

Electrical Abbreviations			
1P	1 Pole (2P, 3P, 4P, ETC.)	MCB	Main Circuit Breaker
A, Amp	Ampere	MCC	Motor Control Center
AC	Above Counter	MDC	Main Distribution Center
ACLG	Above Ceiling	MDP	Main Distribution Panel
ADO	Automatic Door Opener	MFR	Manufacturer
AF	Amp Fuses	MFS	Main Fused Disconnect Switch
AFB	Above Finished Floor	MH	Manhole
AFG	Above Finished Grade	MIC	Microphone
AFI	Arc Fault Circuit Interrupter	MIN	Minimum
AHU	Air Handling Unit	MISC	Miscellaneous
AL	Aluminum	MLO	Main Lugs Only
ALT	Alternate	MMS	Manual Motor Starter
AMP	Ampere	MOA	Multiolet Assembly
AMPL	Amplifier	MSP	Motor Starter Panelboard
ANNUN	Annunciator	MSBD	Main Switchboard
APPROX	Approximately	MSS	Motor Starter Switch
AQ-STAT	Aquatstat	MT	Mount
ARCH	Architect, Architectural	MT C	Empty Conduit
AS	Amp Switch	MTS	Manual Transfer Switch
AT	Amp Trip	MTR	Motor, Motorized
ATS	Automatic Transfer Switch	N.C.	Normally Closed
AUTO	Automatic	NEC	National Electrical Code
AUX	Auxiliary	NEMA	National Electrical Manufacturer's Association
AV	Audio Visual	NFDS	Non-Fused Safety Disconnect Switch
AWG	American Wire Gauge	NIC	Not in Contract
BATT	Battery	NL	Night Light
BD	Board	N.O.	Normally Open
BLDG	Building	NPF	Normal Power Factor
BMS	Building Management System	NTS	Not To Scale
C	Conduit	OC	On Center
CAB	Cabinet	OH	Overhead
CAT	Catalog	OL	Overloads
CATV	Cable Television	PA	Public Address
CB	Circuit Breaker	PB	Pull Box Or Pushbutton
CCTV	Closed Circuit Television	PE	Pneumatic Electric
CKT	Circuit	PEL	Pedestal
CLG	Ceiling	PF	Power Factor
COMB	Combination	PH	Phase
CMR	Compressor	PIV	Post Indicating Valve
CONN	Connection	PNL	Panel
CONST	Construction	PP	Power Pole
CONT	Continuation Or Continuous	PR	Pair
CONTR	Contractor	PR1	Primary
CONV	Converter	PRQJ	Projection
CR	Circulating Pump	PRV	Power Roof Ventilator
CRT	Cathode-Ray Tube	PT	Potential Transformer
CT	Current Transformer	PT	Polyvinyl Chloride (Conduit)
CTR	Center	PVC	Polyvinyl Chloride (Conduit)
CU	Copper	PWR	Power
DCP	Domestic Water Circulating Pump	QUAN	Quantity
DEPT	Department	RCPT	Receptacle
DET	Detail	REQD	Required
DIA	Diameter	RM	Room
DISC	Disconnect	RSC	Rigid Steel Conduit
DIST	Distribution	RTU	Room Top Unit
DN	Down	SC	Surface Conduit
DPR	Damper	SEC	Secondary
DS	Safety Disconnect Switch	SHT	Sheet
DT	Double Throw	SIM	Similar
DWG	Drawing	SLD	Single-Line Diagram
EC	Electrical Contractor	SN	Solid Neutral
ELEC	Electric, Electrical	SPEC	Specification
ELEV	Elevator	SPKR	Speaker
ELU	Emergency Lighting Unit	SP	Spare
EM	Emergency	SPP	Single-Point Power
EMS	Energy Management System	SR	Surface Raceway
EMT	Electrical Metallic Tubing	SS	Stainless Steel
EP	Electric Pneumatic	SSW	Selector Switch
EQUIP	Equipment	SIS	Stop/Start Pushbuttons
EWC	Electric Water Cooler	STA	Station
EXIST	Existing	STD	Standard
EXH	Exhaust	SURF	Surface Mounted
EXP	Explosion Proof	SW	Switch
FA	Fire Alarm	SWBD	Switchboard
FABP	Fire Alarm Booster Power Supply Panel	SYM	Symmetrical
FACP	Fire Alarm Control Panel	SYS	System
FCT	Fan Coil Unit	TEL	Telephone
FIX	Fixture	TERM	Terminal
FLR	Floor	TL	Twist Lock
FLUOR	Fluorescent	TR	Tamper Resistant
FU	Fuse	T-STAT	Thermostat
FUSDS	Fused Safety Disconnect Switch	TTC	Telephone Terminal Cabinet
G	Gauge	TV	Television
GAL	Gallon	TYTC	Television Terminal Cabinet
GALV	Galvanized	TYP	Typical
GC	General Contractor	UC	Under Counter
GEN	Generator	UE	Underground Electrical
GFI	Ground Fault Circuit Interrupter	UG	Underground
GFP	Ground Fault Protector	UH	Unit Heater
GRD	Ground	UT	Underground Telephone
GRS	Galvanized Rigid Steel (Conduit)	UTIL	Utility
GYP BD	Gypsum Board	UV	Ultraviolet
HCA	Hands-Off-Automatic Switch	V	Volt
HORIZ	Horizontal	VA	Volt-Amperes
HP	Horsepower	VDT	Video Display Terminal
HPF	High Power Factor	VERT	Vertical
HT	Height	VFD	Variable Frequency Drive
HTG	Heating	VOL	Volume
HTR	Heater	W	Watt
HV	High Voltage	WI	With
HVAC	Heating, Ventilating And Air Conditioning	WG	Wire Guard
		WH	Water Heater
		WO	Without
		WP	Weatherproof
IC	Interrupting Capacity	XFR	Transformer
IG	Isolated Ground	XFR	Transfer
IMC	Intermediate Metal Conduit		
INCAND	Incandescent		
IR	Infrared		
IW	Interlock With		
J-BOX	Junction Box		
KV	Kilovolt		
KVA	Kilovolt-Ampere		
KVAR	Kilovolt-Ampere Reactive		
KW	Kilowatt		
KWH	Kilowatt Hour		
LCC	Locate Or Location		
LTC	Light		
LTG	Lighting		
LTNG	Lightning		
LV	Low Voltage		
MAX	Maximum		
MAGS	Magnetic Starter		
MC	Momentary Contact		
MC	Mechanical Contractor		

Lighting Symbols	
	Lighting Fixtures, Typical, Rectangular (Various Symbols)
	Lighting Fixtures, Typical, Round (Various Symbols)
	Center dot indicates pendant.
	Chevron indicates wall wash.
	Strip Fixture
	Directional Light, Track Light, Flood Light
	Linear Light, Tape Light
	Emergency Lighting Unit, Ceiling-Mounted, Integral Battery
	Emergency Lighting Unit, Ceiling-Mounted, Remote Battery
	Emergency Lighting Unit, Wall-Mounted, Integral Battery
	Emergency Lighting Unit, Wall-Mounted, Remote Battery
	Exit Light, Ceiling-Mounted. Shading and arrows indicate faces and directional chevrons.
	Exit Light, Wall-Mounted. Shading and arrows indicate faces and directional chevrons.
	Exit/ELU Combo
	Pole/Area Light
	Bollard Light
	Hatch indicating light on an emergency or life safety circuit.
	Single-Pole Switch
	Two-Pole Switch
	Three-Pole Switch
	Switch Modifiers: 3-Way OS: Occupancy Sensor 4-Way VS: Vacancy Sensor K-Keypad CT: Above-Counter D-Dimming LV: Low-Voltage T-Timer M: Motor-Rated
	Lighting Contactor
	Lighting Control Panel
	Occupancy Sensor
	Daylight Harvesting Sensor
	Lighting Tags: Top Value: Fixture Type ID (Underlined) Bottom Value, Lowercase Letter: Switch ID Bottom Value, Number(s): Circuit Number Bottom Value, Uppercase Letter(s): Panel
	Absence of a switch designation on a lighting fixture indicates fixture is controlled by the only switch in the space. An "x" in place of the switch designation indicates unswitched.
	Switch ID indicated by a lowercase letter. Switch IDs are unique per space. A switch with an "ID" "a" controls all devices within the space in which it is located tagged with "a". A switch without a tagged ID controls all lighting fixtures within a space. ID tags may be used on control devices other than switches, such as occupancy sensors or contactors.
	Area Not in Contract
	Note by Symbol
	Callout: Top Value: Detail Number on Sheet Bottom Value: Sheet Number of Detail
	Room Name and Number

Electrical Symbol Legend	
	Simplex Receptacle
	Duplex Receptacle
	Quadplex Receptacle
	Special Receptacle, Type as Indicated
	Receptacle Modifiers: #: Height AFF (to center) CT: Device Mounted Above Counter Top IG: Isolated Ground H: Device Mounted Horizontally WP: Weatherproof In-Use Cover
	Half shading indicates split (typically switched)
	Outside shading indicates tamperproof device
	Center shading indicates GFI type
	Full shading indicates tamperproof GFI type
	Multiolet Assembly
	Filled squares indicate 120V outlet
	Open squares indicate with USB
	Cord Reel, Device Varies
	Drop Cord, Device Varies
	Junction Box
	Floor Box, see schedule for type
	Emergency Power Off
	Door Opener Push Plate
	Pedestal
	Power Meter
	Safety Switch, Fused
	Safety Switch, Unfused
	Motor Starter
	Combination Starter/Disconnect
	Contactor
	Electrical Device Tags: Uppercase letter(s) indicates Panel ID and circuit number. Lowercase letter indicates designation of controlling switch (where applicable).
	Equipment Tags: Equipment ID is indicated by an underlined tag adjacent to the equipment. See the equipment connection schedule for description, electrical requirements, and panel and circuit number. Symbols/graphic appearance of equipment varies.
	Solid, arced lines connecting equipment, devices, or fixtures indicate unswitched power circuiting. Wires are only intended to indicate to what circuit devices are connected. Actual connections, circuit routing, installation, junction boxes, etc. shall be field-determined by the contractor.
	Dashed, arced lines connecting equipment, devices, or fixtures indicate switched power.
	Home run to branch circuit panelboard. The equipment name and circuit number(s) are indicated, separated by a hyphen. Home runs are only intended to indicate panel and circuit number. Actual homerun location shall be field-determined by the contractor.
	Hatched fill indicates distribution panel or switchboard. Solid fill indicates branch panel or load center. Dashed box indicates code-required clearance (width and depth). Door indicates front of recessed panel.
	Devices and fixtures are tagged with Panel and circuit number. For example, a device tagged with "A.1" indicates the device is circuited to panel designated "A," circuit number 1.
	Transformer: Typically transformer names begin with or contain the letter "T". See Single-Line Diagram for description and requirements.
	Data Outlet
	Telephone Outlet
	Data/Telephone Outlet
	Outlet Modifiers: #: Height AFF (to center) CT: Mounted Above Counter Top
	Wireless Access Point
	TV Outlet

Fire Alarm Symbols	
	Manual Pull Station
	Hom, Wall
	Low Frequency Horn, Wall
	Hom, Ceiling
	Strobe, Wall, Candela as indicated
	Strobe, Ceiling, Candela as indicated
	Horn/Strobe, Wall, Candela as indicated
	Horn/Strobe, Ceiling, Candela as indicated
	Remote Indicator w/ Test Switch, Wall
	Remote Indicator w/ Test Switch, Ceiling
	Smoke Detector Fire Alarm System
	Smoke Detector 120 Volt Local
	Heat Detector
	Carbon Monoxide Detector
	Beam Detector T: Transmitter R: Receiver
	Combination Detector (Up to Three)
	Duct Smoke Detector
	Smoke Damper
	Door Holder
	Door Closer
	Fire Service Phone
	Addressable Module
	AIM: Addressable Input Module
	AOM: Addressable Output Control Module
	AIO: Addressable Input/Output Module
	Fire Alarm Control Unit
	EVAC: Voice Evacuation Control Panel
	FAA: Fire Alarm Annunciator
	FACP: Fire Alarm Control Panel
	FATC: Fire Alarm Terminal Cabinet
	NACP: Notification Appliance Circuit Panel
	FAMN: Fire Alarm Mass Notification Control Panel
	Supervisory or Interface Device
	PIV: Post Indicator Valve Supervisory
	PS: Pressure Switch
	R: Non-Addressable Relay
	VS: Valve Supervisory Switch
	WF: Water Flow Switch

**GENERAL ELECTRICAL NOTES**

A. COORDINATE INSTALLATION OF ELECTRICAL WORK ABOVE THE CEILING TO PROVIDE THE GREATEST POSSIBLE CLEARANCE FOR INSTALLATION OF PLUMBING AND MECHANICAL INSTALLATION. CONDUITS SHALL BE ROUTED THROUGH JOIST WEBS WHERE POSSIBLE.

B. VERIFY EXACT PLACEMENT OF ALL LUMINAIRES, DEVICES, AND EQUIPMENT SHOWN ON THE ELECTRICAL CONSTRUCTION DOCUMENTS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS PRIOR TO FINAL PLACEMENT.

C. ELECTRICAL EQUIPMENT AND DEVICES SHALL BE "LISTED" AND "IDENTIFIED" AS RATED FOR A MINIMUM OF 75°C CONDUCTOR TERMINATION.

D. DEFINITION OF TERMS  
 "SHALL": ACTION THAT IS REQUIRED WITHOUT OPTION OR QUALIFICATION.  
 "FURNISH": CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING. CONTRACTOR SHALL BE RESPONSIBLE FOR LABOR AND CONSTRUCTION EQUIPMENT NECESSARY TO SET IN PLACE, CONNECT, CALIBRATE AND TEST EQUIPMENT FURNISHED BY HIM OR OTHERS.  
 "PROVIDE": CONTRACTOR SHALL FURNISH AND INSTALL.

**MOUNTING HEIGHT REQUIREMENTS:**  
 UNLESS SPECIFICALLY INDICATED OTHERWISE, THE FOLLOWING MOUNTING HEIGHTS SHALL APPLY:  
 • RECEPTACLES 16" TO BOTTOM  
 • TELECOMMUNICATIONS OUTLETS 16" TO BOTTOM  
 • LIGHT SWITCHES 48" TO TOP  
 • THERMOSTATS 48" TO TOP  
 • HUMIDISTATS 48" TO TOP  
 • FIRE ALARM PULL STATIONS 48" TO TOP  
 • FIRE ALARM NOTIFICATION DEVICES LOWER OF: 88" TO BOTTOM OR TOP AT 6" BELOW CEILING

**GENERAL LIGHTING NOTES**

A. THE CIRCUITING OF ALL LUMINAIRES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT.

B. CIRCUIT ALL EMERGENCY LIGHTS, NIGHT LIGHTS AND EXIT LIGHTS TO AN UNSWITCHED HOT CONDUCTOR, UPSTREAM OF ALL CONTROLS.

C. DIRECT CURRENT POWER WIRING FROM EXIT SIGNS TO REMOTE EXTERIOR EMERGENCY LIGHTING HEADS SHALL BE (2) #10 IN 1/2" CONDUIT UNLESS NOTED OTHERWISE.

D. IN AREAS WHERE CEILING MOUNTED OCCUPANCY SENSORS ARE USED FOR LIGHTING CONTROL IN CONJUNCTION WITH WALL SWITCHES, OCCUPANCY SENSOR/POWER PACK SHALL SWITCH LEGS SHALL BE WIRED IN SERIES WITH WALL SWITCHES TO PROVIDE OVERRIDE "OFF" CONTROL FOR LIGHTS.

E. CONTROL WIRING FOR 0-10 V-dc DIMMING SIGNAL CIRCUITS SHALL BE NEC CLASS 1, ROUTED IN SAME RACEWAY/CABLE WITH LIGHTING CIRCUIT POWER CONDUCTORS. WIRING SHALL CONSIST OF (2) #16 SOLID CU THHN OR TFN CONDUCTORS. CONDUCTOR INSULATION COLOR SHALL BE VIOLET (- V-dc) AND PINK (- V-dc). WHERE MC-CABLE IS USED FOR FINAL 6" POWER CONNECTION WHIP TO LUMINAIRE, UTILIZE "LUMINARY" TYPE MC-CABLE WITH INTEGRAL CLASS 1 CONTROL WIRING.

**GENERAL POWER NOTES**

A. THE CIRCUITING OF ALL DEVICES HAS BEEN SHOWN ON THE PLANS, AND THE CONTRACTOR SHALL FOLLOW THIS CIRCUITING LAYOUT.

B. VERIFY EXACT LOCATIONS OF HVAC AND PLUMBING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ASSOCIATED SUBCONTRACTORS. COORDINATE CONDUIT STUB-UP AND POWER CONNECTIONS PRIOR TO COMMENCING ROUGH-IN WORK. ELECTRICAL DEVICES (DISCONNECTS, RECEPTACLES, ETC.) INSTALLED ON EQUIPMENT SHALL BE MOUNTED ON A NON-REMOVABLE PANEL OF THE EQUIPMENT. FIELD COORDINATE EXACT DEVICE MOUNTING LOCATIONS PRIOR TO INSTALLATION.

C. WALL MOUNTED HVAC CONTROL DEVICES (THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, CO<sub>2</sub> SENSORS, ETC) SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. UNLESS NOTED OTHERWISE, ELECTRICAL CONTRACTOR SHALL PROVIDE SINGLE GANG WALL BOX WITH 1/2" CONDUIT STUBBED OUT TO ABOVE ACCESSIBLE CEILING WITH NYLON BUSHINGS AND PULLSTRING IN RACEWAY. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DEVICES.

**GENERAL TELECOMMUNICATIONS NOTES**

A. PROVIDE THE FOLLOWING RACEWAY ROUGH-IN FOR TELECOMMUNICATIONS OUTLET TYPES INDICATED:  
 - WALL PHONE OUTLET: 2"x4"x2-1/8" DEEP DEVICE BOX WITH (1) 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.  
 - PHONE/DATA OUTLET: 4-1/16" SQUARE x 3-1/4" DEEP BOX (RACO #260 OR EQUAL) WITH 1-GANG DEVICE RING AND 1-1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING.  
 - TV OUTLET: 4-1/16" SQUARE x 3-1/4" DEEP BOX (RACO #260 OR EQUAL) WITH 2-GANG DEVICE RING AND (1) 2" CONDUIT TO ABOVE ACCESSIBLE CEILING

B. PROVIDE NYLON BUSHINGS FOR ALL CONDUIT ENDS NOT CONNECTED TO A BOX OR FITTING TO PROTECT CABLEING FROM DAMAGE.

C. CONDUITS FROM EACH OUTLET SHALL BE STUBBED 2" ABOVE THE FINISHED CEILING IN AREAS WITH ACCESSIBLE TILES. IN AREAS WITH OPEN CEILINGS, STUB CONDUIT INTO STRUCTURAL JOIST SPACE.

D. PROVIDE BLANK STAINLESS STEEL COVER PLATES FOR ALL OUTLETS NOT ACTIVATED BY OWNER.

E. PROVIDE SUITABLE PULL STRING IN ALL CONDUITS.

F. ALL TELECOMMUNICATIONS AND AV CABLING, JACKS, CONNECTORS, TERMINATIONS, EQUIPMENT AND TESTS SHALL BE PROVIDED BY OWNER.

**GENERAL FIRE ALARM NOTES**

A. FIRE ALARM CABLING SHALL BE INSTALLED IN CONDUIT WHERE EXPOSED, INACCESSIBLE, AND WHERE SUBJECT TO PHYSICAL DAMAGE.

B. DUCT TYPE SMOKE DETECTORS SHALL BE FURNISHED AND WIRED BY FIRE ALARM CONTRACTOR, INSTALLED IN DUCT BY MECHANICAL CONTRACTOR.

C. FIRE ALARM SYSTEM HVAC SHUT DOWN RELAYS SHALL BE PROVIDED AND WIRED TO FIRE ALARM CONTROL PANEL BY FIRE ALARM CONTRACTOR. LOCATE RELAYS WITHIN 5' OF HVAC EQUIPMENT AND PROVIDE CONDUIT WITH PULL STRING FROM RELAY TO EQUIPMENT. UNIT SHUT DOWN CONTROL WIRING SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.

D. AT LOCATION OF SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS, PROVIDE DUCT OR AREA SMOKE DETECTOR (AS SHOWN ON PLANS) WITHIN 5' OF DAMPER AND WIRE TO FIRE ALARM CONTROL PANEL. PROVIDE FIRE ALARM RELAY FOR CONTROL OF 120V POWER TO DAMPER ACTUATOR. DAMPER SHALL CLOSE UPON DETECTION OF SMOKE.

E. IN ADDITION TO VALVES INSTALLED ON FIRE SPRINKLER SYSTEM RISER, ALL VALVES INSTALLED OUTSIDE THE BUILDING (POST INDICATOR VALVE, TAPPING SLEEVE VALVE, ETC.) SHALL BE SUPERVISED BY THE FIRE ALARM SYSTEM. PROVIDE ADDRESSABLE MONITORING MODULE AND SURGE PROTECTION DEVICE (DTEK #DTEK-2000-PH8) FOR EACH MONITORED VALVE. COORDINATE WITH GC AND SITE WORK CONTRACTOR FOR ALL VALVES INSTALLED. MONITORING IS NOT REQUIRED FOR VALVES INSTALLED IN ROADWAY BOXES BY THE MUNICIPALITY/PUBLIC UTILITY.

Electrical Sheet List	
E0.1	ELECTRICAL TITLE SHEET
E0.1.1	BASEMENT ELECTRICAL PLAN - BUILDING A - AREA A
E0.1.2	FIRST FLOOR ELECTRICAL PLAN - BUILDING A - AREA A
E0.1.3	FIRST FLOOR ELECTRICAL PLAN - BUILDING A - AREA B
E0.1.4	SECOND FLOOR ELECTRICAL PLAN - BUILDING A - AREA A
E0.1.5	SECOND FLOOR ELECTRICAL PLAN - BUILDING A - AREA B
E0.2	BASEMENT SPECIAL SYSTEMS PLAN - BUILDING A - AREA A
E0.2.1	FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING A - AREA A
E0.2.2	FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING A - AREA A
E0.2.3	FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING A - AREA A
E0.2.4	SECOND FLOOR SPECIAL SYSTEMS PLAN - BUILDING A - AREA A
E0.2.5	SECOND FLOOR SPECIAL SYSTEMS PLAN - BUILDING A - AREA B
E0.4.1	ENLARGED ELECTRICAL PLANS AND SCHEDULES
E0.6.1	ELECTRICAL SCHEDULES AND DETAILS
E0.6.2	ELECTRICAL RISER DIAGRAM
E0.6.3	ELECTRICAL ONE LINE DIAGRAMS
E0.6.4	ELECTRICAL ONE LINE DIAGRAMS
E0.6.5	ELECTRICAL ONE LINE DIAGRAMS
E0.6.6	HOUSE PANEL SCHEDULES
E0.6.7	ELECTRICAL PLAN BUILDING B
E0.6.8	SPECIAL SYSTEMS PLAN - BUILDING B
E0.6.9	ENLARGED ELECTRICAL PLAN BUILDING B
E0.6.10	ELECTRICAL SCHEDULES/DETAILS
E0.6.11	ELECTRICAL RISER DIAGRAM

**GENERAL ELECTRICAL DEMOLITION NOTES**

1. REMOVE ALL NM, BX, MC, AC AND OTHER CABLE SYSTEMS AND WIRING FOR ALL ABANDONED CIRCUITS.

2. REMOVE ALL ABANDONED CONDUITS ABOVE LAY-IN CEILINGS, EXPOSED CONDUITS, FLEXIBLE CONDUITS, SURFACE RACEWAY, SURFACE MOUNTED OUTLET/JUNCTION BOXES AND EQUIPMENT UNLESS NOTED OTHERWISE.

3. WHERE ABANDONED FEEDERS AND BRANCH CIRCUITS ARE CONCEALED WITH WALLS, FLOORS AND HARD CEILINGS THAT ARE TO REMAIN, REMOVE ALL WIRING AND CAP CONDUITS AT BOTH ENDS.

4. WHERE ABANDONED OUTLET AND JUNCTION BOXES ARE RECESSED FLUSH IN WALLS, FLOORS AND HARD CEILINGS THAT ARE TO REMAIN, REMOVE ALL WIRING AND WIRING DEVICES AND PROVIDE BLANK STAINLESS STEEL COVERPLATES FOR BOXES 6"x6" AND SMALLER. REMOVE BOXES LARGER THAN 6"x6" AND PATCH SURFACE TO MATCH EXISTING. COORDINATE WITH ARCHITECT FOR FINAL DIRECTION.

5. ALL EQUIPMENT, FIXTURES, RACEWAY, WIRING AND DEVICES WHICH ARE REMOVED SHALL BE REMOVED FROM THE JOB SITE BY THIS CONTRACTOR, UNLESS DIRECTED OTHERWISE BY THE ARCHITECT OR OWNER'S REPRESENTATIVE. CONFORM TO ALL LAWS AND ORDINANCES IN EFFECT CONCERNING THE PROPER DISPOSAL OF LUMINAIRES AND LAMPS.

6. COORDINATE THE REMOVAL OF MECHANICAL AND PLUMBING EQUIPMENT WITH THE MECHANICAL AND PLUMBING CONTRACTORS. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ELECTRICAL POWER AND CONTROL CIRCUITS FOR EQUIPMENT BEING REMOVED. REMOVE ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH DEMOLISHED MECHANICAL AND PLUMBING EQUIPMENT (DISCONNECT SWITCHES, MOTOR STARTERS, RELAYS, ETC.).

**GENERAL ELECTRICAL REMODEL NOTES**

1. DESIGN IS BASED ON FIELD INFORMATION, AS-BUILT DRAWINGS AND OWNER FURNISHED INFORMATION. CONTRACTOR SHALL VERIFY ACCURACY OF ALL EXISTING CONDITIONS. IN CASE OF DISCREPANCY, PROVIDE ALL NECESSARY CORRECTION, WIRE, BOXES, FITTINGS, ETC. FOR A COMPLETE OPERATING ELECTRICAL SYSTEM.

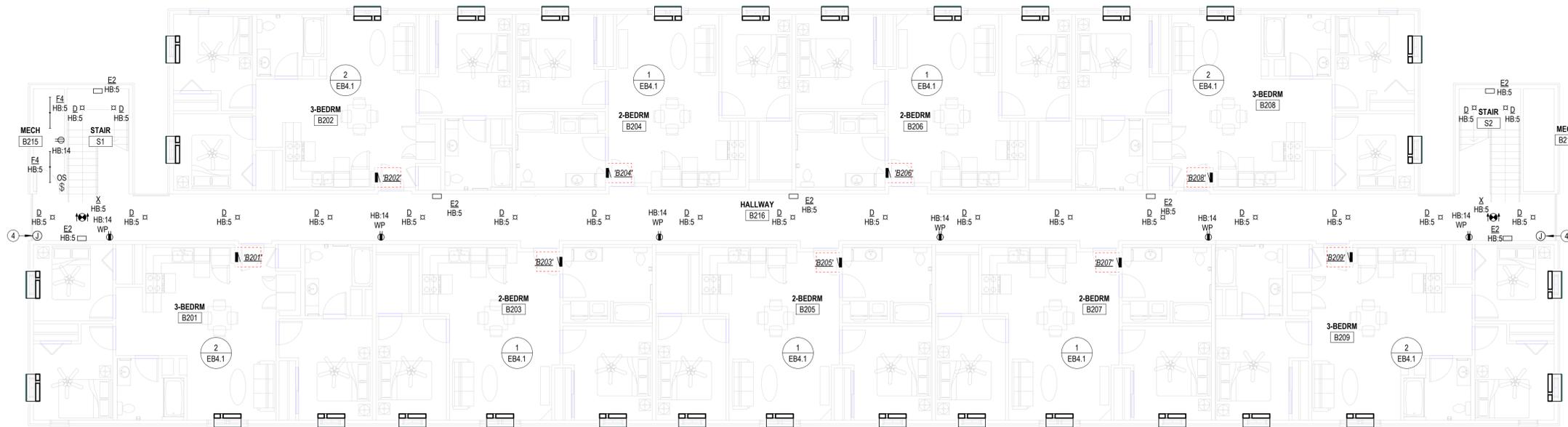
2. EXISTING EQUIPMENT, WIRING DEVICES, LIGHTS, CONDUIT, WIRING, ETC., NOT DISTURBED BY NEW CONSTRUCTION WORK SHALL BE MAINTAINED AND UNDAMAGED. THESE ITEMS, IF SHOWN, ARE SHOWN FOR INFORMATION PURPOSES ONLY UNLESS NOTED OTHERWISE. THIS CONTRACTOR SHALL VISIT THE JOB SITE TO VERIFY ALL EXISTING CONDITIONS AND TO BECOME FAMILIAR WITH ALL WORK TO BE PERFORMED. FAILURE TO DO SO WILL NOT RELIEVE THIS CONTRACTOR OF THE RESPONSIBILITY FOR PERFORMING ALL WORK NECESSARY TO PROVIDE A WORKMANLIKE INSTALLATION.

3. FIELD VERIFY THE LOCATION AND CONDITION OF ALL EXISTING UTILITIES AND PROVIDE PROTECTION FOR THESE UTILITIES DURING THE COURSE OF WORK. EXISTING UTILITIES, BUILDING MATERIALS AND ASSOCIATED ITEMS DAMAGED BY THIS CONTRACTOR, OR ANY PARTIES ASSOCIATED WITH THIS CONTRACTOR, SHALL BE REPAIRED OR REPLACED AT THIS CONTRACTOR'S EXPENSE, IN A TIMELY MANNER, AND TO THE OWNER'S WRITTEN ACCEPTANCE.

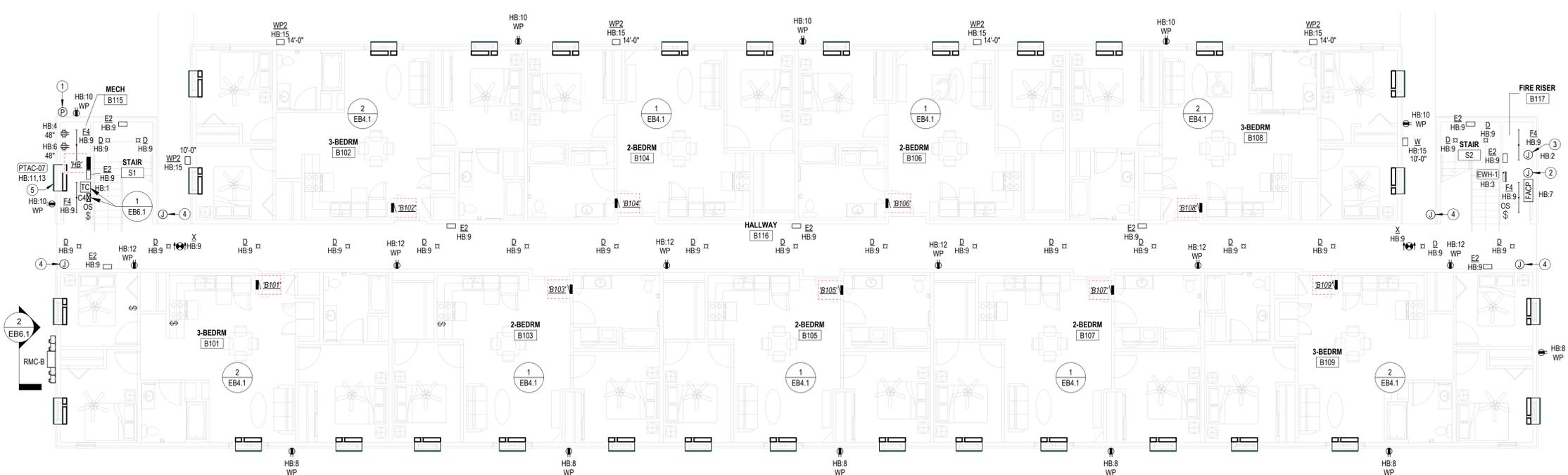
4. THERE SHALL NOT BE ANY INTERRUPTION TO EXISTING SERVICES (ELECTRICAL, FIRE ALARM, TELEPHONE, ETC.) WITHOUT PRIOR SCHEDULING OF SUCH OUTAGES WITH THE OWNER, ARCHITECT

**NOTES BY SYMBOL**

- PHOTOCELL FOR CONTROL OF EXTERIOR LIGHTS SEE DETAIL 1.E6.1 FOR MORE INFORMATION.
- DEDICATED 20 AMP, 120V CIRCUIT FOR FIRE ALARM CONTROL PANEL. VERIFY EXACT LOCATION AND REQUIREMENTS WITH FIRE ALARM CONTRACTOR.
- 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.
- COORDINATE SECURITY CAMERA ELECTRICAL ROUGH-IN REQUIREMENTS AND LOCATIONS WITH OWNER.
- PROVIDE NEMA6-15R RECEPTACLE FOR CORD AND PLUG CONNECTION OF PTAC. VERIFY RECEPTACLE CONFIGURATION WITH PTAC SUPPLIER BY MECHANICAL CONTRACTOR. INSTALL RECEPTACLE CONCEALED IN UNIT SUB-BASE.



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



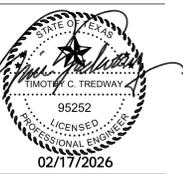
**1 FIRST FLOOR ELECTRICAL PLAN-BUILDING B**  
 1/8" = 1'-0"

LANDMARK 601

601. W. LEWIS

TEXAS

CONROE,



REVISIONS:


DATE: 02-16-2026  
 JOB: 25-3385  
 SHEET NO.:

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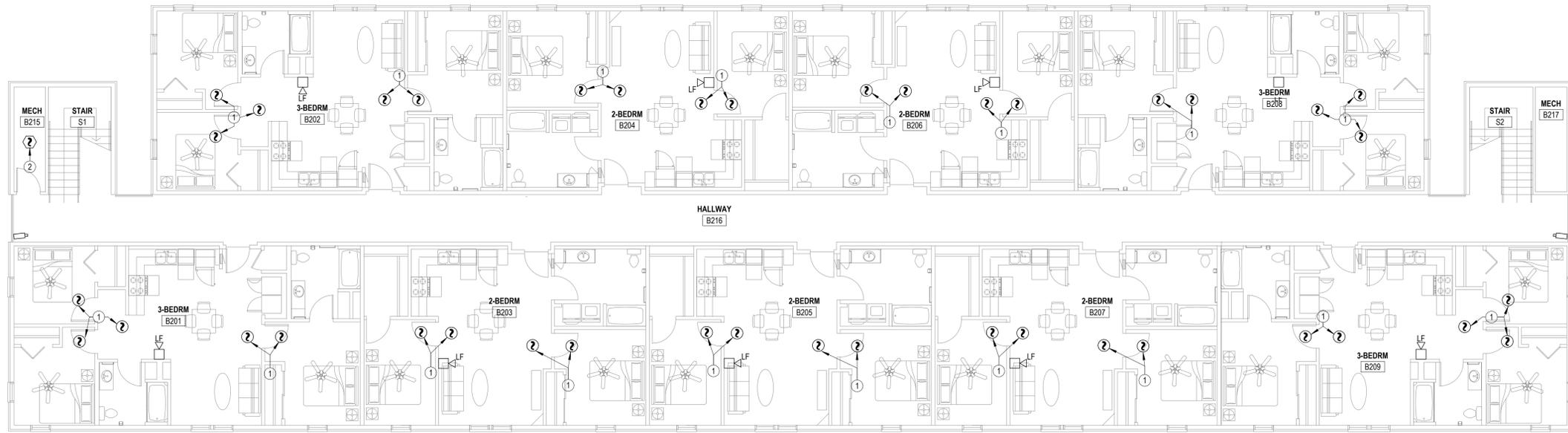


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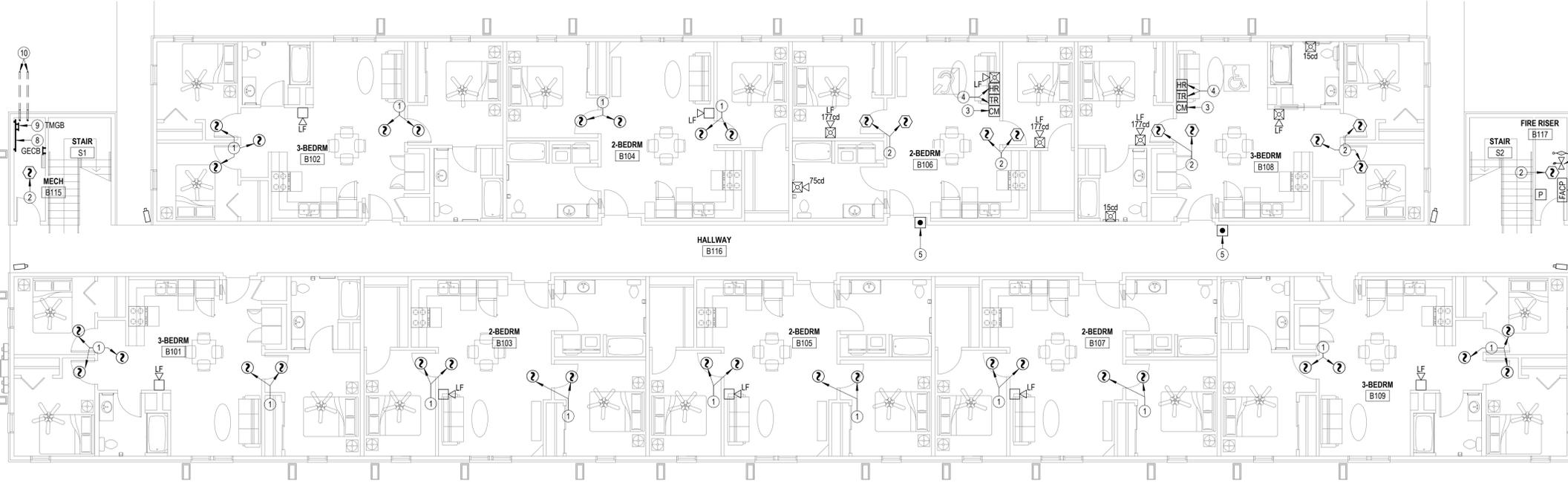

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**NOTES BY SYMBOL**

- 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 W/ 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 5EB.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 5EB.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 DUCT 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 4EB.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 SECOND FLOOR SPECIAL SYSTEMS PLAN - BUILDING B**  
 1/8" = 1'-0"



**1 FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING B**  
 1/8" = 1'-0"



REVISIONS:

DATE:	02-16-2026
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**NOTES BY SYMBOL**

- PROVIDE RECEPTACLE BELOW COUNTER FOR CORD AND PLUG CONNECTION OF DISHWASHER. PROVIDE CORD AND GROUNDING PLUG AS REQUIRED.
- SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
- 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.
- PROVIDE FAN EQUAL TO MINKA AIRE FE26L-CL AND CEILING MOUNTED J-BOX FOR POWER TO CEILING FAN. COORDINATE EXACT FAN SPEC AND INSTALLATION REQUIREMENTS WITH ARCHITECT AND INTERIOR DESIGNER.
- SLIDE DIMMER CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BEDROOM, AND THE OTHER SWITCH SHALL CONTROL THE CEILING FAN.
- 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:  
 EFFICIENCY: 19 MINUTES PER HOUR  
 1 BEDROOM: 19 MINUTES PER HOUR  
 2 BEDROOM: 25 MINUTES PER HOUR
- SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
- 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.
- PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
- PROVIDE PRESET SLIDE DIMMER COMPATIBLE WITH ASSOCIATED LIGHT FIXTURES.
- COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER. TELECOM DISTRIBUTION DEVICE APPROXIMATELY 4'-0" AFF. COORDINATE EXACT REQUIREMENTS WITH UTILITY PROVIDER SELECTED BY OWNER. ROUTE 3/4" CONDUIT WITH PULL STRING FROM DEVICE TO TELECOMM BACKBOARD IN 'MECH 12'.
- 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.
- PROVIDE SWITCH IN ACCESSIBLE UNITS FOR CONTROL OF RANGE HOOD.

**Breaker Function Schedule**

A	Arc-Fault Interrupter (AFCI) Protection
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
GA	Combination Arc-Fault Interrupter (AFCI) and Ground-Fault Circuit Interrupter, 5mA (GFCI) Protection
L	Lockable open according to NEC 110.25

**Designation: 2BR**

Installed Location: 2 Bedroom Unit  
 Voltage: 120/208 1PH 3W-1PH-3W  
 Mounting: Flush  
 Enclosure: NEMA 1

Bus Amps: 150  
 MCB Amps: MLO  
 Features & Modifications: -

SCCR/AIC:  
 Mains FNNote: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt
2BR-1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	8.3 A	38...		50	3/4"C,2#6,#6N,#10G	ELECTRIC RANGE	2BR-2
2BR-3	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA	7.0 A	38...					2BR-4
2BR-5	GARBAGE DISPOSAL	1/2"C,1#12,#12N,#12G	20	GA	9.8 A	24...		30	1/2"C,2#10,#10N,#10G	ELECTRIC CLOTHES DRYER	2BR-6
2BR-7	KITCHEN COUNTER RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A	24...					2BR-8
2BR-9	KITCHEN COUNTER RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A	21...					2BR-10
2BR-11	KITCHEN HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA	8.3 A	24...		30	1/2"C,2#10,#10N,#10G	ELECTRIC WATER HEATER HWH-B	2BR-12
2BR-13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	10...	9.4 A		15	1/2"C,2#12,#12G	BEDROOM #1 PTAC UNIT	2BR-14
2BR-15	LIVING/KITCHEN AREA LIGHTING	1/2"C,1#12,#12N,#12G	20	A	1.2 A	9.4 A					2BR-16
2BR-17	WASHING MACHINE	1/2"C,1#12,#12N,#12G	20	GA	10...	9.4 A		15	1/2"C,2#12,#12G	LIVING AREA PTAC UNIT	2BR-18
2BR-19	BATHROOM	1/2"C,1#12,#12N,#12G	20	A	2.4 A	9.4 A					2BR-20
2BR-21	BEDROOM #1	1/2"C,1#12,#12N,#12G	20	A	9.1 A	9.4 A		15	1/2"C,2#12,#12G	BEDROOM #2 PTAC UNIT	2BR-22
2BR-23	BEDROOM #2	1/2"C,1#12,#12N,#12G	20	A	8.8 A	9.4 A					2BR-24
2BR-25	DED. CLOSET IT ENCLOSURE	1/2"C,1#12,#12N,#12G	20	A	3.0 A			--	--	SPACE	2BR-26
2BR-27	SPARE	--	20	A	0.0 A	0.0 A		30	--	SURGE PROTECTION	2BR-28
2BR-29	SPARE	--	20	A	0.0 A	0.0 A					2BR-30

Notes:

**Designation: 3BR**

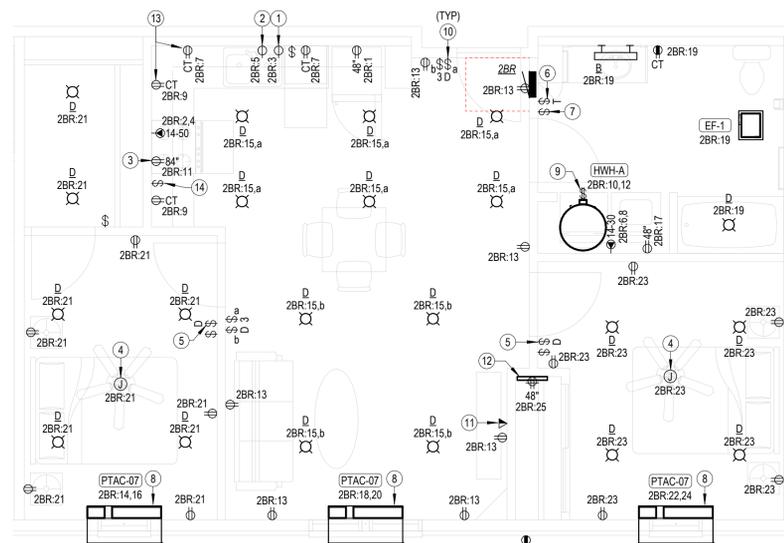
Installed Location: 3 Bedroom Unit  
 Voltage: 120/208 1PH 3W-1PH-3W  
 Mounting: Flush  
 Enclosure: NEMA 1

Bus Amps: 150  
 MCB Amps: MLO  
 Features & Modifications: -

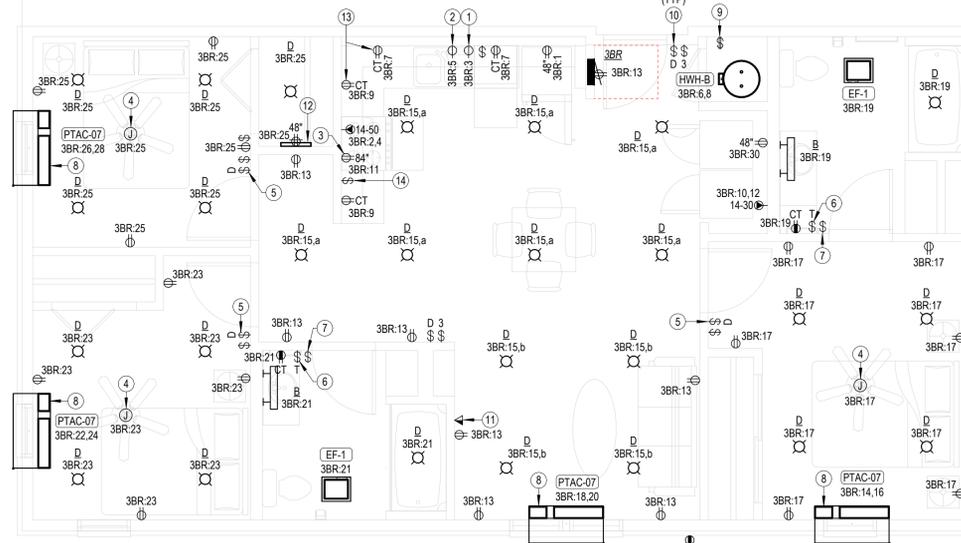
SCCR/AIC:  
 Mains FNNote: -

Ckt	Description	Circuitry	Trip (A)	FN	A	B	FN	Trip (A)	Circuitry	Description	Ckt	
3BR-1	REFRIGERATOR	1/2"C,1#12,#12N,#12G	20	GA	8.3 A	38...		50	3/4"C,2#6,#6N,#10G	ELECTRIC RANGE	3BR-2	
3BR-3	DISHWASHER	1/2"C,1#12,#12N,#12G	20	GA	7.0 A	38...					3BR-4	
3BR-5	GARBAGE DISPOSAL	1/2"C,1#12,#12N,#12G	20	GA	9.8 A	21...		30	1/2"C,2#10,#10G	ELECTRIC WATER HEATER HWH-A	3BR-6	
3BR-7	KITCHEN COUNTER RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A	21...					3BR-8	
3BR-9	KITCHEN COUNTER RECEPTACLES	1/2"C,1#12,#12N,#12G	20	GA	3.0 A	24...		30	1/2"C,2#10,#10N,#10G	ELECTRIC CLOTHES DRYER	3BR-10	
3BR-11	KITCHEN HOOD/MICROWAVE	1/2"C,1#12,#12N,#12G	20	GA	8.3 A	24...					3BR-12	
3BR-13	LIVING AREA RECEPTACLES	1/2"C,1#12,#12N,#12G	20	A	12...	9.4 A		15	1/2"C,2#12,#12G	BEDROOM #1 PTAC UNIT	3BR-14	
3BR-15	LIVING AREA LIGHTING	1/2"C,1#12,#12N,#12G	20	A	1.3 A	9.4 A					3BR-16	
3BR-17	BEDROOM #1	1/2"C,1#12,#12N,#12G	20	A	10...	9.4 A		15	1/2"C,2#12,#12G	LIVING AREA PTAC UNIT	3BR-18	
3BR-19	BATHROOM #1	1/2"C,1#12,#12N,#12G	20	A	2.4 A	9.4 A					3BR-20	
3BR-21	BATHROOM #2	1/2"C,1#12,#12N,#12G	20	A	2.4 A	9.4 A		15	1/2"C,2#12,#12G	BEDROOM #2 PTAC UNIT	3BR-22	
3BR-23	BEDROOM #2	1/2"C,1#12,#12N,#12G	20	A	7.3 A	9.4 A					3BR-24	
3BR-25	BEDROOM #3	1/2"C,1#12,#12N,#12G	20	A	10...	9.4 A		15	1/2"C,2#12,#12G	BEDROOM #3 PTAC UNIT	3BR-26	
3BR-27	SPARE	--	20	A	0.0 A	9.4 A					3BR-28	
3BR-29	SURGE PROTECTION	--	30		0.0 A	10...		GA	20	1/2"C,1#12,#12N,#12G	WASHING MACHINE	3BR-30

Notes:



**1 TYPICAL ENLARGED ELECTRICAL PLAN - 2 BEDROOM**  
 1/4" = 1'-0"



**2 TYPICAL ENLARGED ELECTRICAL PLAN - 3 BEDROOM**  
 1/4" = 1'-0"



REVISIONS:

NO.	DATE	DESCRIPTION

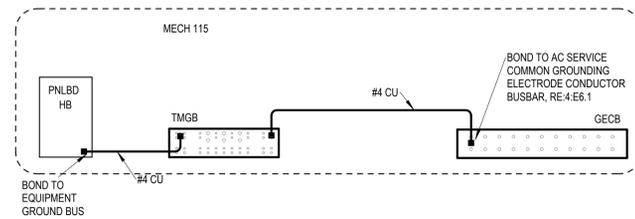
DATE: 02-16-2026  
 JOB: 25-3385  
 SHEET NO.:

**LIGHT FIXTURE SCHEDULE**

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

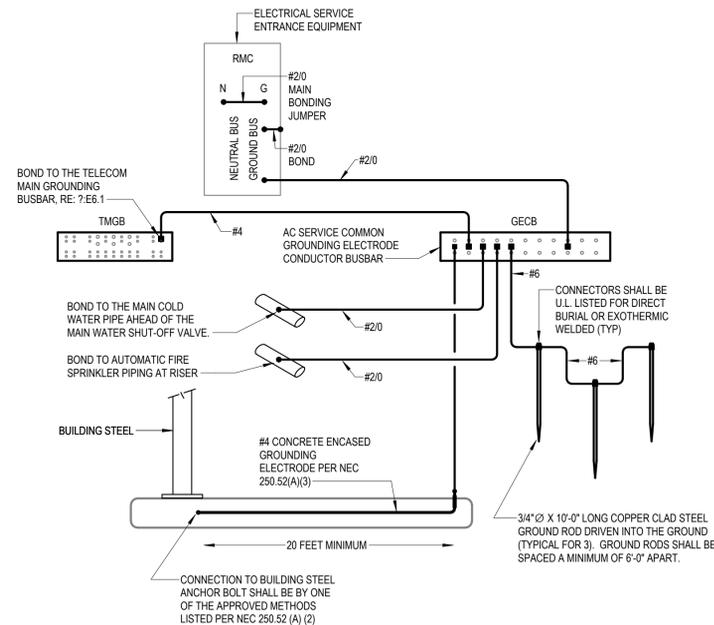
- GENERAL:**
- ALL LEDs SHALL BE 4000K CORRELATED COLOR TEMPERATURE, MINIMUM 80 CRI.
  - ALL LED FIXTURES SHALL ADHERE TO LM79 AND LM80 STANDARDS.
  - PROVIDE MANUFACTURERS' FLANGE KIT WHERE LAY-IN FIXTURES ARE TO BE INSTALLED IN GYP.
- NOTES:**
- PROVIDE FIXTURE WITH INTEGRAL EMERGENCY BATTERY AND CHARGER 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'.

- 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.

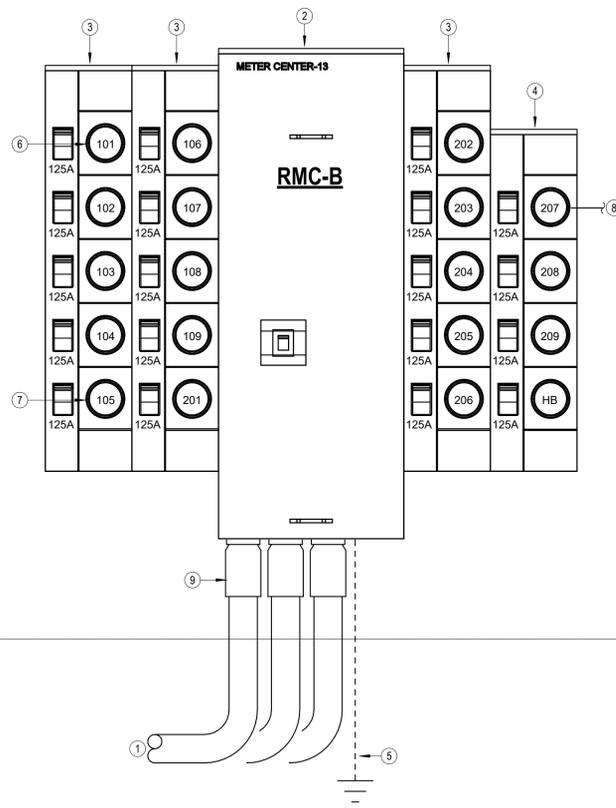


**4 COMMUNICATIONS GROUNDING DETAIL - BUILDING B**  
NO SCALE

- 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 #GGBA14424CCT 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.

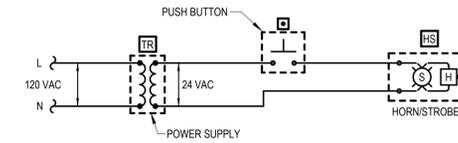


**3 AC SERVICE GROUNDING DETAIL - BUILDING B**  
NO SCALE



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

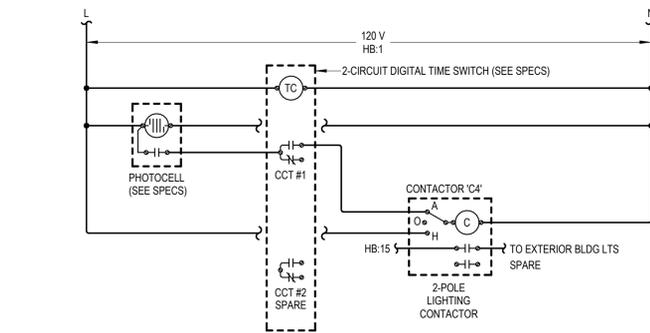
**5 ACCESSIBLE APARTMENT DOORBELL WIRING SCHEMATIC**  
NO SCALE



- 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 #636-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.

- 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  
281-601-7965
  - 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 K0MIL 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 #EZM38000BU.
  - 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" AFF.
  - MINIMUM HEIGHT TO BOTTOM OF METER SOCKET ASSEMBLY SHALL BE 2'-10" AFF.
  - SEE ONE LINE DIAGRAMS FOR FEEDER SIZES.
  - PROVIDE SCHEDULE 40 PVC SLIP JOINTS.

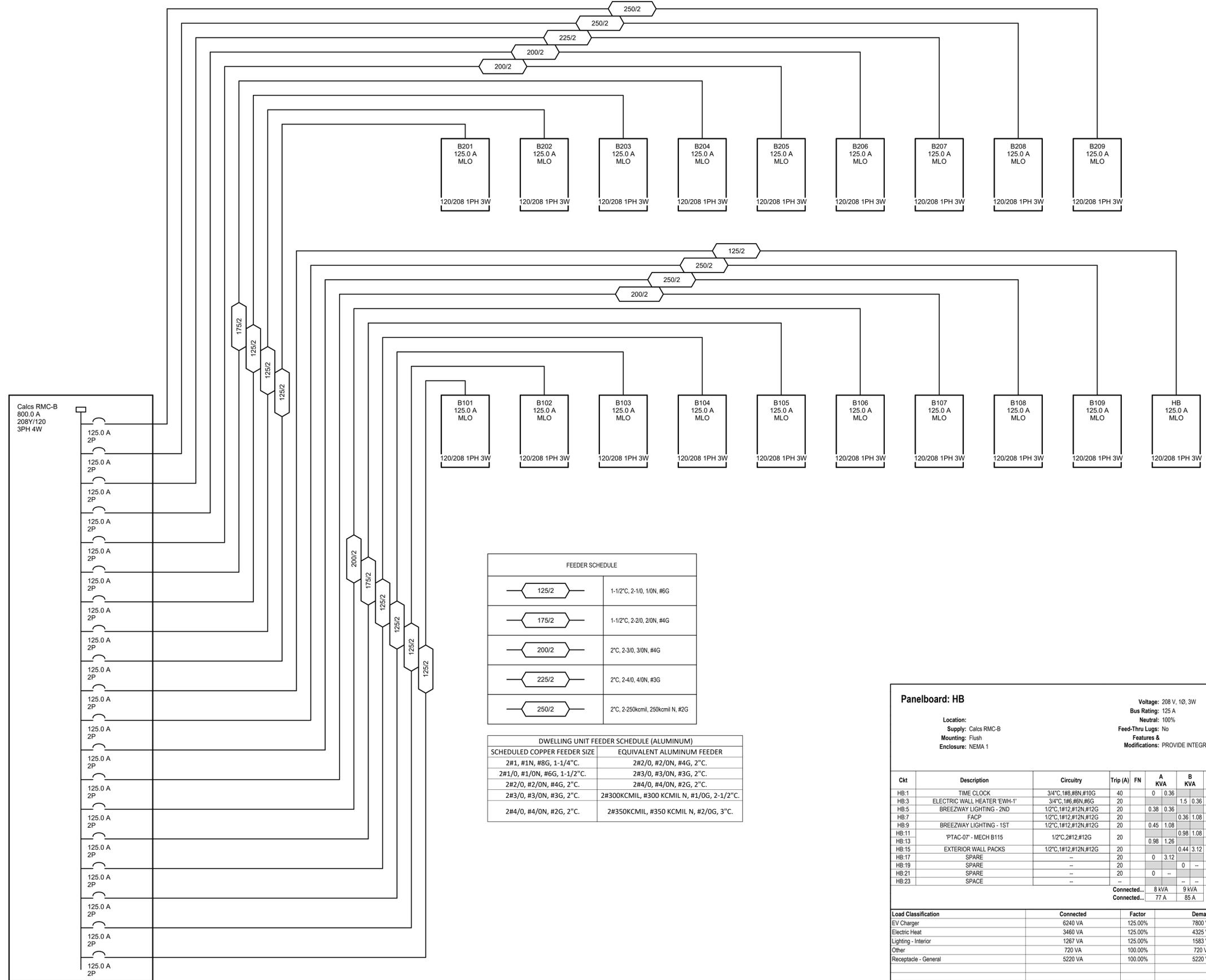


**1 LIGHTING CONTROL DIAGRAM - BUILDING B**  
NO SCALE



REVISIONS:

DATE: 02-16-2026  
 JOB: 25-3385  
 SHEET NO.:



FEEDER SCHEDULE	
125/2	1-1/2", 2-1/0, 110N, #6G
175/2	1-1/2", 2-2/0, 210N, #4G
200/2	2", 2-3/0, 310N, #4G
225/2	2", 2-4/0, 410N, #3G
250/2	2", 2-250kcmil, 250kcmil N, #2G

DWELLING UNIT FEEDER SCHEDULE (ALUMINUM)	
SCHEDULED COPPER FEEDER SIZE	EQUIVALENT ALUMINUM FEEDER
2#1, #1N, #8G, 1-1/4"	2#2/0, #2/ON, #4G, 2"C.
2#1/0, #1/ON, #6G, 1-1/2"	2#3/0, #3/ON, #3G, 2"C.
2#2/0, #2/ON, #4G, 2"C.	2#4/0, #4/ON, #2G, 2"C.
2#3/0, #3/ON, #3G, 2"C.	2#300KCMIL, #300 KCMIL N, #1/0G, 2-1/2"
2#4/0, #4/ON, #2G, 2"C.	2#350KCMIL, #350 KCMIL N, #2/0G, 3"C.

**Panelboard: HB**

Location: Calcs RMC-B  
 Mounting: Flush  
 Enclosure: NEMA 1

Voltage: 208 V, 10, 3W  
 Bus Rating: 125 A  
 Neutral: 100%  
 Feed-Thru Lugs: No

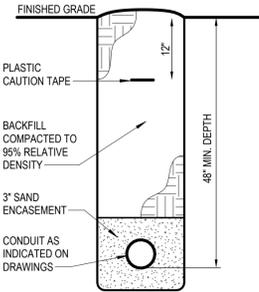
Mains Type: MLO  
 Mains Rating: 125 A  
 Mains FN>Note: -  
 SCCR: 10 KA

Features & Modifications: PROVIDE INTEGRAL SURGE PROTECTION

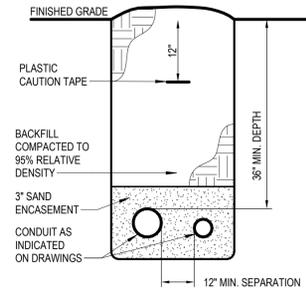
Ckt	Description	Circuitry	Trip (A)	FN	A KVA	B KVA	FN	Trip (A)	Circuitry	Description	Ckt
HB:1	TIME CLOCK	3/4"C, 1#8, #8N, #10G	40	0	0.36			20	1/2"C, 1#12, #12N, #12G	FIRE SPRINKLER FLOW SWITCHES	HB:2
HB:3	ELECTRIC WALL HEATER 'EWH-1'	3/4"C, 1#6, #6N, #6G	20			1.5	0.36	20	1/2"C, 1#12, #12N, #12G	TELECOMM RECEPTACLE	HB:4
HB:5	BREEZWAY LIGHTING - 2ND	1/2"C, 1#12, #12N, #12G	20		0.38	0.36		20	1/2"C, 1#12, #12N, #12G	TELECOMM RECEPTACLE	HB:6
HB:7	FAOP	1/2"C, 1#12, #12N, #12G	20		0.36	1.08		20	1/2"C, 1#10, #10N, #10G	EXTERIOR RECEPTACLES - SOUTH	HB:8
HB:9	BREEZWAY LIGHTING - 1ST	1/2"C, 1#12, #12N, #12G	20		0.45	1.08		20	1/2"C, 1#12, #12N, #12G	EXTERIOR RECEPTACLES - NORTH	HB:10
HB:11	'PTAC-07' - MECH B115	1/2"C, 2#12, #12G	20		0.98	1.08		20	1/2"C, 1#10, #10N, #10G	BREEZWAY RECEPTACLES - 1ST	HB:12
HB:13								20	1/2"C, 1#10, #10N, #10G	BREEZWAY RECEPTACLES - 2ND	HB:14
HB:15	EXTERIOR WALL PACKS	1/2"C, 1#12, #12N, #12G	20			0.44	3.12	40	3/4"C, 2#8, #10G	EV Charger	HB:16
HB:17	SPARE	--	20	0	3.12			--	--	SPACE	HB:18
HB:19	SPARE	--	20					--	--	SPACE	HB:20
HB:21	SPARE	--	20	0	--			--	--	SPACE	HB:22
HB:23	SPARE	--	--					--	--	SPACE	HB:24
					Connected...	8 KVA	9 KVA				
					Connected...	77 A	85 A				

Load Classification	Connected	Factor	Demand	Panel Totals
EV Charger	6240 VA	125.00%	7800 VA	Connected Load: 17 KVA
Electric Heat	3460 VA	125.00%	4325 VA	Connected Current: 81 A
Lighting - Interior	1267 VA	125.00%	1583 VA	Demand Load: 720 VA
Other	720 VA	100.00%	720 VA	Demand Current: 94 A
Receptacle - General	5220 VA	100.00%	5220 VA	Non-Coincident Heat/Cool: 0.0 A
				<b>Total Est. Demand - NC: 94.5 A</b>

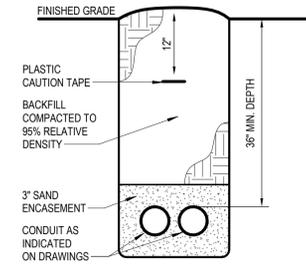
**1 ELECTRICAL ONE-LINE DIAGRAM - BUILDING B**  
 1" = 1'-0"



**3 CONDUIT TRENCH SECTION (PRIMARY)**  
 NO SCALE

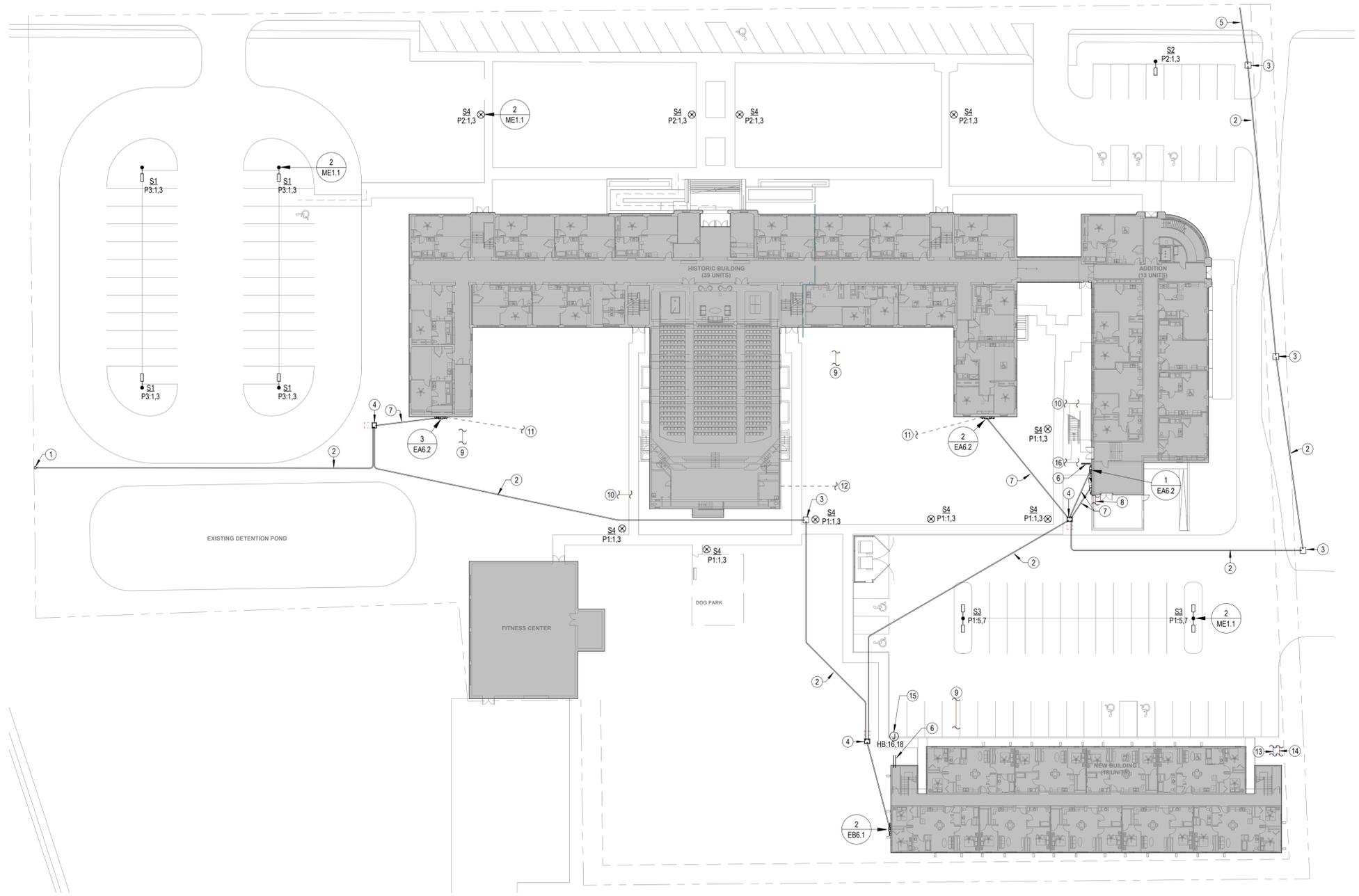


**4 CONDUIT TRENCH SECTION (TELECOM)**  
 NO SCALE

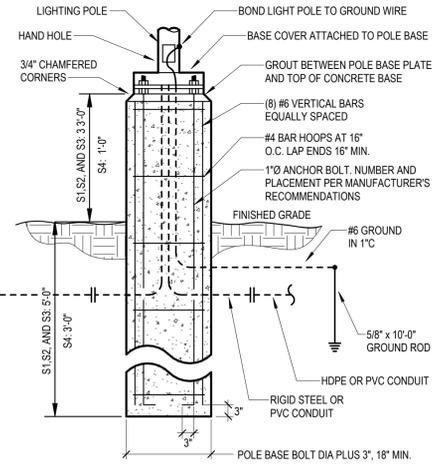


**5 CONDUIT TRENCH SECTION (SERVICE LATERAL)**  
 NO SCALE

- NOTES BY SYMBOL**
- EXISTING UTILITY COMPANY POWER POLE.
  - 5' CONDUIT WITH 1/4" PULL ROPE BELOW GRADE FOR POWER COMPANY PROVIDED PRIMARY CABLING. COORDINATE EXACT ROUTING WITH ENTERGY PRIOR TO COMMENCING WORK. REFERENCE DETAIL 3, THIS SHEET.
  - UTILITY PROVIDED JUNCTION BOX FOR PRIMARY CABLING. COORDINATE EXACT LOCATIONS AND RESPONSIBILITIES WITH ENTERGY.
  - 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.
  - EXTEND PRIMARY CONDUIT ACROSS STREET OVERHEAD OR BELOW GRADE. COORDINATE WITH ENTERGY.
  - (2) 2" CONDUITS BELOW GRADE FOR COMMUNICATIONS SERVICES. PROVIDE PULL STRING IN EACH RACEWAY. VERIFY TERMINATION POINT AT PROPERTY LINE WITH LOCAL COMMUNICATIONS ACCESS PROVIDER. REFERENCE DETAIL 5, THIS SHEET.
  - UNDERGROUND ELECTRICAL SERVICE LATERAL. SEE DETAIL 5, THIS SHEET AND POWER RISER OR ONE-LINE DIAGRAM.
  - EXISTING FIRE SERVICE IN THIS AREA TO REMAIN. COORDINATE EXACT REQUIREMENTS WITH FIRE SUPPRESSION SHOP DRAWINGS PROVIDED BY OTHERS.
  - 6" SANITARY SEWER. SEE CIVIL DRAWINGS FOR CONTINUATION.
  - 4" SANITARY SEWER. SEE CIVIL DRAWINGS FOR CONTINUATION.
  - CONTRACTOR TO ROUTE DWELLING UNIT FEEDERS FROM METER CENTER TO BASEMENT UNITS BELOW GRADE. COORDINATE EXACT ROUTING WITH CIVIL AND EXISTING TO REMAIN BELOW GRADE UTILITIES PRIOR TO ROUGH-IN.
  - CONTRACTOR TO ROUTE PANELBOARD "P4" FEEDER BELOW GRADE FROM PANEL "H1". COORDINATE EXACT ROUTING WITH CIVIL AND EXISTING TO REMAIN BELOW GRADE UTILITIES PRIOR TO ROUGH-IN.
  - 2" DOMESTIC WATER SERVICE. SEE CIVIL DRAWINGS FOR CONTINUATION.
  - FIRE SERVICE. SEE CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT REQUIREMENTS WITH FIRE SUPPRESSION SHOP DRAWINGS PROVIDED BY OTHERS.
  - PROVIDE CONDUIT AND CONDUCTORS FOR FUTURE SINGLE PORT EV CHARGING STATION. PROVIDE 6' EXTRA WIRING LENGTH IN WEATHERPROOF JUNCTION BOX. PROVIDE SAFE TERMINATION OF CONDUCTORS BY COVERING EXPOSED ENDS WITH WIRE NUT OR OTHER APPROVED METHOD. COORDINATE EXACT LOCATION WITH OWNER.
  - 3" SANITARY SEWER. SEE CIVIL DRAWINGS FOR CONTINUATION.



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



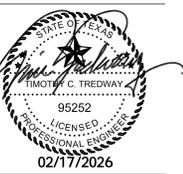
**2 LIGHT POLE BASE DETAIL**  
 NO SCALE

LANDMARK 601

601. W. LEWIS

TEXAS

CONROE,



REVISIONS:

DATE:	02-16-2026
JOB:	25-3385
SHEET NO.:	

ME1.1

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### EXHAUST FAN SCHEDULE

**NOTES:**

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

**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.

MARK	MANUFACTURER	MODEL NUMBER	COOLING		HEATING		AIRFLOW	ELECTRICAL				WEIGHT
			TOTAL COOLING	SENSIBLE COOLING	ELECTRIC HEAT OUTPUT	MCA		MOCF	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

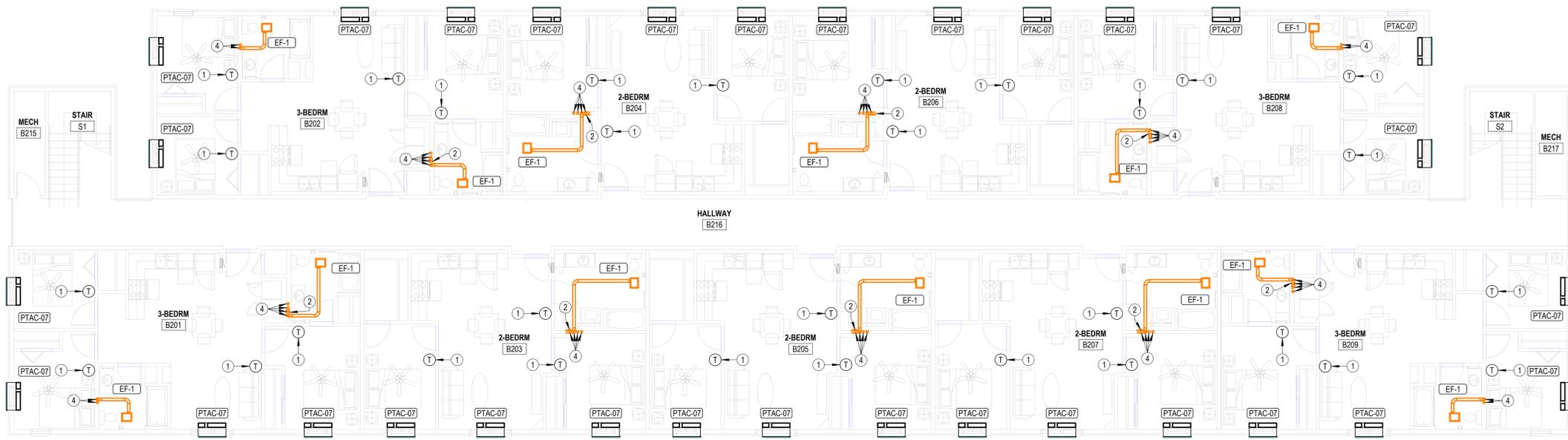
**NOTES:**

1. PROVIDE WITH HIGH TEMP. THERMAL CUTOFF 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...

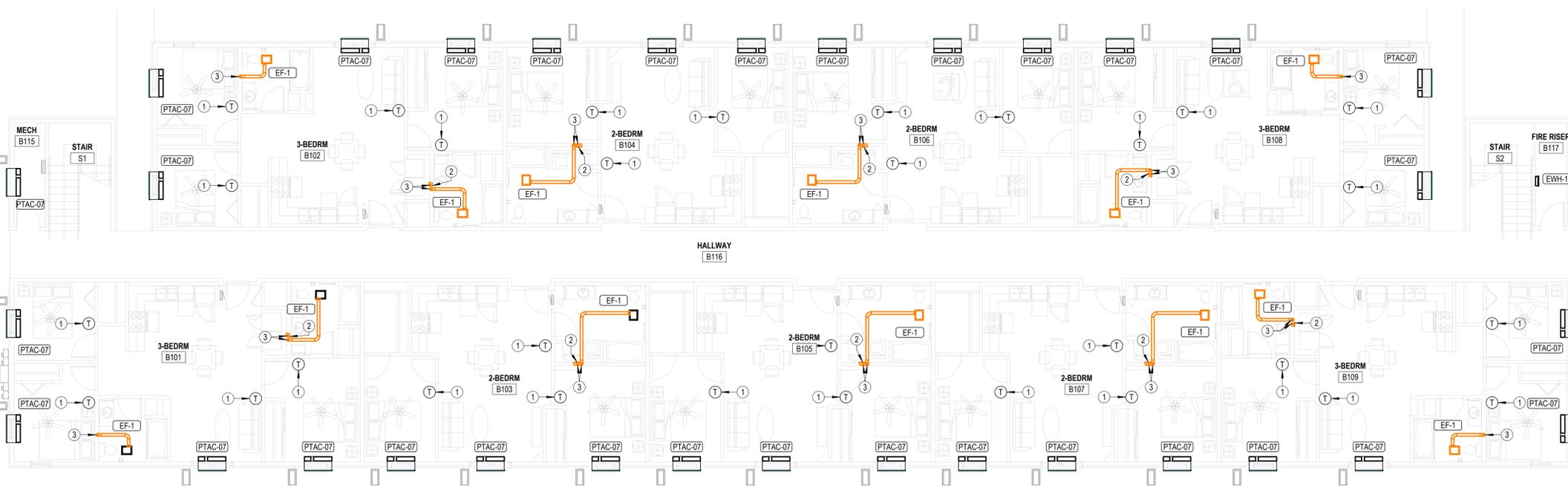
MARK	MANUFACTURER	MODEL	WATTS	VOLT	PHASE	DESCRIPTION
EW-H-1	TRANE	UHWA	1.5 kW	120 V	1	ARCHITECTURAL FAN FORCED WALL HEATER

**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" 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" 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.

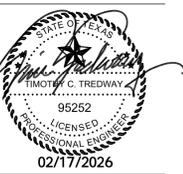


**2 SECOND FLOOR - HVAC FLOOR PLAN - BUILDING B**  
 1/8" = 1'-0"



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

TEXAS  
 LANDMARK 601  
 601. W. LEWIS  
 CONROE,



REVISIONS:  
 DATE: 02-16-2026  
 JOB: 25-3385  
 SHEET NO.:



REVISIONS:


DATE: 02-16-2026  
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 SHEET NO.:

General Plan Symbols		Plumbing Symbols	
	Plan Revision Number		Nominal Pipe Size
	Detail Number on Sheet		Above Ground Piping
	Sheet Number Where Detail is Placed		Below 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
			Reverse Osmosis Water
			Domestic Hot Water
			Domestic Hot Water 140°
			Hot Water Recirculation
			Hot Water Recirculation 140°
			Sanitary Drain
			Sanitary Vent
			Radon Mitigation
			Sanitary Wet Vent
			Combination DWV
			Condensate Drain
			Indirect Drain
			Grease Waste
			Grease Vent
			Pump Discharge
			Storm Drain
			Storm Overflow
			Compressed Air
			Natural Gas
			Liquid Propane
			Pipe Rise / Drop
<b>Abbreviations</b>		<b>Pipe Accessory Notes</b>	
Ø	ROUND	○	4" Cleanout
ABV	ABOVE	⌋	2" CHECK
AC	AIR CONDITIONING	⌋	2" BALANCE
AD	AREA DRAIN	⌋	2" CIR
ADD	ADDENDUM	⌋	2" GATE
AFF	ABOVE FINISHED FLOOR	⌋	2" SIO
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	⌋	2" STRAIN
ALT	ALTERNATE	⌋	1" GAS-CNTRL
AP	ACCESS PANEL	⌋	1" PLUG
ARCH	ARCHITECT/ARCHITECTURAL	⌋	1" GAS COOK
BFF	BELOW FINISHED FLOOR	⌋	1" REG
BLW	BELOW	⌋	1" TV
BTU	BRITISH THERMAL UNITS	⌋	1" TV
BTUH	BRITISH THERMAL UNITS PER HOUR	⌋	1" TV
CAP	CAPACITY	⌋	1" TV
CB	CATCH BASIN	⌋	1" TV
CFM	CUBIC FEET PER MINUTE	⌋	1" TV
CLG	CEILING	⌋	1" TV
CO	CLEAN OUT	⌋	1" TV
CW	COLD WATER	⌋	1" TV
D	DEGREE	⌋	1" TV
DB	DRY BULB	⌋	1" TV
DIA	DIAMETER	⌋	1" TV
DN	DOWN	⌋	1" TV
DW	DISTILLED WATER	⌋	1" TV
EA	EACH	⌋	1" TV
EAT	ENTERING AIR TEMPERATURE	⌋	1" TV
ELEC	ELECTRICAL	⌋	1" TV
EQUIP	EQUIPMENT	⌋	1" TV
EW	ELECTRIC WATER COOLER	⌋	1" TV
EWT	ENTERING WATER TEMPERATURE	⌋	1" TV
EA	EXHAUST AIR	⌋	1" TV
EXIST	EXISTING	⌋	1" TV
F	DEGREES FAHRENHEIT	⌋	1" TV
FCO	FLOOR CLEAN OUT	⌋	1" TV
FD	FLOOR DRAIN	⌋	1" TV
FDC	FIRE DEPARTMENT CONNECTION	⌋	1" TV
FL	FLOOR	⌋	1" TV
FO	FUEL OIL	⌋	1" TV
FOV	FUEL OIL VENT	⌋	1" TV
FOR	FUEL OIL RETURN	⌋	1" TV
FOS	FUEL OIL SUPPLY	⌋	1" TV
FS	FLOOR SINK	⌋	1" TV
FT	FOOT/FEET	⌋	1" TV
FTR	FIN TUBE RADIATION	⌋	1" TV
GAL	GALLON	⌋	1" TV
GF	GAS-FIRED	⌋	1" TV
GC	GENERAL CONTRACTOR	⌋	1" TV
GPM	GALLONS PER MINUTE	⌋	1" TV
GW	GREASE WASTE	⌋	1" TV
HB	HOSE BIB	⌋	1" TV
HP	HORSE POWER	⌋	1" TV
HTG	HEATING	⌋	1" TV
HTR	HEATER	⌋	1" TV
HW	HOT WATER	⌋	1" TV
HYD	HYDRANT	⌋	1" TV
ID	INDIRECT	⌋	1" TV
IN	INCH	⌋	1" TV
INV	INVERT	⌋	1" TV
LB	POUND	⌋	1" TV
LBHR	POUNDS PER HOUR	⌋	1" TV
LAT	LEAVING AIR TEMPERATURE	⌋	1" TV
LP	LOW PRESSURE	⌋	1" TV
LPG	LIQUEFIED PETROLEUM GAS	⌋	1" TV
LVR	LOUVER	⌋	1" TV
LWT	LEAVING WATER TEMPERATURE	⌋	1" TV
MIA	MIXED AIR	⌋	1" TV
MAX	MAXIMUM	⌋	1" TV
MBH	ONE THOUSAND BTU PER HOUR	⌋	1" TV
MCF	ONE THOUSAND CUBIC FEET	⌋	1" TV
MD	MOTORIZED DAMPER	⌋	1" TV
MECH	MECHANICAL	⌋	1" TV
MFR	MANUFACTURER	⌋	1" TV
MIN	MINIMUM	⌋	1" TV
MISC	MISCELLANEOUS	⌋	1" TV
MTR	MOTOR	⌋	1" TV
MUA	MAKE-UP AIR	⌋	1" TV
NC	NOISE CRITERIA	⌋	1" TV
NO	NORMALLY CLOSED	⌋	1" TV
NTS	NOT TO SCALE	⌋	1" TV
O	OXYGEN	⌋	1" TV
OIA	OUTSIDE AIR	⌋	1" TV
ORD	OVERFLOW ROOF DRAIN	⌋	1" TV
PD	PRESSURE DROP	⌋	1" TV
PVI	POST INDICATOR VALVE	⌋	1" TV
PLBG	PLUMBING	⌋	1" TV
PRESS	PRESSURE	⌋	1" TV
PRV	PRESSURE REDUCING VALVE	⌋	1" TV
PSI	POUNDS PER SQUARE INCH	⌋	1" TV
PSIG	POUNDS PER SQUARE INCH GAUGE	⌋	1" TV
PWR	POWER	⌋	1" TV
R	DUCT RISER	⌋	1" TV
R/A	RETURN AIR	⌋	1" TV
RCP	RADIANT CEILING PANEL	⌋	1" TV
RD	ROOF DRAIN	⌋	1" TV
REC	RECESSED	⌋	1" TV
RED	REDUCER	⌋	1" TV
RH	RELATIVE HUMIDITY	⌋	1" TV
RLA	RELIEF AIR	⌋	1" TV
RM	ROOM	⌋	1" TV
RPM	REVOLUTIONS PER MINUTE	⌋	1" TV
RW	RAIN WATER	⌋	1" TV
SF	SQUARE FOOT	⌋	1" TV
S/A	SUPPLY AIR	⌋	1" TV
SAN	SANITARY	⌋	1" TV
SF	SQUARE FOOT	⌋	1" TV
SD	SMOKE DAMPER	⌋	1" TV
SM	SURFACE MOUNT	⌋	1" TV
SP	STANDPIPE	⌋	1" TV
SP	STATIC PRESSURE	⌋	1" TV
STM	STEAM	⌋	1" TV
T	THERMOSTAT	⌋	1" TV
TD	TEMPERATURE DROP	⌋	1" TV
TDR	TRENCH DRAIN	⌋	1" TV
TEMP	TEMPERATURE	⌋	1" TV
TYP	TYPICAL	⌋	1" TV
UG	UNDERGROUND	⌋	1" TV
VAC	VACUUM	⌋	1" TV
V	VENT	⌋	1" TV
VAV	VARIABLE AIR VOLUME	⌋	1" TV
VENT	VENTILATION	⌋	1" TV
VTR	VENT THROUGH ROOF	⌋	1" TV
W	WASTE	⌋	1" TV
WB	WET BULB	⌋	1" TV
WCO	WALL CLEAN OUT	⌋	1" TV
WH	WALL HYDRANT	⌋	1" TV
WSV	WASTE STACK VENT	⌋	1" TV
<b>Equipment Abbreviations</b>		<b>Plumbing Fixture Notes</b>	
AC	AIR CONDITIONING UNIT	○	Design Size
ACCU	AIR COOLING CONDENSING UNIT	○	Identify Type
AHU	AIR HANDLING UNIT	○	Drainage Fixture Units
AS	AIR SEPARATOR	○	Floor Drain w/ Deep Seal Trap
B	BOILER	○	Floor Drain w/ Trap Primer
CH	CHILLER	○	"P" Indicates Primer Connection
CT	COOLING TOWER	○	Floor Drain w/ Integral Cleanout
CUH	CABINET UNIT HEATER	○	Area Drain (No Trap)
CHWP	CHILLED WATER PUMP	○	Deck Drain
DBP	DOMESTIC WATER BOOSTER PUMP	○	Hub Drain (Funnel Type)
DC	DUCT MOUNTED COIL	○	Floor Sink
DCP	DOMESTIC WATER CIRCULATING PUMP	○	Floor Sink
EF	EXHAUST FAN	○	Roof Drain
EDC	ELECTRIC DUCT COIL	○	Roof Drain
ET	EXPANSION TANK	○	Combination Drain
EW	ELECTRIC WATER HEATER	○	Rainfall Surface Area
FCU	FAN COIL UNIT	○	
FP	FIRE PUMP	○	
GI	GREASE INTERCEPTOR	○	
GRV	GRAVITY ROOF VENTILATOR	○	
HWP	HEATING WATER PUMP	○	
HRU	HEAT RECOVERY UNIT	○	
PRV	POWER ROOF VENTILATOR	○	
RE	RETURN/EXHAUST FAN	○	
RTU	ROOF TOP UNIT	○	
SP	SUMP PUMP	○	
UH	UNIT HEATER	○	
WH	WATER HEATER	○	
<b>*NOTE*</b>			
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.			

**GENERAL PLUMBING NOTES**

- FIELD VERIFY ALL NEW WATER, WASTE, AND VENT PIPING CONNECTIONS AND PROVIDE NEW CONNECTIONS AS REQUIRED FOR PROPERLY OPERATING SYSTEMS.
- PITCH UNDERFLOOR SANITARY WASTE PIPING OVER 2" AT 1/8" PER FOOT. 2" AND SMALLER AT 1/4" PER FOOT.
- FIELD VERIFY LOCATION AND INVERTS OF SITE UTILITIES PRIOR TO INSTALLATION.
- ROUTE DOMESTIC WATER, AND SANITARY SEWER SERVICES TO SITE UTILITIES 5'-0" FROM BUILDING UNLESS NOTED OTHERWISE. REFER TO CIVIL PLANS.
- WASTE AND VENT PIPING BELOW FLOOR AND THROUGH FLOOR SHALL BE 2" MINIMUM.
- LOCATIONS OF PIPING AND EQUIPMENT AS INDICATED ON THE DRAWINGS ARE APPROXIMATE AND SUBJECT TO MINOR ADJUSTMENTS IN THE FIELD. WORK SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID INTERFERENCE IN THE FIELD.
- FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL (OR UNIFORM, DEPENDING ON JURISDICTION) PLUMBING CODE AND INTERNATIONAL MECHANICAL CODE.
- LOCATE EQUIPMENT REQUIRING ACCESS 2'-0" MAXIMUM ABOVE CEILING.
- LOCATE PIPING AND EQUIPMENT OUTSIDE OF THE NEC REQUIRED CLEAR SPACE ABOVE AND AROUND ELECTRICAL PANELS, TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT. COORDINATE WITH ELECTRICAL CONTRACTOR. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE U.L. LISTED. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED ASSEMBLIES.
- PROVIDE SLEEVES AND/OR OPENINGS TO RUN PIPES THROUGH FOUNDATIONS, FLOORS, WALLS, AND ROOF.
- MAINTAIN CLEAR ACCESS TO SERVICE EQUIPMENT AND OTHER ACCESSORIES REQUIRING SERVICE. VISUAL INSPECTION OR HAND OPERATION. WHERE INDICATED OR REQUIRED, PROVIDE ACCESS PANELS OF THE TYPE SELECTED TO SUIT MATERIALS IN WHICH INSTALLED. TRANSITION FROM PIPING SIZES SHOWN TO PROPERLY CONNECT TO EQUIPMENT.
- PIPE SIZES SHOWN SHALL BE CONTINUED IN THE DIRECTION OF FLOW UNTIL ANOTHER SIZE IS SHOWN.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH THE SPECIFICATIONS.
- INSTALL EXPOSED PIPING AS HIGH AS PRACTICAL IN ROOMS WITHOUT CEILINGS.
- PRIOR TO STARTING WORK, SUBMIT SHOP DRAWINGS FOR ALL PLUMBING EQUIPMENT AND MATERIALS. SUBSTITUTE EQUIPMENT AND MATERIALS INSTALLED WITHOUT PRIOR APPROVAL SHALL BE SUBJECT TO REPLACEMENT AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND SHALL ARRANGE FOR ALL INSPECTIONS AS REQUIRED.
- PROVIDE ONE YEAR WARRANTY FOR ALL WORKMANSHIP AND MATERIALS AFTER THE DATE OF FINAL ACCEPTANCE.

**GENERAL PLUMBING DEMOLITION NOTES**

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

**Plumbing Sheet Index**

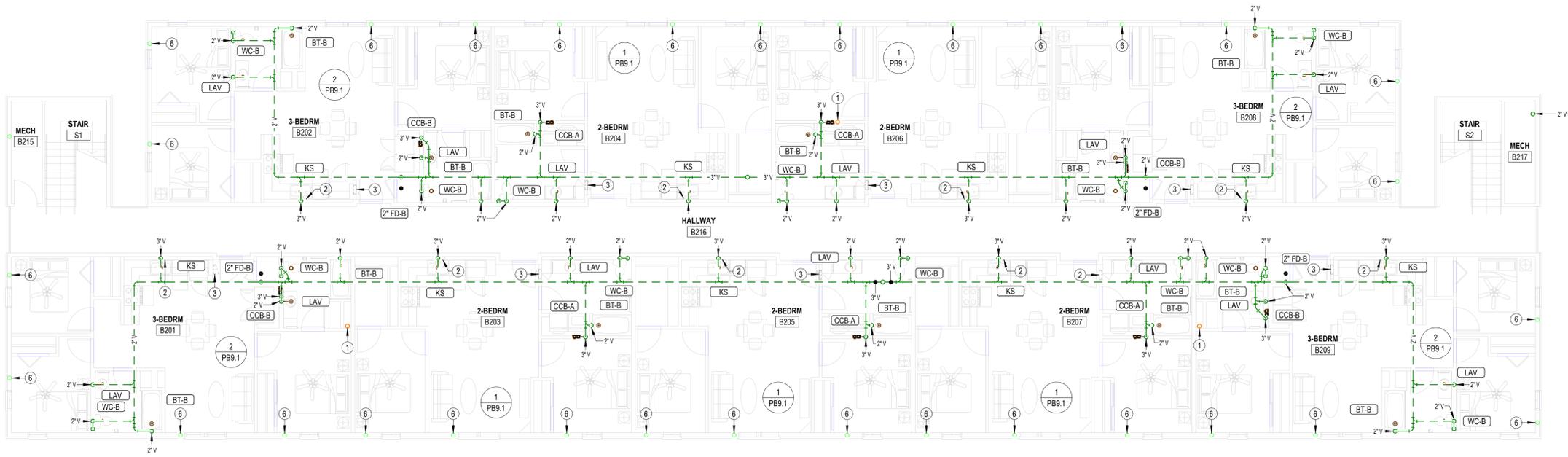
P0.1	PLUMBING TITLE SHEET
PA1.1	CRAWL SPACE AND BASEMENT WASTE AND VENT - BUILDING A - AREA A
PA1.2	CRAWL SPACE AND BASEMENT WASTE AND VENT - BUILDING A - AREA B
PA1.3	FIRST FLOOR WASTE AND VENT - BUILDING A - AREA A
PA1.4	FIRST FLOOR WASTE AND VENT - BUILDING A - AREA B
PA1.5	SECOND FLOOR WASTE AND VENT - BUILDING A - AREA A
PA1.6	SECOND FLOOR WASTE AND VENT - BUILDING A - AREA B
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PA6.1	PLUMBING SCHEDULES
PA9.1	PLUMBING RISERS
PA9.2	PLUMBING RISERS
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PA9.7	PLUMBING RISERS
PA9.8	PLUMBING RISERS
PA9.9	PLUMBING RISERS
PA9.10	PLUMBING RISERS
PB1.1	FIRST AND SECOND FLOOR WASTE AND VENT-BUILDING B
PB1.2	DOMESTIC WATER-BUILDING B
PB6.1	PLUMBING SCHEDULES-BUILDING B
PB9.1	WASTE AND VENT RISERS-BUILDING B
PB9.2	DOMESTIC WATER RISERS-BUILDING B

**WASTE AND VENT SHEET NOTES**

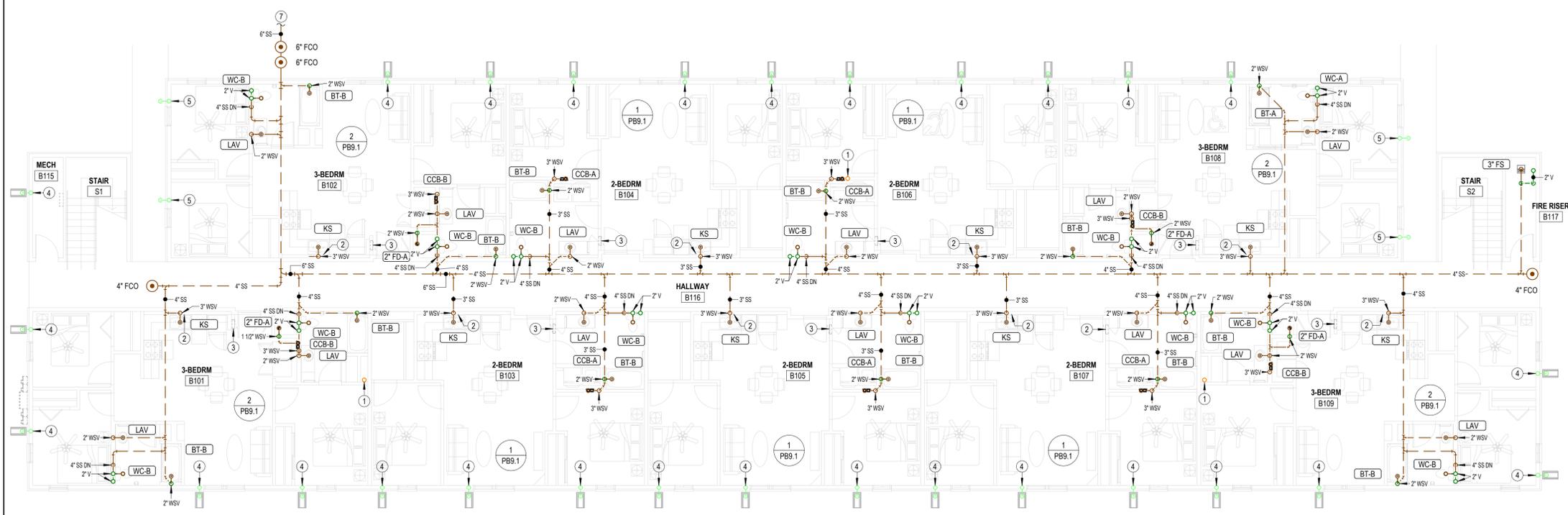
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
- SEE WASTE AND VENT ISOMETRICS SHEET PB9.1 FOR ADDITIONAL INFORMATION.
- PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE ROUTED VERTICALLY IN FURRED 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"



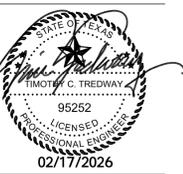
**1 FIRST FLOOR WASTE AND VENT PLAN - BUILDING B**  
 1/8" = 1'-0"

LANDMARK 601

601. W. LEWIS

TEXAS

CONROE,



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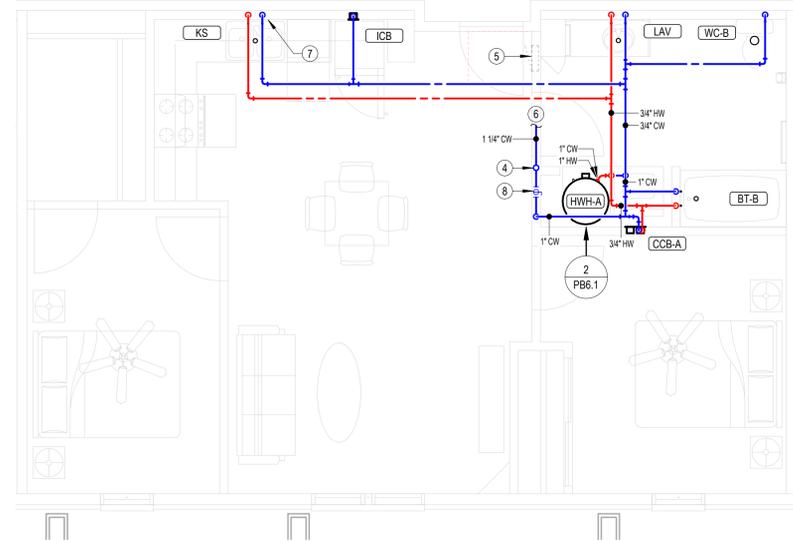
PB1.1

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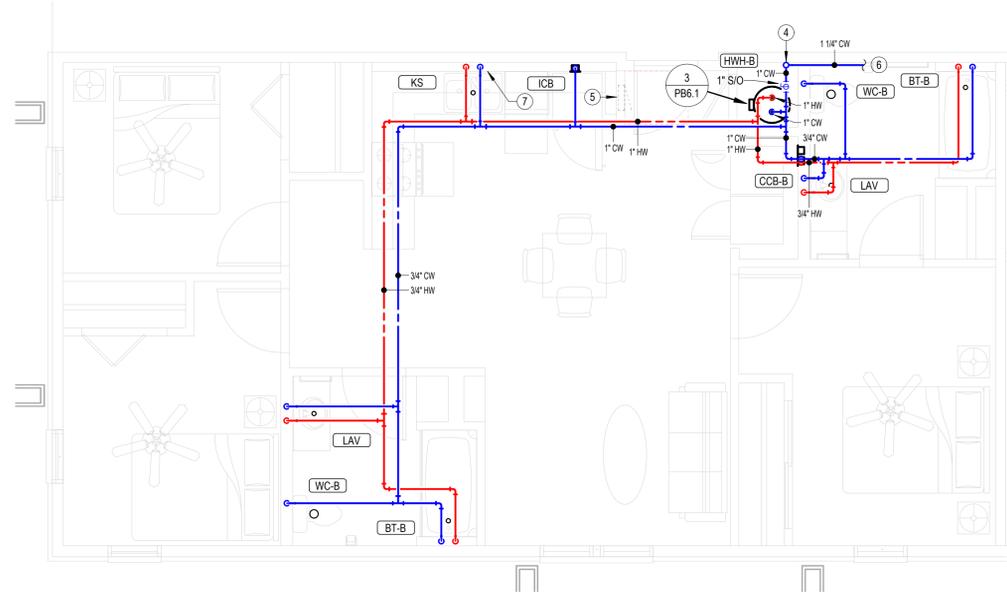
ALTERNATE MATERIAL SIZE			
	Cross-linked polyethylene (PEX)	Polypropylene	
COPPER PIPE SIZE INDICATED	1/2"	1/2"	1/2"
	3/4"	3/4"	3/4"
	1"	1-1/4"	1-1/4"
	1-1/4"	1-1/2"	1-1/2"
	1-1/2"	2"	2"
	2"	2-1/2"	2-1/2"
	3"	3-1/2"	3-1/2"

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.

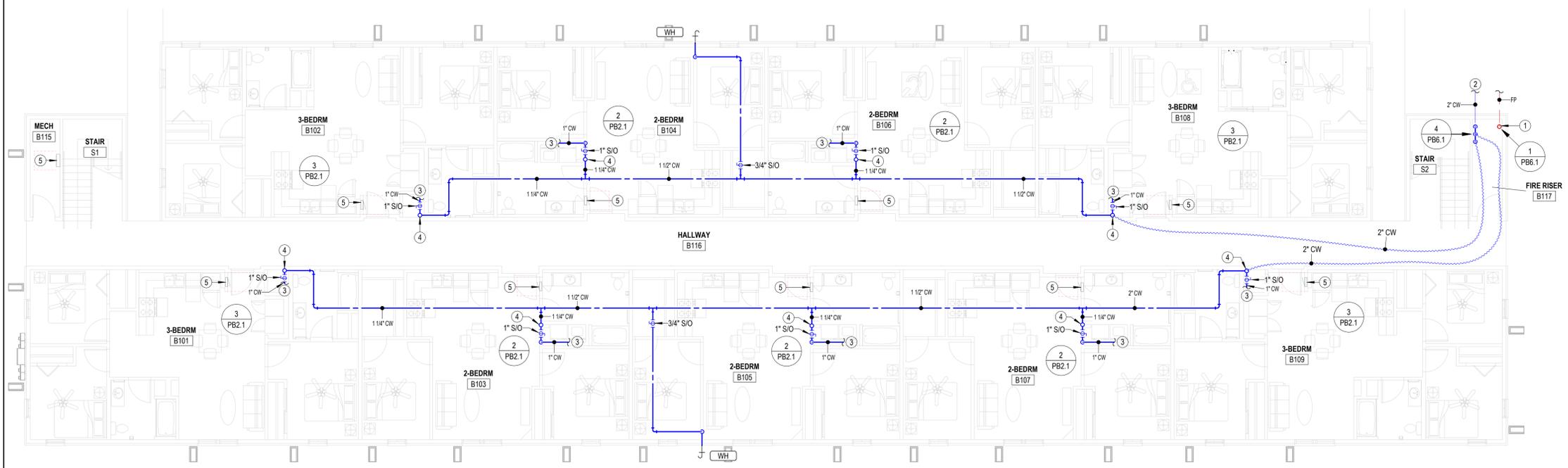
- DOMESTIC WATER SHEET NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
  - PIPING FOR DWELLING UNITS ON 2ND FLOOR SHALL BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.
  - PIPING SHALL NOT BE ROUTED VERTICALLY IN FIREWALLS SEPARATING UNITS. ALL PIPING SHALL BE RROUTED VERTICALLY IN FURRED OUT WALLS AS INDICATED ON PLANS. VERIFY DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
  - ALL PENETRATIONS OF APARTMENT AIR BARRIERS SHALL BE SEALED TO MAINTAIN INTEGRITY OF AIR BARRIER COORDINATE WITH G.C.
  - SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.
- NOTES BY SYMBOL**
- FIRE PROTECTION STAND PIPE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE PROTECTION DRAWINGS.
  - SEE SITE PLAN FOR CONTINUATION.
  - SEE ENLARGED DOMESTIC WATER PLANS FOR CONTINUATION.
  - ROUTE 1" CW LINE UP TO UNIT ABOVE.
  - ELECTRICAL EQUIPMENT SHOWN FOR COORDINATION. DO NOT ROUTE PIPING ABOVE OR BELOW EQUIPMENT, AND MAINTAIN WORKING CLEARANCE SHOWN.
  - SEE OVERALL DOMESTIC WATER PLAN FOR CONTINUATION.
  - 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.
  - PROVIDE WATER SERVICE TO APARTMENT WITH SHUT-OFF VALVE CONCEALED IN WALL. PROVIDE ACCESS PANEL IN DWELLING UNIT AS REQUIRED.



**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

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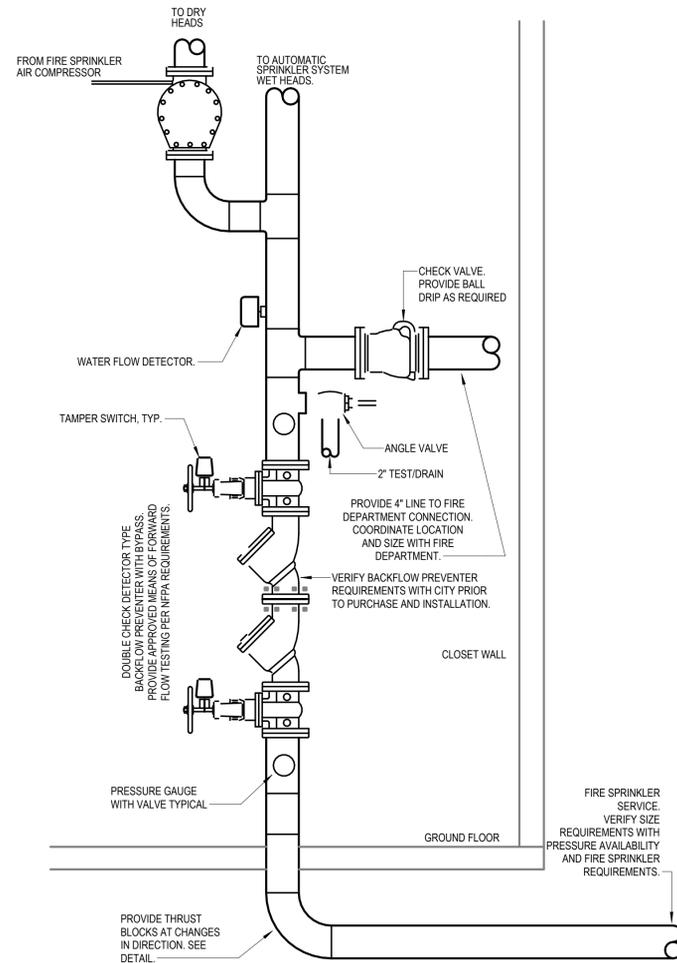
PB2.1

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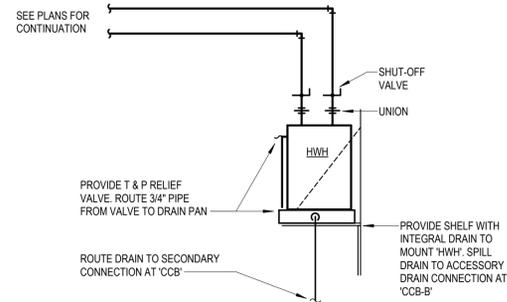
**PLUMBING FIXTURE SCHEDULE**

- GENERAL:**
- PROVIDE FIXTURES WITH ALL TRIM NECESSARY FOR COMPLETE INSTALLATION.
  - VENT SIZES ARE APPLICABLE ONLY FOR INDIVIDUAL FIXTURE VENTS WHERE ALTERNATE VENTING METHOD HAS NOT BEEN INDICATED ON PLANS.
  - PROVIDE 1/4 TURN STOP VALVES ON ALL HOT AND COLD WATER SUPPLY LINE CONNECTIONS FOR FIXTURES. SHOWER VALVES SHALL HAVE INTEGRAL STOP VALVES.
  - PROVIDE FLOOR DRAINS AND FLOOR SINKS WITH TRAP PRIMER OR TRAP PRIMER ALTERNATIVE EQUIVALENT TO PREVENT TRAP GUARD. PROVIDE AUTOMATIC TRAP PRIMER DEVICE WITH SINGLE OR MULTIPLE OUTLET PIPES AND ROUTE DRAINS TO PRIMER PORTS.
- NOTES:**
- 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.
  - PROVIDE DEARBORN SUPPLIES WITH STOPS AND EXCUTCHEON PLATE, 1-1/4" CAST BRASS P-TRAP.
  - INSULATE WATER AND WASTE PIPING BELOW SINK. UTILIZE INSULATION KIT EQUIVALENT TO LAVGUARD BY TRUEBRO. PROVIDE PLUMBEREX MODEL #3071WD-N WASTE DISPOSAL COVER.
  - PLUMBING FIXTURE SELECTED BY INTERIOR DESIGNER, ALL SUBSTITUTIONS SHALL BE APPROVED BY INTERIOR DESIGNER.

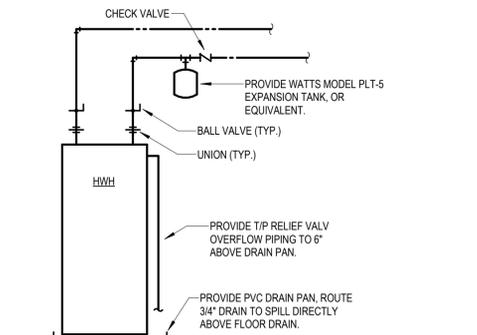
MARK	MANUFACTURER	MODEL	PRODUCT DESCRIPTION	TRIM	ROUGH-IN SIZES			COLD	HOT	ADA COMPLIANT	NOTES
					DRAIN	VENT	WATER				
BT-A	AQUIARIUS	S 6000 TS OT	REINFORCED FIBERGLASS TUB/SHOWER, 60"W X 33"D X 82"H, WITH INTEGRAL SOAP/TOILETRY SHELVES, AND GRAB BARS, FOLD UP SEAT AT END OF TUB, AND RIGHT OR LEFT HAND ROUGH-IN AS REQUIRED, WHITE FINISH.	DELTA MODEL R10000-UNWS/T13H252 SINGLE HANDLE PRESSURE-BALANCING VALVE WITH METAL TUB FILLER WITH PULL DIVERTER, 1.5 GPM HAND SHOWER WITH DOUBLE CHECK VALVES, FLEXIBLE HOSE, 24" STAINLESS STEEL SLIDE BAR AND POP-UP DRAIN WITH OVERFLOW.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1
BT-B	AQUIARIUS	G 6063 TS	REINFORCED FIBERGLASS TUB/SHOWER, 60"W X 35-3/4"D X 76-1/2"H, WITH INTEGRAL SOAP/TOILETRY SHELVES, RIGHT OR LEFT HAND ROUGH-IN AS REQUIRED, WHITE FINISH.	DELTA MODEL R10000-UNWS/T13H232 SINGLE HANDLE PRESSURE-BALANCING VALVE WITH METAL TUB FILLER WITH PULL DIVERTER, 1.5 GPM PUSH-CLEAN SHOWERHEAD AND POP-UP DRAIN WITH OVERFLOW.	2"	1 1/2"	1/2"	Yes	Yes	No	
CCB-A	SIoux CHIEF	696-2313	RECESSED WASHING MACHINE BOX WITH 2"PVC/ABS DRAIN COUPLING AND KNOCKOUT TEST CAP, TWO 1/4 TURN BALL VALVES WITH HAMMER ARRESTORS. PROVIDE WITH MANUFACTURERS SECONDARY DRAIN KIT TO ALLOW CONNECTION OF HOT WATER HEATER DRAIN PAN AT TOP OF BOX.		2"	1 1/2"	1/2"	Yes	Yes		
CCB-B	SIoux CHIEF	696-2313	RECESSED WASHING MACHINE BOX WITH 2"PVC/ABS DRAIN COUPLING AND KNOCKOUT TEST CAP, TWO 1/4 TURN BALL VALVES WITH HAMMER ARRESTORS.		2"	1 1/2"	1/2"	Yes	Yes		
2" FD-A	SIoux CHIEF	833	EPOXY COATED CAST IRON FLOOR DRAIN WITH REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER.	TRAP PROTECTION DEVICE EQUIVALENT TO PROSET TRAPGUARD	2"	2"					
2" FD-B	SIoux CHIEF	822	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY AND SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND DECK FLANGE.	TRAP PROTECTION DEVICE EQUIVALENT TO PROSET TRAPGUARD	2"	2"					
3" FS	SIoux CHIEF	861	12" SQUARE, 8" DEEP FLOOR SINK WITH WHITE PORCELAIN ENAMEL COATED INTERIOR, LOOSE SET PORCELAIN ENAMEL COATED CAST IRON GRATE, ALUMINUM DOME BOTTOM STRAINER.	TRAP PROTECTION DEVICE EQUIVALENT TO PROSET TRAP GUARD	3"	2"					
ICB	SIoux CHIEF	696-G1010	ICE MAKER CONNECTION BOX WITH 1/4 TURN BALL VALVE AND INTEGRAL HAMMER ARRESTOR.				1/2"	Yes	No		
KS	JUST	DLADA2233A-J	TWO COMPARTMENT 20 GA STAINLESS STEEL SINK, SELF RIMMING, (2) 12"x12"x6-3/8"D INSIDE, FULLY UNDERCOATED, FAUCET HOLES AS REQUIRED. IN-SINKERATOR, "BADGER 5" GARBAGE DISPOSAL, 1/2 HP 120V CORD AND PLUG CONNECTED.	DELTA MODEL 400-HDF SINGLE HANDLE KITCHEN SINK FAUCET WITH HOSE SPRAY ATTACHMENT, CHROME FINISH. PROVIDE BASKET STRAINER.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,4
LAV	AMERICAN STANDARD	0476.028	20"x17" SELF RIMMING LAVATORY, FAUCET HOLES ON 4" CENTERS, SINGLE HANDED 0.5 GPM FAUCET, PROVIDE WITH POP-UP DRAIN, AND FRONT OVERFLOW DRAIN.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. STAINLESS STEEL FINISH. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE IN PUBLIC RESTROOMS. PROVIDE GRID DRAIN.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,4
LAV-B	AMERICAN STANDARD	0476.028	SELF-RIMMING LAVATORY, WHITE VITREOUS CHINA, 20"W X 17", FAUCET HOLES ON 4" CENTERS.	DELTA MODEL 22C151 SINGLE HANDLE FAUCET. LEONARD MODEL TM-1 POINT OF USE MIXING VALVE. PROVIDE GRID DRAIN.	2"	1 1/2"	1/2"	Yes	Yes	Yes	1,2,3,4
WC-A	AMERICAN STANDARD	215AA.104	FLUSH TANK WATER CLOSET, WHITE VITREOUS CHINA, 3" FLUSH VALVE, 12" ROUGH-IN, ELONGATED 16-1/2" HIGH BOWL.	WHITE CLOSED FRONT SOFT CLOSE PLASTIC SEAT WITH COVER	4"	2"	1/2"	Yes	No	Yes	1,4
WC-B	AMERICAN STANDARD	215CA.104	FLUSH TANK WATER CLOSET, WHITE VITREOUS CHINA, 3" FLUSH VALVE, 12" ROUGH-IN, ELONGATED 15" HIGH BOWL.	WHITE CLOSED FRONT SOFT CLOSE PLASTIC SEAT WITH COVER	4"	2"	1/2"	Yes	No	No	4
WH	WOODFORD	B67	AUTOMATIC DRAINING FREEZELESS WALL INDRANT 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	



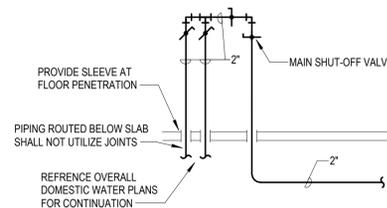
**1 FIRE PROTECTION RISER DIAGRAM**  
NO SCALE



**2 APARTMENT WATER HEATER DIAGRAM ON SHELF**  
NO SCALE



**3 APARTMENT WATER HEATER DIAGRAM**  
NO SCALE

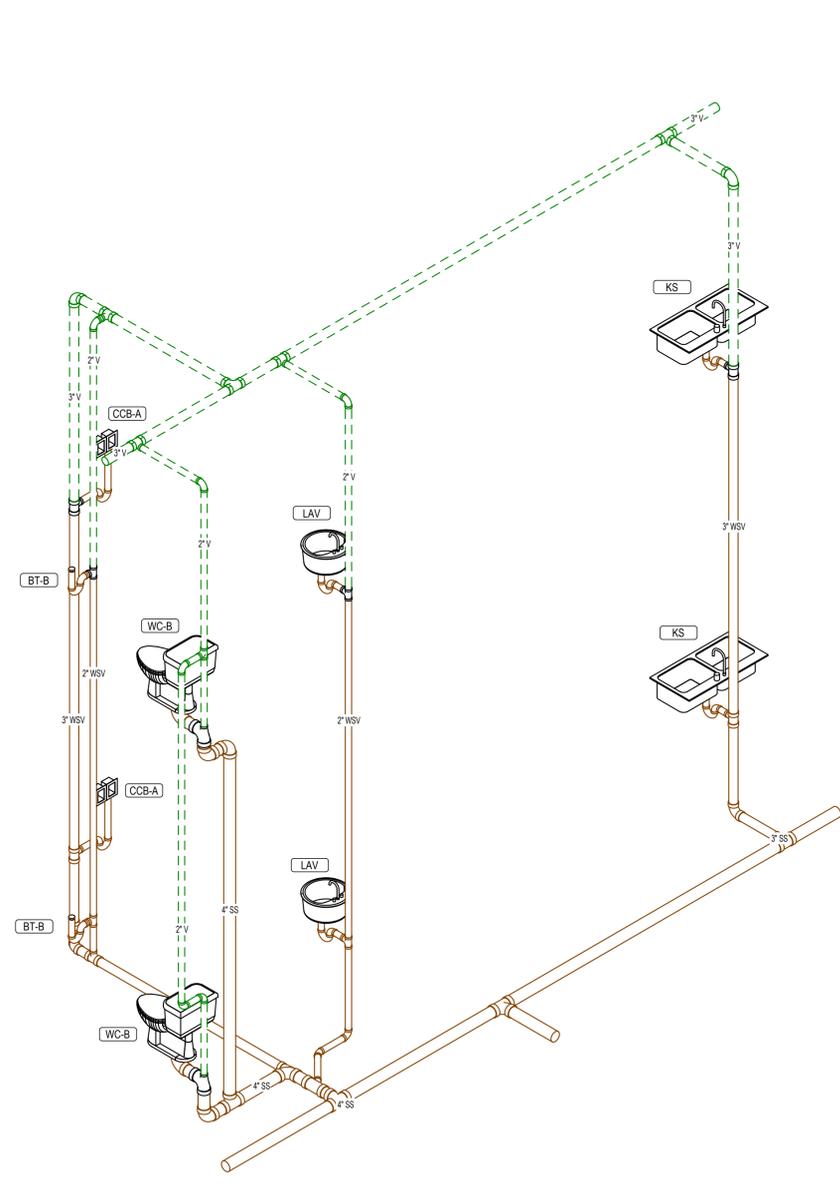


**4 DOMESTIC WATER RISER DIAGRAM**  
NO SCALE

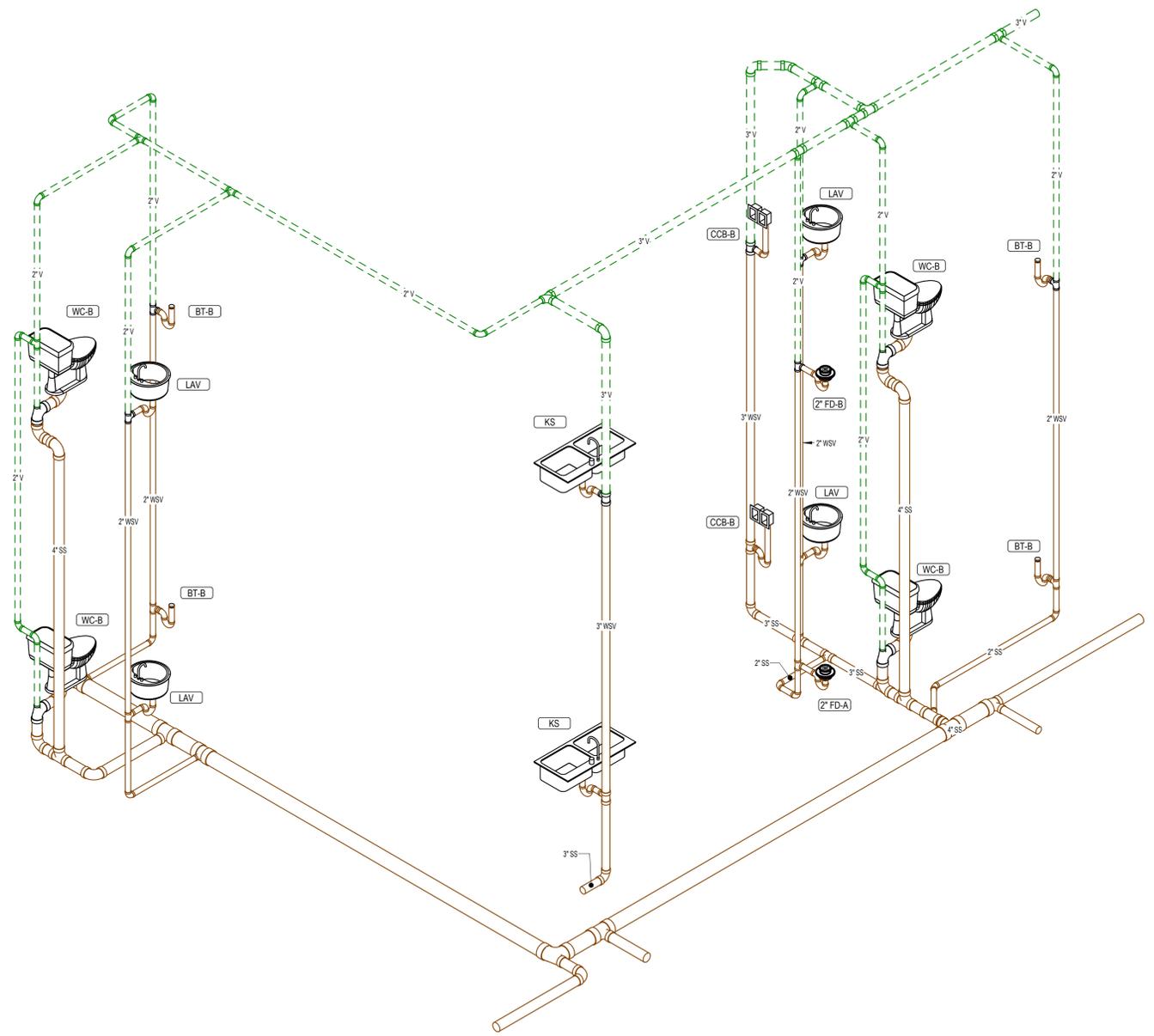


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- WASTE AND VENT RISER SHEET NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
  - SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.
  - WASTE STACK VENTS SHALL BE VERTICAL, AND BOTH HORIZONTAL AND VERTICAL OFFSETS SHALL BE PROHIBITED BETWEEN THE LOWEST FIXTURE DRAIN CONNECTION AND THE HIGHEST FIXTURE DRAIN CONNECTION.



**1 WASTE AND VENT RISER-2 BEDROOM**



**2 WASTE AND VENT RISER-3 BEDROOM**



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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.



**LST Consulting Engineers, PA**  
 MANHATTAN 4809 Vue Du Lac Place, Suite 201  
 Manhattan, KS 66503  
 785.587.8042  
 www.LSTengineers.com  
 mail@LSTengineers.com

WICHITA 125 S. Washington, Suite 150  
 Wichita, KS 67202  
 316.285.0696

Project 25038 02-16-2026

- DOMESTIC WATER RISER SHEET NOTES**
- SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET P86.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
  - SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.
  - PIPING FOR DWELLING UNITS ON 2ND FLOOR SHALL BE ROUTED BELOW THE FLOOR. DO NOT ROUTE DOMESTIC WATER PIPING IN THE ATTIC.

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PB9.2

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**JGR**  
 Jones Gillam Renz  
 730 N. Ninth  
 Salina, KS 67401  
 785.827.0386  
 jgr@jgarchitects.com