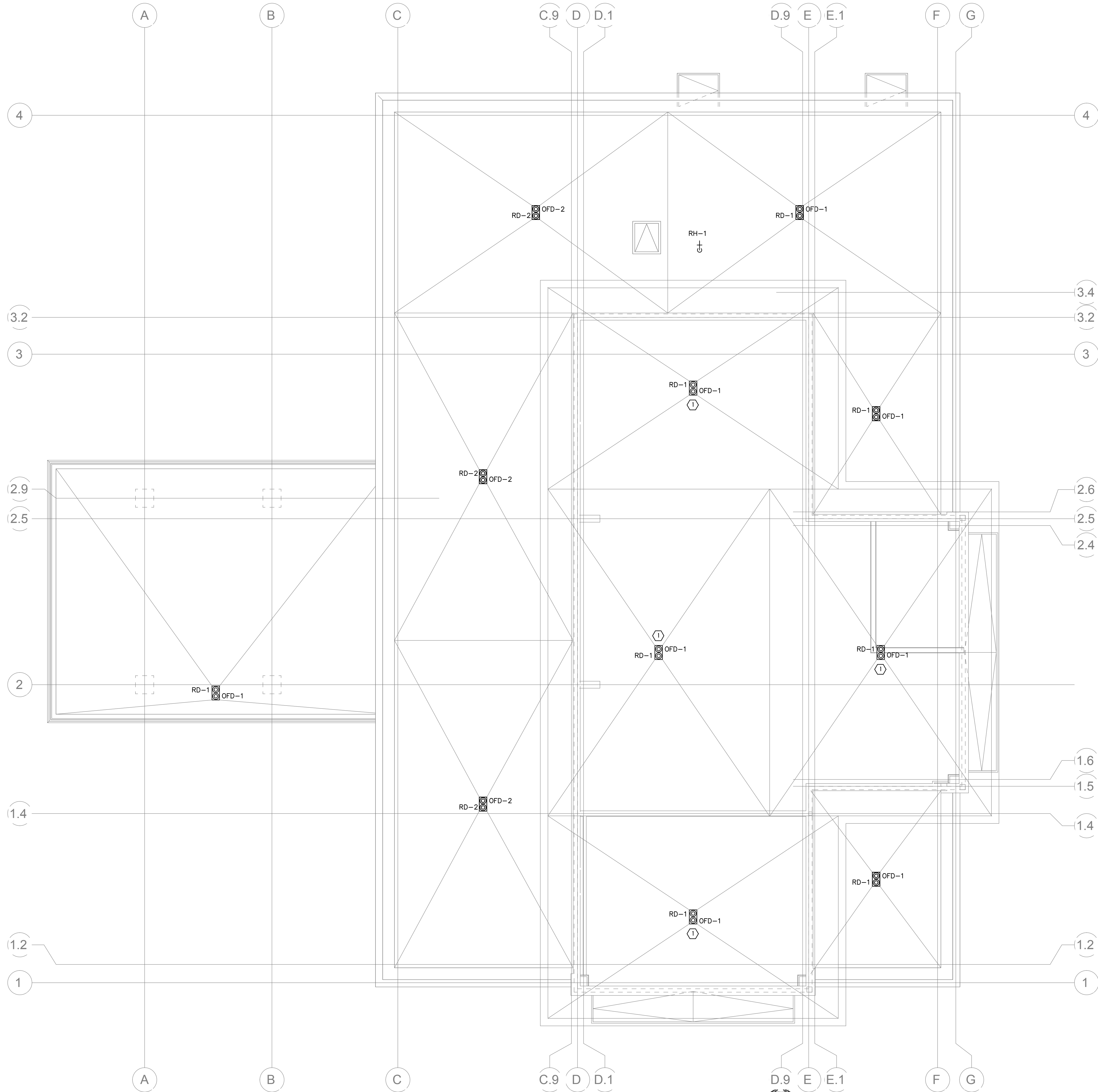
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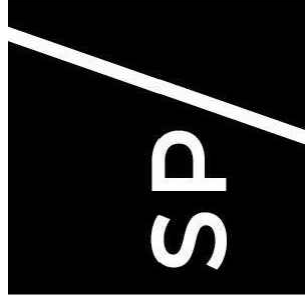
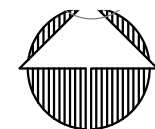
JOB NUMBER: 25-021

PLUMBING KEYED NOTES

① OVERFLOW ROOF DRAIN AT HIGH ROOF TO DRAIN OUT SOFFIT TO LOWER ROOF.



PLUMBING ROOF PLAN
SCALE: 3/16"=1'-0"



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PLUMBING ROOF PLAN

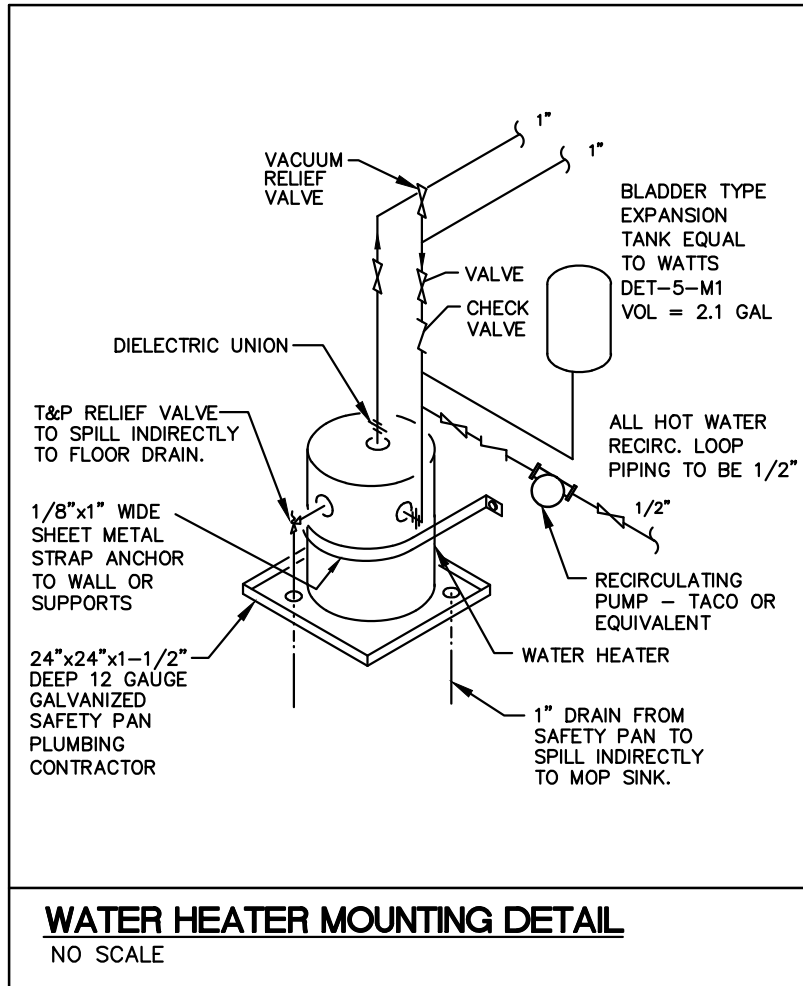
P3

ISSUE DATE: 12.04.2025

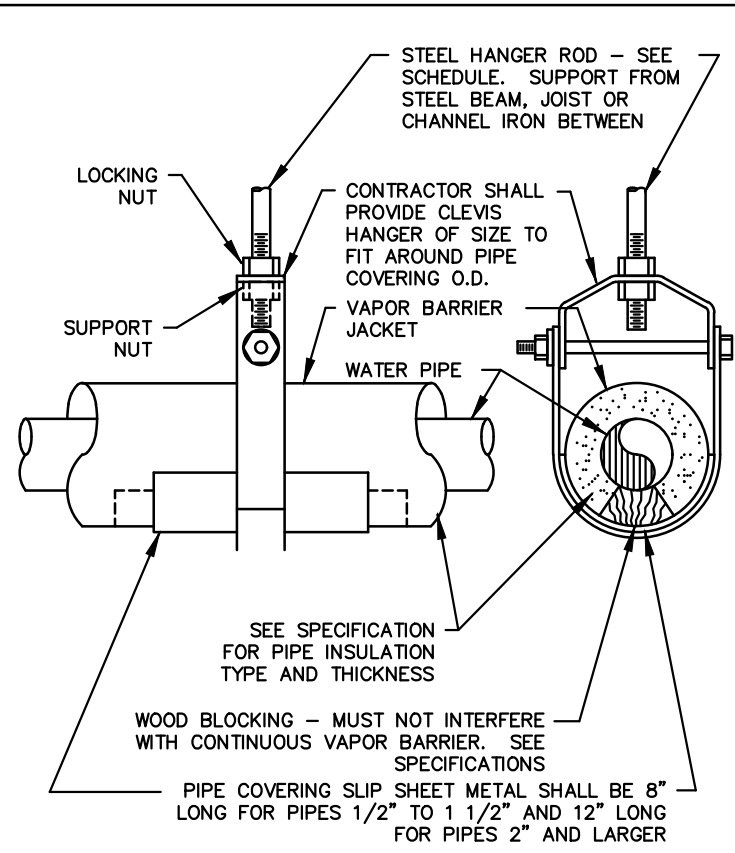
JOB NUMBER: 25-021

CONTRACTOR'S GENERAL NOTES

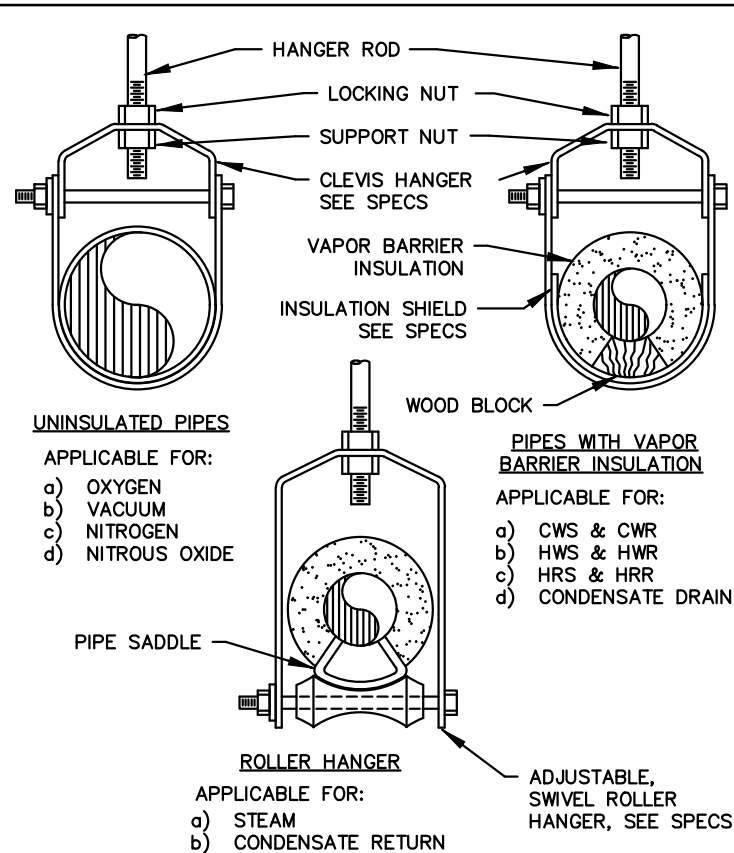
1. THE SUBMISSION OF PROPOSALS SHALL BE CONSIDERED EVIDENCE THAT THE CONTRACTORS HAVE VISITED THE SITE. NO EXTRA PAYMENTS WILL BE ALLOWED THESE CONTRACTORS CLAIMS FOR EXTRA WORK MADE NECESSARY BY THEIR FAILURE TO VISIT THE SITE AND REVIEW THESE DRAWINGS/SPECIFICATIONS.
2. EACH CONTRACTOR SHALL WARRANTY THEIR WORK FOR 1 YEAR FROM THE COMPLETION OF THE PROJECT.
3. ALL CONTRACTORS SHALL COMPLETE THEIR WORK ACCORDING TO THE 2021 INTERNATIONAL PLUMBING CODE AND THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE.
4. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL WALL/ROOF PENETRATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
5. ALL AIR INTAKES AND EXHAUSTS SHALL BE LOCATED A MINIMUM OF 10'-0" APART.
6. CONTRACTOR TO VERIFY INTEGRITY OF ALL EXISTING PIPING AND CARRIERS TO BE RE-USED, AND REPLACED WITH NEW AS NEEDED.
7. ROUTE ALL PIPING IN AN ORDERLY FASHION PARALLEL OR PERPENDICULAR TO WALLS AND BUILDING ELEMENTS.
8. ALL OF THE PLUMBING WORK IS NOT NECESSARILY SHOWN OR NOTED ON THESE DRAWINGS. THE CONTRACTORS SHALL VISIT THE JOB SITE AND VERIFY ALL EXISTING CONDITIONS RELATED TO THEIR WORK BEFORE BIDDING. NOTIFY THE OWNER OF ANY DISCREPANCIES. THOSE ITEMS NOT SHOWN OR NOTED BUT WHICH ARE DEEMED NECESSARY FOR REMOVAL OR RELOCATION BY OWNER'S REPRESENTATIVE SHALL BE PART OF THIS CONTRACT.
9. PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS AND PROVIDE A CERTIFICATE OF INSPECTION.
10. COORDINATE DISCREPANCIES BETWEEN DOCUMENTS AND FIELD CONDITIONS WITH THE OWNER OR HIS AUTHORIZED AGENT. COORDINATE THE EXTENSION, MODIFICATION, FINAL CONNECTION AND TESTING OF ALL UTILITIES OR INTERFACED SYSTEMS WITH THE OWNER'S FIELD REPRESENTATIVE.
11. PROVIDE CLEAR ACCESS TO ALL EQUIPMENT AND VALVES.



WATER HEATER MOUNTING DETAIL
NO SCALE



PIPE COVERING PROTECTOR DETAIL
NO SCALE



PIPE HANGER DETAILS
NO SCALE

WATER HEATER SCHEDULE

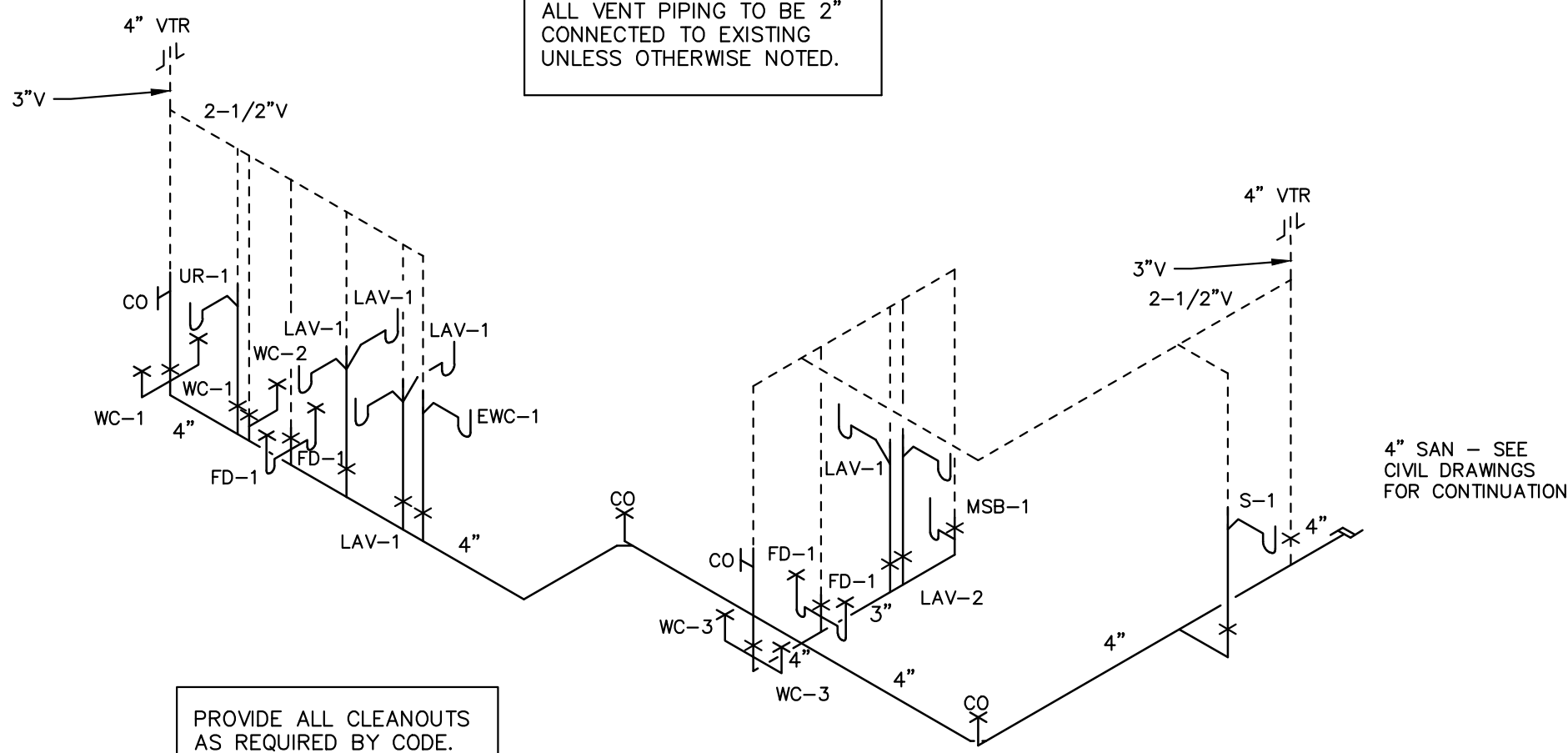
MARK	MANUF.	MODEL	STORAGE	RECOVERY	F. RISE	KW INPUT	REMARKS
EWH-1	A.O.SMITH	DEL-20	20	19	54	3.0	1,2,3,4

1. COORDINATE ANY ELECTRICAL POWER REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR.
2. RUN 3/4" DRAIN LINE TO MOP SINK BELOW.
3. OR EQUIVALENT.
4. SET LEAVING WATER TEMPERATURE TO 105°F MAXIMUM.

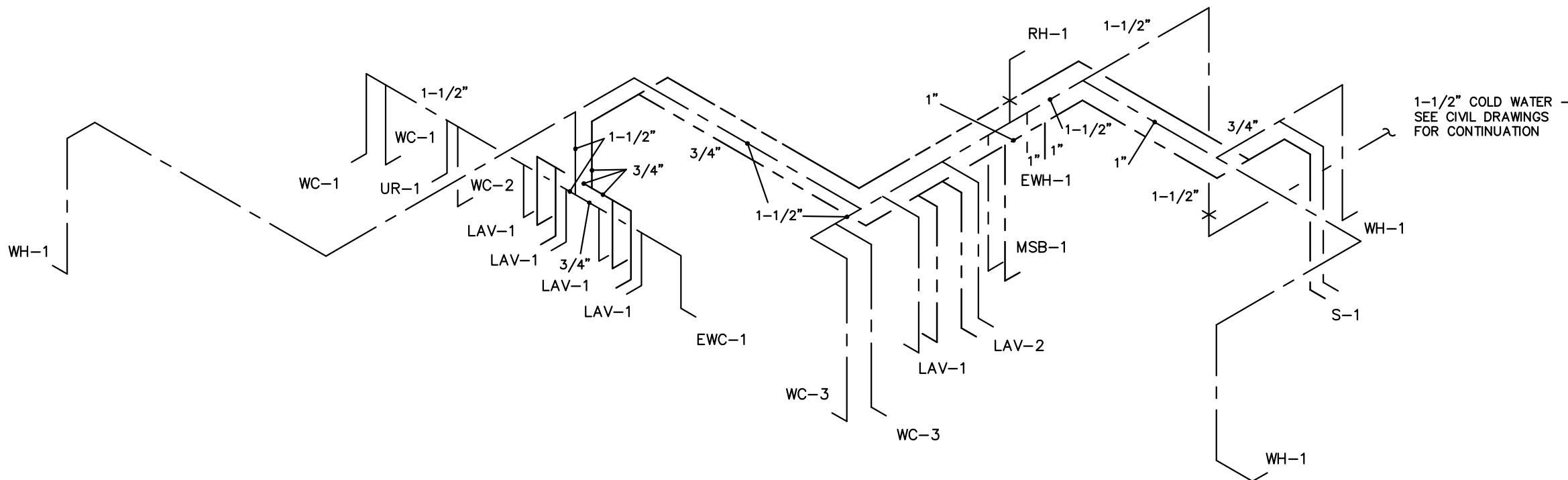
PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	WASTE	VENT	CW	HW	REMARKS
S-1	SINGLE BOWL SINK (ADA COMPLIANT) ELKAY #ELUHD21155OPD STAINLESS STEEL UNDERMOUNT SINK	2"	2"	1/2"	1/2"	DELTA 'TRINSIC' 1.8 GPM SINGLE HOLE PULL DOWN FAUCET, #9159-S-L-DST, IN MATTE BLACK FINISH, WITH MCGUIRE 155-WC P-TRAP & BRASS CRAFT SCR19-Z LOOSE KEY
LAV-1	LAVATORY (ADA COMPLIANT) KOHLER VERTICYL #K-8189, RECTANGULAR UNDERMOUNT LAVATORY, WHITE	1-1/2"	1-1/2"	1/2"	1/2"	KOHLER LOURE TOUCHLESS FAUCET, MATTE BLK FINISH, #K-103L76-SANL-2MB, AC POWERED WITH KOHLER K13480-A-NA SINGLE POWER SUPPLY, WITH KOHLER K-9033-BL P-TRAP & BRASS CRAFT SCR19-Z LOOSE KEY.
LAV-2	LAVATORY (ADA COMPLIANT) NAMEASK TOERAMA RECTANGULAR WALL MOUNTED LAVATORY, WHITE	1-1/2"	1-1/2"	1/2"	1/2"	KOHLER LOURE TOUCHLESS FAUCET, MATTE BLK FINISH, #K-103L76-SANL-2MB, AC POWERED WITH KOHLER K13480-A-NA SINGLE POWER SUPPLY, WITH KOHLER K-9033-BL P-TRAP & BRASS CRAFT SCR19-Z LOOSE KEY.
WC-1	WATER CLOSET (ADA COMPLIANT) KOHLER K-84325-SS KINGSTON ULTRA WALL MOUNTED FLUSH VALVE TOILET, ELONGATED BOWL, WHITE, WITH MAC FAUCETS TOUCHLESS FLUSHOMETER, BATTERY OPERATED, MATTE BLACK	4"	2"	3/4"	-	MAC FAUCETS ATV-2-1.28 AUTOMATIC FLUSH VALVE, KOHLER K-4731-CA STRONGHOLD ELONGATED, OPEN FRONT, TOILET SEAT, NO LID, WHITE WITH ANTIMICROBIAL AGENT
WC-2	WATER CLOSET KOHLER K-84325-SS KINGSTON ULTRA WALL MOUNTED FLUSH VALVE TOILET, ELONGATED BOWL, WHITE, WITH MAC FAUCETS TOUCHLESS FLUSHOMETER, BATTERY OPERATED, MATTE BLACK	4"	2"	3/4"	-	MAC FAUCETS ATV-2-1.28 AUTOMATIC FLUSH VALVE, KOHLER K-4731-CA STRONGHOLD ELONGATED, OPEN FRONT, TOILET SEAT, NO LID, WHITE WITH ANTIMICROBIAL AGENT
WC-3	WATER CLOSET (ADA COMPLIANT) KOHLER K-PR96057-T4D FLOOR MOUNTED, FLUSH VALVE, ONE PIECE, ELONGATED BOWL, WHITE, WITH MAC FAUCETS TOUCHLESS FLUSHOMETER, BATTERY OPERATED, MATTE BLACK	4"	2"	3/4"	-	MAC FAUCETS ATV-2-1.28 AUTOMATIC FLUSH VALVE, KOHLER K-4731-CA STRONGHOLD ELONGATED, OPEN FRONT, TOILET SEAT WITH NO LID IN WHITE WITH ANTIMICROBIAL AGENT
UR-1	URINAL (ADA COMPLIANT) KOHLER K-5016-ET DEXTER HIGH-EFFICIENCY URINAL WITH MAC FAUCETS TOUCHLESS FLUSHOMETER, BATTERY OPERATED	4"	2"	3/4"	-	MAC FAUCETS AUV-2-1.28 AUTOMATIC FLUSH VALVE, MATTE BLACK FINISH
MSB-1	FIAT MSB-2424 ONE PIECE MOLDED STONE MOP BASIN 830-AA FAUCET W/ VACUUM BREAKER, CHROME FINISH, 832-AA 30" HOSE W/ BRACKET E-77A VINYL BUMPER GUARD 833-AA CARTRIDGE OF SILICONE	2"	1-1/2"	1/2"	1/2"	
FD-1	JR SMITH 2010-A CAST IRON BODY, 5" DIAMETER STRAINER OF HEAVY DUTY CAST IRON	2"	1-1/2"	-	-	WITH MATTE BLACK FINISH
EWC-1	ELECTRIC WATER COOLER ELKAY MODEL LZSWSSP-W1, BARRIER FREE WITH BOTTLE FILLER	1-1/2"	1-1/2"	1/2"	-	MIDNIGHT BLACK FINISH
RD-1	JR SMITH 1010 CAST IRON BODY GENERAL PURPOSE ROOF DRAIN	3"	-	-	-	-
OFD-1	JR SMITH 1070 CAST IRON BODY GENERAL PURPOSE OVERFLOW ROOF DRAIN	3"	-	-	-	-
RD-2	JR SMITH 1010 CAST IRON BODY GENERAL PURPOSE ROOF DRAIN	4"	-	-	-	-
OFD-2	JR SMITH 1070 CAST IRON BODY GENERAL PURPOSE OVERFLOW ROOF DRAIN	4"	-	-	-	-
DS-1	DOWNSPOUT NOZZLE J.R. SMITH 1770	3"	-	-	-	VERIFY DISCHARGE ELEVATION WITH ARCHITECT
DS-2	DOWNSPOUT NOZZLE J.R. SMITH 1770	4"	-	-	-	VERIFY DISCHARGE ELEVATION WITH ARCHITECT
RH-1	NON-FREEZE ROOF HYDRANT J.R. SMITH 5906	-	-	1/2"	-	-
WH-1	NON-FREEZE WALL HYDRANT J.R. SMITH 5500QT, BOX TYPE CONCEALED HOSE CONNECTION	-	-	1/2"	-	VERIFY FINISH WITH ARCHITECT

* OR APPROVED EQUIVALENT.
PROVIDE TRANSFORMERS AS REQUIRED FOR AUTOMATIC FLUSH VALVES/FAUCETS.



WASTE RISER DIAGRAM
SCALE: NONE



WASTE RISER DIAGRAM
SCALE: NONE



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Revisions:

PLUMBING DETAILS,
NOTES, SCHEDULES,
& RISERS

P4

ISSUE DATE: 12.04.2025

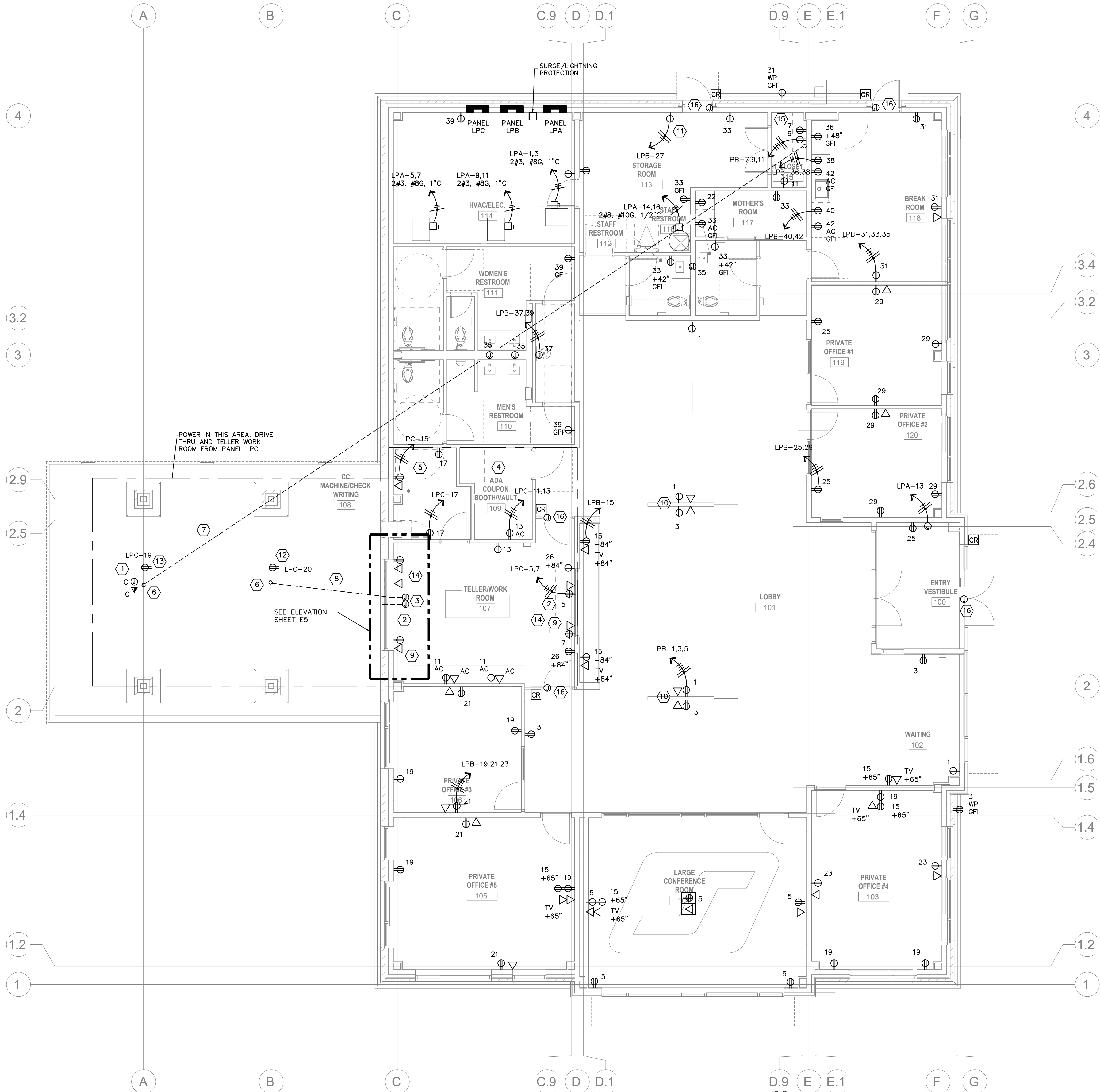
JOB NUMBER: 25-021

ELECTRICAL SYMBOLS

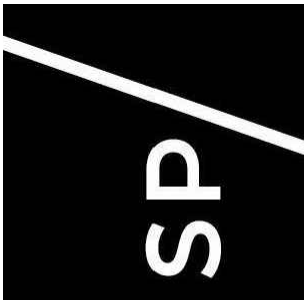
- \$ S.P.S.T. SWITCH
\$ 3 3-WAY SWITCH
\$_{OC} WALL MOUNTED OCCUPANCY SENSOR
\$_D WALL MOUNTED DIMMER
Ⓢ CEILING MOUNTED OCCUPANCY SENSOR
Ⓢ DUPLEX CONVENIENCE OUTLET- MOUNT 18" AFF.
SUBSCRIPT: AC=MOUNTED 2" ABOVE COUNTER/BACKSPLASH
WP=WEATHERPROOF
GFI=GROUND FAULT INTERRUPTER
IG=ISOLATED GROUND
C=CEILING MOUNTED
Ⓢ DUPLEX CONVENIENCE OUTLET- MOUNT 18" AFF.
Ⓢ FLOOR MOUNTED DEVICE
Ⓢ CEILING MOUNTED SPEAKER ROUGH-IN - EMPTY BOX
STUB ABOVE CEILING
● 220V RECEPTACLE
Ⓢ JUNCTION BOX
Δ TEL/DATA ROUGH-IN - JUNCTION BOX WITH CONDUIT STUB
ABOVE CEILING AND CAT6 CABLE
BACK TO IT CLOSET
BLANK = 2 DROPS
NUMBER = QUANTITY OF DROPS
Ⓢ TV ROUGH-IN - JUNCTION BOX WITH CONDUIT STUB
ABOVE CEILING AND COAX CABLE
Ⓢ DISCONNECT SWITCH
Ⓢ MOTOR
--- EXPOSED CONDUIT OR UNDERGROUND PVC
--- CONCEALED CONDUIT
--- GROUND
--- NEUTRAL
--- CONDUCTOR
■ BRANCH PANEL
Ⓢ DUCT DETECTOR
ETR EXISTING TO REMAIN
Ⓢ CARD READER
Ⓢ MOTION SENSOR

ELECTRICAL KEYED NOTES:

- ① INSTALL JUNCTION BOX FOR ALARM FEED TO ATM. COORDINATE INSTALLATION WITH ATM INSTALLER.
② COORDINATE ALL REQUIREMENTS OF TELLER EQUIPMENT WITH TELLER EQUIPMENT INSTALLER. INSTALLATION DRAWINGS SHALL BE PROVIDED BY TELLER EQUIPMENT SUPPLIER. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE INSTALLATION OF ELECTRICAL & CONTROL WIRING REQUIRED BY TELLER EQUIPMENT INSTALLER.
③ FOR MOUNTING LOCATION, SEE DETAIL ON DRAWING E5.
④ COORDINATE ALL CONDUIT REQUIREMENTS FOR VAULT WITH VAULT INSTALLER. CONTRACTOR IS RESPONSIBLE FOR CONDUIT & WIRING REQUIRED FOR A COMPLETE INSTALLATION OF VAULT.
⑤ INSTALL JUNCTION BOX WITH 3/4" C. STUB-UP FOR ALARM FEED TO CASH VAULT. COORDINATE SPECIAL MOUNTING HEIGHT WITH CASH VAULT INSTALLER. CONTRACTOR IS RESPONSIBLE FOR EXTENDING WIRING AND CONDUIT PROVIDED WITH VAULT TO JUNCTION BOX.
⑥ COORDINATE STUB-UP LOCATIONS WITH EQUIPMENT INSTALLER.
⑦ INSTALL (2) 1" C. WITH PULL STRING FROM ATM TO TELEPHONE EQUIPMENT BACKBOARD FOR LOW VOLTAGE/DATA EQUIPMENT. STUB-UP 6" AFF AND CAP BOTH ENDS.
⑧ INSTALL (2) 1" C. WITH PULL STRING TO TELLER WINDOW FOR COMMUNICATIONS WIRING FOR DRIVE-THRU EQUIPMENT.
⑨ PROVIDE METAL CONDUIT AND METAL JUNCTION BOX IN MILLWORK. REFER TO ARCHITECTURAL ELEVATIONS FOR HEIGHT AND LOCATION OF RECEPTACLES AND OUTLETS.
⑩ ROUTE POWER AND DATA TO LOW WALLS IN LOBBY BELOW SLAB. COORDINATE STUB UP LOCATION WITH GENERAL CONTRACTOR IN FIELD PRIOR TO SLAB POUR.
⑪ INSTALL WEATHERPROOF, GFI, OUTLET TO IRRIGATION CONTROLS. COORDINATE EXACT LOCATION WITH IRRIGATION CONTRACTOR.
⑫ INSTALL DUPLEX RECEPTACLE ABOVE CEILING FOR VAT BLOWER MOTORS. INSTALL ONE DUPLEX RECEPTACLE FOR EVERY TWO MOTORS. COORDINATE EXACT LOCATION WITH DRIVE THRU EQUIPMENT DRAWINGS.
⑬ INSTALL GFI DUPLEX RECEPTACLE WITHIN BASE OF ATM MACHINE FOR CONNECTION OF TOPPER LIGHT CORD AND PLUG BY EQUIPMENT SUPPLIER. COORDINATE EXACT LOCATION WITH DRIVE THRU EQUIPMENT DRAWINGS.
⑭ INSTALL SPST PILOT LIGHT SWITCH IN EACH TELLERS STATION SUCH THAT IT CONTROLS THE RECEPTACLES IN THAT STATION. THE SWITCH SHALL ALLOW THE TELLER TO TURN ON/OFF ALL EQUIPMENT AT THE TELLERS STATION WITH THIS SWITCH. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
⑮ PROVIDE GROUNDING BAR AT IT CLOSET. SEE DETAIL ON DRAWING E5.
⑯ PROVIDE POWER FOR ELECTRIC DOOR STRIKE FOR SECURITY SYSTEM.



ELECTRICAL FLOOR PLAN
SCALE: 3/16"=1'-0"



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SULLIVAN BANK

12 HILLTOP VILLAGE CENTER DRIVE
EUREKA, MO 63025



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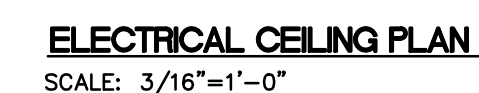
Revisions:

ELECTRICAL FLOOR PLAN,
SYMBOLS, & NOTES

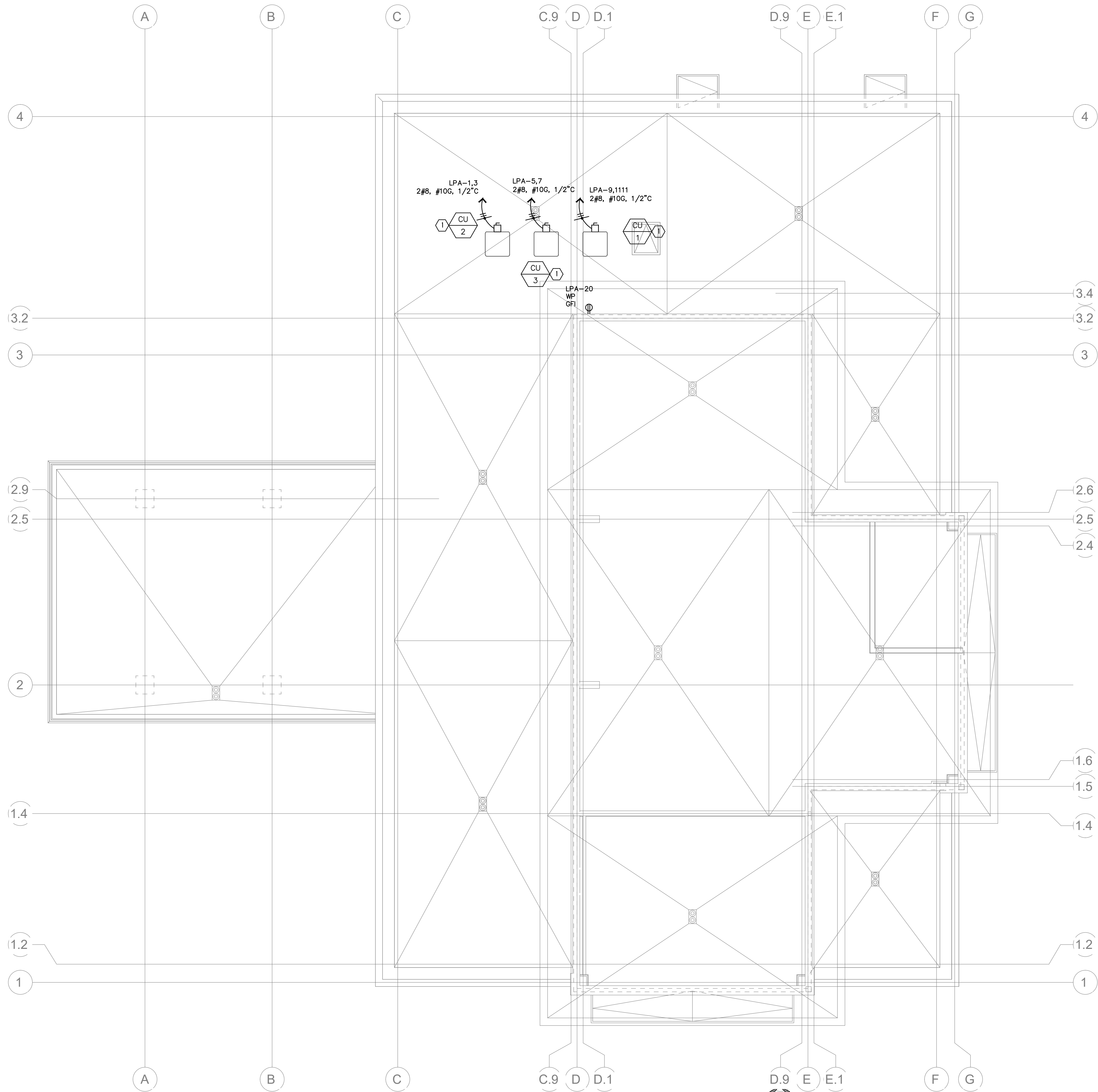
E1

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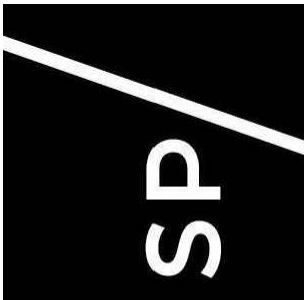
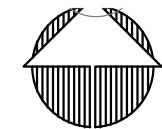
ELECTRICAL GENERAL NOTES:

1. EXACT LOCATIONS OF MECHANICAL EQUIPMENT AND THEIR ELECTRICAL CONNECTIONS SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR.

ELECTRICAL KEYED NOTES:

- ① PROVIDE 50A DISCONNECT SWITCH AND CONNECT TO CIRCUIT NOTED ON DRAWING.

ELECTRICAL ROOF PLAN
SCALE: 3/16"=1'-0"



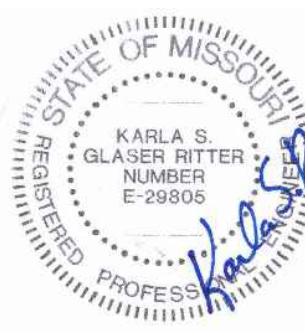
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12 HILLTOP VILLAGE CENTER DRIVE
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Revisions:

ELECTRICAL ROOF PLAN

E3

ISSUE DATE: 12.04.2025

JOB NUMBER: 25-021

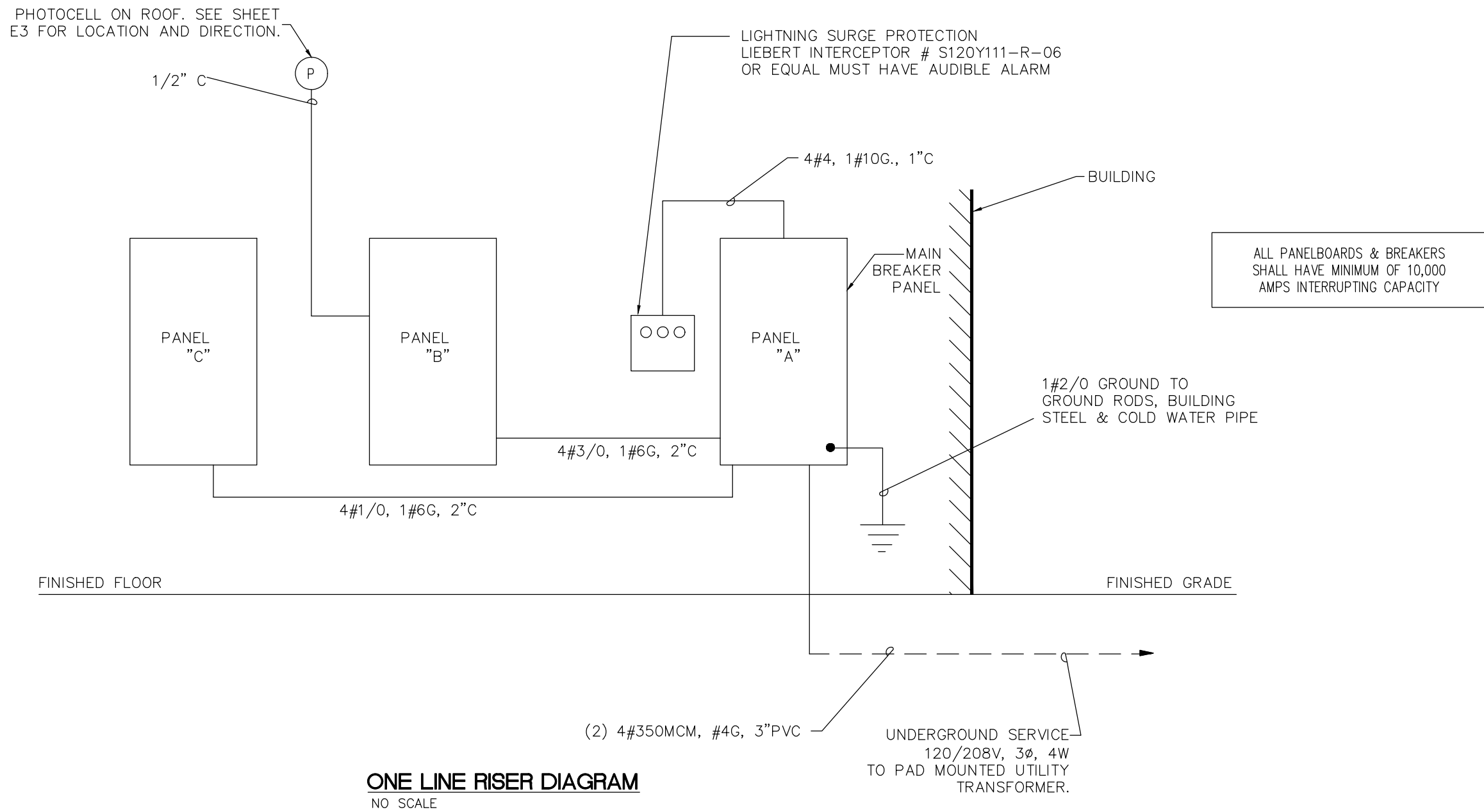
ELECTRICAL PANEL SCHEDULE										PANEL LPA 120/208V, 3ø, 600 AMP	
NO. OF RECEPT.	DESCRIPTION OF LIGHTING	EQUIPMENT DESCRIPTION	TRIP AMPS	TOTAL WATTS	A B C	TOTAL WATTS	TRIP AMPS	EQUIPMENT DESCRIPTION	DESCRIPTION OF LIGHTING	NO. OF RECEPT.	
---	---	AHU-1	100/2	9360	1	2	3328	50/2	CU-1	---	---
---	---	AHU-2	100/2	9360	3	4	3328	50/2	CU-2	---	---
---	---	AHU-3	100/2	9360	5	6	3328	50/2	CU-3	---	---
---	---	UHIT HEATER	20/1	1500	7	8	3328	25/2	WATER HEATER	---	---
---	---	SPACE	---	---	9	10	3224	20/1	SPARE	---	---
---	---	SPACE	---	---	11	12	3224	20/1	ROOFTOP RECEPT.	---	1
---	---	SPACE	---	---	13	14	1500	---	SPACE	---	---
---	---	SPACE	---	---	15	16	1500	---	SPACE	---	---
---	---	SPACE	---	---	17	18	---	---	SPACE	---	---
---	---	SPACE	---	---	19	20	180	---	SPACE	---	---
---	---	SPACE	---	---	21	22	---	---	SPACE	---	---
---	---	SPACE	---	---	23	24	---	---	SPACE	---	---
---	---	SPACE	---	---	25	26	11,665	150/3	PANEL LPB	---	---
---	---	SPACE	---	---	27	28	10,501	100/3	PANEL LBC	---	---
---	---	SPACE	---	---	29	30	10,793	---	SPACE	---	---
---	---	SPACE	---	---	31	32	5,360	---	SPACE	---	---
---	---	SPACE	---	---	33	34	6,000	---	SPACE	---	---
---	---	SPACE	---	---	35	36	5,000	---	SPACE	---	---
---	---	SPACE	---	---	37	38	---	---	SPACE	---	---
---	---	SPACE	---	---	39	40	---	---	SPACE	---	---
---	---	SPACE	---	---	41	42	---	---	SPACE	---	---
● INDICATES THIS CIRCUIT TO RECEIVE HANDLE LOCK-ON CLIP.				TOTAL WATTS	A	45,581	PANEL LPA	3	PHASE	4	WIRE
BOLT-ON TYPE BREAKERS				TOTAL CONNECTED LOAD	B	43,373	120/208 VOLTS	361.4	AMPS	600A	MCB
					C	41,165					
						130,119					

ELECTRICAL PANEL SCHEDULE										PANEL LPC 120/208V, 3ø, 125 AMP	
NO. OF RECEPT.	DESCRIPTION OF LIGHTING	EQUIPMENT DESCRIPTION	TRIP AMPS	TOTAL WATTS	A B C	TOTAL WATTS	TRIP AMPS	EQUIPMENT DESCRIPTION	DESCRIPTION OF LIGHTING	NO. OF RECEPT.	
---	---	DRIVE-UP ATM	30/1	2000	1	2	1000	20/1	AUDIO SWITCH BOX	---	---
---	---	CUST. UNIT-ISLD	20/1	1500	3	4	1000	20/1	VIDEO MATRIX SWT	---	---
---	---	SPARE	20/1	---	5	6	1000	20/1	VAT CONTROL BOX	---	---
---	---	SPARE	20/1	---	7	8	1000	20/1	VAT CONTROL BOX	---	---
---	---	CUST. UNIT-BLDG	20/1	1500	9	10	1000	20/1	VAT CONTROL BOX	---	---
---	---	SPARE	20/1	---	11	12	2000	25/1	DEAL DRAWER	---	---
---	---	SPACE	---	---	13	14	---	20/1	SPARE	---	---
---	---	SPACE	---	---	15	16	---	20/1	SPARE	---	---
---	---	SPACE	---	---	17	18	1000	20/1	PT-PT TERMINAL	---	---
---	---	ATM TOPPER LIGHT	20/1	360	19	20	1000	20/1	BANK CPU	---	---
---	---	SPACE	---	---	21	22	1000	20/1	BANK CPU	---	---
---	---	SPACE	---	---	23	24	1000	20/1	CTR TELLER EQP	---	---
---	---	SPACE	---	---	25	26	1000	20/1	VIDEO AB. TELLER	---	---
---	---	SPACE	---	---	27	28	1000	20/1	VIDEO AB. DR THRU	---	---
---	---	SPACE	---	---	29	30	---	---	SPACE	---	---
---	---	SPACE	---	---	31	32	---	---	SPACE	---	---
---	---	SPACE	---	---	33	34	---	---	SPACE	---	---
---	---	SPACE	---	---	35	36	---	---	SPACE	---	---
---	---	SPACE	---	---	37	38	---	---	SPACE	---	---
---	---	SPACE	---	---	39	40	---	---	SPACE	---	---
---	---	SPACE	---	---	41	42	---	---	SPACE	---	---
● INDICATES THIS CIRCUIT TO RECEIVE HANDLE LOCK-ON CLIP.				TOTAL WATTS	A	6,360	PANEL LPC	3	PHASE	4	WIRE
BOLT-ON TYPE BREAKERS				TOTAL CONNECTED LOAD	B	7,000	120/208 VOLTS	51.0	AMPS		MLO
					C	5,000					
						18,360					

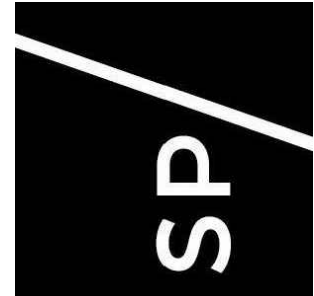
LIGHTING FIXTURE SCHEDULE								
TYPE	FIXTURE SPECIFICATION			LAMP SPECIFICATION			APPROVED EQUAL	REMARKS
	MANUFACTURER	CATALOG NUMBER	VOLTS	MOUNTING	QTY.	LAMP WATTS		
A	FOCAL POINT	FLC6D	120	RECESS	1	30	SELECTED BY ARCH	6" DOWNLIGHT
B	FOCAL POINT	FLC3D	120	RECESS	1	17	SELECTED BY ARCH	3.5" DOWNLIGHT
C	FOCAL POINT	FLC6W	120	RECESS	1	32	SELECTED BY ARCH	6" WALL WASH
D	FOCAL POINT	FLC3W	120	RECESS	1	19	SELECTED BY ARCH	3.5" WALL WASH
F	FOCAL POINT	FLCY3N RD 7H	120	PEND	1	30	SELECTED BY ARCH	3.5" CYLINDER
G	DESIGNERS FOUNTAIN	D332M-10P-MB	120	PEND	1	60	SELECTED BY ARCH	PENDANT
H	HALO	HC415D010-HM40525935-41WDH	120	RECESS	1	15	SELECTED BY ARCH	4" DOWNLIGHT, WET RATED
J	FOCAL POINT	FEQ2 24	120	RECESS	1	45	SELECTED BY ARCH	RECESSED 2x4
K	LUMINII	BA42	120	SURF	1	4 W/LF	SELECTED BY ARCH	LED TAPE LIGHT
XE	LITHONIA	ECC	120	SURF		-- WITH UNIT --	OR APPROVED EQUIVALENT	EXIT/EMERGENCY
EM	LITHONIA	ELM2L	120	SURF		-- WITH UNIT --	OR APPROVED EQUIVALENT	EMERGENCY

VERIFY VOLTAGE IN FIELD.
VERIFY ALL FIXTURES AND FINISHES WITH ARCHITECT AND OWNER.
ALL LAMPS TO BE SAME COLOR TEMP, 3500K. VERIFY COLOR TEMP WITH ARCHITECT.
SEE PLAN FOR SINGLE FACE OR DOUBLE FACE, MOUNTING, AND DIRECTIONAL ARROWS AT EXIT LIGHTS.
TYPE H FIXTURES AT EXTERIORS DOORS TO HAVE 14 WATT EMERGENCY BATTERY PACK WITH REMOTE TEST.

ELECTRICAL PANEL SCHEDULE										PANEL LPB 120/208V, 3ø, 200 AMP	
NO. OF RECEPT.	DESCRIPTION OF LIGHTING	EQUIPMENT DESCRIPTION	TRIP AMPS	TOTAL WATTS	A B C	TOTAL WATTS	TRIP AMPS	EQUIPMENT DESCRIPTION	DESCRIPTION OF LIGHTING	NO. OF RECEPT.	
4	---	LOBBY RECEPT.	20/1	720	1	2	1385	20/1	INTERIOR LIGHTING	---	---
5	---	LOBBY RECEPT.	20/1	900	3	4	801	20/1	INTERIOR LIGHTING	---	---
6	---	CONF. RECEPT.	20/1	1080	5	6	1480	20/1	INTERIOR LIGHTING	---	---
1	---	IT CLOSET	20/1	180	7	8	950	20/1	EXTERIOR LIGHTING	---	---
1	---	IT CLOSET	20/1	180	9	10	1000	30/1	ROLLER SHADES	---	---
1	---	IT CLOSET	20/1	180	11	12	500	20/1	CONF. ROOM LIGHT	---	---
---	---	SECURITY	20/1	1000	13	14	1500	20/1	MONUMENT SIGN	---	---
6	---	MONITORS	20/1	600	15	16	1000	20/1	LANDSCAPE LIGHTS	---	---
---	---	TELEPHONE EQ.	20/1	1000	17	18	873	20/1	SITE LIGHTS	---	---
7	---	OFFICE RECEPT.	20/1	1260	19	20	1000	20/1	EXT. SCONCES	---	---
4	---	OFFICE RECEPT.	20/1	720	21	22	1000	20/1	UC REFRIGERATOR	---	1
2	---	OFFICE RECEPT.	20/1	360	23	24	---	20/1	SPARE	---	---
5	---	OFFICE RECEPT.	20/1	900	25	26	---	20/1	SPARE	---	---
1	---	IRRIGATION SYSTEM	20/1	500	27	28	---	20/1	SPARE	---	---
4	---	OFFICE RECEPT.	20/1	720	29	30	1500	20/1	EXT. SIGNAGE	---	---
4	---	BREAK RECEPT.	20/1	720	31	32	350	20/1	SIGN TRANSFORMER	---	---
6	---	GEN. RECEPT.	20/1	1080	33	34	1500	20/1	EXT. SIGNAGE	---	---
---	---	PLBG FIXTURES	20/1	600	35	36	1000	20/1	REFRIGERATOR	---	1
---	---	WATER COOLER	20/1	500	37	38	1200	20/1	MICROWAVE	---	1
4	---	RECEPTACLES	20/1	720	39	40	500	20/1	DISHWASHER	---	1
---	---	SPARE	20/1	---	41	42	1500	20/1	BREAK RECEPT.	---	1
● INDICATES THIS CIRCUIT TO RECEIVE HANDLE LOCK-ON CLIP.				TOTAL WATTS	A	11,665	PANEL LPB	3	PHASE	4	WIRE
BOLT-ON TYPE BREAKERS				TOTAL CONNECTED LOAD	B	10,501	120/208 VOLTS	91.6	AMPS	200A	MCB
					C	10,793					
						32,959					



ELECTRICAL SYSTEM COMPONENTS EARTHQUAKE LOAD RESISTANCE								Seismic Design Category (D)	
LISTING OF EQUIPMENT AND SYSTEM COMPONENTS	ANCHORAGE TO FLOORS, ROOFS, ETC. (SEE NOTE 1 BELOW)		SWAY BRACING (SEE NOTE 1 BELOW)		LOCATION OF PROFESSIONAL SEALED ANCHORAGE AND SWAY BRACING DETAILS			COMMENTS	
					ON CONST. DOCUMENTS	SUBSEQUENT SUBMITTAL (SEE NOTE 2 BELOW)			
	NOT PROVIDED FOR PROJECT	PROVIDED FOR PROJECT	NOT PROVIDED FOR PROJECT	PROVIDED FOR PROJECT	DRAWING NO. OR SPEC. SECTION	SHOP DRAWINGS	SEPARATE PERMIT & PLANS		
FIRE PROTECTION, DETECTION & ALARM EQUIPMENT & SYSTEM COMPONENTS; * See Chapter 4, Table 4.1	X		X						
EMERGENCY OR STANDBY EQUIP. AND SYSTEM COMPONENTS; * See Chapter 4, Table 4.1	X		X						
OTHER EQUIPMENT & SYSTEM COMPONENTS NEEDED FOR CONTINUED OPERATION OF OCCUPANCY CATEGORY IV FACILITIES OR WHOSE FAILURE COULD IMPAIR THEIR CONTINUED OPERATION * See Chapter 4, Table 4.1	X		X						
OTHER GENERAL EQUIPMENT & SYSTEM COMPONENTS LIGHTING FIXTURES CONDUIT EXISTING PANELS	X X	X	X X X		E5			ALL SUSPENDED CONDUIT LESS THAN 3" EXEMPT PER TABLE 600 PART 4	
NOTE: 1. It is the basic intent of this Code Block to declare whether or not anchorage and sway bracing is being provided on the project. If so, to declare whether or not the details are shown on the plans or will be shown on a subsequent submission. If seismic restraint of a component is not required by code this should be stated in comments. If seismic restraint, which is not required by code, is being provided due to owner/designer requirements this should also be stated in the comments. 2. Shop drawings need to be submitted to the County a minimum of two weeks prior to the planned installation to allow for plan review and distribution to the inspector. Additional time may be needed if such submissions are deficient.									



ARCHITECTURES SP

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St. Louis, MO 63119
phone: 314.961.9500



SULLIVAN BANK

12 HILLTOP VILLAGE CENTER DRIVE
EUREKA, MO 63025



12/04/2025

The seal(s) and signature(s) apply only to the document to which they are affixed and we expressly disclaim any responsibility for all other plans, specifications, estimates, reports, or other documents or instruments relating to or intended to be used for any part or parts of the project.

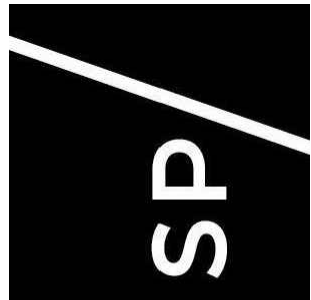
Revisions:

ELECTRICAL SCHEDULES,
RISER, & NOTES

E4

ISSUE DATE: 12.04.2025

JOB NUMBER: 25-021



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12/04/2025

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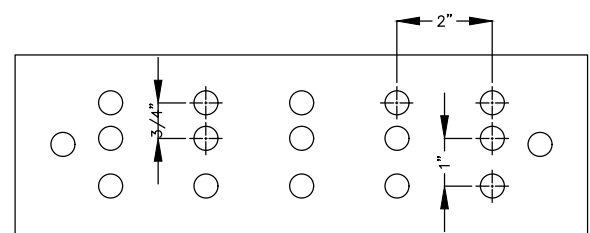
Revisions:

ELECTRICAL DETAILS

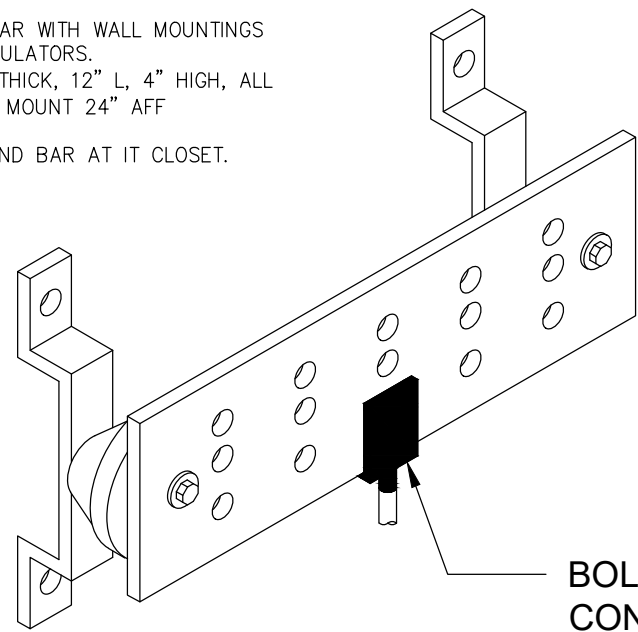
E5

ISSUE DATE: 12.04.2025

JOB NUMBER: 25-021

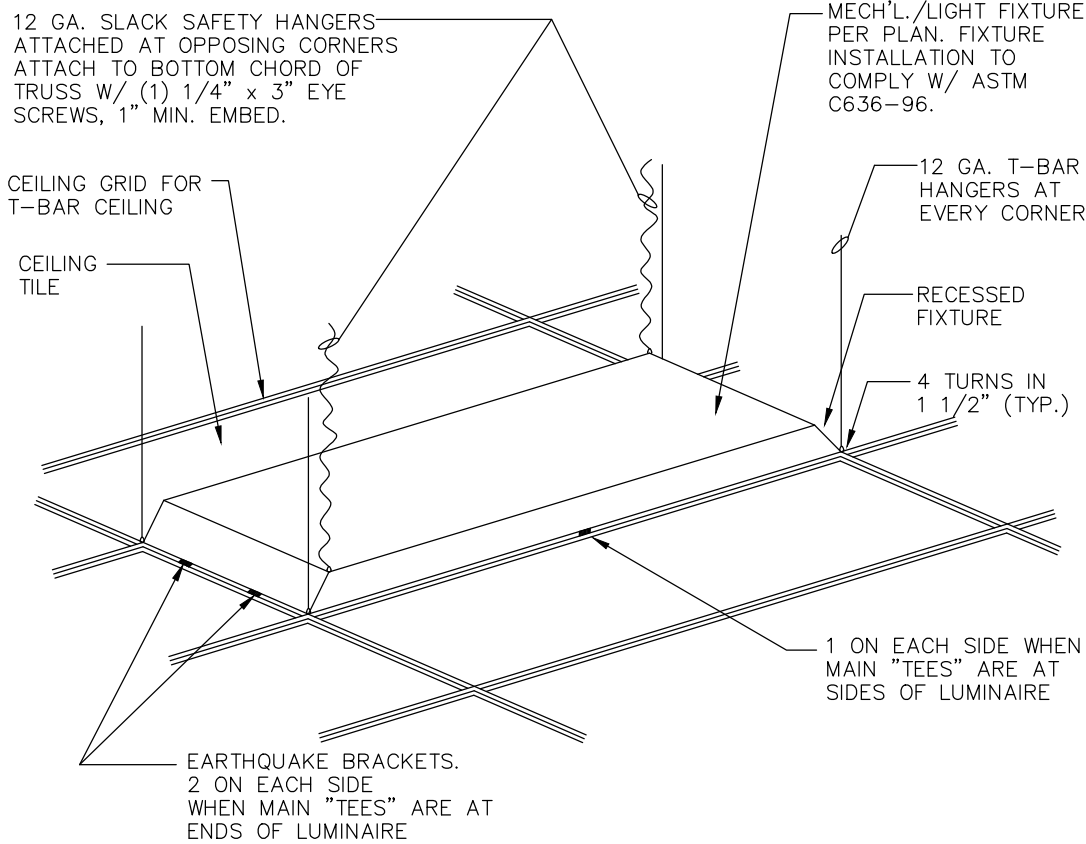


COPPER GROUND BAR WITH WALL MOUNTINGS
BRACKETS AND INSULATORS.
DIMENSIONS: 1/4" THICK, 12" L, 4" HIGH, ALL
HOLES 7/16" ODN, MOUNT 24" AFF
TYPICAL FOR GROUND BAR AT IT CLOSEST.

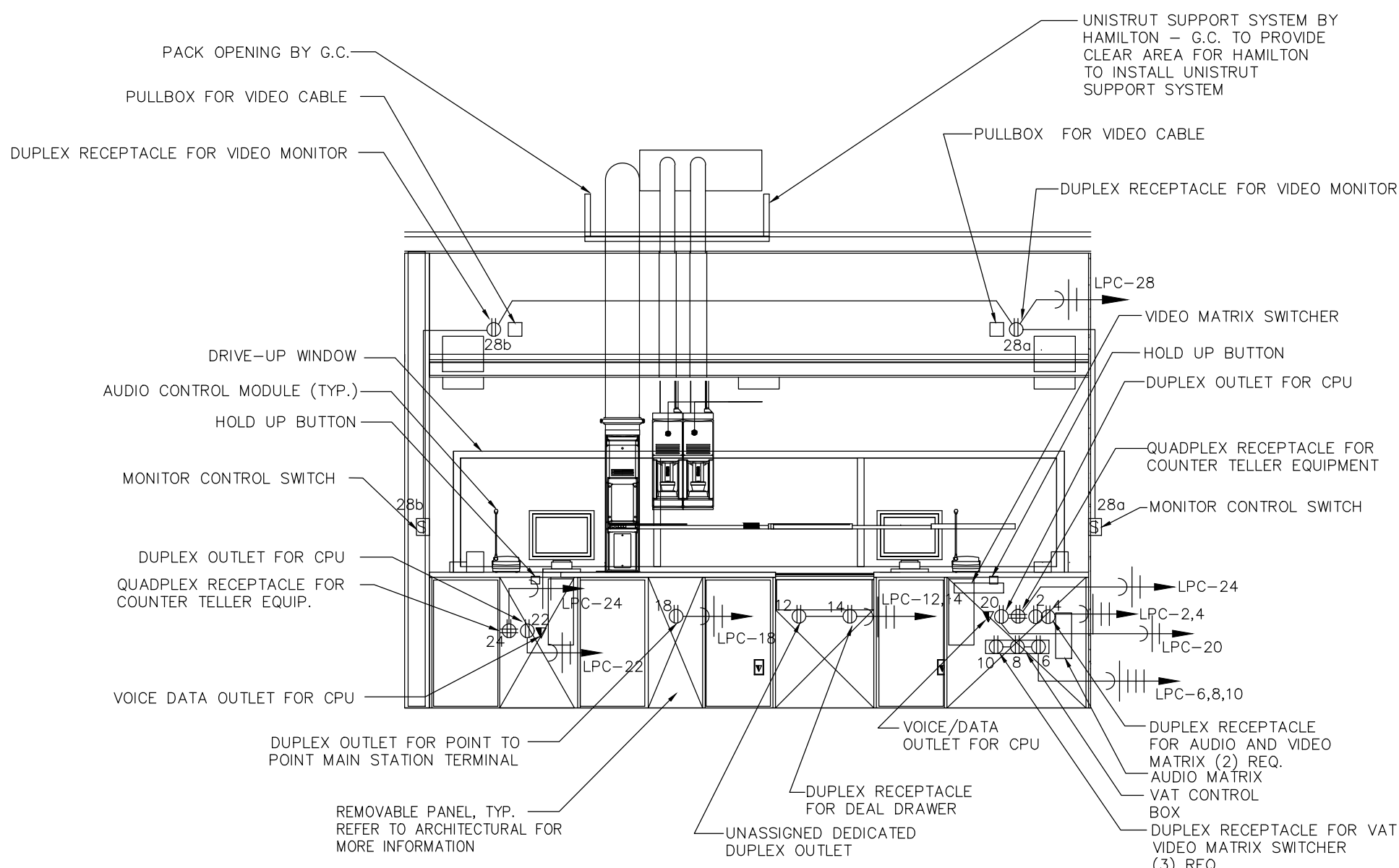


BOLTED
CONNECTION

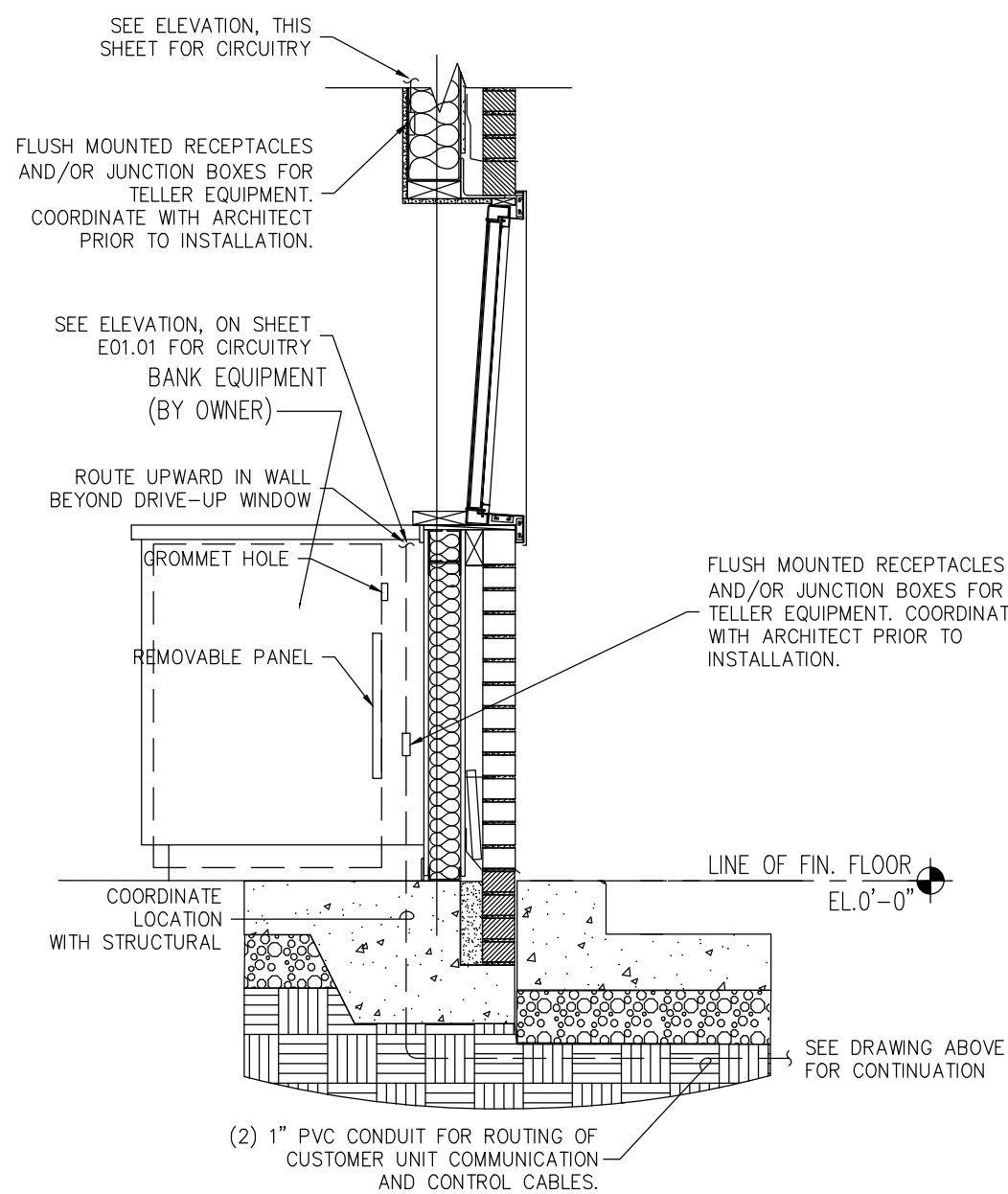
GROUND BAR DETAIL
NO SCALE



SEISMIC BRACING FOR LIGHT FIXTURES
NO SCALE



ELEVATION • DRIVE-THRU TELLER
NO SCALE

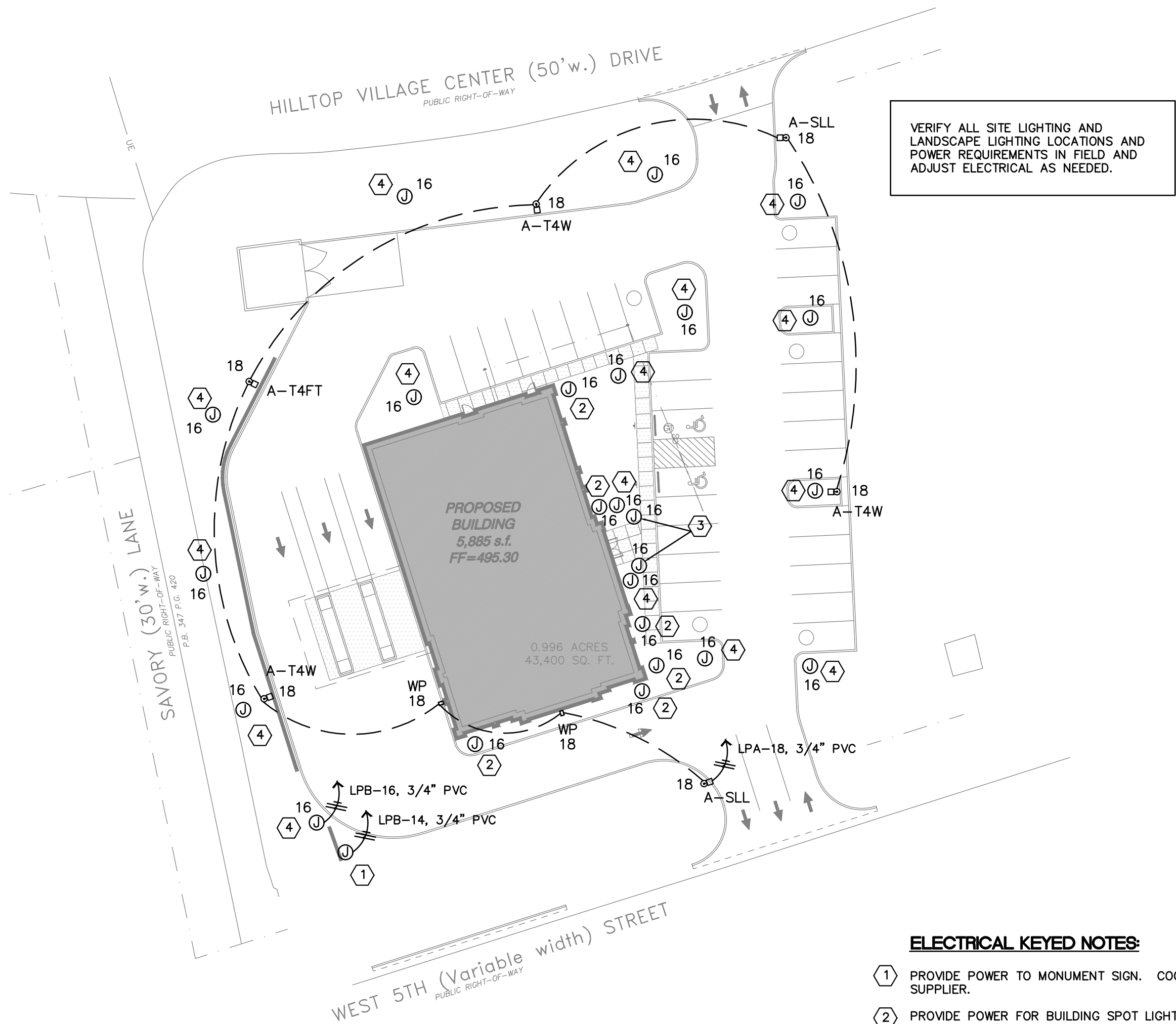
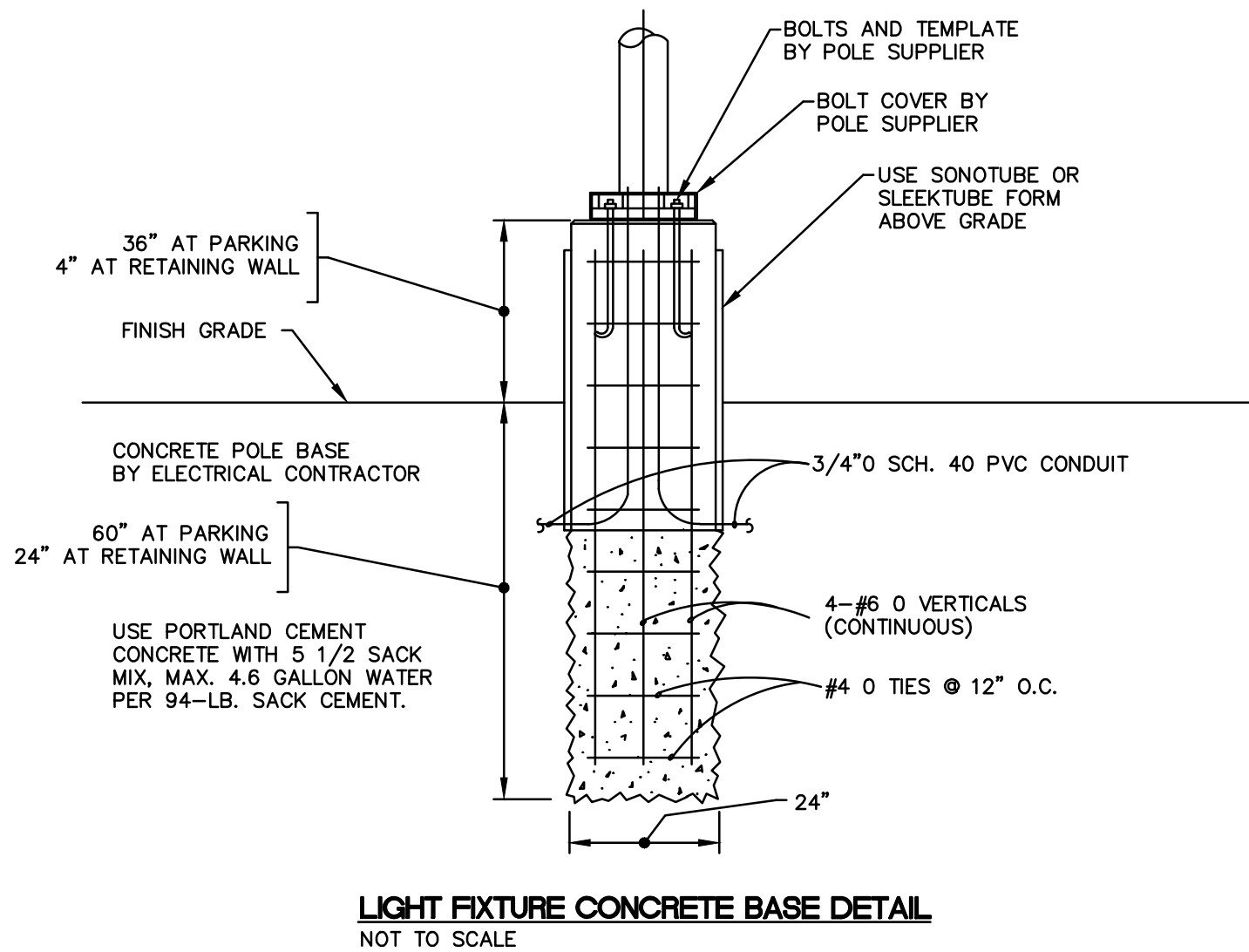
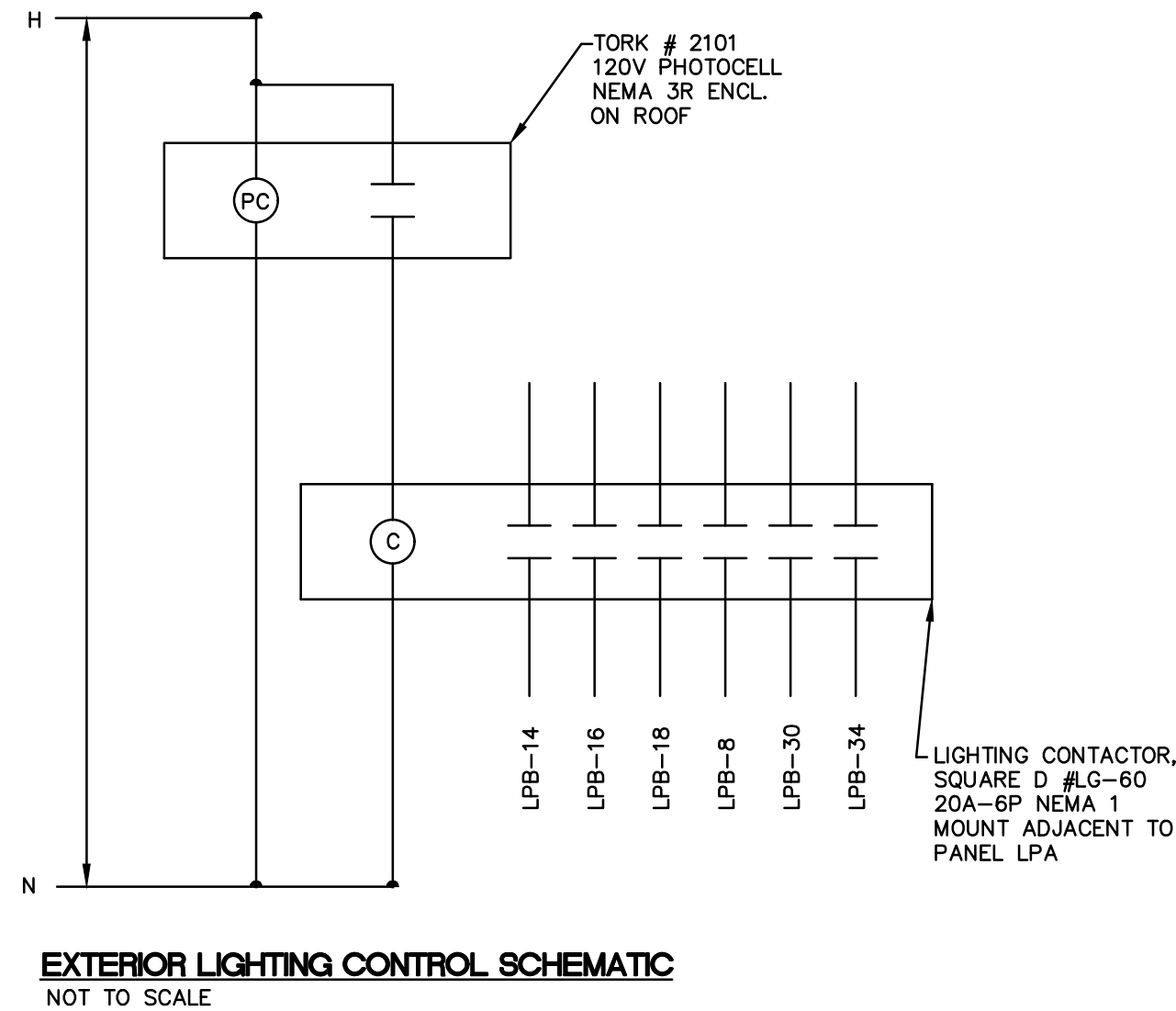


TELLER WINDOW SECTION
NO SCALE

EXTERIOR LIGHTING FIXTURE SCHEDULE									
TYPE	MANUFACTURER	FIXTURE SPECIFICATION	VOLTS	MOUNTING	QTY.	LAMP WATTS	LAMP TYPE	APPROVED	REMARKS
WP	MCGRAW	CWS-SA1C-740-U	120	WALL	1	35	LED	EQUAL	
	-EDISON	-T4WR-W						SELECTED BY OWNER	2
A-SLL	MCGRAW	GALN-SA2C-840-U	120	POLE	1	108	LED	SELECTED BY OWNER	1
	-EDISON	-SLL-HSS						SELECTED BY OWNER	
A-T4FT	MCGRAW	GALN-SA4C-840-U	120	POLE	1	213	LED	SELECTED BY OWNER	1
	-EDISON	-T4W-HSS						SELECTED BY OWNER	
A-T4W	MCGRAW	GALN-SA3C-840-U	120	POLE	1	160	LED	SELECTED BY OWNER	1
	-EDISON	-T4W-HSS						SELECTED BY OWNER	

- POLE HEIGHT TO BE 20' HIGH. COORDINATE COLOR WITH ARCHITECT AND OWNER.
- WALL MOUNTED FIXTURES TO BE AT 12' HIGH. COORDINATE COLOR WITH ARCHITECT AND OWNER.

VERIFY ALL FEEDER SIZING WITH ACTUAL INSTALLED LAYOUT, AND
REWISE AS NECESSARY FOR VOLTAGE DROP.



ELECTRICAL KEYED NOTES:

- PROVIDE POWER TO MONUMENT SIGN. COORDINATE POWER REQUIREMENTS WITH SIGN SUPPLIER.
- PROVIDE POWER FOR BUILDING SPOT LIGHT. LIGHT PROVIDED WITH LANDSCAPING.
- PROVIDE POWER FOR PATH LIGHT. LIGHT PROVIDED WITH LANDSCAPING.
- PROVIDE POWER FOR TREE SPOT LIGHT. LIGHT PROVIDED WITH LANDSCAPING.

ELECTRICAL SITE LIGHTING PLAN

SCALE: NONE

