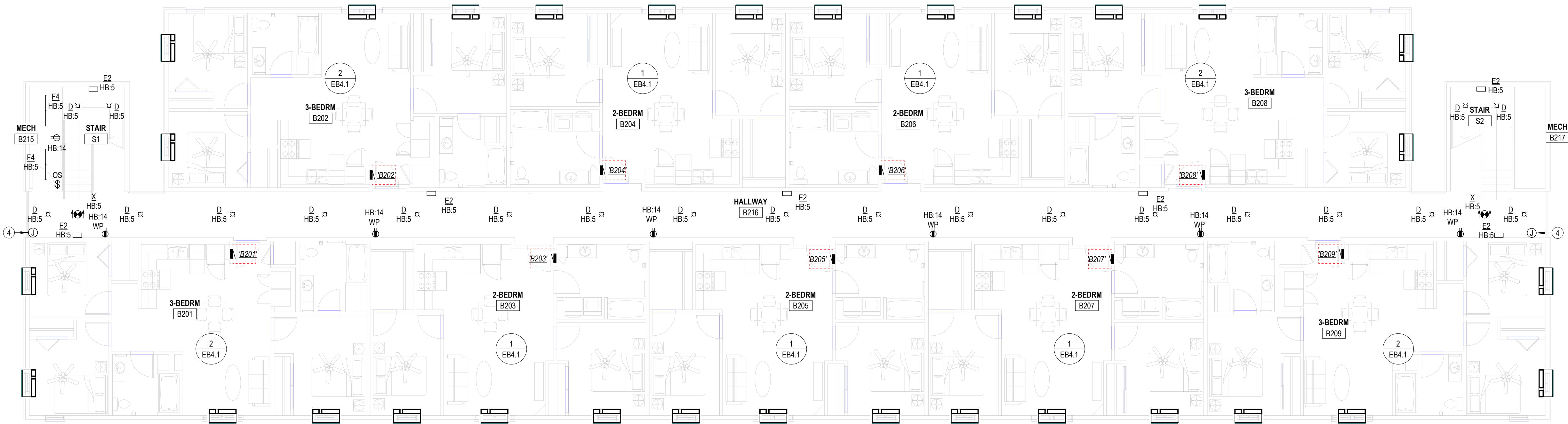






**NOTES BY SYMBOL**

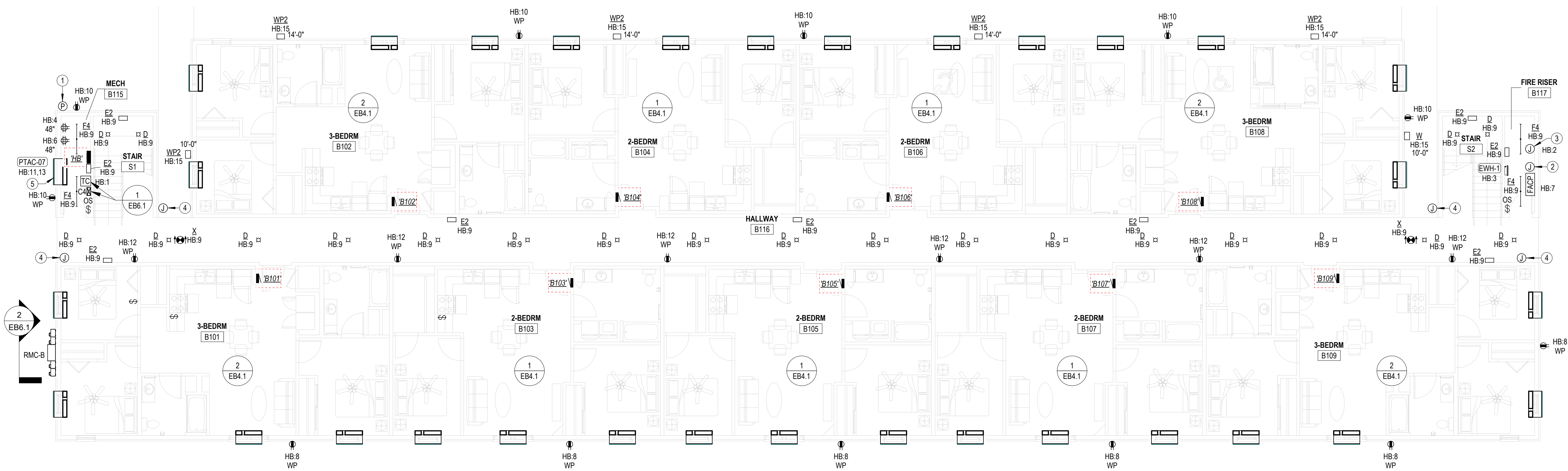
- 1 PHOTOCELL FOR CONTROL OF EXTERIOR LIGHTS SEE DETAIL 1.E6.1 FOR MORE INFORMATION.
- 2 DEDICATED 20 AMP, 120V CIRCUIT FOR FIRE ALARM CONTROL PANEL. VERIFY EXACT LOCATION AND REQUIREMENTS WITH FIRE ALARM CONTRACTOR.
- 3 120V POWER FOR FIRE SPRINKLER SYSTEM FLOW SWITCHES) AND BELL. PROVIDE #8 CU BONDING JUMBER 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.
- 4 COORDINATE SECURITY CAMERA ELECTRICAL ROUGH-IN REQUIREMENTS AND LOCATIONS WITH OWNER.
- 5 PROVIDE NEMA6-15R 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**

**SECOND FLOOR-ELECTRICAL PLAN-BUILDING B**

1/8" = 1'-0"



**1**

**FIRST FLOOR ELECTRICAL PLAN-BUILDING B**

1/8" = 1'-0"

LANDMARK 601

601. W. LEWIS

TEXAS

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DATE: 01-15-2026

JOB: 25-3385

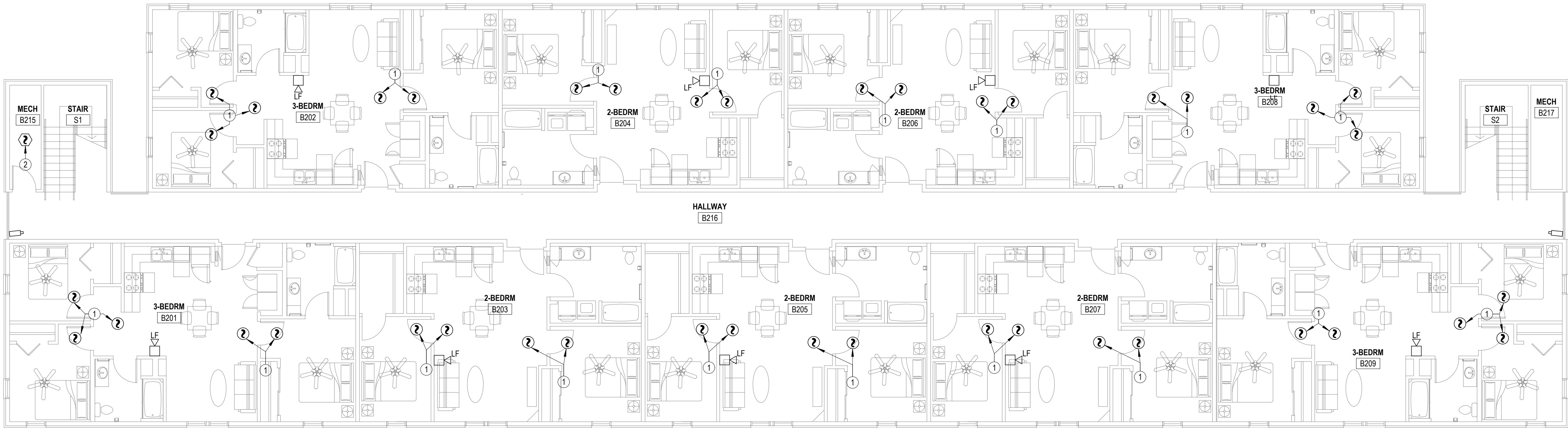
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EB1.1

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- NOTES BY SYMBOL
- 1

CEILING MOUNTED SMOKE ALARM IN APARTMENTS OTHER THAN ADA AND HEARING IMPAIRED. 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#SC701BL OR EQUAL.
- 2

FIRE ALARM SMOKE DETECTOR.
- 3

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" AFF.
- 4

PROVIDE DOOR ANNUNCIATOR SYSTEM A/V HORN/STROBE DEVICE 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 5EB6.1. PROVIDE ENGRAVED SIGN AT THE HORN/STROBE DEVICE TO READ "DOOR".
- 5

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 5EB6.1.
- 6

PROVIDE ADDRESSABLE FIRE ALARM RELAYS AND MONITORING MODULES FOR ALL FIRE SPRINKLER FLOW SWITCHES, TAMPER SWITCHES AND BELLOWS. COORDINATE QUANTITIES AND LOCATIONS WITH FIRE SPRINKLER CONTRACTOR.
- 7

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.
- 8

COVER WALL WITH 4'x8'x3/4" ACX FIRE RETARDANT PLYWOOD SHEETS INSTALLED VERTICALLY WITH BOTTOM AT 6" AFF. 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.
- 9

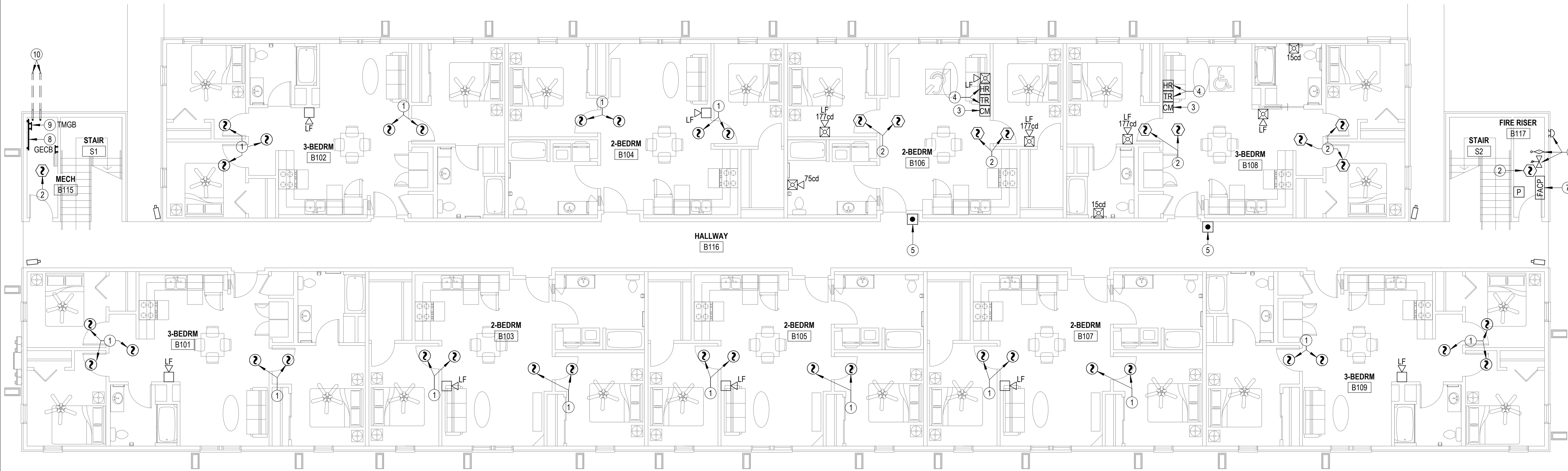
TELECOMMUNICATIONS GROUND BAR, REFERENCE 4.EB6.1 FOR MORE INFORMATION.
- 10

(2) 2" CONDUITS FOR COMMUNICATIONS SERVICES. ROUTE BELOW GRADE AND TERMINATE AT UTILITY EASEMENT. PROVIDE PULL STRING IN EACH RACEWAY. SEE SITE PLAN FOR CONTINUATION.

2

1/8" = 1'-0"

SECOND FLOOR SPECIAL SYSTEMS PLAN - BUILDING B



1

1/8" = 1'-0"

FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING B





LIGHT FIXTURE SCHEDULE

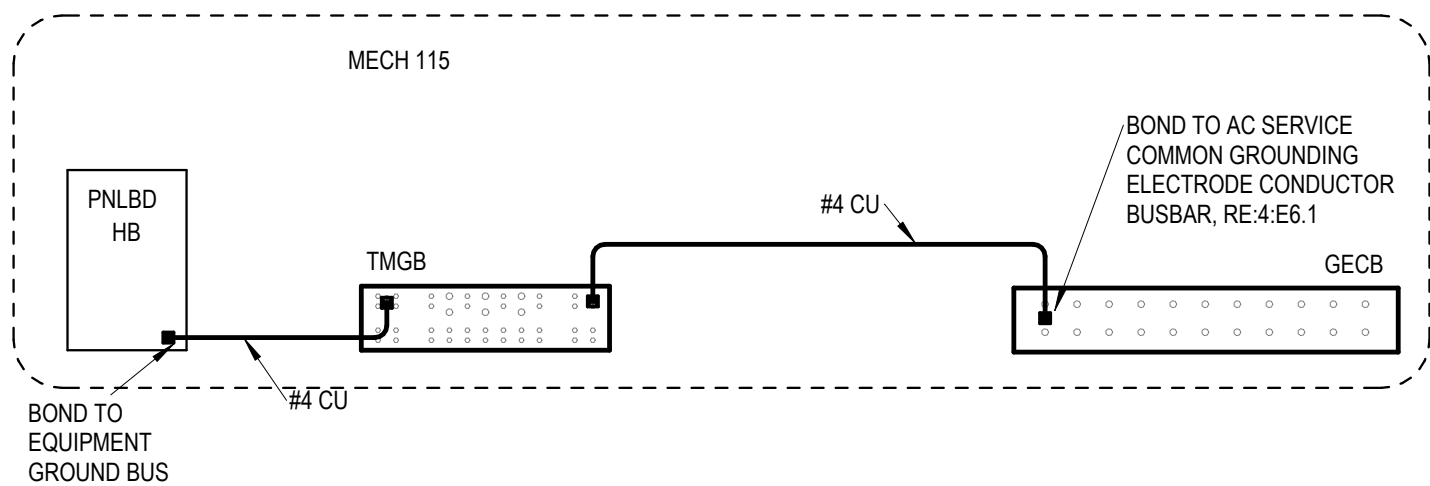
- GENERAL:**
- ALL LEDs SHALL BE 4000K CORRELATED COLOR TEMPERATURE, MINIMUM 80 CRI.
  - ALL LED FIXTURES SHALL ADHERE TO LM78 AND LM80 STANDARDS.
  - PROVIDE MANUFACTURERS' FLANGE KIT WHERE LAY-IN FIXTURES ARE TO BE INSTALLED IN GYP.

- NOTES:**
- PROVIDE FIXTURE WITH INTEGRAL EMERGENCY BATTERY AND CHARGER WITH SELF-DIAGNOSTIC/SELF-TESTING ELECTRONICS.
  - FIXTURE SHALL BE CAPABLE OF WALL OR CEILING MOUNT APPLICATIONS AND SHALL HAVE BREAK-OUT DIRECTIONAL CHEVRONS.
  - LIGHT FIXTURE SELECTED BY INTERIOR DESIGNER AND PROVIDED BY E.C. ALL SUBSTITUTIONS SHALL BE APPROVED BY INTERIOR DESIGNER.
  - FIXTURE SHALL BE CAPABLE OF OPERATION IN TEMPERATURES RANGING FROM -4F THROUGH 104F.
  - U.L. LISTED FOR 'WET LOCATION'.

MARK	MANUFACTURER	MODEL NUMBER	WATTAGE	LUMEN OUTPUT	DRIVER	MOUNTING	FINISH	DESCRIPTION	NOTES
B	---	---	---	---	STANDARD	SURFACE WALL	---	24" BATHROOM VANITY LIGHT SELECTED BY INTERIOR DESIGNER	3
D	HALO	SMX6RLSFS2W	13 W	1200 lm	LED DRIVER, DIMMABLE	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT WITH SELECTABLE LUMEN OUTPUT	--
E2	LITHONIA	AFF OEL DWHGX0 UNVOLT LTP SDRT WT	---	---	--	SURFACE WALL	WHITE	EXTERIOR RATED TWO HEAD EMERGENCY LIGHT, 69" MAX SPACING	1,5
F4	DAY-BRITE CFI	FSS440L840-UNV-DIM	30 W	4077 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4" STANDARD STRIP WITH CURVED FROSTED ACRYLIC LENS	--
WP2	GARDCO	GWM-A10-740-14M-UNV-BK	66 W	9668 lm	STANDARD	WALL	BLACK	WALL PACK FIXTURE, TYPE 4 MEDIUM DISTRIBUTION, 4000K, BLACK FINISH	4,5
X	LIFE SAFETY LIGHTING	LSXS2RWEMSDT	5 W	---	--	CEILING	WHITE	UNIVERSAL SINGLE/DOUBLE FACE POLYCARBONATE EXIT SIGN	1,2

NOTES:

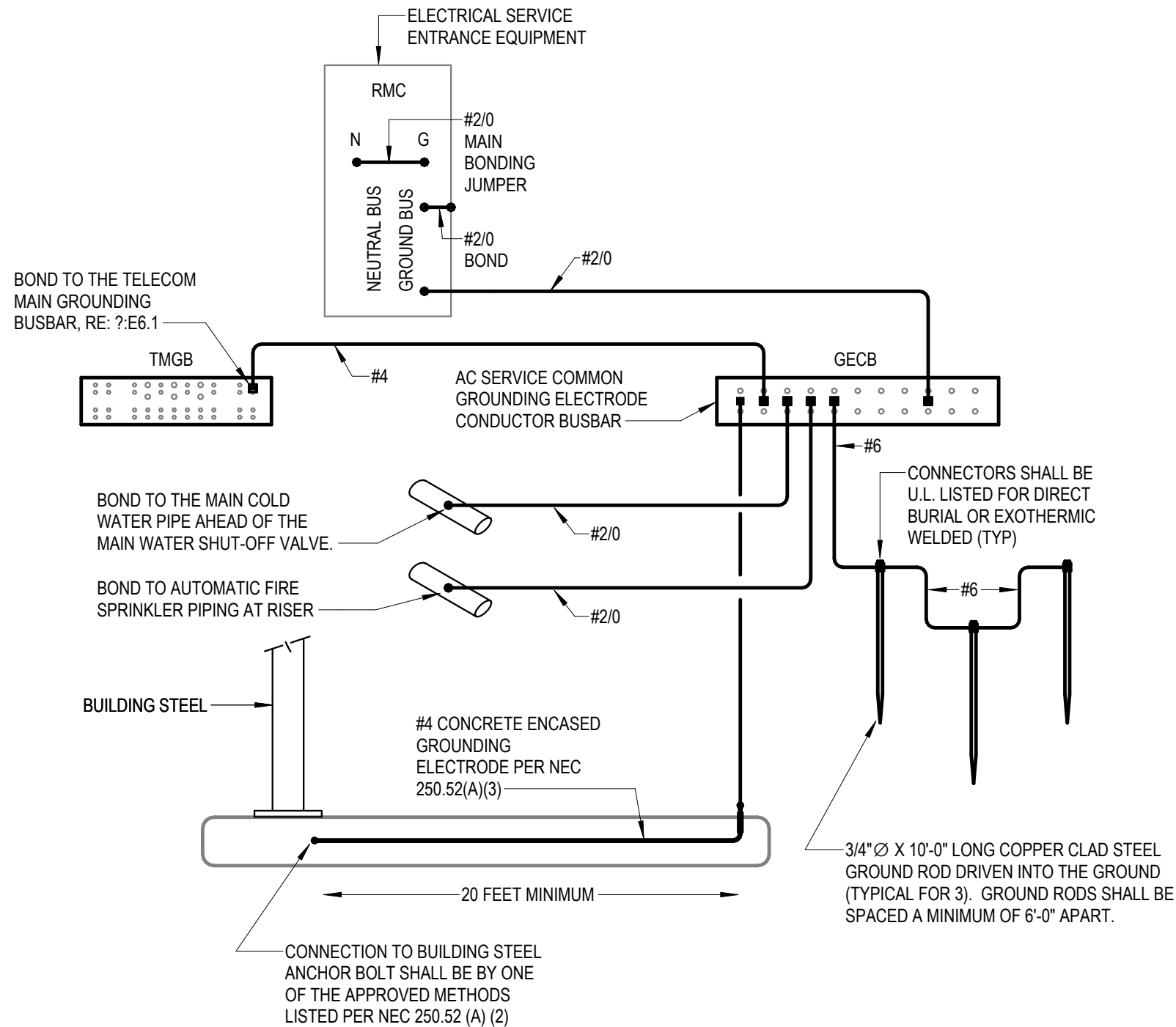
- TELECOMMUNICATIONS GROUNDING BUSBARS SHALL BE 1/4" THICK, ELECTRO-TIN PLATED COPPER BUSBARS, COMPLETE WITH INSULATED STAND-OFFS AND STAINLESS STEEL BRACKETS AND MOUNTING BOLTS. MOUNT TO COMMUNICATIONS BACKBOARD AT 18" AFF.
  - TMGB: 4"W x 15-1/2"L, ERICO #TMGBA16L19PT
  - TGB1 - TGB5: 2"W x 15-1/2"L, ERICO #TGBA16L08PT
- ALL GROUNDING / BONDING CONDUCTORS SHALL BE #4 AWG INSULATED STRANDED COPPER. INSTALL IN 3/4" CONDUIT WHERE EXPOSED AND WHERE SUBJECT TO PHYSICAL DAMAGE.
- ALL CONNECTIONS TO TELECOM GROUNDING BUSBARS SHALL BE MADE USING COMPRESSION TYPE LUGS (BURNDY 'YAL' SERIES OR EQUAL). MECHANICAL LUGS ARE NOT ACCEPTABLE.



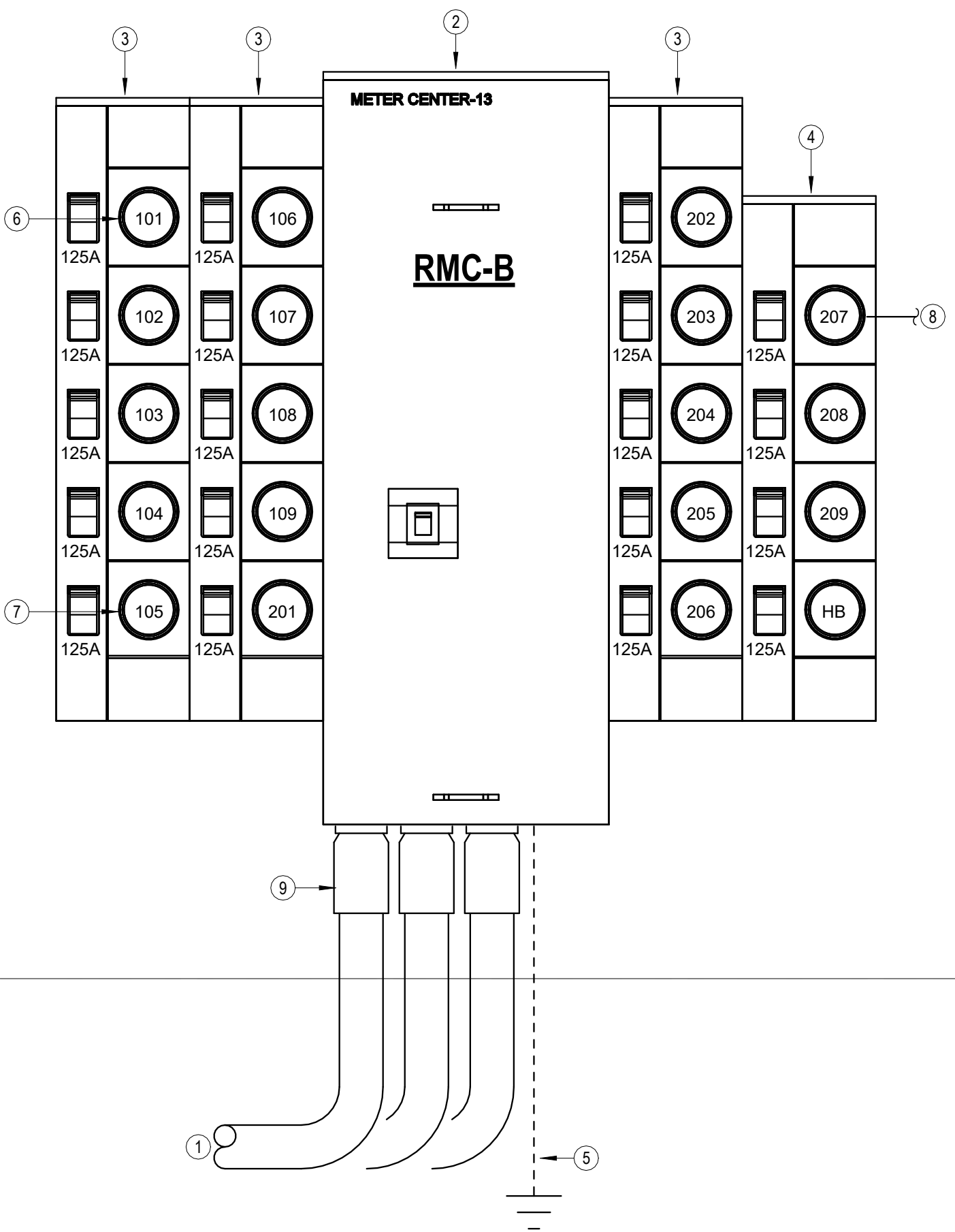
4 COMMUNICATIONS GROUNDING DETAIL - BUILDING B  
NO SCALE

NOTES:

- COMMON GROUNDING ELECTRODE CONDUCTOR BUSBAR SHALL BE 1/4" THICK x 4" WIDE x 24" LONG, TIN PLATED COPPER BUSBAR. PROVIDE COMPLETE WITH INSULATING STAND OFFS, STAINLESS STEEL BRACKETS AND MOUNTING BOLTS. MOUNT ON WALL AT 18" AFF. ERICO #GEB14424CCT OR EQUAL.
- ALL CONNECTIONS TO GROUNDING BUSBAR SHALL BE MADE USING COMPRESSION TYPE LUGS (BURNDY 'YAZ' SERIES OR EQUAL). MECHANICAL LUGS ARE NOT ACCEPTABLE.
- INSTALL ALL GROUNDING ELECTRODE CONDUCTORS IN 3/4" CONDUIT WHERE EXPOSED AND WHERE SUBJECT TO PHYSICAL DAMAGE.
- CONTRACTOR SHALL MEASURE RESISTANCE TO GROUND AND PROVIDE ADDITIONAL GROUND ROD OR PLATE ELECTRODES AS REQUIRED UNTIL A RESISTANCE TO GROUND OF 25 OHMS OR LESS IS ACHIEVED.



3 AC SERVICE GROUNDING DETAIL - BUILDING B  
NO SCALE



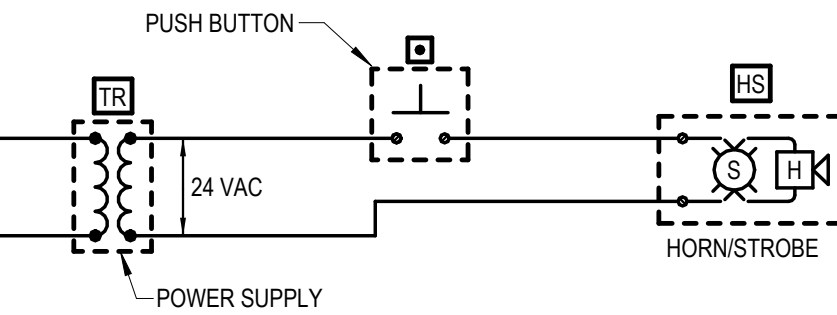
2 ELECTRIC SERVICE RISER DIAGRAM - RCM-B  
1" = 1'-0"

5 ACCESSIBLE APARTMENT DOORBELL WIRING SCHEMATIC  
NO SCALE

- NOTES:**
- Meter Center main circuit breaker shall be 65 KAIC fully rated.
  - 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:**
- Entergy  
Lacy Dishman  
ldishma@entergy.com  
281-601-7968
- 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.
  - Provide all necessary blocking and/or steel channel behind meter centers to create a flush/plumb mounting surface and to infill space where existing stone and brick meet.
  - 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 be stamped with 1/4" letters, minimum.

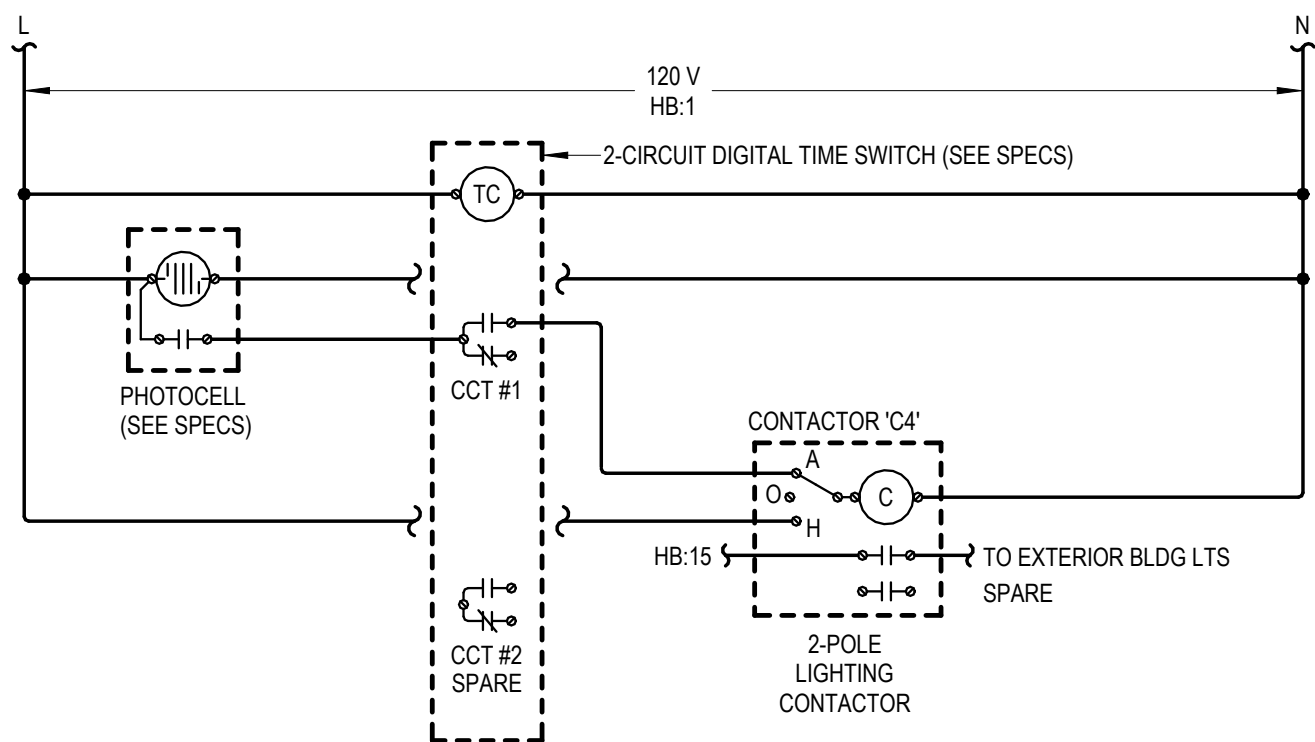
NOTES BY SYMBOL

- (3) PARALLEL 4" CONDUITS EACH WITH (4)#300 KCMIL COPPER CONDUCTORS FROM TRANSFORMER TO RESIDENTIAL METER CENTER 'RMC-B'. PROVIDE ALL TRENCHING AND BACKFILL. COORDINATE EXACT REQUIREMENTS WITH ENTERGY.
- METER CENTER MAIN, 3-PH IN; 3-PH OUT, 208/120V-3PH, 4 WIRE WITH 800A/3P MAIN BREAKER, 65 KAIC RATED, SERVICE ENTRANCE RATED WITH INTEGRAL SURGE PROTECTION DEVICE. SQUARE D 'EZ' METER-PAK' #EZM3800CBU.
- 5-SOCKET BRANCH UNIT, 3-PH IN; 1-PH OUT, WITH (5) 125A BRANCH BREAKERS, SQUARE D 'EZ' METER-PAK' #EZM315125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
- 4-SOCKET BRANCH UNIT, 3-PH IN; 1-PH OUT, WITH (4) 125A BRANCH BREAKERS, SQUARE D 'EZ' METER-PAK' #EZM314125. PROVIDE PERMANENT LABEL ON EACH METER SOCKET BREAKER INDICATING THE APARTMENT BEING SERVED.
- GROUNDING ELECTRODE CONDUCTOR TO COMMON GROUNDING ELECTRODE CONDUCTOR BUSBAR. SEE DETAIL 3EB6.1 FOR EXACT SIZE.
- MAXIMUM HEIGHT TO CENTERLINE OF TOP METER SOCKET SHALL BE 6'-10" AFG.
- MINIMUM HEIGHT TO BOTTOM OF METER SOCKET ASSEMBLY SHALL BE 2'-10" AFG.
- SEE ONE LINE DIAGRAMS FOR FEEDER SIZES.
- PROVIDE SCHEDULE 40 PVC SLIP JOINTS.



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 1636 LISTED, EDWARDS #6536-G5. 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.



1 LIGHTING CONTROL DIAGRAM - BUILDING B  
NO SCALE







**601. W. LEWIS**

**CONROE,**

REVISIONS:

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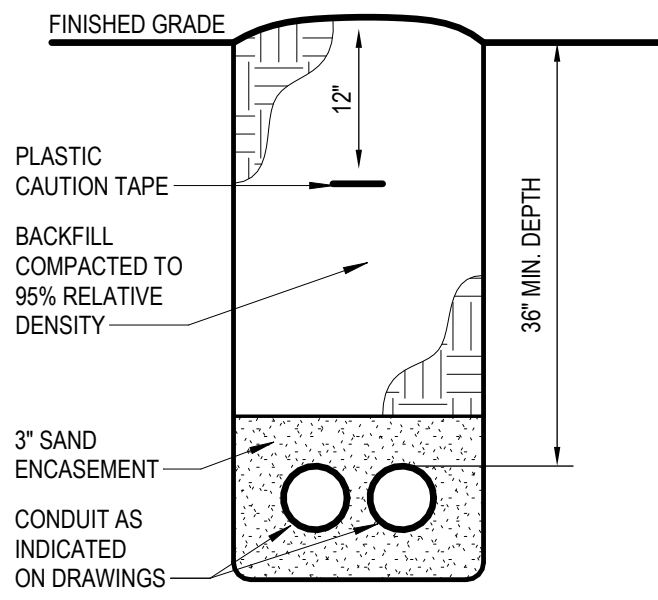
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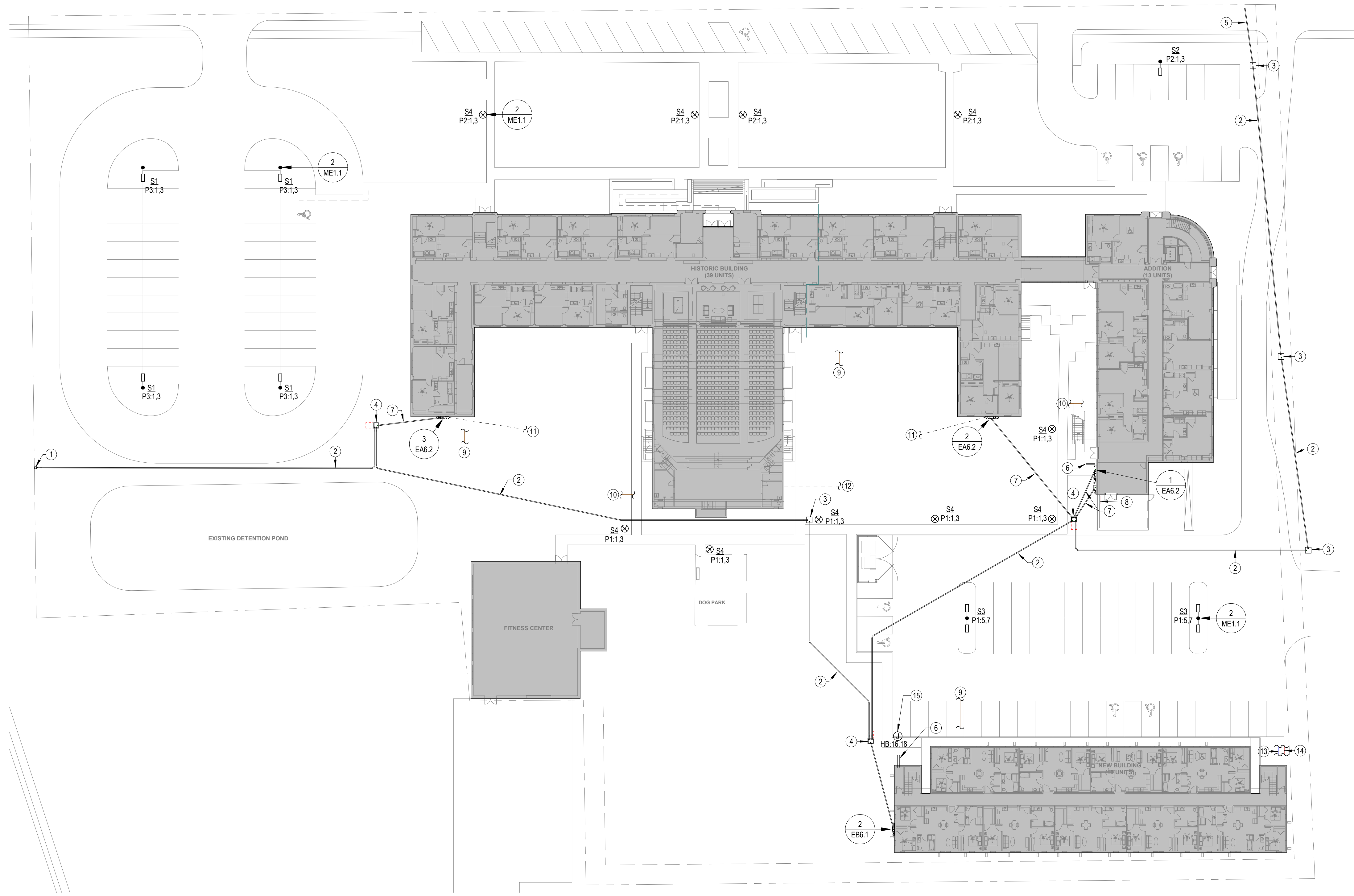


## 5 CONDUIT TRENCH SECTION (SERVICE LATERAL)

- 
- Technical drawing of a pole base assembly, showing a cross-section of the pole and the base. The drawing includes the following components and dimensions:
- Lighting Pole:** Indicated at the top of the pole.
  - Hand Hole:** Located near the top of the pole.
  - Base Cover Attached to Pole Base:** The top cover of the pole base.
  - GROUT BETWEEN POLE BASE PLATE AND TOP OF CONCRETE BASE:** The material filling the space between the pole base plate and the concrete base.
  - (8) #6 VERTICAL BARS EQUALLY SPACED:** Eight vertical reinforcement bars.
  - #4 BAR HOOPS AT 16" O.C. LAP ENDS 16" MIN.:** Four horizontal reinforcement bars with lap ends of at least 16 inches.
  - 1" Ø ANCHOR BOLT, NUMBER AND PLACEMENT PER MANUFACTURER'S RECOMMENDATIONS:** One-inch diameter anchor bolts.
  - FINISHED GRADE:** The ground level.
  - #6 GROUND IN 1' C:** Sixteen gauge ground rod in the concrete.
  - 5/8" x 10'-0" GROUND ROD:** The ground rod extending from the concrete base.
  - HDPE OR PVC CONDUIT:** The conduit for the ground rod.
  - RIGID STEEL OR PVC CONDUIT:** The conduit for the pole base bolt.
  - POLE BASE BOLT DIA PLUS 3", 18" MIN.:** The pole base bolt diameter plus 3 inches, with a minimum length of 18 inches.
  - Dimensions:**
    - S1 S2 AND S3 5'-0":** Total height of the pole base.
    - S4 3'-0":** Height of the concrete base.
    - S1 S2 AND S3 3'-0":** Height of the pole base above the concrete base.
    - S4 1'-0":** Height of the concrete base.
    - 3'-0":** Diameter of the pole base.
    - 3'-0":** Diameter of the pole base.
    - 3'-0":** Diameter of the pole base.

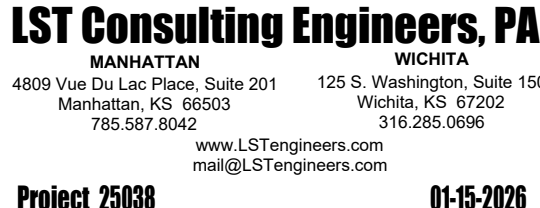
## 2 LIGHT POLE BASE DETAIL

NO SCALE



 **1** **MECHANICAL/ELECTRICAL SITE PLAN**  
1" = 30'-0"





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SG

# TEXAS

# LANDMARK 601

**601. W. LEWIS**

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








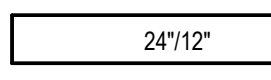
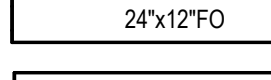
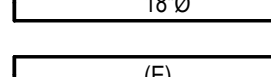

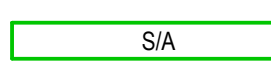
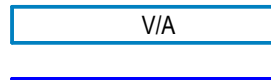
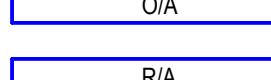
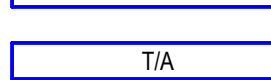


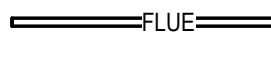






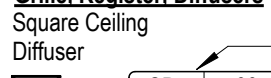
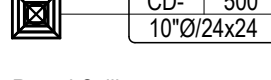
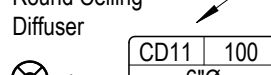












DATE: 01-15-2026

JOB: 25-3385

SHEET NO.:

# M0.1

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General Plan Symbols		HVAC 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.		 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 ABV ABOVE AC AIR CONDITIONING AD AREA DRAIN ADD ADDENDUM AFF ABOVE FINISHED FLOOR AFUE ANNUAL FUEL UTILIZATION EFFICIENCY ALT ALTERNATE AP ACCESS PANEL ARCH ARCHITECT/ARCHITECTURAL BFF BELOW FINISHED FLOOR BLW BELOW BTU BRITISH THERMAL UNITS BTUH BRITISH THERMAL UNITS PER HOUR CAP CAPACITY CB CATCH BASIN CFM CUBIC FEET PER MINUTE CLG CEILING CO CLEAN OUT CW COLD WATER D DEGREE DB DRY BULB DIA DIAMETER DN DOWN DW DISTILLED WATER EA EACH EAT ENTERING AIR TEMPERATURE ELEC ELECTRICAL EQUIP EQUIPMENT EWC ELECTRIC WATER COOLER EWT ENTERING WATER TEMPERATURE EJA EXHAUST AIR EXIST EXISTING F DEGREES FAHRENHEIT FCO FLOOR CLEAN OUT FD FLOOR DRAIN FDC FIRE DEPARTMENT CONNECTION FL FLOOR FO FUEL OIL FOV FUEL OIL VENT FOR FUEL OIL RETURN FOS FUEL OIL SUPPLY FPM FEET PER MINUTE FS FLOOR SINK FT FOOT/FEET FTR FIN TUBE RADIATION GAL GALLON GF GAS-FIRED GC GENERAL CONTRACTOR GPM GALLONS PER MINUTE GW GREASE WASTE HB HOSE BIB HP HORSE POWER HTG HEATING HTR HEATER HW HOT WATER HYD HYDRANT ID INDIRECT IN INCH INV INVERT LB POUND LBHR POUNDS PER HOUR LAT LEAVING AIR TEMPERATURE LP LOW PRESSURE LPG LIQUEFIED PETROLEUM GAS		LVR LOUVER LWT LEAVING WATER TEMPERATURE M/A MIXED AIR MAX MAXIMUM MBH ONE THOUSAND BTU PER HOUR MCF ONE THOUSAND CUBIC FEET MD MOTORIZED DAMPER MECH MECHANICAL MFR MANUFACTURER MIN MINIMUM MISC MISCELLANEOUS MTR MOTOR MUA MAKE-UP/AIR NC NOISE CRITERIA NC NORMALLY CLOSED NC NOT IN CONTRACT NC NUMBER NO NORMALLY OPEN NTS NOT TO SCALE O OXYGEN OIA OUTSIDE AIR ORD OVERFLOW ROOF DRAIN PD PRESSURE DROP PIV POST INDICATOR VALVE PLBG PLUMBING PRESS PRESSURE PRV PRESSURE REDUCING VALVE PSI POUNDS PER SQUARE INCH PPS POUNDS PER SQUARE INCH GAUGE PWR POWER R RIGID RISER RA RETURN AIR RCD RADIANT CEILING PANEL RD ROOF DRAIN REC RECESSED RED REDUCER RH RELATIVE HUMIDITY RLJ RELIEF AIR RM ROOM RPM REVOLUTIONS PER MINUTE RW RAIN WATER SF SQUARE FOOT SIA SUPPLY AIR SAN SANITARY SF SQUARE FOOT SD SMOKE DAMPER SM SURFACE MOUNT STANPIPE STANDPIPE SP STATIC PRESSURE STM STEAM T THERMOSTAT TD TEMPERATURE DROP TDR TRENCH DRAIN TEMP TEMPERATURE TYP TYPICAL UG UNDERGROUND VAC VACUUM V VENT VAV VARIABLE AIR VOLUME VENT VENTILATION VTR VENT THROUGH ROOF W WASTE WB WET BULB WCO WALL CLEAN OUT WH WALL HYDRANT	
Equipment Abbreviations			
AC AIR CONDITIONING UNIT ACCU AIR COOLING CONDENSING UNIT AHU AIR HANDLING UNIT AS AIR SEPARATOR B BOILER CH CHILLER CT COOLING TOWER CUH CABINET UNIT HEATER CHWP CHILLED WATER PUMP DBP DOMESTIC WATER BOOSTER PUMP DC DUCT MOUNTED COIL DCP DOMESTIC WATER CIRCULATING PUMP EF EXHAUST FAN EDC ELECTRIC DUCT COIL		ET EXPANSION TANK EWH ELECTRIC WATER HEATER FCU FAN COIL UNIT FP FIRE PUMP GI GREASE INTERCEPTOR GRV GRAVITY ROOF VENTILATOR HWF HEATING WATER PUMP HRU HEAT RECOVERY UNIT PRV POWER ROOF VENTILATOR RE RETURN/EXHAUST FAN RTU ROOFTOP UNIT SP SUMP PUMP UH UNIT HEATER WH WATER HEATER	
		Mechanical Control Devices	
		 Thermostat  Humidistat  Temperature Sensor  Humidity Sensor  Carbon Dioxide Detector  Hazardous Gas Detector	
		Ductwork Types	
		 Manual Damper  Motorized Damper  Draftstop Damper  Smoke Damper  Fire Damper  Comb. Fire/Smoke Damper	



EXHAUST FAN SCHEDULE

<b>NOTES:</b> 1. PROVIDE MANUFACTURER'S ROOF JACK. 2. FIXTURE SHALL OPERATE AT < 1 SONE. 3. PROVIDE EC MOTOR WITH INTEGRAL DISCONNECT. 4. PROVIDE INTEGRAL BACKDRAFT DAMPER.							
MARK	MANUFACTURER	MODEL	CFM	ESP	POWER	ELECTRICAL VOLTAGE   PHASE	
EF-1	PANASONIC	FV-0511VQ1	80 CFM	0.25 in-wg	22 W	120 V	1

PACKAGED TERMINAL AIR CONDITIONER SCHEDULE

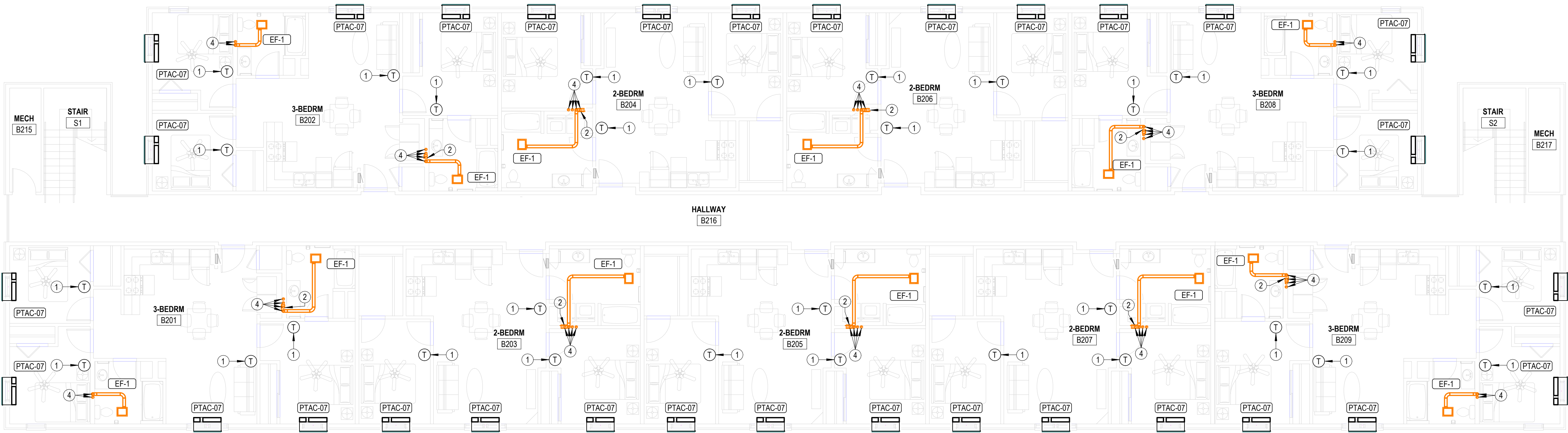
<b>NOTES:</b> 1. PROVIDE WITH MANUFACTURER'S LINE CORD CONNECTION KIT. 2. PROVIDE WITH WALL CASE COMPATIBLE WITH WALL CONSTRUCTION COORDINATE WITH G.C. 3. PROVIDE WITH REMOTE WALL MOUNTED PROGRAMMABLE THERMOSTAT WITH TWO SPEED FAN CONTROL. 4. PROVIDE WITH MANUFACTURER'S SUB-BASE ACCESSORY. PROVIDE ALL COMPONENTS NECESSARY FOR COMPLETE INSTALLATION.											
MARK	MANUFACTURER	MODEL NUMBER	COOLING		HEATING	AIRFLOW	ELECTRICAL				WEIGHT
			TOTAL COOLING	SENSIBLE COOLING	ELECTRIC HEAT OUTPUT		MCA	MOCP	VOLTAGE	PHASE	
PTAC-07	GE	AZ45E07DAP	7,200 Btu/h	7,000 Btu/h	1.96 kW	350 CFM	11.8 A	15.0 A	208 V	1	108 lb

ELECTRIC CABINET HEATER SCHEDULE

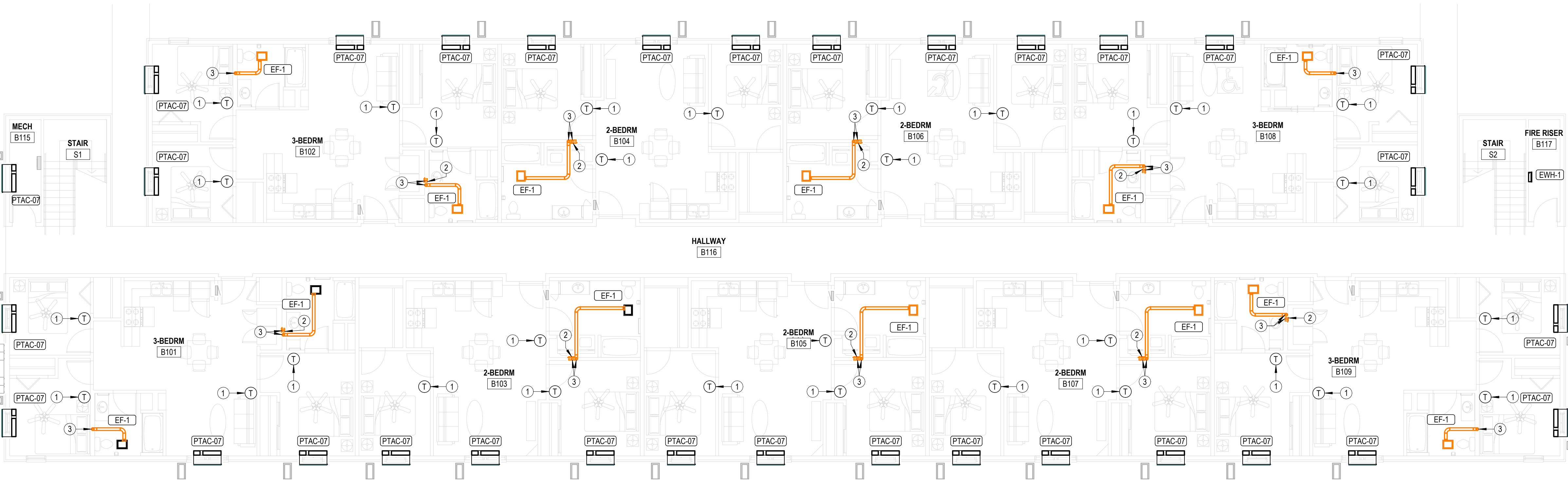
<b>NOTES:</b> 1. PROVIDE WITH HIGH TEMP. THERMAL CUTOUT AND FAN DELAY. 2. PROVIDE WITH INTEGRAL THERMOSTAT AND UNIT MOUNTED DISCONNECT SWITCH. 3. PROVIDE WITH SURFACE MOUNT OR RECESSED FRAME AS REQUIRED. FIELD COORDINATE EXACT REQUIREMENTS WITH...							
MARK	MANUFACTURER	MODEL	WATTS	VOLT	PHASE	DESCRIPTION	
EW-H-1	TRANE	UHWA	1.5 kW	120 V	1	ARCHITECTURAL FAN FORCED WALL HEATER	

NOTES BY SYMBOL

- 1 PROVIDE WALL MOUNTED THERMOSTAT FOR EACH PTAC IN APARTMENTS. COORDINATE FINAL LOCATION WITH OWNER.
- 2 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 ROOF. 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.
- 3 ROUTE 4"Ø EXHAUST DUCT(S) UP, TYPICAL.
- 4 ROUTE EXHAUST DUCTS UP THROUGH ROOF. PROVIDE ROOF CURB SIZED TO ALLOW INSTALLATION OF 90 DEGREE ELBOW FOR SIDEWALL TERMINATION. PROVIDE MANUFACTURER'S WALL CAP WITH BACKDRAFT DAMPER. PROVIDE BATHROOM EXHAUST TERMINATION WITH BIRD SCREEN.



2 SECOND FLOOR - HVAC FLOOR PLAN - BUILDING B  
1/8" = 1'-0"



1 FIRST FLOOR - HVAC FLOOR PLAN - BUILDING B  
1/8" = 1'-0"










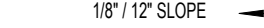

















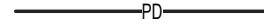



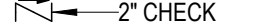
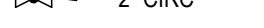
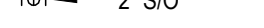
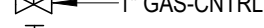



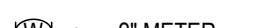
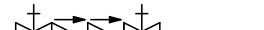

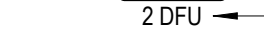
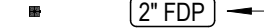


























REVISIONS:

JOB: 25-3385

SHEET NO.

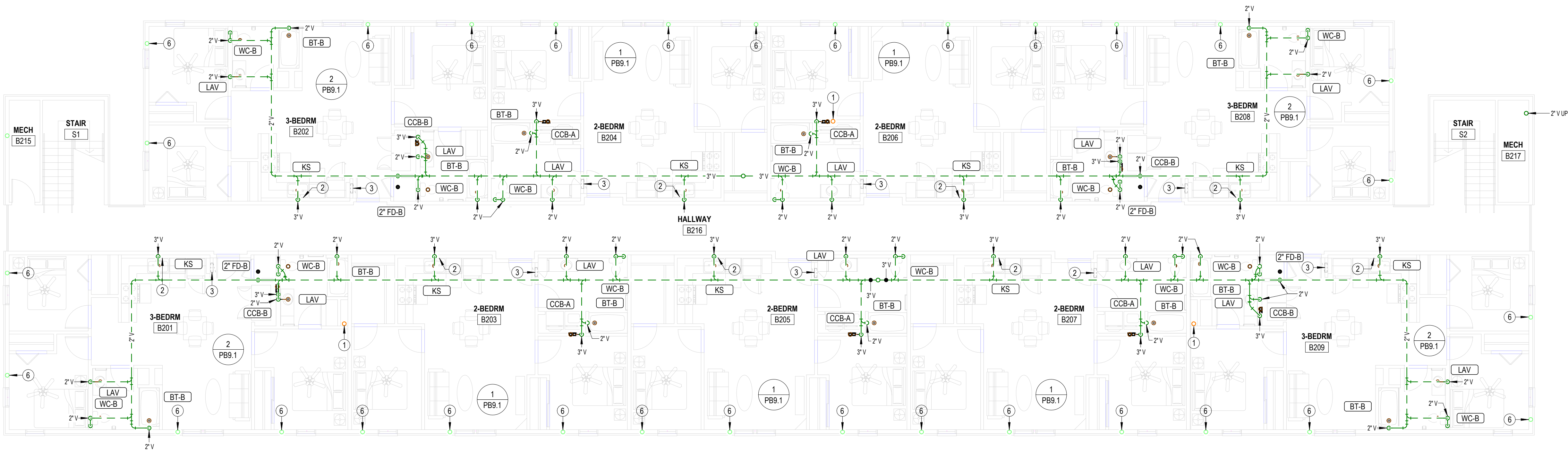
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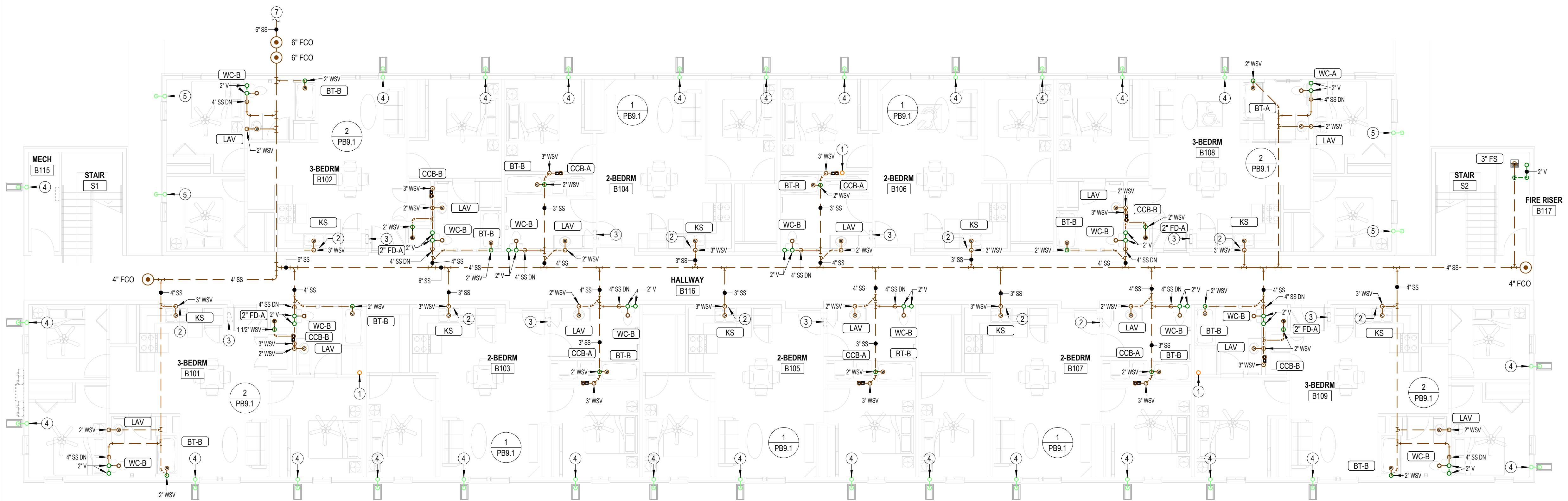
General Plan Symbols		Plumbing Symbols	
	Plan Revision Number		Nominal Pipe Size
	Detail Number on Sheet Sheet Number Where Detail is Placed		Above Ground Piping
	Keynote Symbol		Pipe Slope (When Applicable)
	Continuation Symbol		Existing Pipe To Remain
	Point Where New Connects To Existing		Pipe To Be Demolished
	Room Name / Number		Domestic Cold Water
	Area Being Demolished		Non-Potable Water
	Area Not In Contract		Soft Cold Water
	Electrical Equipment. Do not route HVAC installation above or below equipment. Maintain working clearance as indicated by dashed line.		Filtered Cold Water
Abbreviations			Reverse Osmosis Water
Ø ROUND	LVR LOUVER		Domestic Hot Water
ABV ABOVE	LWT LEAVING WATER TEMPERATURE		Domestic Hot Water 140°
AC AIR CONDITIONING	M/A MIXED AIR		Hot Water Recirculation
AD AREA DRAIN	MAX MAXIMUM		Hot Water Recirculation 140°
ADD APPENDUM	MBH ONE THOUSAND BTU PER HOUR		Sanitary Drain
AFF ABOVE FINISHED FLOOR	MCF ONE THOUSAND CUBIC FEET		Sanitary Vent
AFUE ANNUAL FUEL UTILIZATION EFFICIENCY	MD MOTORIZED DAMPER		Radon Mitigation
ALT ALTERNATE	MECH MECHANICAL		Sanitary Wet Vent
AP ACCESS PANEL	MFR MANUFACTURER		Combination DWV
ARCH ARCHITECT/ARCHITECTURAL	MIN MINIMUM		Condensate Drain
BFF BELOW FINISHED FLOOR	MISC MISCELLANEOUS		Indirect Drain
BLW BELOW	MTR MOTOR		Grease Waste
BTU BRITISH THERMAL UNITS	MU/A MAKE-UP/AIR		Grease Vent
BTUH BRITISH THERMAL UNITS PER HOUR	NC NOISE CRITERIA		Pump Discharge
CAP CAPACITY	NO NORMALLY CLOSED		Storm Drain
CB CATCH BASIN	NTS NOT TO SCALE		Storm Overflow
CFM CUBIC FEET PER MINUTE	O OXYGEN		Compressed Air
CLG CEILING	O/A OUTSIDE AIR		Natural Gas
CO CLEAN OUT	ORD OVERFLOW ROOF DRAIN		Liquid Propane
CW COLD WATER	PD PRESSURE DROP		Pipe Rise / Drop
D DEGREE	PV POST INDICATOR VALVE	<b>Pipe Accessory Notes</b>	
DB DRY BULB	PLBG PLUMBING		4" FCO
DIA DIAMETER	PRESS PRESSURE		2" CHECK
DN DOWN	PRV PRESSURE REDUCING VALVE		2" BALANCE
DW DISTILLED WATER	PSI POUNDS PER SQUARE INCH		2" CIRC
EA EACH	PSIG POUNDS PER SQUARE INCH GAUGE		2" GATE
EAT ENTERING AIR TEMPERATURE	PWR POWER		2" S/O
ELEC ELECTRICAL	R DUCT RISER		2" STRAIN
EQUIP EQUIPMENT	RA RETURN AIR		1" GAS CNTRL
EWIT ELECTRIC WATER COOLER	RCP RADIANT CEILING PANEL		1" PLUG
E/A EXHAUST AIR	RD ROOF DRAIN		1" GAS COCK
EXIST EXISTING	REC RECESSED		1" REG
F DEGREES FAHRENHEIT	RED REDUCER		1" TV
FCO FLOOR CLEAN OUT	RH RELATIVE HUMIDITY		2" PRV
FDC FIRE DEPARTMENT CONNECTION	RJA RELIEF AIR		2" METER
FL FLOOR	RPM REVOLUTIONS PER MINUTE		2" Double Check Valve
FLO FUEL OIL	RW RAIN WATER		2" Reduced Pressure Zone
FOV FUEL OIL VENT	SF SQUARE FOOT	<b>Plumbing Fixture Notes</b>	
FOR FUEL OIL RETURN	SA SUPPLY AIR		2" FD-A
FOS FUEL OIL SUMP	SAN SANITARY		2" FD
FPM FEET PER MINUTE	SF SQUARE FOOT		2" FDP
FS FLOOR SINK	SD SMOKE DAMPER		2" FD
FT FOOT/FEET	SM SURFACE MOUNT		3" AD-1
FTR FIN TUBE RADIATION	SP STANDPIPE		6" DD-1
GAL GALLON	SP STATIC PRESSURE		3" HD-1
GF GAS-FIRED	STM STEAM		3" FS
GC GENERAL CONTRACTOR	T THERMOSTAT		6" SD-1
GPM GALLONS PER MINUTE	TD TEMPERATURE DROP		2" SF
GW GREASE WASTE	TRD TRENCH DRAIN		



- WASTE AND VENT SHEET NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
  - SEE WASTE AND VENT ISOMETRICS SHEET PB9.1 FOR ADDITIONAL INFORMATION.
  - PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
  - ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER COORDINATE WITH G.C.
- NOTES BY SYMBOL**
- 4" PVC PIPE FOR RADON SYSTEM. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT.
  - PROVIDE INDIRECT CONNECTION AT GARBAGE DISPOSER AND CONNECT DISHWASHER. ROUTE DRAIN FROM DISHWASHER AT BACK OF CABINETS. COORDINATE EXACT ROUTING WITH G.C.
  - ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT. AND MAINTAIN WORKING CLEARANCE SHOWN.
  - CONNECT 3/4" CONDENSATE DRAIN FROM 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.
  - CONNECT 3/4" CONDENSATE DRAIN FROM PTAC TO COMMON 1" CONDENSATE PIPE. ROUTE 1" CONDENSATE PIPE CONCEALED IN WALL AND SPILL CONDENSATE TO 2" OPEN HUB DRAIN. ROUTE 2" PVC PIPE BELOW GRADE TO DAYLIGHT. COORDINATE WITH G.C.
  - CONNECT 3/4" CONDENSATE DRAIN FROM PTAC TO COMMON 1" CONDENSATE PIPE. ROUTE 1" CONDENSATE PIPE. CONCEALED IN WALL DOWN TO FLOOR BELOW.
  - SEE SITE PLAN FOR CONTINUATION.



**2 SECOND FLOOR WASTE AND VENT PLAN - BUILDING B**  
1/8" = 1'-0"



**1 FIRST FLOOR WASTE AND VENT PLAN - BUILDING B**  
1/8" = 1'-0"



- DOMESTIC WATER SHEET NOTES
- 1

SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
- 2

PIPING FOR DWELLING UNITS ON 2ND FLOOR SHALL BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.
- 3

PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE RROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- 4

ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER COORDINATE WITH G.C.
- 5

SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.

- NOTES BY SYMBOL
- 1

FIRE PROTECTION STAND PIPE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE PROTECTION DRAWINGS.
- 2

SEE SITE PLAN FOR CONTINUATION.
- 3

SEE ENLARGED DOMESTIC WATER PLANS FOR CONTINUATION.
- 4

ROUTE 1" CW LINE UP TO UNIT ABOVE.
- 5

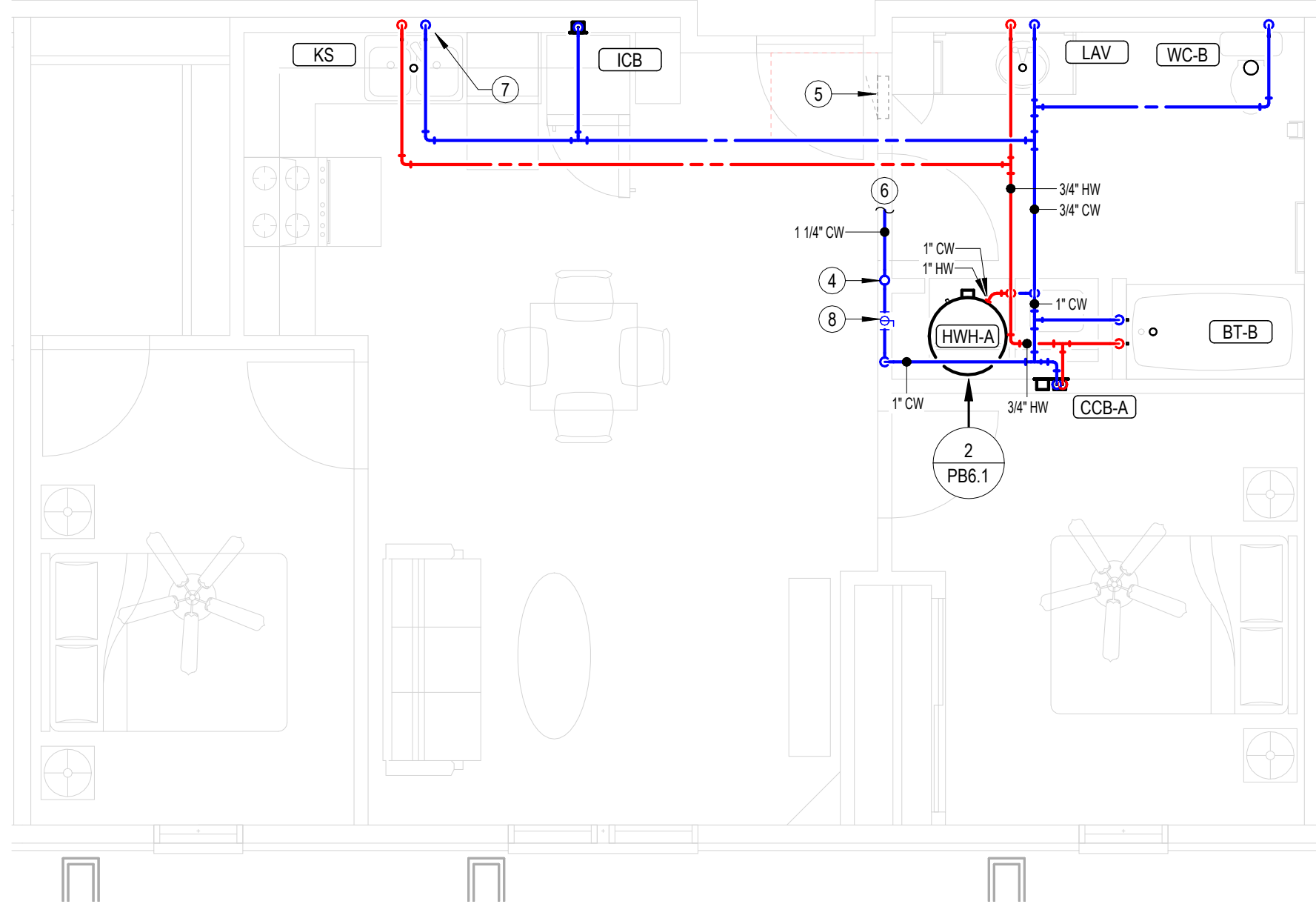
ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
- 6

SEE OVERALL DOMESTIC WATER PLAN FOR CONTINUATION.
- 7

PROVIDE 1/2" VALVED BRANCH BELOW SINK AND CONNECT DISHWASHER. ROUTE PIPING ALONG BACK OF CABINETRY, COORDINATE EXACT ROUTING WITH G.C. COORDINATE EXACT REQUIREMENTS WITH DISHWASHER PROVIDED.
- 8

PROVIDE WATER SERVICE TO APARTMENT WITH SHUT-OFF VALVE CONCEALED IN WALL, PROVIDE ACCESS PANEL IN DWELLING UNIT AS REQUIRED.

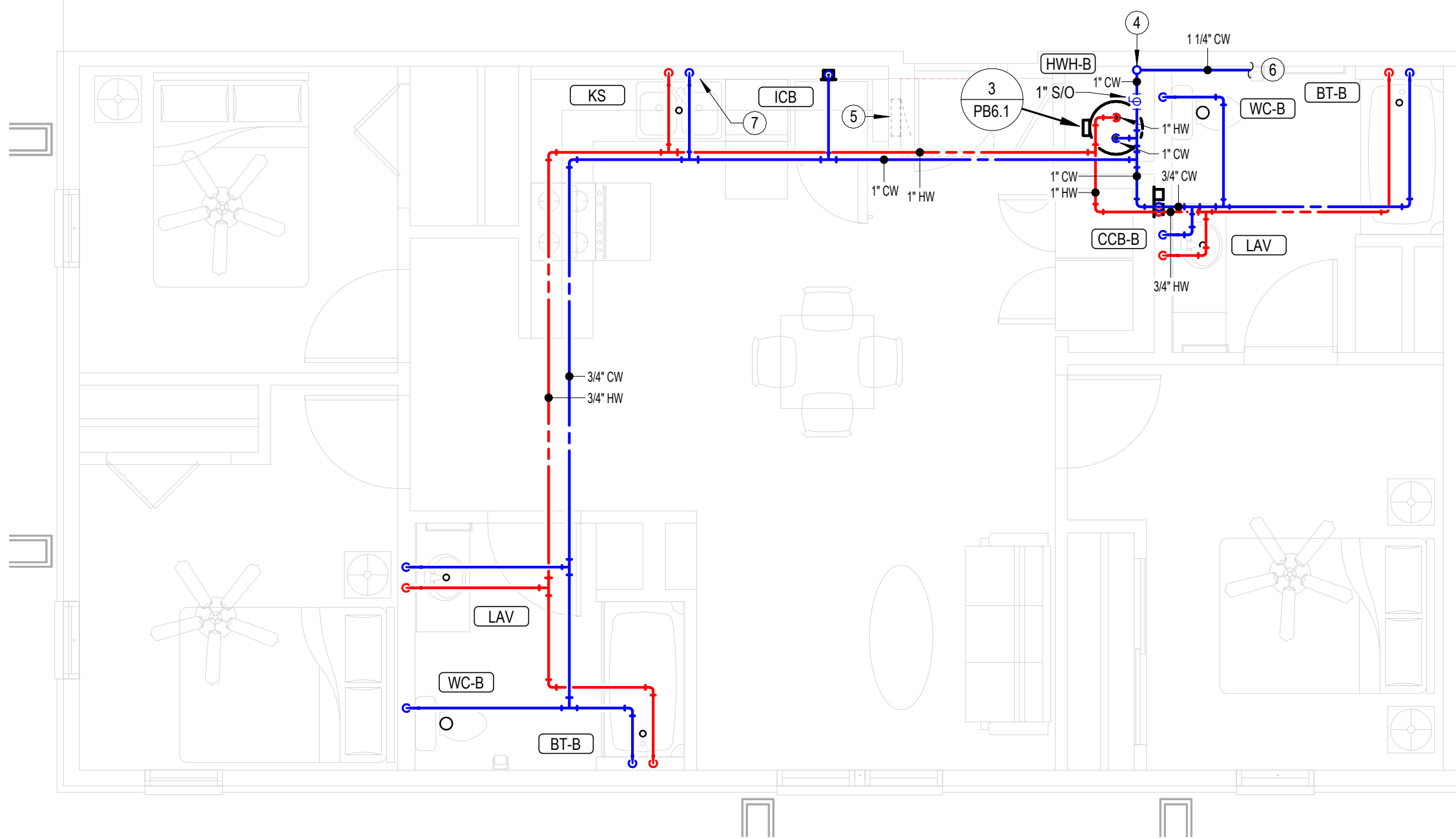
ALTERNATE MATERIAL SIZE		
COPPER PIPE SIZE INDICATED	Cross-linked polyethylene (PEX)	Polypropylene
	1/2"	1/2"
	3/4"	3/4"
	1"	1-1/4"
	1-1/4"	1-1/2"
	1-1/2"	2"
	2"	2-1/2"
	2-1/2"	3"
	3"	3-1/2"
Note: Pipe sizes indicated on drawings are for Type L copper pipe. If alternate materials are used, sizes shall 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.		



2

ENLARGED DOMESTIC WATER PLAN-2 BEDROOM

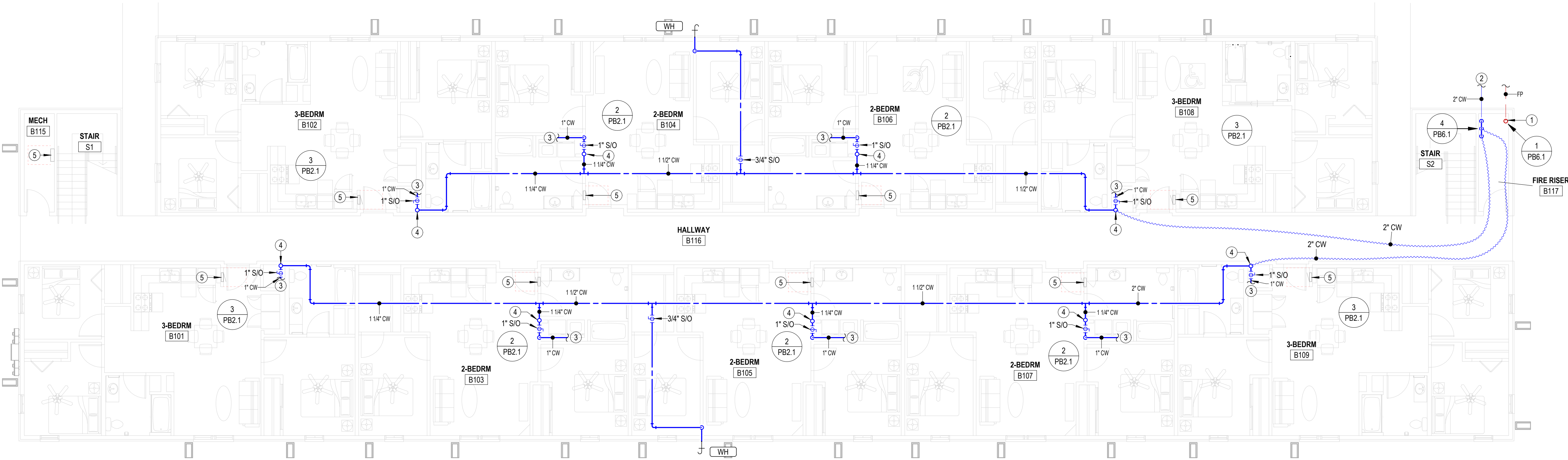
1/4" = 1'-0"



3

ENLARGED DOMESTIC WATER PLAN-3 BEDROOM

1/4" = 1'-0"



1

FIRST FLOOR DOMESTIC WATER PLAN-BUILDING B

1/8" = 1'-0" SECOND FLOOR SIMILAR

THESE DRAWINGS ARE FOR REVIEW AND PRICING PURPOSES ONLY. THESE DRAWINGS MAY BE INCOMPLETE AND ARE SUBJECT TO CHANGE. DRAWINGS WITHOUT ENGINEER'S SEAL AND SIGNATURE SHALL IN NO WAY BE CONSTRUED TO BE CONSTRUCTION DOCUMENTS

REVISIONS:

DATE: 01-15-2026  
JOB: 25-3385  
SHEET NO.:











		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.			



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01-15-2026

- DOMESTIC WATER RISER SHEET NOTES
- 1

SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P86.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
- 2

SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.
- 3

PIPING FOR DWELLING UNITS ON 2ND FLOOR SHALL BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.