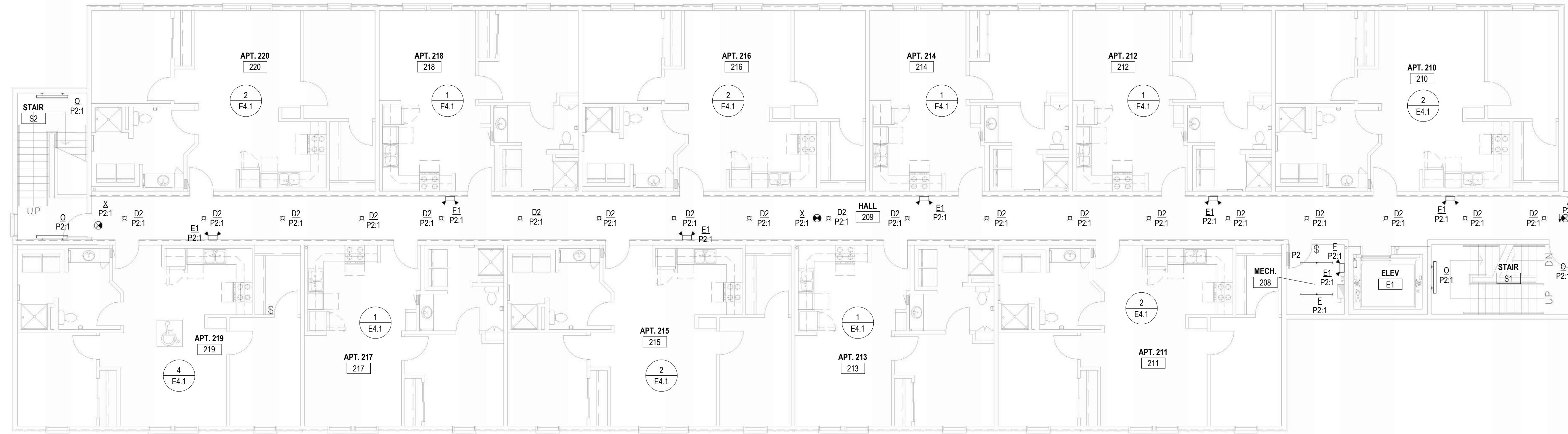
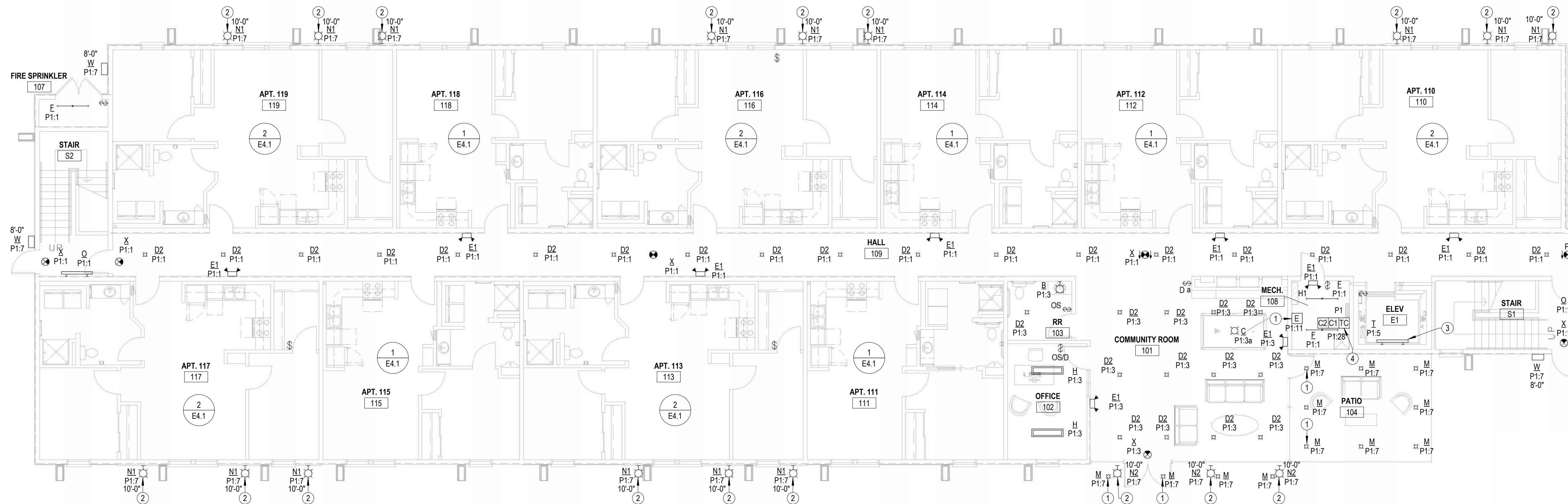


- NOTES BY SYMBOL**
- 1 PROVIDE CENTRAL LIGHTING MICRO INVERTER TO PROVIDE 120 VAC POWER TO EXTERIOR LUMINAIRES FOR 90 MINUTES UPON LOSS OF NORMAL POWER. INVERTER SHALL BE 120V IN / 120V OUT, WITH 55VA CAPACITY, AND SHALL BE CAPABLE OF OPERATING 'NORMALLY ON', 'NORMALLY OFF', OR 'SWITCHED' LOADS AND SHALL BE UL 924 LISTED. INTEGRAL BATTERY SHALL HAVE SELF-DIAGNOSTICS AND COME WITH 3 YEAR FULL AND 7 YEAR PRO-RATED WARRANTY. EVENLITE #EMS-55LC-V3-SD. WIRE UNIT FOR SWITCHED OPERATION TO ALLOW FOR LUMINAIRE CONTROL VIA EXTERIOR LIGHTING CONTROLS. COORDINATE EXACT LOCATION OF LIGHT FIXTURE WITH ARCHITECT.
 - 2 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.
 - 3 TIMECLOCK AND CONTACTORS FOR EXTERIOR LIGHTING CONTROL, RE. 2.E6.1.



2 SECOND FLOOR LIGHTING PLAN
 1/8" = 1'-0"



1 FIRST FLOOR LIGHTING PLAN
 1/8" = 1'-0"

RESIDENCES AT RED CEDAR
NEW SENIOR-LIVING FACILITY

TEXAS

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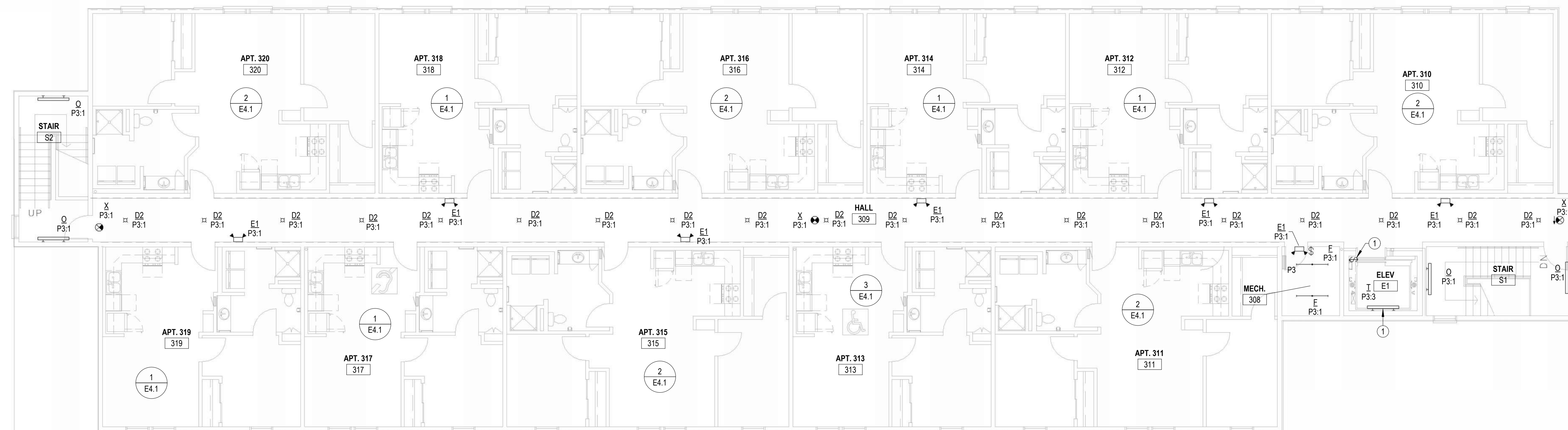


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 SHEET NO.:

E1.1

NOTES BY SYMBOL
 1 INSTALL LIGHT FIXTURE, SWITCH, AND RECEPTACLE AT TOP OF HOISTWAY. VERIFY EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR INSTALLER.



1 THIRD FLOOR LIGHTING PLAN
 E1.2 1/8" = 1'-0"

RESIDENCES AT RED CEDAR

NEW SENIOR-LIVING FACILITY

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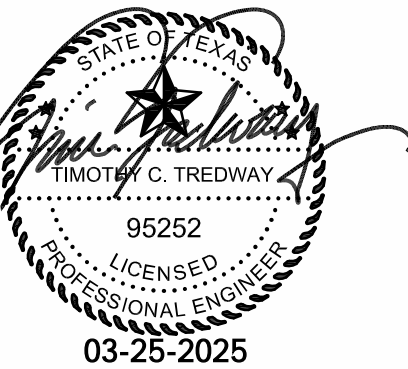
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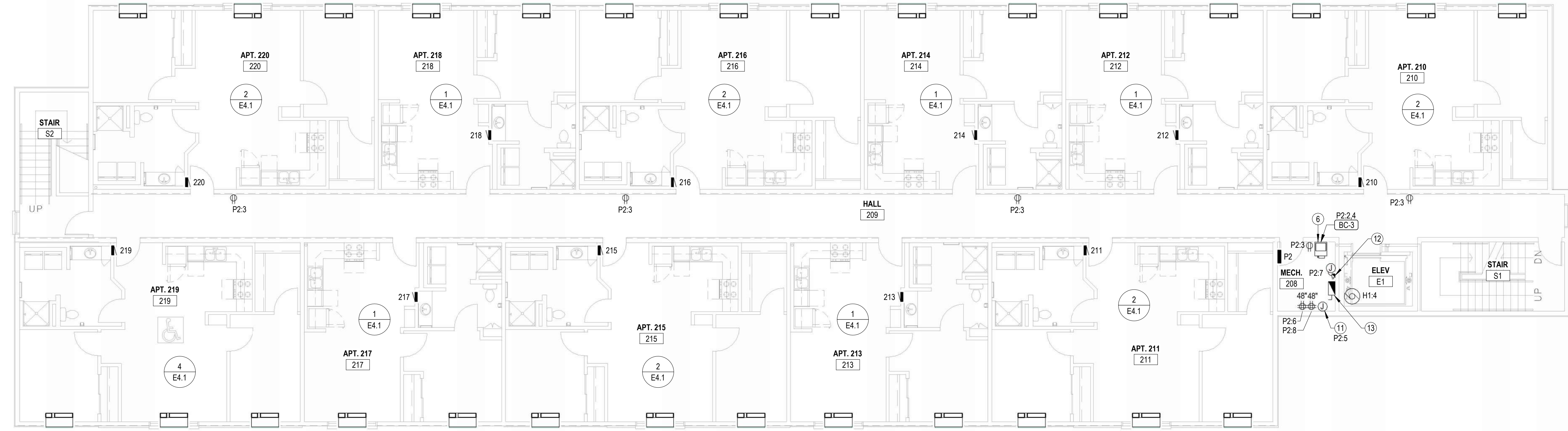
E1.2



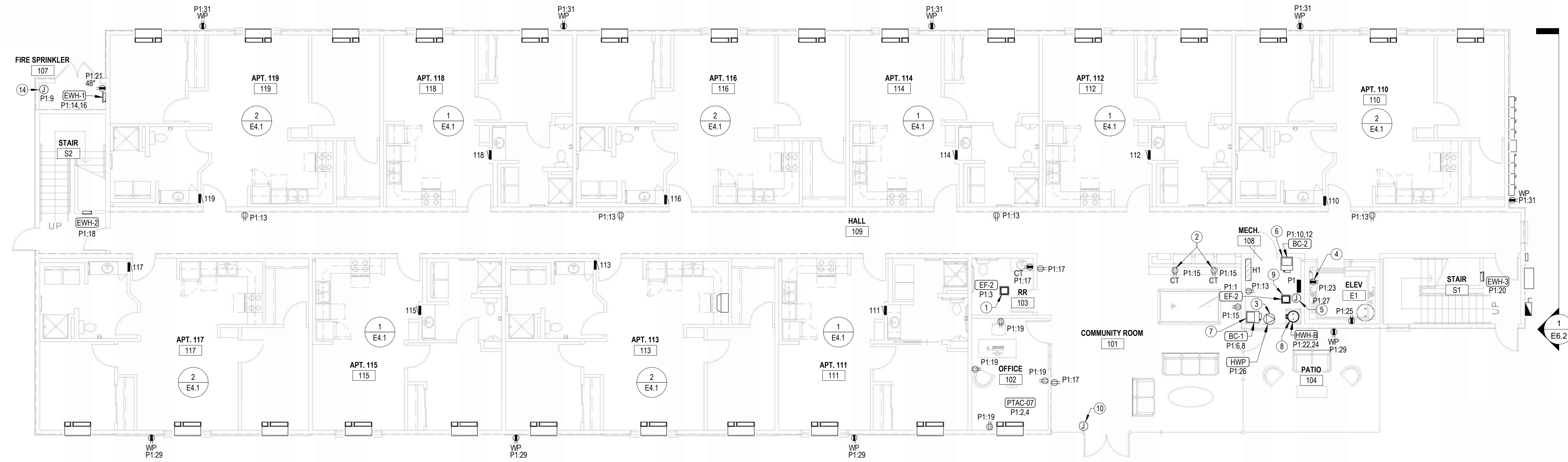
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- NOTES BY SYMBOL**
- 1 SWITCH EXHAUST FAN WITH ROOM LIGHTS.
 - 2 COORDINATE ELECTRICAL ROUGH-IN LOCATIONS WITH FINAL CASEWORK DESIGN.
 - 3 ROUTE 120V CIRCUIT FOR HOT WATER RECIRCULATION PUMP THROUGH ADJACENT AQUASTAT. PROVIDE 20A/1P SNAP SWITCH ADJACENT TO PUMP AND MAKE FINAL FLEXIBLE CONNECTION. COORDINATE WITH PLUMBING CONTRACTOR.
 - 4 INSTALL RECEPTACLE ON WALL OF ELEVATOR PIT. VERIFY EXACT LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
 - 5 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.
 - 6 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE. HUBBELL #HBL7842D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 7 PROVIDE 40A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE. HUBBELL #HBL7842D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 8 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 9 SWITCH EXHAUST FAN FOR CONTINUOUS OPERATION.
 - 10 PROVIDE PUSH ROUGH-IN AND PREP DOOR JAM WITH RACEWAY AS INDICATED IN DETAIL 3.E6.1 FOR AUTOMATIC DOOR OPENER. COORDINATE EXACT REQUIREMENTS WITH OWNER.
 - 11 PROVIDE POWER FOR ELEVATOR SHUNT TRIP CONTROL. SEE 1.E6.1 FOR MORE INFORMATION.
 - 12 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" AFT 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.
 - 13 ELEVATOR POWER MODULE SWITCH: 400A/208V/3P SWITCH COMPLETE WITH 225A 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-4-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. SEE DETAIL 1.E6.1.
 - 14 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.

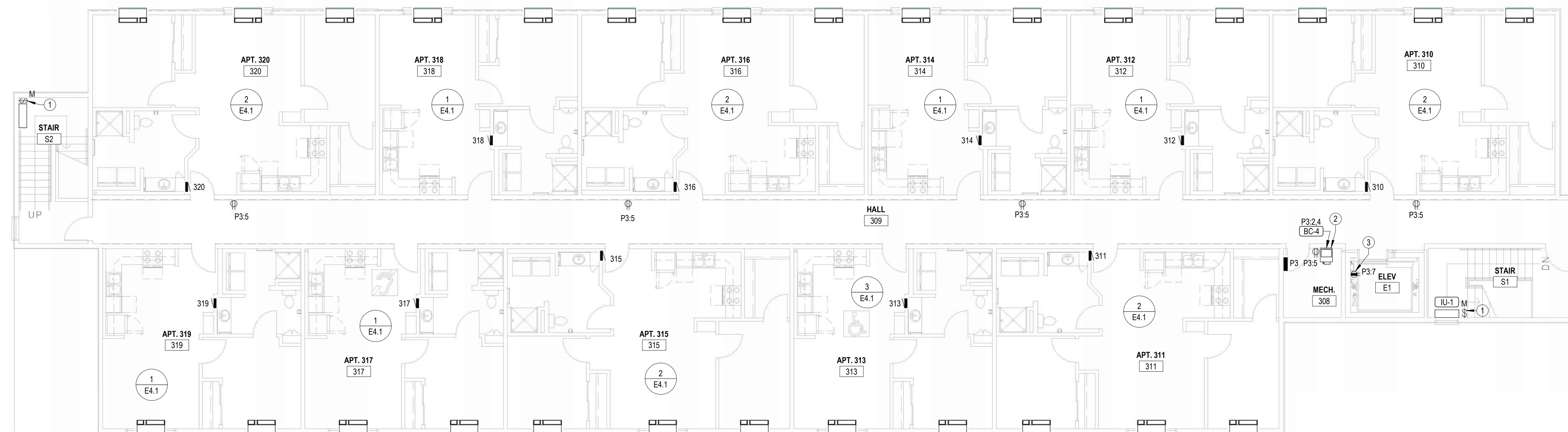


2 SECOND FLOOR POWER PLAN
 1/8" = 1'-0"



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

- NOTES BY SYMBOL**
- 1 INDOOR UNIT POWERED FROM HEAT PUMP. PROVIDE 20A 3-POLE MOTOR RATED SNAP-SWITCH AND ROUTE (3)#12, #12G, 1/2" C BETWEEN INDOOR UNIT AND ASSOCIATED HEAT PUMP ON ROOF. SEE ME-1.1 FOR HEAT PUMP LOCATIONS.
 - 2 PROVIDE 30A/2P, SINGLE THROW, MANUAL MOTOR CONTROLLER SNAP SWITCH IN NEMA 1 ENCLOSURE. HUBBELL #HBL7842D OR EQUAL. MAKE FINAL FLEXIBLE CONNECTION TO BLOWER COIL/ELECTRIC HEAT.
 - 3 INSTALL LIGHT FIXTURE, SWITCH, AND RECEPTACLE AT TOP OF HOISTWAY. VERIFY EXACT MOUNTING LOCATION AND REQUIREMENTS WITH ELEVATOR INSTALLER.



1 THIRD FLOOR POWER PLAN
 E1.4 1/8" = 1'-0"

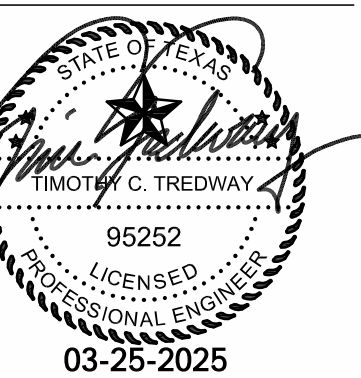


RESIDENCES AT RED CEDAR

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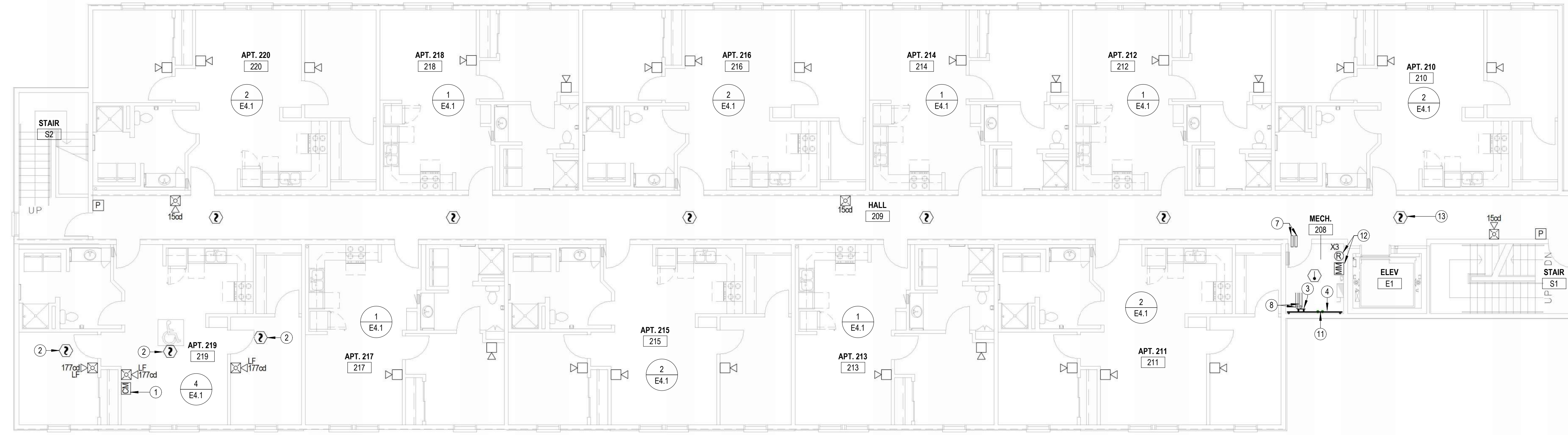


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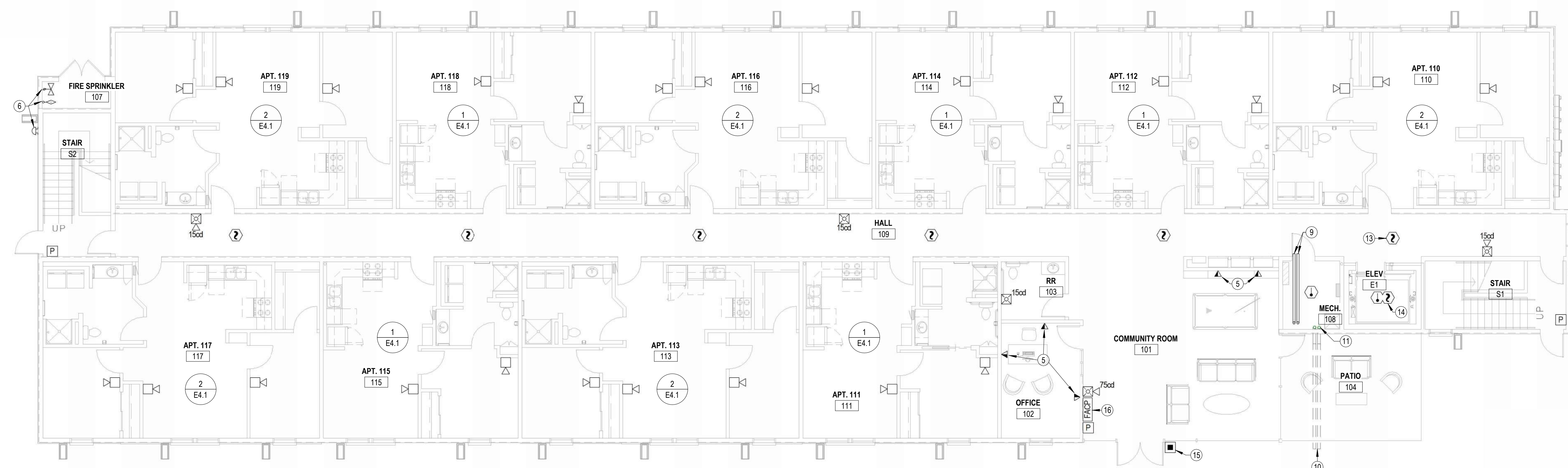
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E1.4

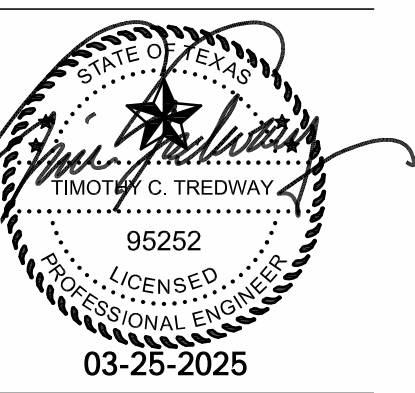
- NOTES BY SYMBOL**
- FIRE ALARM ADDRESSABLE CONTROL MODULE FOR CONTROL OF APARTMENT UNITS NOTIFICATION APPLIANCE CIRCUIT. MODULE SHALL BE PROGRAMMED TO ACTIVATE APARTMENT UNITS NOTIFICATION APPLIANCES UPON GENERAL BUILDING FIRE ALARM AND UPON ACTIVATION OF ANY SMOKE DETECTOR OR CO DETECTOR WITHIN APARTMENT UNIT. MOUNT FLUSH IN WALL AT 8'-0" AFF.
 - FIRE ALARM SMOKE DETECTOR.
 - 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. ALL CONNECTIONS TO GROUND BAR SHALL BE MADE USING COMPRESSION TYPE LUGS.
 - PROVIDE 8" LONG SHEET OF 3/4" ACX FIRE RETARDANT PLYWOOD INSTALLED VERTICALLY WITH BOTTOM AT 6" AFF. WIDTHS REQUIRED. PLYWOOD SHALL BE 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.
 - COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER.
 - 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.
 - 4" EMT CONDUIT SLEEVE(S) THROUGH WALL WITH NYLON BUSHINGS FOR COMMUNICATIONS CABLING. QUANTITY AND SIZE AS REQUIRED. INSTALL ABOVE ACCESSIBLE CEILING. WHERE CONDUITS PENETRATE FIRE WALL, PROVIDE WITH FIRESTOPPING FITTINGS (WIREMOLD #FS4R-RED) AT BOTH ENDS.
 - 4" CONDUIT DOWN TO FIRST FLOOR. WHERE CONDUIT PENETRATES FIRE RATED ASSEMBLY, PROVIDE WITH FIRESTOPPING FITTINGS (WIREMOLD #FS4R-RED) AT BOTH ENDS. TERMINATE CONDUIT ABOVE ACCESSIBLE CEILING.
 - 4" CONDUIT DOWN FROM SECOND FLOOR. WHERE CONDUIT PENETRATES FIRE RATED ASSEMBLY, PROVIDE WITH FIRESTOPPING FITTINGS (WIREMOLD #FS4R-RED) AT BOTH ENDS. TERMINATE CONDUIT ABOVE ACCESSIBLE CEILING.
 - SEE SITE PLAN FOR CONTINUATION.
 - (2) 4" CONDUIT UP TO SECOND FLOOR FOR COMMUNICATIONS SERVICES. TERMINATE ABOVE SECOND FLOOR AND BELOW COMMUNICATIONS BACKBOARD.
 - 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 1, SHEET E6.1.
 - ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 1, SHEET E6.1.
 - SMOKE DETECTOR AND HEAT DETECTOR IN ELEVATOR PIT FOR RECALL AND SHUT-DOWN. SEE DETAIL 1, SHEET E6.1.
 - PROVIDE PUSH ROUGH-IN AND PREP DOOR JAM WITH RACEWAY AS INDICATED IN DETAIL 3-E6.1 FOR AUTOMATIC DOOR OPENER. COORDINATE EXACT REQUIREMENTS WITH OWNER.
 - 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.



2 SECOND FLOORS PECIAL SYSTEMS PLAN
 E1.5 1/8" = 1'-0"



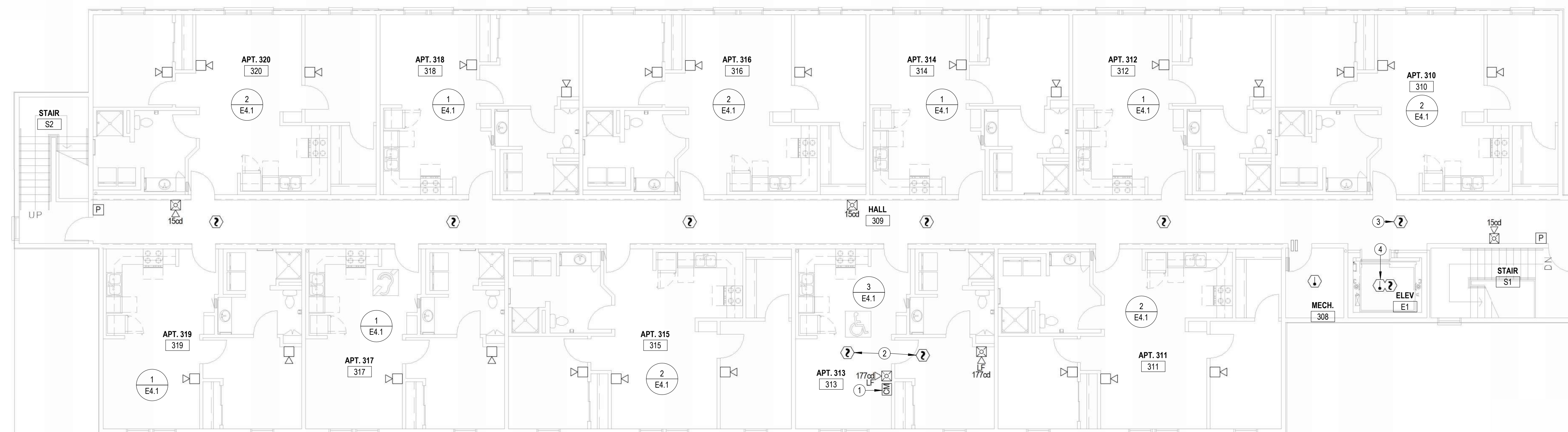
1 FIRST FLOOR SPECIAL SYSTEMS PLAN
 E1.5 1/8" = 1'-0"



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- NOTES BY SYMBOL**
- 1 FIRE ALARM ADDRESSABLE CONTROL MODULE FOR CONTROL OF APARTMENT UNIT'S NOTIFICATION APPLIANCE CIRCUIT. MODULE SHALL BE PROGRAMMED TO ACTIVATE APARTMENT UNIT'S NOTIFICATION APPLIANCES UPON GENERAL BUILDING FIRE ALARM AND UPON ACTIVATION OF ANY SMOKE DETECTOR OR CO DETECTOR WITHIN APARTMENT UNIT. MOUNT FLUSH IN WALL AT 8'-0" AFF.
 - 2 FIRE ALARM SMOKE DETECTOR.
 - 3 ELEVATOR LOBBY SMOKE DETECTOR FOR ELEVATOR RECALL. SEE DETAIL 1, SHEET E6.1.
 - 4 SMOKE DETECTOR AND HEAT DETECTOR AT TOP OF ELEVATOR HOISTWAY FOR RECALL AND SHUT-DOWN. SEE DETAIL 1, SHEET E6.1.



RESIDENCES AT RED CEDAR
NEW SENIOR-LIVING FACILITY

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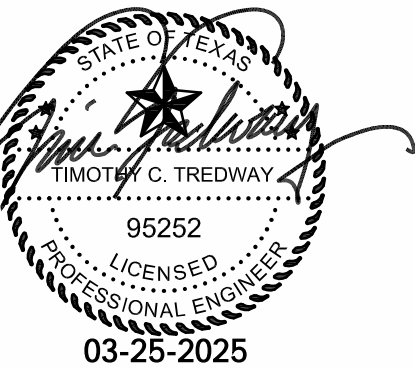


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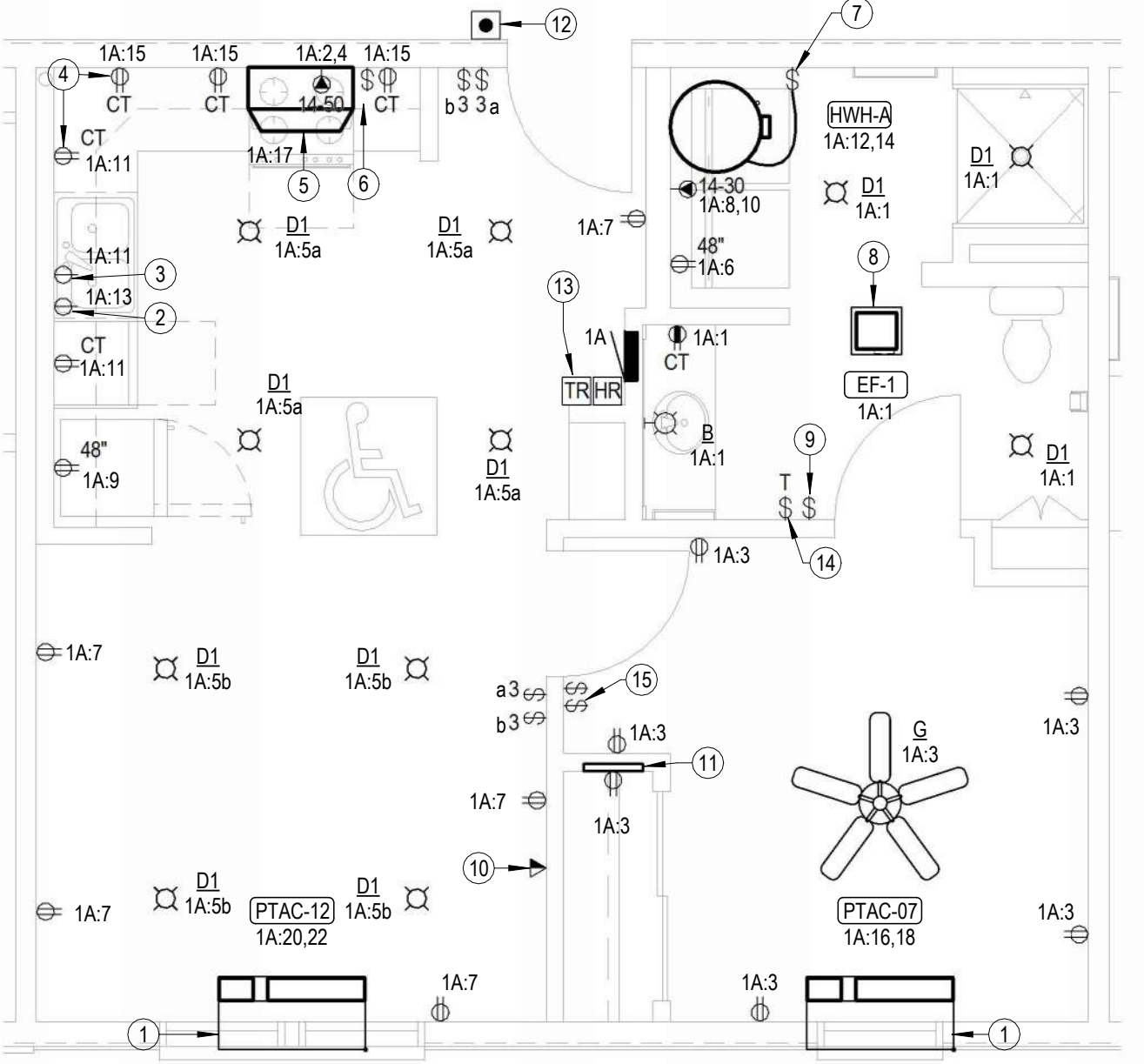
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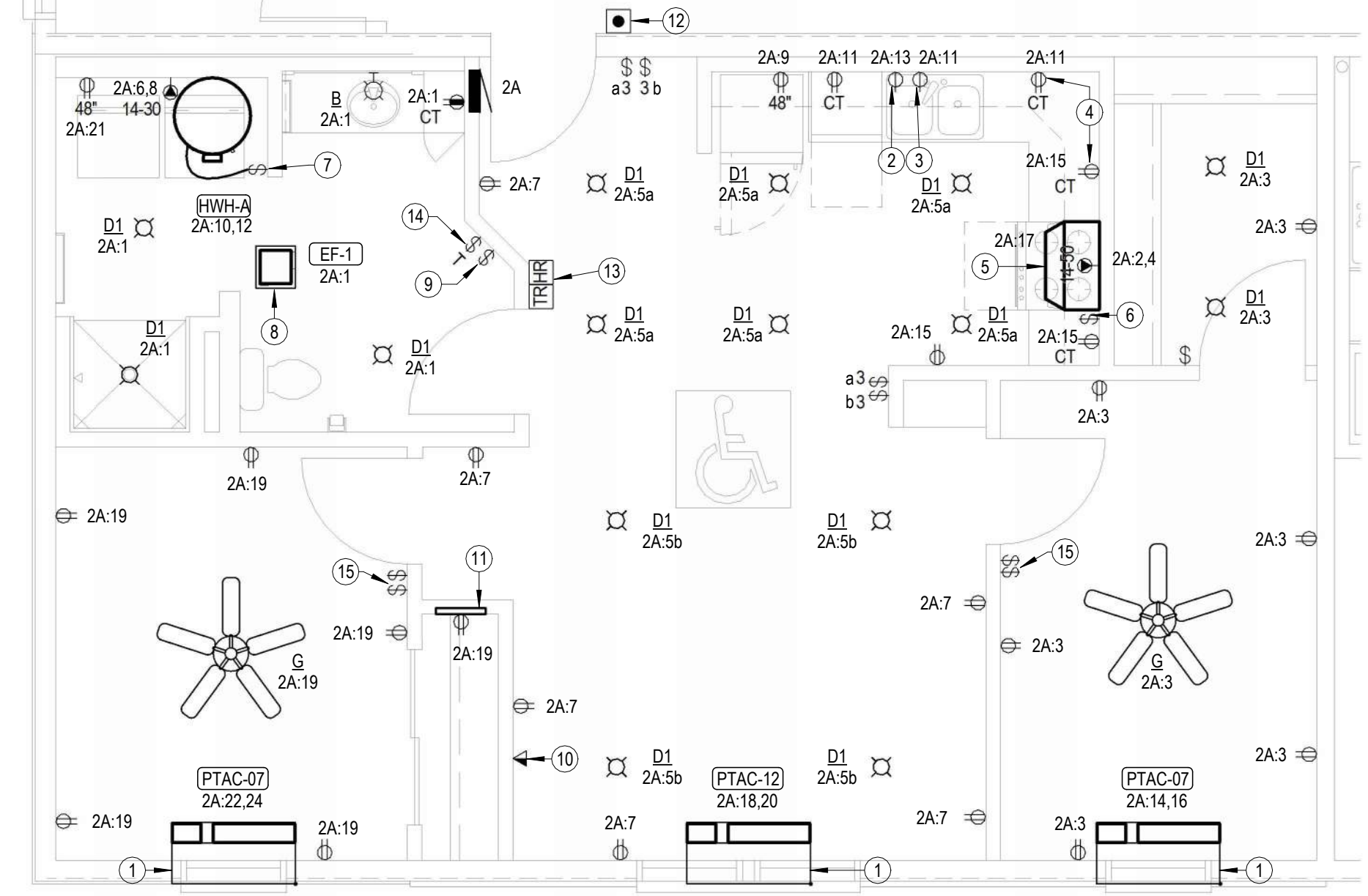
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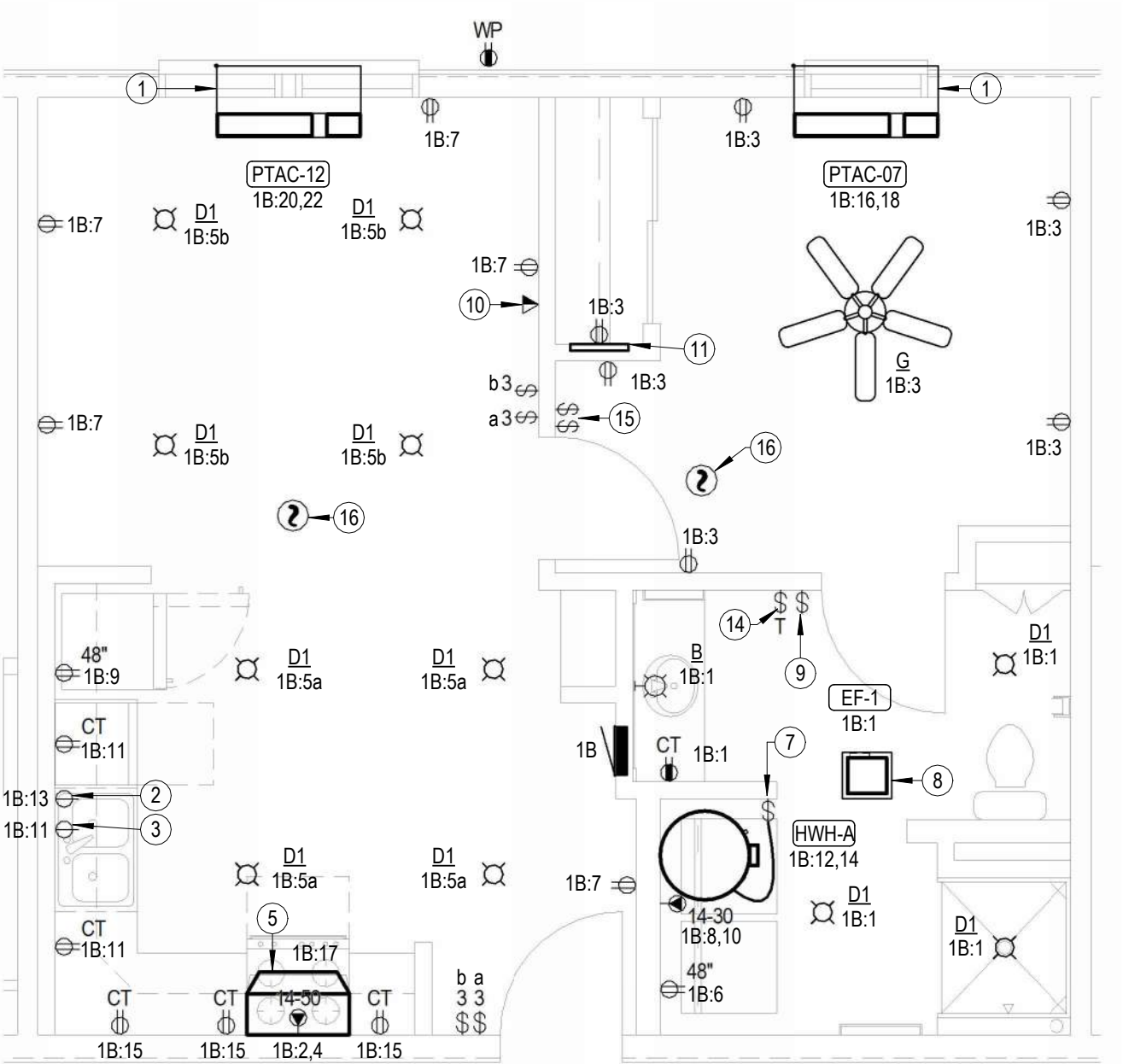
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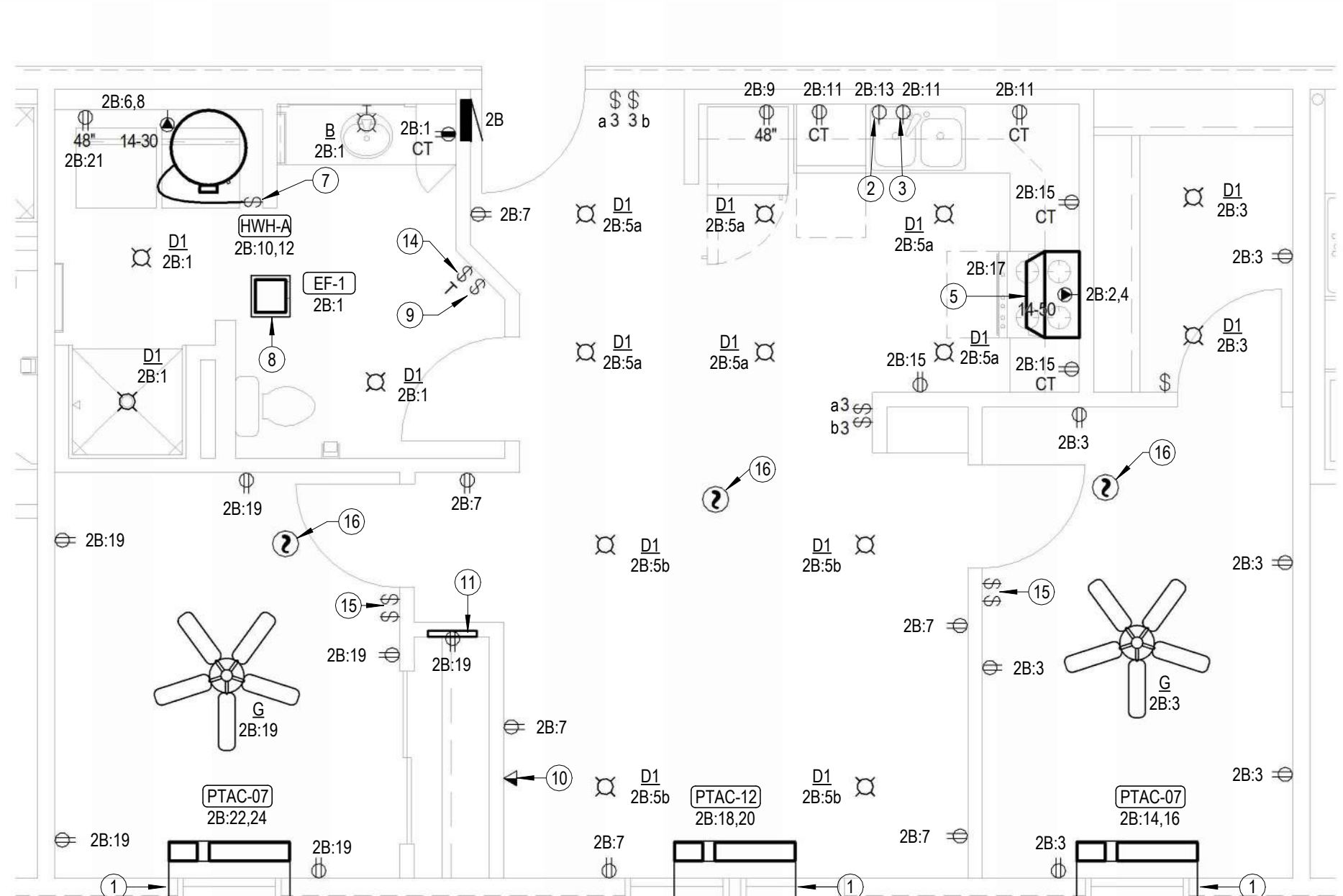
3 TYPICAL 1 BEDROOM (1A) ACCESSIBLE ENLARGED ELECTRICAL PLAN
 E4.1 1/4" = 1'-0"



4 TYPICAL 2 BEDROOM ACCESSIBLE (2A) ENLARGED ELECTRICAL PLAN
 E4.1 1/4" = 1'-0"



1 TYPICAL 1 BEDROOM (1B) ENLARGED ELECTRICAL PLAN
 E4.1 1/4" = 1'-0"



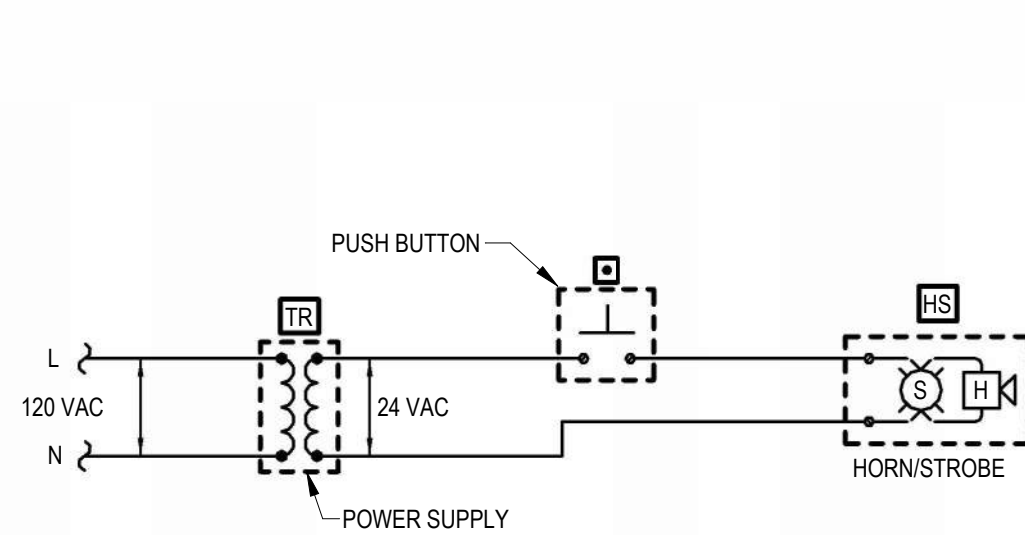
2 TYPICAL 2 BEDROOM (2B) ENLARGED ELECTRICAL PLAN
 E4.1 1/4" = 1'-0"

- NOTES BY SYMBOL
- 1 PROVIDE NEMA6-20R RECEPTACLE FOR CORD AND PLUG CONNECTION OF PTAC. VERIFY RECEPTACLE CONFIGURATION WITH PTAC SUPPLIED BY MECHANICAL CONTRACTOR. INSTALL RECEPTACLE CONCEALED IN UNIT SUB-BASE.
 - 2 PROVIDE RECEPTACLE BELOW COUNTER FOR CORD AND PLUG CONNECTION OF DISHWASHER. PROVIDE CORD AND GROUNDING PLUG AS REQUIRED.
 - 3 SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
 - 4 IN ACCESSIBLE UNITS, INSTALL COUNTERTOP RECEPTACLES A MINIMUM 36" AWAY FROM CORNER PER FAIR HOUSING ACT DESIGN MANUAL CHAPTER 5 'SIDE REACH OVER AN OBSTRUCTION' REQUIREMENTS. WHERE AN OBSTRUCTION PREVENTS 36" DISTANCE REQUIREMENT, INSTALL RECEPTACLE AS FAR FROM CORNER AS POSSIBLE. PROVIDE ADDITIONAL OUTLETS WITHIN 36" OF CORNER TO ENSURE COMPLIANCE WITH NEC SPACING REQUIREMENTS.
 - 5 PROVIDE 120V CONNECTION TO MICROWAVE/RANGE HOOD. STANDARD AND ADAPTABLE UNITS WILL HAVE MICROWAVE ABOVE RANGE. ACCESSIBLE UNITS WILL HAVE RANGE HOOD. COORDINATE EXACT ELECTRICAL ROUGH-IN REQUIREMENTS WITH EQUIPMENT PROVIDED. IF EQUIPMENT IS CORD AND PLUG, PROVIDE RECEPTACLE INSIDE CABINET ABOVE RANGE.
 - 6 PROVIDE SWITCH IN ACCESSIBLE UNITS FOR CONTROL OF RANGE HOOD.
 - 7 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
 - 8 CONNECT EXHAUST FAN/LIGHT PROVIDED BY MECHANICAL CONTRACTOR.
 - 9 SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
 - 10 COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER.
 - 11 TELECOM DISTRIBUTION DEVICE APPROXIMATELY 4'-0" AFF. COORDINATE EXACT REQUIREMENTS WITH UTILITY PROVIDER SELECTED BY OWNER.
 - 12 PROVIDE PUSH BUTTON AT 48" AFF FOR ANNUNCIATOR SYSTEM AT ALL ACCESSIBLE APARTMENTS AND ALSO AT APARTMENTS DESIGNATED FOR HEARING-IMPAIRED. REFER TO ARCH DRAWINGS FOR APPLICABLE ROOMS. SEE DETAIL 4, SHEET E6.1.
 - 13 PROVIDE DOOR ANNUNCIATOR SYSTEM AND LOW VOLTAGE TRANSFORMER AT ALL ACCESSIBLE APARTMENTS AND ALSO AT APARTMENTS DESIGNATED HEARING-IMPAIRED. INSTALL HORN/STROBE APPLIANCE AT 80" AFF. INSTALL TRANSFORMER IN DOUBLE GANG JUNCTION BOX ABOVE HORN/STROBE WITH BLANK COVER PLATE AND PROVIDE LOW VOLTAGE CONTROL WIRING. SEE DETAIL 4, SHEET E6.1. PROVIDE ENGRAVED SIGN AT THE HORN/STROBE DEVICE TO READ "DOOR".
 - 14 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:
 1 BEDROOM: 16 MINUTES PER HOUR
 2 BEDROOM: 24 MINUTES PER HOUR
 - 15 SWITCH FAN AND LIGHT SEPARATELY.
 - 16 CEILING MOUNTED SMOKE ALARM IN APARTMENTS TO BE 120VAC WITH 9V BATTERY BACKUP, INTERCONNECTED TO OTHERS IN SAME APARTMENT. DEVICE SHALL HAVE PHOTOELECTRIC TYPE SMOKE DETECTOR WITH SOUNDER HORN HAVING AN 85 dB OUTPUT AT 10', SHALL HAVE A SINGLE BUTTON FOR TEST/SILENCE AND LED INDICATOR LIGHTS, AND SHALL BE UL 217 LISTED, BRK #SC701LBL OR EQUAL.

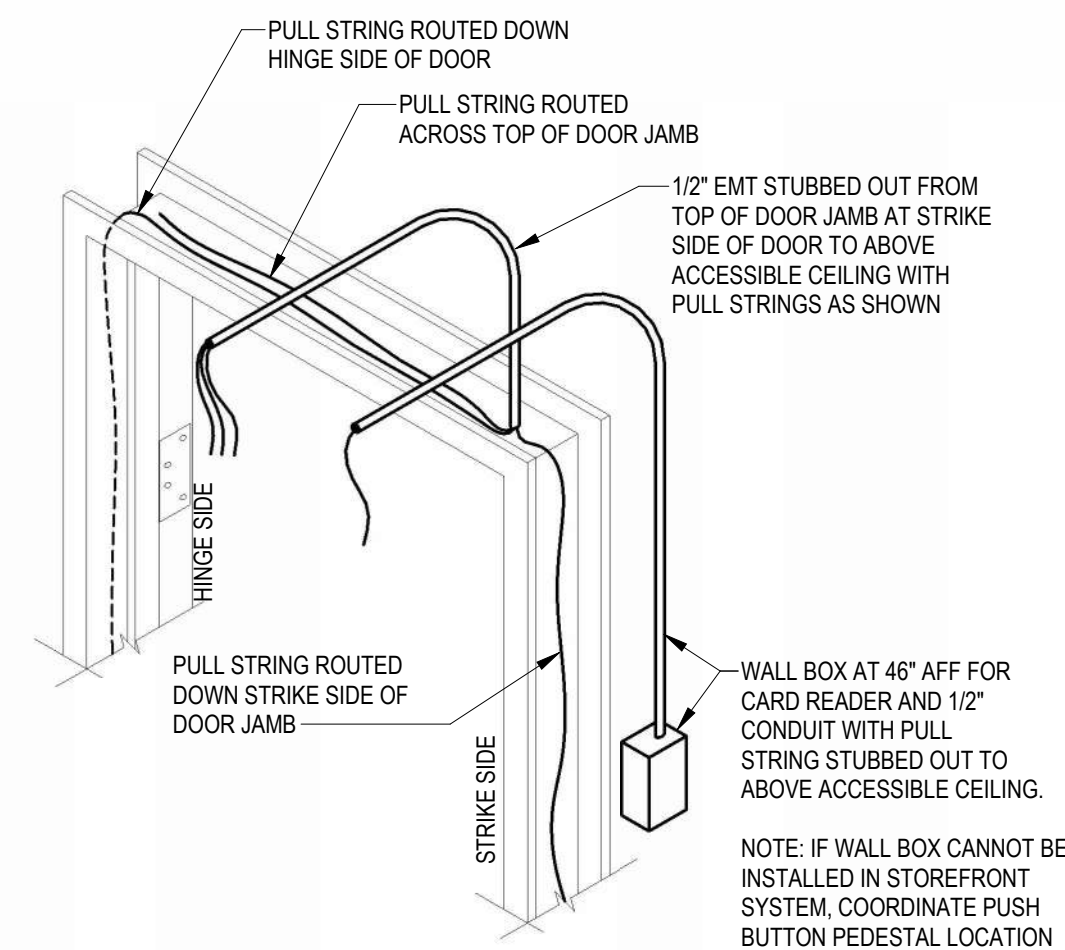
LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	WATTAGE	LUMEN OUTPUT	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
B	TBD	SELECTED BY OWNER	35 W	2800 lm	STANDARD	SURFACE WALL	WHITE	LED VANITY LIGHT	--
C	TBD	SELECTED BY OWNER			0-10V DIMMING TO 10%	CEILING SURFACE	TBD	POOL TABLE LIGHT SELECTED BY OWNER	--
D1	HALO	SMD6R8930WH	10 W	777 lm	0-10V DIMMING TO 10%	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT	6,11
D2	LITHONIA	SMD6R12930WH	16 W	1271 lm	0-10V DIMMING TO 10%	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT	--
E1	LITHONIA	ELMR1 UVOL-TLTP				SURFACE WALL	WHITE	LED DUAL-HEAD EMERGENCY LIGHT	1
F	DAY-BRITE CFI	FSS440-840-UNV-DIM	30 W	4077 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4' STANDARD STRIP WITH CURVED FROSTED ACRYLIC LENS	--
G	SEA GULL	15930EN-829	20 W		STANDARD	CEILING SURFACE	BRONZE	52" DIAMETER CEILING FAN WITH LED LIGHT KIT	--
H	LITHONIA	FML4W-48-5000LM-840-ZT-MVOLT	53 W	5000 lm	LED DRIVER, 0-10V DIMMABLE, 10%	SURFACE	WHITE	1x4 SURFACE, LED DECORATIVE	--
M	LITHONIA	PRD12094WCL-Z10U	10 W	1000 lm	0-10V DIMMING TO 10%	RECESSED	WHITE	6" ROUND RECESSED MOUNTED DOWNLIGHT	4
N1	GARDCO	GCM-805-840-WAW-SPT	36 W	3000 lm	STANDARD	SURFACE WALL	BLACK	EXTERIOR LED UP/DOWN WALL SCONCE WITH SPOT UP AND WALL WASH DOWN DISTRIBUTION	--
N2	GARDCO	GCM-802-840-SPT	18 W	1611 lm	STANDARD	SURFACE WALL	BLACK	EXTERIOR LED UP ONLY WALL SCONCE WITH SPOT DISTRIBUTION	--
O	LITHONIA	WL4-40L-EZ1-LP830-MSD7-DIM50-E10WLCP	40 W	3927 lm	STANDARD	SURFACE WALL	WHITE	4 FT. WALL MOUNTED STAIRWELL LIGHT WITH INTEGRAL OCCUPANCY SENSOR, 50% DIMMING WHEN UNOCCUPIED, AND EMERGENCY BATTERY BACKUP	8
R1	LITHONIA	DSX0-LED-P6-40K-70CRI-T5W-MVOLT	137 W	18180 lm	LED DRIVER	ROUND POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE V DISTRIBUTION	3,7,10
R2	LITHONIA	DSX0-LED-P1-40K-70CRI-T2M-MVOLT-HS	33 W	4735 lm	LED DRIVER	ROUND POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE II DISTRIBUTION WITH HOUSESIDE SHIELD	3,7,10
R3	LITHONIA	DSX0-LED-P1-40K-70CRI-T3M-MVOLT	33 W	4790 lm	LED DRIVER	ROUND POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE III DISTRIBUTION	3,7,10
R4	LITHONIA	DSX0-LED-P1-40K-70CRI-T4M-MVOLT	33 W	4860 lm	LED DRIVER	ROUND POLE	BLACK	LED AREA LIGHT, SINGLE HEAD FULL CUT-OFF WITH IES TYPE IV DISTRIBUTION	3,7,10
S	ACCLAIM	DFB-111-AKEU	50 W	2455 lm	STANDARD	GRADE	BLACK	IP-66 RATED, GRADE MOUNTED LED FLOOD LIGHT	3
T	LITHONIA	FEM-L48-4000LM-IMAFL-WD-MVOLT-GZ10-35K-80CRI	24 W	3615 lm	STANDARD	SURFACE WALL	WHITE	4 FT. FULLY ENCLOSED AND GASKETED INDUSTRIAL FIXTURE WITH FROSTED, RIBBED, IMPACT-RESISTANT ACRYLIC LENS	--
W	LITHONIA	MRWLED-P1-40K-SR4-MVOLT-E20WC	20 W	2189 lm	STANDARD	WALL	BLACK	EXTERIOR LED WALL PACK WITH IES TYPE 4 DISTRIBUTION, AND EMERGENCY BATTERY BACKUP	1,3
X	LIFE SAFETY LIGHTING	LSXS2RWEMSDT			--	CEILING	WHITE	UNIVERSAL SINGLE/DOUBLE FACE POLYCARBONATE EXIT SIGN	2

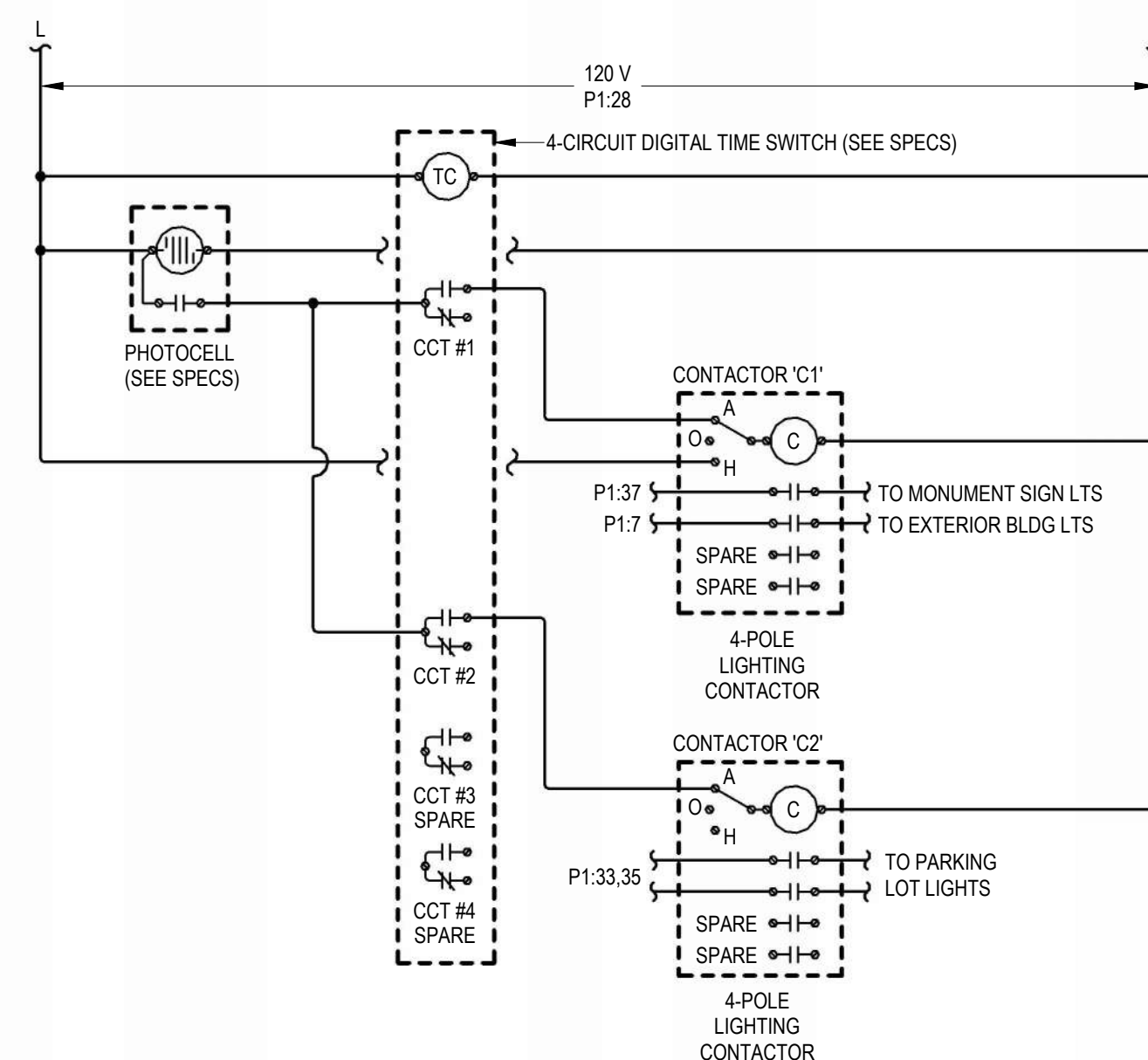
- GENERAL:**
- ALL LED FIXTURES SHALL ADHERE TO LM79 AND LM80 STANDARDS
 - PROVIDE MANUFACTURER'S FLANGE KIT WHERE LAY-IN FIXTURES ARE TO BE INSTALLED IN GYP.
 - ALL APARTMENT LIGHT FIXTURES SHALL BE ENERGY STAR CERTIFIED
- NOTES:**
- PROVIDE FIXTURE WITH EMERGENCY BATTERY INTEGRAL CHARGER WITH SELF-DIAGNOSTIC/SELF-TESTING ELECTRONICS.
 - FIXTURE SHALL BE CAPABLE OF WALL OR CEILING MOUNT APPLICATIONS AND SHALL HAVE BREAK-OUT DIRECTIONAL CHEVRONS.
 - U.L. LISTED FOR 'WET LOCATION'.
 - U.L. LISTED FOR 'DAMP LOCATION'.
 - FIXTURE TO BE SELECTED BY INTERIOR DESIGNER, COORDINATE ALL REQUIREMENTS WITH INTERIOR DESIGNER
 - WHERE INSTALLED IN BATHROOMS TO BE 'DAMP LOCATION' U.L. LISTED, WHERE ABOVE SHOWERS TO BE 'WET LOCATION' U.L. LISTED.
 - FIXTURE/POLE ASSEMBLY SHALL BE RATED FOR 100 MPH WIND LOADS. PROVIDE WITH VIBRATION DAMPER PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE FIXTURE WITH INTEGRAL OCCUPANCY SENSOR AND CONTROLS TO DIM FIXTURE TO 50% LIGHT OUTPUT WITH UNOCCUPIED.
 - PROVIDE FIXTURE/POLE ASSEMBLY WITH 10" ROUND STRAIGHT STEEL POLE, BLACK TO MATCH FIXTURE. FIXTURE HEIGHT SHALL NOT EXCEED 11'-0".
 - PROVIDE FIXTURE/POLE ASSEMBLY WITH 20" ROUND STRAIGHT STEEL POLE, BLACK TO MATCH FIXTURE. FIXTURE HEIGHT SHALL NOT EXCEED 23'-0".
 - FIXTURE TO COMPLY WITH NEC 410-110(C)(5) WHERE INSTALLED IN CLOSETS.



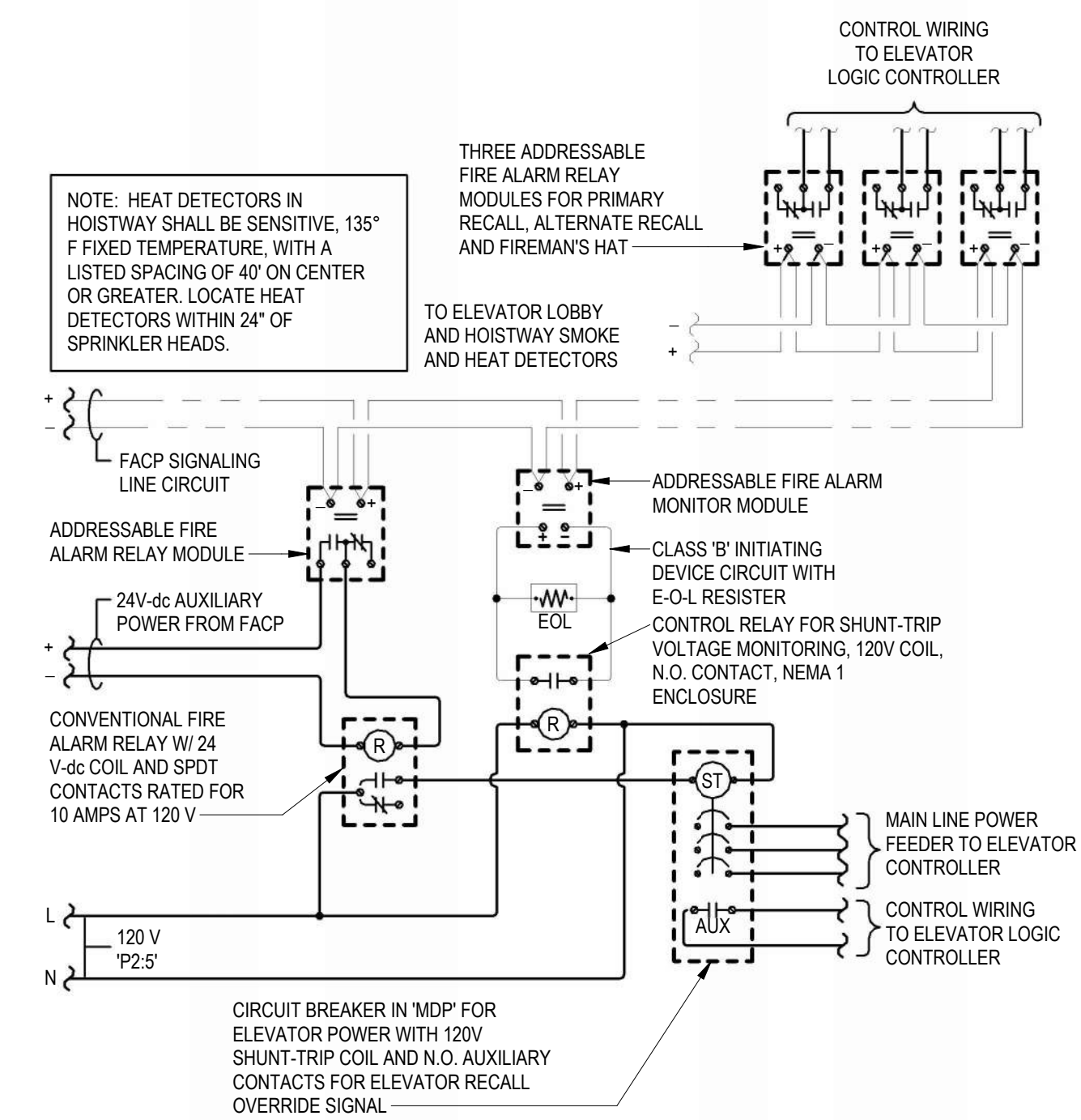
- DOOR ALARM BUZZER SYSTEM NOTES**
- PROVIDE DOOR ANNUNCIATOR SYSTEM COMPLETE WITH PUSH BUTTON, HORN/STROBE(S), POWER SUPPLIES AND ALL WIRING REQUIRED. HORN/STROBE SHALL ACTIVATE WHEN PUSH BUTTON IS DEPRESSED.
 - HORN/STROBE SHALL OPERATE AT 24VAC. HAVE A CLEAR LENS WITH 50cd STROBE AND HORN WITH 82dB AT 10', UL 1638 LISTED, EDWARDS #5536-GS. FLUSH MOUNT IN WALL AT 6'-8" AFF.
 - PUSH BUTTON SHALL BE SELECTED BY INTERIOR DESIGNER, MOUNT AT 48" AFF. ENSURE COMPATIBILITY WITH ACCESSIBLE UNIT HORN STROBE.
 - POWER SUPPLY SHALL BE A LOW VOLTAGE CLASS 2 TRANSFORMER COMPATIBLE WITH DOORBELL SELECTED BY INTERIOR DESIGNER. FLUSH MOUNT IN 2-GANG WALL BOX WITH BLANK COVER PLATE, DIRECTLY ABOVE HORN/STROBE.
 - LOW VOLTAGE CLASS 2 CABLING SHALL BE MINIMUM 18 AWG UNSHIELDED.



3 DOOR ACCESS CONTROL ROUGH-IN DIAGRAM
 NO SCALE



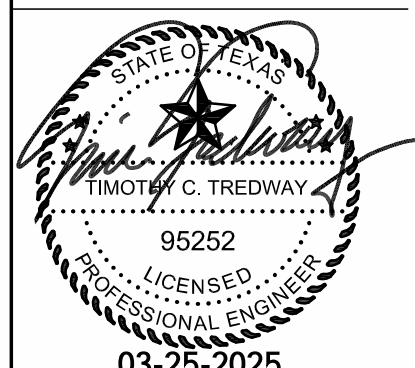
2 LIGHTING CONTROL DIAGRAM
 NO SCALE



- ELEVATOR RECALL AND SHUT-DOWN SEQUENCE OF OPERATION:**
- 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 CAB AT THAT FLOOR, DISABLING THE ELEVATOR CAB CONTROLS, UNLESS A FIREMAN'S KEY IS USED TO OVERRIDE AUTOMATIC CONTROLS.
 - ALL SMOKE DETECTORS ASSOCIATED WITH ELEVATOR RECALL (LOBBY AND HOISTWAY) SHALL TRANSMIT A SEPARATE AND DISTINCT VISIBLE ANNUNCIATION AT THE FIRE ALARM CONTROL PANEL.
 - 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 (VIA A CONVENTIONAL FIRE ALARM RELAY) THE SHUNT-TRIP BREAKER 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.

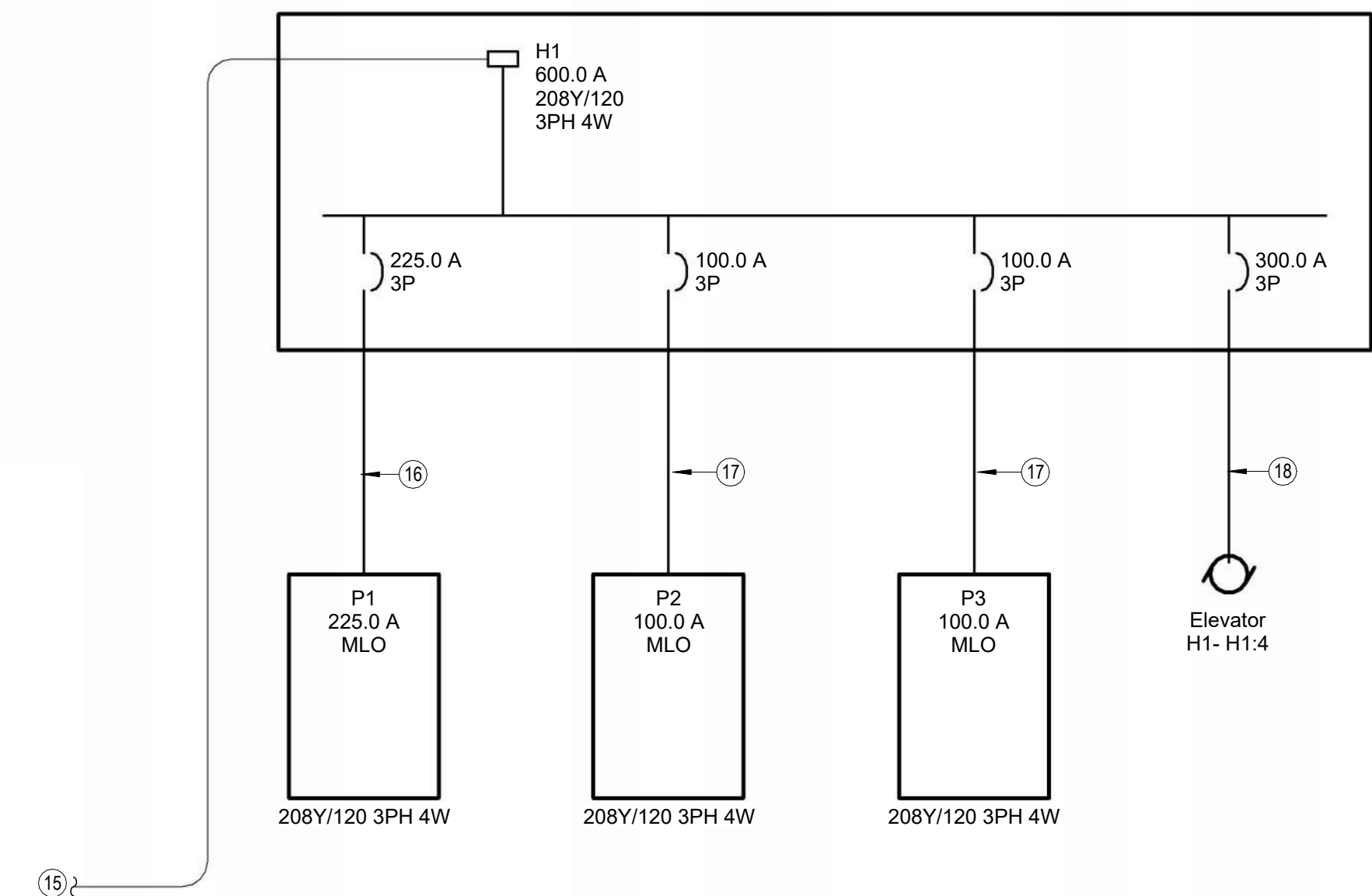
1 ELEVATOR RECALL AND SHUT-DOWN WIRING DIAGRAM
 NO SCALE

4 ACCESSIBLE APARTMENT DOORBELL WIRING SCHEMATIC
 NO SCALE



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2 HOUSE ELECTRIC SERVICE ONE-LINE DIAGRAM
 1" = 1'-0"

APARTMENT PANEL NUMBER	FEEDER SIZE
110, 111, 112, 114, 116, 118, 210, 211, 212, 213, 214, 216, 218, 310, 311, 312, 313, 314	1-1/4" C, 2#1, #1N, #6G
113, 115, 215, 217, 315, 316, 318	1-1/2" C, 2-1/0, 1/0N, #4G
119, 317	1-1/2" C, 2-2/0, 2/0N, #4G
117, 219, 220, 319, 320	2" C, 2-3/0, 3/0N, #3G

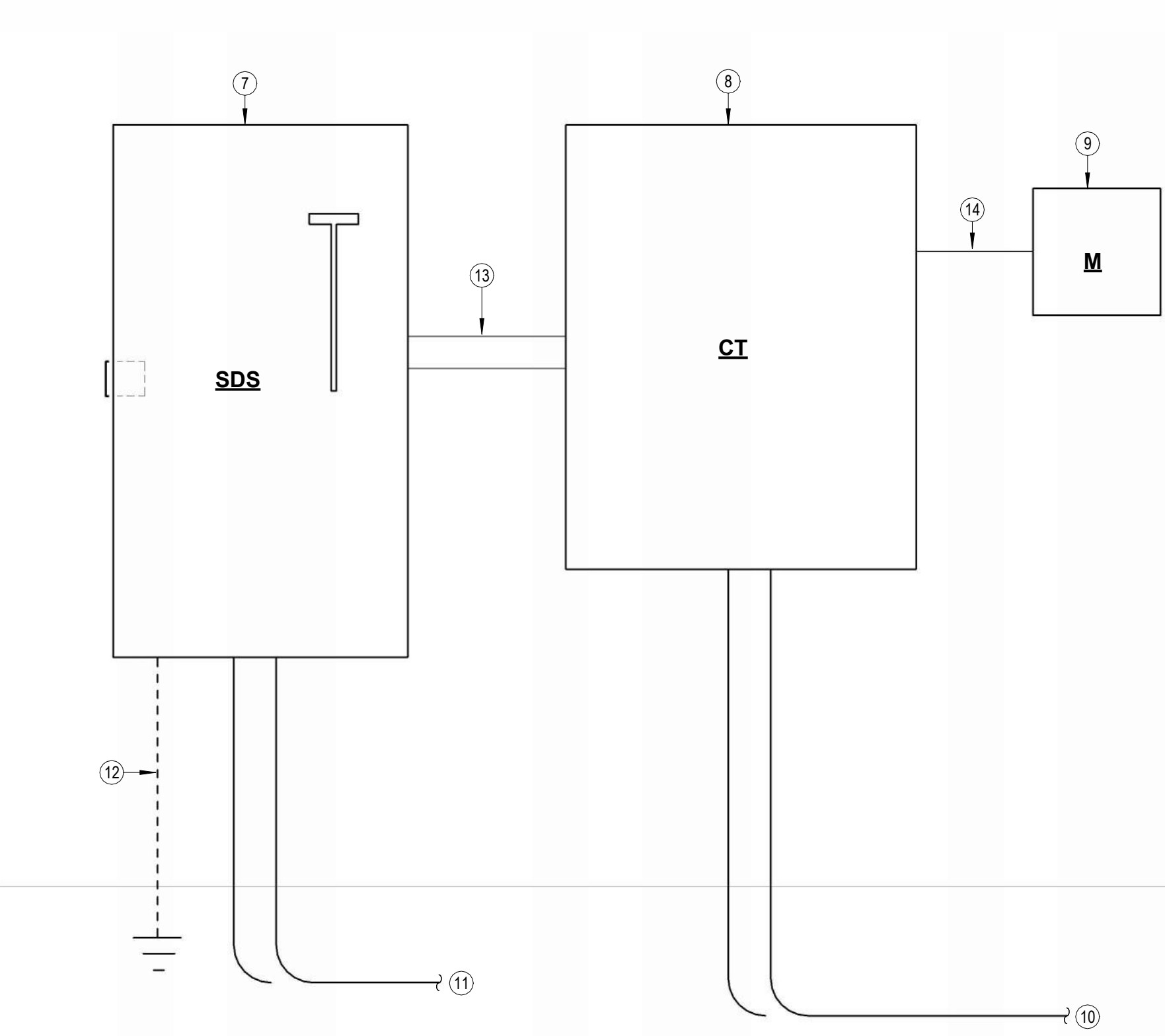
NOTES:
 1. VOLTAGE DROP HAS BEEN ACCOUNTED FOR IN SIZES INDICATED, FURTHER UPSIZING OF FEEDERS IS NOT...
 2. ENSURE PANEL LUGS ARE ADEQUATELY SIZED TO HANDLE UP-SIZED FEEDERS. PROVIDE LUG ADAPTER KIT.

APARTMENT PANEL NUMBER	FEEDER SIZE
110, 111, 112, 114, 210, 211, 212, 214, 310, 311, 312, 314	(3)#1/0, #3G, 1-1/2" C.
116, 118, 213, 216, 313	(3)#2/0, #6G, 2" C.
113, 115, 215, 218, 315, 316, 318	(3)#3/0, #1G, 2" C.
117, 118, 217, 220, 317	(3)#4/0, #1/0G, 2" C.
219, 319, 320	(3)#250 KCMIL, #2/0G, 2-1/2" C.

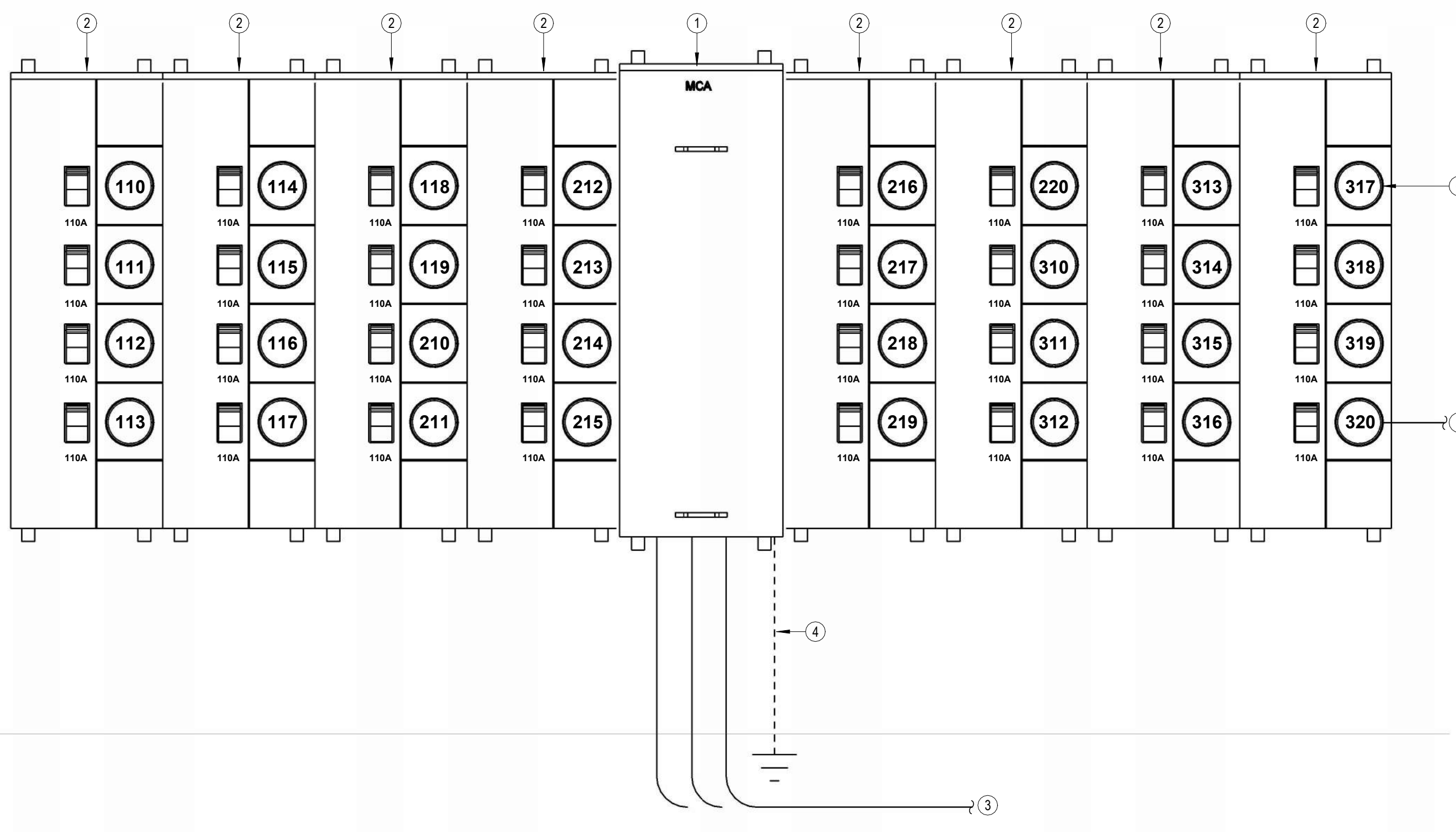
NOTES:
 1. VOLTAGE DROP HAS BEEN ACCOUNTED FOR IN SIZES INDICATED, FURTHER UPSIZING OF FEEDERS IS NOT NECESSARY
 2. ENSURE PANEL LUGS ARE ADEQUATELY SIZED TO HANDLE UP-SIZED FEEDERS. PROVIDE LUG ADAPTER KITS IF REQUIRED

- NOTES BY SYMBOL
- METER CENTER MAIN, 3-PH IN; 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 1000A/3P MAIN BREAKER, 65 KAIC RATED, SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE. SQUARE D 'EZ' METER-PACK #EZM31000CB. PROVIDE SIGNAGE AT DISCONNECT SWITCH TO READ 'SERVICE DISCONNECT 1 OF 2'
 - 4-SOCKET BRANCH UNITS, 3-PH IN; 1-PH OUT, WITH (4) 125A BRANCH BREAKERS AS INDICATED. METER SOCKETS SHALL BE RINGLESS TYPE, 5-JAW WITH LEVER BYPASS SQUARE D 'EZ' METER-PACK #EZML314125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
 - (3) PARALLEL 4" CONDUITS EACH WITH (4) #400 KCMIL COPPER FROM TRANSFORMER TO METER CENTER.
 - #3/0 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.
 - SEE FEEDER SCHEDULE, THIS SHEET FOR SIZES TO APARTMENT UNIT LOAD CENTERS.
 - MAXIMUM HEIGHT TO CENTERLINE OF TOP METER SOCKET SHALL BE 6'-0" AFG.
 - 600A/3P SERVICE ENTRANCE RATED DISCONNECT SWITCH WITH SOLID NEUTRAL AND (3) 600A DUAL-ELEMENT, TIME-DELAY, CLASS 'RK1' FUSES IN NEMA 3R ENCLOSURE. PROVIDE SIGNAGE AT DISCONNECT SWITCH TO READ 'SERVICE DISCONNECT 2 OF 2'
 - TRANSOCKET ENCLOSURE (33"x42"x15") PER ONCOR REQUIREMENTS.
 - CT RATED METER PROVIDED BY UTILITY, INSTALLED BY E.C. PROVIDE SUPPLY SIDE BONDING JUMPER TO HOUSE METER PER ONCOR REQUIREMENTS.
 - (2) PARALLEL 4" CONDUITS EACH WITH (4) #350 KCMIL COPPER FROM TRANSFORMER TO CT ENCLOSURE.
 - (2) PARALLEL 3" CONDUITS, EACH WITH (4) #350 KCMIL COPPER FROM 'SDS' TO PANEL 'H1'.
 - #1 CU GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250.
 - (2) PARALLEL 3" CONDUITS, EACH WITH (4) #350 KCMIL COPPER FROM 'SDS' TO PANEL 'H1'.
 - SEE 1:E6.2 FOR CONTINUATION.
 - (4)#4/0, #4G., 2-1/2" C.
 - (4)#1, #6G., 1-1/2" C.
 - (3)#350 KCMIL, #350 KCMIL G., 3" C.

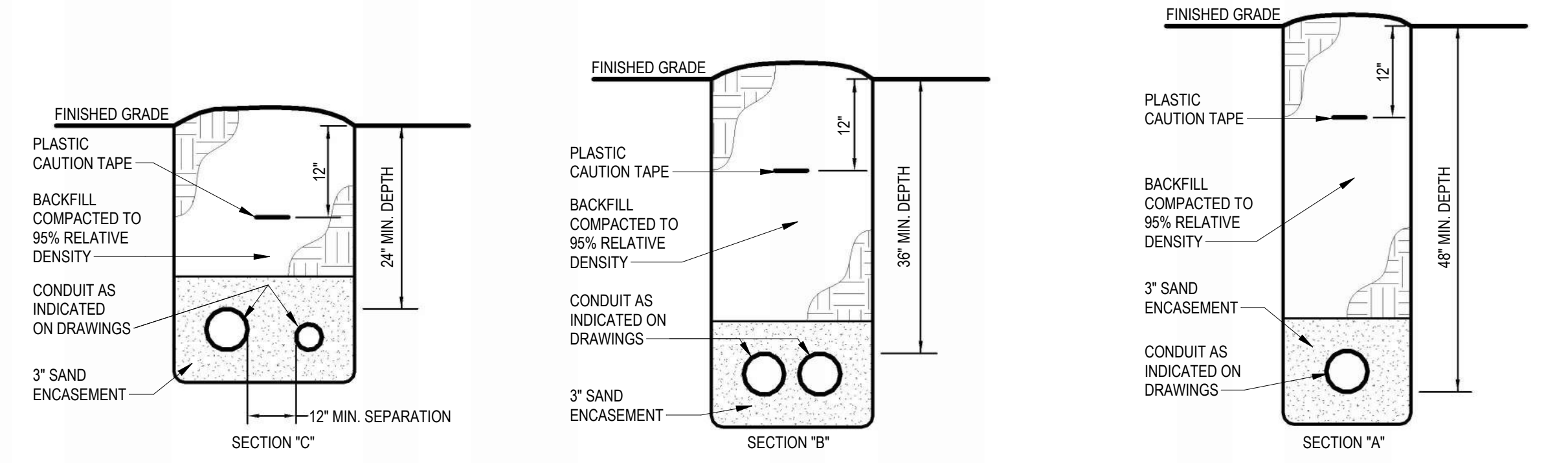
- NOTES:
- Meter Center main circuit breaker shall be 65 kAIC fully rated. Feeder breakers may be series rated with main breaker for a 65 kAIC rating.
 - All conductor sizes are based on copper, U.N.O.
 - Entire installation shall comply with NEC.
 - Coordinate all responsibilities and requirements with power utility company and pay associated fees.
 - Contact Information:
 Oncor
 Kayla Rowe
 kayla.rowe2@oncor.com
 - Coordinate final location of meter assemblies with utility company. Provide shop drawings of proposed equipment whether as specified or substituted to utility company for approval.
 - All meter center components shall be NEMA 3R.
 - All dimensions based on Square D equipment. It is the contractor's responsibility to verify the dimensions of substitute equipment.
 - For each meter, provide a permanent brass, copper or aluminum tag identifying the apartment served. Tags shall be securely fastened to the meter base and stamped with 1/8" letters, minimum.



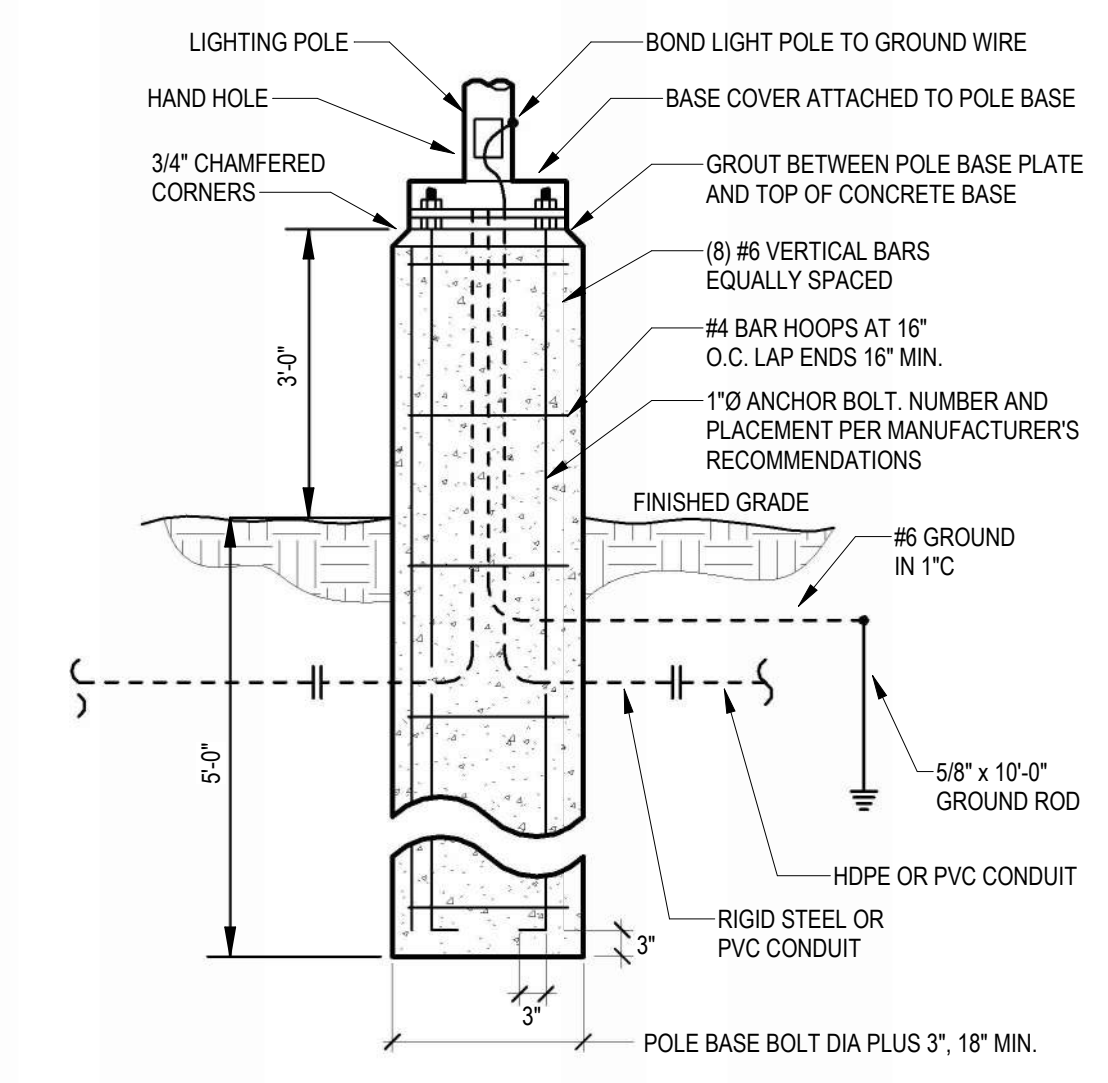
1 ELECTRIC SERVICE RISER DIAGRAM
 1" = 1'-0"



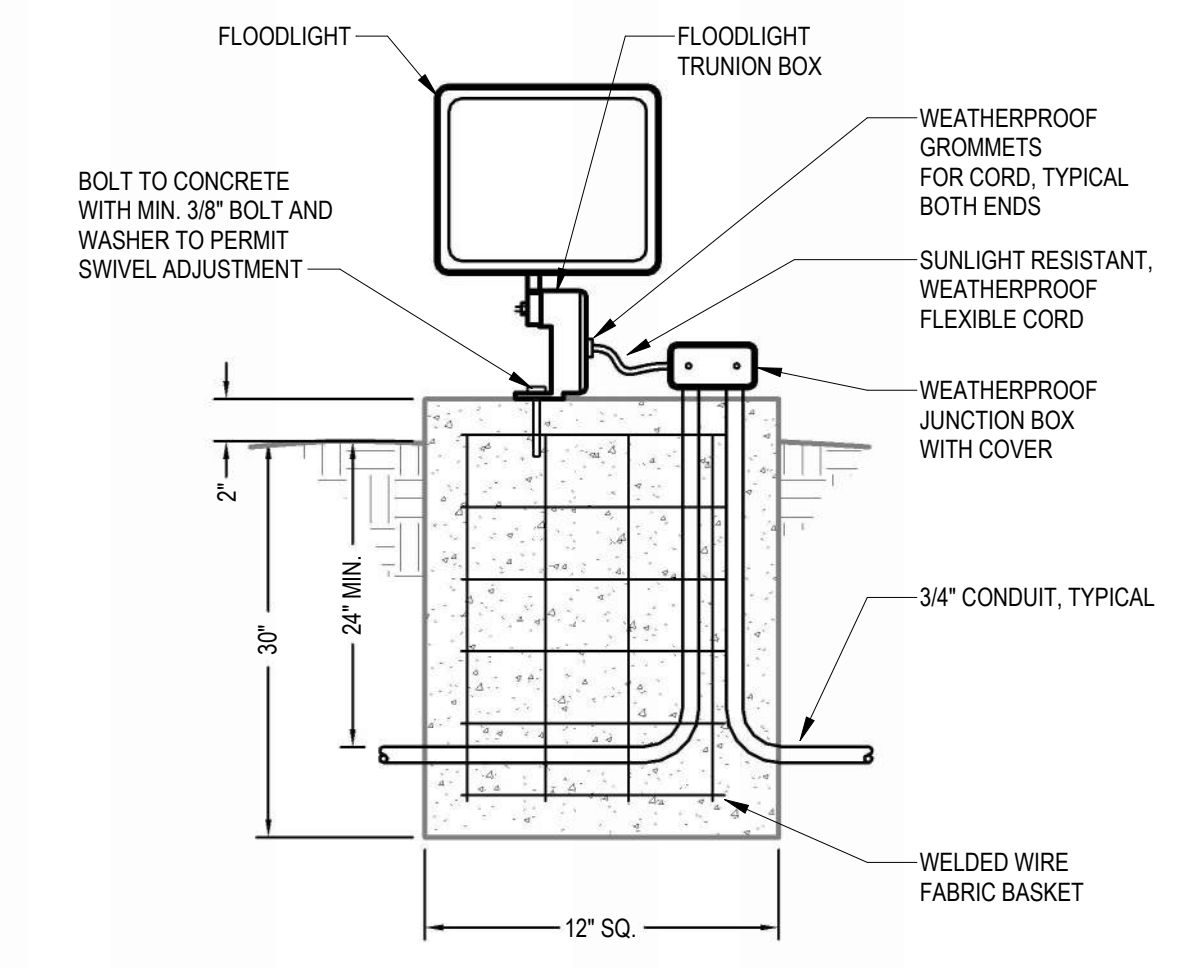
- NOTES BY SYMBOL**
- 1 FIRE SUPPRESSION SERVICE, SEE CIVIL DRAWINGS FOR CONTINUATION.
 - 2 DOMESTIC WATER SERVICE, SEE CIVIL DRAWINGS FOR CONTINUATION.
 - 3 SANITARY SEWER, SEE CIVIL DRAWINGS FOR CONTINUATION.
 - 4 (2) 4" CONDUITS BELOW GRADE FOR COMMUNICATIONS SERVICES. PROVIDE PULLSTRING IN EACH RACEWAY. VERIFY EXACT REQUIREMENTS AND TERMINATION POINT AT PROPERTY LINE WITH LOCAL COMMUNICATIONS ACCESS PROVIDER.
 - 5 ELECTRIC SERVICE EQUIPMENT, SEE RISER DIAGRAM ON SHEET E6.2.
 - 6 POWER COMPANY PROVIDED PAD MOUNTED UTILITY TRANSFORMER. CONCRETE PAD BY GENERAL CONTRACTOR. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH POWER UTILITY COMPANY PRIOR TO COMMENCING WORK.



6 TELECOMM CONDUIT SECTION NO SCALE
 5 SERVICE LATERAL CONDUIT SECTION NO SCALE
 4 PRIMARY CONDUIT SECTION NO SCALE



3 LIGHT POLE BASE DETAIL NO SCALE



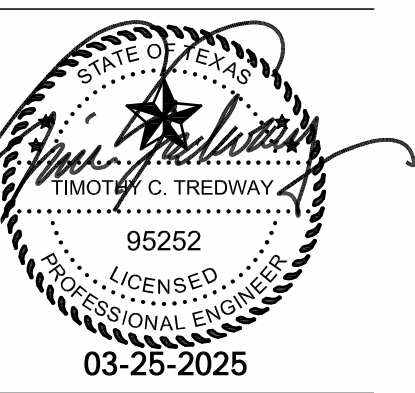
2 GROUND LIGHT DETAIL NO SCALE

1 M/E SITE PLAN 1" = 30'-0"

RESIDENCES AT RED CEDAR
 NEW SENIOR-LIVING FACILITY

TEXAS

CORSICANA,

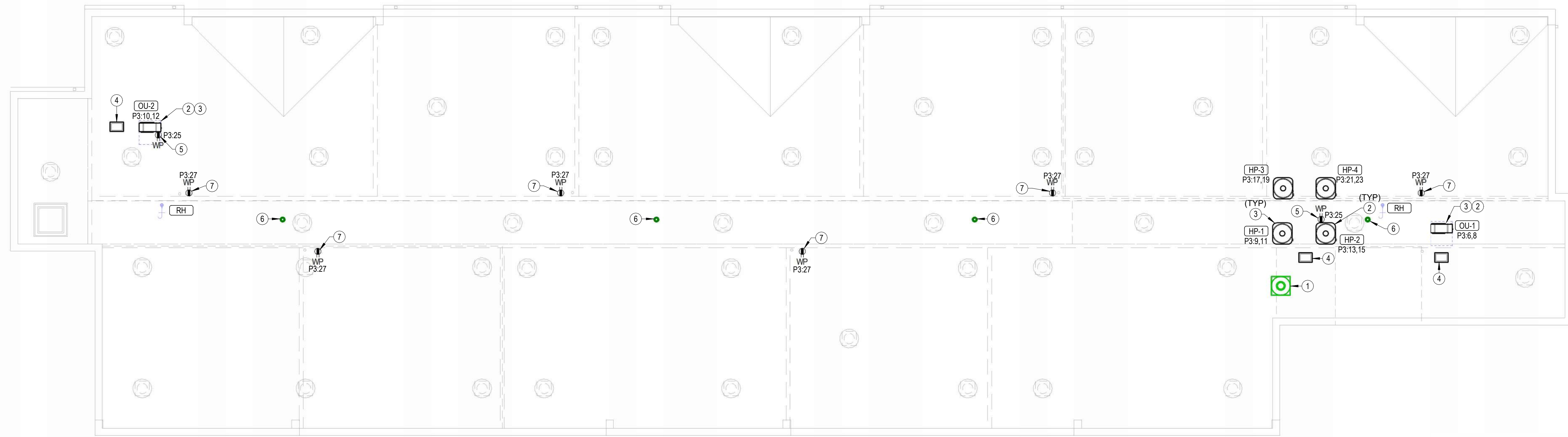


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ME1.1

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- NOTES BY SYMBOL**
- 1 PROVIDE GRAVITY ROOF VENTILATOR WITH BIRD SCREEN EQUAL TO GREENHECK GR51-10. MINIMUM 0.57 SQUARE FOOT THROAT AREA. PROVIDE WITH ROOF CURB COMPATIBLE WITH ROOF SLOPE AND MATERIAL.
 - 2 MOUNT HEAT PUMP TO UNISTRUT FRAME SUPPORTED ON INVENT CADDY PYRAMID ROOF SUPPORTS. PROVIDE VIBRATION ISOLATOR BETWEEN ROOF SUPPORTS AND UNISTRUT FRAME. COORDINATE INSTALLATION WITH ROOFING CONTRACTOR. TYPICAL.
 - 3 UNLESS NOTED OTHERWISE, PROVIDE 30A/2-POLE, NON-FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE AND MAKE FINAL CONNECTION TO EQUIPMENT IN LFMG FACEWAY. MOUNT TO UNISTRUT FRAME SUPPORTED FROM EQUIPMENT SUPPORT RAILS.
 - 4 ROUTE REFRIGERANT PIPING DOWN THROUGH ROOF TO MATCHING BLOWER COIL. PROVIDE PIPING PENETRATION ASSEMBLY EQUAL TO RPH AW SERIES ROOF VAULT WITH EXIT SEALS FOR REFRIGERANT PIPING AND ELECTRICAL CONDUIT AND TWO ADDITIONAL SPARE EXIT SEALS. SUBMIT PRODUCT DATA FOR REVIEW PRIOR TO INSTALLATION.
 - 5 MOUNT RECEPTACLE TO UNISTRUT FRAME SUPPORTED FROM HEAT PUMP UNISTRUT FRAME.
 - 6 3" PLUMBING VENT THROUGH ROOF.
 - 7 PROVIDE RECEPTACLE ON ROOF FOR FUTURE RADON FAN. COORDINATE EXACT LOCATION PRIOR TO COMMENCING WORK. COORDINATE ROOF PENETRATIONS WITH ROOFING CONTRACTOR AND G.C.



ME1.2 M/E ROOF PLAN
 1/8" = 1'-0"

RESIDENCES AT RED CEDAR

NEW SENIOR-LIVING FACILITY

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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.	

HVAC Symbols		
	Sq. Duct Size (Width/Height)	
	Oval Duct Size (Width x Height)	
	Round Duct Size (Diameter)	
	Existing Duct To Remain	
	Duct To Be Demolished	
	Supply Air	
	Ventilation Air	
	Outdoor Air	
	Return Air	
	Transfer Air	
	General Exhaust Air	
	Kitchen Exhaust Duct	
	Flue Gas Vent	
	Combustion Air	
	Rect. Supply Duct Rise / Drop	
	Round Supply Duct Rise / Drop	
	Rect. Return Duct Rise / Drop	
	Round Return Duct Rise / Drop	
	Rect. Exhaust Duct Rise / Drop	
	Round Exhaust Duct Rise / Drop	

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	MUA MAKE-UP AIR
BTUH	BRITISH THERMAL UNITS PER HOUR	NC NOISE CRITERIA
CAP	CAPACITY	NC NORMALLY CLOSED
CB	CATCH BASIN	NIC NOT IN CONTRACT
CFM	CUBIC FEET PER MINUTE	NO NUMBER
CLG	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
EWIC	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/LA 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
FPM	FEET PER MINUTE	S/A SUPPLY AIR
FS	FLOOR SINK	SAN SANITARY
FT	FOOT/FEET	SF SQUARE FOOT
FTR	FIN TUBE RADIATION	SD SMOKE DAMPER
GAL	GALLON	SM SURFACE MOUNT
GF	GAS-FIRED	SP STANDPIPE
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	EWH 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
CJH	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
EAF	EXHAUST FAN	UH UNIT HEATER
EDC	ELECTRIC DUCT COIL	WH WATER HEATER

Grille, Register, Diffusers

Square Ceiling Diffuser: Type (See Schedule), Airflow, Neck Size / Module Size. Example: CD-500, 10"Ø/24x24

Round Ceiling Diffuser: Type (See Schedule), Airflow, Neck Size, Type Count for Space. Example: CD11-100, TYP. X 4

Sidewall Supply Diffuser: Type (See Schedule), Airflow, Nominal Duct Size, Mounting Elevation (Centerline). Example: SG5-300, AFF. 0'

Linear Diffuser: Type (See Schedule), Airflow, Neck Size / Slot(s) Active Length. Example: SD-200, 8"Ø/24" x 0'L

Sidewall Return Diffuser: Type (See Schedule), Airflow, Nominal Duct Size, Mounting Elevation (Centerline). Example: RG6-200, AFF. 0'

Ceiling Return Diffuser: Type (See Schedule), Airflow, Neck Size / Module Size. Example: CR2-200, 8"Ø/24x24

Mechanical Equipment

Unit Identity: RTU-1

Existing to Remain Equipment: (E)AHU-2

Existing Relocated Equipment: (R)AHU-3

Equipment By Others (Refer To Other Disciplines)

Mechanical Control Devices

Thermostat: T

Humidistat: (H)

Temperature Sensor: (TS)

Humidity Sensor: (HS)

Carbon Dioxide Detector: (CO2)

Hazardous Gas Detector: (HGC)

Damper Types

Manual Damper: (M)

Motorized Damper: (M)

Backdraft Damper: (B)

Smoke Damper: (S)

Fire Damper: (F)

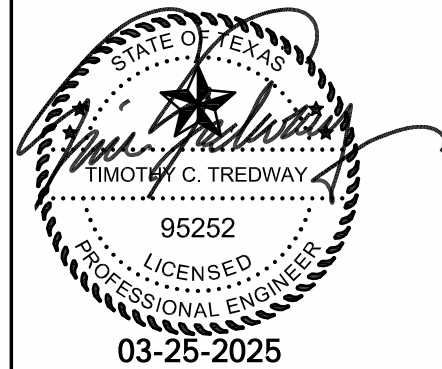
Comb. Fire/Smoke Damper: (F/S)

HVAC SHEET INDEX	
M0.1	HVAC Title Sheet
M1.1	Mechanical HVAC Plans 1st and 2nd
M1.2	Mechanical HVAC Plan 3rd
M6.1	Mechanical Schedules
ME1.1	ME Site
ME1.2	ME Roof Plan

- GENERAL HVAC NOTES**
- CONTRACTOR SHALL LOCATE THERMOSTATS AND HUMIDISTATS AT 4'-0" AFF UNLESS NOTED OTHERWISE. MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 8" FROM LIGHT SWITCHES.
 - CONDENSATE DRAINS SHALL BE SUPPLIED FOR ALL COOLING EQUIPMENT. CONTRACTOR SHALL ENSURE PROPER INSTALLATION AND DRAINAGE AS REQUIRED BY FEDERAL, STATE, AND LOCAL CODES. CONDENSATE PIPING SHALL BE TYPE "L" COPPER. WHERE INSTALLED ABOVE CEILING, CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH MINIMUM 1/2" FIBERGLASS PIPE INSULATION WITH ALL SERVICE JACKET.
 - ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SHALL BE RATED FOR PRESSURE CLASS OF 2" W.G. UNLESS NOTED OTHERWISE.
 - COORDINATE THE EXACT LOCATION OF ALL CEILING DIFFUSERS, REGISTERS, AND GRILLES WITH LIGHTING.
 - PROVIDE DIFFUSERS AND REGISTERS WITH 4-WAY BLOW PATTERN UNLESS OTHERWISE NOTED.
 - HVAC EQUIPMENT SHALL NOT BE UTILIZED UNTIL ALL DUCT PRODUCING CONSTRUCTION ACTIVITY HAS BEEN COMPLETED. CONTRACTOR SHALL BE REQUIRED TO OBTAIN APPROVAL FROM OWNER PRIOR TO EQUIPMENT STARTUP, AND TO REPLACE FILTERS ON HVAC EQUIPMENT UPON FINAL COMPLETION.
 - LOCATIONS OF PIPING, DUCTWORK 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 BUILDING CODE AND INTERNATIONAL MECHANICAL CODE.
 - LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
 - ALL ROOF MOUNTED EQUIPMENT SHALL BE A MINIMUM 10'-0" FROM EDGE OF ROOFS WITHOUT A 42" HIGH PARAPET OR GUARD RAIL. WHERE PROVIDING 10'-0" SEPARATION FROM ROOF EDGE IS NOT POSSIBLE, PROVIDE PERMANENT FALL ARREST ANCHORS COMPLIANT WITH ANSIA/SSP Z359.1.
 - COORDINATE WITH GENERAL CONTRACTOR.
 - LOCATE DUCTWORK, PIPING AND MECHANICAL 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 AND DUCTS 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 AND DUCTWORK SIZES SHOWN TO PROPERLY CONNECT TO MECHANICAL 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 AND DUCTWORK AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILING.
 - PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL EQUIPMENT AND MATERIALS. SUBSTITUTE EQUIPMENT 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 MECHANICAL 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.
 - ALL DUCTWORK TAKEN OUT OF SERVICE SHALL BE REMOVED.
 - COORDINATE CUTTING PATCHINGS OF EXISTING WALLS, CEILING, 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 MECHANICAL INSTALLATION FROM PROJECT AREA, UNLESS REQUIRED FOR NEW WORK OR EXISTING INSTALLATION NOT AFFECTED BY REMODEL. 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 MECHANICAL 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.

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.

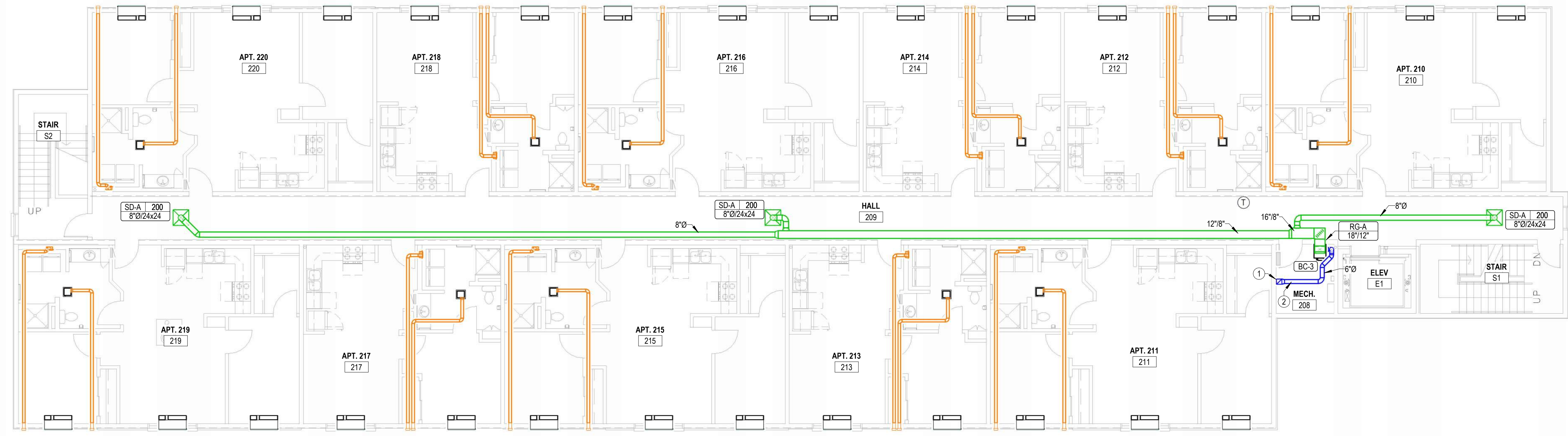


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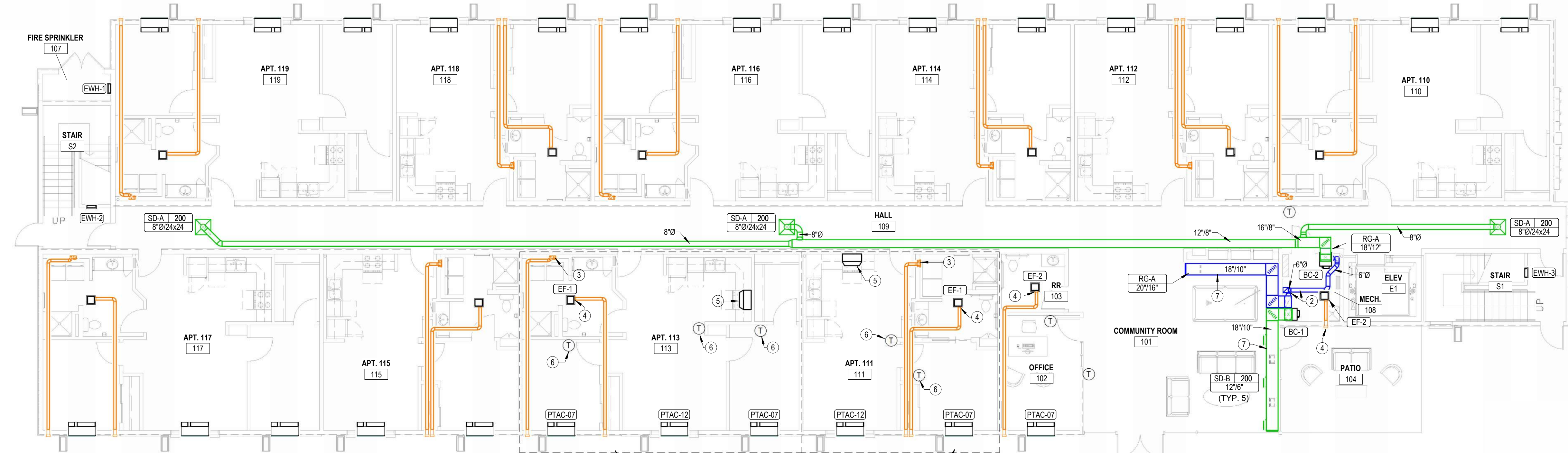
DATE: 03/25/2025
 JOB: 24-3392
 SHEET NO.:

NOTES BY SYMBOL

- ROUTE 8"x8" O.A. DUCT DOWN TO FLOOR BELOW SEE 1:M1.1 FOR CONTINUATION.
- CONNECT O.A. DUCT TO RISER AS HIGH AS POSSIBLE AND ROUTE TO RETURN AIR DUCT WORK AND BALANCE AS FOLLOWS:
 1ST FLOOR 'BC-1': 50 CFM
 1ST FLOOR 'BC-2': 70 CFM
 2ND FLOOR 'BC-3': 70 CFM
 3RD FLOOR 'BC-4': 70 CFM
- PROVIDE UL LISTED DRYER BOX EQUAL TO IN-O-VATE TECHNOLOGIES IN WALL INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. AND ROUTE 4"Ø DRYER EXHAUST DUCT TO WALL CAP WITH BACKDRAFT DAMPER. SEE OVERALL MECHANICAL PLANS FOR UNIT SPECIFIC ROUTING. MAXIMUM ALLOWABLE EQUIVALENT DUCT LENGTH = 35'. UTILIZE LONG RADIUS SMOOTH ELBOWS WHERE REQUIRED. MAXIMUM EQUIVALENT DUCT LENGTH MAY BE INCREASED WHERE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS ALLOW, AND DOCUMENTATION IS PROVIDED TO CODE OFFICIAL PRIOR TO CONCEALMENT INSPECTION. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT PROVIDED. PROVIDE PERMANENT LABEL IDENTIFYING EQUIVALENT LENGTH OF DRYER DUCT INSTALLED PER IMC 504.
 NOTE: ANNULAR SPACE AROUND DUCT IS TO BE SEALED AT ALL PENETRATIONS OF FLOORS AND CEILINGS WITH U.L. LISTED FIRE STOPPING SYSTEM.
- ROUTE 4"Ø EXHAUST DUCT TO MANUFACTURER'S WALL CAP WITH BACKDRAFT DAMPER AND BIRD SCREEN. COORDINATE FINAL LOCATION WITH ARCHITECT.
- RECIRCULATING RANGE HOOD BY OTHERS.
- PROVIDE WALL MOUNTED THERMOSTAT FOR EACH PTAC IN APARTMENTS. COORDINATE FINAL LOCATION WITH OWNER.
- ROUTE DUCT IN SOFFIT, COORDINATE WITH ARCHITECT.



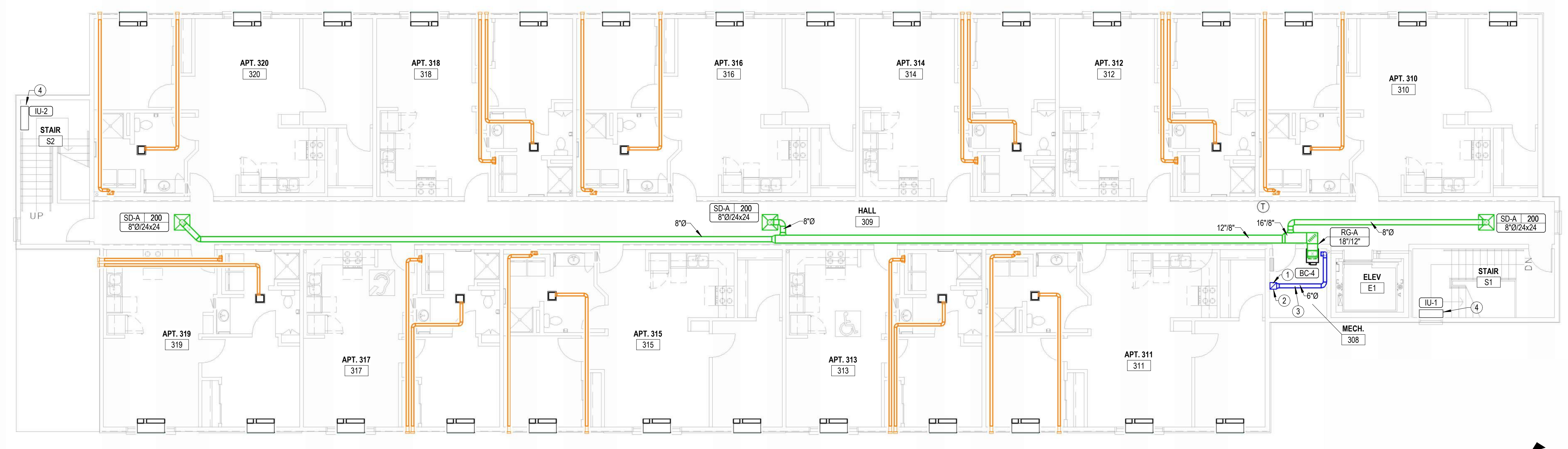
2 SECOND FLOOR HVAC PLAN
 M1.1 1/8" = 1'-0"



1 FIRST FLOOR HVAC PLAN
 M1.1 1/8" = 1'-0"

NOTES AND EQUIPMENT TAGS IN THESE UNITS ARE TYPICAL FOR 1-BED AND 2-BED UNIT HVAC LAYOUTS.
 EXHAUST ROUTING IS UNIT SPECIFIC. REFERENCE OVERALL PLANS ON SHEETS M1.1 AND M1.2 FOR EXACT EXHAUST ROUTING.

- NOTES BY SYMBOL
- 1 ROUTE 8"x8" O.A. DUCT DOWN TO FLOOR BELOW SEE 2:M1.1 FOR CONTINUATION.
 - 2 ROUTE 10"x10" O.A. DUCT UP THROUGH ROOF TO GRAVITY VENTILATOR. SEE ME1.2 FOR CONTINUATION.
 - 3 CONNECT O.A. DUCT TO RISER AS HIGH AS POSSIBLE AND ROUTE TO RETURN AIR DUCT WORK AND BALANCE AS FOLLOWS:
 1ST FLOOR 'BC-1': 50 CFM
 2ND FLOOR 'BC-3': 70 CFM
 3RD FLOOR 'BC-4': 70 CFM
 - 4 MOUNT INDOOR UNIT ABOVE LANDING WINDOW. ROUTE REFRIGERANT PIPING TO MATCHING HEAT PUMP ON ROOF. CONCEAL PIPING IN WALLS AND ABOVE CEILINGS. SEE ME1.1 FOR HEAT PUMP LOCATIONS.



1 THRID FLOOR HVAC PLAN
 M1.2 1/8" = 1'-0"

RESIDENCES AT RED CEDAR

NEW SENIOR-LIVING FACILITY

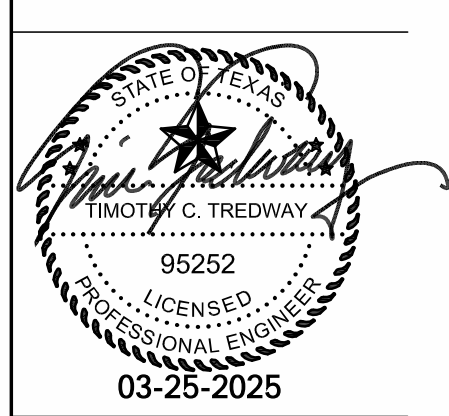
CORSICANA, TEXAS



REVISIONS:

NO.	DESCRIPTION	DATE

DATE: 03/25/2025
 JOB: 24-3392
 SHEET NO.:



REVISIONS:
 DATE: 03/25/2025
 JOB: 24-3392
 SHEET NO.:

ELECTRIC CABINET HEATER SCHEDULE

Mark	Manufacturer	Model	Mounting	Watts	Voltage	Phase	Description	Notes
EWH-1	Trane	UHWA	Wall	3.0 kW	208 V	1	Architectural fan forced wall heater	1,2,3
EWH-2	Trane	UHAA	Recessed	1.5 kW	120 V	1	Architectural fan forced wall heater	1,2,4
EWH-3	Trane	UHAA	Recessed	1.5 kW	120 V	1	Architectural fan forced wall heater	1,2,4

NOTES:
 1. Provide with high temperature thermal cutout and fan delay.
 2. Provide with integral thermostat and unit mounted disconnect switch.
 3. Provide with manufacturer's surface mounting adapter sleeve. Coordinate exact mounting requirements and locations with Architect and rated construction.
 4. Provide with manufacturer's recessed mounting adapter sleeve. Coordinate exact mounting requirement and locations with Architect and rated construction.

PACKAGE TERMINAL AIR CONDITIONER SCHEDULE

Mark	Manufacturer	Model Number	Cooling		Heating	Airflow	Electrical			Weight	
			Total Cooling	Sensible Cooling	Electric Heat Output		MCA	MOCP	Voltage		Phase
PTAC-07	GE	AZ45E07DAB	7,000 Btu/h	5,040 Btu/h	1.96 kW	350 CFM	11.8 A	15.0 A	208 V	1	108 lb
PTAC-12	GE	AZ45E12DAB	11,500 Btu/h	7,130 Btu/h	1.96 kW	420 CFM	11.8 A	15.0 A	208 V	1	104 lb

NOTES:
 1. Provide with manufacturer's line cord connection kit.
 2. Provide with wall case compatible with wall construction coordinate with G.C.
 3. Provide with remote wall mounted programmable thermostat with two speed fan control.
 4. Provide with manufacturer's sub-base accessory. Provide all components necessary for complete installation.

BLOWER COIL SCHEDULE

Mark	Manufacturer	Model	Fan			Heating	Electrical		MCA	MOCP
			Airflow	ESP	Speed		Voltage	Phase		
BC-1	Trane	TEM4A0B31	1,000 CFM	0.50 in-wg	Medium	5.8 kW	208 V	1	38.0 A	40.0 A
BC-2	Trane	TEM4A0B31	600 CFM	0.50 in-wg	Medium	3.6 kW	208 V	1	25.0 A	25.0 A
BC-3	Trane	TEM4A0B31	600 CFM	0.50 in-wg	Medium	3.6 kW	208 V	1	25.0 A	25.0 A
BC-4	Trane	TEM4A0B31	600 CFM	0.50 in-wg	Medium	3.6 kW	208 V	1	25.0 A	25.0 A

NOTES:
 1. Single point connection required, coordinate the exact electrical requirements of equipment provided with E.C.
 2. Electrical heater shall not operate simultaneously with heat pump. Electric heater shall be used as back-up heat only.

MINI-SPLIT HEAT PUMP INDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	Sens. Cooling	Heating Cap.
IU-1	Mitsubishi	NTXWMT09A112A	Wall Mounted Unit	7,380 Btu/h	10,900 Btu/h
IU-2	Mitsubishi	NTXWMT09A112A	Wall Mounted Unit	7,380 Btu/h	10,900 Btu/h

NOTES:
 1. Indoor Units are powered from outdoor unit. Provide all required interconnecting cabling per manufacturer's instructions.
 2. Where possible, conceal refrigerant piping, condensate piping and electrical condensate piping in walls and above ceilings. When not possible, utilize line-hide kit to conceal refrigerant piping and condensate piping below ceiling.

MINI-SPLIT HEAT PUMP OUTDOOR UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	NOMINAL CAPACITY	V/Ph	MCA	MOCP
OU-1	Mitsubishi	NTXSMT09A112A	Heat Pump System	0.75 ton	208 V/1	9.0 A	15.0 A
OU-2	Mitsubishi	NTXSMT09A112A	Heat Pump System	0.75 ton	208 V/1	9.0 A	15.0 A

NOTES:
 1. Provide refrigerant piping sized in accordance with manufacturer's recommendations for actual field installed length and routing.
 2. Provide with R410-A refrigerant.
 3. Provide with hail guards.

Exhaust Fan Schedule

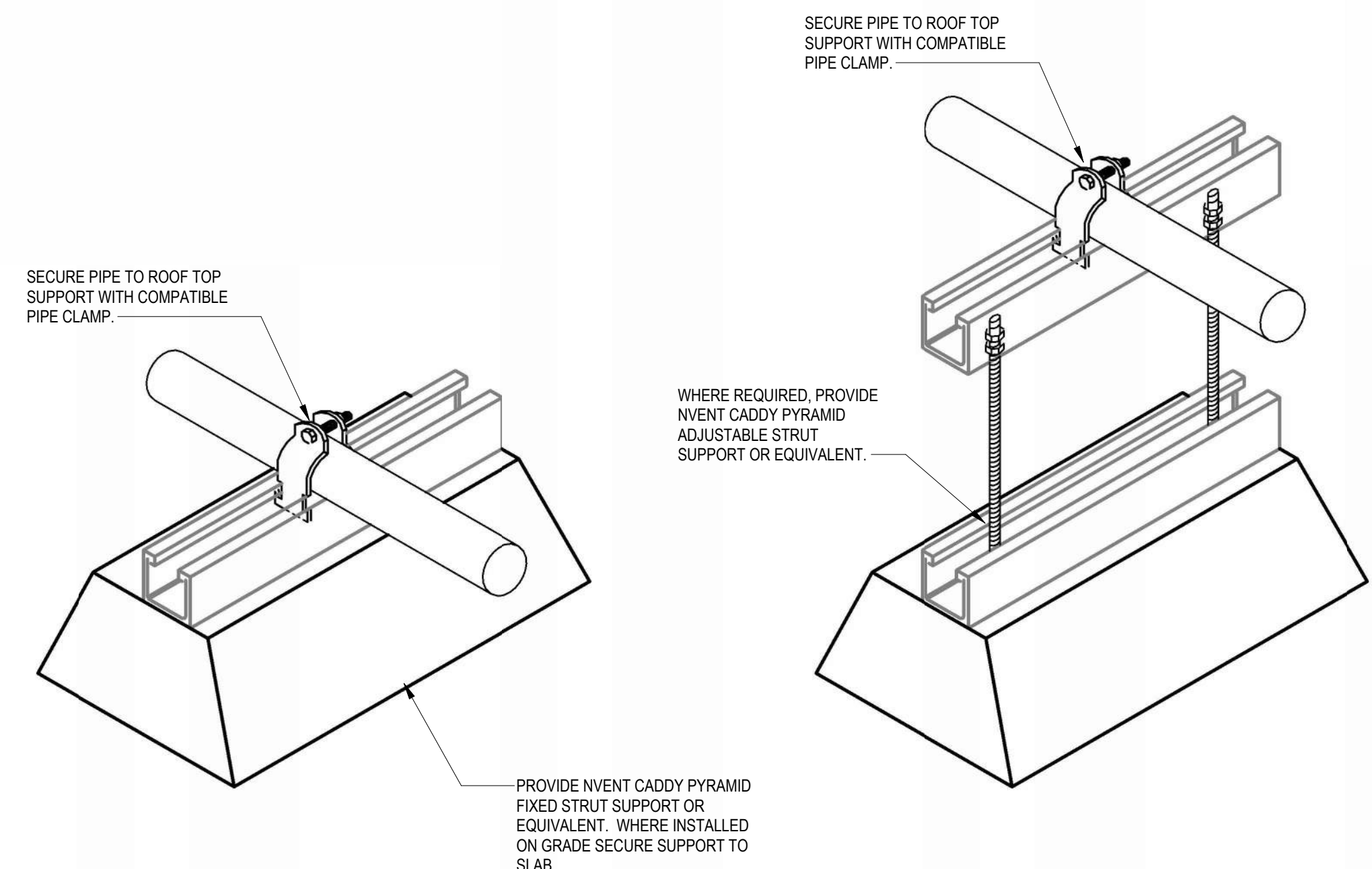
Mark	Manufacturer	Model	CFM	ESP	Power	Electrical		Notes
						Voltage	Phase	
EF-1	Panasonic	FV-0810VSS1	80 CFM	0.45 in-wg	21 W	120 V	1	1,2,3,4,5,6
EF-2	Panasonic	FV-0810VSS1	65 CFM	0.45 in-wg	21 W	120 V	1	1,2,3,4,5,6

NOTES:
 1. Fixture shall be Energy Star listed.
 2. Fixture shall operate at < 1 SONE.
 3. Provide with EC motor with integral disconnect.
 4. Provide manufacturer's wall cap or roof jack, see plans.
 5. Provide integral backdraft damper.
 6. Provide with manufacturer's ceiling radiation damper. Omit radiation dampers where rated ceilings are not present, coordinate with Architect.

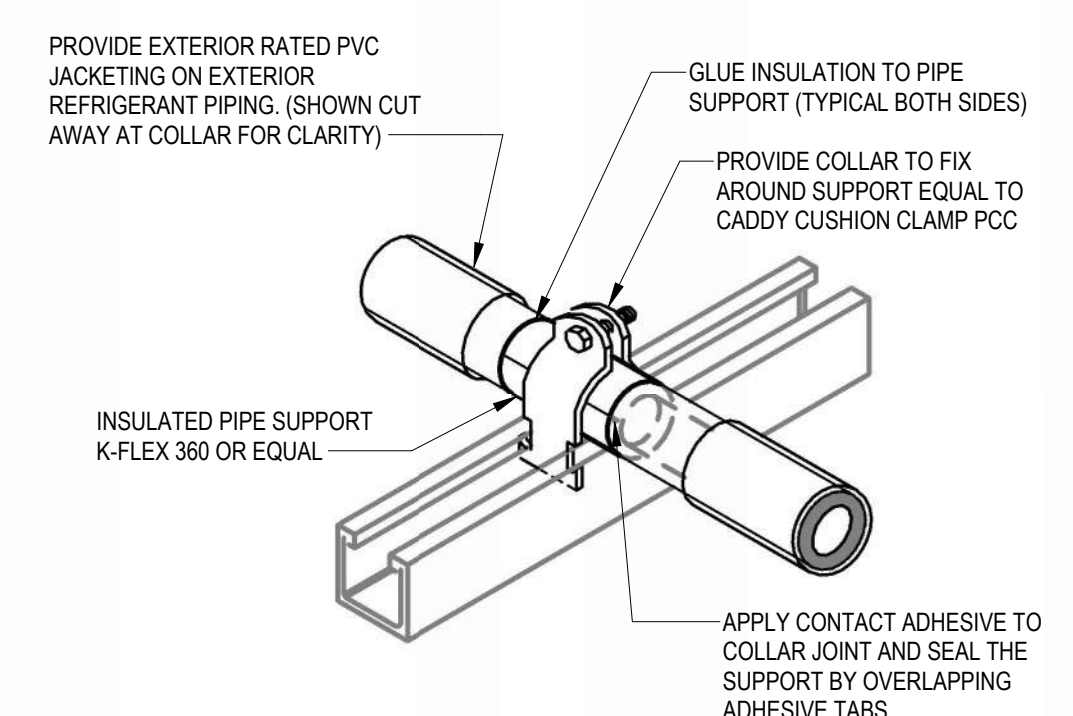
HEAT PUMP SCHEDULE

Mark	Manufacturer	Model	Nominal Capacity	Cooling Capacity				SEER2 Rating	Heating Capacity			Electrical					
				EDB	EDB	EWB	Net Sensible Capacity		Rated Cooling Capacity	OA EDB	EDB	Rated Heating Capacity	HSPF2 Rating	Phase	MCA	MOCP	Voltage
HP-1	Trane	4TWR4030	2.5 ton	105 °F	80 °F	67 °F	21,300 Btu/h	27,700 Btu/h	14.3	47 °F	70 °F	27,100 Btu/h	7.5	1	15.0 A	25.0 A	208 V
HP-2	Trane	4TWR4018	1.5 ton	105 °F	80 °F	67 °F	11,300 Btu/h	14,600 Btu/h	14.3	47 °F	70 °F	19,100 Btu/h	7.5	1	15.0 A	25.0 A	208 V
HP-4	Trane	4TWR4018	1.5 ton	105 °F	80 °F	67 °F	11,300 Btu/h	14,600 Btu/h	14.3	47 °F	70 °F	19,100 Btu/h	7.5	1	15.0 A	25.0 A	208 V
HP-3	Trane	4TWR4018	1.5 ton	105 °F	80 °F	67 °F	11,300 Btu/h	14,600 Btu/h	14.3	47 °F	70 °F	19,100 Btu/h	7.5	1	15.0 A	25.0 A	208 V

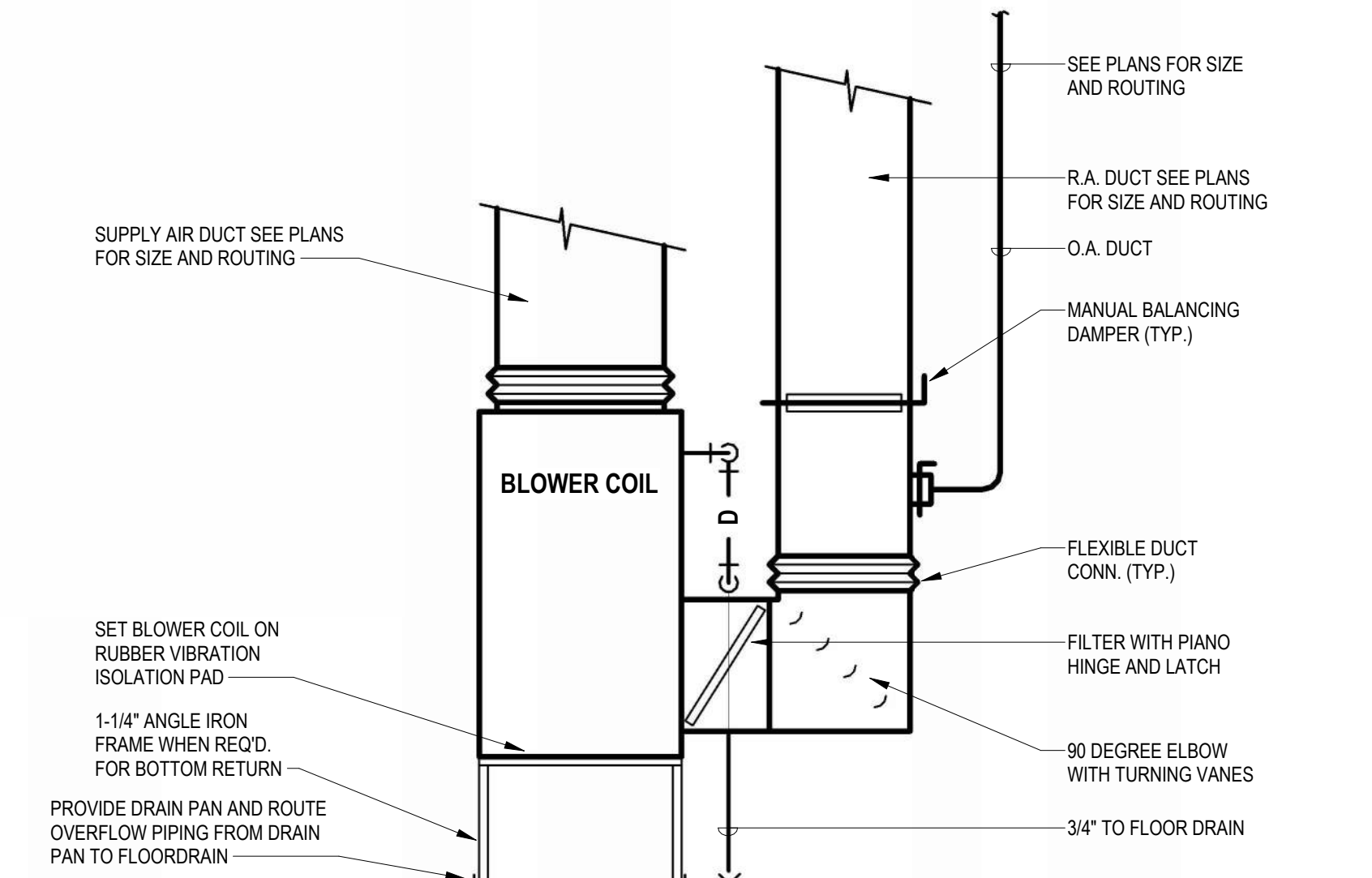
NOTES:
 1. Refrigerant lines shall be field fabricated. Coordinate line sizing requirements with equipment manufacturer for length.
 2. Provide 7-day programmable thermostat.
 3. Provide with R410a refrigerant.
 4. Provide 2 sets of MERV-7 filters.



3 EXTERIOR PIPING SUPPORT DETAIL
 M6.1 NO SCALE



2 EXTERIOR REFRIGERANT PIPING INSULATION DETAIL
 M6.1 NO SCALE



1 BLOWER COIL DETAIL
 M6.1 NO SCALE

Plumbing Sheet Index

PO.1	Plumbing Title Sheet
P1.1	Waste and Vent Plans 0 and 1st
P1.2	Waste and Vent Plans 2nd and 3rd
P1.3	Domestic Water Plans 1st and 2nd
P1.4	Domestic Water Plans 3rd
P4.1	Enlarged Domestic Water Plans
P6.1	Plumbing Schedules
P9.1	Plumbing Riser Diagrams
P9.2	Plumbing Riser Diagrams

GENERAL PLUMBING NOTES

- A. FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- B. PITCH UNDERFLOOR SANITARY WASTE PIPING OVER 2" AT 18" PER FOOT, 2" AND SMALLER AT 14" PER FOOT.
- C. FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION
- D. ROUTE DOMESTIC WATER, AND SANITARY SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- E. WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
- F. 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.
- G. 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.
- H. LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- I. LOCATE PIPING AND EQUIPMENT OUTSIDE OF THE NEC REQUIRED CLEAR SPACE ABOVE AND AROUND ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR.
- J. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE U.L. LISTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
- K. PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- L. 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.
- M. TRANSITION FROM PIPING SIZES SHOWN TO PROPERLY CONNECT TO EQUIPMENT.
- N. PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- O. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- P. INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILING.
- Q. 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.
- R. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
- S. PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.

GENERAL PLUMBING DEMOLITION NOTES

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

General Plan Symbols	Plumbing Symbols																																																																																																																																		
<p>△ Plan Revision Number</p> <p>⬅ Detail Number on Sheet</p> <p>⬅ Sheet Number Where Detail is Placed</p> <p># Keynote Symbol</p> <p>~ Continuation Symbol</p> <p>• Point Where New Connects To Existing</p> <p>Room 1 Room Name / Number</p> <p>▨ Area Being Demolished</p> <p>▨ Area Not In Contract</p> <p>Electrical Equipment. Do not route HVAC installation above or below equipment. Maintain working clearance as indicated by dashed line.</p>	<p>— 2" Nominal Pipe Size</p> <p>— Above Ground Piping</p> <p>--- Below Ground Piping</p> <p>1/8" 1/2" SLOPE Pipe Slope (When Applicable)</p> <p>(E) Existing Pipe To Remain</p> <p>--- Pipe To Be Demolished</p> <p>— CW — Domestic Cold Water</p> <p>— NPW — Non-Portable Water</p> <p>— SCW — Soft Cold Water</p> <p>— FCW — Filtered Cold Water</p> <p>— RO — Reverse Osmosis Water</p> <p>— HW — Domestic Hot Water</p> <p>— HW 140° — Domestic Hot Water 140°</p> <p>— HW-R — Hot Water Recirculation</p> <p>— HW-R 140° — Hot Water Recirculation 140°</p> <p>— SS — Sanitary Drain</p> <p>— RD — Radon Mitigation</p> <p>— V — Sanitary Vent</p> <p>— WV — Sanitary Wet Vent</p> <p>— CDW — Combination DWV</p> <p>— CD — Condensate Drain</p> <p>— ID — Indirect Drain</p> <p>— GW — Grease Waste</p> <p>— GV — Grease Vent</p> <p>— PD — Pump Discharge</p> <p>— SD — Storm Drain</p> <p>— OSD — Storm Overflow</p> <p>— CA — Compressed Air</p> <p>— LP — Liquid Propane</p> <p>— Pipe Rise / Drop</p> <p>Pipe Accessory Notes</p> <p>● 4" FCO Cleanout</p> <p>⌘ 2" CHECK Check Valve</p> <p>⌘ 2" BALANCE Balancing Valve</p> <p>⌘ 2" CIRC Circuit Setter</p> <p>⌘ 2" GATE Gate Valve</p> <p>⌘ 2" SIO Ball Valve</p> <p>⌘ 2" STRAIN Fluid Strainer</p> <p>⌘ 1" GAS-ENTRL Emergency Gas Shutoff</p> <p>⌘ 1" PLUG Plug Valve</p> <p>⌘ 1" GAS COCK Gas Shutoff Cock</p> <p>⌘ 1" REG Gas Regulator</p> <p>⌘ 1" TV Thermostatic Valve</p> <p>⌘ 1" TMV-XTIP Mixing Valve</p> <p>⌘ 1" TMV-EM Emergency Mixer</p> <p>⌘ 2" PRV Pressure Reducing Valve</p> <p>⌘ 2" METER Water Meter</p> <p>⌘ 2" DCV Double Check Valve</p> <p>⌘ 2" RRV Reduced Pressure Zone</p> <p>Plumbing Fixture Notes</p> <p>● Floor Drain</p> <p>● 2" FD-A Design Size</p> <p>● 2 DFU Identity Type</p> <p>● 2" FD Drainage Fixture Units</p> <p>● 2" FD Floor Drain w/ Deep Seal Trap</p> <p>● 2" FDP Floor Drain w/ Trap Primer</p> <p>● *T* Indicates Primer Connection</p> <p>● 2" FD Floor Drain w/ Integral Cleanout</p> <p>● 6" AD-3 Area Drain (No Trap)</p> <p>● 6" DD-3 Deck Drain</p> <p>● 6" HD-3 Hub Drain (Funnel Type)</p> <p>● 3" FS Floor Sink</p> <p>● 4" SD-12 Roof Drain</p> <p>● 6" SD-1 Combination Drain</p> <p>● 2000 SF Rainfall Surface Area</p>																																																																																																																																		
Abbreviations																																																																																																																																			
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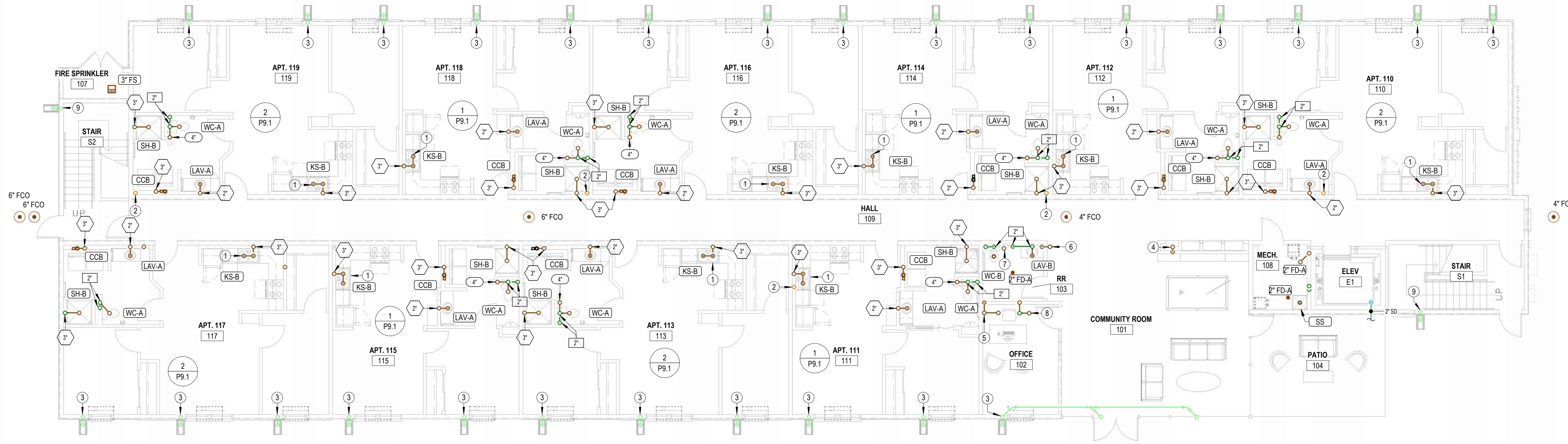
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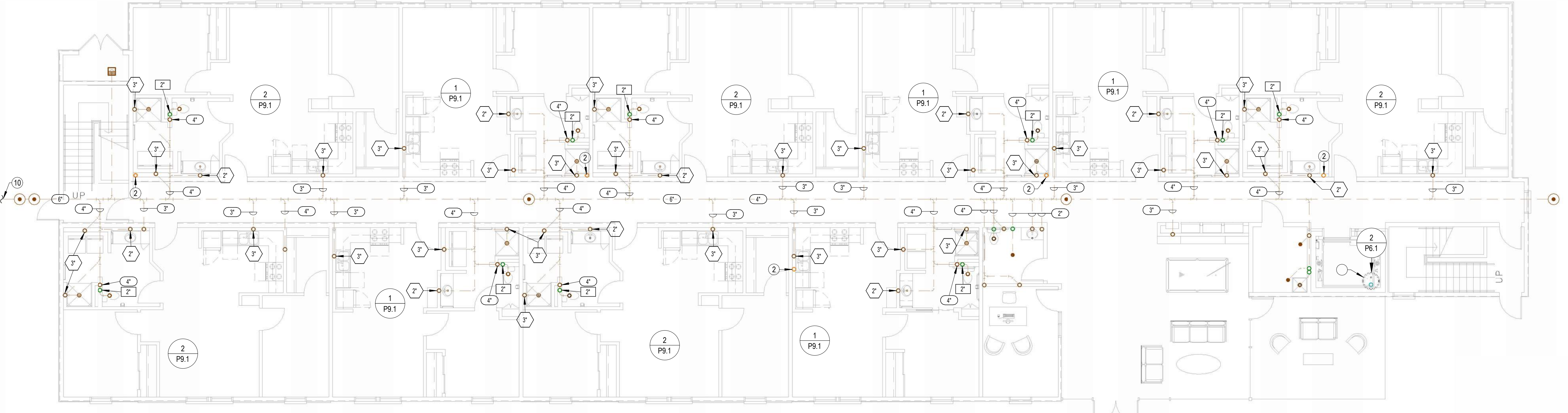
⊖ ^x	DRAIN (X = SIZE)
⊕ ^x	VENT (X = SIZE)
⊗ ^x	WASTE STACK VENT (X = SIZE)

NOTES BY SYMBOL

- ELEVATOR PIT SUMP PUMP, SEE DETAIL FOR MORE INFORMATION.
- PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETRY. COORDINATE EXACT ROUTING WITH G.C.
- 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
- CONNECT 3/4" CONDENSATE DRAIN FROM EACH PTAC TO COMMON 1" CONDENSATE PIPE. ROUTE 1" CONDENSATE PIPE CONCEALED IN WALL AND TERMINATE WITH ELBOW DOWN AT 12" A.F.G., ABOVE SPLASH BLOCK. COORDINATE WITH G.C.
- UP TO KITCHEN SINK WASTE STACK VENT.
- UP TO SHOWER WASTE STACK VENT.
- UP TO LAVATORY WASTE STACK VENT.
- UP TO CLOTHES WASHER CONNECTION BOX WASTE STACK VENT.
- UP TO WATER CLOSET.
- ROUTE 1" CONDENSATE PIPE FROM INDOOR UNIT CONCEALED IN WALL AND TERMINATE WITH ELBOW DOWN AT 12" A.F.G., ABOVE SPLASH BLOCK. COORDINATE WITH G.C.
- SEE CIVIL DRAWINGS FOR CONTINUATION.



2 P1.1 FIRST FLOOR WASTE AND VENT PLAN
 1/8" = 1'-0"



1 P1.1 UNDER FLOOR WASTE AND VENT PLAN
 1/8" = 1'-0"



REVISIONS:

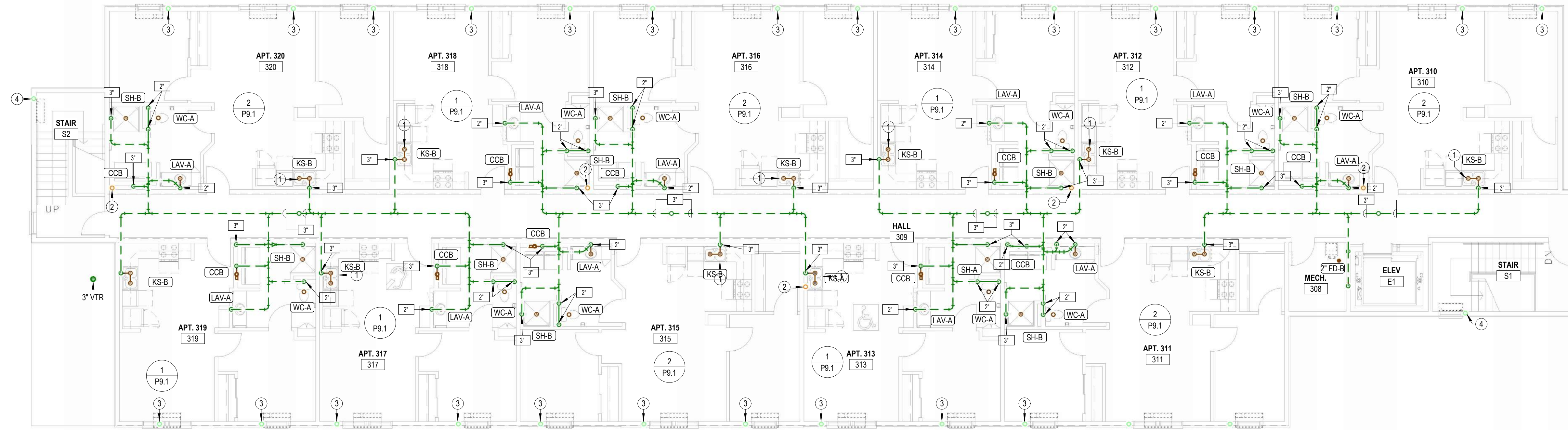
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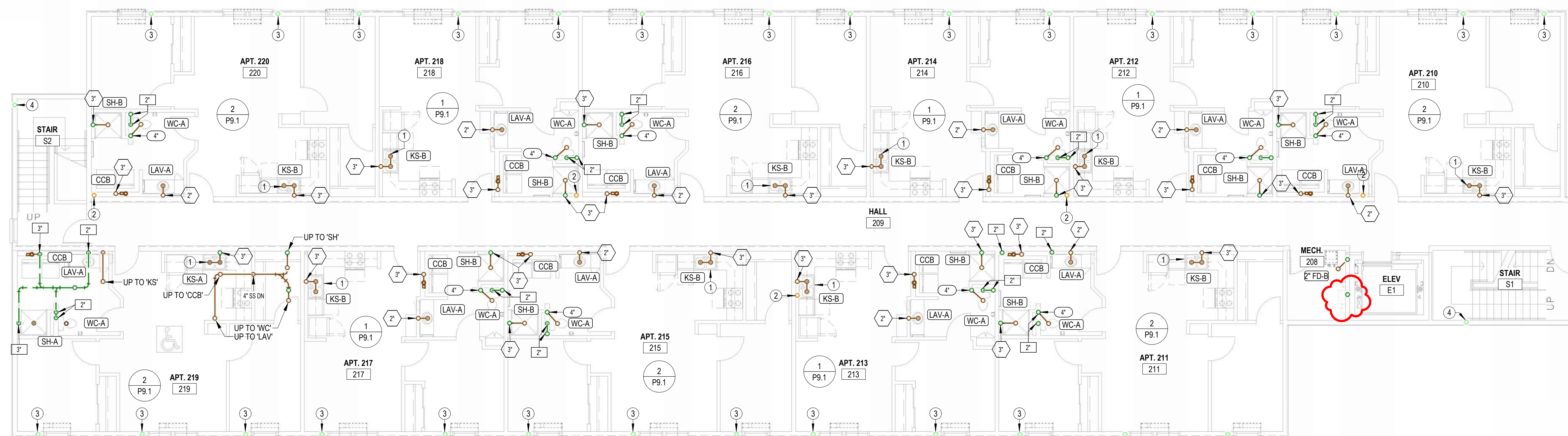
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- 1 PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETRY. COORDINATE EXACT ROUTING WITH G.C.
- 2 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
- 3 CONNECT 3/4" CONDENSATE DRAIN FROM EACH PTAC TO COMMON 1" CONDENSATE PIPE. ROUTE 1" CONDENSATE PIPE CONCEALED IN WALL AND TERMINATE WITH ELBOW DOWN AT 12" A.F.G., ABOVE SPLASH BLOCK. COORDINATE WITH G.C.
- 4 ROUTE 1" CONDENSATE PIPE FROM INDOOR UNIT CONCEALED IN WALL AND TERMINATE WITH ELBOW DOWN AT 12" A.F.G., ABOVE SPLASH BLOCK. COORDINATE WITH G.C.



2
P1.2
THIRD FLOOR WASTE AND VENT PLAN
1/8" = 1'-0"



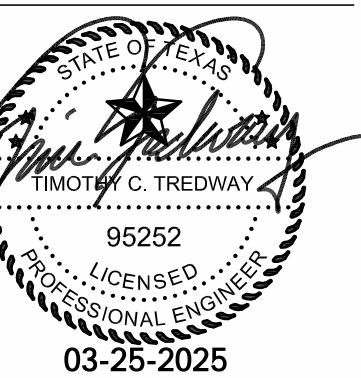
1
P1.2
SECOND FLOOR WASTE AND VENT PLAN
1/8" = 1'-0"



RESIDENCES AT RED CEDAR
 NEW SENIOR-LIVING FACILITY

TEXAS

CORSICANA,



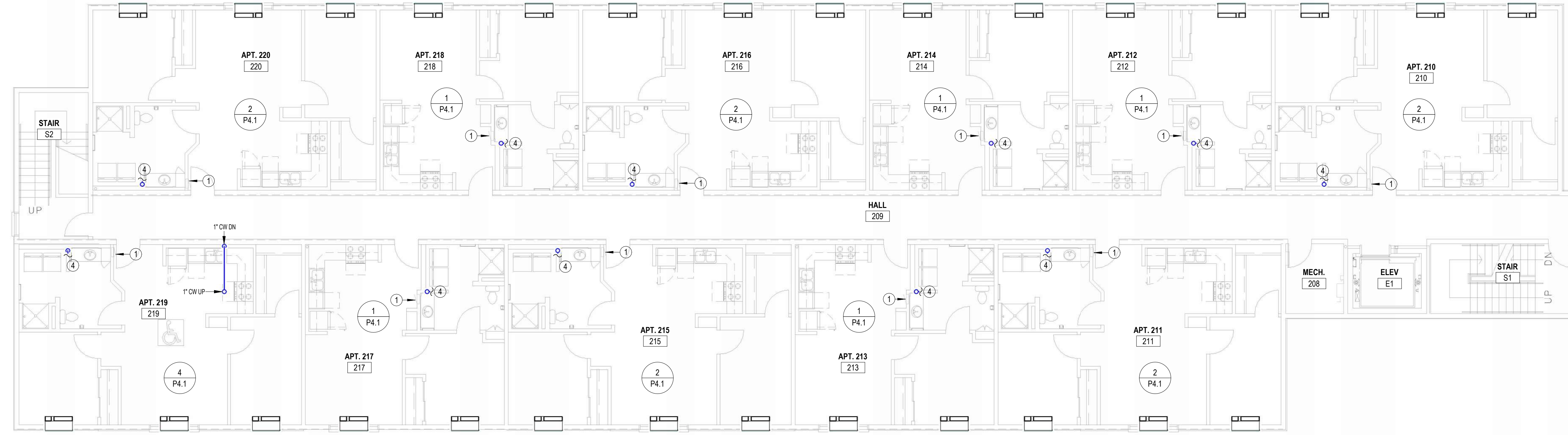
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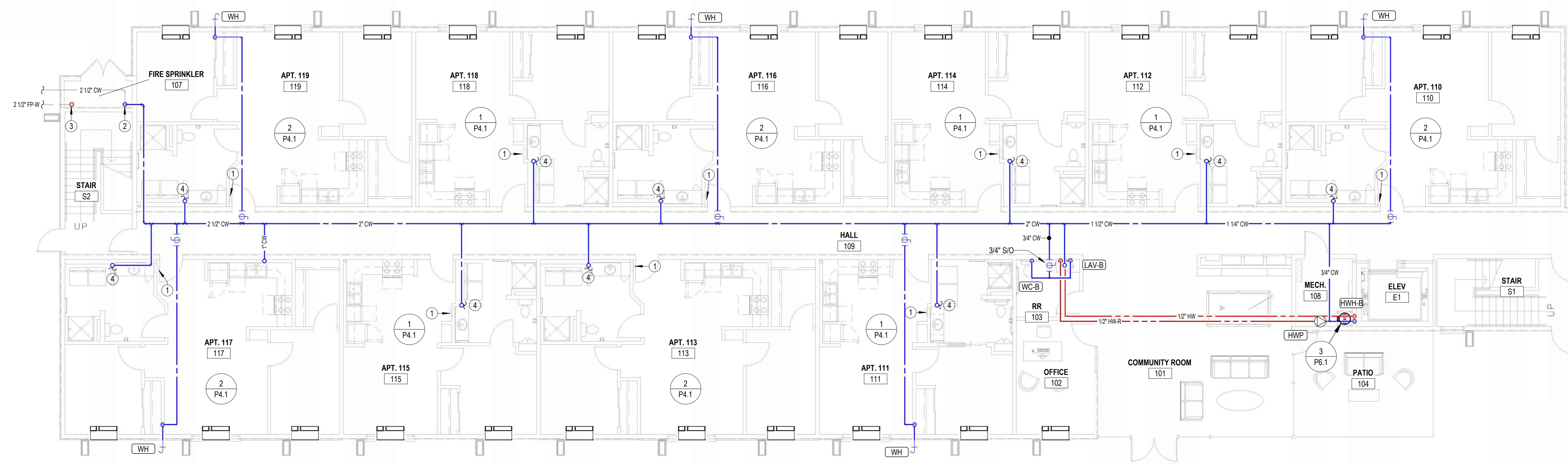
COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE	
	Cross-linked polyethylene (PEX)	Polypropylene
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"
1-1/2"	2"	2"
2"	2-1/2"	2-1/2"
2-1/2"	3"	3"
3"	3-1/2"	3-1/2"

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 ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
 - 2 PROVIDE SHUT-OFF VALVE AT WATER SERVICE ENTRANCE WITH PRESSURE REDUCING VALVE SET TO 80 PSI IF REQUIRED. COORDINATE REQUIREMENTS WITH CITY OF CORSICANA.
 - 3 FIRE PROTECTION SERVICE ENTRANCE. INSTALL IN ACCORDANCE WITH NFPA 13R. COORDINATE LOCATION OF ALL VALVES AND APPURTENANCES WITH AHJ. SEE FIRE PROTECTION RISER DETAIL ON P6.1 FOR MORE INFORMATION.
 - 4 SEE ENLARGED DOMESTIC WATER PLANS FOR CONTINUATION.



2 SECOND FLOOR DOMESTIC WATER PLAN
 P1.3 1/8" = 1'-0"

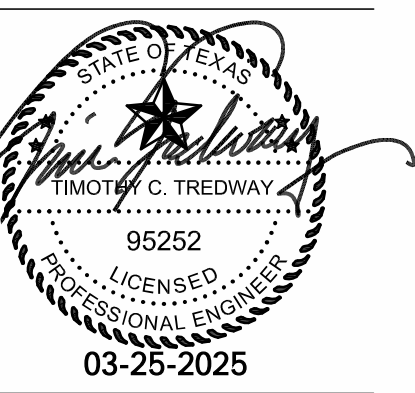


1 FIRST FLOOR DOMESTIC WATER PLAN
 P1.3 1/8" = 1'-0"

RESIDENCES AT RED CEDAR
NEW SENIOR-LIVING FACILITY

TEXAS

CORSICANA,



REVISIONS:
 DATE: 03/25/2025
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 SHEET NO.:

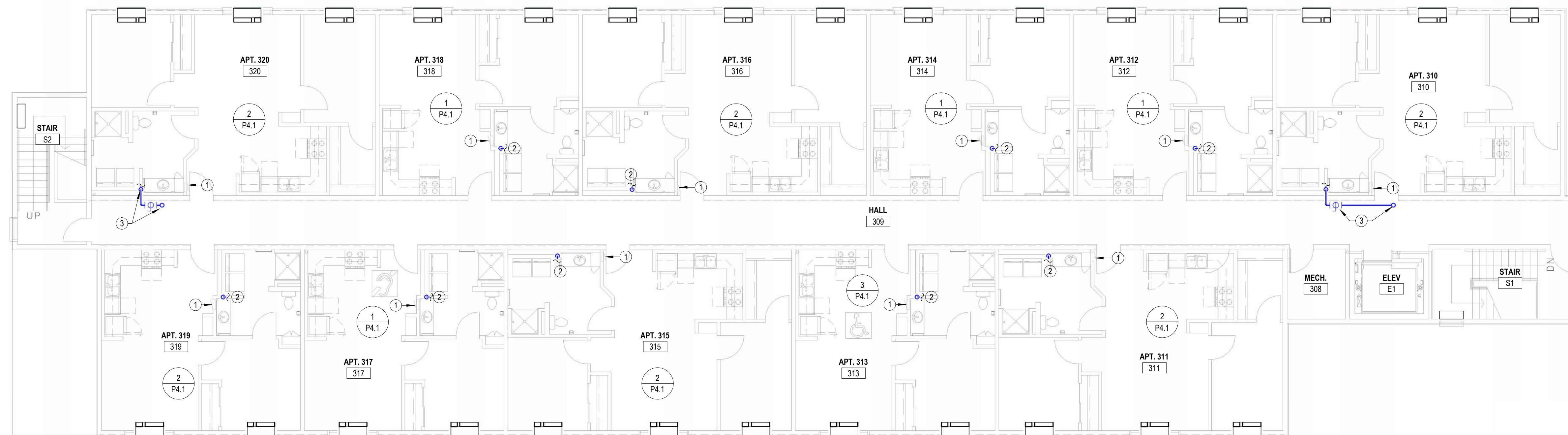
COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE	
	Cross-linked polyethylene (PEX)	Polypropylene
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"
1-1/2"	2"	2"
2"	2-1/2"	2-1/2"
2-1/2"	3"	3"
3"	3-1/2"	3-1/2"

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.

PIPING TO FIXTURES FOR DWELLING UNITS ON 3RD FLOOR TO BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.

NOTES BY SYMBOL:

- ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
- SEE ENLARGED DOMESTIC WATER PLANS FOR CONTINUATION.
- PROVIDE 3/4" COLD WATER WITH SHUT-OFF VALVE UP TO ROOF HYDRANT, CONNECT TO 1" PIPING PRIOR TO APARTMENT SHUT-OFF VALVE.



1 P1.4 THIRD FLOOR DOMESTIC WATER PLAN
 1/8" = 1'-0"

RESIDENCES AT RED CEDAR

NEW SENIOR-LIVING FACILITY

CORSICANA, TEXAS



REVISIONS:

DATE: 03/25/2025
 JOB: 24-3392
 SHEET NO.:

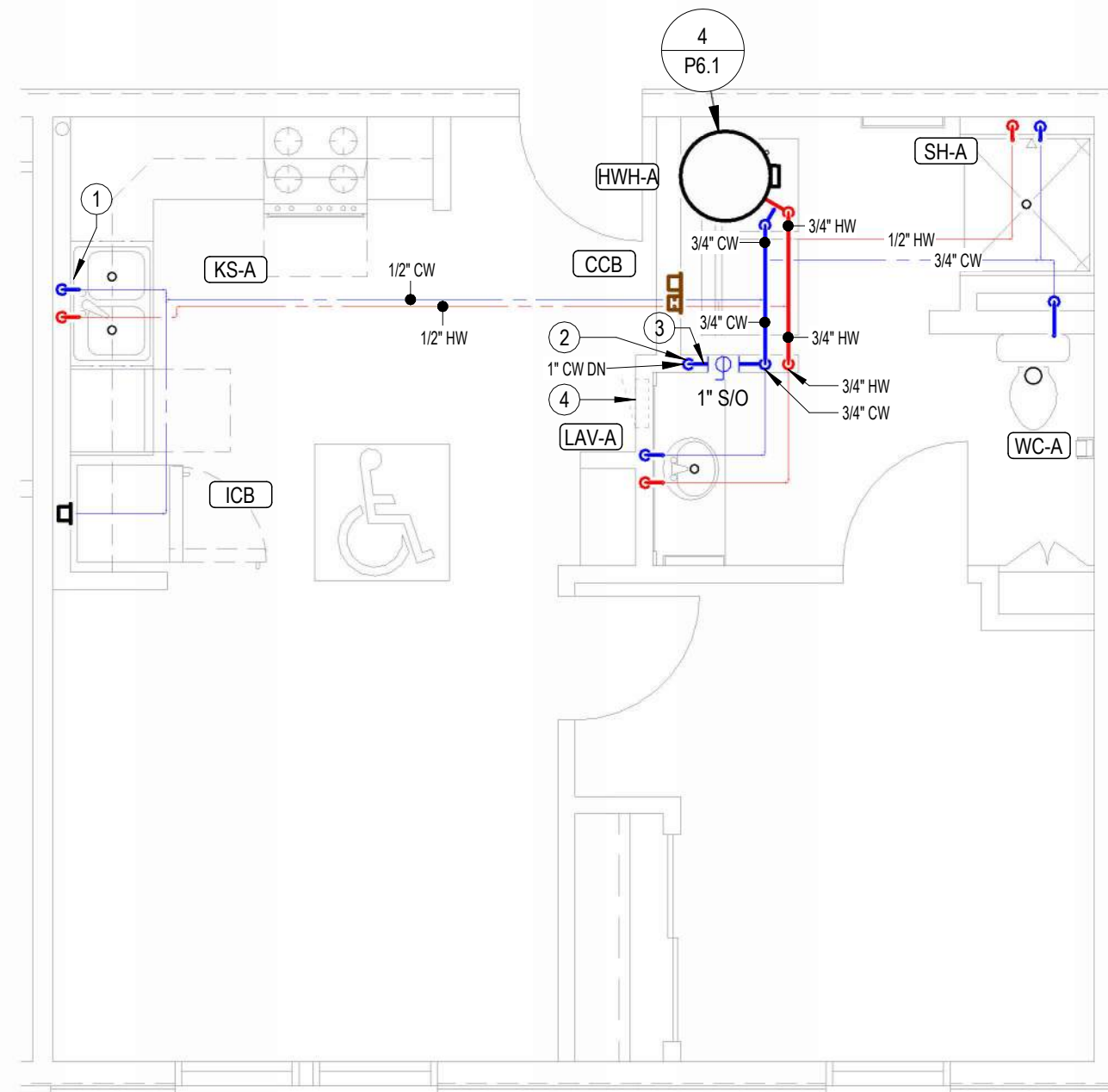
COPPER PIPE SIZE INDICATED	ALTERNATE MATERIAL SIZE	
	Cross-linked polyethylene (PEX)	Polypropylene
1/2"	1/2"	1/2"
3/4"	3/4"	3/4"
1"	1-1/4"	1-1/4"
1-1/4"	1-1/2"	1-1/2"
1-1/2"	2"	2"
2"	2-1/2"	2-1/2"
2-1/2"	3"	3"
3"	3-1/2"	3-1/2"

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.

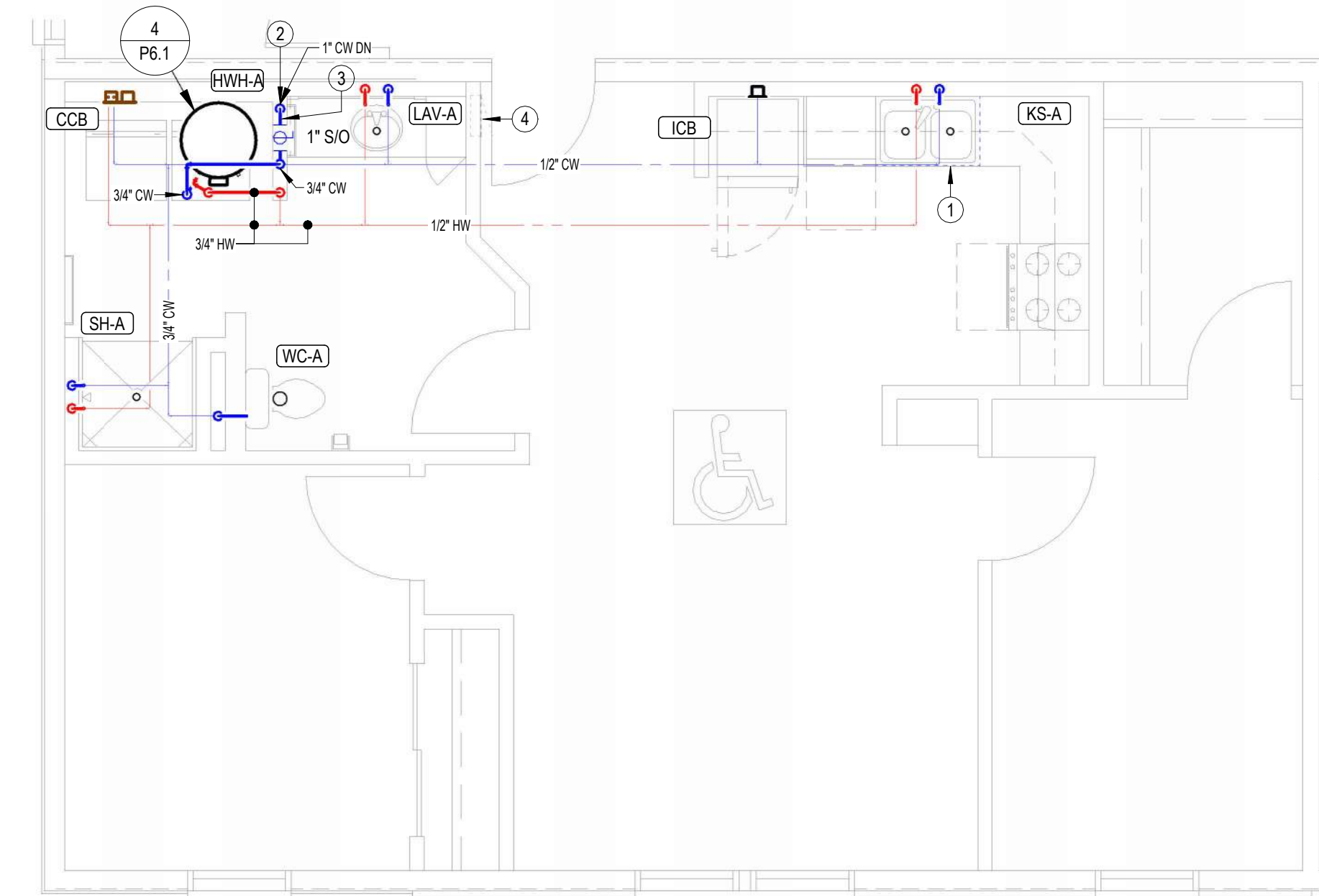
PIPING TO FIXTURES FOR DWELLING UNITS ON 3RD FLOOR TO BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.

NOTES BY SYMBOL

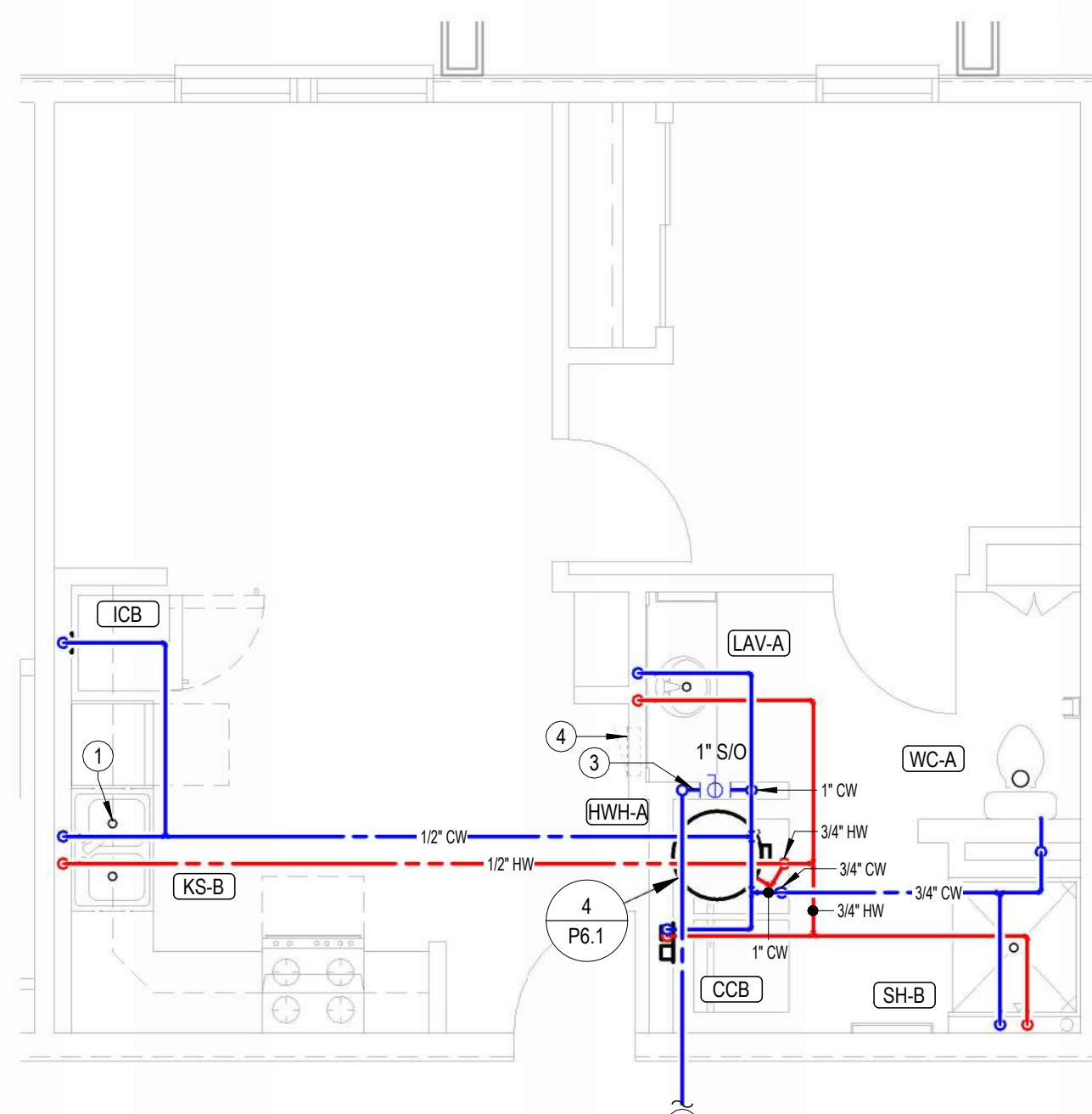
- 1 PROVIDE 1/2" VALVED BRANCH BELOW SINK AND CONNECT DISHWASHER. ROUTE PIPING ALONG BACK OF CABINETS, COORDINATE EXACT ROUTING WITH G.C. COORDINATE EXACT REQUIREMENTS WITH DISHWASHER PROVIDED.
- 2 SEE OVERALL DOMESTIC WATER PLANS FOR CONTINUATION.
- 3 PROVIDE 1" WATER SERVICE TO APARTMENT WITH SHUT-OFF VALVE CONCEALED IN WALL, PROVIDE ACCESS PANEL IN DWELLING UNIT AS REQUIRED.
- 4 ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.



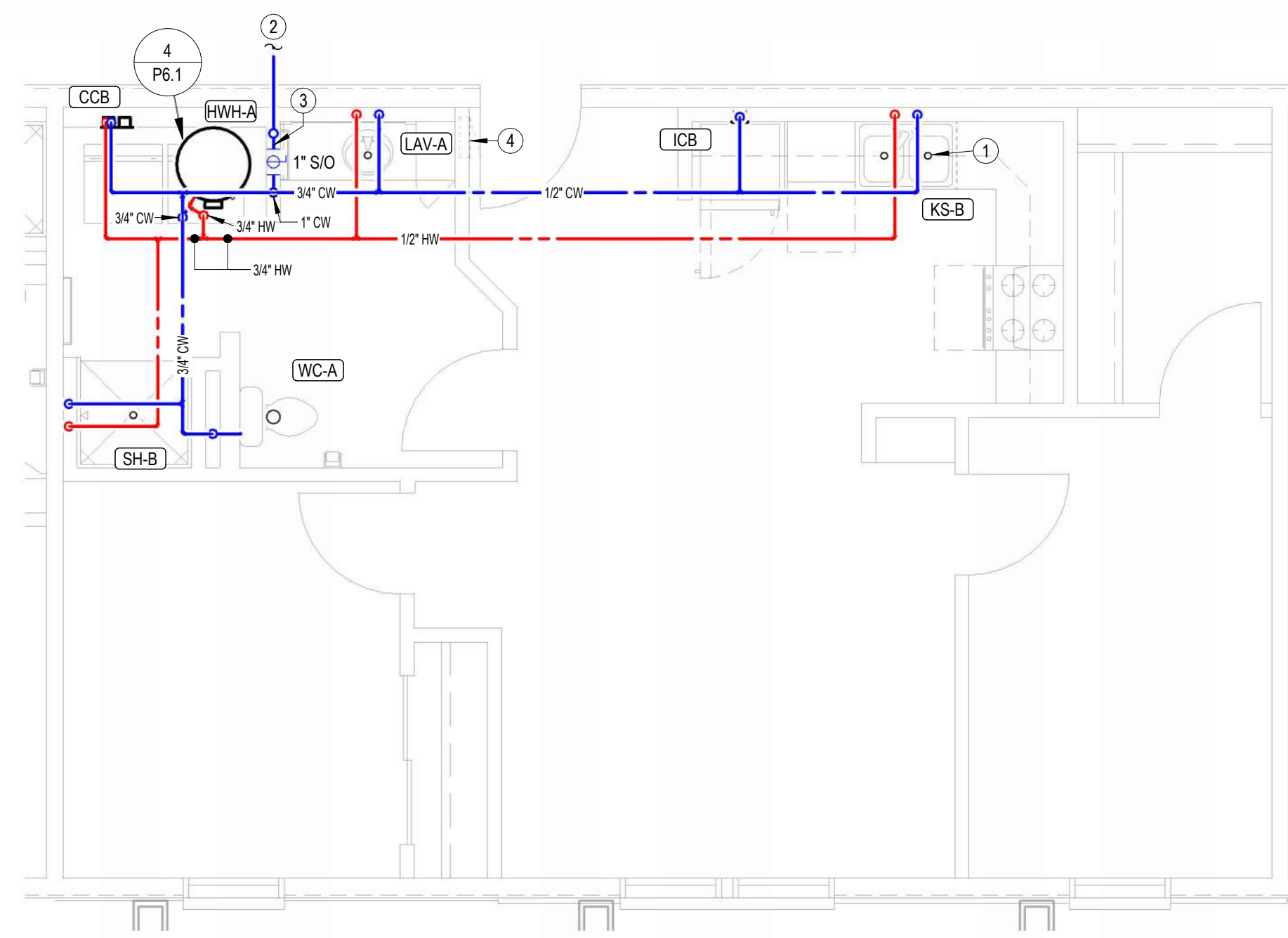
3 TYPICAL 1 BEDROOM ACCESSIBLE (2A) ENLARGED DOMESTIC WATER PLAN
 P4.1 1/4" = 1'-0"



4 TYPICAL 2 BEDROOM ACCESSIBLE (2A) ENLARGED DOMESTIC WATER PLAN
 P4.1 1/4" = 1'-0"



1 TYPICAL 1 BEDROOM ENLARGED (1B) DOMESTIC WATER PLAN
 P4.1 1/4" = 1'-0"



2 TYPICAL 2 BEDROOM ENLARGED (2B) DOMESTIC WATER PLAN
 P4.1 1/4" = 1'-0"



REVISIONS:

DATE:	03/25/2025
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Domestic Water Equipment Schedule

Mark	Manufacturer	Model	Specification	Notes
HWH-A	AO Smith	ENJ-40	40 Gallon electric water heater, 0.93 UEF, 4500 watts, 208v heating element, 21 GPH recovery @ 90°F temp rise. Supplied with temperature and pressure relief valve and brass drain valve. Water heater shall have temperature controls set to limit supply temperature to 120°F or less.	1
HWH-B	AO Smith	EJCS-20	20 Gallon electric water heater, 2500 watts, 120v heating element, 11 GPH recovery @ 90°F temp rise. Supplied with temperature and pressure relief valve and brass drain valve. Water heater shall have temperature controls set to limit supply temperature to 120°F or less.	1
HWP	Bell & Gossett	ECOCIRC 63-4V	Circulation pump, bronze body, 10 GPM @ 10' head, 120 VAC. Provide clamp-on aquastat for pump control.	

GENERAL:
 • Provide fixtures with all trim necessary for complete installation.

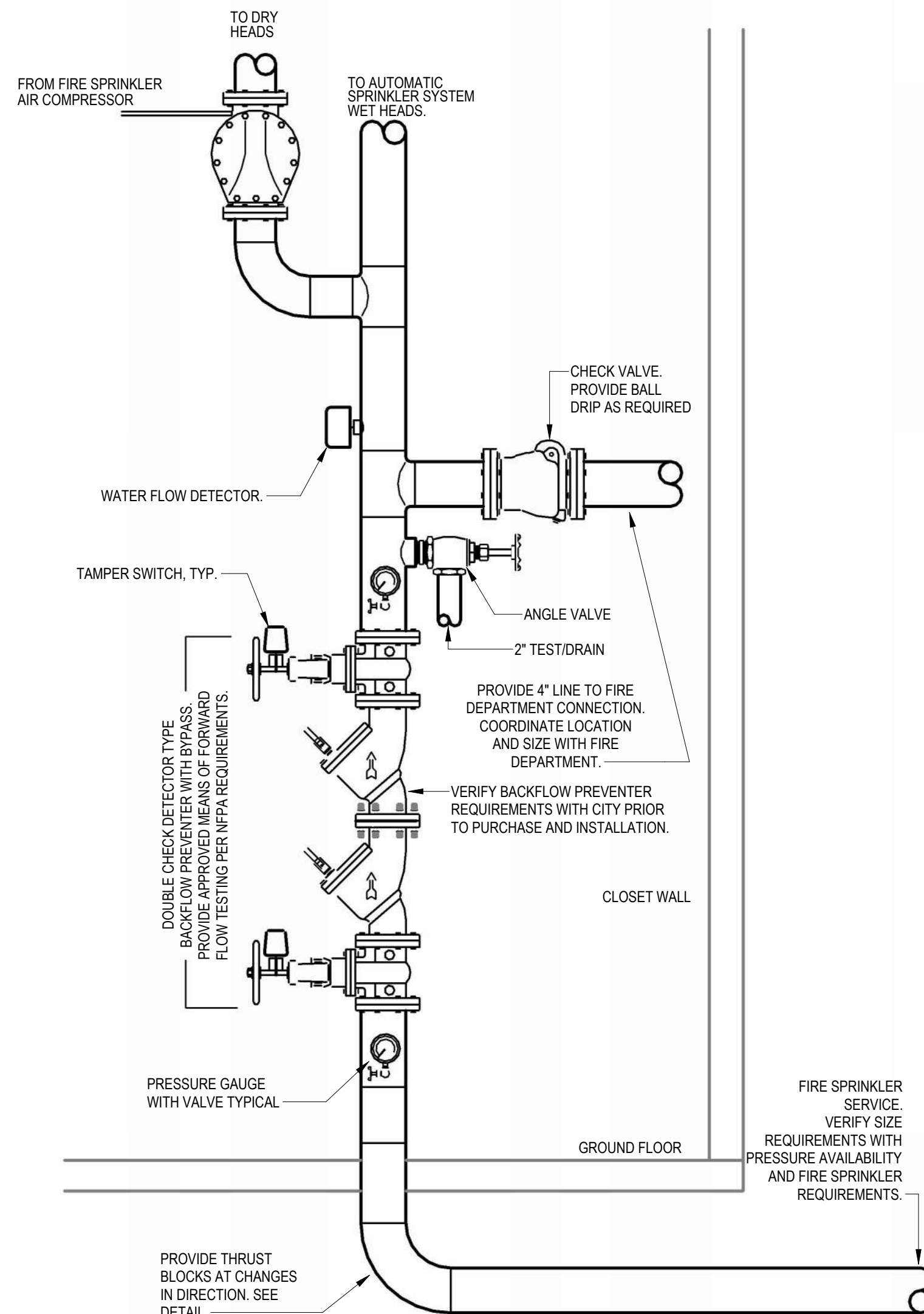
NOTES:
 1. Provide wall hung platform for water heater equal to Holdrite #60SWHP-W. Coordinate exact location and mounting with height with architect.
 2. Pump shall have controls to prevent startup within 5 minutes from the end of the previous heating cycle. hot water recirculation system shall meet all requirements of 2018 IECC.

PLUMBING FIXTURE SCHEDULE

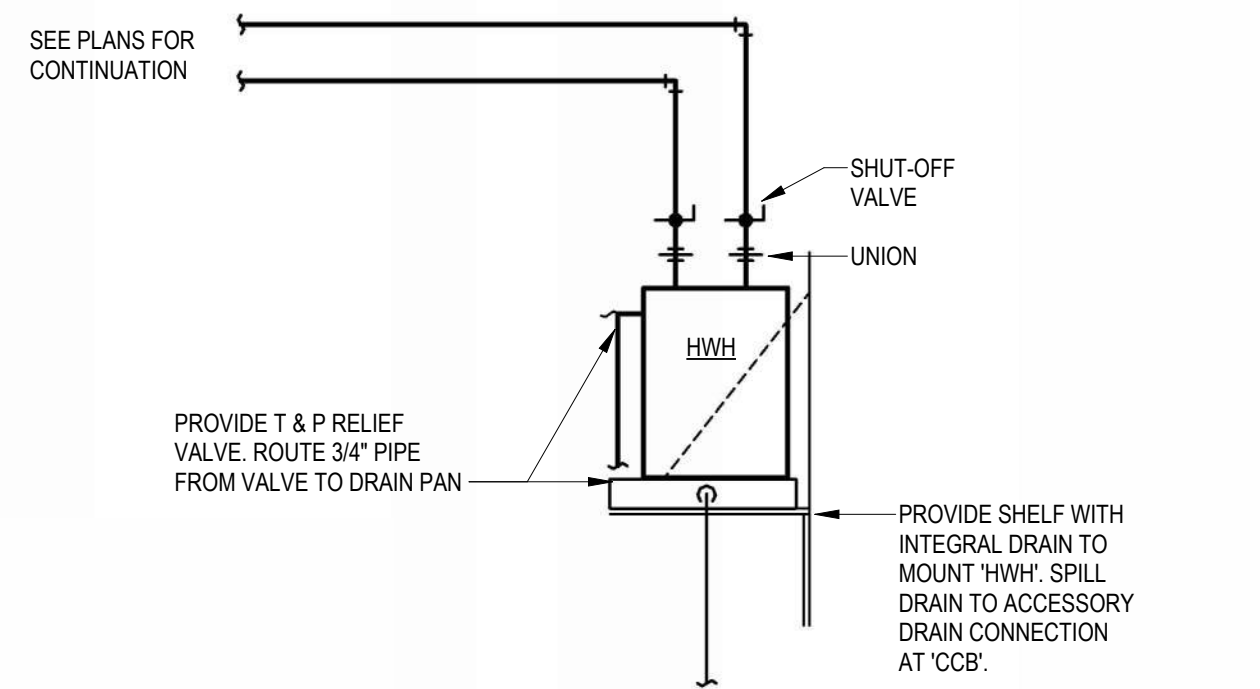
MARK	MANUFACTURER	MODEL	PRODUCT DESCRIPTION	TRIM DESCRIPTION	ROUGH-IN SIZES			COLD	HOT	ADA COMPLIANT	NOTES		
					DRAIN	VENT	WATER						
CCB	OATEY	MODA	Washing machine box with 2" PVC/ABS drain coupling and knockout test cap. Two, 1/4 turn ball valves with hammer arrestors, sweat connection. Provide with Oatey MODA secondary drain kit to allow connection of Hot Water Heater drain pan at top of box.				2"	1 1/2"	1/2"	Yes	Yes		
FD-A	Sioux Chief	833	Adjustable floor drain with nickel bronze strainer. Provide Proset Trappguard protection device.				2"	2"					
FD-B	Sioux Chief	822	Adjustable floor drain with deck flange and nickel bronze strainer. Provide Proset Trappguard protection device.				2"	2"					
FS	Sioux Chief	861	12" Square, 8" Deep, PVC floor sink with PVC strainer. Provide Proset Trappguard protection device.				3"	2"					
ICB	Sioux Chief	696-G1010	Ice maker connection box with 1/4 turn ball valve and integral hammer arrestor.				0"	0"	1/2"	Yes	No		
KS-A	Just	DLADA1829A65-J	Two compartment 20 GA stainless steel sink, self rimming, 14"x16"x5"D inside, fully undercoated, faucet holes as required, and drain hole center rear. Single handle kitchen sink faucet with hose spray, and basket strainer. IN-SINK-ERATOR: "Badger 5" garbage disposal, 1/2hp, 120V cord and plug connected.	Kohler / K-10412			2"	2"	1/2"	Yes	Yes	Yes	1,2,3,4,5
KS-B	Just	DLADA1829A65-J	Two compartment 20 GA stainless steel sink, self rimming, 14"x16"x8"D inside, fully undercoated, faucet holes as required. Single handle kitchen sink faucet with hose spray, and basket strainer. IN-SINK-ERATOR: "Badger 5" garbage disposal, 1/2hp, 120V cord and plug connected.	Kohler / K-10412			2"	2"	1/2"	Yes	Yes	No	2,3,4,5
LAV-A	American Standard	0610.000.020	20"W x 17" Self-Rimming lavatory. Faucet holes On 4" Centers. Single handled 0.5 GPM faucet. Provided with pop-drain.	Kohler / 1518-4NDRA			2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,5
LAV-B	American Standard	0610.000.020	20"W x 17" Self-Rimming lavatory. Faucet holes On 4" Centers. Single handled 0.5 GPM faucet. Provide with grid drain, point of use thermostatic mixing valve, and chrome plated or braided stainless steel domestic water supply lines.	Kohler / 1518-4NDRA			2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,5
RH	Woodford	RHY2-MS	Frost proof Roof Hydrant with ASSE 1052 double check backflow preventer that is field testable, integral vent that allows drainage with 1/8" drain hole drilled and tapped in body of hydrant. Provide with manufacturer's roof mounting system consisting of cast iron hydrant support, under deck flange, well seal, EPDM boot, and shims as required. Coordinate installation with G.C.						3/4"	Yes	No	No	
SH-A	Aqua Bath Co.	C4136BF-OT-FUS 3/4"	Center drain option, reinforced fiberglass ADA base model shower, 36"Wx36"Dx60"H with integral soap/shelley shelves in accordance with ADA requirements, fold-up seat, right or left hand rough-in as required, white finish, provide with collapsible dam. Entire assembly shall have nickel finish. Max 2.0 GPM	Kohler / K-8304-KS pressure balancing valve with integral temperature limits and stops / K-TS10276-4 valve trim / K-Z2173 wall supply elbow / K-9514 60" hose / K-22165-G hand shower / K-8524 and K-349 slide bar.			2"	2"	1/2"	Yes	Yes	Yes	1
SH-B	Aquatic	13636FHARRF	Cast acrylic shower, 36" square inside, rear molded soap shelf, provide with FHA backing. Max 2.0 GPM	Kohler / K-8304-KS pressure balancing valve with integral temperature limits and stops / K-TS10276-4 valve trim			2"	2"	1/2"	Yes	Yes	Yes	
SS	Fiat	MSB-2424	One piece molded stone mop basin, 24" square, stainless steel integral drain body with caulk connection, stainless steel wall guards. Faucet with hose thread outlet, vacuum breaker, pail hook, wall brace, and metal lever handles.	Chicago Faucets / 897-CP			3"	1 1/2"	3/4"	Yes	Yes	No	
WC-A	Kohler	5296 Highline	Two piece, 12" rough-in, elongated 16-1/2" high bowl, siphon jet flushing action, actuator located on open side of room. Elongated closed front seat and cover. Provide with 1/4" brass ball valve at wall connection.	Kohler / K-5588			4"	2"	1/2"	Yes	No	No	1
WC-B	Kohler	5296 Highline	Two piece, 12" rough-in, elongated 16-1/2" high bowl, siphon jet flushing action, actuator located on open side of room. Elongated closed front seat. Provide with 1/4" brass ball valve at wall connection.	Kohler / K-5588			4"	2"	1/2"	Yes	No	Yes	1
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.						3/4"	Yes	No	No	

GENERAL:
 • Provide fixtures with all trim necessary for complete installation.
 • All water closets, lavatory faucets, and showerheads shall have EPA's WaterSense label.

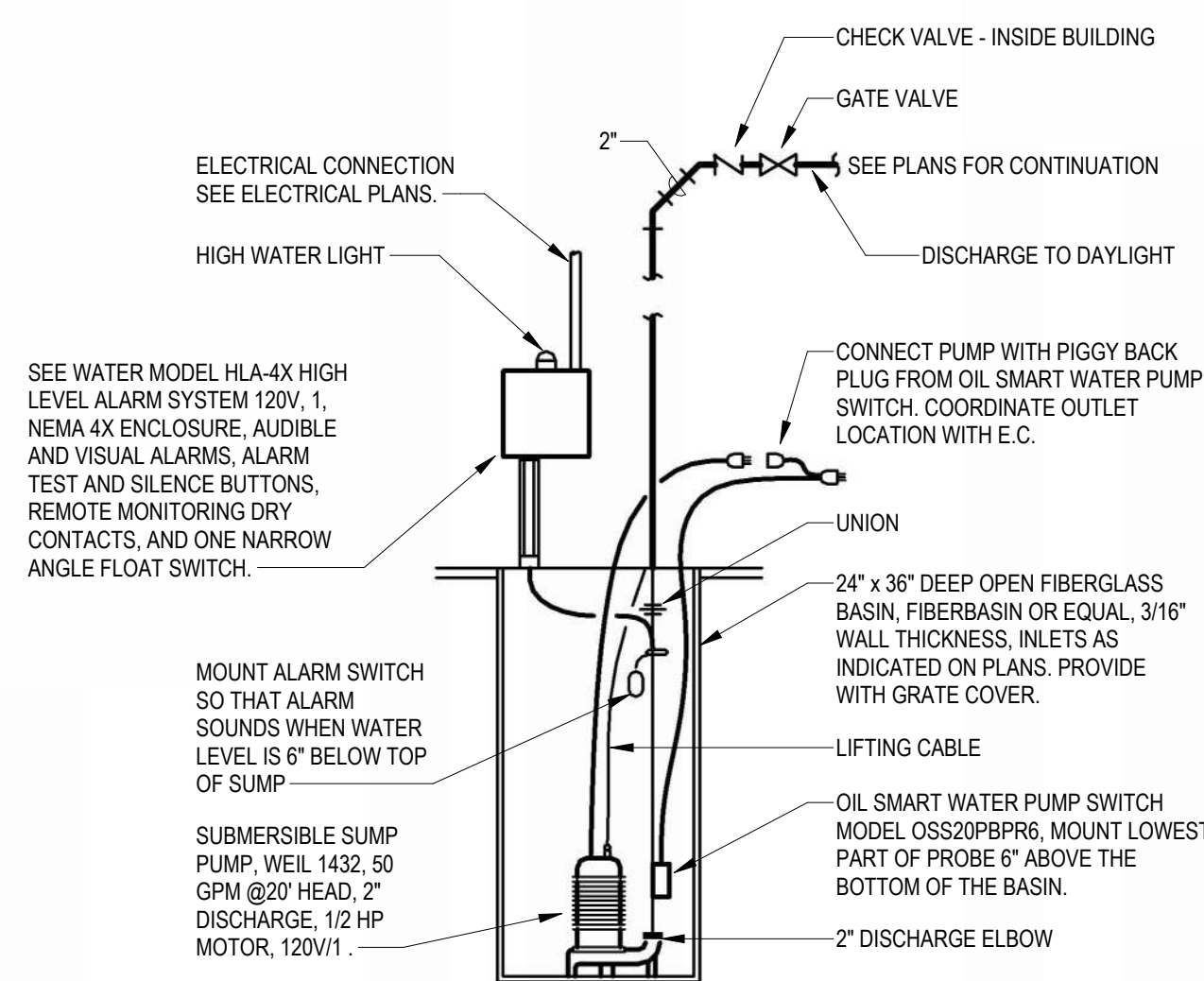
NOTES:
 1. In areas open to the public, fixture and installation to meet requirements of Americans with Disabilities Act. In apartments, fixture and installation to meet requirements of the Fair Housing Act.
 2. Provide Dearborn supplies with stops and escutcheon plate, 1-1/4" cast brass p-trap.
 3. Insulate water and waste piping below fixture. Utilize insulation kit equivalent to LavGuard by Truebro.
 4. Trim shall be provided with polished chrome finish.
 5. Insulate water and waste piping below sink. Utilize insulation kit equivalent to LavGuard by Truebro. Provide Plumberex model #3071WD-N waste disposal cover.



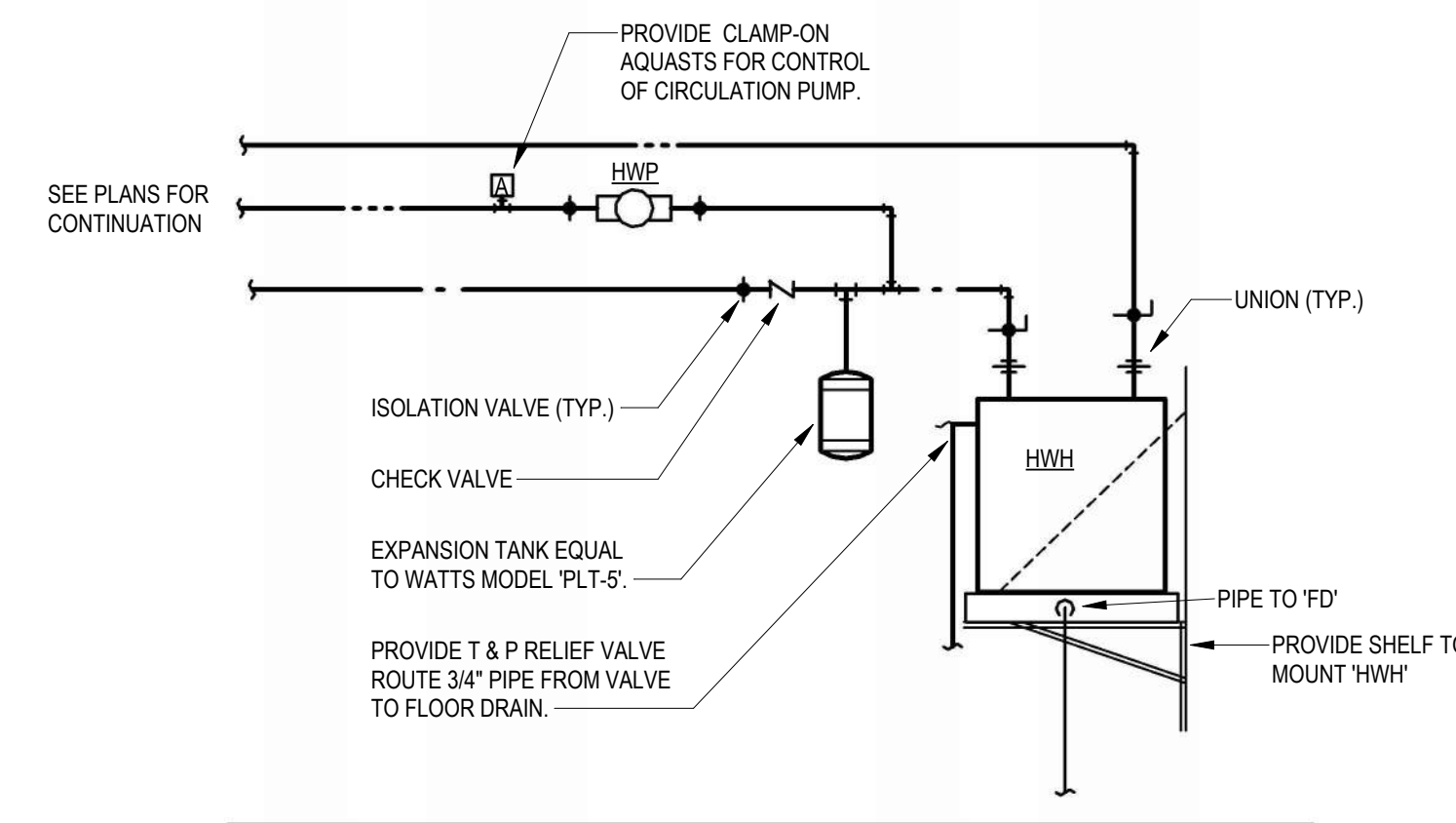
1 FIRE PROTECTION RISER DIAGRAM
 P6.1 NO SCALE



4 APARTMENT WATER HEATER DIAGRAM
 P6.1 NO SCALE



2 ELEVATOR SUMP PUMP
 P6.1 NO SCALE

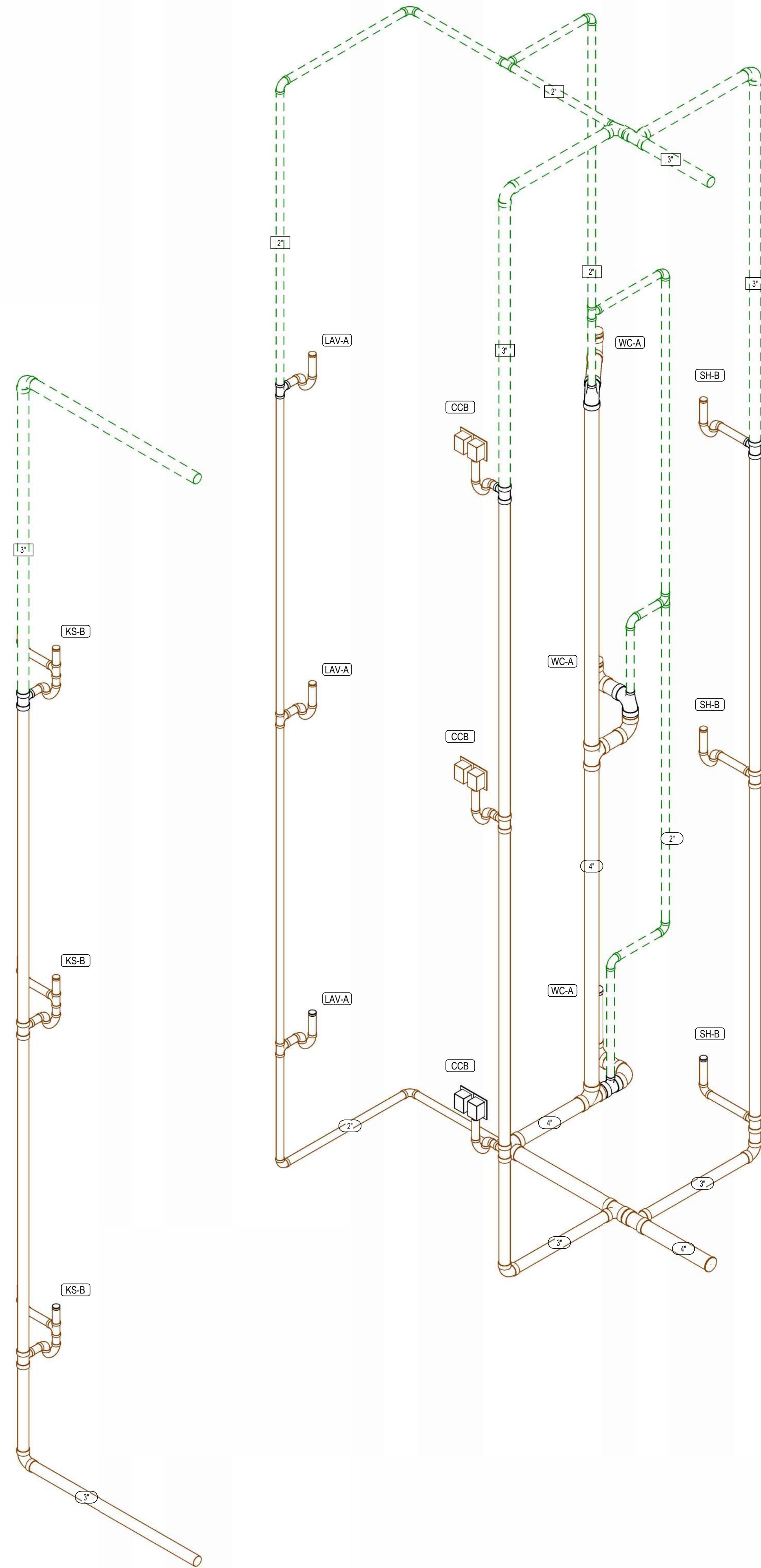


3 WATER HEATER ON SHELF PIPING DIAGRAM
 P6.1 NO SCALE

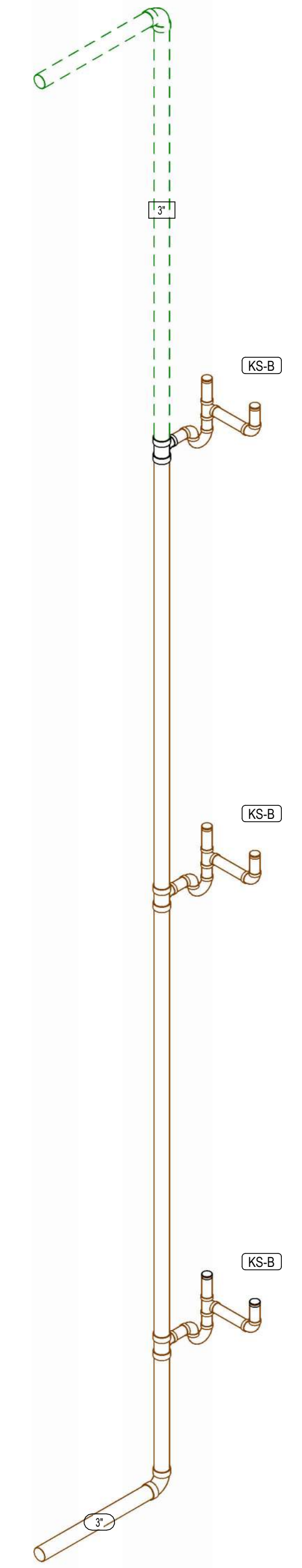
PLUMBING SIZING SYMBOLS

⊖ ^{x"}	DRAIN (X = SIZE)
⊏ ^{x"}	VENT (X = SIZE)
⊗ ^{x"}	WASTE STACK VENT (X = SIZE)

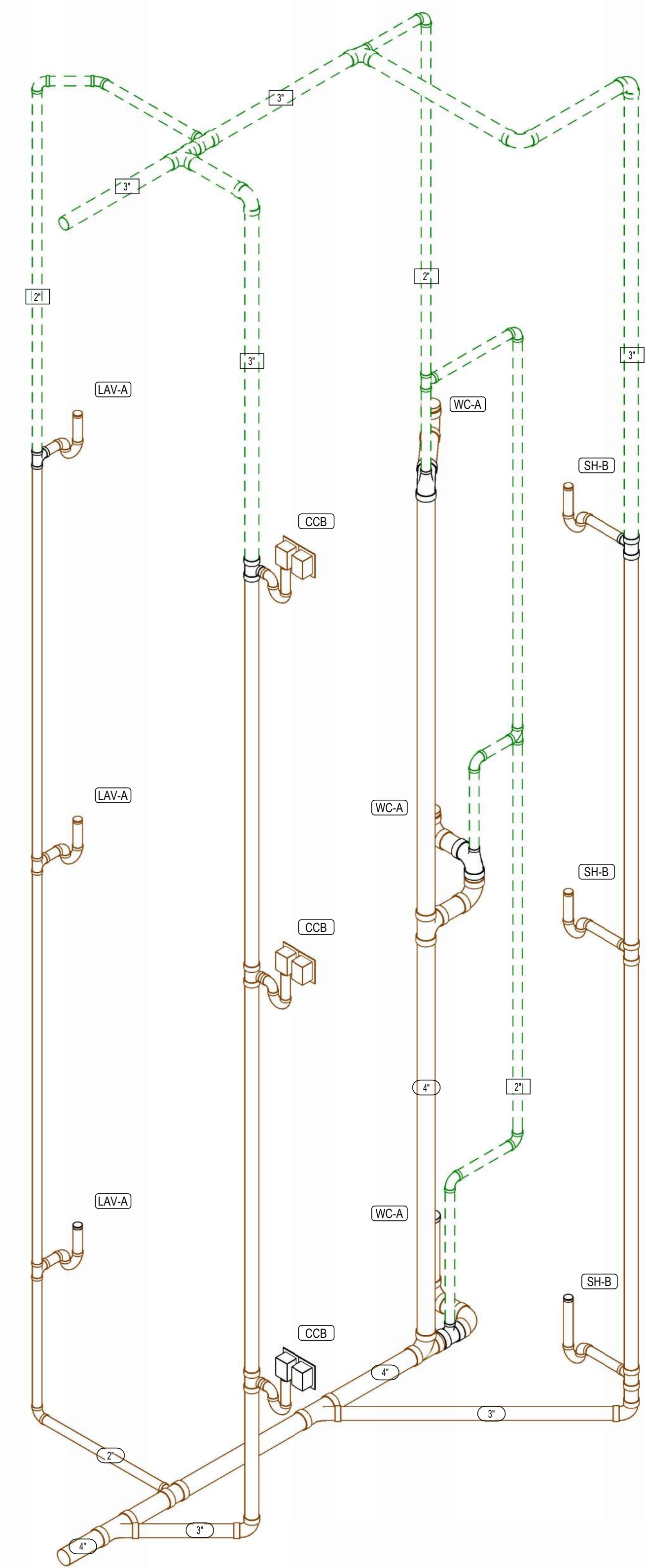
NOTES BY SYMBOL



1
P9.1
TYPICAL 1 BEDROOM WASTE AND VENT RISER
NO SCALE



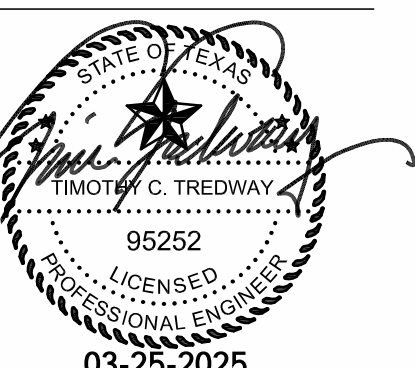
2
P9.1
TYPICAL 2 BEDROOM WASTE AND VENT RISER
NO SCALE



RESIDENCES AT RED CEDAR
NEW SENIOR-LIVING FACILITY

TEXAS

CORSICANA,



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