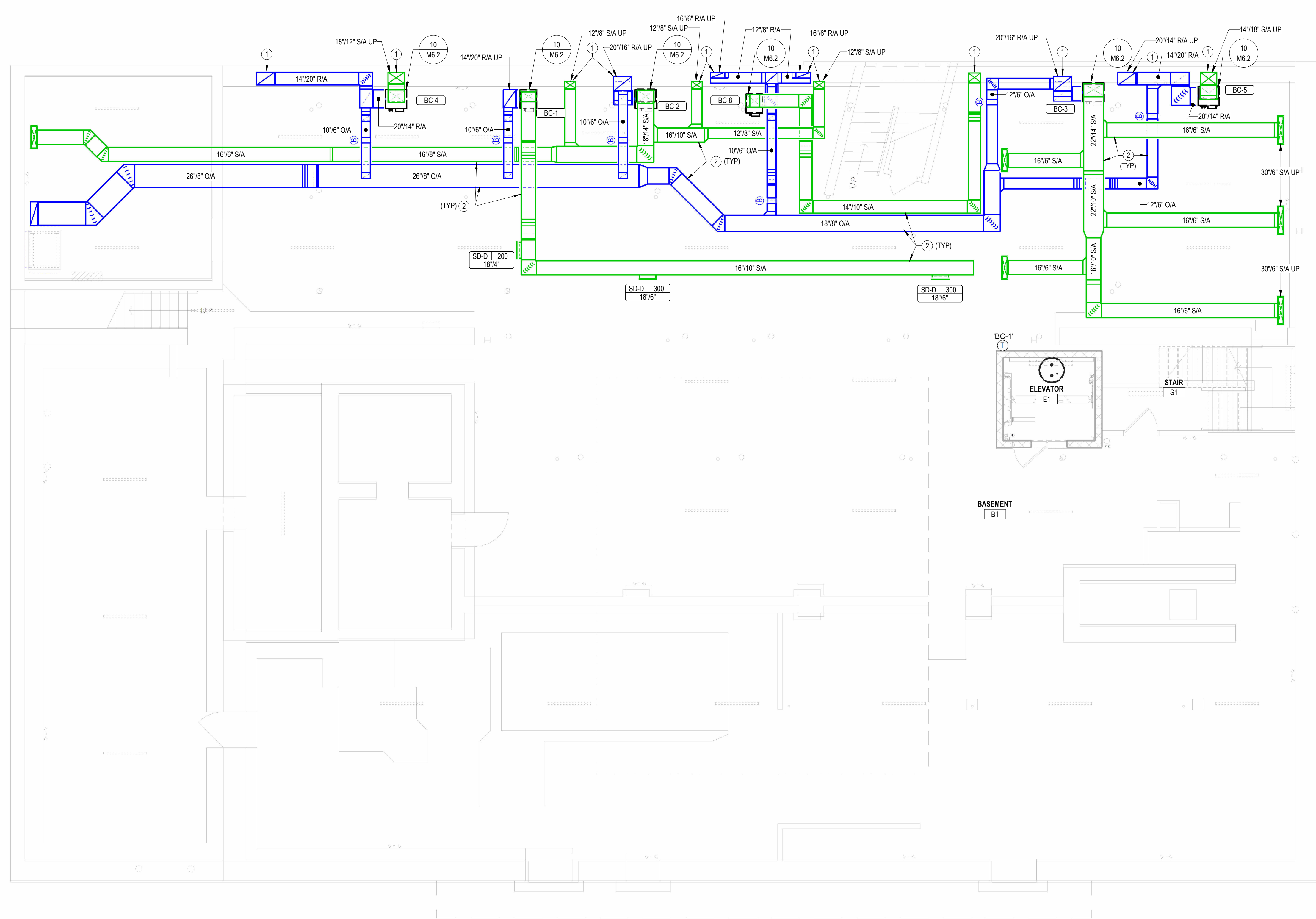


NOTES BY SYMBOL

- ROUTE DUCTWORK UP IN CHASE TO FLOOR ABOVE. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, OTHER TRADES, AND G.C.
- ROUTE DUCTWORK THROUGH BASEMENT AS HIGH AS POSSIBLE TO MAXIMIZE HEADROOM. ROUTE DUCTWORK BETWEEN AND THROUGH TRUSSES WHERE POSSIBLE.

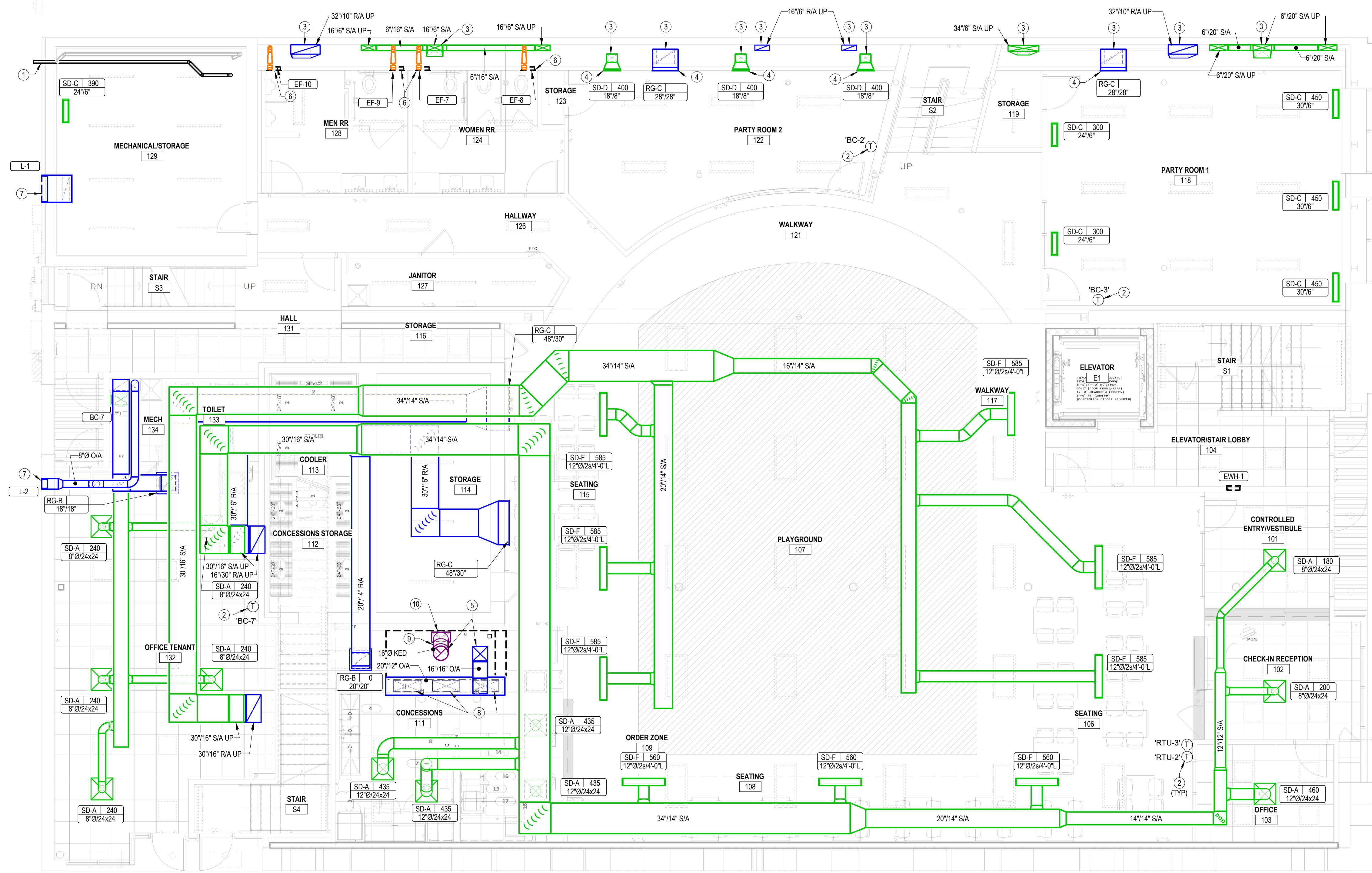


1 BASEMENT HVAC PLAN
 M1.1 3/16" = 1'-0"

101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

REVISIONS:	
DATE:	3/20/2025
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- NOTES BY SYMBOL**
- 1 ROUTE PVC INTAKE AND VENT PIPING FROM WATER HEATER TO CONCENTRIC VENT WALL CAP.
 - 2 COORDINATE FINAL LOCATION OF ALL THERMOSTATS WITH OWNER PRIOR TO ROUGH-IN.
 - 3 ROUTE DUCTWORK DOWN IN CHASE TO BASEMENT. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, OTHER TRADES, AND G.C.
 - 4 MOUNT GRILLE HIGH ON WALL. COORDINATE EXACT ELEVATION WITH ARCHITECT PRIOR TO INSTALLATION.
 - 5 ROUTE KITCHEN HOOD EXHAUST DUCT AND MAKE-UP AIR DUCT UP THROUGH CHASE TO EQUIPMENT ON ROOF.
 - 6 MOUNT CABINET FANS IN WALL AS HIGH AS POSSIBLE AND ROUTE EXHAUST DUCTWORK UP IN CHASE TO ABOVE CEILING AT MEZZANINE. SEE MEZZANINE PLAN FOR CONTINUATION.
 - 7 MAINTAIN 10'-0" MIN. FROM EXHAUST TERMINATIONS TO O.A. INTAKES.
 - 8 CONNECT TO 30"x12" CONNECTIONS AT SUPPLY PLENUM. SEE SHEET M5.1 AND 5.2 FOR KITCHEN HOOD INFO.
 - 9 KITCHEN EXHAUST DUCT SHALL BE PRE-FABRICATED DOUBLE WALL INSULATED GREASE EXHAUST DUCT RATED FOR 0" CLEARANCE TO COMBUSTIBLES, METAL FAB OR EQUAL. PROVIDE WITH CLEANOUTS WITH ACCESS PANELS AS REQUIRED AT EACH FLOOR AND AT CHANGES IN DIRECTION. COORDINATE ACCESS PANEL LOCATIONS AND REQUIREMENTS WITH G.C. AND ARCH.
 - 10 UTILIZE PRE-FAB GREASE DUCT TRANSITION WITH 0" CLEARANCE TO COMBUSTIBLES AND CONNECT TO EXHAUST HOOD.



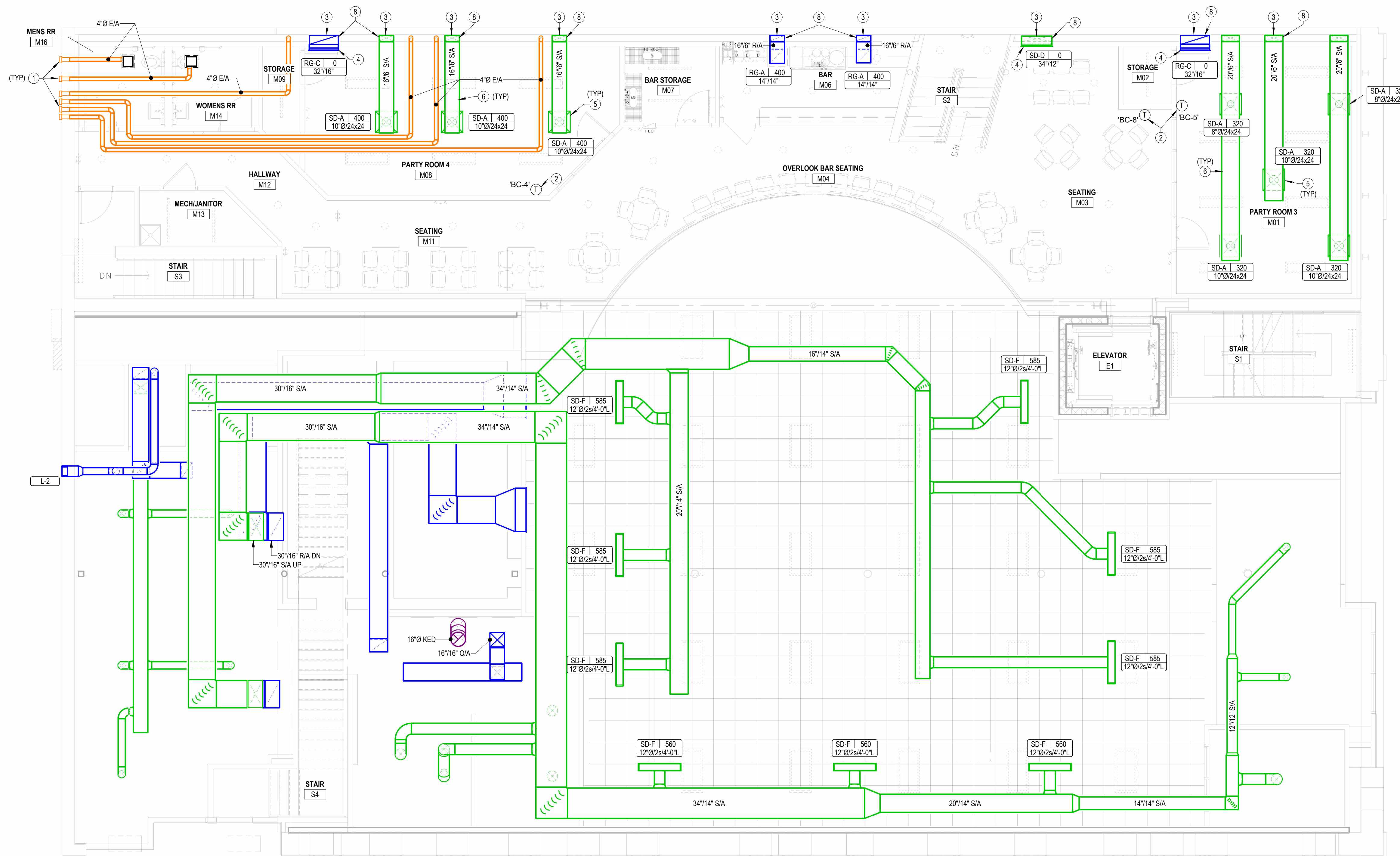
101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

1 FIRST FLOOR HVAC PLAN
 M1.2 3/16" = 1'-0"

REVISIONS:

DATE: 3/20/2025
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- NOTES BY SYMBOL**
- 1 ROUTE EXHAUST DUCT TO WALL CAP. MAINTAIN 10'-0" MIN. FROM EXHAUST TERMINATION TO O.A. INTAKES.
 - 2 COORDINATE FINAL LOCATION OF ALL THERMOSTATS WITH OWNER PRIOR TO ROUGH-IN.
 - 3 ROUTE DUCTWORK DOWN IN CHASE TO BASEMENT. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS, OTHER TRADES, AND G.C.
 - 4 MOUNT GRILLE HIGH ON WALL. COORDINATE EXACT ELEVATION WITH ARCHITECT PRIOR TO INSTALLATION.
 - 5 PROVIDE ALL CEILING AIR DEVICES IN RATED CEILING MEMBRANES WITH CEILING RADIATION DAMPERS AND FIRE RATED BLANKETS, AS REQUIRED.
 - 6 ROUTE DUCTWORK BETWEEN AND THROUGH TRUSSES WHERE POSSIBLE. COORDINATE ROUTING WITH OTHER TRADES AND EXISTING CONDITIONS.
 - 8 PROVIDE ALL DUCT PENETRATIONS IN RATED CEILING MEMBRANES WITH CEILING RADIATION DAMPERS, AS REQUIRED.

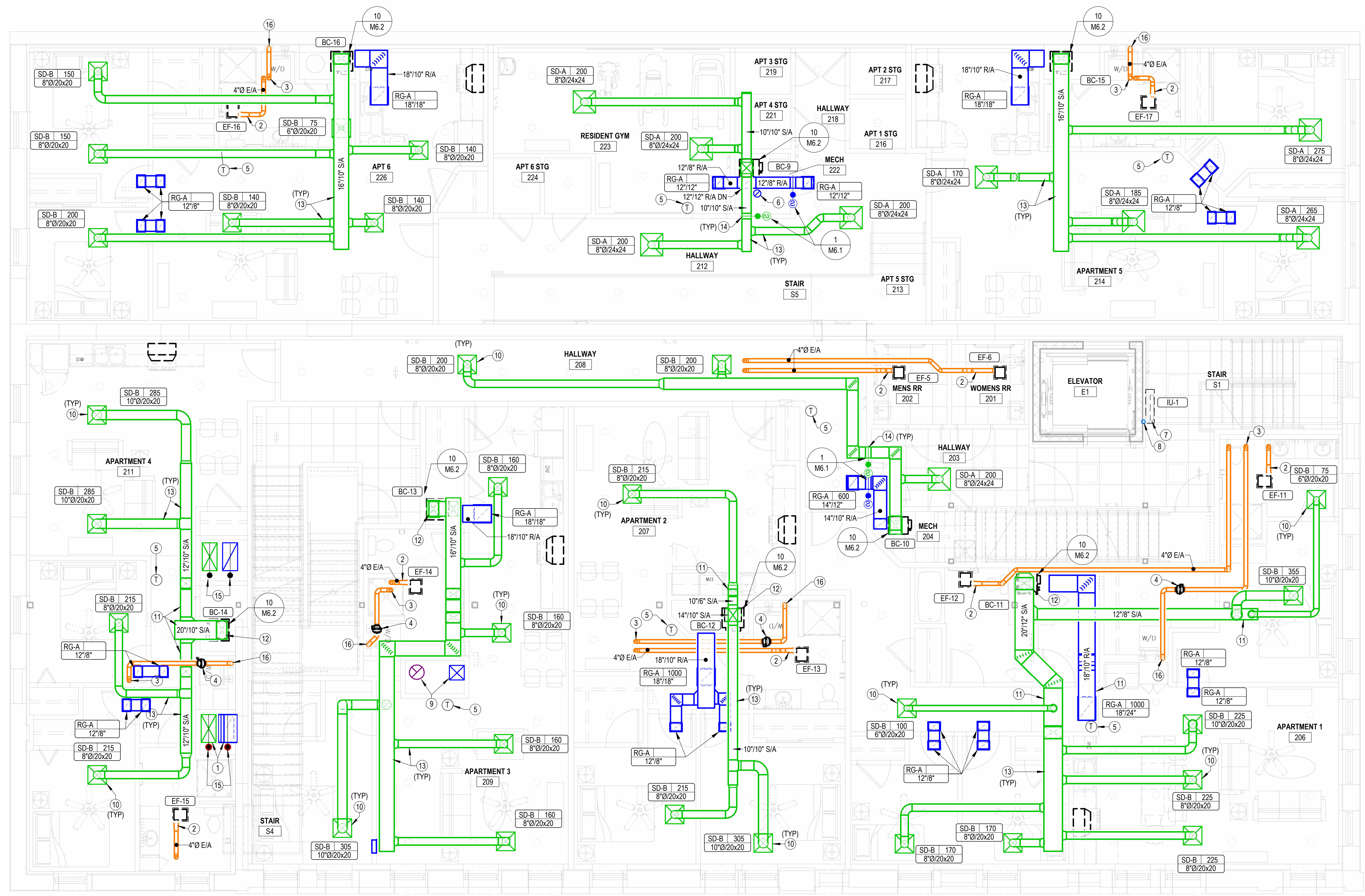


1 MEZZANINE HVAC PAN
 M1.3 3/16" = 1'-0"

REVISIONS:	
DATE:	3/20/2025
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- NOTES BY SYMBOL**
- ROUTE SUPPLY AND RETURN DUCT UP AND TRANSITION TO CONNECTIONS AT EQUIPMENT ON ROOF.
 - ROUTE EXHAUST DUCT FROM EXHAUST FAN TO ROOF TERMINATION. SEE HVAC ROOF PLAN FOR CONTINUATION.
 - ROUTE 4" DRYER EXHAUST DUCT TO ROOF TERMINATION. SEE HVAC ROOF PLAN FOR CONTINUATION.
 - PROVIDE DRYER BOOSTER EXHAUST FAN EQUAL TO FANTECH DBF 110 WITH PRESSURE SENSING SWITCH. PROVIDE FIRE RATED ACCESS PANEL IN CEILING FOR ACCESS TO FAN. COORDINATE REQUIREMENTS WITH ARCH AND G.C.
 - COORDINATE FINAL LOCATION OF ALL THERMOSTATS WITH OWNER PRIOR TO ROUGH-IN.
 - ROUTE O.A. INTAKE UP TO GRAVITY INTAKE HOOD ON ROOF. SEE ROOF PLAN FOR CONTINUATION.
 - PROVIDE CONDENSATE LIFT FOR INDOOR UNIT CONCEALED IN UNIT BODY AND ROUTE CONDENSATE UP IN WALL TO INDIRECT CONNECTION AT FLOOR DRAIN IN MECHANICAL ROOM ABOVE.
 - ROUTE REFRIGERANT PIPING FROM INDOOR UNIT CONCEALED IN WALL UP THROUGH MECHANICAL ROOM ABOVE TO OUTDOOR UNIT. SEE ROOF PLAN FOR CONTINUATION.
 - ROUTE KITCHEN HOOD EXHAUST DUCT AND MAKE-UP AIR DUCT UP THROUGH CHASE TO EQUIPMENT ON ROOF.
 - PROVIDE ALL CEILING AIR DEVICES IN RATED CEILING MEMBRANES WITH CEILING RADIATION DAMPERS AND FIRE RATED BLANKETS, AS REQUIRED.
 - ROUTE SUPPLY DUCT IN SOFFIT. COORDINATE WITH ARCH AND G.C.
 - PROVIDE ALL DUCT PENETRATIONS IN RATED CEILING MEMBRANES WITH CEILING RADIATION DAMPERS, AS REQUIRED.
 - ROUTE DUCTWORK BETWEEN AND THROUGH TRUSSES WHERE POSSIBLE. COORDINATE ROUTING WITH OTHER TRADES AND EXISTING CONDITIONS.
 - PROVIDE ACCESS PANEL IN CEILING AT FIRE SMOKE DAMPERS. COORDINATE REQUIREMENTS WITH ARCHITECT.
 - PROVIDE FIRE DAMPER WHERE DUCTS PENETRATE RATED FLOOR. PROVIDE ACCESS PANELS AS REQUIRED. COORDINATE WITH G.C.
 - PROVIDE UL LISTED DRYER BOX EQUAL TO IN-O-VATE TECHNOLOGIES IN WALL INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. AND ROUTE 4" DRYER EXHAUST DUCT TO ROOF JACK WITH BACKDRAFT DAMPER. SEE OVERALL MECHANICAL PLANS FOR UNIT SPECIFIC ROUTING. MAXIMUM ALLOWABLE EQUIVALENT DUCT LENGTH = 14' + (2) 90° ELBOWS. UTILIZE LONG RADIUS SMOOTH ELBOWS WHERE REQUIRED.
- NOTE: ANNULAR SPACE AROUND DUCT IS TO BE SEALED AT ALL PENETRATIONS OF FLOORS AND CEILINGS WITH U.L. LISTED FIRE STOPPING SYSTEM.

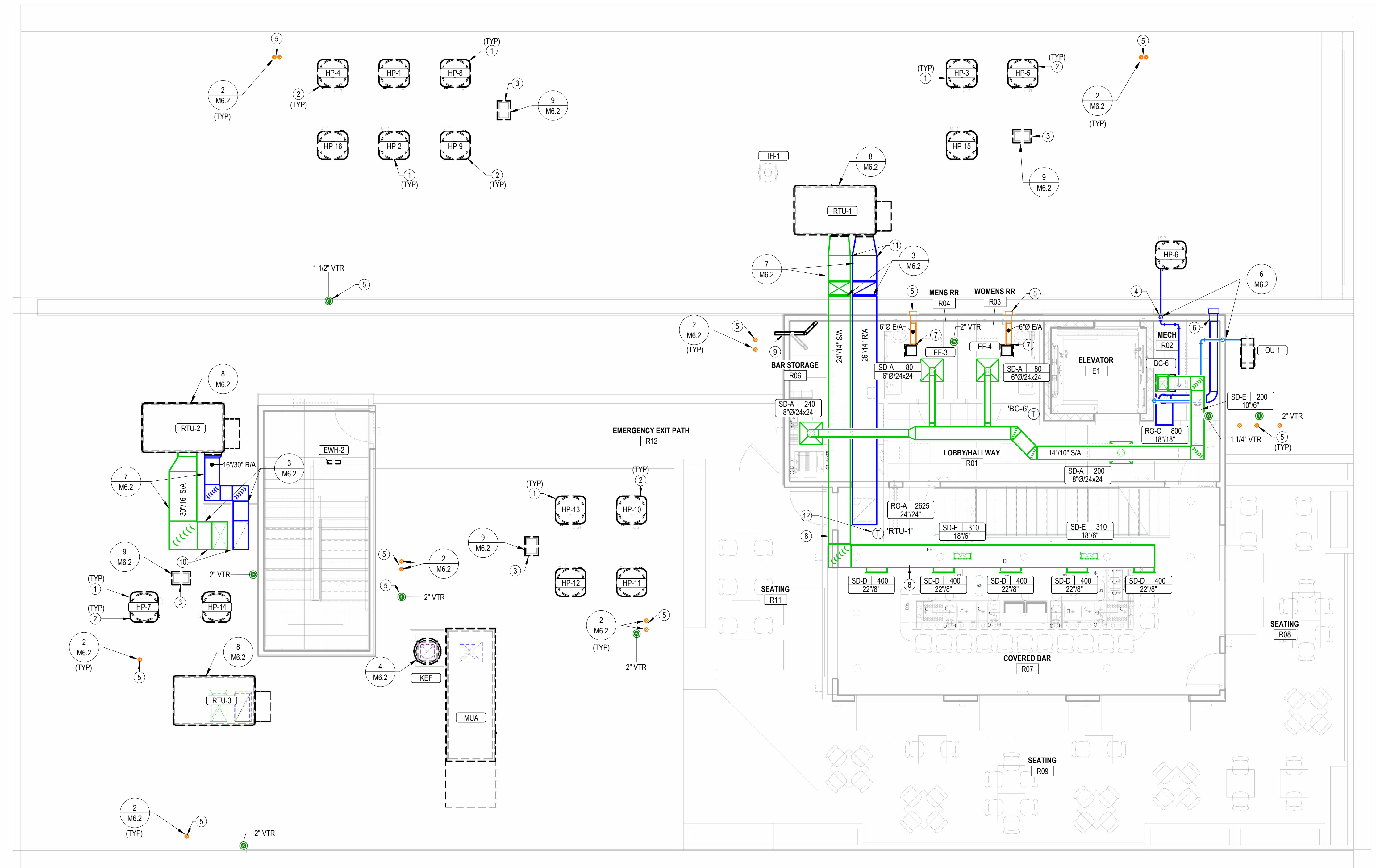
NOTE: VENTILATION FOR APARTMENTS IS PROVIDED BY LOCAL EXHAUST SYSTEMS PER 2015 INTERNATIONAL MECHANICAL CODE. EXHAUST FANS SHALL BE EQUIPPED WITH CONTROLS TO OPERATE INTERMITTENTLY. SEE ELECTRICAL PLANS FOR MINUTE RUN TIME FOR EACH FAN.



1 SECOND FLOOR HVAC PLAN
 M1.4 3/16" = 1'-0"

REVISIONS:	
DATE:	3/20/2025
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- NOTES BY SYMBOL**
- 1 MOUNT HEAT PUMP ON ROOF EQUIPMENT RAILS EQUAL TO RPS COMPATIBLE WITH ROOF TYPE AND SLOPE. COORDINATE EXACT REQUIREMENTS WITH G.C.
 - 2 ROUTE REFRIGERANT PIPING FROM HEAT PUMP TO MATCHING BLOWER COIL SIZE PIPING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR LINE LENGTH AND EQUIPMENT HEIGHT. AND PROVIDE ALL OTHER REQUIRED ACCESSORIES. PROVIDE RPH AWI ROOF VAULT WITH PENETRATION SEALS FOR REFRIGERANT AND CONDUIT PENETRATIONS. COORDINATE INSTALLATION REQUIREMENTS WITH G.C.
 - 3 PROVIDE RPH AWI ROOF VAULT WITH PENETRATION SEALS FOR REFRIGERANT AND CONDUIT PENETRATIONS OF ROOF. COORDINATE INSTALLATION REQUIREMENTS WITH G.C. AND E.C.
 - 4 ROUTE REFRIGERANT FROM HEAT PUMP TO MATCHING INDOOR UNIT CONCEALED IN WALLS AND ABOVE CEILING. PENETRATE EXTERIOR WALL 18" F.G. AND PROVIDE WALL PENETRATION ASSEMBLY EQUAL TO AIREX TITAN OUTLET.
 - 5 MAINTAIN 10'-0" MIN. FROM EXHAUST DUCTS AND VENTS TO O.A. INTAKES ON ROOF.
 - 6 ROUTE O.A. INTAKE TO WALL CAP.
 - 7 ROUTE EXHAUST DUCT TO WALL CAP.
 - 8 ROUTE SUPPLY DUCT IN SOFFIT. COORDINATE WITH ARCH AND G.C.
 - 9 ROUTE PVC INTAKE AND VENT PIPING FROM WATER HEATER TO CONCENTRIC VENT WALL CAP.
 - 10 ROUTE SUPPLY AND RETURN DUCT FROM PACKAGED UNIT ACROSS ROOF. PENETRATE EXTERIOR WALL. AND ROUTE DOWN THROUGH CHASE. PROVIDE A LAYER OF 5/8" GYP WITH R-25 INSULATION AROUND DUCTWORK AT ROOF ELEVATION. COORDINATE REQUIREMENTS WITH ARCH AND G.C.
 - 11 ROUTE SUPPLY AND RETURN DUCT FROM PACKAGED UNIT ACROSS ROOF AND UP EXTERIOR WALL. PENETRATE AS HIGH AS POSSIBLE BELOW STRUCTURE. COORDINATE EXACT ROUTING WITH OTHER TRADES.
 - 12 COORDINATE FINAL LOCATION OF ALL THERMOSTATS WITH OWNER PRIOR TO ROUGH-IN.



101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

1 ROOF HVAC PLAN
 M1.5 3/16" = 1'-0"

REVISIONS:	
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EQUIPMENT SCHEDULE										
Tempered Make-Up Air Unit										
NO.	MARK	MODEL	LENGTH	WIDTH	HEIGHT	HOOD CONSTR.	EXHAUST	SUPPLY	WASHING	SECTION
1	KEH-1	XKEW-120-S	120	54	24	HEAVY	2100	1650	557	SINGLE

HOOD INFORMATION										
HOOD NO.	MARK	MODEL	LENGTH	WIDTH	HEIGHT	HOOD CONSTR.	EXHAUST	SUPPLY	WASHING	SECTION
1	KEH-1	XKEW-120-S	120	54	24	HEAVY	2100	1650	557	SINGLE

LIGHTING DETAILS									
HOOD NO.	MARK	FIXTURE TYPE	QUANTITY	FOOT CANDLE	TYPE	MODEL	LOCATION	WIRE SYSTEM	CONTROL
1	KEH-1	RECESSED (UL LISTED) 100W AIR BALLAST (NOT INCL.)	6	50.71	BI-GH	AMEREX KP	3-34	300K	TOUCHSCREEN

NOTE: Roof Opening Requirements
 Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.
 For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

HOOD INFORMATION										
HOOD NO.	MARK	MODEL	LENGTH	WIDTH	HEIGHT	HOOD CONSTR.	EXHAUST	SUPPLY	WASHING	SECTION
1	KEH-1	XKEW-120-S	120	54	24	HEAVY	2100	1650	557	SINGLE

LIGHTING DETAILS									
HOOD NO.	MARK	FIXTURE TYPE	QUANTITY	FOOT CANDLE	TYPE	MODEL	LOCATION	WIRE SYSTEM	CONTROL
1	KEH-1	RECESSED (UL LISTED) 100W AIR BALLAST (NOT INCL.)	6	50.71	BI-GH	AMEREX KP	3-34	300K	TOUCHSCREEN

Direct Drive Uplight Centrifugal Roof Exhaust Fan												
MARK	MODEL	VOLUME (CFM)	TOTAL (IN WEG)	EXTERNAL SP. (IN WEG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LBS.)	SIZE (IN)	VICP	ENCLOSURE	WINDINGS	SEC. FLAT
1	KEF-1	XCH-100DF-25	72,500	1.3	353	3/4	98	1	26.00x1	1N	TYPED	1

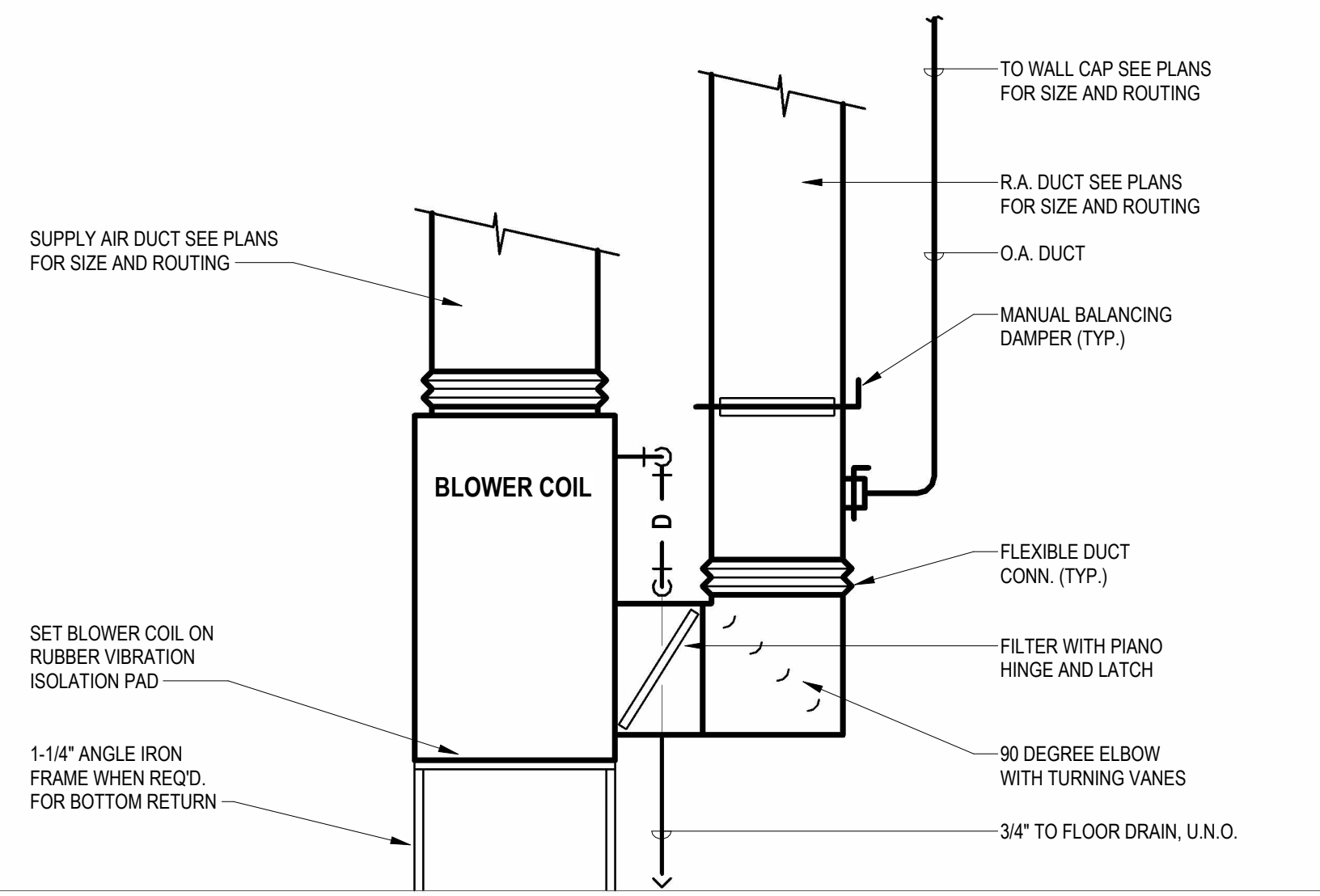
101 N. SANTA FE AVE.

REMODEL AND ADDITIONS: PELE'S PLAYGROUND, APARTMENTS AND ROOF TOP BAR

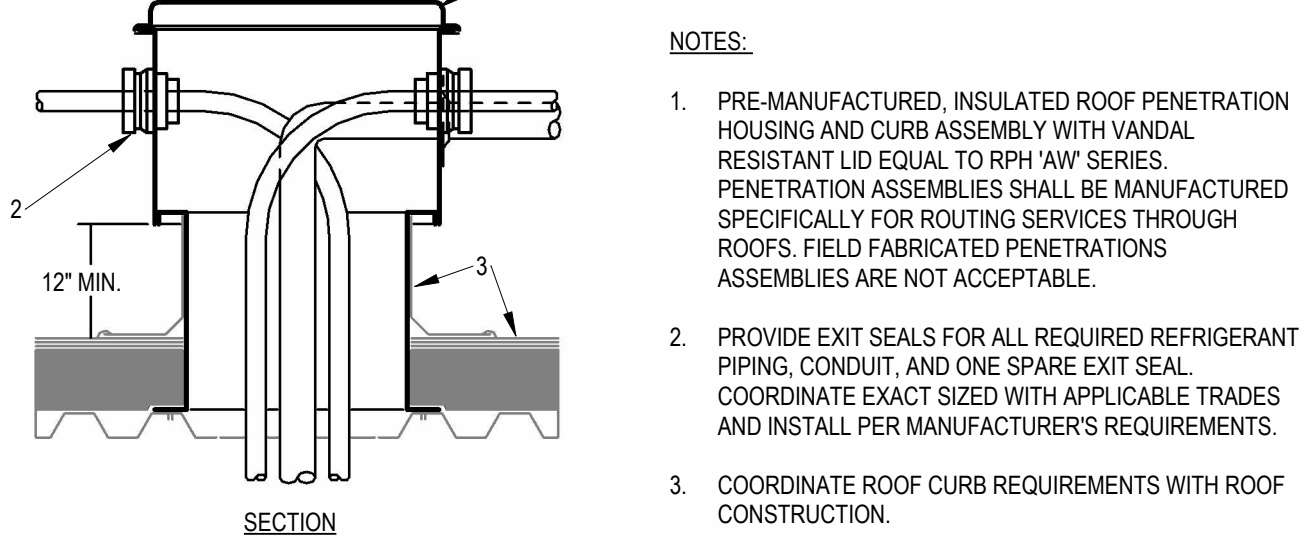
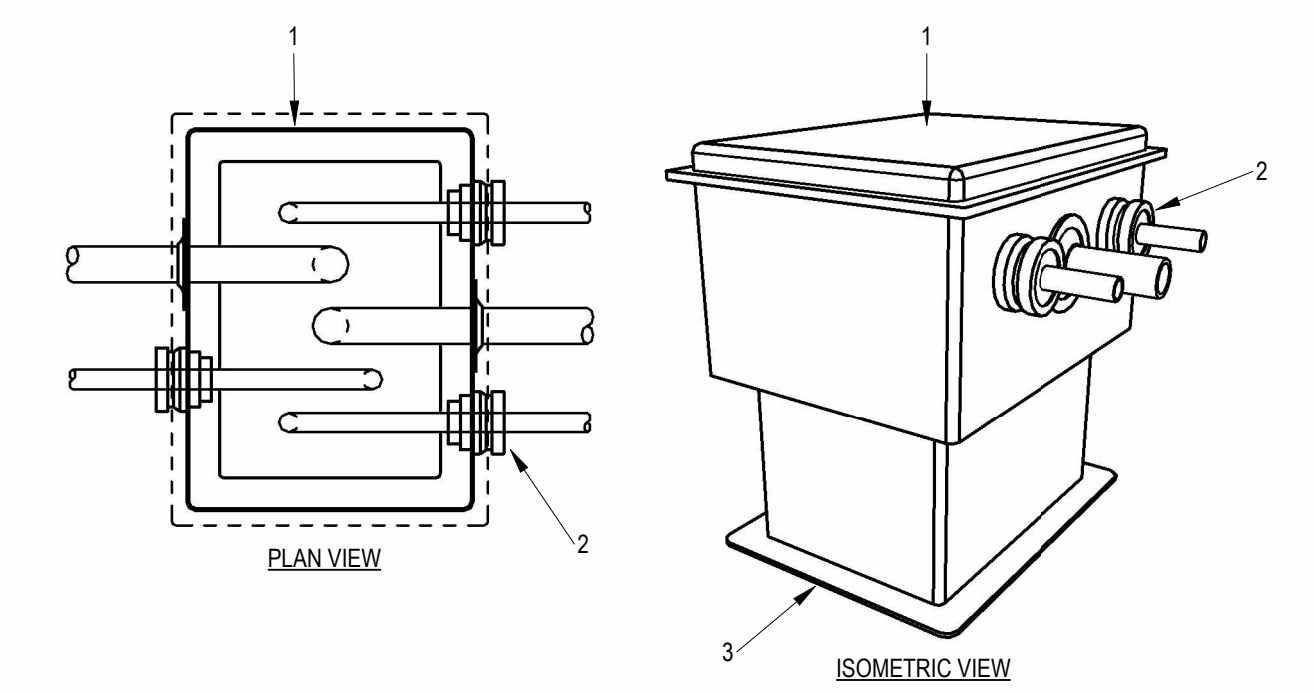
SALINA, KANSAS

REVISIONS:

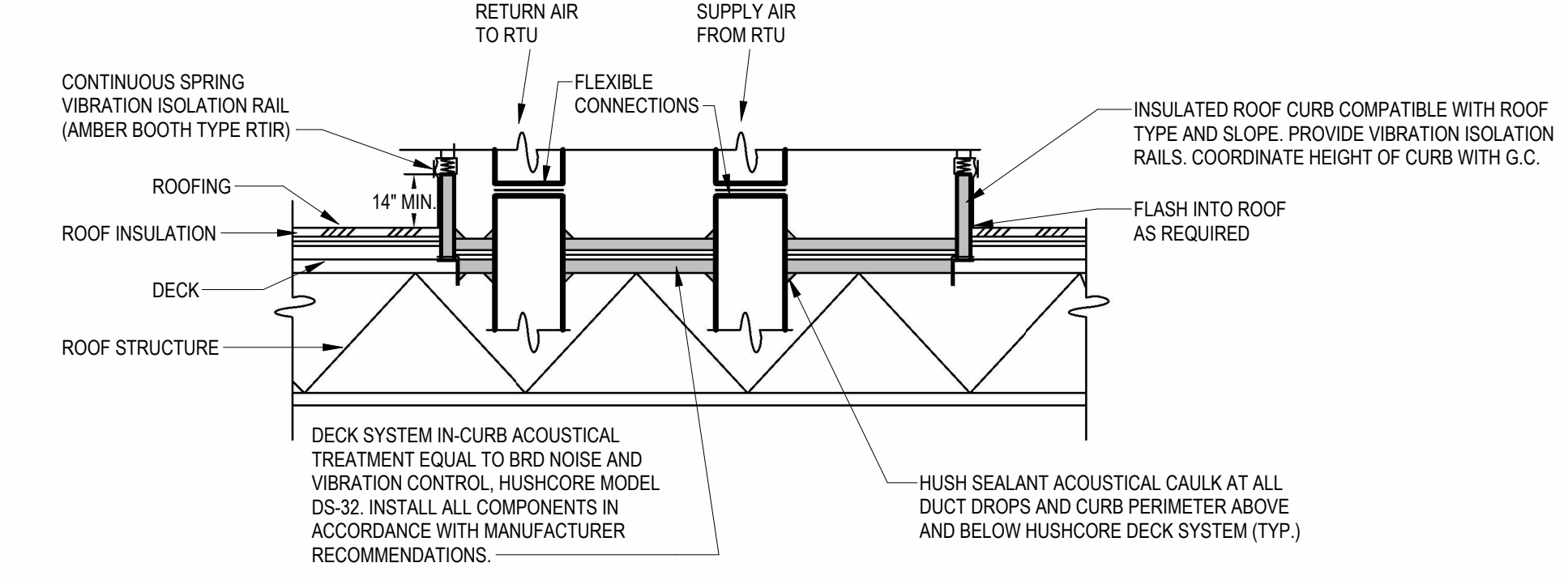
DATE: 3/20/2025
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10
M6.2 BLOWER COIL DETAIL
 NO SCALE

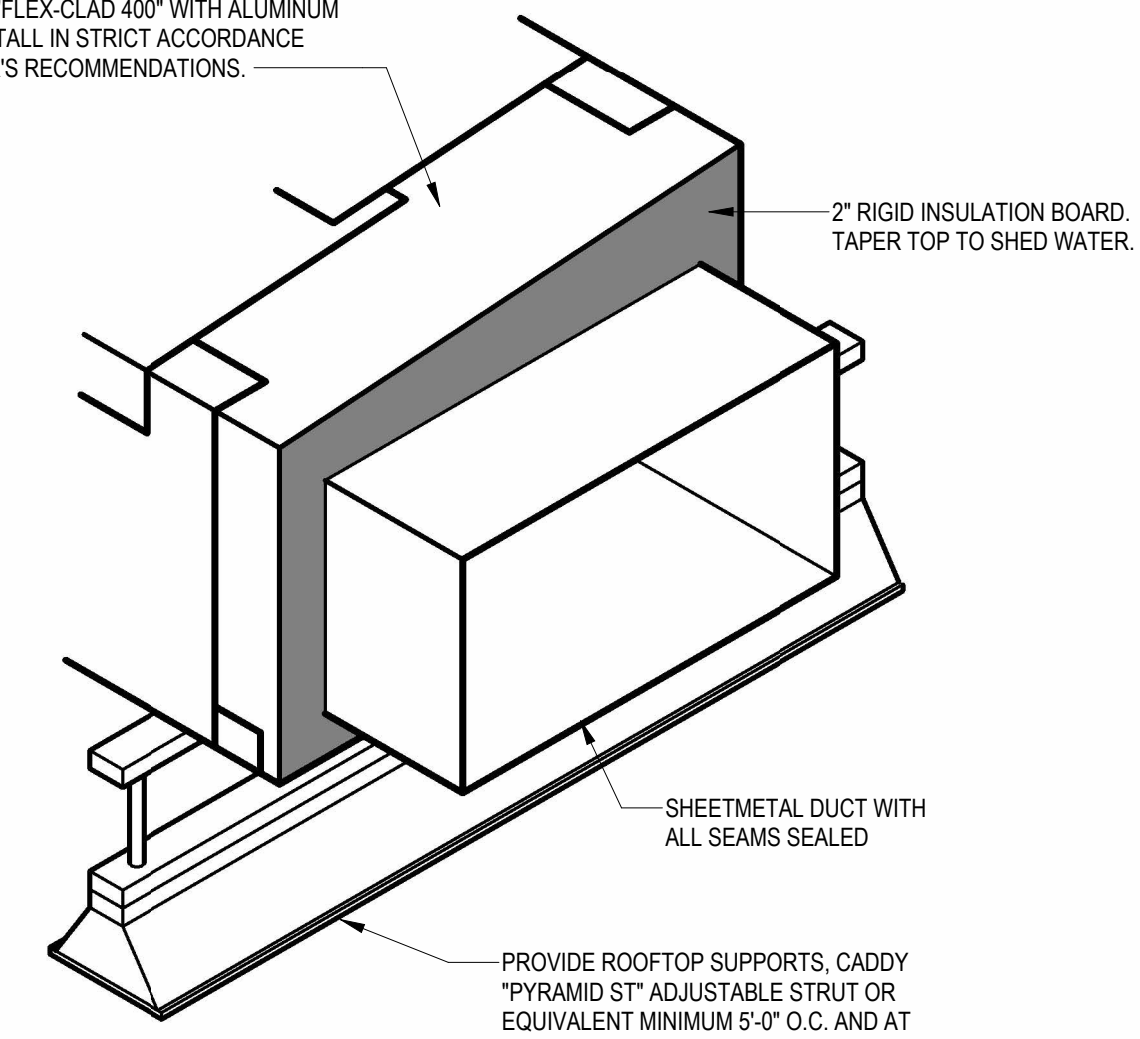


9
M6.2 ROOF PENETRATION VAULT DETAIL
 NO SCALE

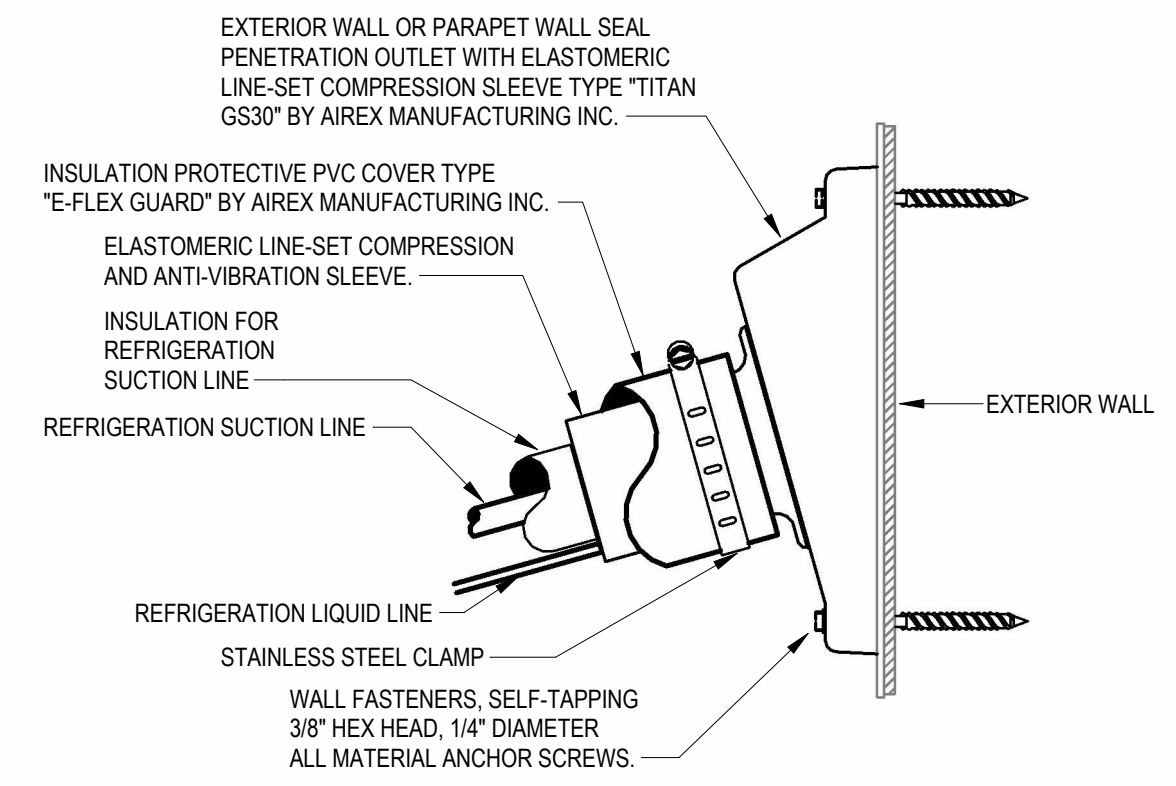


8
M6.2 RTU CURB
 NO SCALE

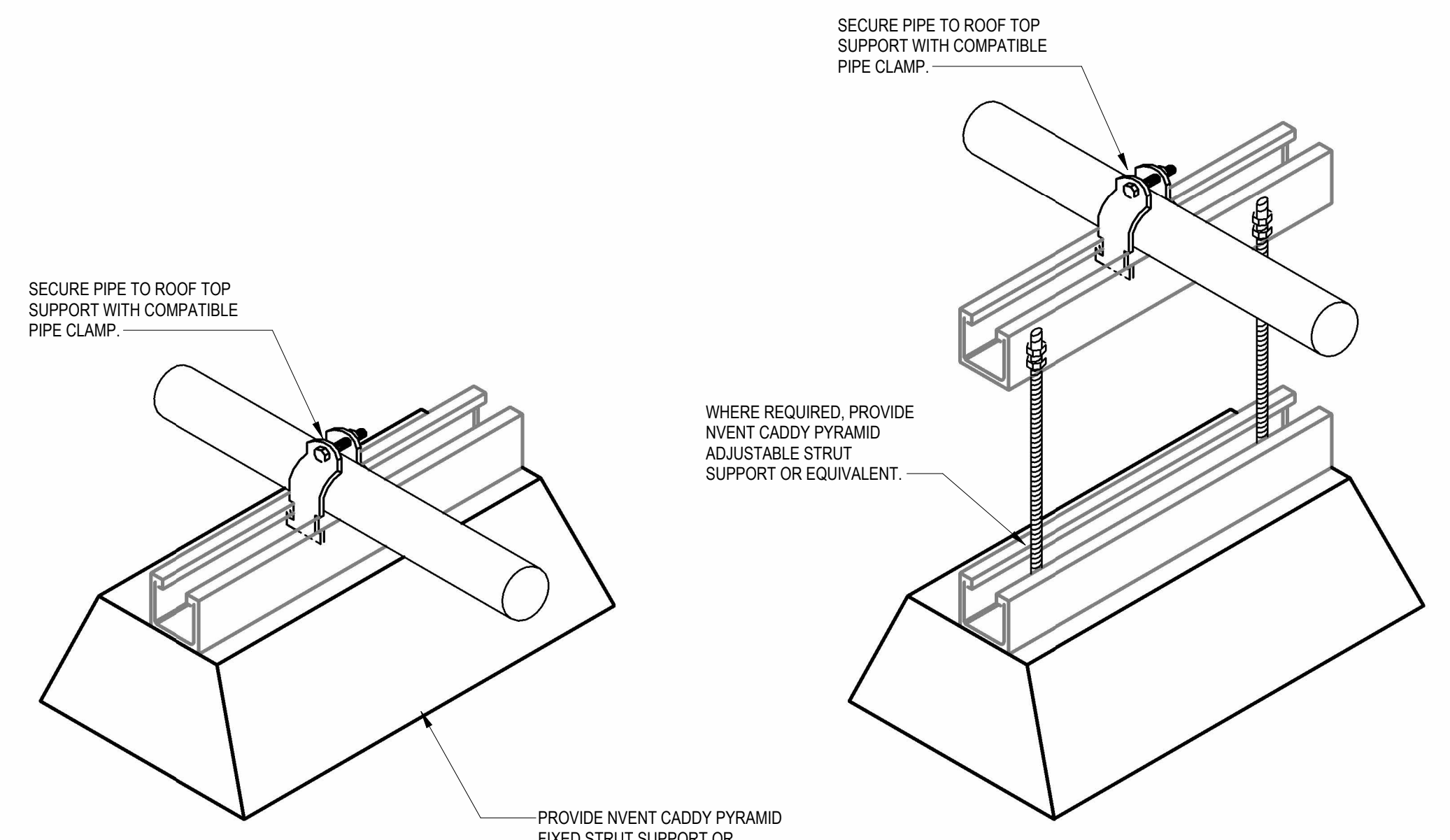
APPLY PRE-FABRICATED SELF-ADHERING WATERPROOF MEMBRANE TO ALL DUCT SURFACES EXPOSED TO OUTDOORS. MEMBRANE TO BE EQUIVALENT TO MFM BUILDING PRODUCTS "FLEX-CLAD 400" WITH ALUMINUM EXTERIOR FINISH. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



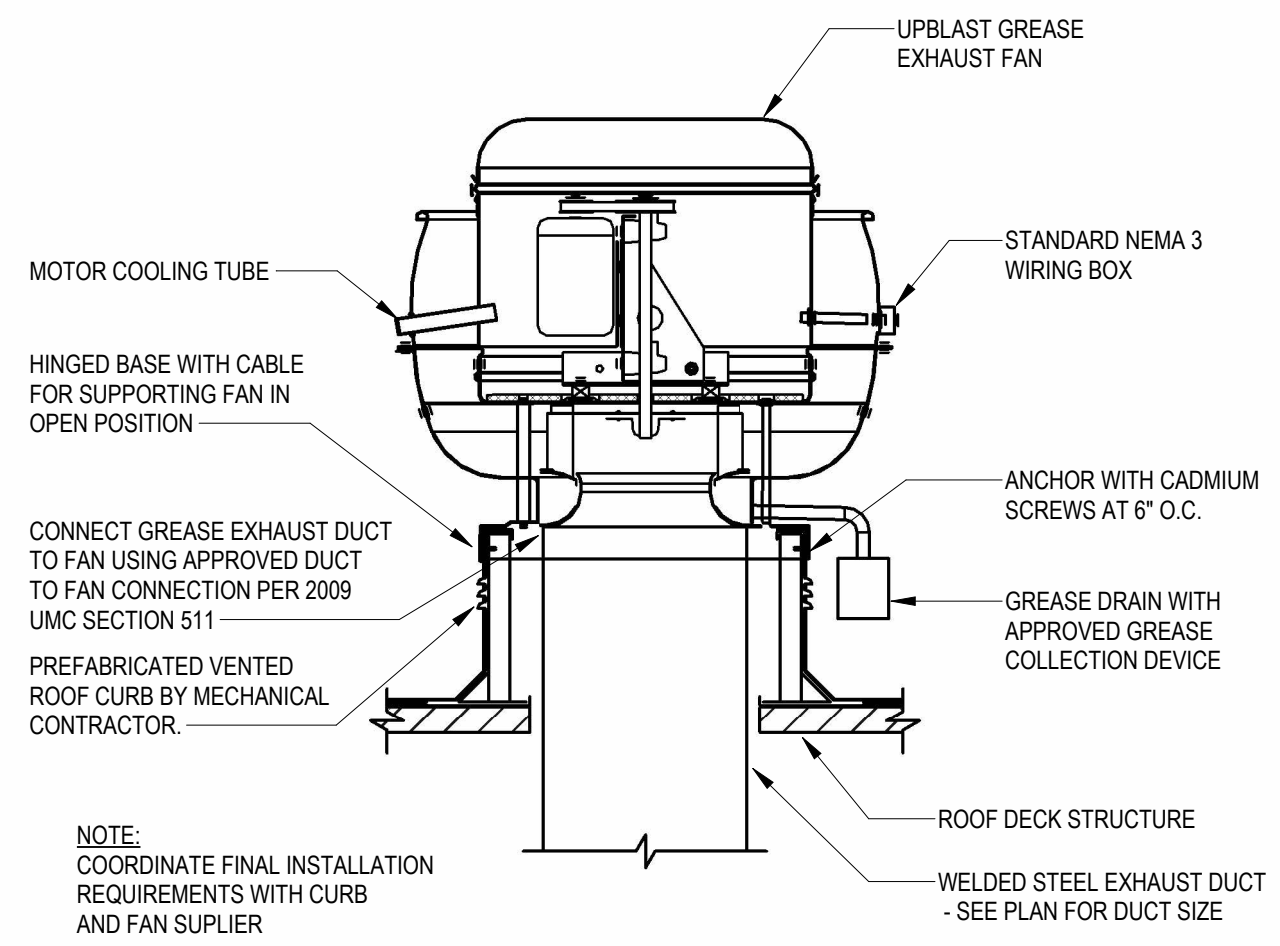
7
M6.2 EXTERIOR DUCT DETAIL
 NO SCALE



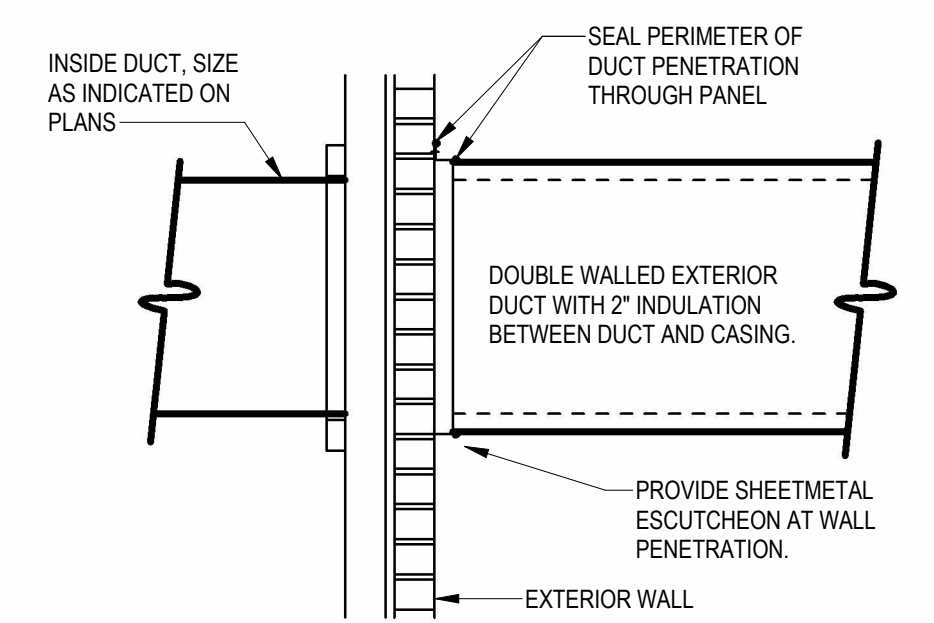
6
M6.2 HVAC PIPING WALL PENETRATION SEAL
 NO SCALE



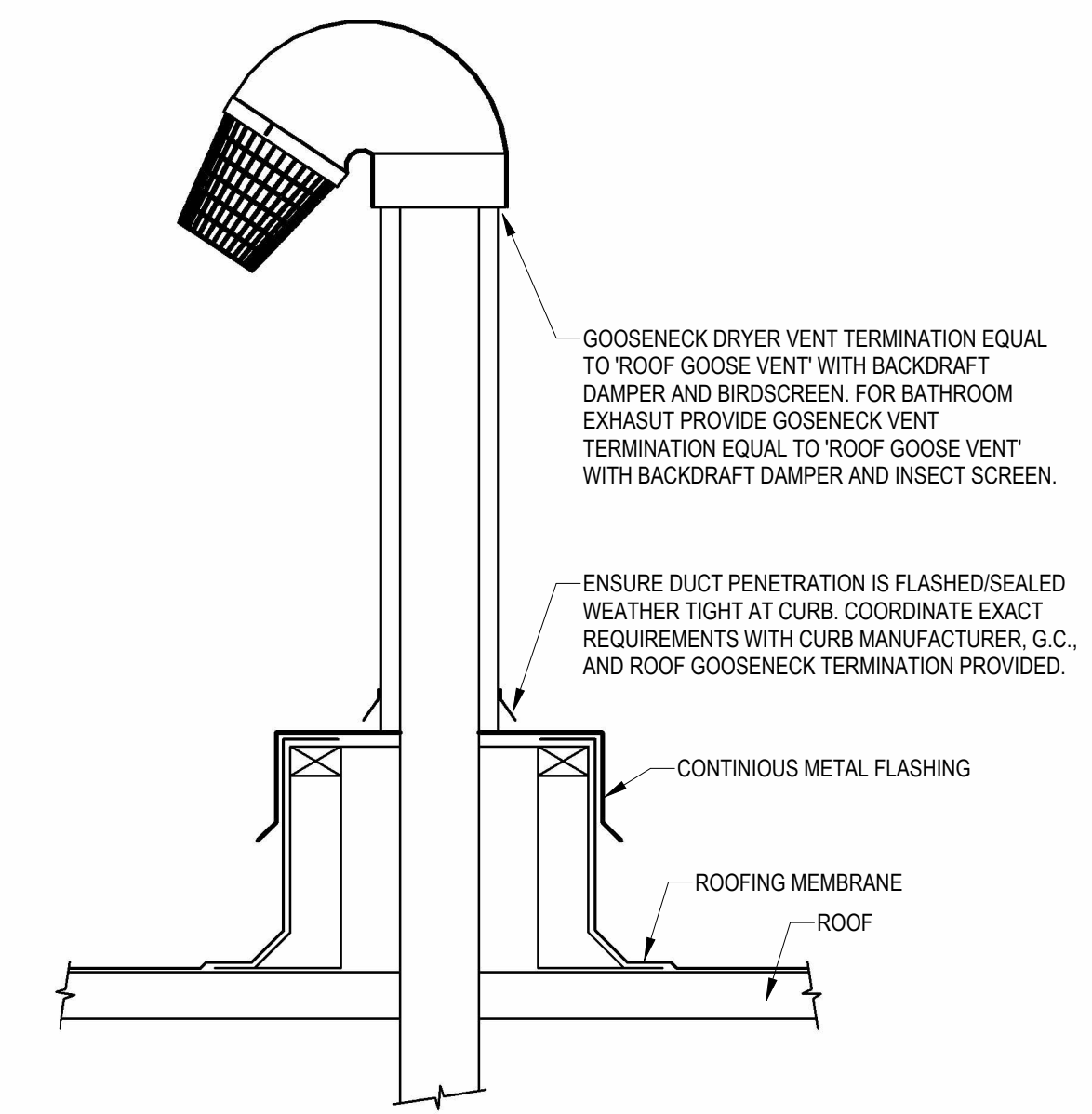
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M6.2 EXTERIOR PIPING SUPPORT DETAIL
 NO SCALE



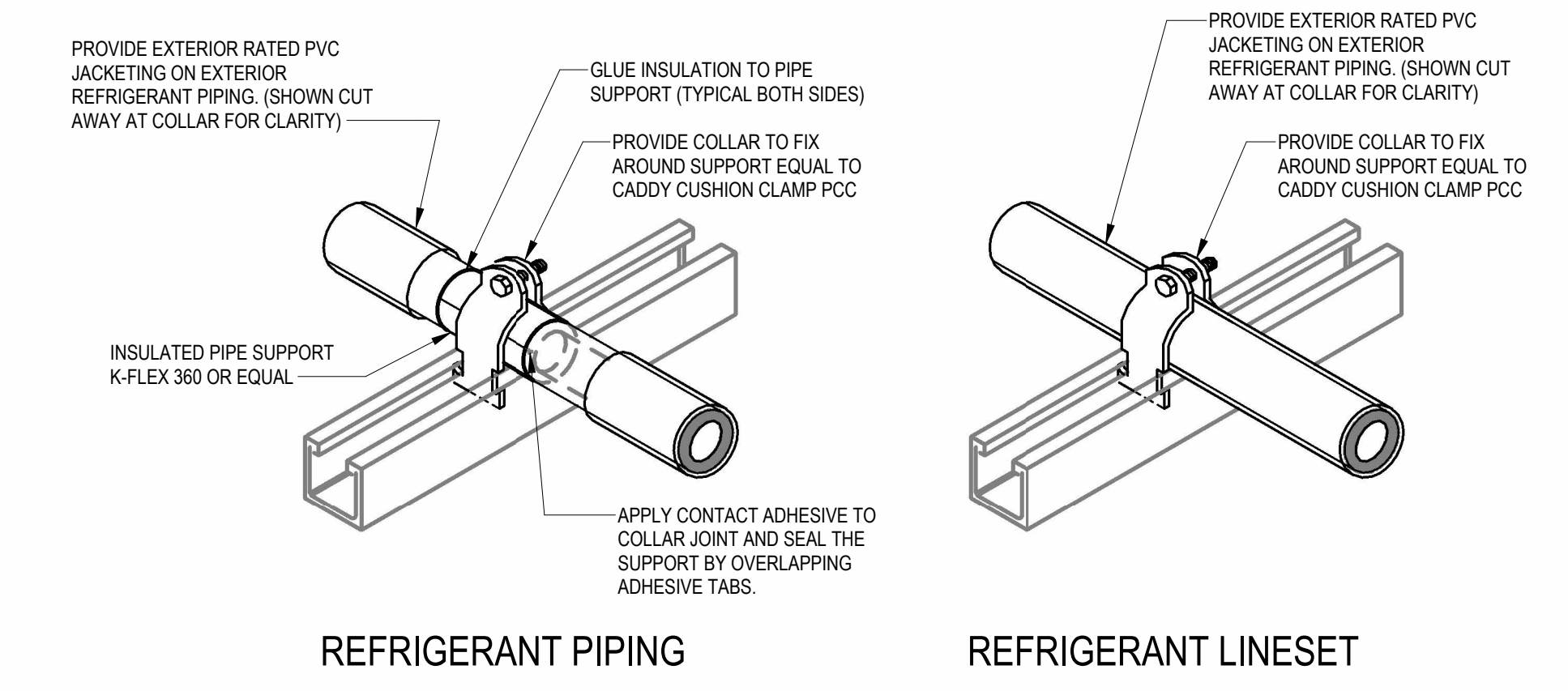
4
M6.2 TYPICAL KITCHEN EXHAUST FAN
 NO SCALE



3
M6.2 WALL PENETRATION DETAIL
 NO SCALE



2
M6.2 GOOSENECK DUCT THROUGH ROOF DETAIL
 NO SCALE



1
M6.2 EXTERIOR REFRIGERANT PIPING INSULATION DETAIL
 NO SCALE

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General Plan Symbols	
	Plan Revision Number
	Detail Number on Sheet
	Sheet Number Where Detail is Placed
	Keynote Symbol
	Continuation Symbol
	Point Where New Connects To Existing
	Room Name / Number
	Area Being Demolished
	Area Not In Contract
	Electrical Equipment. Do not route HVAC installation above or below equipment. Maintain working clearance as indicated by dashed line.

Abbreviations			
Ø	ROUND	LVR	LOUVER
ABV	ABOVE	LWT	LEAVING WATER TEMPERATURE
AC	AIR CONDITIONING	M/A	MIXED AIR
AD	AREA DRAIN	MAX	MAXIMUM
ADD	ADDENDUM	MBH	ONE THOUSAND BTU PER HOUR
AFF	ABOVE FINISHED FLOOR	MCF	ONE THOUSAND CUBIC FEET
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	MD	MOTORIZED DAMPER
ALT	ALTERNATE	MECH	MECHANICAL
AP	ACCESS PANEL	MFR	MANUFACTURER
ARCH	ARCHITECT/ARCHITECTURAL	MIN	MINIMUM
BFF	BELOW FINISHED FLOOR	MISC	MISCELLANEOUS
BLW	BELOW	MTR	MOTOR
BTU	BRITISH THERMAL UNITS	MU/A	MAKE-UP/AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC	NOISE CRITERIA
CAP	CAPACITY	NC	NORMALLY CLOSED
CB	CATCH BASIN	NC	NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO	NUMBER
CLS	CEILING	NO	NORMALLY OPEN
CO	CLEAN OUT	NTS	NOT TO SCALE
CW	COLD WATER	O	OXYGEN
D	DEGREE	O/A	OUTSIDE AIR
DB	DRY BULB	ORD	OVERFLOW ROOF DRAIN
DIA	DIAMETER	PD	PRESSURE DROP
DN	DOWN	PIV	POST INDICATOR VALVE
DW	DISTILLED WATER	PLBG	PLUMBING
EA	EACH	PRESS	PRESSURE
EAT	ENTERING AIR TEMPERATURE	PRV	PRESSURE REDUCING VALVE
ELEC	ELECTRICAL	PSI	POUNDS PER SQUARE INCH
EQUIP	EQUIPMENT	PSIG	POUNDS PER SQUARE INCH GAUGE
EW/C	ELECTRIC WATER COOLER	PWR	POWER
EWT	ENTERING WATER TEMPERATURE	R	DUCT RISER
E/A	EXHAUST AIR	R/A	RETURN AIR
EXIST	EXISTING	RCP	RADIANT CEILING PANEL
F	DEGREES FAHRENHEIT	RD	ROOF DRAIN
FCO	FLOOR CLEAN OUT	REC	RECESSED
FD	FLOOR DRAIN	RED	REDUCER
FDC	FIRE DEPARTMENT CONNECTION	RH	RELATIVE HUMIDITY
FL	FLOOR	R/A	RELIEF AIR
FO	FUEL OIL	RM	ROOM
FOV	FUEL OIL VENT	RPM	REVOLUTIONS PER MINUTE
FOR	FUEL OIL RETURN	RW	RAIN WATER
FOS	FUEL OIL SUPPLY	SF	SQUARE FOOT
FS	FLOOR SINK	S/A	SUPPLY AIR
FTR	FIN TUBE RADIATION	SAN	SANITARY
GAL	GALLON	SM	SQUARE FOOT
GF	GAS-FIRED	SD	SMOKE DAMPER
GC	GENERAL CONTRACTOR	SP	STATIC PRESSURE
GPM	GALLONS PER MINUTE	STM	STEAM
GW	GREASE WASTE	T	THERMOSTAT
HB	HOSE BIB	TD	TEMPERATURE DROP
HP	HORSE POWER	TDR	TRENCH DRAIN
HTG	HEATING	TEMP	TEMPERATURE
HTR	HEATER	TYP	TYPICAL
HW	HOT WATER	UG	UNDERGROUND
HYD	HYDRANT	VAC	VACUUM
ID	INDIRECT	V	VENT
IN	INCH	VAV	VARIABLE AIR VOLUME
INV	INVERT	VENT	VENTILATION
LB	POUND	VTR	VENT THROUGH ROOF
LBHR	POUNDS PER HOUR	W	WASTE
LAT	LEAVING AIR TEMPERATURE	WB	WET BULB
LP	LOW PRESSURE	WCO	WALL CLEAN OUT
LPG	LIQUEFIED PETROLEUM GAS	WH	WALL HYDRANT

Equipment Abbreviations			
AC	AIR CONDITIONING UNIT	ET	EXPANSION TANK
ACCU	AIR COOLING CONDENSING UNIT	EW/H	ELECTRIC WATER HEATER
AHU	AIR HANDLING UNIT	FCU	FAN COIL UNIT
AS	AIR SEPARATOR	FP	FIRE PUMP
B	BOILER	GI	GREASE INTERCEPTOR
CH	CHILLER	GRV	GRAVITY ROOF VENTILATOR
CT	COOLING TOWER	HWP	HEATING WATER PUMP
CUH	CABINET UNIT HEATER	HRU	HEAT RECOVERY UNIT
CHWP	CHILLED WATER PUMP	PRV	POWER ROOF VENTILATOR
DBP	DOMESTIC WATER BOOSTER PUMP	RE	RETURN/EXHAUST FAN
DC	DUCT MOUNTED COIL	RTU	ROOFTOP UNIT
DCP	DOMESTIC WATER CIRCULATING PUMP	SP	SUMP PUMP
EF	EXHAUST FAN	UH	UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH	WATER HEATER

NOTE
 ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.

Plumbing Symbols	
	2" Nominal Pipe Size
	Above Ground Piping
	Below Ground Piping
	Pipe Slope (When Applicable)
	1/8" / 12" SLOPE
	(E) Existing Pipe To Remain
	Pipe To Be Demolished
	CW Domestic Cold-Water
	NPW Non-Potable Water
	S-CW Soft Cold-Water
	F-CW Filtered Cold-Water
	RO Reverse Osmosis Water
	HW Domestic Hot-Water
	-HW 140° Domestic Hot-Water 140°
	-HW-R Hot-Water Recirculation
	-HW-R 140° Hot-Water Recirculation 140°
	SS Sanitary Drain
	V Sanitary Vent
	WV Sanitary Wet Vent
	CWV Combination DWV
	CD Condensate Drain
	ID Indirect Drain
	GW Grease Waste
	GV Grease Vent
	PD Pump Discharge
	SD Storm Drain
	OSD Storm Overflow
	CA Compressed Air
	G Natural Gas
	LP Liquid Propane
	Pipe Rise / Drop

Pipe Accessory Notes	
	4" FCO Cleanout
	2" CHECK Check Valve
	2" BALANCE Balancing Valve
	2" CIRC Circuit Setter
	2" GATE Gate Valve
	2" S/O Ball Valve
	2" STRAIN Fluid Strainer
	1" GAS-CNTRL Emergency Gas Shutoff
	1" PLUG Plug Valve
	1" GAS COCK Gas Shutoff Cock
	1" REG Gas Regulator
	1" TV Thermostatic Valve
	TMV-XT/PT Mixing Valve
	TMVEM Emergency Mixer
	2" PRV Pressure Reducing Valve
	2" METER Water Meter
	Double Check Valve
	Reduced Pressure Zone

Plumbing Fixture Notes	
	Design Size
	Identity Type
	Drainage Fixture Units
	2" FD-3 Floor Drain w/ Deep Seal Trap
	2" FD-3P Floor Drain w/ Trap Primer
	P Indicates Primer Connection
	2" FD-7 Floor Drain w/ Integral Cleanout
	3" AD-1 Area Drain (No Trap)
	6" DD-1 Deck Drain
	3" HD-1 Hub Drain (Funnel Type)
	3" FS Floor Sink
	6" SD-12 Roof Drain
	6" SD-1 Combination Drain
	2000 SF Rainfall Surface Area

Plumbing Sheet Index	
P0.1	Plumbing Title Sheet
P1.1	Basement Waste and Vent Plan
P1.2	1st Floor Waste and Vent Plan
P1.3	Mezzanine Waste and Vent Plan
P1.4	2nd Floor Waste and Vent Plan
P1.5	Roof Waste and Vent Plan
P1.6	Basement Domestic Water Plan
P1.7	1st Floor Domestic Water Plan
P1.8	Mezzanine Domestic Water Plan
P1.9	2nd Floor Domestic Water Plan
P1.10	Roof Domestic Water Plan
P6.1	Plumbing Schedules
P9.1	Plumbing Riser
P9.2	Plumbing Riser

GENERAL PLUMBING NOTES

- FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- PITCH UNDERFLOOR SANITARY WASTE PIPING OVER 2" AT 18" PER FOOT, 2" AND SMALLER AT 14" PER FOOT.
- FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- ROUTE DOMESTIC WATER, AND SANITARY SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
- LOCATIONS OF PIPING AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
- FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL (OR UNIFORM, DEPENDING ON JURISDICTION) PLUMBING CODE AND INTERNATIONAL MECHANICAL CODE.
- LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- LOCATE PIPING AND EQUIPMENT OUTSIDE OF THE NEC REQUIRED CLEAR SPACE ABOVE AND AROUND ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE U.L. LISTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
- PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE. VISUAL INSPECTION OR HAND OPERATION, WHERE INDICATED OR REQUIRED, PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED.
- TRANSITION FROM PIPING SIZES SHOWN TO PROPERLY CONNECT TO EQUIPMENT.
- PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL PLUMBING EQUIPMENT AND MATERIALS. SUBSTITUTE EQUIPMENT AND MATERIALS INSTALLED WITHOUT PRIOR APPROVAL SHALL BE SUBJECT TO REPLACEMENT AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
- PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.

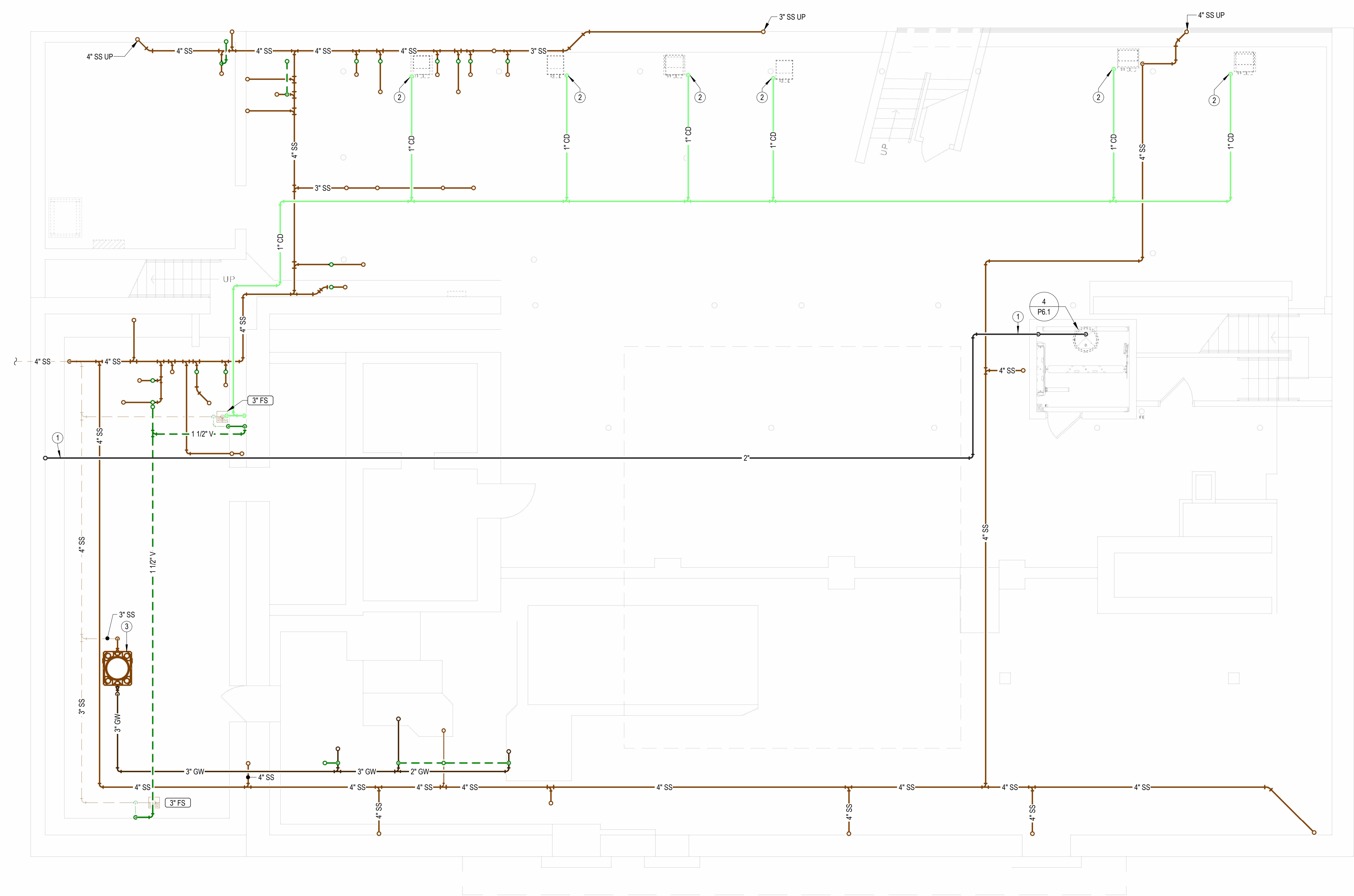
GENERAL PLUMBING DEMOLITION NOTES

- ALL PIPING TAKEN OUT OF SERVICE SHALL BE REMOVED. WHERE PIPING TO BE REMOVED IS CONNECTED TO EXISTING PIPING TO REMAIN, PIPING SHALL BE REMOVED BACK TO MAIN AND CAPPED, UNLESS INDICATED OTHERWISE. CONTRACTOR SHALL DISPOSE OF PIPING OR DELIVER TO OWNER, AS DIRECTED BY OWNER.
- WHERE PIPING TAKEN OUT OF SERVICE IS LOCATED BELOW SLAB AND IS UNABLE TO BE REMOVED, CAP BELOW SLAB.
- COORDINATE CUTTING, PATCHING OF EXISTING WALLS, CEILINGS, ROOF, AND FLOORS AFFECTED BY MECHANICAL DEMOLITION WITH G.C.
- ALL EQUIPMENT TAKEN OUT OF SERVICE SHALL BE REMOVED. EQUIPMENT SHALL BE DELIVERED TO OWNER OR DISPOSED OF AS DIRECTED BY OWNER.
- REMOVE ALL PLUMBING INSTALLATION FROM PROJECT AREA, UNLESS REQUIRED FOR NEW WORK OR EXISTING INSTALLATION NOT AFFECTED BY REMOVAL. COORDINATE WITH OWNER AND G.C.
- SERVICES TO ITEMS NOT REMOVED AS PART OF THIS WORK SHALL BE RESTORED UPON COMPLETION OF THIS WORK TO FULLY OPERATIONAL CONDITION.
- NOT ALL ITEMS REQUIRED TO BE DEMOLISHED MAY BE INDICATED ON DRAWINGS. ALL DEMOLITION OF AFFECTED SPACE SHALL BE PERFORMED AS IF INDICATED.
- FIELD VERIFY EXACT LOCATION OF ALL EXISTING PLUMBING INSTALLATION INDICATED ON DRAWINGS.
- ALL ITEMS TO BE RE-USED OR RELOCATED SHALL BE CLEANED, REPAIRED, AND RESTORED TO LIKE NEW CONDITION PRIOR TO RE-USE.

REVISIONS:

 DATE: 3/20/2025
 JOB: 24-3421
 SHEET NO.:

- NOTES BY SYMBOL**
- 1 ROUTE DISCHARGE FROM ELEVATOR SUMP PUMP AS HIGH AS POSSIBLE THROUGH BASEMENT TO EXTERIOR ALLEY WALL. CONTRACTOR SHALL INVESTIGATE PRESENCE OF GROUND WATER AND IF SUMP PUMP IS FOUND TO COLLECT GROUND WATER IN ELEVATOR PIT, NOTIFY ENGINEER AND ARCHITECT PRIOR TO ROUTING DISCHARGE PIPING. PIPING SHALL DISCHARGE TO CITY STORM SEWER IF GROUND WATER WILL BE DISCHARGED BY PUMP.
 - 2 PROVIDE CONDENSATE PUMP EQUAL TO LITTLE GIANT VCMA-20-PRO WITH OVERFLOW SWITCH, AND ROUTE DISCHARGE UP AS HIGH AS POSSIBLE AND DRAIN BY GRAVITY TO INDIRECT CONNECTION AT FLOOR SINK. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES. ROUTE PIPING AS HIGH AS POSSIBLE TO MAXIMIZE HEADROOM IN BASEMENT.
 - 3 PROVIDE GREASE INTERCEPTOR EQUAL TO SCHIER MODEL GB-50, 50GPM / 439LBS GREASE CAPACITY, 4" CONNECTIONS.



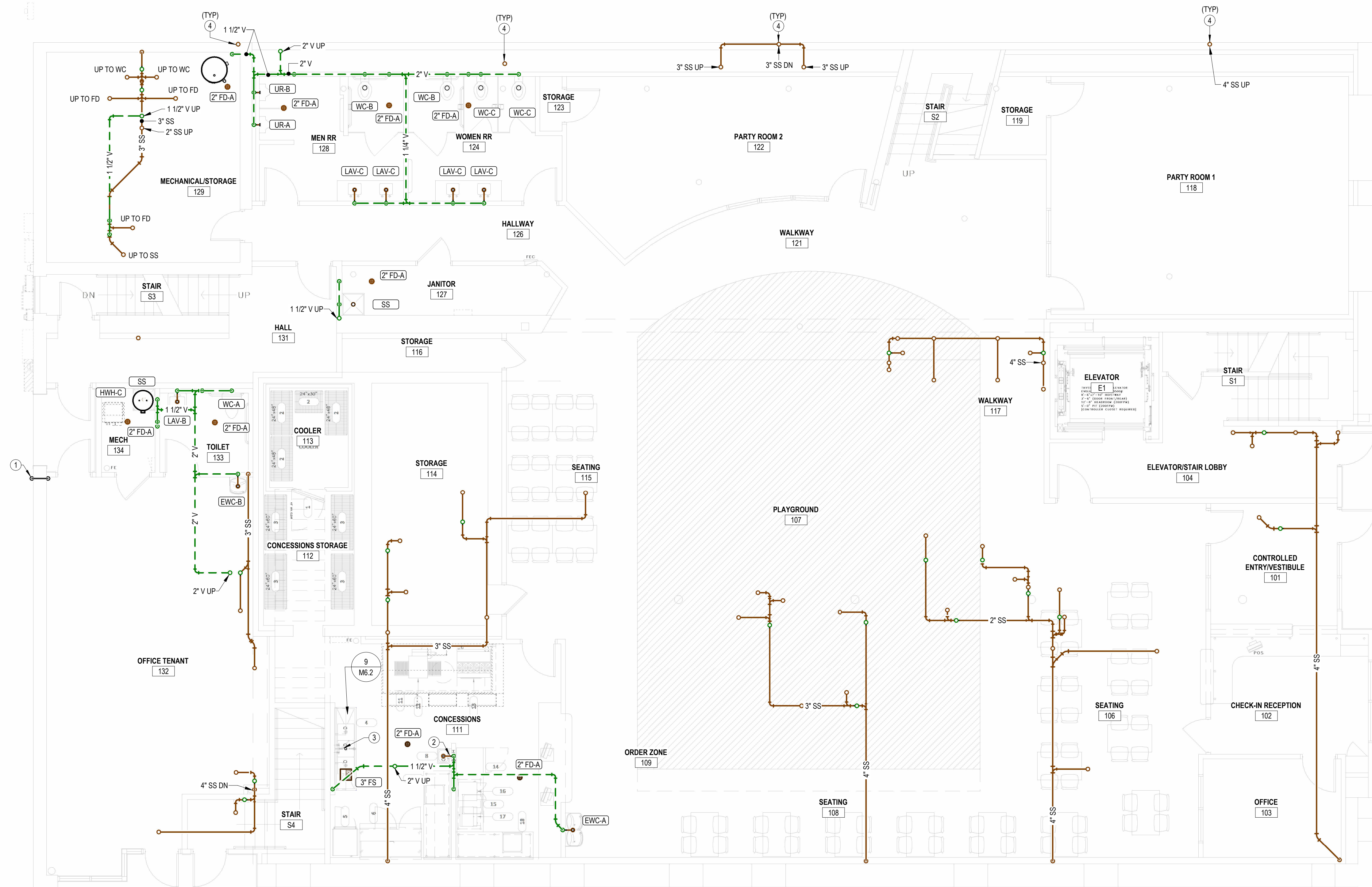
1 BASEMENT WASTE AND VENT PLAN
 P1.1 3/16" = 1'-0"

101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

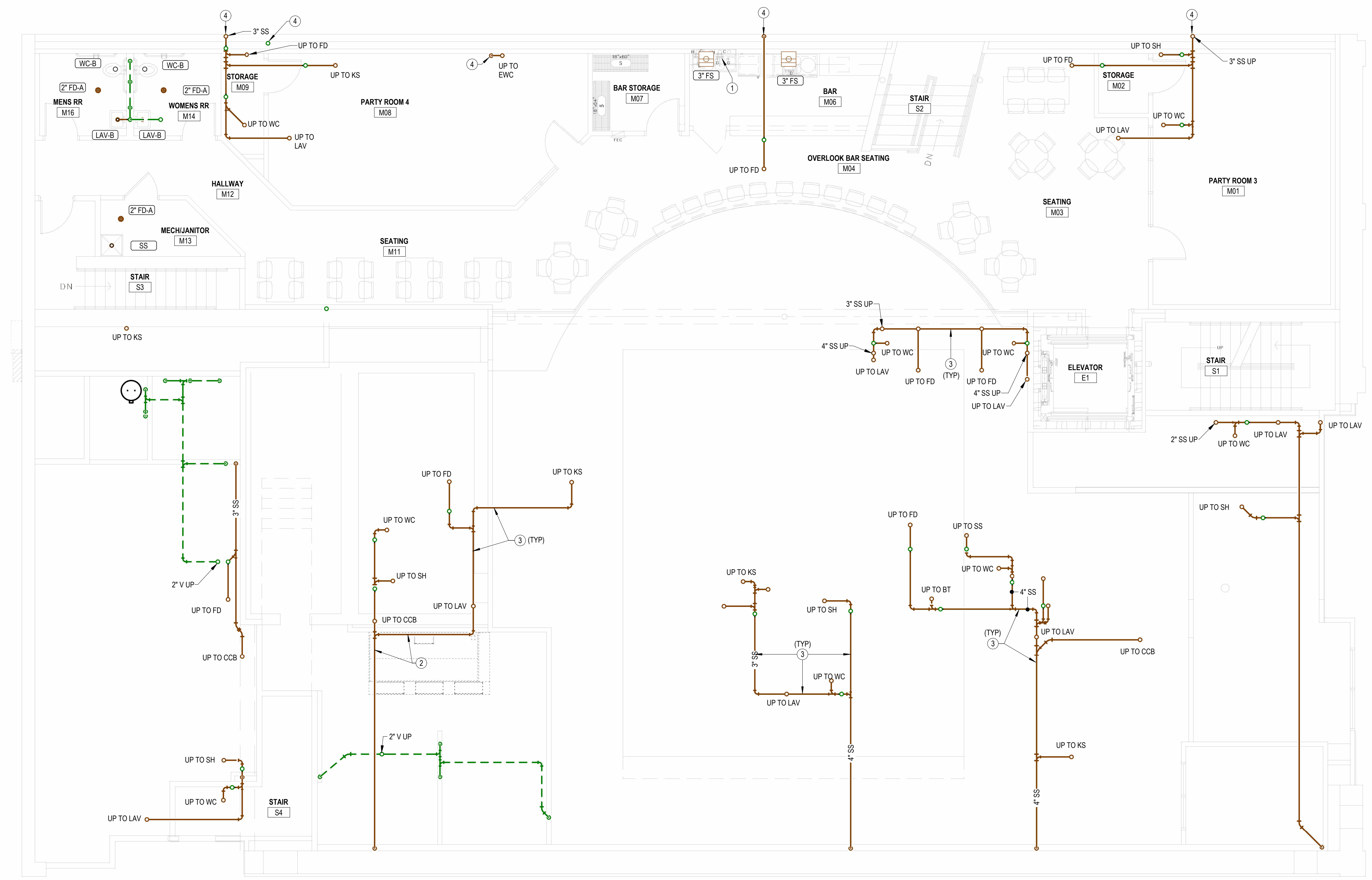
REVISIONS:

DATE: 3/20/2025
 JOB: 24-3421
 SHEET NO.:

- NOTES BY SYMBOL**
- 1 ROUTE SUMP PUMP DISCHARGE UP IN CHASE AND PENETRATE EXTERIOR WALL 24" A.F.G. AND ELBOW DOWN AND TERMINATE PIPE 8" A.F.G. IN ALLEY. PIPE SHALL PENETRATE EXTERIOR WALL THROUGH BRICK ABOVE CONCRETE BASE. COORDINATE EXACT LOCATION WITH ARCH.
 - 2 CONNECT SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.
 - 3 PROVIDE INDIRECT CONNECTION FROM SINK/EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. EACH BASIN OF MULTI-COMPARTMENT SINKS SHALL HAVE INDIVIDUAL INDIRECT DRAIN.
 - 4 ROUTE PIPING VERTICALLY CONCEALED IN WALL OR IN CHASE. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES.



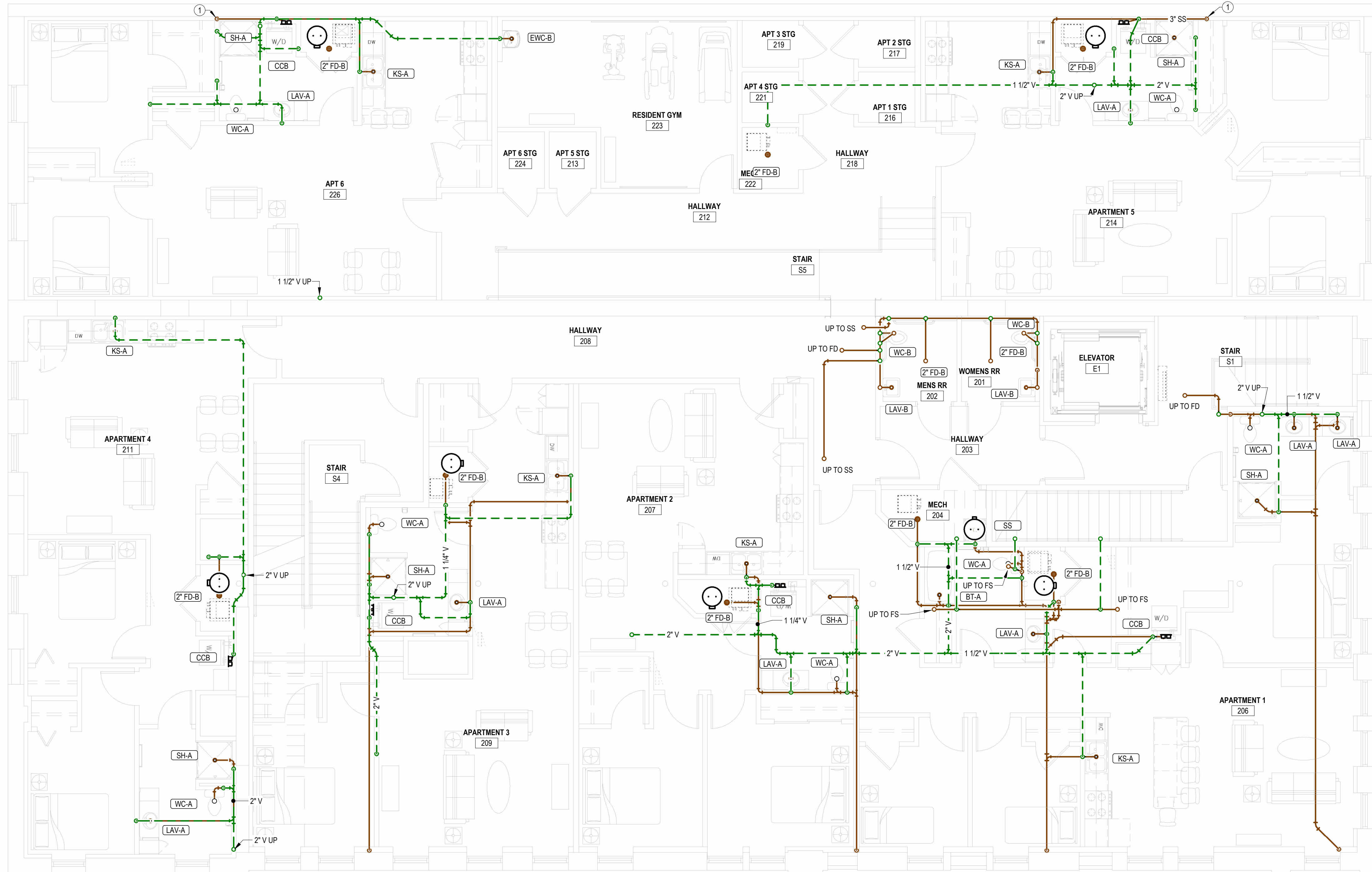
- NOTES BY SYMBOL**
- 1 PROVIDE INDIRECT CONNECTION FROM SINK/EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. EACH BASIN OF MULTI-COMPARTMENT SINKS SHALL HAVE INDIVIDUAL INDIRECT DRAIN.
 - 2 COORDINATE DRAIN ROUTING WITH KITCHEN HOOD EXHAUST DUCT.
 - 3 ROUTE ALL PIPING AS HIGH AS POSSIBLE BETWEEN AND THROUGH TRUSSES TO MAXIMIZE PLENUM SPACE. COORDINATE EXACT ROUTING WITH OTHER TRADES.
 - 4 ROUTE PIPING VERTICALLY CONCEALED IN WALL OR IN CHASE. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES.



101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

REVISIONS:	
DATE:	3/20/2025
JOB:	24-3421
SHEET NO.:	

NOTES BY SYMBOL
 1 ROUTE PIPING VERTICALLY CONCEALED IN WALL OR IN CHASE. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES.

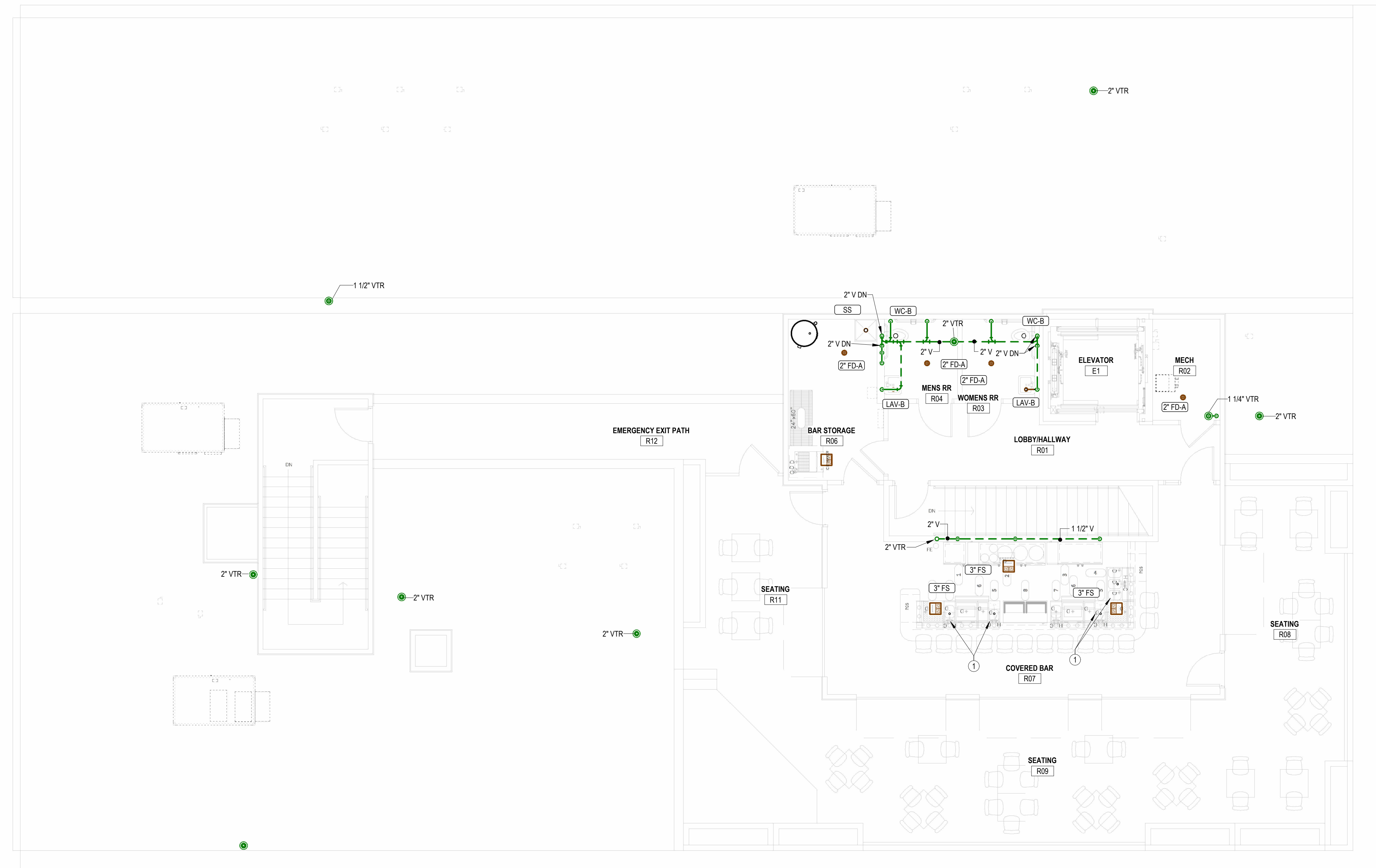


101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

REVISIONS:	
DATE:	3/20/2025
JOB:	24-3421
SHEET NO.:	

NOTES BY SYMBOL

1 PROVIDE INDIRECT CONNECTION FROM SINK/EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. EACH BASIN OF MULTI-COMPARTMENT SINKS SHALL HAVE INDIVIDUAL INDIRECT DRAIN.



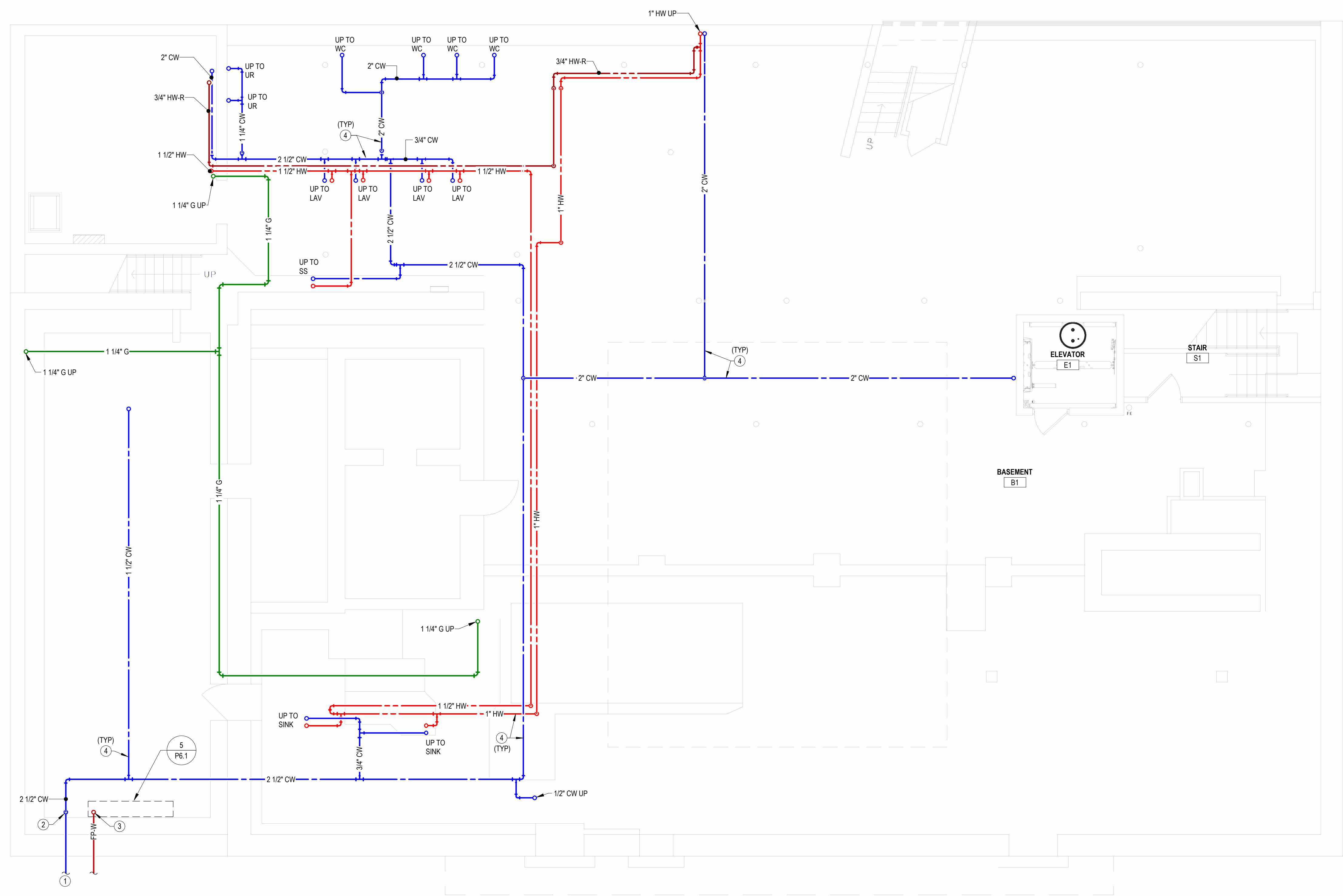
101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

REVISIONS:	
DATE:	3/20/2025
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- NOTES BY SYMBOL**
- 1 EXTEND WATER TO CITY MAIN. COORDINATE TAPPING AND METERING REQUIREMENTS WITH CITY OF SALINA.
 - 2 PROVIDE SHUT-OFF VALVE AND PRESSURE REDUCING VALVE SET TO 80 PSI, IF REQUIRED, IN WATER SERVICE RISER.
 - 3 FIRE SPRINKLER RISER. COORDINATE BUILDING SPRINKLER REQUIREMENTS WITH BAMFORD FIRE SPRINKLER CO.
 - 4 ROUTE ALL PIPING IN BASEMENT AS HIGH AS POSSIBLE TO MAXIMIZE HEADROOM. ROUTE BETWEEN AND THROUGH TRUSSES WHERE POSSIBLE. COORDINATE EXACT ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES.

ALTERNATE MATERIAL SIZE			
	Cross-linked polyethylene (PEX)	Polypropylene	
COPPER PIPE SIZE INDICATED	1/2"	1/2"	1/2"
	3/4"	3/4"	3/4"
	1"	1-1/4"	1-1/4"
	1-1/4"	1-1/2"	1-1/2"
	1-1/2"	2"	2"
	2"	2-1/2"	2-1/2"
	2-1/2"	3"	3"
	3"	3-1/2"	3-1/2"

Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.



1 BASEMENT DOMESTIC WATER PLAN
 P1.6 3/16" = 1'-0"

101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

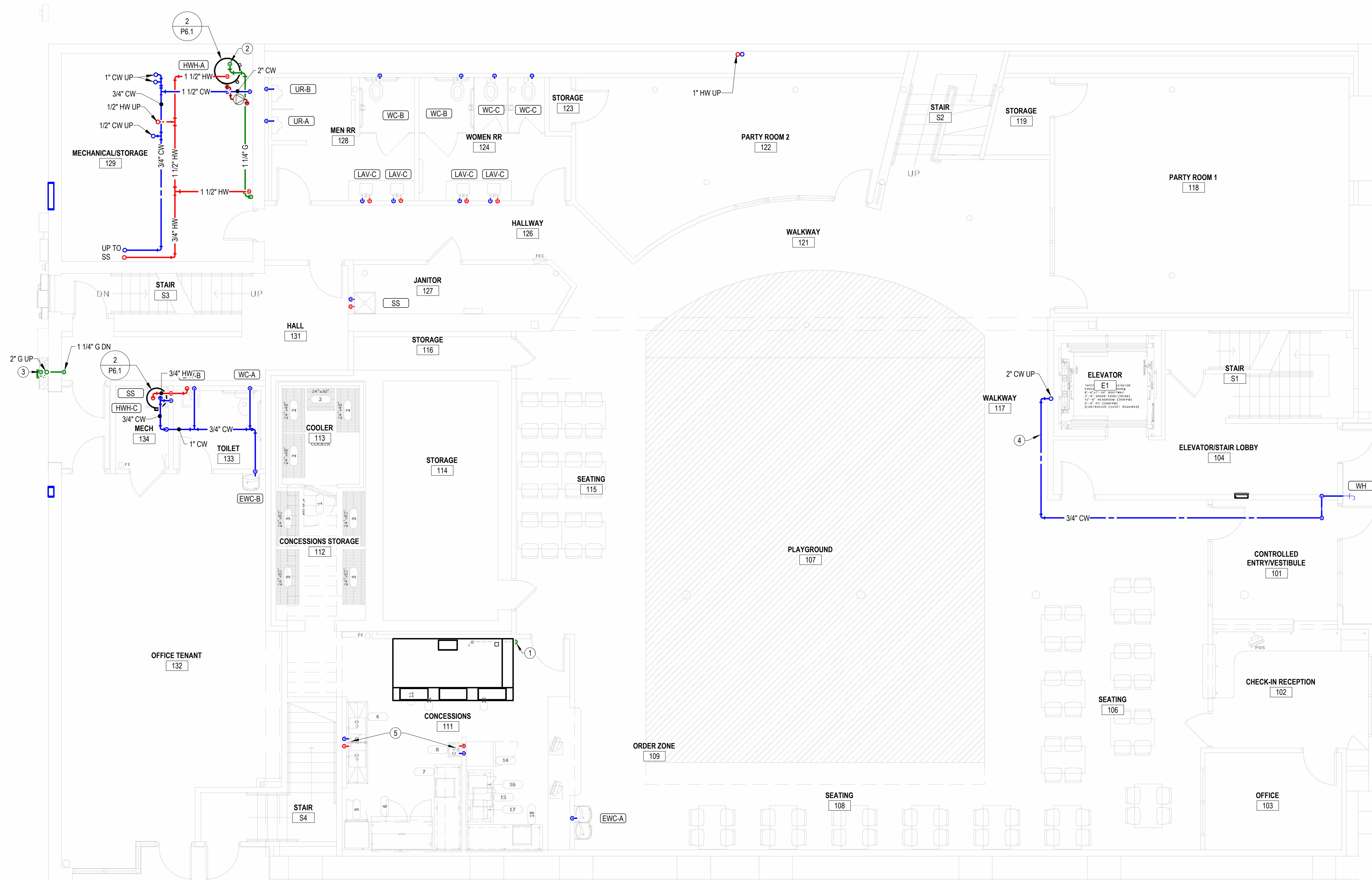
REVISIONS:

DATE: 3/20/2025
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- NOTES BY SYMBOL**
- 1 PROVIDE GAS SOLENOID VALVE INTERLOCKED WITH HOOD FIRE SUPPRESSION SYSTEM AND CONNECT GAS PIPING TO OVEN RANGE PROVIDED BY OTHERS. PROVIDE GAS COCK, UNION, AND DIRT LEG. COORDINATE EXACT CONNECTION REQUIREMENTS WITH KITCHEN EQUIPMENT SUPPLIER AND KITCHEN HOOD EQUIPMENT PROVIDED.
 - 2 CONNECT GAS TO WATER HEATER. PROVIDE GAS COCK, UNION, AND DIRT LEG.
 - 3 CONNECT 2" GAS PIPING AT DISCHARGE OF GAS METER AND REGULATOR PROVIDED BY KANSAS GAS SERVICE. TOTAL CONNECTED LOAD = 1200 CFH @ 7" W.C. COORDINATE EXACT REQUIREMENTS WITH KANSAS GAS SERVICE AND PAY ANY ASSOCIATED FEES.
 - 4 PROVIDE SHUT-OFF VALVE IN BRANCH SERVING WALL HYDRANT IN ACCESSIBLE LOCATION. PROVIDE ACCESS PANEL IF REQUIRED. COORDINATE EXACT REQUIREMENTS WITH ARCH. AND G.C.
 - 5 CONNECT SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.

COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE	
	Cross-linked polyethylene (PEX)	Polypropylene
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"
1-1/2"	2"	2"
2"	2-1/2"	2-1/2"
2-1/2"	3"	3"
3"	3-1/2"	3-1/2"

Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.



1 FIRST FLOOR DOMESTIC WATER PLAN
 P1.7 3/16" = 1'-0"

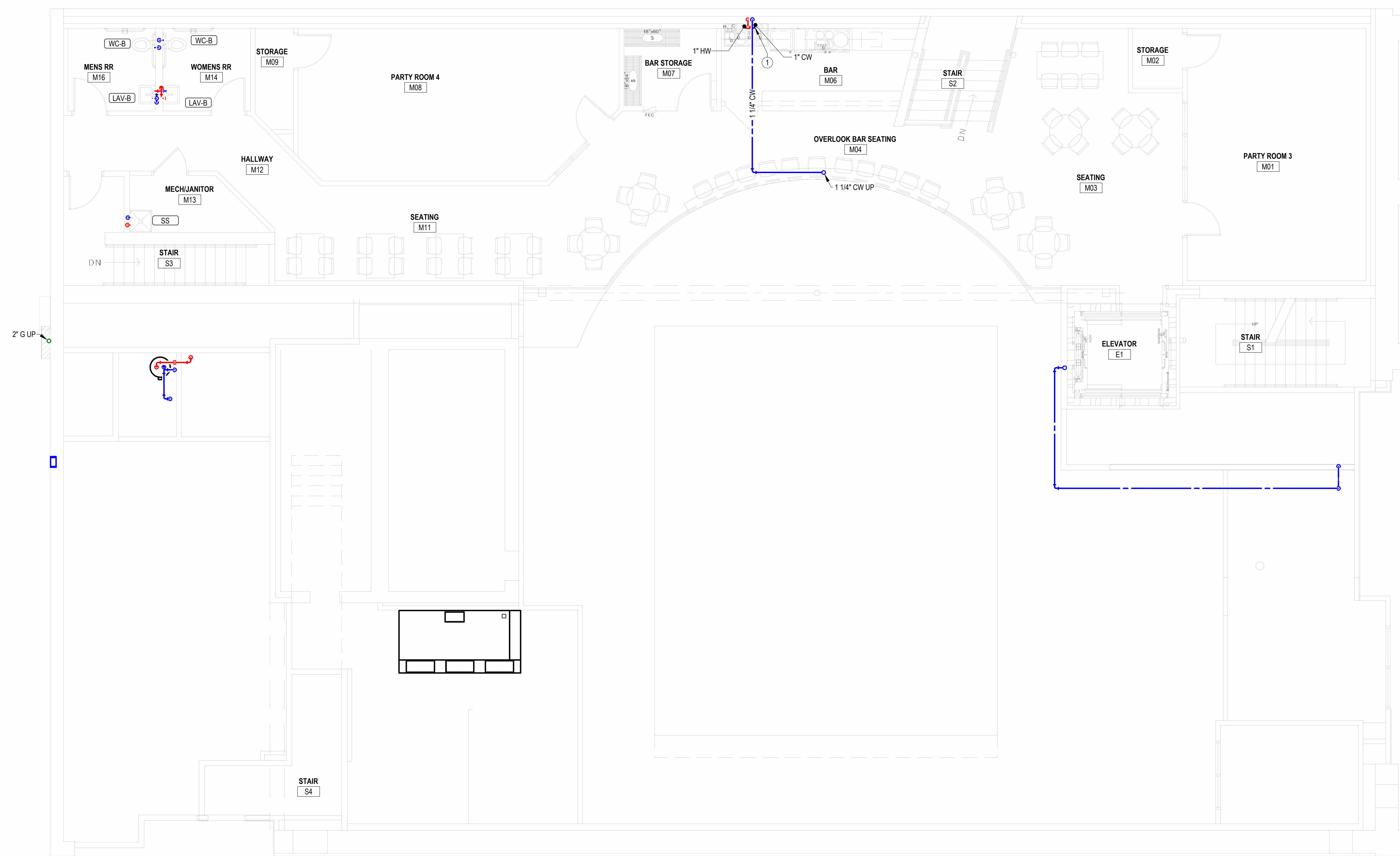
101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

REVISIONS:
 DATE: 3/20/2025
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NOTES BY SYMBOL
 1 CONNECT SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.

COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE	
	Cross-linked polyethylene (PEX)	Polypropylene
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"
1-1/2"	2"	2"
2"	2-1/2"	2-1/2"
2-1/2"	3"	3"
3"	3-1/2"	3-1/2"

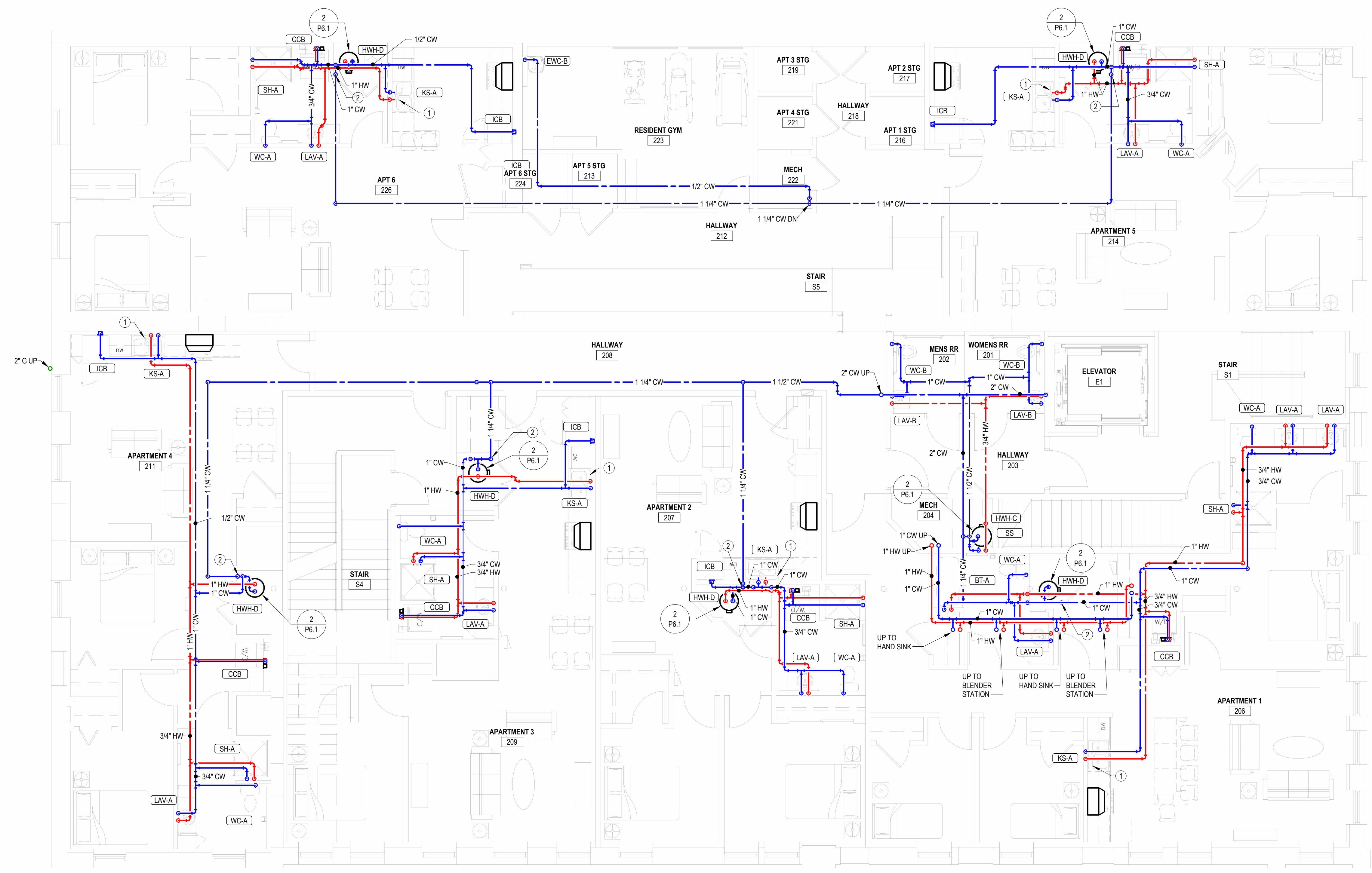
Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.



- NOTES BY SYMBOL**
- 1 PROVIDE 1/2" VALVED HW BRANCH BELOW SINK AND CONNECT DISHWASHER. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED BY OTHERS.
 - 2 PROVIDE 1-1/4" WATER SERVICE TO EACH APARTMENT WITH SHUT-OFF VALVE IN ACCESSIBLE LOCATION IN MECHANICAL CLOSET.

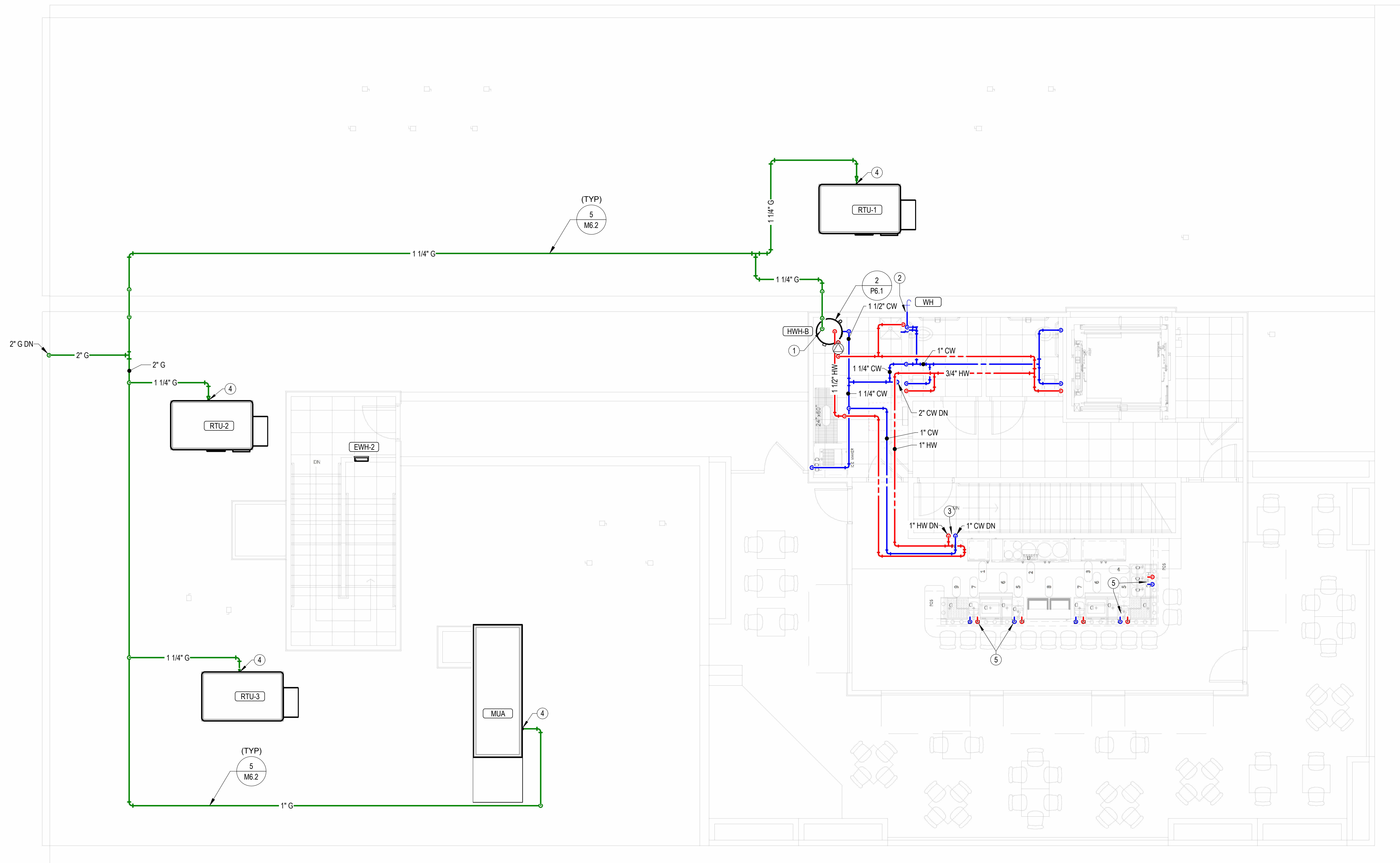
ALTERNATE MATERIAL SIZE		
	Cross-linked polyethylene (PEX)	Polypropylene
COPPER PIPE SIZE INDICATED	1/2"	1/2"
	3/4"	3/4"
	1"	1-1/4"
	1-1/4"	1-1/2"
	1-1/2"	2"
	2"	2-1/2"
	2-1/2"	3"
3"	3-1/2"	3-1/2"

Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall be as indicated above. Where no pipe size is shown, use of indicated material in design pipe size is prohibited. Do not use materials other than those listed.



101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

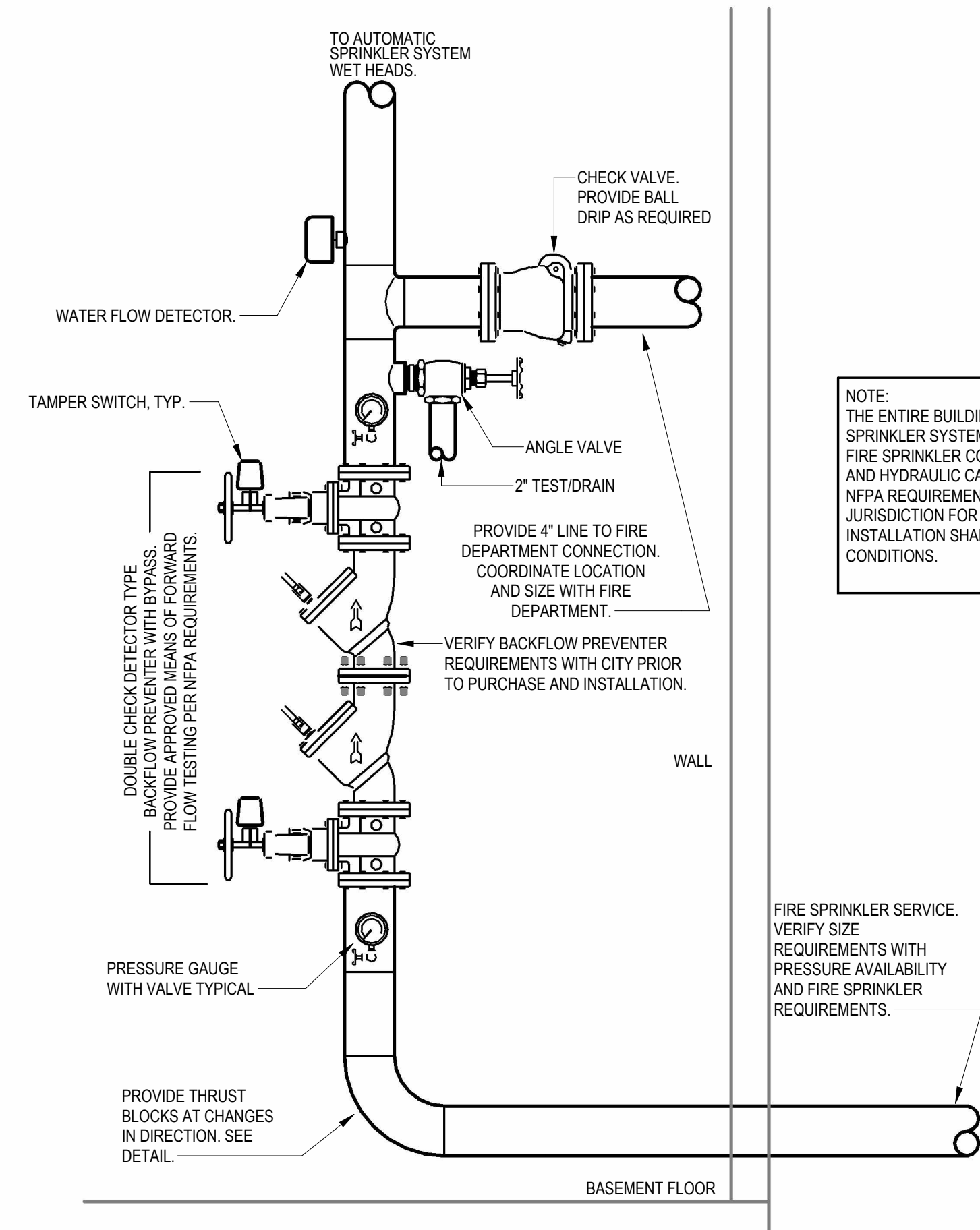
- NOTES BY SYMBOL**
- 1 CONNECT GAS TO WATER HEATER. PROVIDE GAS COCK, UNION, AND DIRT LEG.
 - 2 PROVIDE SHUT-OFF VALVE IN BRANCH SERVING WALL HYDRANT IN ACCESSIBLE LOCATION. PROVIDE ACCESS PANEL IF REQUIRED. COORDINATE EXACT REQUIREMENTS WITH ARCH. AND G.C.
 - 3 ROUTE HOT WATER AND COLD WATER PIPING DOWN IN WALL AND BELOW FLOOR TO FIXTURES AT BAR. SEE 2ND FLOOR PLAN FOR CONTINUATION.
 - 4 CONNECT GAS TO ROOF TOP UNIT. PROVIDE GAS COCK, UNION, AND DIRT LEG.
 - 5 CONNECT SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.



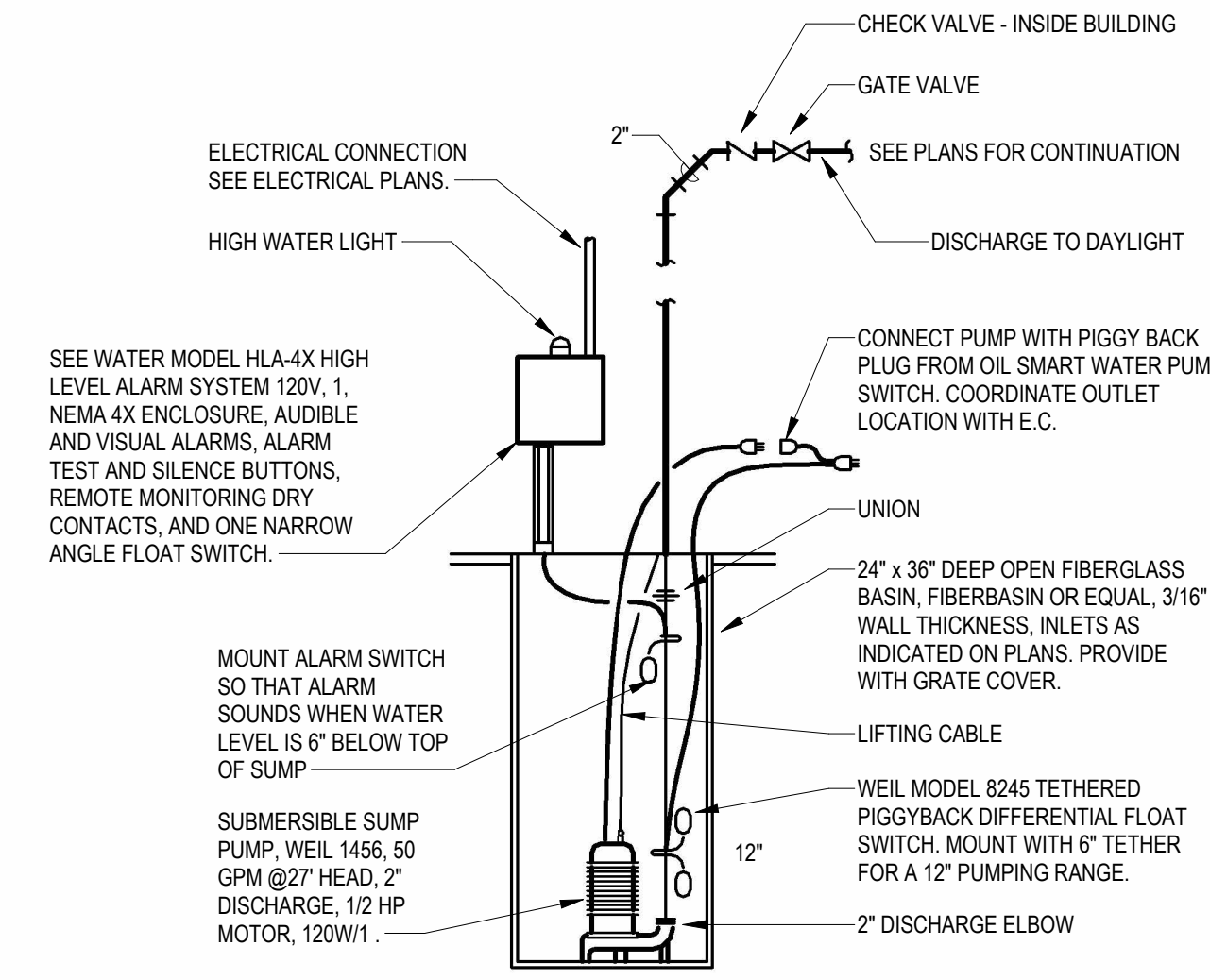
1 ROOF DOMESTIC WATER PLAN
 P1.10 3/16" = 1'-0"

101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

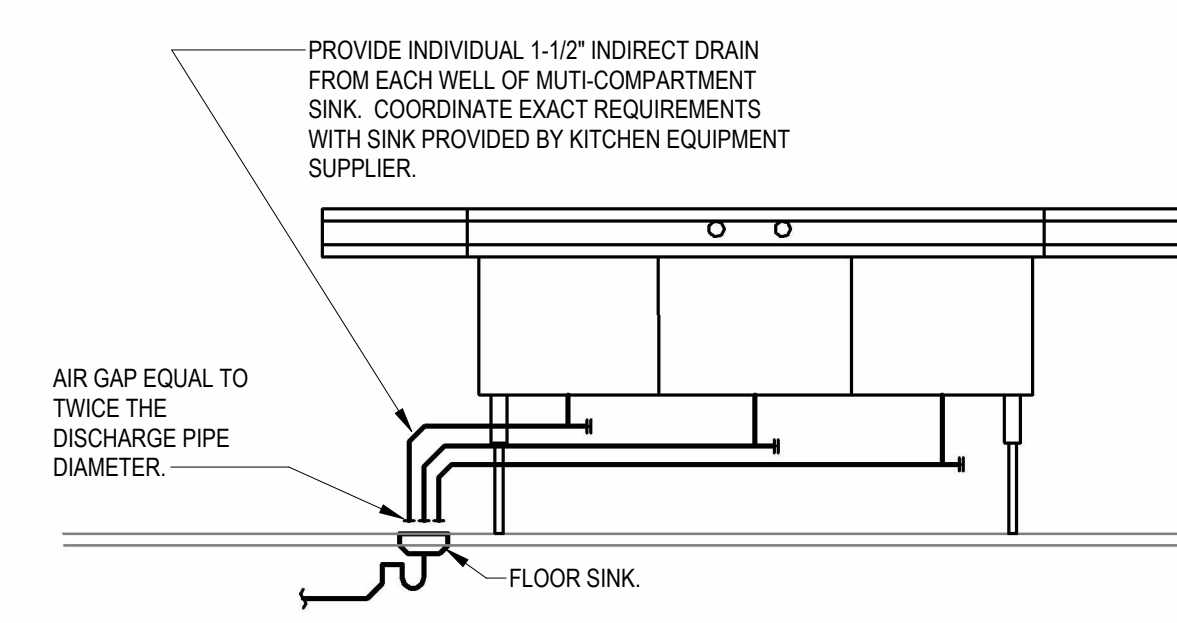
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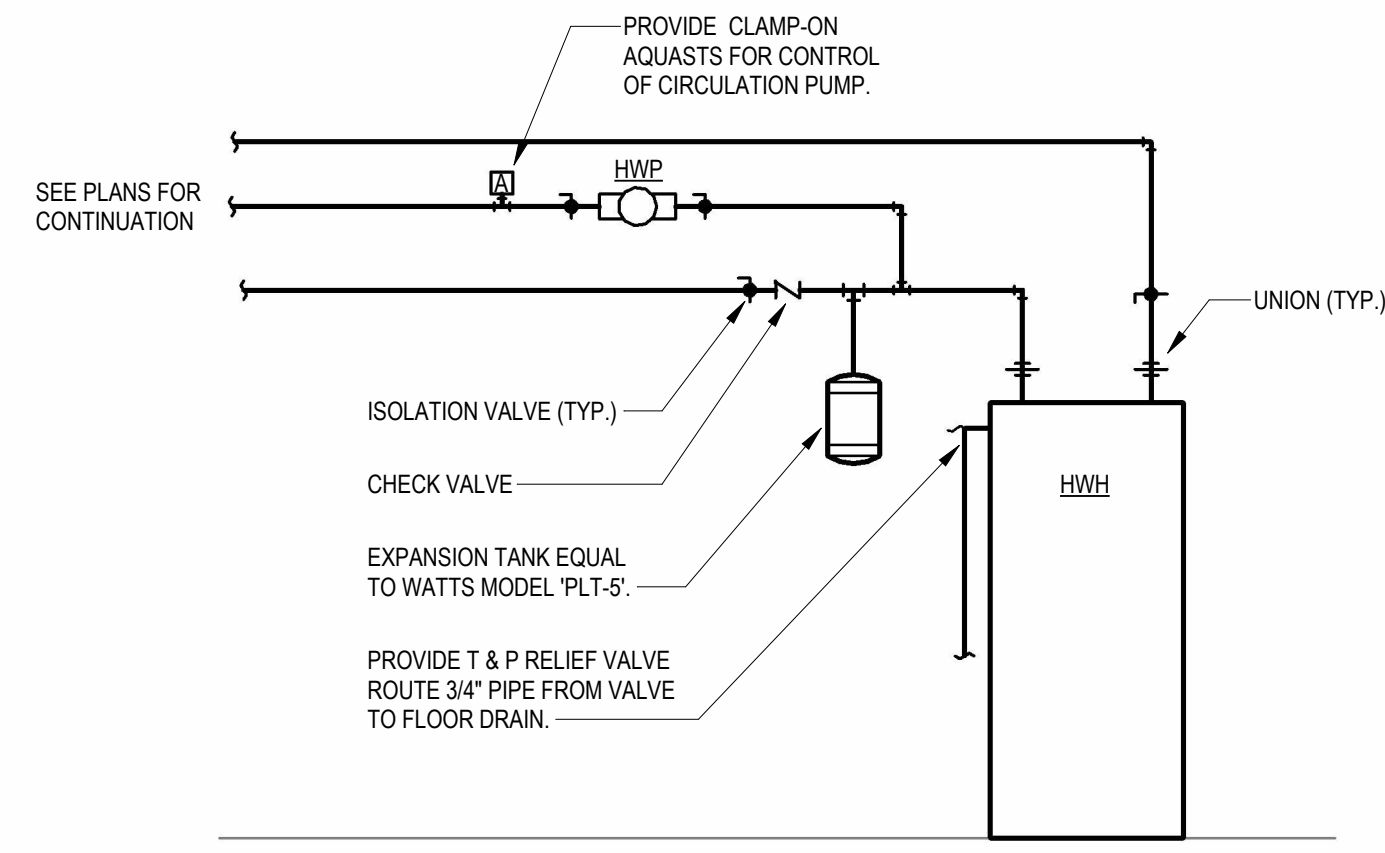
5 FIRE PROTECTION RISER DIAGRAM
 P6.1 NO SCALE



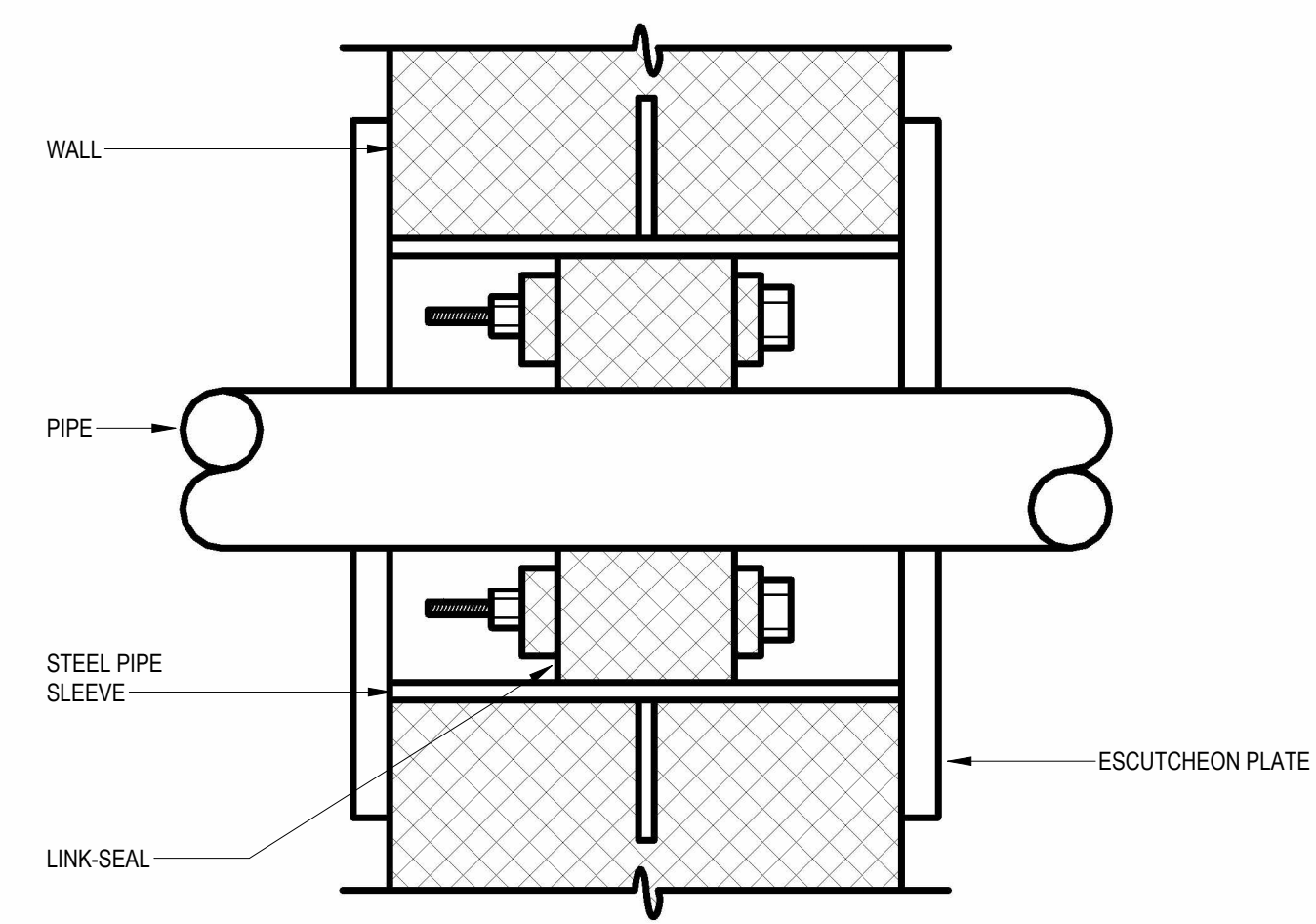
4 ELEVATOR SUMP PUMP
 P6.1 NO SCALE



3 MULTI-COMPARTMENT SINK DETAIL
 P6.1 NO SCALE



2 WATER HEATER PIPING DIAGRAM
 P6.1 NO SCALE



1 TYPICAL EXTERIOR WALL PIPE PENETRATION DETAIL
 P6.1 NO SCALE

LINK-SEAL FOR COPPER PIPE		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
1/2" - 1" & 1-1/2" - 2-1/2"	1" LARGER THAN PIPE O.D.	LS-275-C
1-1/4" & 3"	1" LARGER THAN PIPE O.D.	LS-315-C
4"	1-1/2" LARGER THAN PIPE O.D.	LS-340-C
LINK-SEAL FOR CAST IRON-GLASS "A"		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
2"	1-1/2" LARGER THAN PIPE O.D.	LS-315-C
3"	1-1/2" LARGER THAN PIPE O.D.	LS-360-C
4"-6"	3" LARGER THAN PIPE O.D.	LS-315-C
LINK-SEAL FOR STEEL AND PLASTIC PIPE		
PIPE SIZES	SLEEVE OPENING SIZE	SIZE
1/2" - 1-1/2"	1" LARGER THAN PIPE O.D.	LS-275-C
2"	1-1/2" LARGER THAN PIPE O.D.	LS-200-C
3"	1-1/2" LARGER THAN PIPE O.D.	LS-360-C
4"-8"	2" LARGER THAN PIPE O.D.	LS-315-C

PLUMBING FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	PRODUCT DESCRIPTION	TRIM	ROUGH-IN SIZES			COLD	HOT	ADA COMPLIANT	NOTES
					DRAIN	VENT	WATER				
BT-A	AQARIUS	MODEL A6000TS OT 2P	CAST ACRYLIC TUB/SHOWER, 60"W X33-3/4"D X78"H, WITH INTEGRAL SOAP/DIAPHERY SHELVES, RIGHT OR LEFT HAND ROUGH-IN AS REQUIRED, WHITE FINISH. PROVIDE WITH BLOCKING FOR FUTURE GRAB BARS AND SEAT.	DELTA MODEL R10000-UNWS13H232 SINGLE HANDLE PRESSURE-BALANCING VALVE WITH METAL TUB FILLER WITH PULL DIVERTER, PUSH-CLEAN SHOWERHEAD AND POP-UP DRAIN WITH OVERFLOW.	2"	1 1/2"	12"	Yes	Yes	No	
CCB	SIoux CHIEF	696-2313	RECESSED WASHING MACHINE BOX WITH 2" PVC/ABS DRAIN COUPLING AND KNOCKOUT TEST CAP. TWO 1/4 TURN BALL VALVES WITH HAMMER ARRESTORS.		2"	1 1/2"	12"	Yes	Yes		
EW-C-A	MURDOCK	A172100F-UG-BF12	DUAL LEVEL SELF-CONTAINED WATER COOLER WITH STAINLESS STEEL BASIN, FRONT PUSH BUTTON ACTUATORS, SENSOR OPERATED BOTTLE FILLER, LEAD-FREE COOLING SYSTEM, 120 VOLTS.		2"	1 1/2"	12"	Yes	No	Yes	
EW-C-B	MURDOCK	A171108F-UG-BF12	SELF-CONTAINED WATER COOLER WITH STAINLESS STEEL BASIN, FRONT PUSH BUTTON ACTUATOR, SENSOR OPERATED BOTTLE FILLER, LEAD-FREE COOLING SYSTEM, 120 VOLTS.		2"	1 1/2"	12"	Yes	No	Yes	
FD-A	SIoux CHIEF	833	ADJUSTABLE FLOOR DRAIN WITH NICKEL BRONZE STRAINER. PROVIDE PROSET TRAP PROTECTION DEVICE.		2"	2"					
FD-B	SIoux CHIEF	822	ADJUSTABLE FLOOR DRAIN WITH DECK FLANGE AND NICKEL BRONZE STRAINER. PROVIDE PROSET TRAP PROTECTION DEVICE.		2"	2"					
ICB	SIoux CHIEF	696-G1010	ICE MAKER CONNECTION BOX WITH 1/4 TURN BALL VALVE AND INTEGRAL HAMMER ARRESTOR.		0"	0"	12"	Yes	No		
KS-A	JUST	DLADA1829A65-J	TWO COMPARTMENT 18 GA STAINLESS STEEL SINK, SELF RIMMING, (2) 12"x12"x6-3/8"D BOWLS, FULLY UNDERCOATED, FAUCET HOLES AS REQ.	DELTA MODEL 400-HDF SINGLE HANDLE KITCHEN SINK FAUCET WITH HOSE SPRAY ATTACHMENT, CHROME FINISH. PROVIDE BASKET STRAINER.	2"	1 1/2"	12"	Yes	Yes	Yes	
LAV-A	AMERICAN STANDARD	0476.028	SELF-RIMMING LAVATORY, WHITE VITREOUS CHINA, 20"W X 17", FAUCET HOLES ON 4" CENTERS.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	12"	Yes	Yes	Yes	
LAV-B	AMERICAN STANDARD	0355.012	WALL HUNG LAVATORY, WHITE VITREOUS CHINA, 21-1/4"W X 18-1/4", FRONT OVERFLOW, FAUCET HOLES ON 4" CENTERS.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	12"	Yes	Yes	Yes	
LAV-C	AMERICAN STANDARD	0476.028	SELF-RIMMING LAVATORY, WHITE VITREOUS CHINA, 20"W X 17", FAUCET HOLES ON 4" CENTERS.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	12"	Yes	Yes	Yes	
SH-A	AQUATIC	13636FHARRF	CAST ACRYLIC SHOWER, 36" SQUARE INSIDE, REAR MOLDED SOAP SHELF, PROVIDE WITH BACKING PER ANSI A 117.1 STANDARDS. PROVIDE WITH BRASS DRAIN WITH CHROME STRAINER.	DELTA MODEL R10000-UNWS13H132 PRESSURE-BALANCING VALVE WITH INTEGRAL TEMPERATURE LIMITS, SINGLE METAL LEVER HANDLE, WITH 1.5 GPM SHOWER HEAD AND ARM.	2"	1 1/2"	12"	Yes	Yes	No	
SS	FIAT	MSB-2424	ONE PIECE MOLDED STONE MOP BASIN, 24" SQUARE, STAINLESS STEEL INTEGRAL DRAIN BODY WITH CAULK CONNECTION, STAINLESS STEEL WALL GUARDS.	CHICAGO FAUCET MODEL 897-CPP FAUCET WITH HOSE THREAD OUTLET, VACUUM BREAKER SPOUT, PAL HOOK, WALL BRACE, INTEGRAL CHECK VALVES, METAL LEVER HANDLES.	3"	1 1/2"	34"	Yes	Yes	No	
UR-A	AMERICAN STANDARD	6002.001	WALL HUNG URINAL, VITREOUS CHINA, 3/4" TOP SPUD, ELONGATED FLUSHING RIM, WASH-DOWN FLUSHING ACTION. MOUNT WITH RIM AT 17" AFF.	0.125 GPF PISTON TYPE MANUAL CHROME PLATED FLUSH VALVE.	2"	2"	34"	Yes	No	Yes	
UR-B	AMERICAN STANDARD	6002.001	WALL HUNG URINAL, VITREOUS CHINA, 3/4" TOP SPUD, ELONGATED FLUSHING RIM, WASH-DOWN FLUSHING ACTION. MOUNT WITH RIM AT 24" AFF.	0.125 GPF PISTON TYPE MANUAL CHROME PLATED FLUSH VALVE.	2"	2"	34"	Yes	No	No	
WC-A	AMERICAN STANDARD	215AA.104	FLUSH TANK WATER CLOSET, WHITE VITREOUS CHINA, 3" FLUSH VALVE, 12" ROUGH-IN, ELONGATED 16-1/2" HIGH BOWL.	WHITE OPEN FRONT SOFT CLOSE PLASTIC SEAT	4"	2"	12"	Yes	No	Yes	
WC-B	AMERICAN STANDARD	3043.001	FLOOR MOUNTED FLUSH VALVE WATER CLOSET, WHITE VITREOUS CHINA, TOP SPUD 1.28 GPF, 12" ROUGH-IN, ELONGATED 16-1/2" HIGH BOWL.	1.28 GPF PISTON TYPE MANUAL CHROME PLATED FLUSH VALVE / WHITE OPEN FRONT SOFT CLOSE PLASTIC SEAT	4"	2"	1"	Yes	No	Yes	
WC-C	AMERICAN STANDARD	2234.001	FLOOR MOUNTED FLUSH VALVE WATER CLOSET, WHITE VITREOUS CHINA, TOP SPUD 1.28 GPF, 12" ROUGH-IN, ELONGATED 15" HIGH BOWL.	1.28 GPF PISTON TYPE MANUAL CHROME PLATED FLUSH VALVE / WHITE OPEN FRONT SOFT CLOSE PLASTIC SEAT	4"	2"	1"	Yes	No	No	
WH	WOODFORD	B67	AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH ASSE 1052 DOUBLE CHECK BACKFLOW PREVENTOR, LOOSE TEE KEY HANDLE, WITH RECESSED BOX WITH DOOR. PROVIDE WITH CHROME PLATED EXTERIOR FINISH.				34"	Yes	No	No	

GENERAL:
 * PROVIDE FIXTURES WITH ALL TRIM NECESSARY FOR COMPLETE INSTALLATION

NOTES:
 1. FIXTURE AND INSTALLATION TO MEET REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT.
 2. PROVIDE 1/4 TURN ANGLE STOPS WITH ESCUTCHEON PLATES, AND CHROME PLATED OR BRAIDED STAINLESS STEEL SUPPLIES, AND 1-1/4" CAST BRASS P-TRAP.
 3. INSULATE WATER AND WASTE PIPING BELOW LAVATORY. UTILIZE INSULATION KIT EQUIVALENT TO LAVGUARD BY TRUEBRO.
 4. TRIM SHALL BE PROVIDED WITH POLISHED CHROME FINISH.
 5. PROVIDE CAST IRON CLOSET CARRIER OR SUPPORT SYSTEM WITH FEET ANCHOR BOLTED TO FLOOR.
 6. INSTALL WITH SPOUT AT 30" AFF.
 7. PROVIDE WALL HUNG PLATFORM FOR WATER HEATER EQUAL TO HOLDRITE #50-SWHP-W-C. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH ARCHITECT.
 8. FIXTURE AND INSTALLATION TO MEET REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT FOR WATER CLOSETS FOR AGES 5 THROUGH 8.

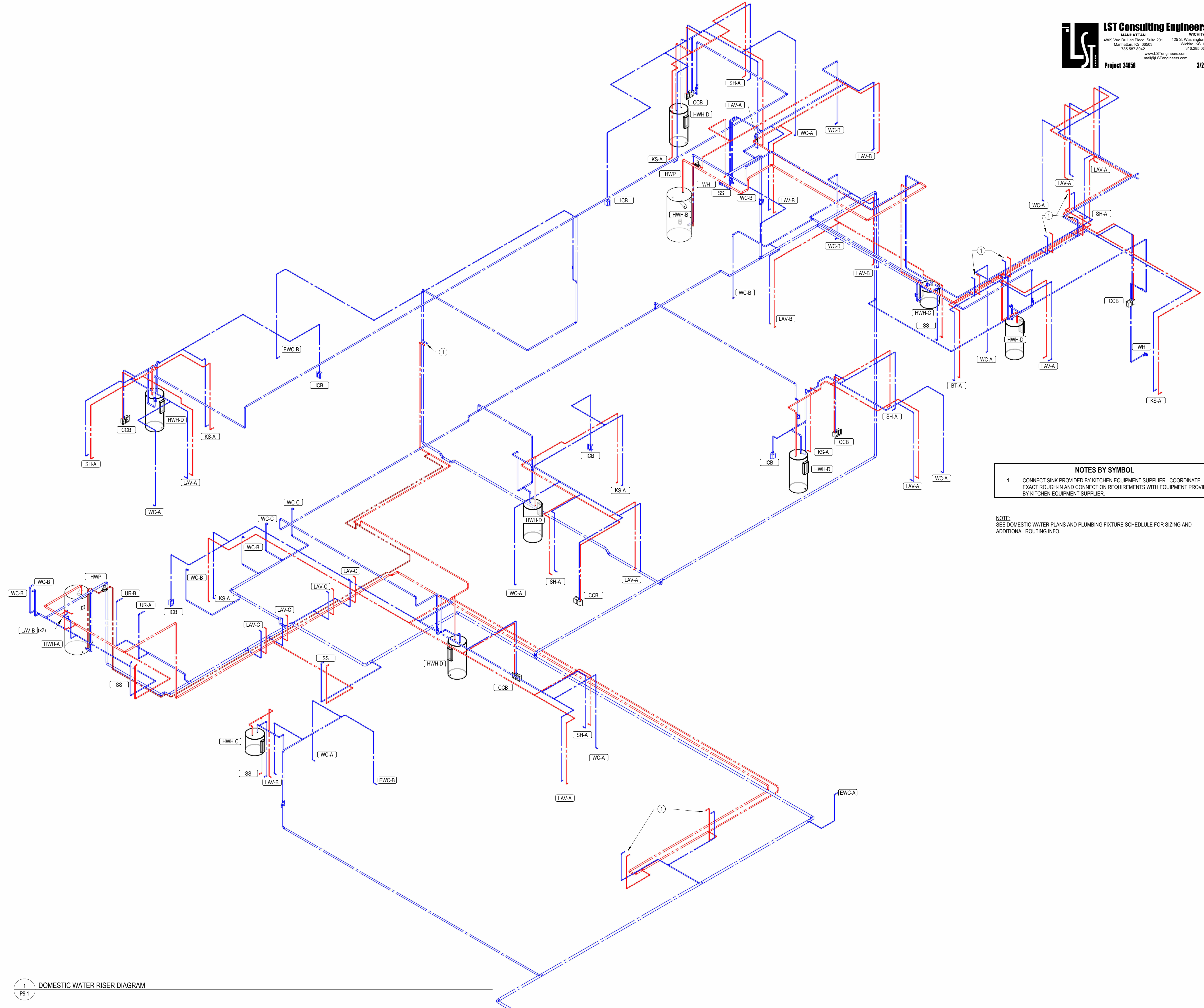
DOMESTIC WATER EQUIPMENT SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION	Notes
HWH-A	AO Smith	BTH-199	Model BTH-199, 100 gallon 97% efficient gas water heater, direct vent, 199,000 BTUH input, 235 GPH recovery @ 100 deg. temp rise. Supplied with temperature and pressure relief valve and brass drain valve. Provide with manufacturer's concentric vent kit.	2
HWH-B	AO Smith	BTH-120	Model BTH-120, 100 gallon 95% efficient gas water heater, direct vent, 120,000 BTUH input, 138 GPH recovery @ 100 deg. temp rise. Supplied with temperature and pressure relief valve and brass drain valve. Provide with manufacturer's concentric vent kit.	2
HWH-C	AO Smith	DEL-20	20 Gallon electric water heater, 1500 watts, 120v heating element, 6 GPH recovery @ 100°F temp rise. Supplied with temperature and pressure relief valve and brass drain valve.	1
HWH-D	AO Smith	DEN-40	40 Gallon electric water heater, 0.92 UEF, 4500 watts, 240v heating element, 18 GPH recovery @ 100°F temp rise. Supplied with temperature and pressure relief valve and brass drain valve.	
HWP	Bell & Gossett	NBF-36	Domestic water circulation pump, bronze body, 10 gpm @ 10' head, 120V AC. Provide clamp on aquastat for control.	

NOTES:
 1. Provide wall hung platform equal to Holdrite #50-SWHP-W-C. Coordinate exact location and mounting height with Arch. and G.C.
 2. Provide manufacturer's concentric vent wall termination.

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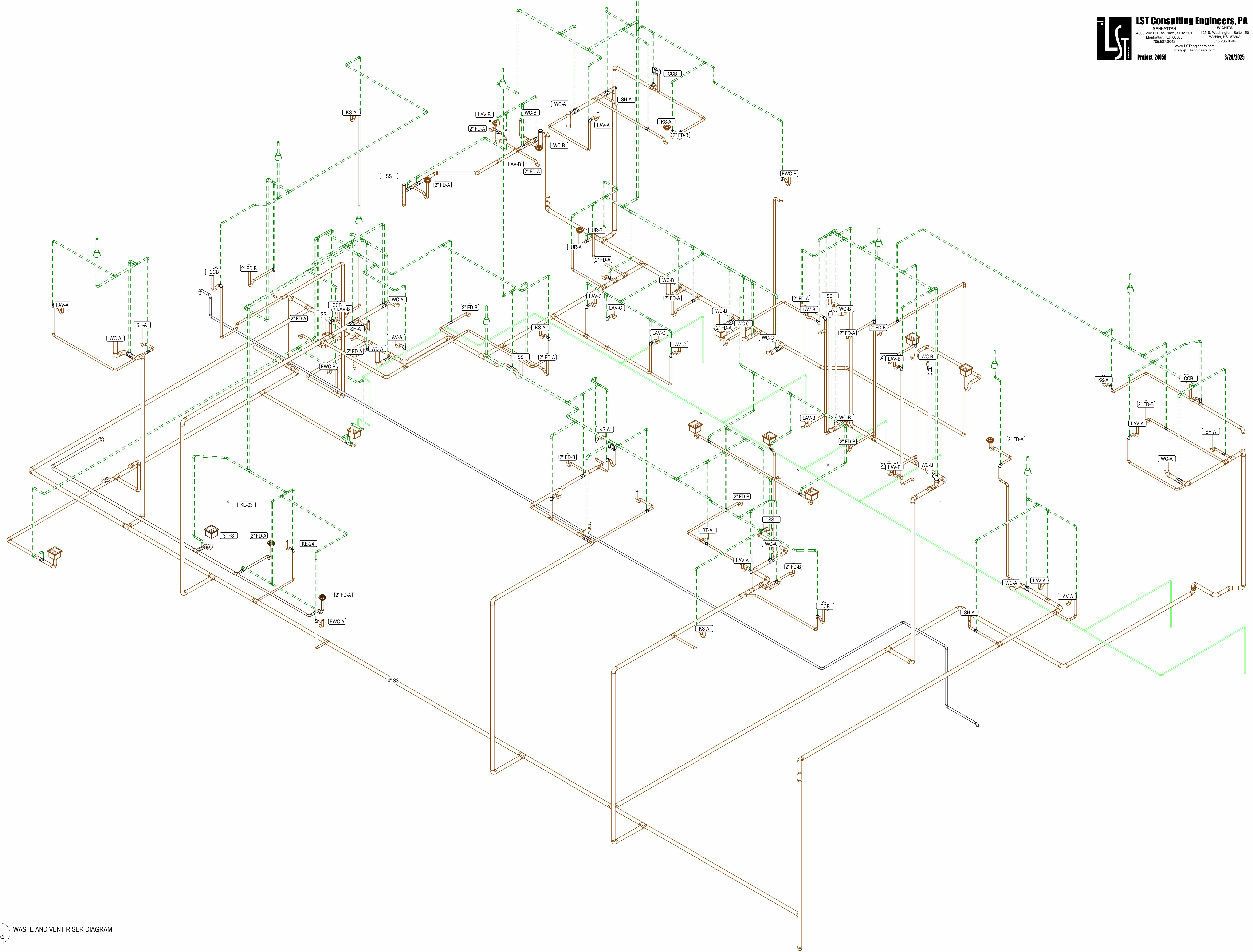


NOTES BY SYMBOL
 1 CONNECT SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. COORDINATE EXACT ROUGH-IN AND CONNECTION REQUIREMENTS WITH EQUIPMENT PROVIDED BY KITCHEN EQUIPMENT SUPPLIER.

NOTE:
 SEE DOMESTIC WATER PLANS AND PLUMBING FIXTURE SCHEDULE FOR SIZING AND ADDITIONAL ROUTING INFO.

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REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

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NOTES BY SYMBOL
 1 INSTALL LUMINAIRE ON WALL OF ELEVATOR PIT. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER. INSTALL LIGHT SWITCH ADJACENT TO PIT LADDER AT 48" ABOVE FLOOR LANDING.



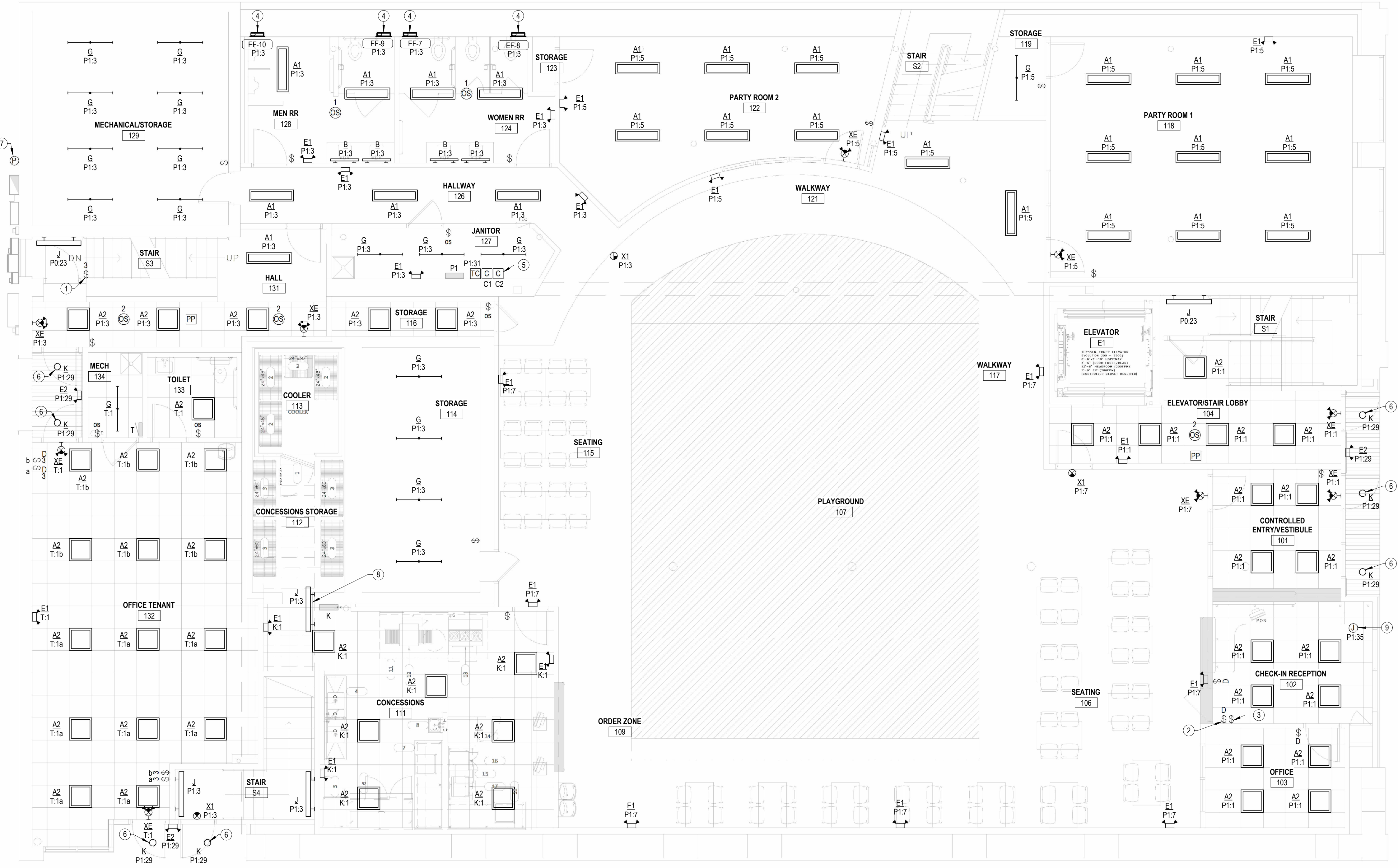
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- NOTES BY SYMBOL**
- 1 LIGHT SWITCH FOR CONTROL OF BASEMENT LIGHTS.
 - 2 LIGHT SWITCH FOR CONTROL OF PLAYGROUND LIGHTS.
 - 3 LIGHT SWITCH FOR CONTROL OF HALLWAY 126 AND WALKWAY 121.
 - 4 SWITCH EXHAUST FAN WITH ROOM LIGHTS.
 - 5 EXTERIOR LIGHTING CONTROLS. SEE DETAIL 2, THIS SHEET FOR MORE INFORMATION.
 - 6 ROUTE CIRCUIT THROUGH CONTACTOR 'C1' IN JANITOR 127.
 - 7 PHOTOCELL FOR CONTROL OF EXTERIOR LIGHTS. SEE DETAIL 2, THIS SHEET FOR MORE INFORMATION.
 - 8 INSTALL FIXTURE ABOVE INTERMEDIATE LANDING OF STAIR S4.
 - 9 PROVIDE JUNCTION BOX AND 120V CIRCUIT ABOVE CEILING FOR FUTURE EXTERIOR BUILDING SIGN. ROUTE CIRCUIT THROUGH CONTACTOR 'C2'. SEE DETAIL 2, SHEET E1.2.

2 EXTERIOR LIGHTING CONTROL DIAGRAM
 NO SCALE

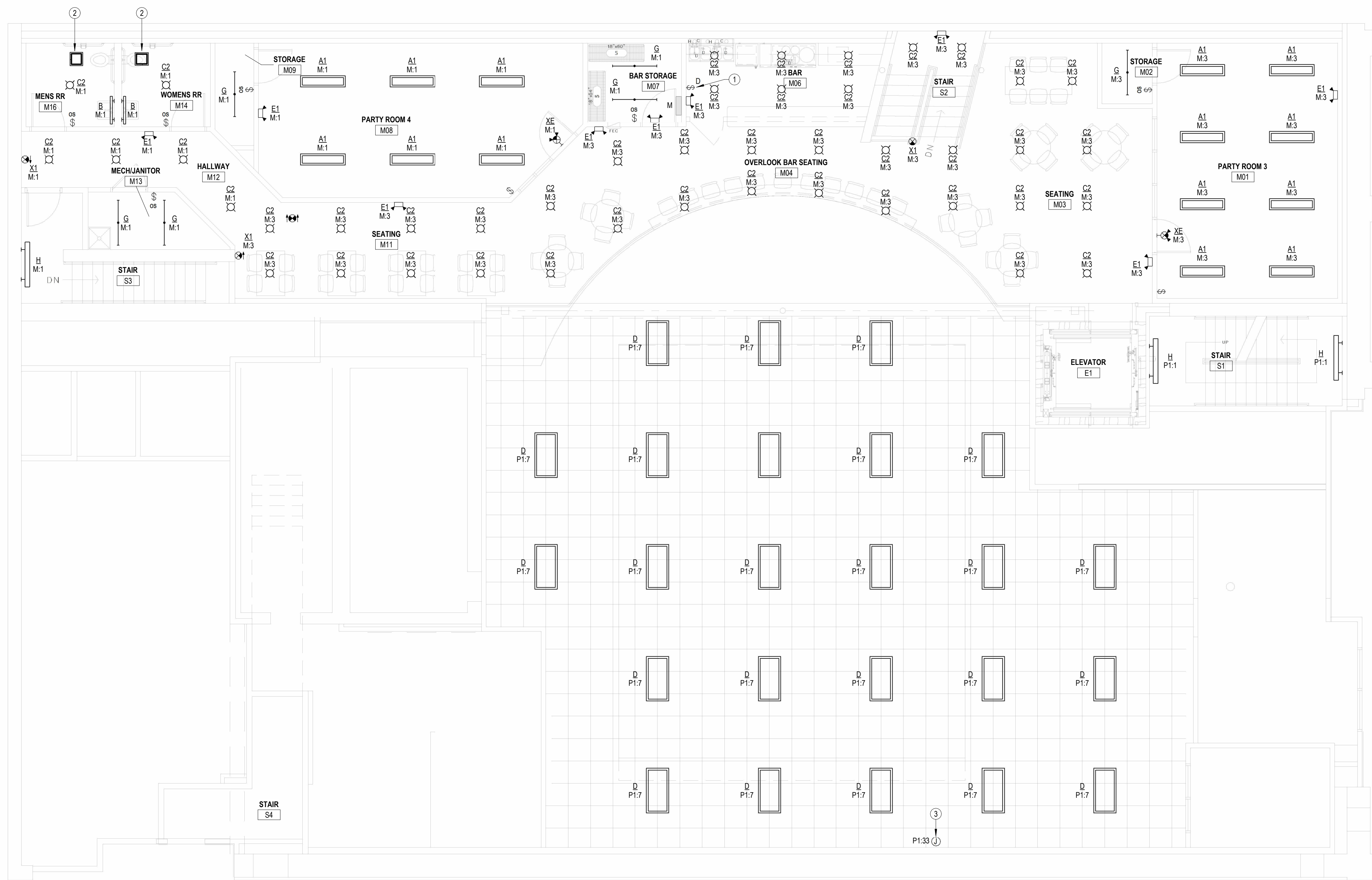


1 1ST FLOOR LIGHTING PLAN
 3/16" = 1'-0"

101 N. SANTA FE AVE.
 REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA, KANSAS

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- NOTES BY SYMBOL**
- 1 LIGHT SWITCH FOR CONTROL OF MEZZANINE STAIR, HALLWAY, SEATING, AND BAR LIGHTING.
 - 2 SWITCH EXHAUST FAN WITH ROOM LIGHTS.
 - 3 PROVIDE JUNCTION BOX AND 120V CIRCUIT ABOVE CEILING FOR FUTURE EXTERIOR BUILDING SIGN. ROUTE CIRCUIT THROUGH CONTACTOR 'C2'. SEE DETAIL 2, SHEET E1.2.

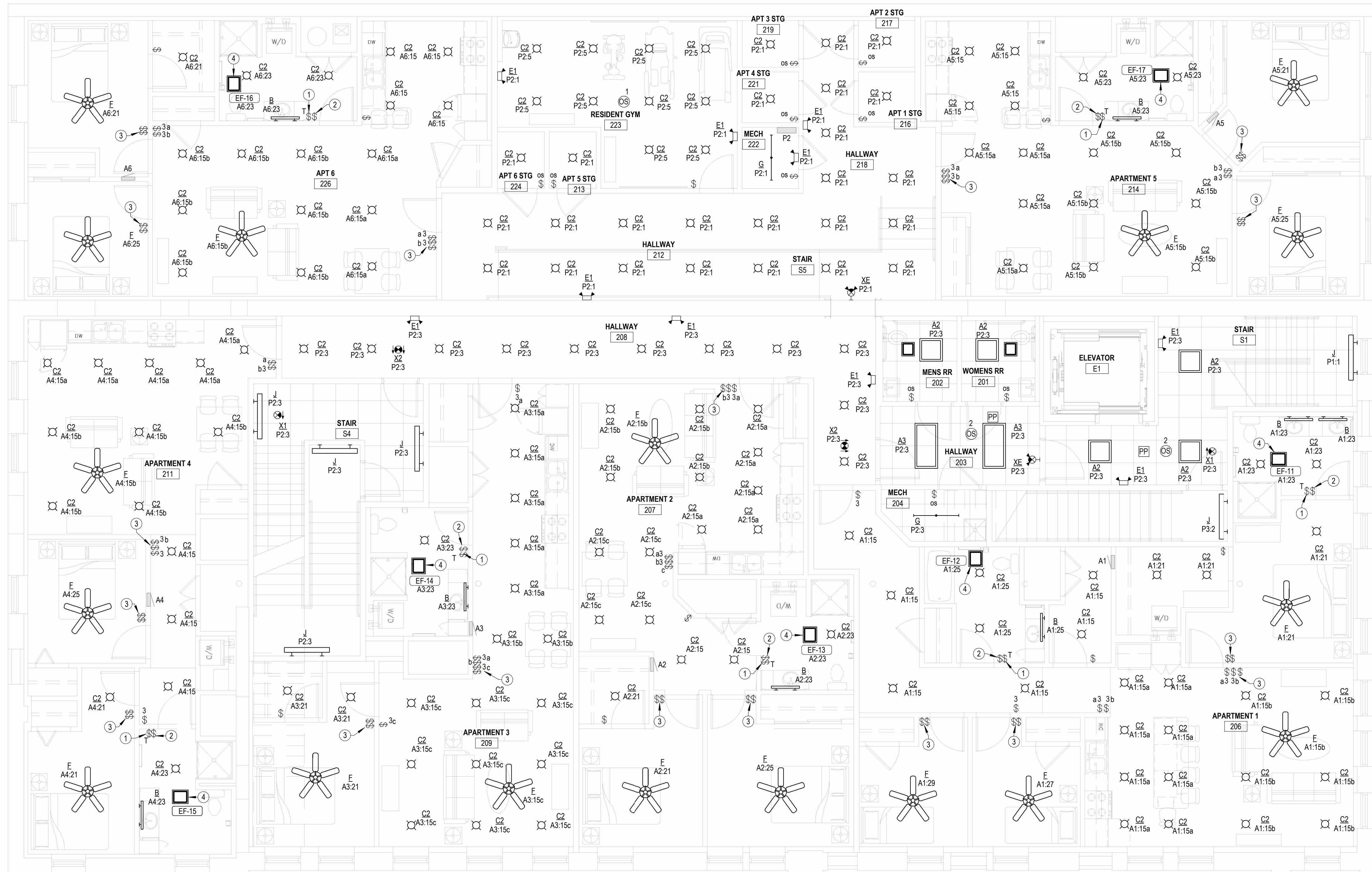


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REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

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1 MEZZANINE LIGHTING PLAN
 E1.3 3/16" = 1'-0"

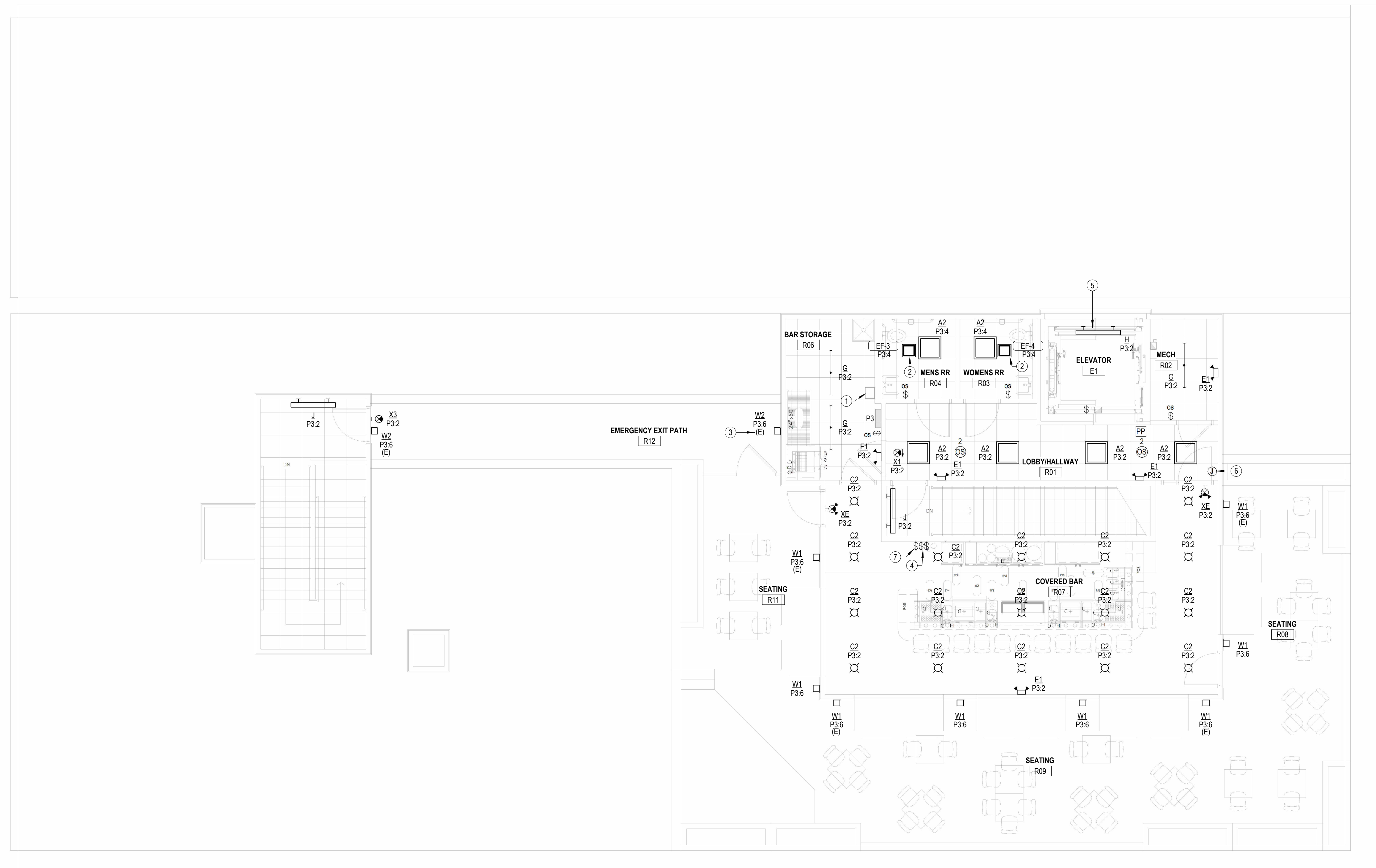
- NOTES BY SYMBOL**
- 1 PROVIDE TIMER SWITCH EQUAL TO AIR CYCLER 'SMART EXHAUST' FOR CONTROL OF EXHAUST FAN. SET SWITCH PER MANUFACTURER'S INSTRUCTIONS TO OPERATE FAN AS INDICATED BELOW AND COORDINATE WITH M.C.:
 APARTMENT 1: 27 MINUTES PER HOUR (x2 FANS)
 APARTMENTS 2,4,5,6: 39 MINUTES PER HOUR
 APARTMENT 3: 31 MINUTES PER HOUR
 - 2 SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
 - 3 SWITCH CEILING FAN AND LIGHT SEPARATELY.
 - 4 CONNECT EXHAUST FAN PROVIDED BY MECHANICAL CONTRACTOR.



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- NOTES BY SYMBOL**
- 1 PROVIDE CENTRAL LIGHTING INVERTER TO PROVIDE 12 VAC POWER TO EXTERIOR LUMINAIRES FOR 90 MINUTES UPON LOSS OF NORMAL POWER. INVERTER SHALL BE 120V IN / 120V OUT, WITH 185 VA CAPACITY, AND SHALL BE CAPABLE OF 'NORMALLY ON', 'NORMALLY OFF', OR 'SWITCHED' LOADS AND SHALL BE UL 924 LISTED. INTEGRAL BATTERY SHALL HAVE SELF-DIAGNOSTICS AND COME WITH 3 YEAR FULL AND 7 YEAR PRO-RATED WARRANTY. EQUAL TO BODINE EL-S-185. WIRE UNIT FOR SWITCHED OPERATION TO ALLOW FOR LUMINAIRE CONTROL VIA SWITCH IN BAR AREA.
 - 2 SWITCH EXHAUST FAN WITH ROOM LIGHTS.
 - 3 EXTERIOR FIXTURES DENOTED WITH (E) SHALL BE CONNECTED TO LIGHTING INVERTER TO ALLOW EMERGENCY OPERATION.
 - 4 PROVIDE SWITCHES FOR BAR LIGHTING AND EXTERIOR PATIO LIGHTING.
 - 5 INSTALL LUMINAIRE ON WALL OF ELEVATOR HOIST WAY. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER. INSTALL LIGHT SWITCH ADJACENT TO HOISTWAY LADDER AT 48" ABOVE FLOOR LANDING.
 - 6 PROVIDE JUNCTION BOX AND 120V CIRCUIT ABOVE CEILING FOR FUTURE EXTERIOR BUILDING SIGN. CONTROL VIA WALL SWITCH AT BAR AREA.
 - 7 LIGHT SWITCH FOR CONTROL OF FUTURE BUILDING SIGN CIRCUIT.

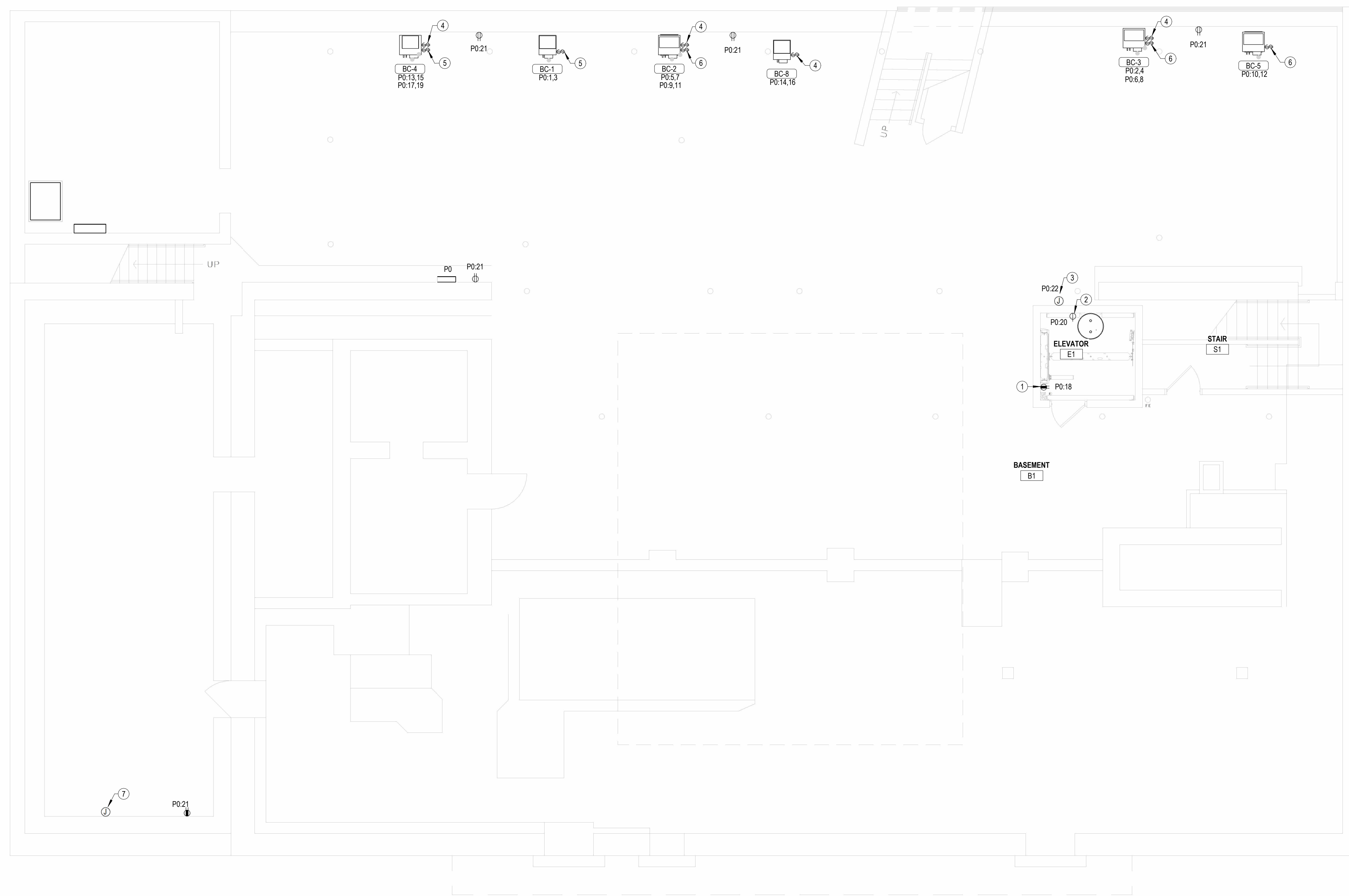


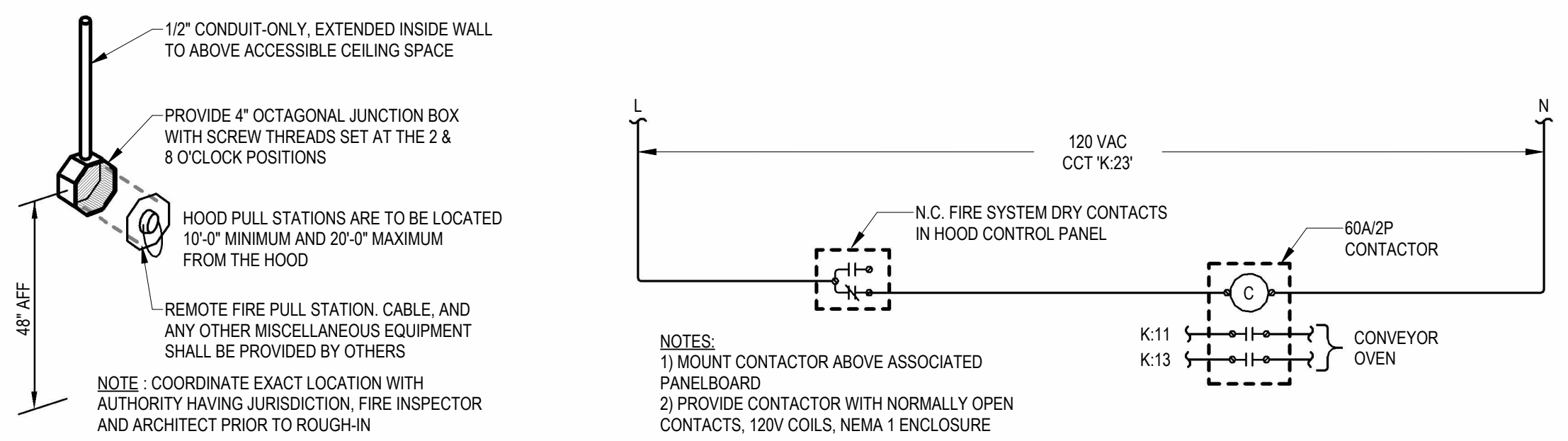
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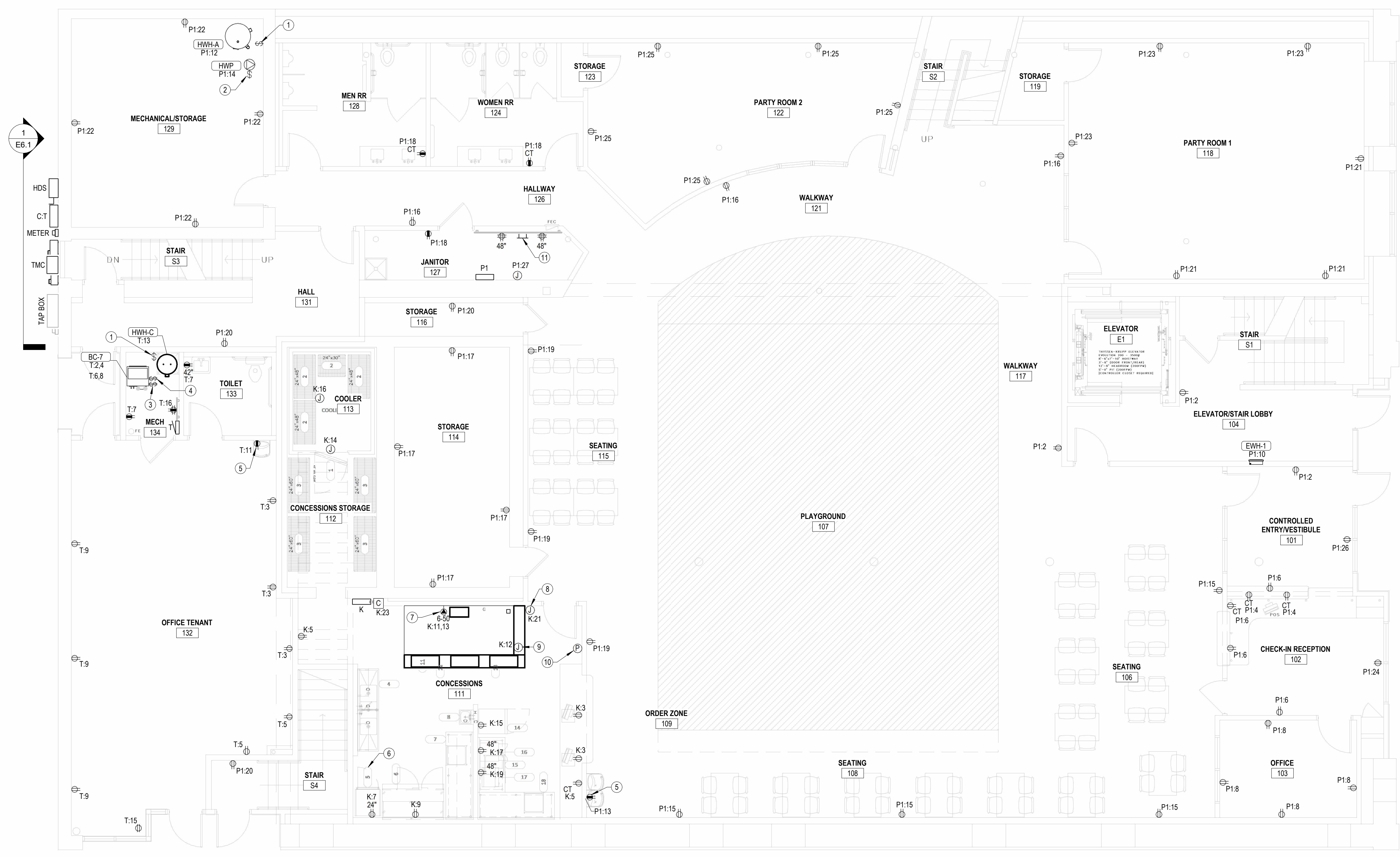
- NOTES BY SYMBOL**
- 1 INSTALL RECEPTACLE ON WALL OF ELEVATOR PIT. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
 - 2 SIMPLEX RECEPTACLE IN ELEVATOR PIT FOR ELEVATOR SUMP PUMP. COORDINATE EXACT MOUNTING LOCATION WITH PLUMBING CONTRACTOR AND ELEVATOR EQUIPMENT INSTALLER.
 - 3 PROVIDE 120V POWER CONNECTION TO ELEVATOR SUMP PUMP ALARM PANEL AND 1" CONDUIT WITH PULL STRING STUBBED INTO ELEVATOR PIT FOR CONTROL CABLING. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR.
 - 4 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7832D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 5 PROVIDE 50A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7852D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 6 PROVIDE 60A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7862D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 7 120V POWER FOR FIRE SPRINKLER SYSTEM FLOW SWITCH(ES) AND BELL. PROVIDE #8 CU BONDING JUMPER FROM CIRCUIT EQUIPMENT GROUNDING CONDUCTOR TO METAL SPRINKLER SYSTEM PIPING AT AN ACCESSIBLE LOCATION PER NEC 250.104(B). COORDINATE WORK WITH FIRE SPRINKLER SYSTEM INSTALLER.





- 2 HOOD FIRE PULL STATION
NO SCALE
- 3 HOOD EQUIPMENT SHUT-DOWN
NO SCALE

- NOTES BY SYMBOL**
- 1 PROVIDE 20A/1P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 2 ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
 - 3 PROVIDE 60A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7832D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 4 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7832D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 5 COORDINATE EXACT MOUNTING LOCATION OF DRINKING FOUNTAIN RECEPTACLE WITH PLUMBING CONTRACTOR. WIRE FROM LOAD SIDE OF ADJACENT GFI RECEPTACLE TO PROVIDE GFI PROTECTION FOR DRINKING FOUNTAIN RECEPTACLE.
 - 6 KITCHEN EQUIPMENT TAG. REFERENCE FOOD SERVICE DRAWINGS FOR MORE INFORMATION.
 - 7 ROUTE CIRCUIT THROUGH CONTACTOR FOR SHUT-DOWN BY HOOD CONTROL PANEL. SEE DETAIL 3.E1.7.
 - 8 NATURAL GAS SOLENOID VALVE FOR EQUIPMENT UNDER HOOD. CONNECT TO HOOD CONTROL PANEL.
 - 9 HOOD CONTROL PANEL FURNISHED WITH HOOD. PROVIDE ALL FIELD WIRING CONNECTIONS TO HOOD LIGHTS, GAS SOLENOID, FIRE SUPPRESSION SYSTEM CABINET, HOOD FAN AND LIGHT SWITCHES, HOOD TEMP SENSOR, EXHAUST FAN CONTROL, MAKE-UP AIR UNIT CONTROL, AND EQUIPMENT SHUT-DOWN CONTACTORS. VERIFY REQUIREMENTS WITH HOOD INSTALLER. SEE SHEET MS.2 FOR MORE INFORMATION.
 - 10 PROVIDE ROUGH-IN FOR HOOD FIRE SUPPRESSION PULL STATION. SEE DETAIL 2.E1.7.
 - 11 TELECOMMUNICATIONS GROUND BAR SHALL BE 13-1/4"W x 2"H x 1/4" THICK ELECTRO-TIN PLATED COPPER BUS BAR, COMPLETE WITH INSULATED STAND-OFFS AND STAINLESS STEEL BRACKETS, ERICO #TGBA14L06PT OR EQUAL. MOUNT AT 18" AFF. PROVIDE #6 GROUND TO GROUND BUS OF PANEL 'P1'. ALL CONNECTIONS TO GROUND BAR SHALL BE MADE USING COMPRESSION TYPE LUGS.

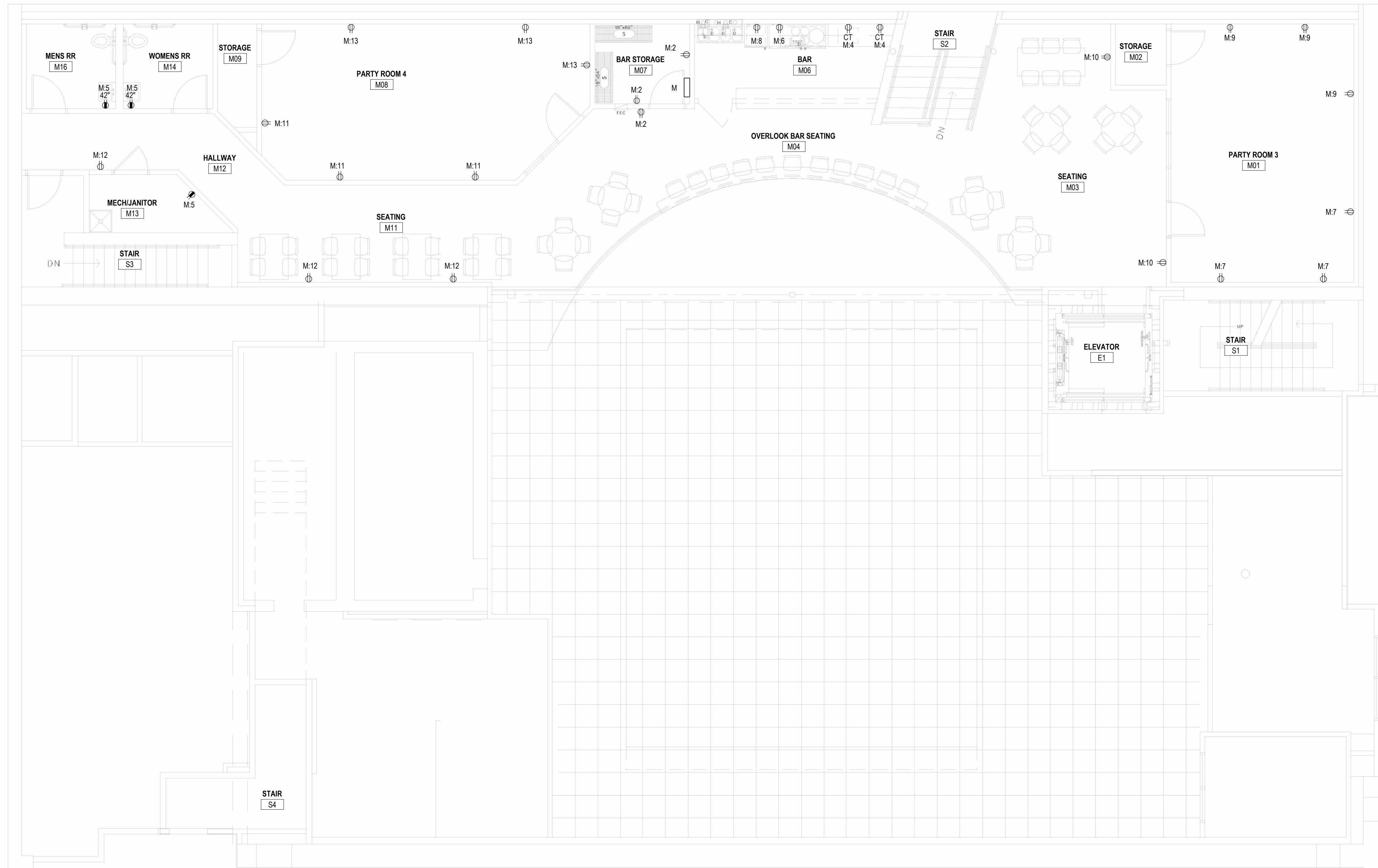


1 1ST FLOOR POWER PLAN
 E1.7 3/16" = 1'-0"

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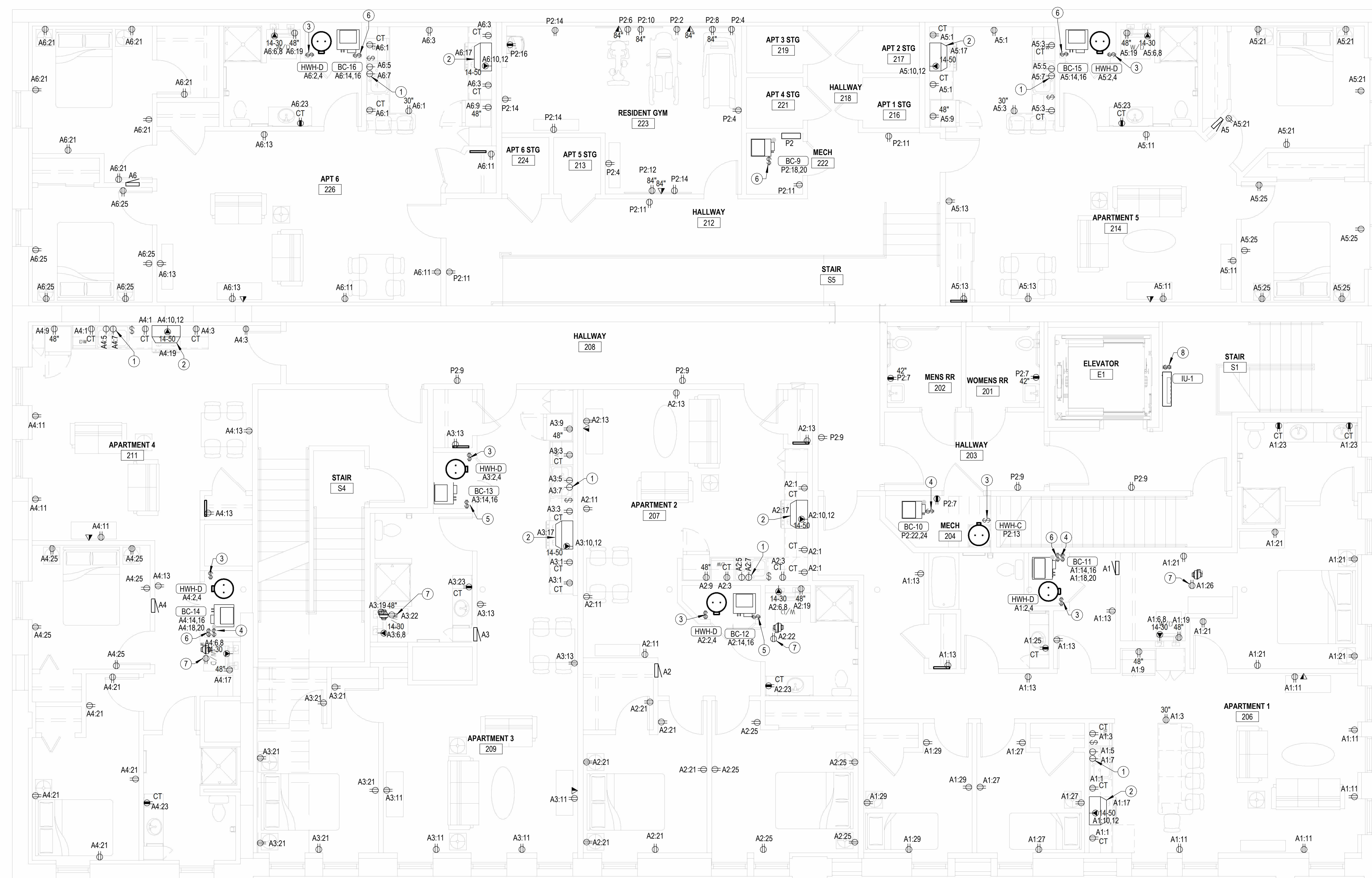
NOTES BY SYMBOL



101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
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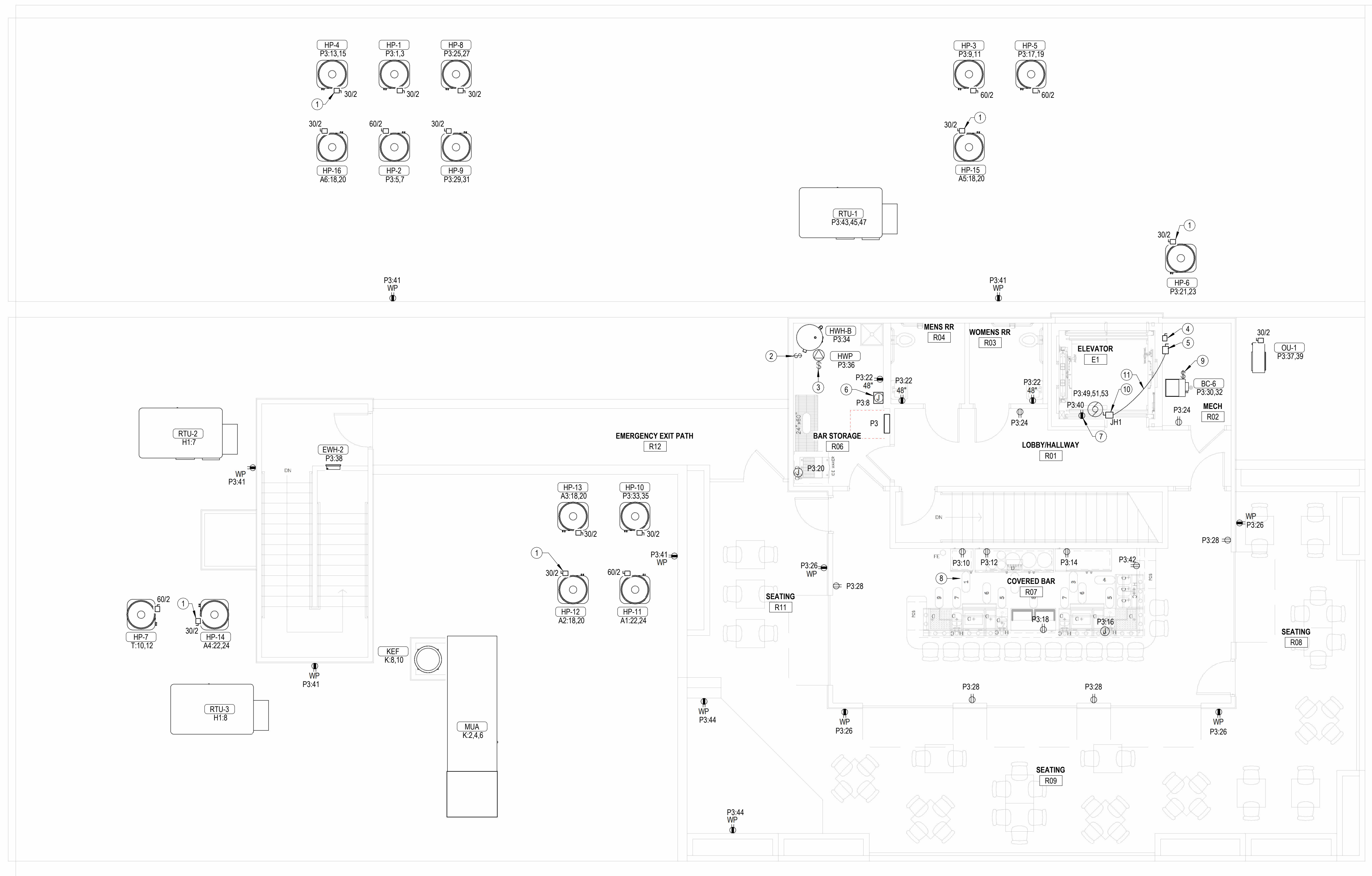
- NOTES BY SYMBOL**
- 1 SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
 - 2 PROVIDE 120V CONNECTION TO MICROWAVE ABOVE RANGE. COORDINATE EXACT ELECTRICAL ROUGH-IN REQUIREMENTS WITH EQUIPMENT PROVIDED. IF EQUIPMENT IS CORD AND PLUG, PROVIDE RECEPTACLE INSIDE CABINET ABOVE RANGE.
 - 3 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 4 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7832D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 5 PROVIDE 50A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7852D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 6 PROVIDE 60A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE, HUBBELL #HBL7862D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 7 PROVIDE RECEPTACLE ABOVE CEILING FOR CORD AND PLUG CONNECTION OF DRYER BOOSTER FAN. ENSURE RECEPTACLE IS ACCESSIBLE THROUGH CEILING ACCESS PANEL. COORDINATE WITH G.C. AND OTHER TRADES.
 - 8 INDOOR UNIT POWERED FROM OUTDOOR UNIT. PROVIDE 20A-3P MOTOR RATED SNAP SWITCH AND ROUTE (3#12, #12G, 1/2" C. BETWEEN INDOOR AND OUTDOOR UNIT ON ROOF.



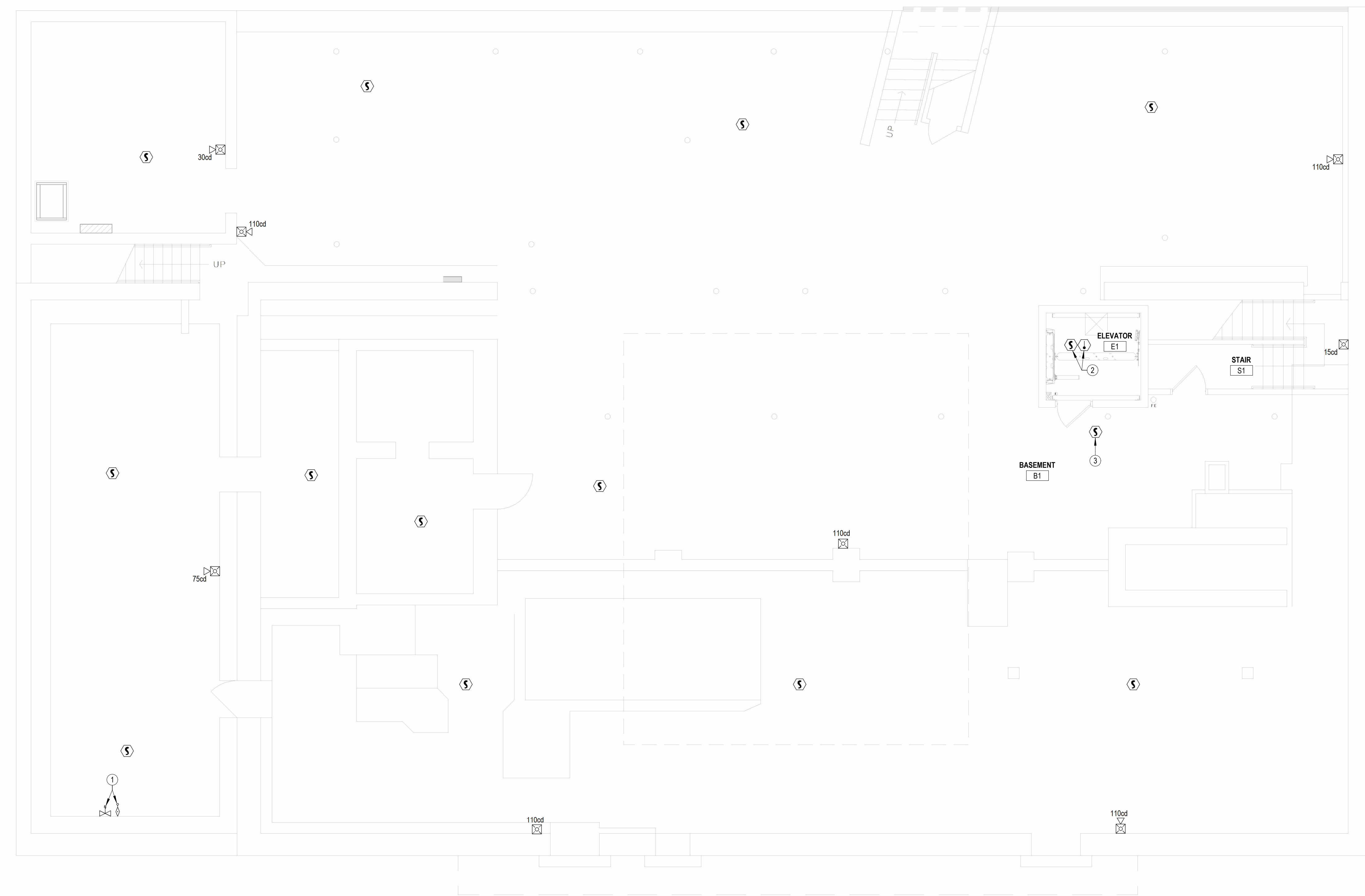
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- NOTES BY SYMBOL**
- 1 PROVIDE NON-FUSED DISCONNECT SWITCH, SIZED AS INDICATED ON PLANS, IN NEMA 3R ENCLOSURE AND MAKE FINAL CONNECTION TO EQUIPMENT IN LFMC RACEWAY. MOUNT TO UNISTRUT FRAME SUPPORTED FROM EQUIPMENT SUPPORT RAILS.
 - 2 PROVIDE 20A/1P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 3 ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
 - 4 30A DISCONNECT SWITCH, LOCKABLE IN "OFF" POSITION, WITH SOLID NEUTRAL AND (1) 20A DUAL-ELEMENT, TIME DELAY FUSE IN NEMA 1 ENCLOSURE FOR ELEVATOR CAB LIGHTS & EXHAUST. MOUNT AT 6'-0" AFF TO TOP AND LABEL WITH CORRESPONDING ELEVATOR CAR NUMBER AND CIRCUIT NUMBER. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER. PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.
 - 5 ELEVATOR POWER MODULE SWITCH: 60A/208V/3P SWITCH COMPLETE WITH 60A DUAL ELEMENT, TIME DELAY CLASS 'J' FUSES, 120V CONTROL TRANSFORMER, FIRE ALARM SAFETY INTERFACE RELAY, KEY TEST SWITCH, GREEN PILOT LIGHT, AUXILIARY CONTACTS FOR ELEVATOR RECALL, AND FIRE ALARM VOLTAGE MONITORING RELAY. EATON BUSSMAN #PS-6-T20-R1-K-G-B-F1 OR EQUAL. COORDINATE EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER, AND PROVIDE FINAL ELECTRICAL CONNECTION TO ELEVATOR CONTROLLER.
 - 6 PROVIDE POWER CONNECTION TO LIGHTING INVERTER.
 - 7 INSTALL RECEPTACLE ON WALL OF ELEVATOR HOIST WAY. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
 - 8 KITCHEN EQUIPMENT TAG. REFERENCE FOOD SERVICE DRAWINGS FOR MORE INFORMATION.
 - 9 PROVIDE 50A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE. HUBBELL #HBL7852D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 10 60A/3P NON-FUSED DISCONNECT SWITCH (JH1) IN NEMA 1 ENCLOSURE. PROVIDE WITH SPST AUXILIARY CONTACTS RATED FOR MIN. 2A AT 24VDC. MAKE FINAL CONNECTION TO ELEVATOR FUSE BOX. COORDINATE MOUNTING LOCATION AT TOP OF HOISTWAY AND REQUIREMENTS WITH ELEVATOR EQUIPMENT INSTALLER.
 - 11 3-PHASE POWER FEEDER AND (2) #18 STRANDED CU CONDUCTORS FROM ELEVATOR POWER MODULE SWITCH TO 'JH1' DISCONNECT SWITCH.



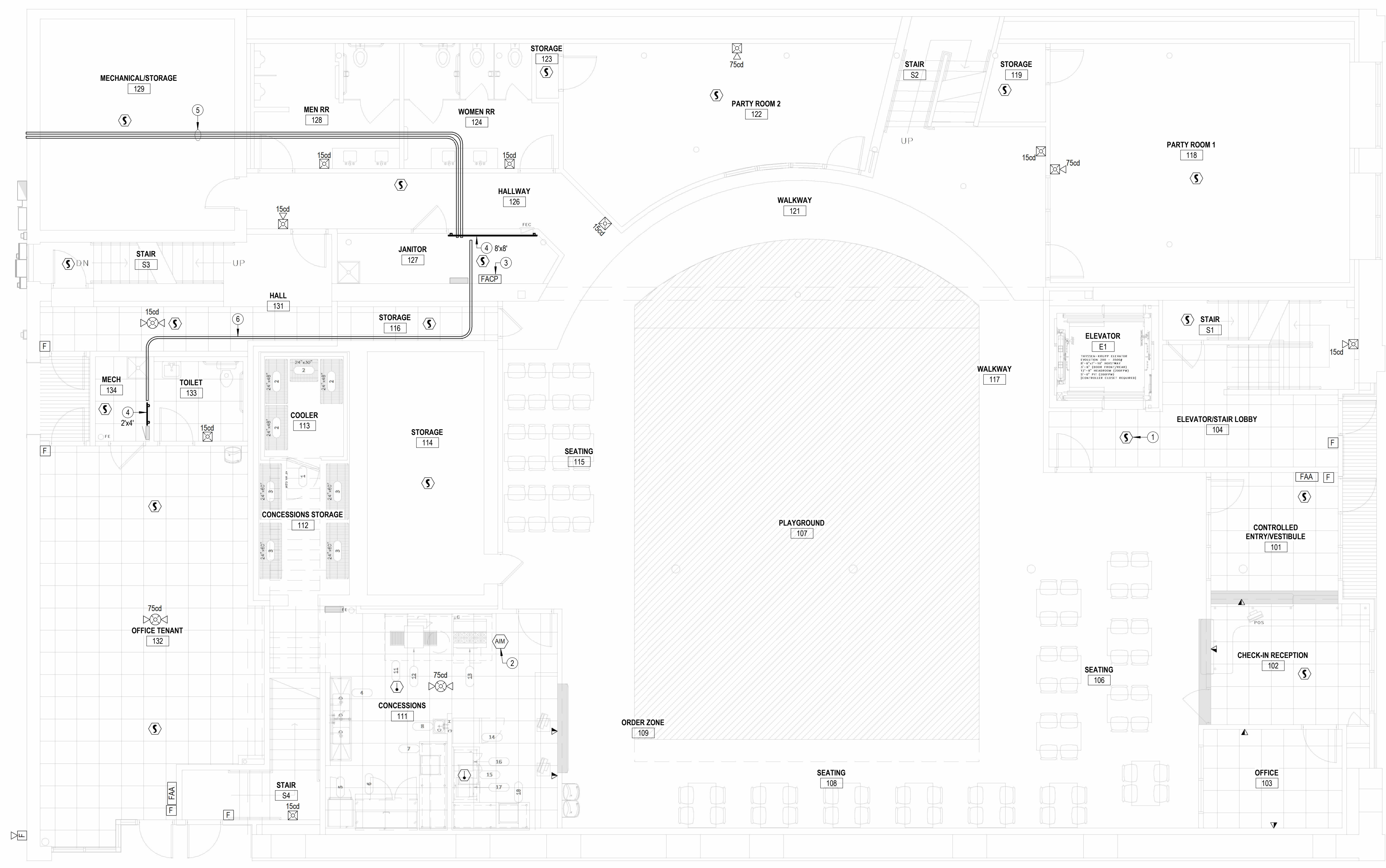
- NOTES BY SYMBOL**
- 1 PROVIDE ADDRESSABLE FIRE ALARM RELAYS AND MONITORING MODULES FOR ALL FIRE SPRINKLER FLOW SWITCHES, TAMPER SWITCHES AND BELL/GONG. COORDINATE QUANTITIES AND LOCATIONS WITH FIRE SPRINKLER CONTRACTOR.
 - 2 SMOKE DETECTOR AND HEAT DETECTOR IN ELEVATOR PIT FOR RECALL AND SHUT-DOWN. SEE DETAIL 2, SHEET E1.15.
 - 3 ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 2, SHEET E1.15.



101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
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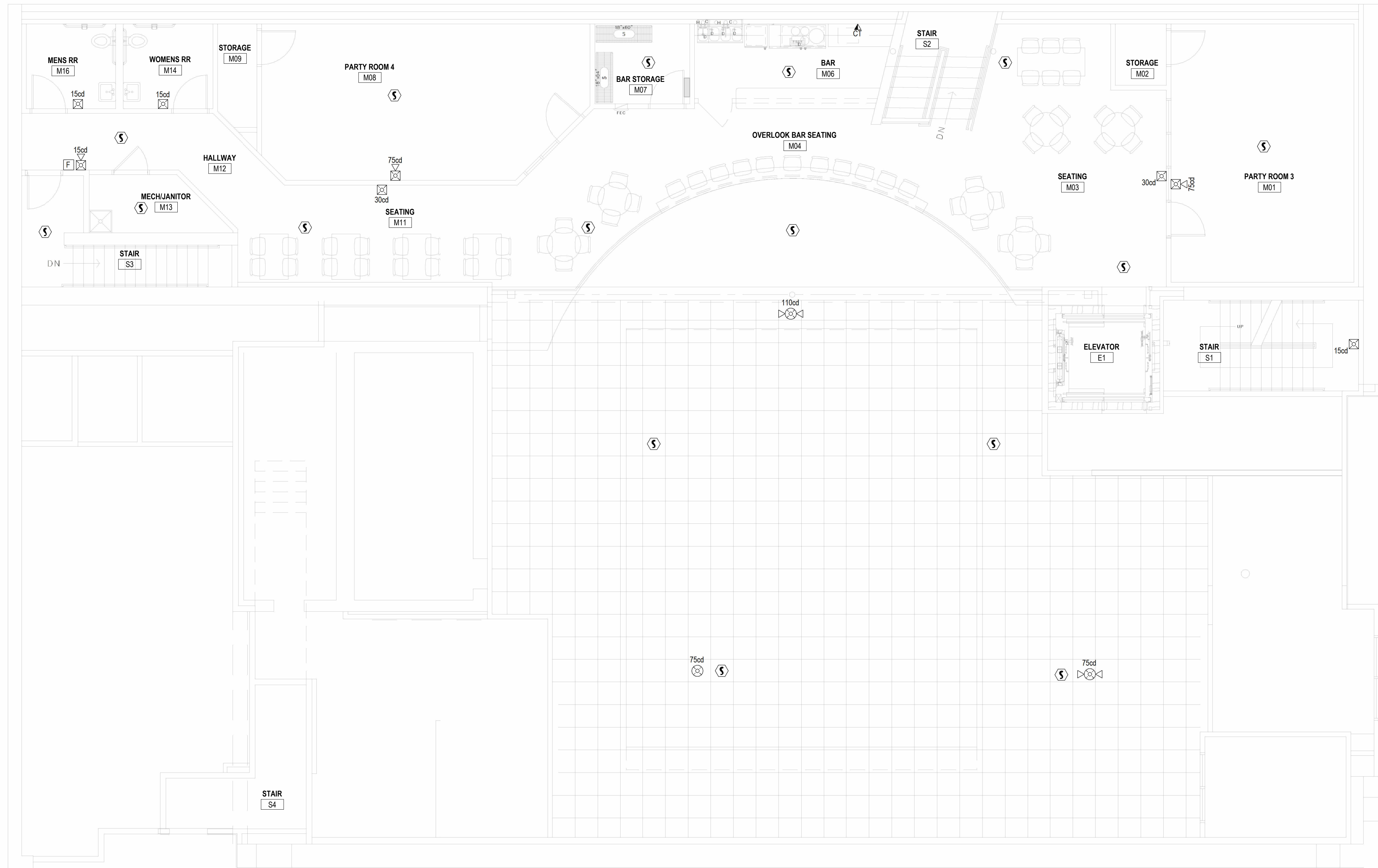
- NOTES BY SYMBOL**
- ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 2, SHEET E1.15.
 - PROVIDE ADDRESSABLE MONITORING MODULE TO MONITOR STATUS OF HOOD FIRE SUPPRESSION SYSTEM. COORDINATE LOCATION AND REQUIREMENTS WITH HOOD INSTALLER.
 - PROVIDE (2) CAT 5e UTP, NEC TYPE 'CMP' CABLES (SUPERIOR ESSEX #51-241-48 OR EQUAL) IN 3/4" CONDUIT FROM FACP TO MAIN TELECOM TERMINAL BOARD FOR CONNECTION TO FA SYSTEM DACT FOR REMOTE MONITORING.
 - PROVIDE TELECOMMUNICATIONS TERMINAL BOARD OF WIDTH x HEIGHT NOTED, CONSISTING OF 3/4" ACX FIRE RETARDANT PLYWOOD PERMANENTLY FASTENED TO THE WALL BY MEANS OF WALL ANCHORS UTILIZING GALVANIZED, ZINC PLATED, OR STAINLESS STEEL HARDWARE WITH A FLAT HEAD. FINISHED INSTALLATION SHALL HAVE FLUSH APPEARANCE WITH COUNTERSUNK SCREW HEADS TO PREVENT SPLITTING OF THE PLYWOOD. DRYWALL SCREWS ARE NOT ACCEPTABLE. PAINT WITH TWO COATS OF LIGHT GRAY FIRE RETARDANT SEALER PRIOR TO INSTALLATION OF ANY EQUIPMENT.
 - (2) 2" EMT CONDUITS WITH PULL STRINGS ROUTED OVERHEAD FROM MAIN TELECOM BACKBOARD TO ALLEY FOR COMMUNICATIONS ACCESS PROVIDER SERVICE CABLING. TERMINATE AT EXTERIOR ALLEY WALL WITH WEATHERHEADS OR NEMA 3R ENCLOSURE. PROVIDE PULL STRING IN EACH RACEWAY. SEAL PENETRATIONS THROUGH EXTERIOR WALL WEATHERTIGHT.
 - (1) 2" EMT CONDUIT WITH PULL STRING CONCEALED ABOVE CEILING FROM MAIN TELECOM BOARD IN JANITOR 127 TO TENANT TELECOM BOARD IN MECH 134 FOR COMMUNICATIONS SERVICE CABLING.



101 N. SANTA FE AVE.

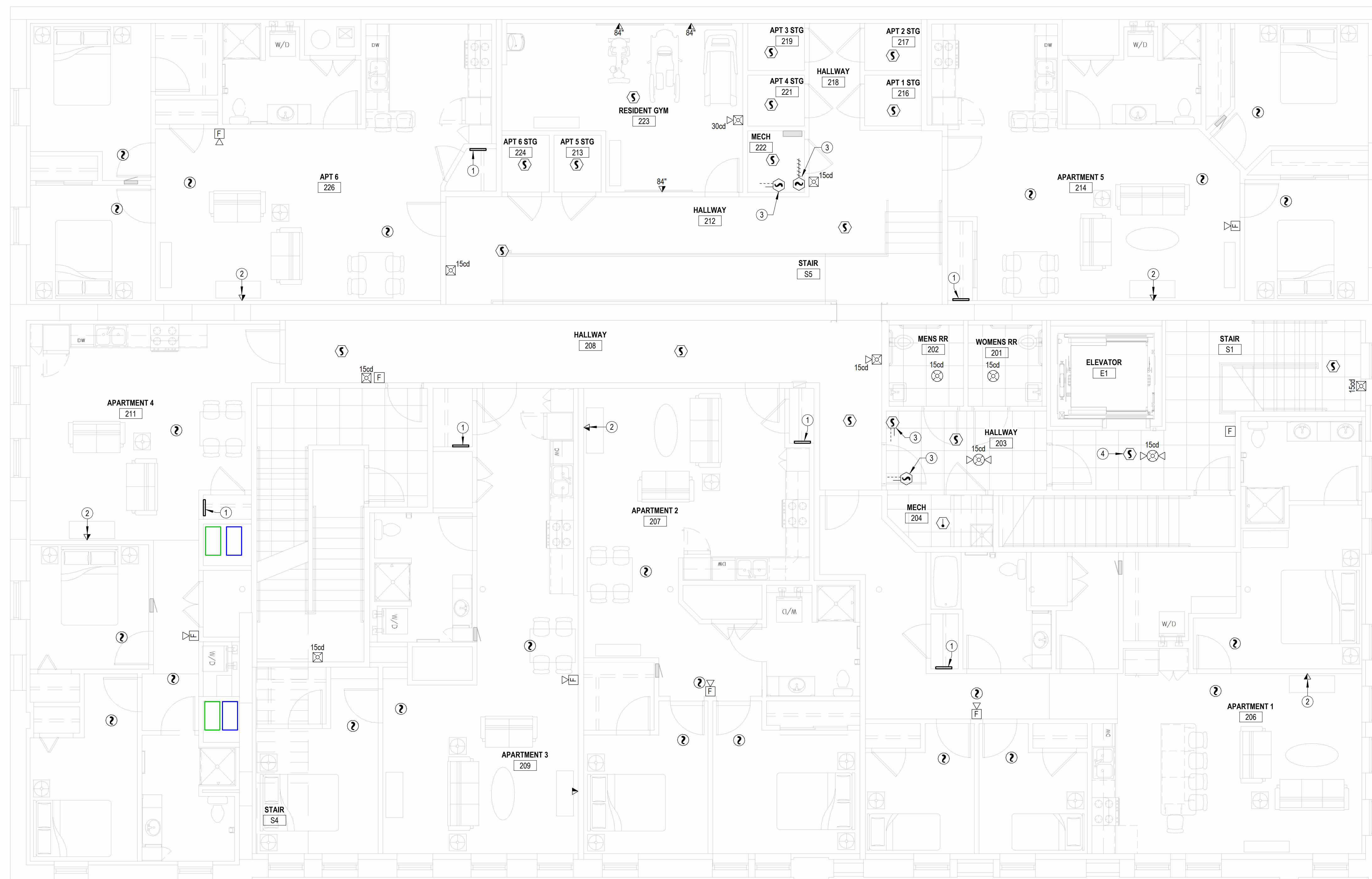
**REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
 APARTMENTS AND ROOF TOP BAR
 SALINA,
 KANSAS**

NOTES BY SYMBOL

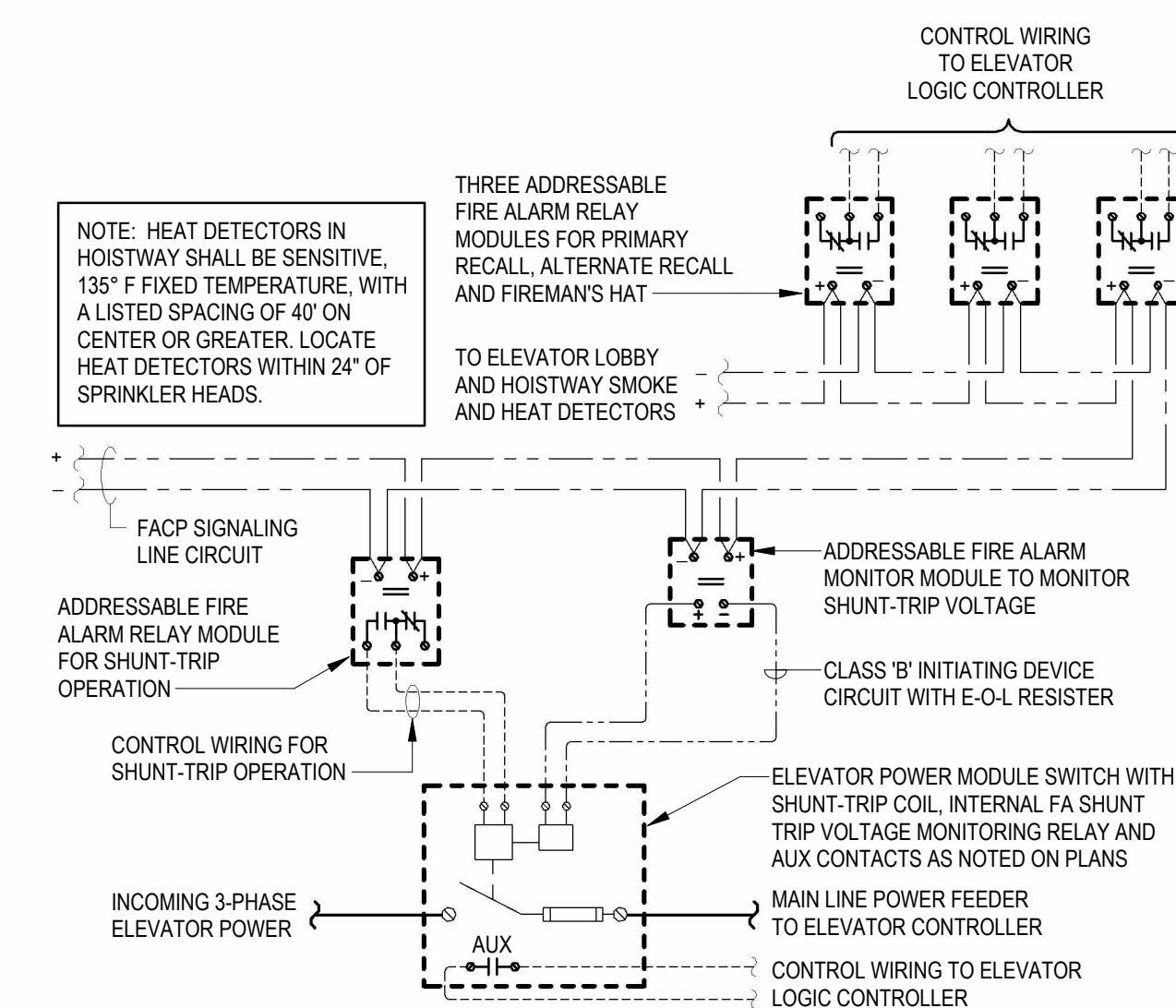
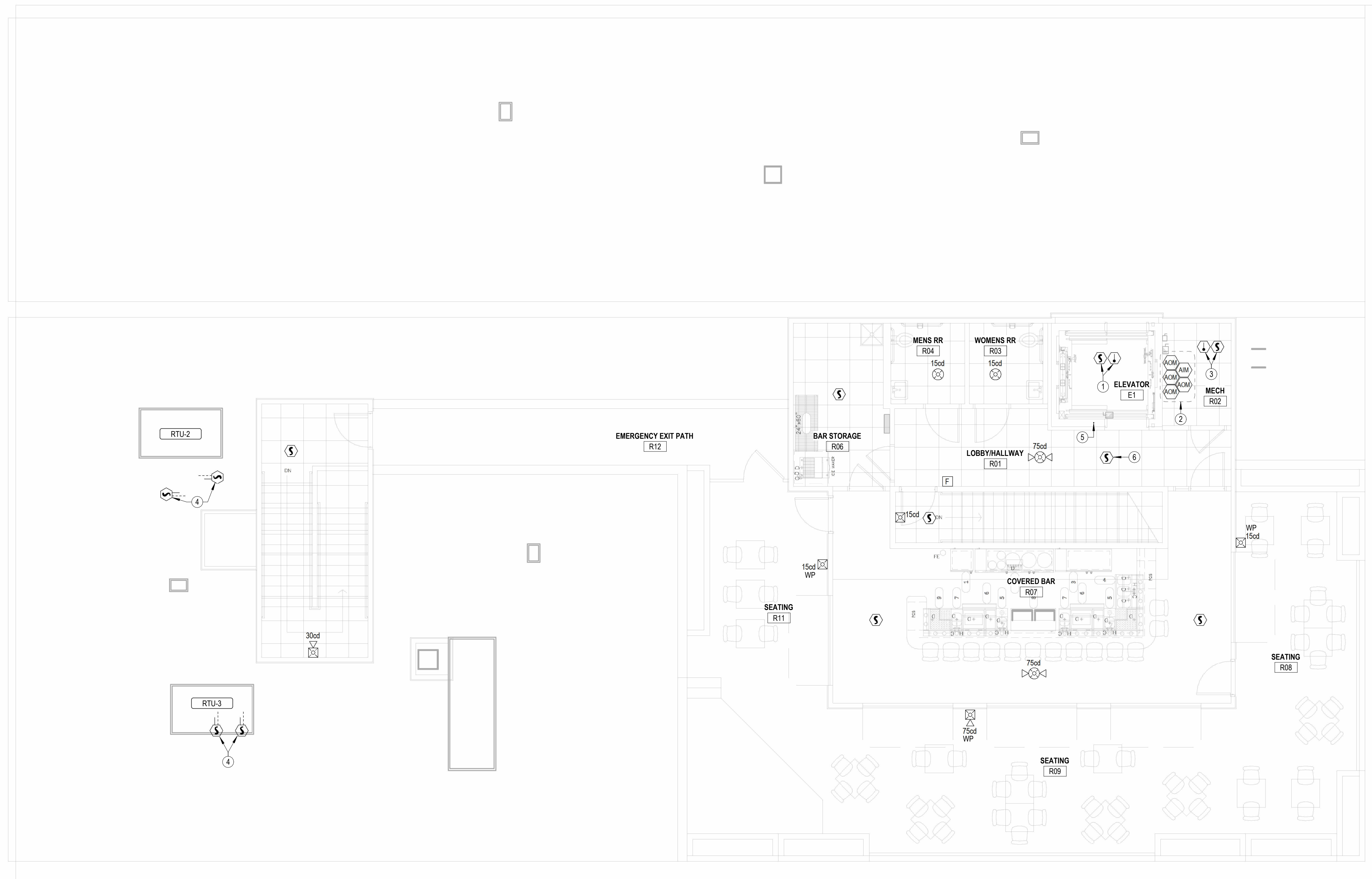


101 N. SANTA FE AVE.
REMODEL AND ADDITIONS: PELE'S PLAYGROUND,
APARTMENTS AND ROOF TOP BAR
SALINA, KANSAS

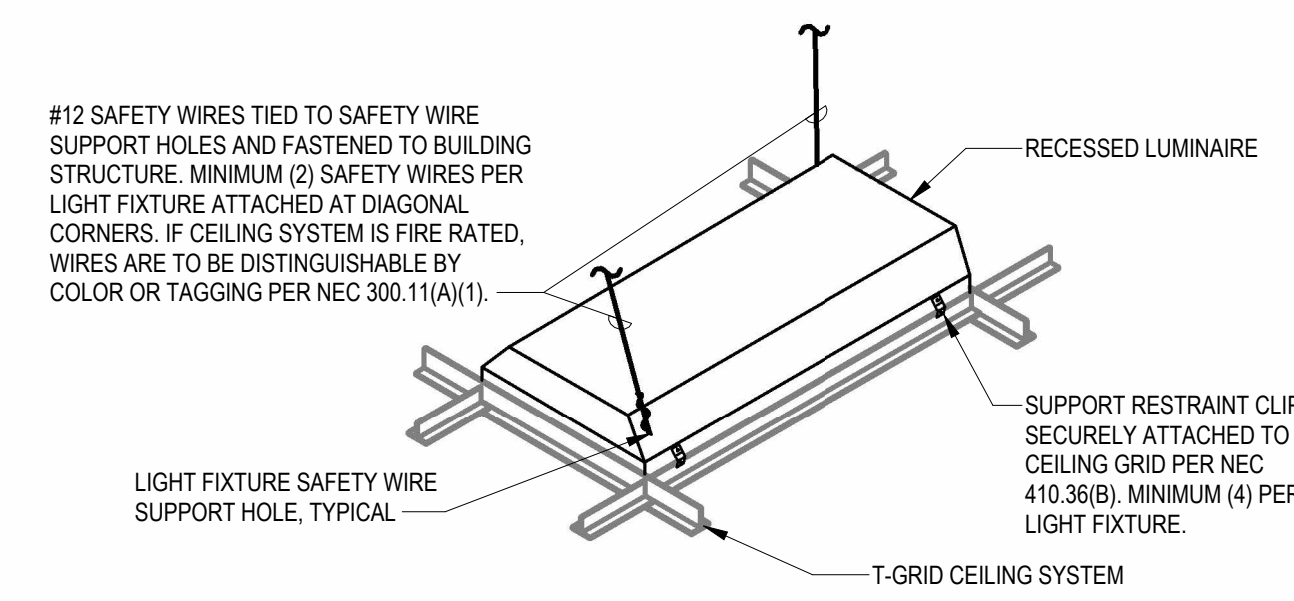
- NOTES BY SYMBOL**
- 1 PROVIDE FLUSH MOUNTED TELECOM DISTRIBUTION DEVICE AT APPROXIMATELY 4'-0" AFF. COORDINATE EXACT SIZE AND REQUIREMENTS WITH COMMUNICATIONS UTILITY PROVIDER SELECTED BY OWNER. PROVIDE 1-1/2" CONDUIT WITH (1) CAT6 UTP CABLE AND (1) RG6 COAX CABLE FROM DISTRIBUTION DEVICE TO MAIN TELECOM BOARD IN ROOM 127.
 - 2 COORDINATE FINAL LOCATIONS OF ALL TELECOM OUTLETS WITH OWNER. PROVIDE (1) CAT 6 UTP AND (1) RG6 COAX CABLE HOMERUN FROM EACH OUTLET TO APARTMENT UNITS' TELECOM DISTRIBUTION DEVICE.
 - 3 PROVIDE DUCT SMOKE DETECTOR WITHIN 5' OF SMOKE DAMPER AND WIRE TO FIRE ALARM CONTROL PANEL. PROVIDE FIRE ALARM RELAY FOR CONTROL OF 120V POWER TO DAMPER ACTUATOR. DAMPER SHALL CLOSE UPON DETECTION OF SMOKE.
 - 4 ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 2, SHEET E1.15.



- NOTES BY SYMBOL**
- 1 SMOKE DETECTOR AND HEAT DETECTOR AT TOP OF ELEVATOR HOIST WAY FOR RECALL AND SHUT-DOWN. SEE DETAIL 2, SHEET E1.15.
 - 2 ADDRESSABLE FIRE ALARM RELAYS FOR ELEVATOR RECALL, FIREMAN'S HAT, AND POWER SHUNT-TRIP, AND ADDRESSABLE MONITORING MODULE FOR MONITORING OF SHUNT TRIP VOLTAGE. SEE DETAIL 2, SHEET E1.15.
 - 3 SMOKE AND HEAT DETECTORS FOR ELEVATOR RECALL AND SHUT-DOWN. SEE DETAIL 2, SHEET E1.15.
 - 4 SUPPLY AND RETURN AIR DUCT SMOKE DETECTORS FOR HVAC EQUIPMENT FURNISHED AND WIRED TO FACP BY FIRE ALARM CONTRACTOR, INSTALLED IN DUCT BY MECHANICAL CONTRACTOR. PROVIDE ADDRESSABLE FIRE ALARM RELAY WITHIN 5' OF EQUIPMENT FOR SHUT-DOWN OF HVAC UNIT UPON DETECTION OF SMOKE.
 - 5 PROVIDE 4-PAIR, CAT5e UTP, NEC TYPE 'CMP' CABLE (SUPERIOR ESSEX #51-241-48 OR EQUAL) IN 3/4" CONDUIT FROM TOP OF ELEVATOR CONTROLLER TO TELECOM TERMINAL BOARD IN JANITOR 127 FOR EMERGENCY ELEVATOR CAB TELEPHONE.
 - 6 ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 2, SHEET E1.15.



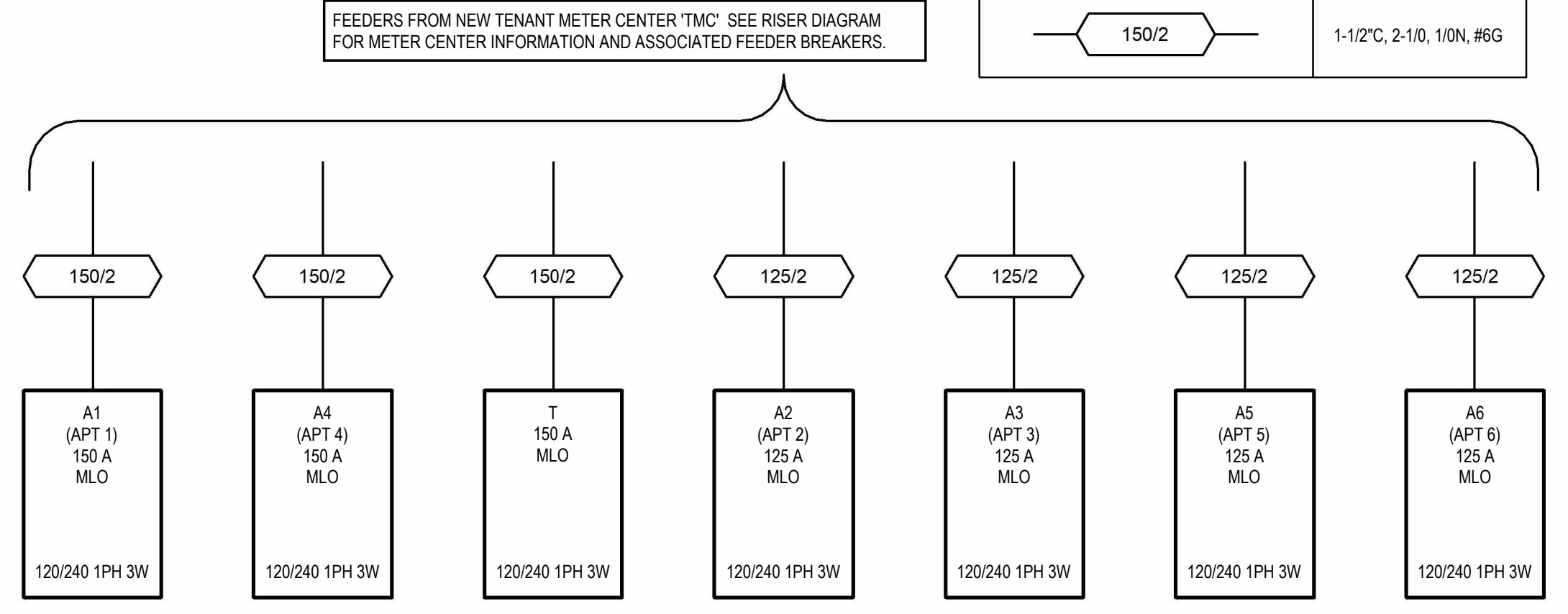
- ELEVATOR RECALL AND SHUT-DOWN SEQUENCE OF OPERATION:**
1. UPON SENSING SMOKE FROM ONE OR MORE ELEVATOR LOBBY OR HOISTWAY, THE SMOKE DETECTOR SHALL SIGNAL THE FIRE ALARM CONTROL PANEL, WHICH WILL FORWARD THE SIGNAL TO THE ELEVATOR LOGIC CONTROLLER VIA ADDRESSABLE RELAY MODULES TO RECALL ELEVATOR CAB TO THE PRIMARY RECALL FLOOR. IF PRIMARY RECALL FLOOR'S LOBBY SMOKE DETECTOR SENSES SMOKE AT THAT FLOOR, THE ELEVATOR CONTROLLER WILL SEND THE ELEVATOR CAB TO THE NEXT FLOOR CLEAR OF SMOKE. ONCE THE ELEVATOR CAB HAS REACHED THE DESIGNATED FLOOR, THE ELEVATOR CAB DOORS WILL OPEN AND THE CONTROLLER WILL LOCK THE ELEVATOR CABS AT THAT FLOOR, DISABLING THE ELEVATOR CAB CONTROLS, UNLESS A FIREMAN'S KEY IS USED TO OVERRIDE AUTOMATIC CONTROLS.
 2. ALL SMOKE DETECTORS ASSOCIATED WITH ELEVATOR RECALL (LOBBY AND HOISTWAY) SHALL TRANSMIT A SEPARATE AND DISTINCT VISIBLE ANNUNCIATION AT THE FIRE ALARM CONTROL PANEL.
 3. UPON SENSING A HEAT ALARM CONDITION IN THE ELEVATOR HOISTWAY, THE HEAT DETECTOR SHALL SIGNAL THE FIRE ALARM CONTROL PANEL, WHICH WILL FORWARD THE SIGNAL TO THE ADDRESSABLE RELAY MODULE TO ACTIVATE THE SHUNT-TRIP SWITCH POWERING THE ELEVATOR SO AS TO DISCONNECT POWER TO THAT CIRCUIT. THIS IS TO BE A NON-AUTO RESET SWITCH. WHEN THE SPRINKLER HEAD HAS REACHED ITS CRITICAL TEMPERATURE OF 165° F., THE HEAD WILL BEGIN DISCHARGE OF WATER.



- NOTES:
 1. SAFETY WIRES SHALL HAVE A MINIMUM OF 3 TIGHT TURNS AROUND SELF.
 2. FIXTURE INSTALLATION TO COMPLY WITH ASTM C636 AND CISCA STANDARDS.

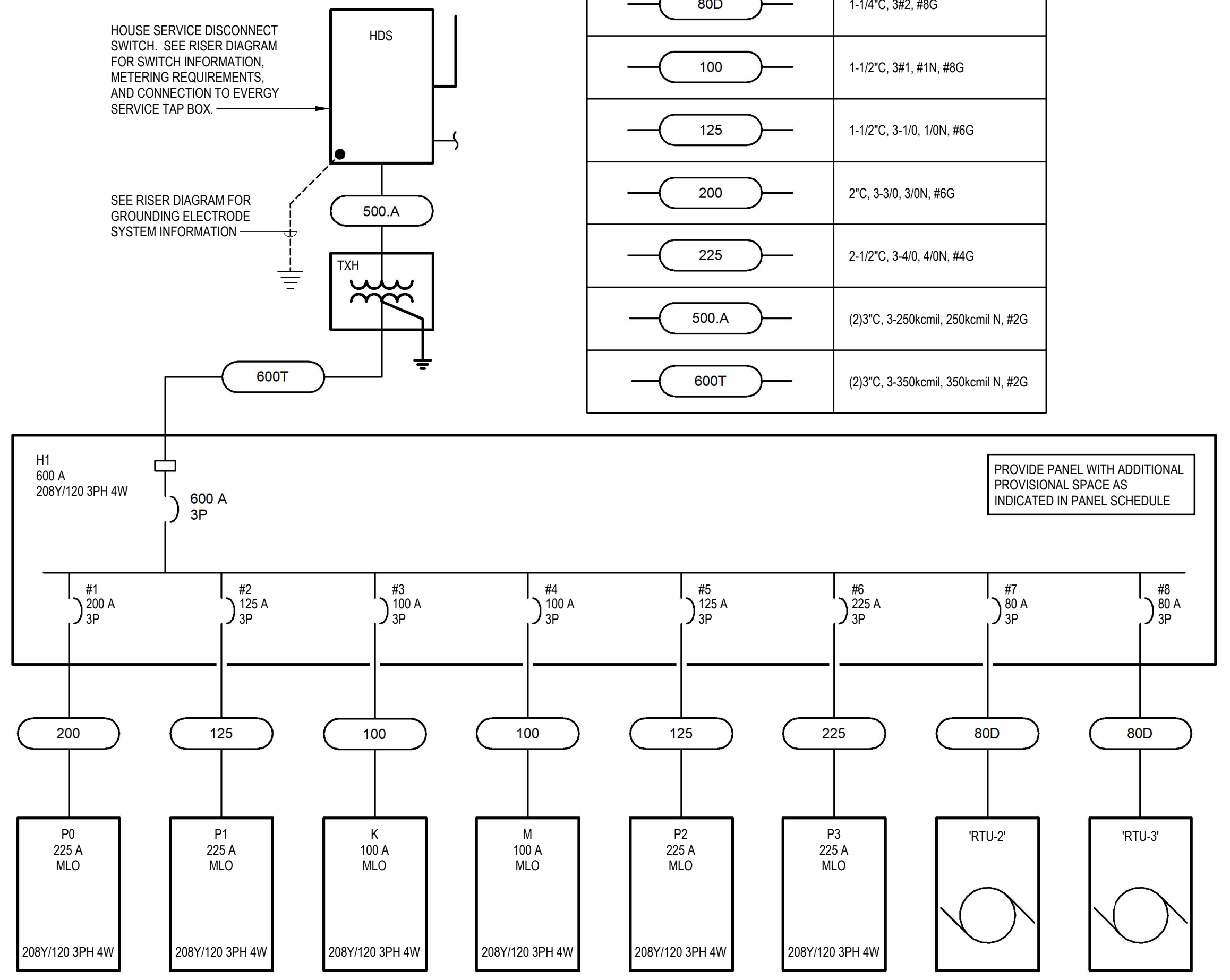
3 E6.1 RECESSED LUMINAIRE SUPPORT
 NO SCALE

FEEDER SCHEDULE	
125/2	1-1/2" C, 2-10, 1/0N, #6G
150/2	1-1/2" C, 2-10, 1/0N, #6G

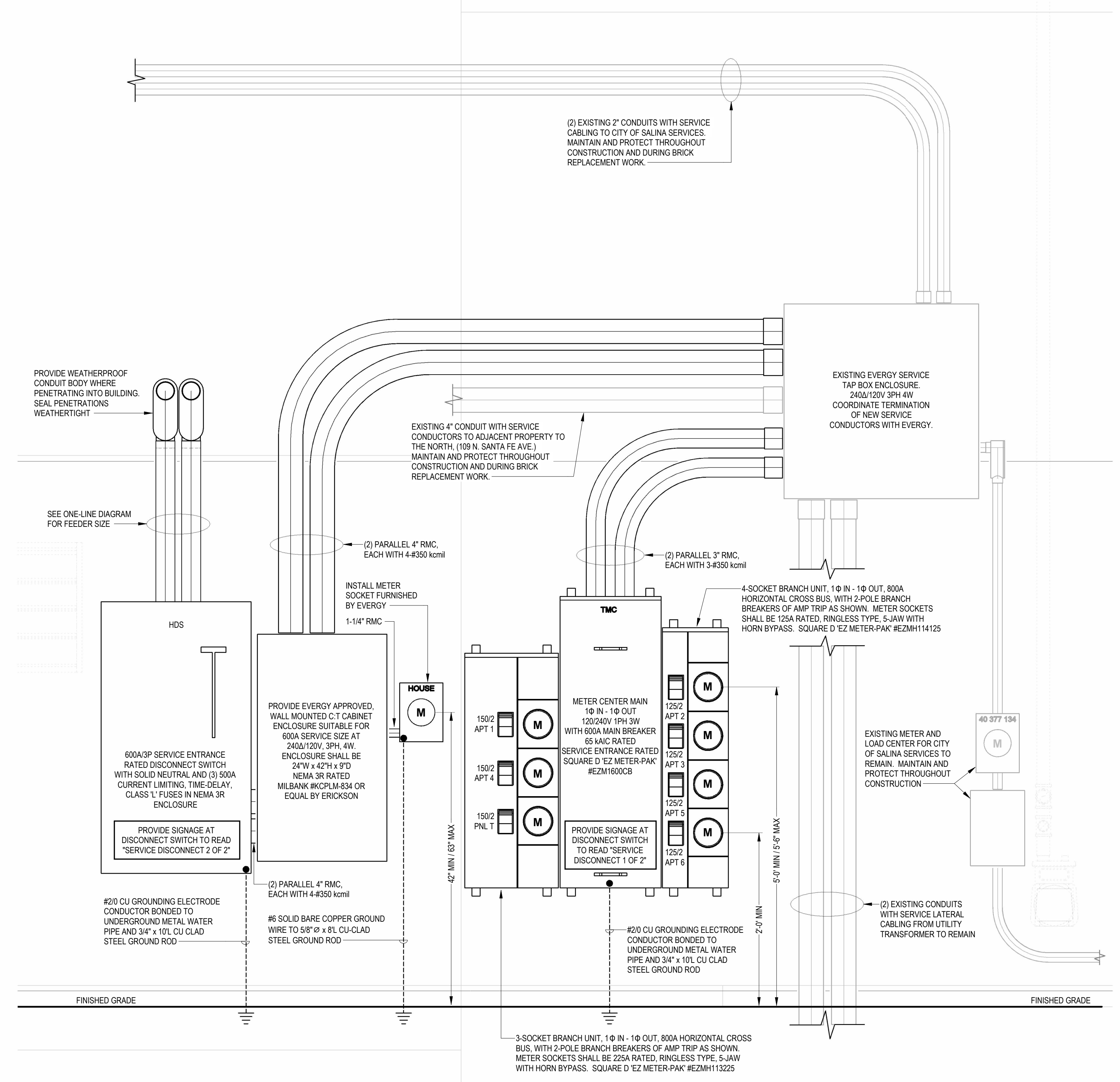


4 E6.1 ONE-LINE DIAGRAM - METER CENTER
 NO SCALE

FEEDER SCHEDULE	
80D	1-1/4" C, 3#2, #8G
100	1-1/2" C, 3#1, #1N, #8G
125	1-1/2" C, 3-10, 1/0N, #6G
200	2" C, 3-30, 3/0N, #6G
225	2-1/2" C, 3-40, 4/0N, #4G
500 A	(2)3" C, 3-250kcmil, 250kcmil N, #2G
600T	(2)3" C, 3-350kcmil, 350kcmil N, #2G



2 E6.1 ONE-LINE DIAGRAM - HOUSE SERVICE
 NO SCALE



1 E6.1 POWER SERVICE RISER DIAGRAM
 NO SCALE

REVISIONS:
 DATE: 3/20/2025
 JOB: 24-3421
 SHEET NO.:

