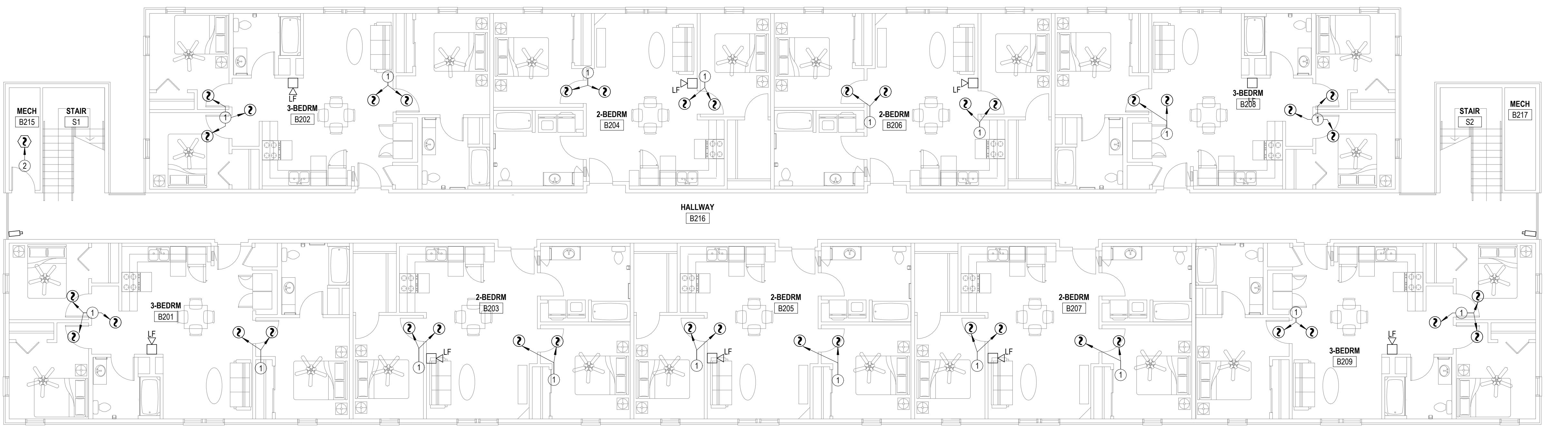


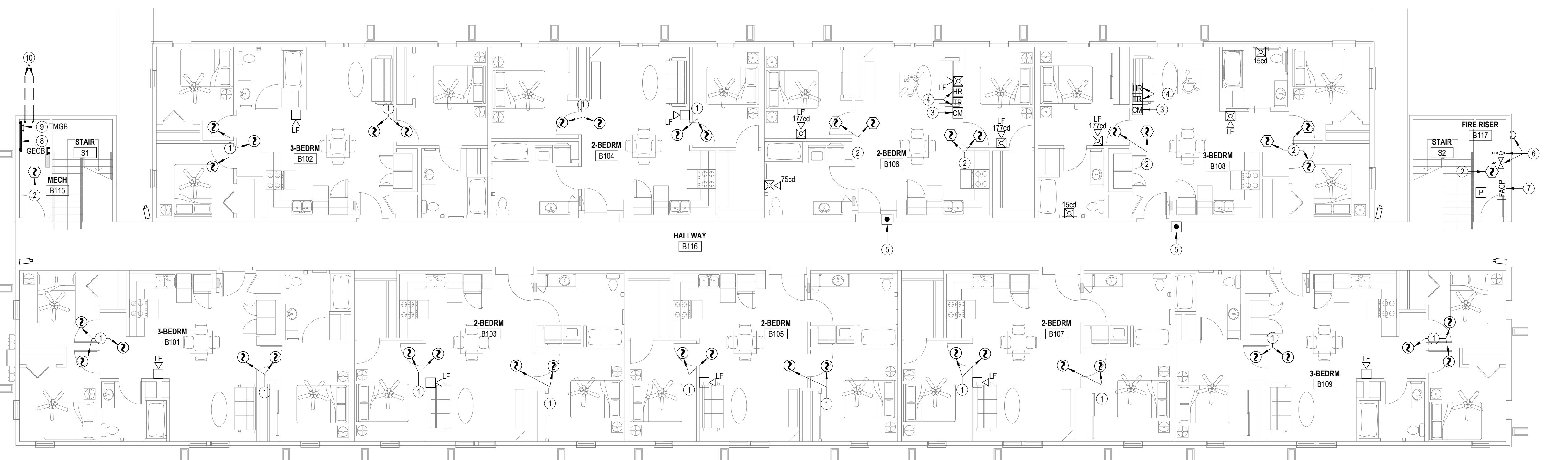
Electrical Abbreviations	
1P	1 Pole (2P, 3P, 4P, ETC.)
A, Amp	Ampere
AC	Above Counter
ACLG	Above Ceiling
ADO	Automatic Door Opener
AF	Angle
AFF	Above Finished Floor
AFG	Above Finished Grade
AFI	Are Fault Circuit
AHU	Air Handling Unit
AL	Aluminum
ALT	Alternate
AMP	Ampere
AMPL	Amplifier
ANNUN	Annunciator
APPROX	Approximately
AQ-STAT	Aquastat
ARCH	Architect, Architectural
AS	Amp Switch
AT	Amp Trip
ATS	Auto Transfer Switch
AUTO	Automatic
AUX	Auxiliary
AV	Audio Visual
AWG	American Wire Gauge
BATT	Battery
BD	Board
BLDG	Building
BMS	Building Management System
C	Conduit
CAB	Cabinet
CAT	Catalog
CATV	Cable Television
CB	Circuit Breaker
CCTV	Closed Circuit Television
CXT	Conduit
CLG	Ceiling
COMB	Combination
CMPR	Compressor
CONN	Connection
CONST	Construction
CONT	Continuation Or Continuous
CONTR	Contractor
CONV	Convector
CP	Circulating Pump
CRT	Cathode-Ray Tube
CT	Current Transformer
CTR	Center
CU	Copper
DCP	Domestic Water Circulating Pump
DEPT	Department
DET	Detail
DIA	Diameter
DISC	Disconnect
DIST	Distribution
DN	Down
DPR	Damper
DS	Safety Disconnect Switch
DT	Double Throw
DWG	Drawing
EC	Electrical Contractor
ELEC	Electric, Electrical
ELEV	Elevator
ELU	Emergency Lighting Unit
EM	Emergency
EMS	Emergency Management System
EMT	Electrical Metallic Tubing
EP	Electric Pneumatic
EQUIP	Equipment
EWC	Electric Water Cooler
EXIST	Existing
EXH	Exhaust
EXP	Explosion Proof
FA	Fire Alarm
FABP	Fire Alarm Booster Power
FACP	Fire Alarm Control Panel
FCU	Fan Coil Unit
FIXT	Fixture
FLR	Floor
FLUOR	Fluorescent
FUDS	Fuse
GA	Ground Safety Disconnect Switch
GAL	Gauge
GALV	Galvanized
GC	General Contractor
GEN	Generator
GFI	Ground Fault Circuit Interrupter
GFP	Ground Fault Protector
GND	Ground
GRS	Galvanized Rigid Steel (Conduit)
GYP BD	Gypsum Board
HOA	Hands-Off-Automatic Switch
HORIZ	Horizontal
HPP	High Power Factor
HT	Heater
HTG	Heating
HTR	Heater
HV	High Voltage
HVAC	Heating, Ventilating And Air Conditioning
IC	Intercutting Capacity
IG	Intermediate Ground
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
LOC	Location
LT	Light
LTG	Lighting
LTNG	Lightning
LV	Low Voltage
MAX	Maximum
MAG S	Magnetic Starter
M/C	Momentary Contact
MC	Mechanical Contractor

Electrical Symbol Legend	
Lighting Symbols	Power Symbols
	<img alt="Power symbols: wall, ceiling, floor, simplex receptacle, duplex receptacle, quadruplex receptacle, receptacle modifiers (height, device type, shading, tamperproof, GFI, weatherproof, cover, indicator, test switch, smoke detector, heat detector, carbon monoxide detector, beam detector, combination detector, duct smoke detector, door holder, power meter, safety switch, fused, addressable module, emergency power off, door closer, fire service phone, contactor, fire alarm control unit, supervisory or interface device, power device and equipment tags, pole/area lights, post-top area light, bollard light, exit/ELU combo, single-pole switch, two-pole switch, three-pole switch, switch modifiers (3-3-Way, 4-4-Way, 5-5-Way, 6-6-Way, 7-7-Way, 8-8-Way, 9-9-Way, 10-10-Way, 11-11-Way, 12-12-Way, 13-13-Way, 14-14-Way, 15-15-Way, 16-16-Way, 17-17-Way, 18-18-Way, 19-19-Way, 20-20-Way, 21-21-Way, 22-22-Way, 23-23-Way, 24-24-Way, 25-25-Way, 26-26-Way, 27-27-Way, 28-28-Way, 29-29-Way, 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2 SECOND FLOOR SPECIAL SYSTEMS PLAN - BUILDING B

1/8" = 1'-0"



1 FIRST FLOOR SPECIAL SYSTEMS PLAN - BUILDING B

1/8" = 1'-0"

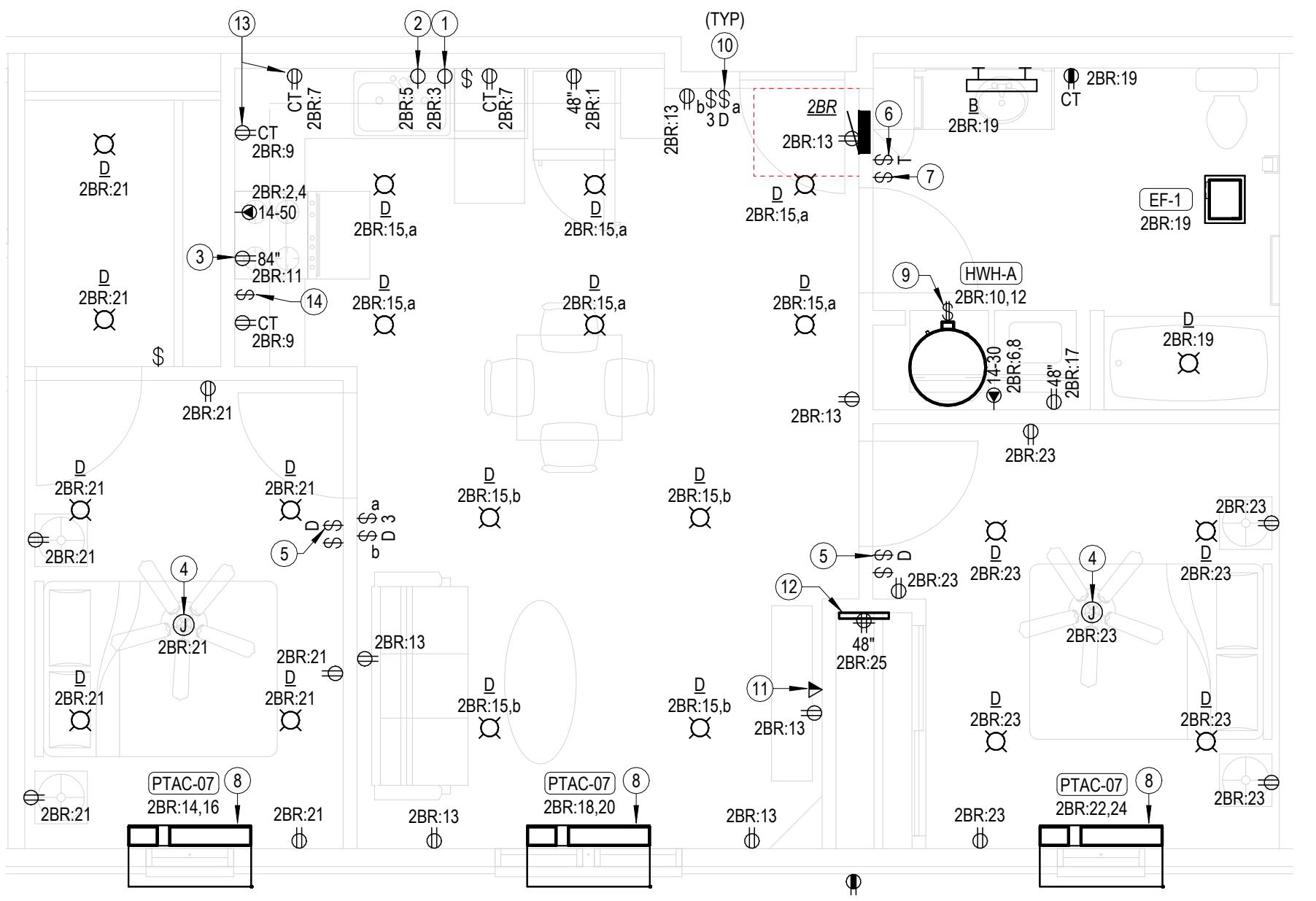
Breaker Function Schedule	
#	For any number, see panel schedule footer note
A	Arc-Fault Interrupter (AFCI) Protection
AR	Arc Energy Reduction Maintenance Switch
D	Demolished Circuit (now Spare or Space) (former circuit in brackets)
E	Existing-to-remain circuit
EM	Provide identification per NEC 700.12(i)(2)(4)
G	Ground-Fault Circuit Interrupter (GFCI) Protection (5 mA)
GA	Combination Arc-Fault Interrupter (AFCI) and Ground-Fault Circuit Interrupter, 5mA (GFCI Protection)
GE	Ground-Fault Protection for Equipment (30 mA)
GF	Adjustable Ground-Fault Protection for Equipment
H	Breaker hasp to prevent unintentional opening
L	Lockable open according to NEC 110.25
LSI	Long-Time, Short-Time, Instantaneous Adjustment
LSIG	Long-Time, Short-Time, Instantaneous and Ground-Fault Adjustments
N	New circuit (in existing panel, previously spare or space)
NB	New breaker to replace existing breaker or space (new trip rating shown)
NR	New circuit to replace existing circuit (former circuit in brackets)
R	Relocated circuit
S	Switch-rated per NEC 240.83(D)

Designation: 2BR	
Installed Location: 2 Bedroom Unit	Bus Amps: 150
Voltage: 120/208 1PH 3W-1Ph-3W	MCB Amps: MLO
Mounting: Flush	SCCR/AIC: -
Enclosure: NEMA 1	Features & Modifications: -
Ckt	Description
2BR.1	REFRIGERATOR
2BR.3	DISHWASHER
2BR.5	GARBAGE DISPOSAL
2BR.7	KITCHEN COUNTER RECEPTACLES
2BR.9	KITCHEN COUNTER RECEPTACLES
2BR.11	KITCHEN HOOD/MICROWAVE
2BR.13	LIVING AREA RECEPTACLES
2BR.15	LIVING/KITCHEN AREA LIGHTING
2BR.17	WASHING MACHINE
2BR.19	BATHROOM
2BR.21	BEDROOM #1
2BR.23	BEDROOM #2
2BR.25	DED. CLOSET IT ENCLOSURE
2BR.27	SPARE
2BR.29	SPARE

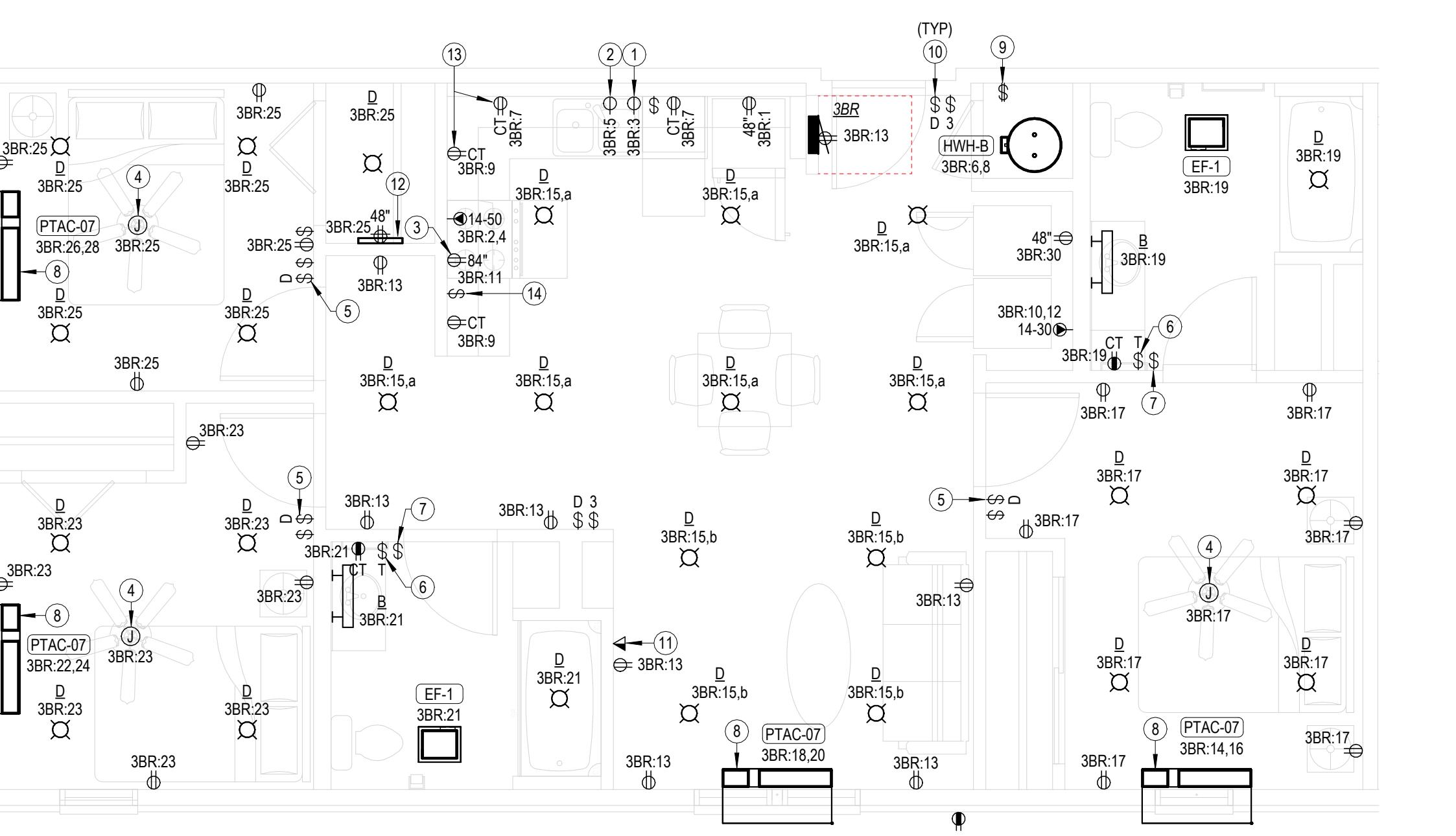
Notes:

Designation: 3BR	
Installed Location: 3 Bedroom Unit	Bus Amps: 150
Voltage: 120/208 1PH 3W-1Ph-3W	MCB Amps: MLO
Mounting: Flush	SCCR/AIC: -
Enclosure: NEMA 1	Features & Modifications: -
Ckt	Description
3BR.1	REFRIGERATOR
3BR.3	DISHWASHER
3BR.5	GARBAGE DISPOSAL
3BR.7	KITCHEN COUNTER RECEPTACLES
3BR.9	KITCHEN COUNTER RECEPTACLES
3BR.11	KITCHEN HOOD/MICROWAVE
3BR.13	LIVING AREA RECEPTACLES
3BR.15	LIVING AREA LIGHTING
3BR.17	BEDROOM #1
3BR.19	BATHROOM #1
3BR.21	BATHROOM #2
3BR.23	BEDROOM #2
3BR.25	BEDROOM #3
3BR.27	SURGE PROTECTION
3BR.29	WASHING MACHINE

Notes:



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



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

NOTES BY SYMBOL

- 1 PROVIDE RECEPTACLE BELOW COUNTER FOR CORD AND PLUG CONNECTION OF DISHWASHER. PROVIDE CORD AND GROUNDING PLUG AS REQUIRED.
- 2 SWITCHED RECEPTACLE BELOW COUNTER FOR GARBAGE DISPOSAL. COORDINATE EXACT LOCATION OF SWITCH WITH ARCHITECT.
- 3 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.
- 4 PROVIDE FAN EQUAL TO MINNA AIRE F626L-CL AND CEILING MOUNTED J-BOX FOR POWER TO CEILING FAN. COORDINATE EXACT FAN SPEC AND INSTALLATION REQUIREMENTS WITH ARCHITECT AND INTERIOR DESIGNER.
- 5 SLIDE DIMMER CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BEDROOM, AND THE OTHER SWITCH SHALL CONTROL THE CEILING FAN.
- 6 PROVIDE TIMER SWITCH EQUAL TO AIR CYCLER 'SMART' EXHAUST FOR CONTROL OF EXHAUST FAN. SEE SWITCH FOR MANUFACTURER'S INSTRUCTIONS TO OPERATE FAN AS INDICATED BELOW:
 EFFICIENCY: 10 MINUTES PER HOUR
 1 BEDROOM: 10 MINUTES PER HOUR
 2 BEDROOM: 25 MINUTES PER HOUR
- 7 SWITCH CLOSEST TO DOOR SHALL CONTROL ALL LIGHTS IN BATHROOM, AND THE OTHER SWITCH SHALL CONTROL THE EXHAUST FAN.
- 8 PROVIDE NEMA 5-15 RECEPTACLE FOR CORD AND PLUG CONNECTION OF PTAC. VERIFY RECEPTACLE CONFIGURATION WITH PTAC SUPPLIED BY MECHANICAL CONTRACTOR. INSTALL RECEPTACLE CONCEALED IN UNIT SUB-BASE.
- 9 PROVIDE 30A/2P SNAP SWITCH AND CONNECT WATER HEATER. INSTALL SWITCH ADJACENT TO WATER HEATER.
- 10 PROVIDE PRESET SLIDE DIMMER COMPATIBLE WITH ASSOCIATED LIGHT FIXTURES.
- 11 COORDINATE FINAL LOCATIONS OF ALL CATV AND PHONE OUTLETS WITH OWNER.
- 12 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. 12FT.
- 13 IN ACCESSIBLE UNITS, INSTALL COUNTERTOP RECEPTACLES A MINIMUM 36" AWAY FROM CORNER PER FAIR HOUZING 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.
- 14 PROVIDE SWITCH IN ACCESSIBLE UNITS FOR CONTROL OF RANGE HOOD.

LANDMARK 601

601. W. LEWIS

CONROE,

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

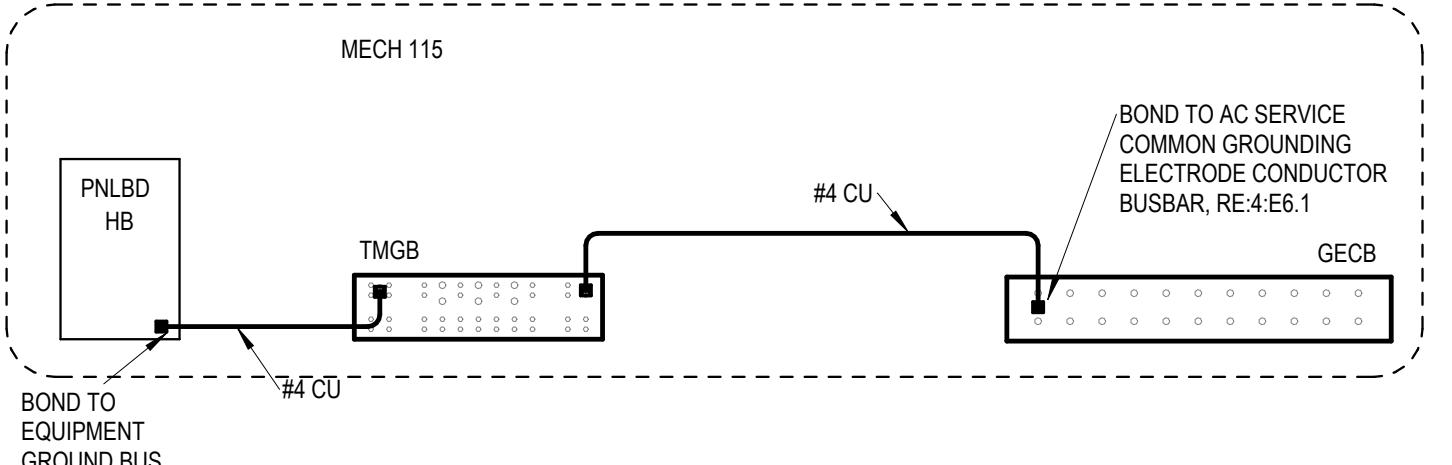
REVISIONS:

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

LIGHT FIXTURE SCHEDULE										
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: 1. PROVIDE FIXTURE WITH INTEGRAL EMERGENCY BATTERY AND CHARGER WITH SELF-DIAGNOSTIC/SELF-TESTING ELECTRONICS.										
2. FIXTURE SHALL BE CAPABLE OF WALL OR CEILING MOUNT APPLICATIONS AND SHALL HAVE BREAK-OUT DIRECTIONAL CHEVRONS.										
3. LIGHT FIXTURE SELECTED BY INTERIOR DESIGNER AND PROVIDED BY E.C. ALL SUBSTITUTIONS SHALL BE APPROVED BY INTERIOR DESIGNER.										
4. FIXTURE SHALL BE CAPABLE OF OPERATION IN TEMPERATURES RANGING FROM -4F THROUGH 104F.										
5. 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	SMX6RLFSFD2W	13 W	1200 lm	LED DRIVER, DIMMABLE	CEILING SURFACE	WHITE	6" DIA ROUND SURFACE MOUNT DOWNLIGHT WITH SELECTABLE LUMEN OUTPUT	--	
E2	LITHONIA	AFF OEL DWHGXD UVOLT LTP SDRT WT			--	SURFACE WALL	WHITE	EXTERIOR RATED TWO HEAD EMERGENCY LIGHT, 6" MAX SPACING	1,5	
F4	DAY-BRITE CFI	FS440L840-UNV-DIM	30 W	4077 lm	0-10V DIMMING TO 10%	SUSPENDED	WHITE	4" STANDARD STRIP WITH CURVED FROSTED ACRYLIC LENS	--	
WP2	GARDCO	GWM-110-740-T4M-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	LSX52RWE MSDT	5 W		--	CEILING	WHITE	UNIVERSAL SINGLE/DOUBLE FACE POLYCARBONATE EXIT SIGN	1,2	

NOTES:

1. 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" x 15-1/2", ERICO #TMGBA16L19PT
 - TGB1 - TGB5: 2" x 15-1/2", ERICO #TGBA16L08PT
2. ALL GROUNDING / BONDING CONDUCTORS SHALL BE #4 AWG INSULATED STRANDED COPPER. INSTALL IN 3/4" CONDUIT WHERE EXPOSED AND WHERE SUBJECT TO PHYSICAL DAMAGE.
3. ALL CONNECTIONS TO TELECOM GROUNDING BUSBARS SHALL BE MADE USING COMPRESSION TYPE LUGS (BURNDY 'YAL' SERIES OR EQUAL). MECHANICAL LUGS ARE NOT ACCEPTABLE.

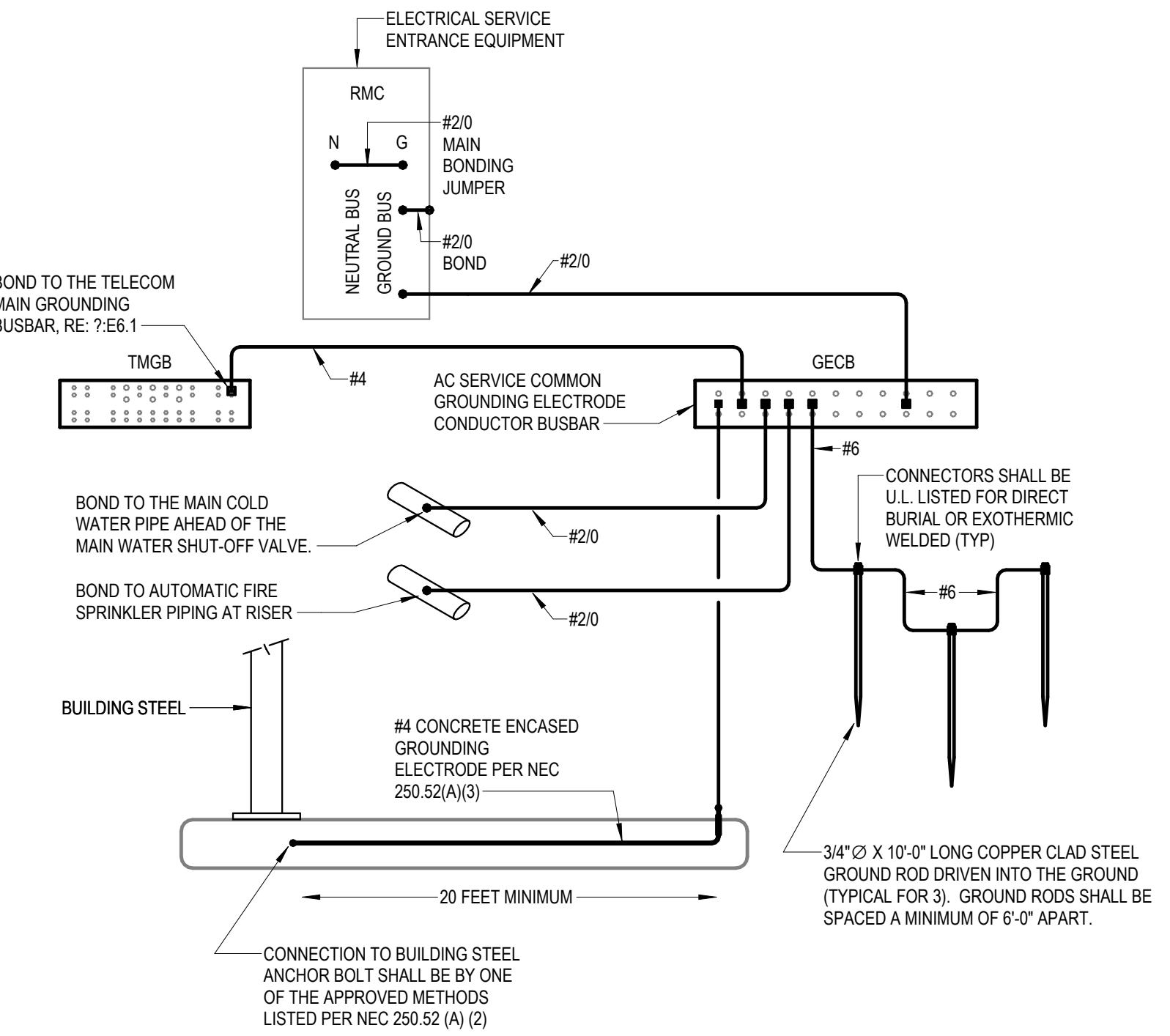


4 COMMUNICATIONS GROUNDING DETAIL - BUILDING B

NO SCALE

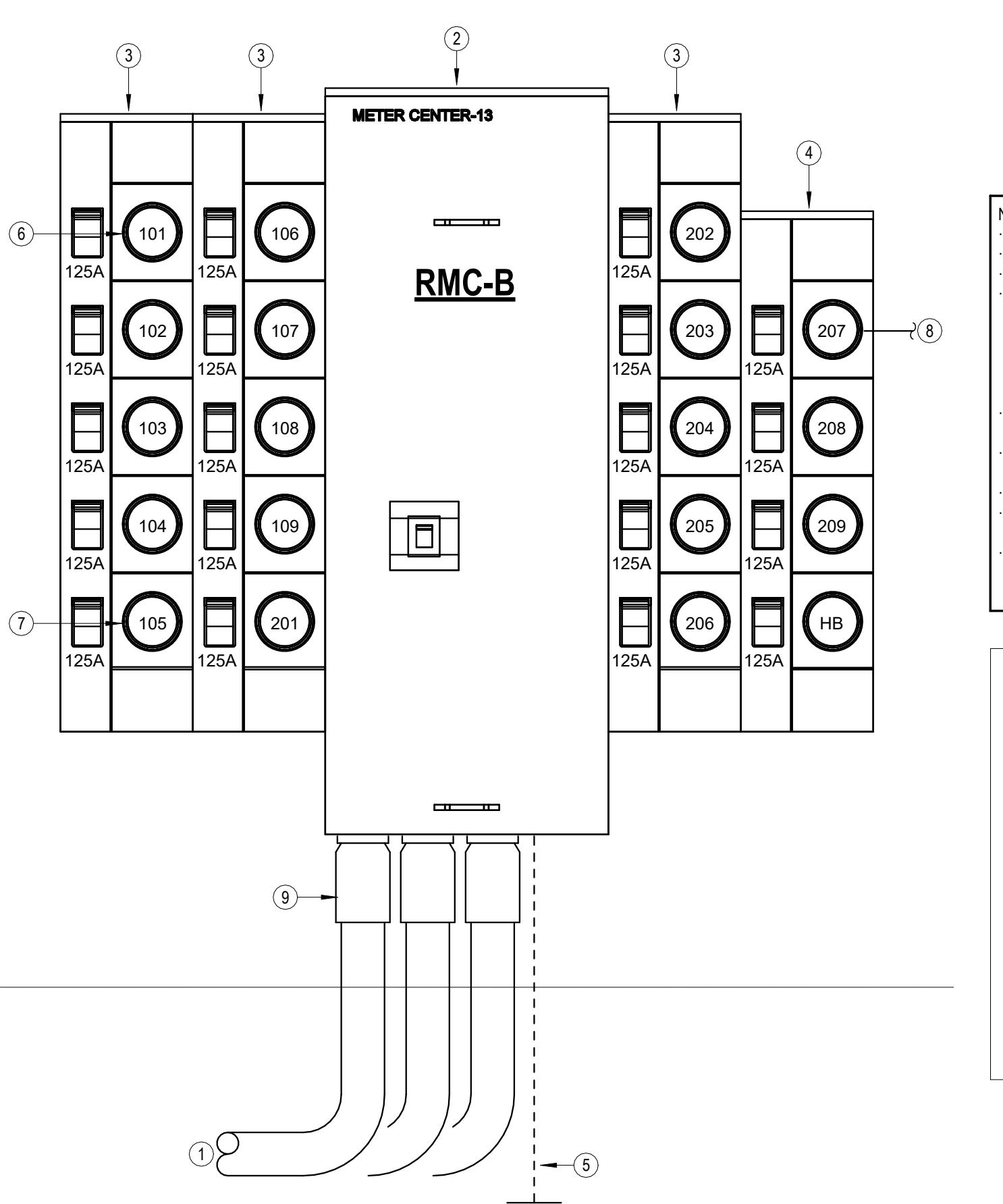
NOTES:

1. 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 #EGBA1442CCT OR EQUAL.
2. ALL CONNECTIONS TO GROUNDING BUSBAR SHALL BE MADE USING COMPRESSION TYPE LUGS (BURNDY "YAZ" SERIES OR EQUAL). MECHANICAL LUGS ARE NOT ACCEPTABLE.
3. INSTALL ALL GROUNDING ELECTRODE CONDUCTORS IN 3/4" CONDUIT WHERE EXPOSED AND WHERE SUBJECT TO PHYSICAL DAMAGE.
4. 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.

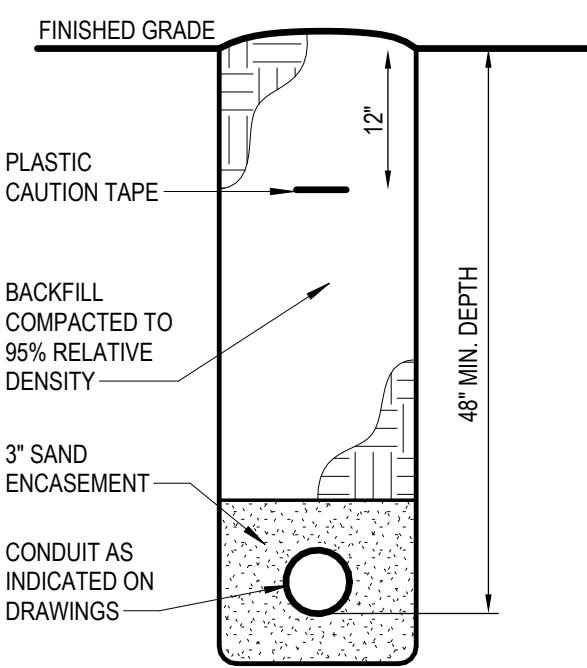


3 AC SERVICE GROUNDING DETAIL - BUILDING B

NO SCALE

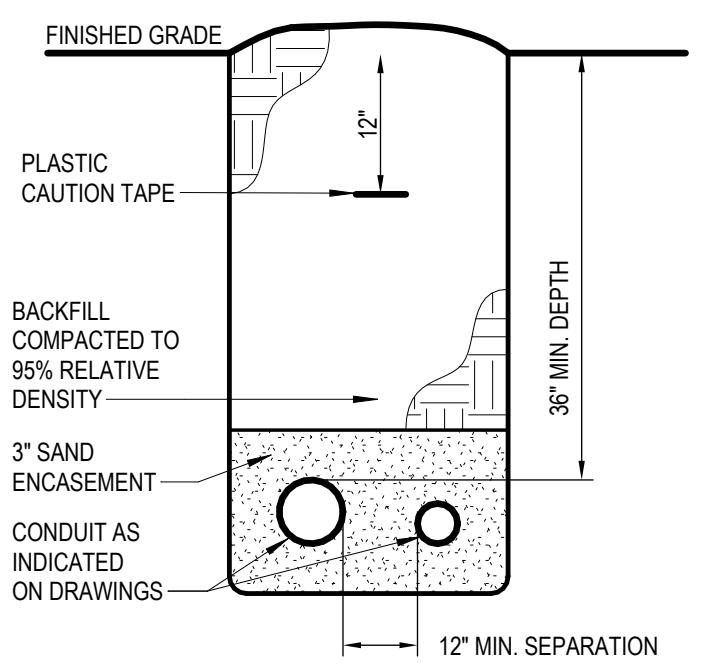


Panelboard: HB		Voltage: 208 V, 10, 3W		Mains Type: MLO							
Location: Supply: Calcs RMC-B		Bus Rating: 125 A		Mains Rating: 125 A							
Mounting: Flush		Neutral: 100%		Mains FN/Note: -							
Feed-Thru Lugs: No		Features &		Modifications: PROVIDE INTEGRAL SURGE PROTECTION							
Ckt Description Circuitry Trip (A) FN A KVA B KVA FN Trip (A) Circuitry Description Ckt											
HB:1	TIME CLOCK	3/4" C, #8, #8N, #10G	40	0	0.36		20	1/2" C, #12, #12N, #12G	FIRE SPRINKLER FLOW SWITCHES	HB:2	
HB:3	ELECTRIC WALL HEATER EWH-1"	3/4" C, #16, #6N, #6G	20		1.5	0.36	20	1/2" C, #12, #12N, #12G	TELECOMM RECEPTACLE	HB:4	
HB:5	BREEZWAY LIGHTING - 2ND	1/2" C, #12, #12N, #12G	20	0.38	0.36		20	1/2" C, #12, #12N, #12G	TELECOMM RECEPTACLE	HB:6	
HB:7	FACP	1/2" C, #12, #12N, #12G	20			0.36	10.08	1/2" C, #10, #10N, #10G	EXTERIOR RECEPTACLES - SOUTH	HB:8	
HB:9	BREEZWAY LIGHTING - 1ST	1/2" C, #12, #12N, #12G	20	0.45	1.08		20	1/2" C, #12, #12N, #12G	EXTERIOR RECEPTACLES - NORTH	HB:10	
HB:11	"PTAC-07" - MECH B115	1/2" C, #24, #12, #12G	20	0.98	1.08		20	1/2" C, #10, #10N, #10G	BREEZWAY RECEPTACLES - 1ST	HB:12	
HB:13								1/2" C, #1#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	1/2" C, #8, #8, #10G	EV Charger	HB:16	
HB:17	SPARE	--	20	0	3.12		--	--	SPACE	HB:18	
HB:19	SPARE	--	20		0	--	--	--	SPACE	HB:20	
HB:21	SPARE	--	20	0	--		--	--	SPACE	HB:22	
HB:23	SPACE	--	--			--	--	--	SPACE	HB:24	
Connected...		8 kVA	9 kVA								
Connected...		77 A	85 A								
Load Classification		Connected	Factor	Demand							
EV Charger	6240 VA	125.00%		7800 VA							
Electric Heat	3460 VA	125.00%		4325 VA							
Lighting - Interior	1267 VA	125.00%		1583 VA							
Other	720 VA	100.00%		720 VA							
Receptacle - General	5220 VA	100.00%		5220 VA							



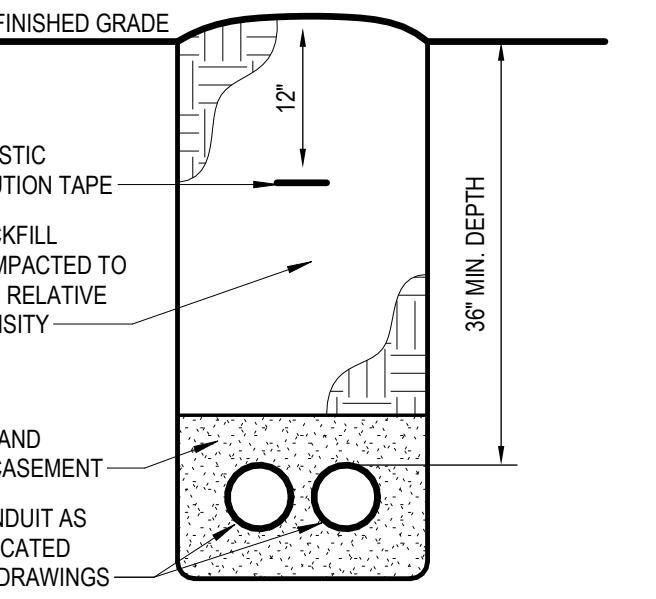
3 CONDUIT TRENCH SECTION (PRIMARY)

NO SCALE

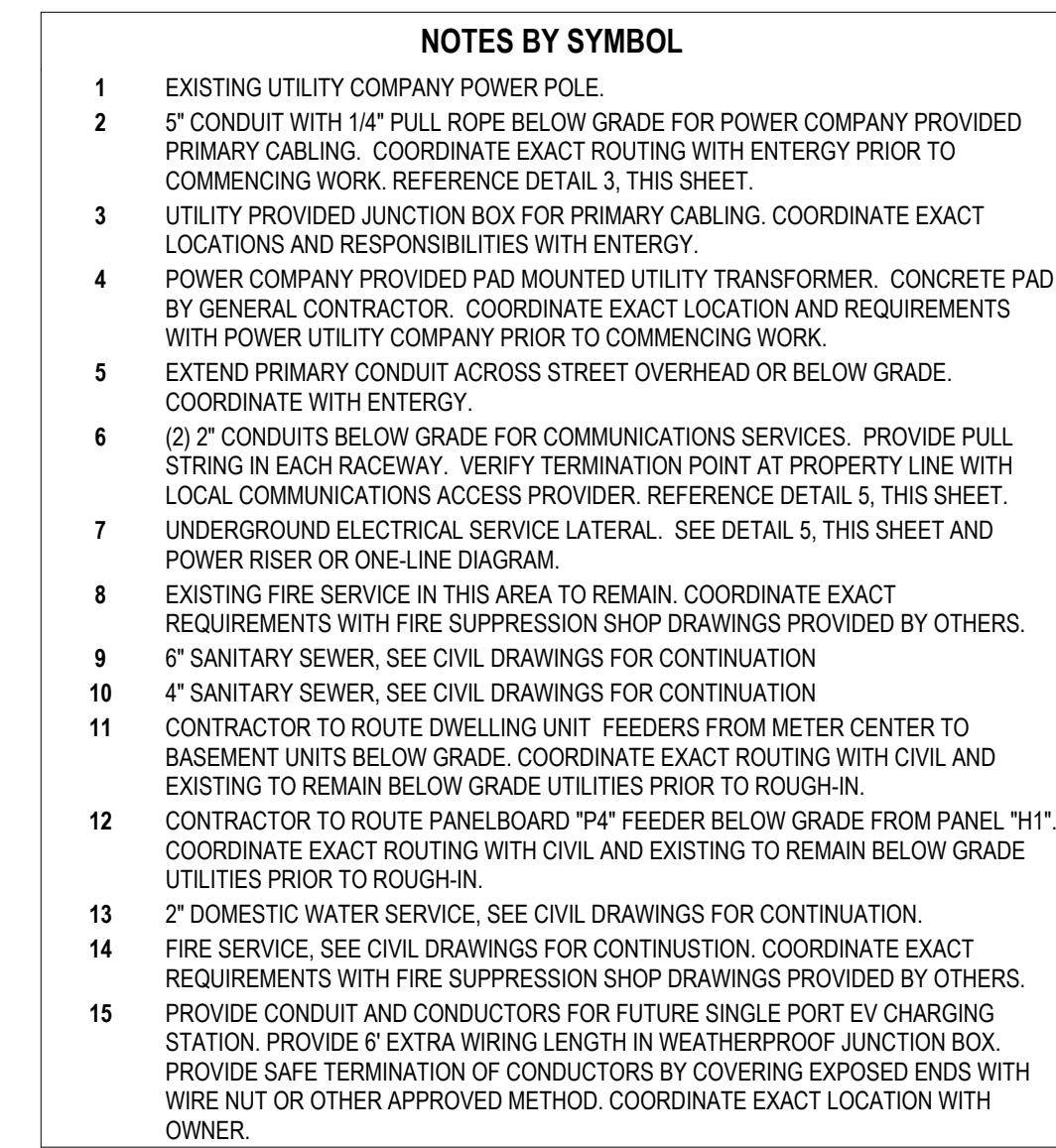


4 CONDUIT TRENCH SECTION (TELECOM)

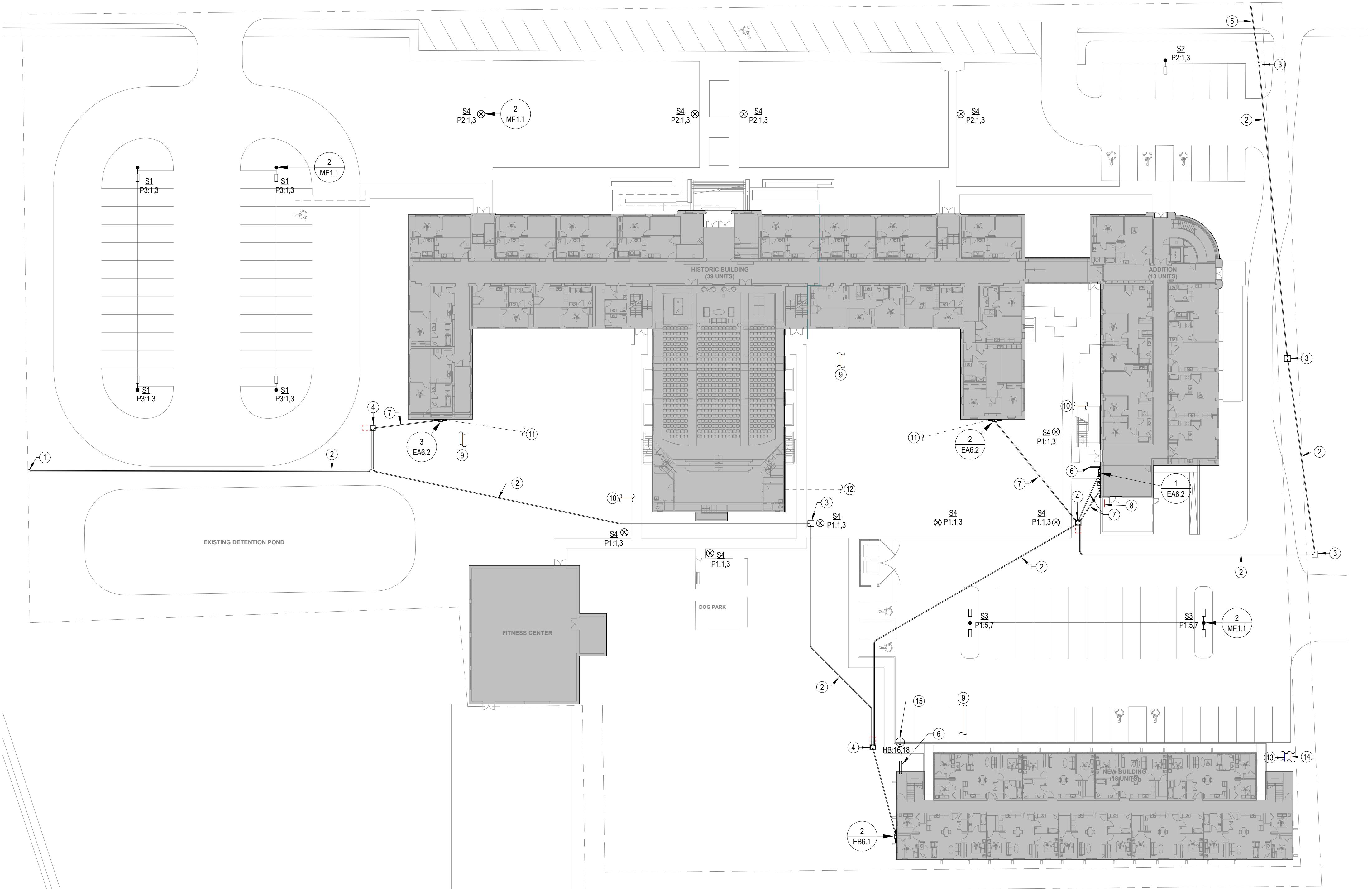
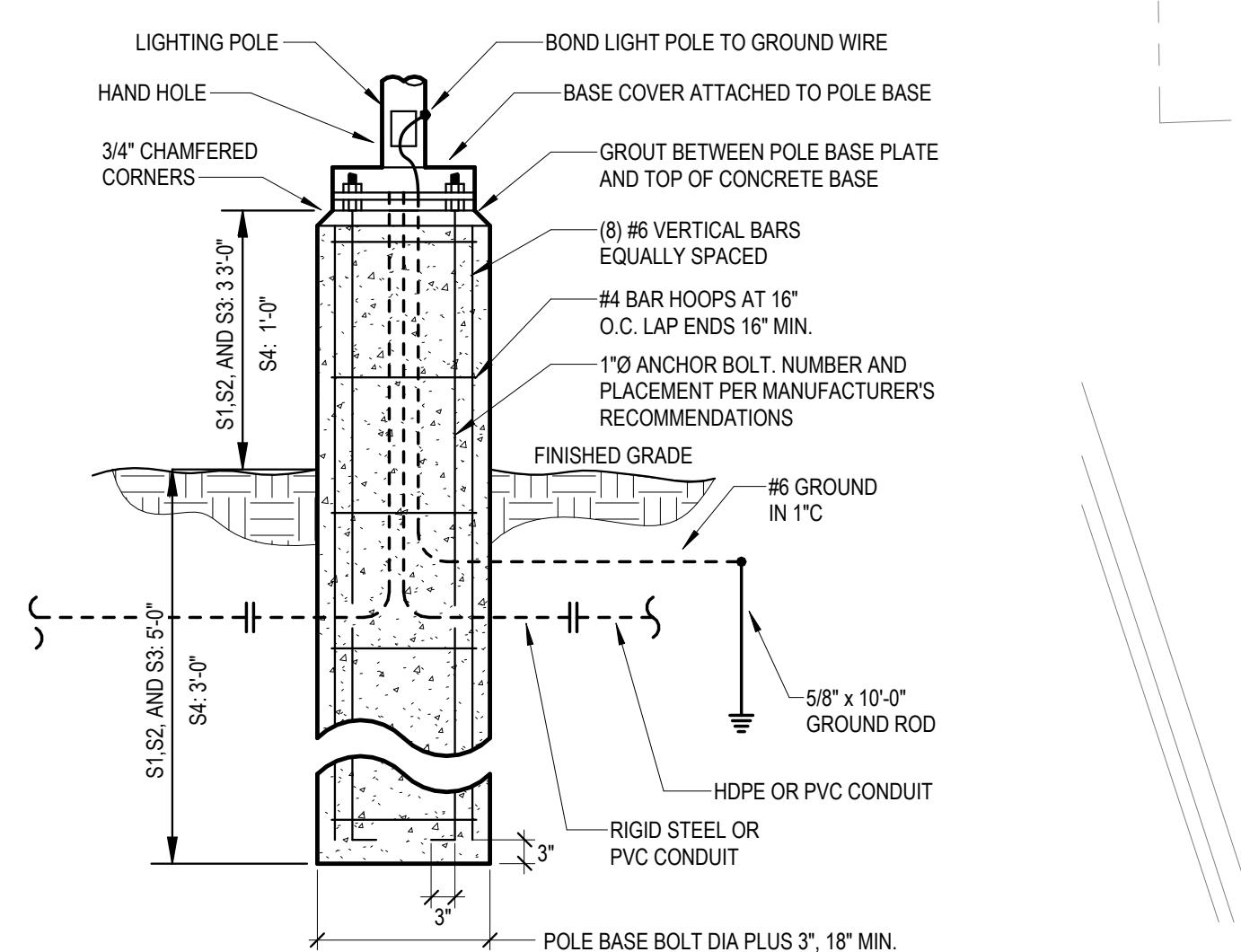
NO SCALE



CONDUIT TRENCH SECTION (SERVICE LATERAL)



2 LIGHT POLE BASE DETAIL





1 MECHANICAL/ELECTRICAL SITE PLAN

1" = 30'-0"

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

GENERAL PLUMBING DEMOLITION NOTES

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

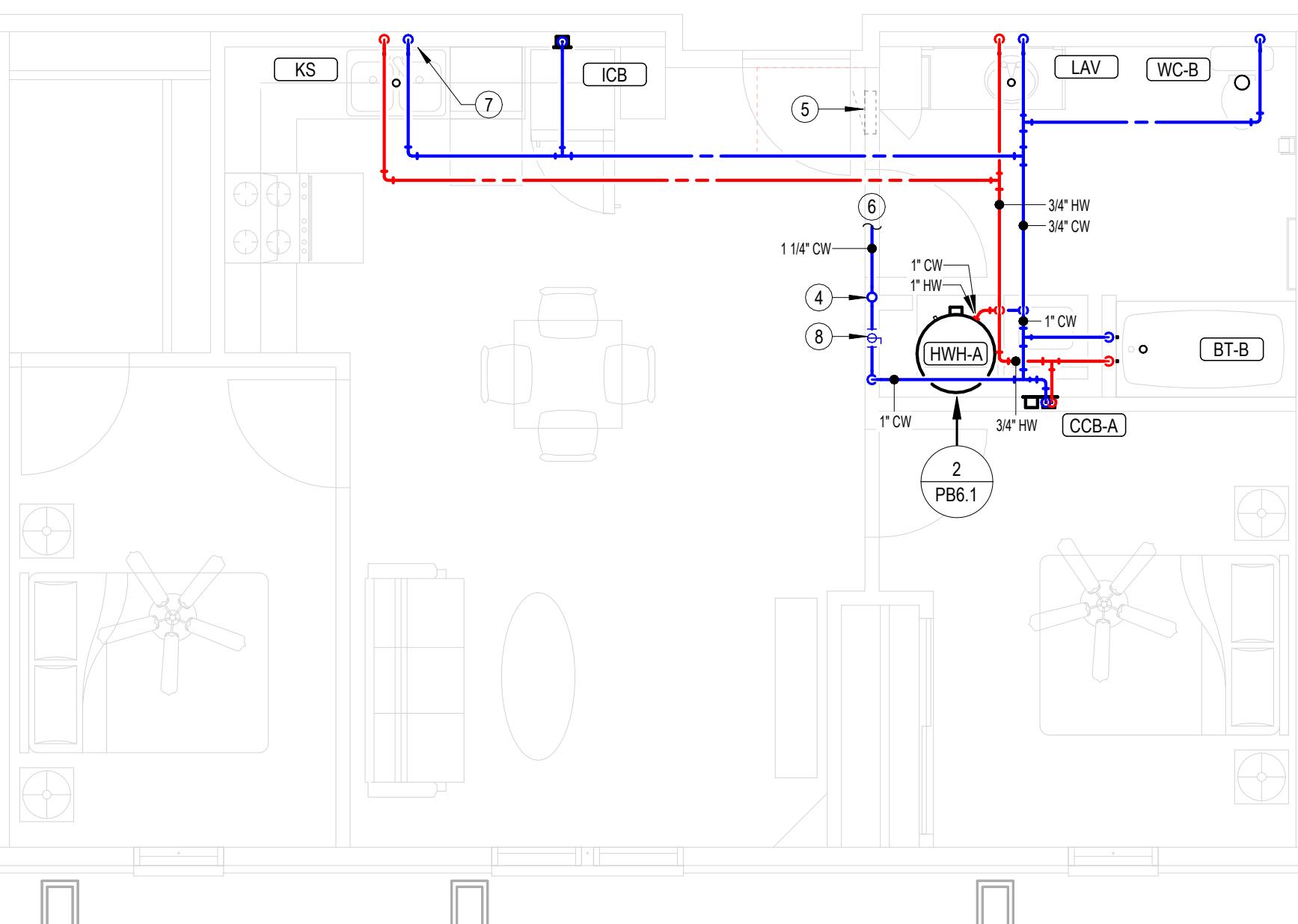
General Plan Symbols		Plumbing Symbols	
	Plan Revision Number		Nominal Pipe Size
	Detail Number on Sheet		Above Ground Piping
	Sheet Number Where Detail is Placed		Below Ground Piping
	Keynote Symbol		Pipe Slope (When Applicable)
	Continuation Symbol		Existing Pipe to Remain
	Point Where New Connects To Existing		Pipe to Be Demolished
	Room Name / Number		Domestic Cold Water
507			Non-Potable Water
			Soft Cold Water
			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
			Indred Drain
			Grease Waste
			Grease Vent
			Pump Discharge
			Storm Drain
			Storm Overflow
			Compressed Air
			Natural Gas
			Liquid Propane
			Pipe Rise / Drop
Abbreviations		Pipe Accessory Notes	
Ø	ROUND		Cleanout
ABV	ABOVE		Check Valve
AC	AIR CONDITIONING		Balancing Valve
AD	AREA DRAIN		Circuit Setter
ADD	ADDENDUM		Gate Valve
AFF	ABOVE FINISHED FLOOR		Ball Valve
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY		Fluid Strainer
ALT	ALTERNATE		Emergency Gas Shutoff
AP	ACCESS PANEL		Plug Valve
ARCH	ARCHITECT/ARCHITECTURAL		Gas Shutoff Cock
BFT	BELLOW FINISHED FLOOR		Gas Regulator
BLT	BELOW		Thermostatic Valve
BTU	BRITISH THERMAL UNITS		Mixing Valve
BTUh	BRITISH THERMAL UNITS PER HOUR		Emergency Mixer
CA	CAPACITY		Pressure Reducing Valve
CB	CATCH BASIN		Water Meter
CRM	CUBIC FEET PER MINUTE		Double Check Valve
CLG	CEILING		Reduced Pressure Zone
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	ELECTRIC POWER		
EQUIP	EQUIPMENT		
EVAC	ELECTRIC WATER COOLER		
EWT	ENTERING WATER TEMPERATURE		
E/A	EXHAUST AIR		
EXIST	EXISTING		
F	DEGREES FAHRENHEIT		
FOO	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	FOOTFEET		
FTR	FIN TUBE RADIATION		
CAL	GALLON		
GF	GAS FIRED		
GC	GENERAL CONTRACTOR		
GPM	GALLONS PER MINUTE		
GW	GREASE WASTE		
HB	HOB BIB		
HP	HORSE POWER		
Htg	HEATING		
HTR	HEATER		
HW	HOT WATER		
HYD	HYDRANT		
ID	INDIRECT		
IN	IN		
INV	INVERT		
LB	POUND		
LBRH	POUNDS PER HOUR		
LAT	LEAVING AIR TEMPERATURE		
LP	LOW PRESSURE		
LPG	LIQUEFIED PETROLEUM GAS		
Equipment Abbreviations		Plumbing Fixture Notes	
AC	AIR CONDITIONING UNIT		Design Size
ACCU	AIR COOLING CONDENSING UNIT		Identity Type
AHU	AIR HANDLING UNIT		Drainage Fixture Units
AS	AIR SEPARATOR		Floor Drain w/ Deep Seal Trap
B	BOILER		Floor Drain w/ Trap Primer *P* Indicates Primer Connection
CH	CHILLER		Floor Drain w/ Integral Cleanout
CT	COOLING TOWER		Area Drain (No Trap)
CUH	CABINET UNIT HEATER		Deck Drain
CHWP	CHILLED WATER PUMP		Hub Drain (Funnel Type)
DBP	DOMESTIC WATER BOOSTER PUMP		Floor Sink
DC	DUCT MOUNTED COIL		Roof Drain
DCP	DOMESTIC WATER CIRCULATING PUMP		Combination Drain Rainfall Surface Area
EF	EXHAUST FAN		
EDC	ELECTRIC DUCT COIL		
WH	WATER HEATER		
* NOTE *			
ALL OF GENERAL NOTES ON THIS SHEET ARE TO BE APPLIED TO ALL OTHER DRAWINGS IN THIS SET. THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS.			

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 RROUTE 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.

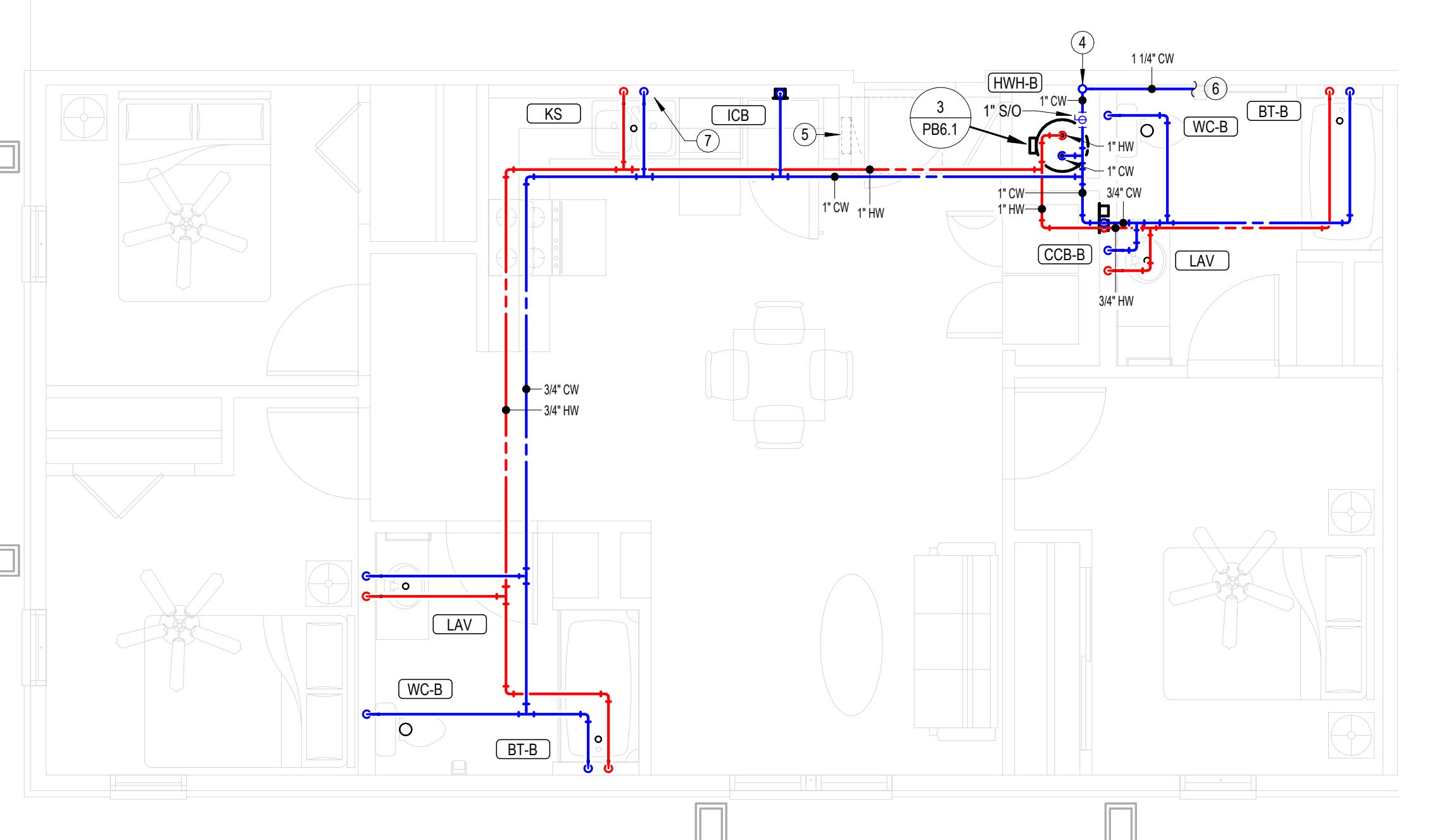
NOTES BY SYMBOL

- 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.



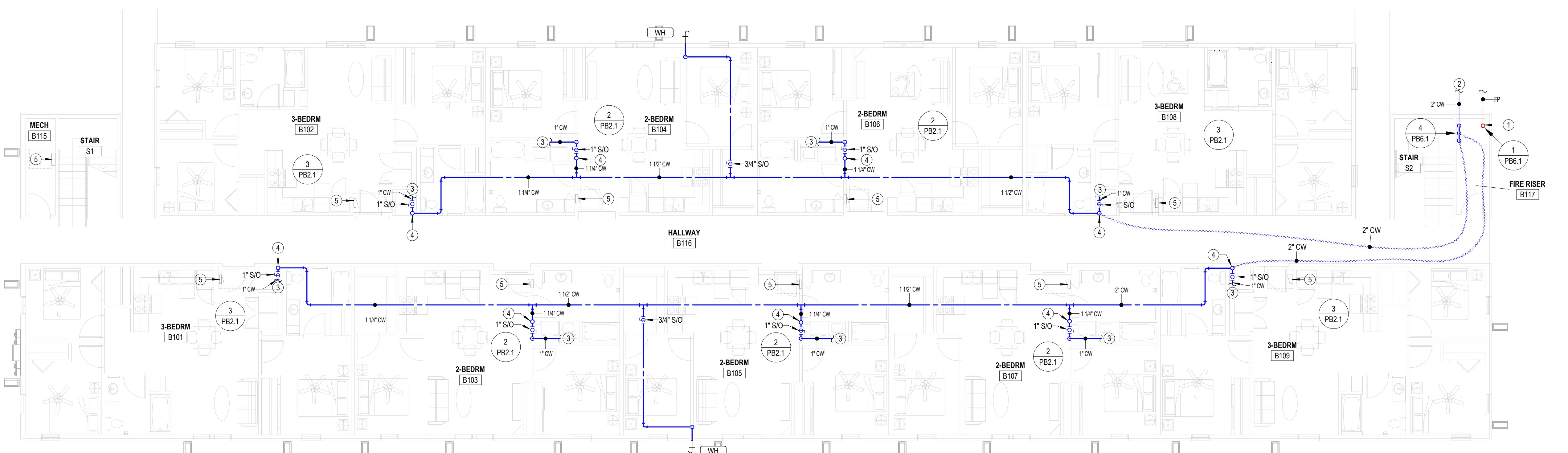
2 ENLARGED DOMESTIC WATER PLAN-2 BEDROOM

1/4" = 1'-0"

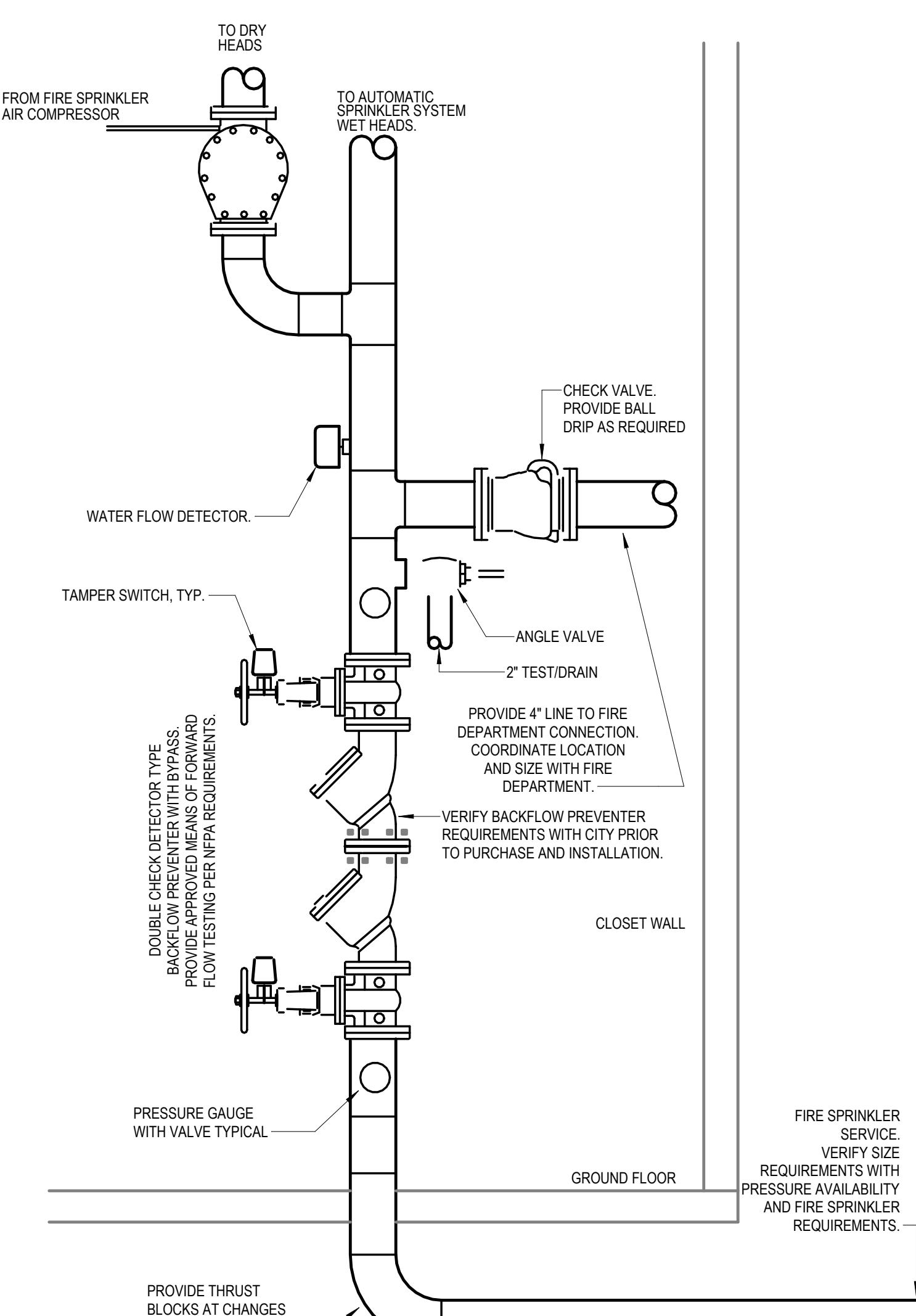


3 ENLARGED DOMESTIC WATER PLAN-3 BEDROOM

1/4" = 1'-0"



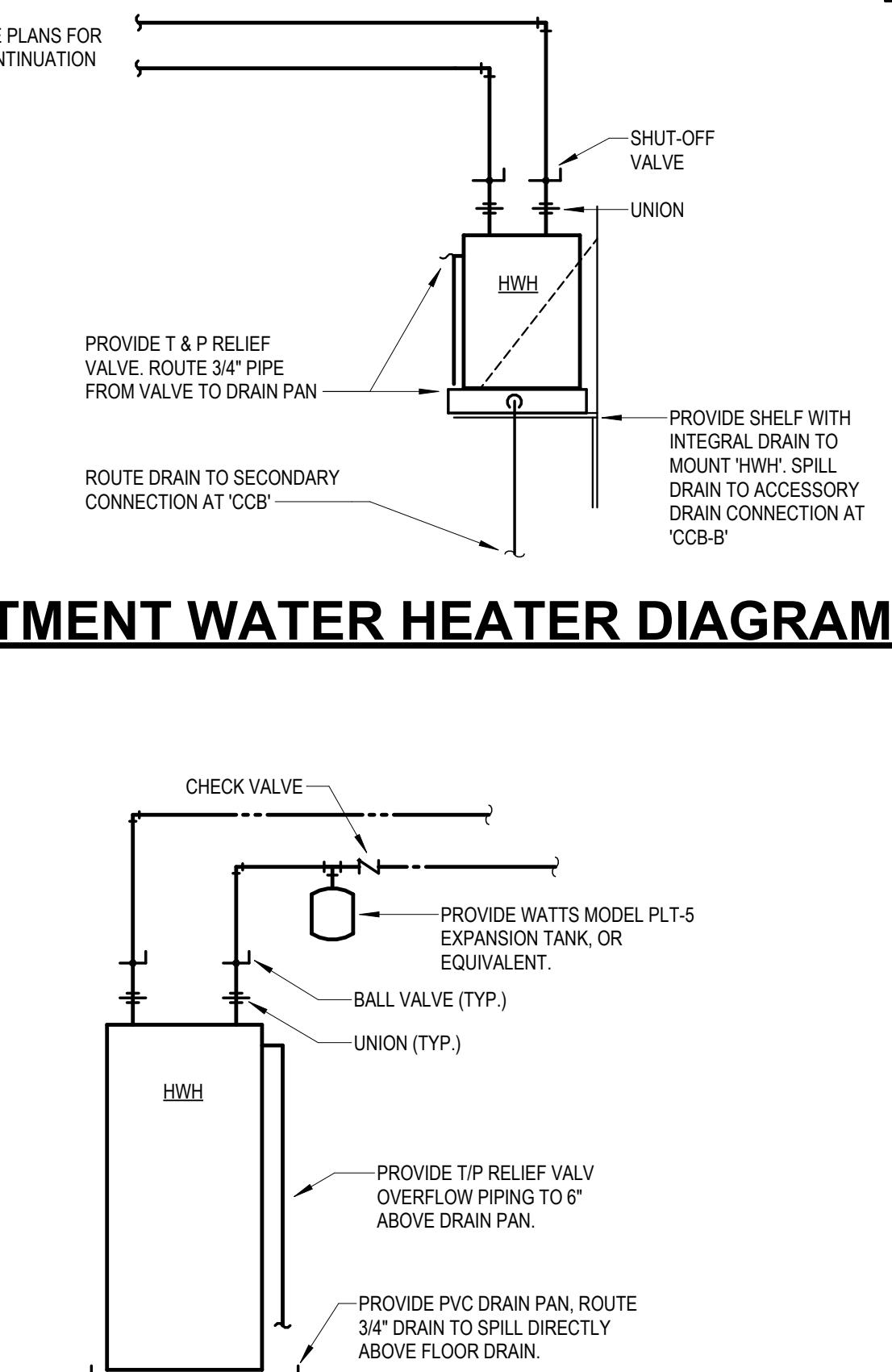
PLUMBING FIXTURE SCHEDULE												
GENERAL:			NOTES:									
<ul style="list-style-type: none"> • PROVIDE FIXTURES WITH ALL TRIM NECESSARY FOR COMPLETE INSTALLATION. • VENT SIZES ARE APPLICABLE ONLY FOR INDIVIDUAL FIXTURE VENTS WHERE ALTERNATE VENTING METHOD HAS NOT BEEN INDICATED ON PLANS. • PROVIDE 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 PROVENT TRAP GUARD. PROVIDE AUTOMATIC TRAP PRIMER DEVICE WITH SINGLE OR MULTIPLE OUTLET PIPES AND ROUTE DRAINS TO PRIMER PORTS. 							1. IN AREAS OPEN TO THE PUBLIC, FIXTURE AND INSTALLATION TO MEET REQUIREMENTS OF AMERICANS WITH DISABILITIES ACT. IN APARTMENTS, FIXTURE AND INSTALLATION TO MEET REQUIREMENTS OF THE FAIR HOUSING ACT.					
<ul style="list-style-type: none"> 2. PROVIDE DEARBORN SUPPLIES WITH STOPS AND EXCUTCHEON PLATE, 1-1/4" CAST BRASS P-TRAP. 3. INSULATE WATER AND WASTE PIPING BELOW SINK. UTILIZE INSULATION KIT EQUIVALENT TO LAVGUARD BY TRUEBRO. PROVIDE PLUMBEREX MODEL #3071WD-N WASTE DISPOSAL COVER. 4. PLUMBING FIXTURE SELECTED BY INTERIOR DESIGNER, ALL SUBSTITUTIONS SHALL BE APPROVED BY INTERIOR DESIGNER. 							2. PROVIDE DEARBORN SUPPLIES WITH STOPS AND EXCUTCHEON PLATE, 1-1/4" CAST BRASS P-TRAP.					
							3. INSULATE WATER AND WASTE PIPING BELOW SINK. UTILIZE INSULATION KIT EQUIVALENT TO LAVGUARD BY TRUEBRO. PROVIDE PLUMBEREX MODEL #3071WD-N WASTE DISPOSAL COVER.					
							4. PLUMBING FIXTURE SELECTED BY INTERIOR DESIGNER, ALL SUBSTITUTIONS SHALL BE APPROVED BY INTERIOR DESIGNER.					
MARK	MANUFACTURER	MODEL	PRODUCT DESCRIPTION	TRIM	ROUGH-IN SIZES	DRAIN	VENT	WATER	COLD	HOT	ADA COMPLIANT	NOTES
BT-A	AQUARIUS	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-UWWS/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	AQUARIUS	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-UWWS/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/CABS DRAIN COUPLING AND KNOCKOUT TEST CAP, TWO 1/4 TURN BALL VALVES WITH HAMMER ARRESTORS. PROVIDE WITH MANUFACTURER'S 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/CABS 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	DLADA223A-J	TWO COMPARTMENT 20 GA STAINLESS STEEL SINK, SELF RIMMING, (2) 12" X 12" X 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" X 17" SELF RIMMING LAVATORY, FAUCET HOLES ON 4" CENTERS, SINGLE HANDLED 0.5 GPM FAUCET, PROVIDE WITH POP-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" 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 HYDRANT WITH ASSE 1052 DOUBLE CHECK BACKFLOW PREVENTOR, LOOSE TEE KEY HANDLE, WITH RECESSED BOX WITH DOOR, PROVIDE WITH CHROME PLATED EXTERIOR FINISH.			3/4"	Yes	No	No			



2

APARTMENT WATER HEATER DIAGRAM ON SHELF

NO SCALE



3

APARTMENT WATER HEATER DIAGRAM

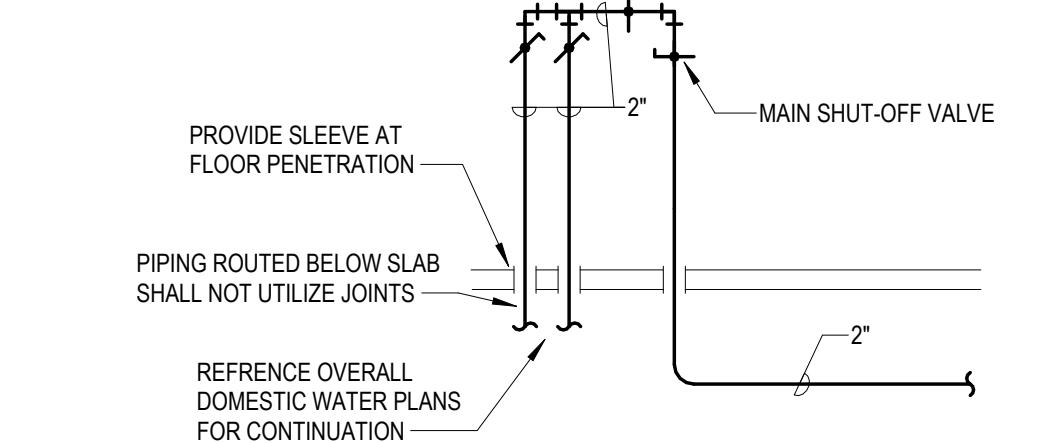
NO SCALE

NO SCALE

4

DOMESTIC WATER RISER DIAGRAM

NO SCALE



LANDMARK 601

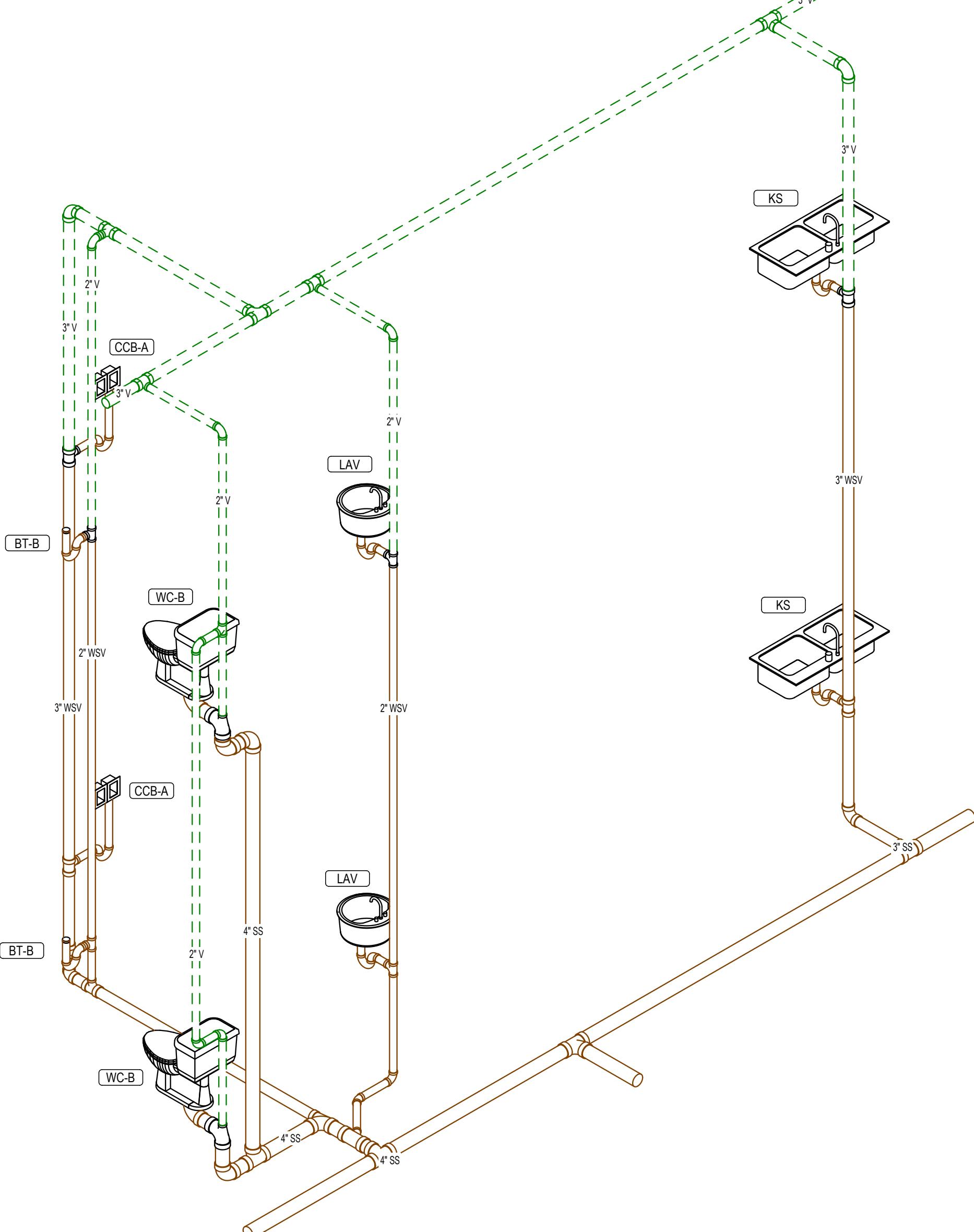
601. W. LEWIS

CONROE,

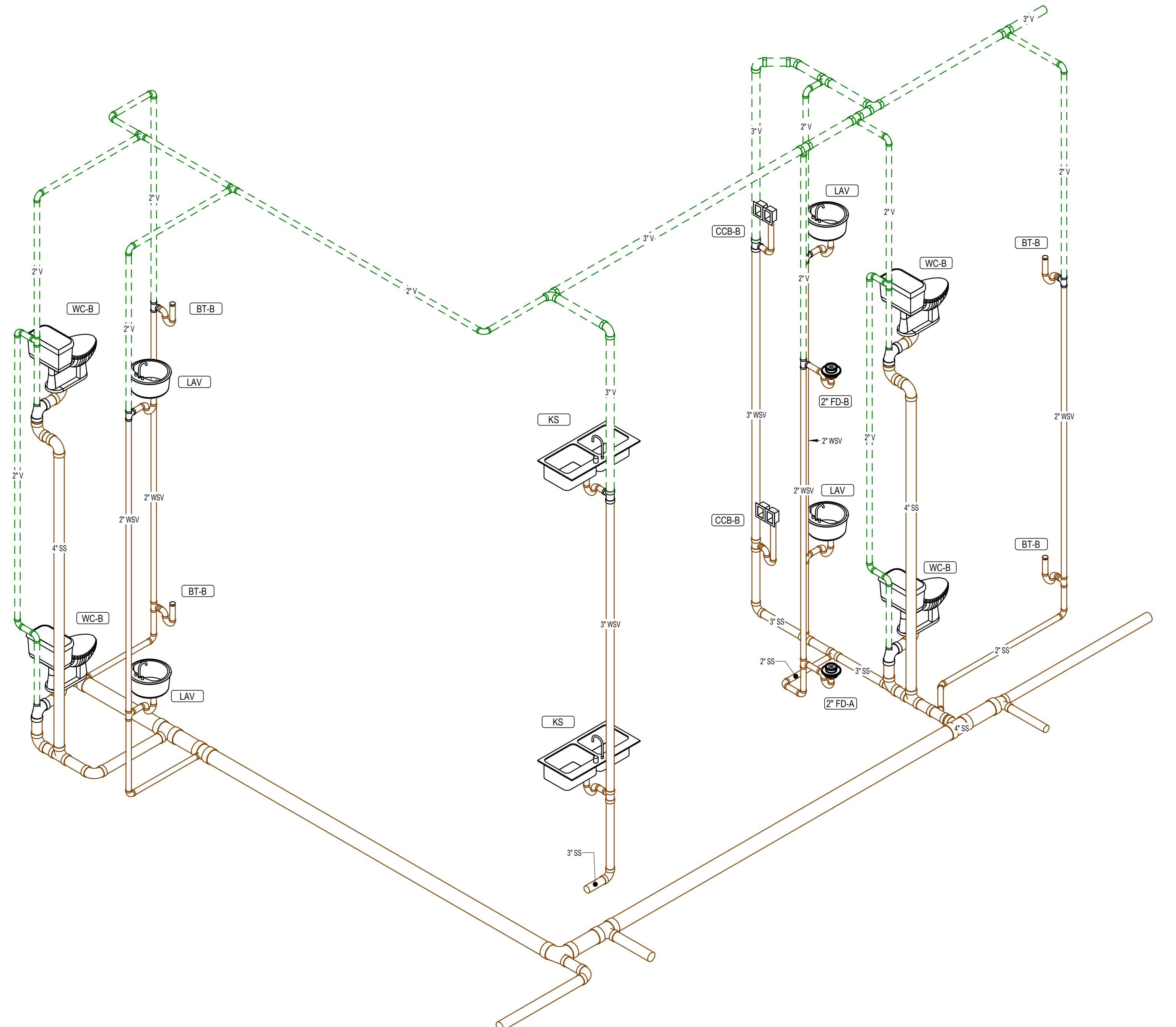
THESE DRAWINGS ARE FOR
REVIEW AND BIDDING PURPOSES
ONLY. THESE DRAWINGS MAY BE
INCOMPLETE AND ARE SUBJECT
TO CHANGE DRAWINGS WITHOUT
ENGINEER'S SEAL AND SIGNATURE
SHALL IN NO WAY BE CONSTRUED
TO BE CONSTRUCTION
DOCUMENTS

REVISIONS:

DATE: 01-15-2026
JOB: 25-3385
SHEET NO.: PB9.1



1 WASTE AND VENT RISER-2 BEDROOM



2 WASTE AND VENT RISER-3 BEDROOM

WASTE AND VENT RISER SHEET NOTES

1 SEE PLUMBING ROUGH-IN SCHEDULE ON SHEET PB6.1 FOR INDIVIDUAL FIXTURE CONNECTION SIZES AND ADDITIONAL INFORMATION.
2 SEE OVERALL WASTE AND VENT PLAN FOR EXACT FIXTURE TYPES PER EACH DWELLING UNIT.
3 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.

