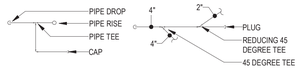
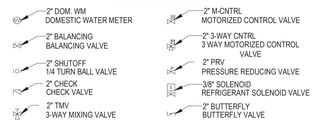
PLUMBING ABBREVIATIONS

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

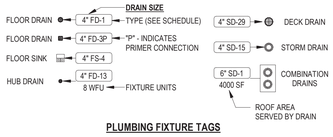
PIPE TAGS



PIPE ACCESSORY TAGS



DRAIN TAGS

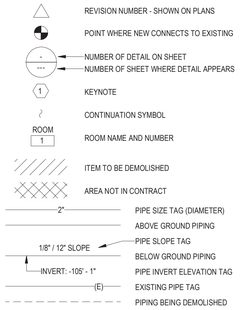


PLUMBING FIXTURE TAGS

EQUIPMENT ABBREVIATIONS

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

GENERAL SYMBOLS



PIPE LEGEND

CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CD	CONDENSATE DRAINAGE
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
GWR	GEOTHERMAL WATER RETURN
GWS	GEOTHERMAL WATER SUPPLY
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
G	NATURAL GAS
PG	PROPANE GAS
REF-L	REFRIGERANT-LIQUID
REF-S	REFRIGERANT-SUCTION
REF-HG	REFRIGERANT-HOT GAS
STM	STEAM
CDR	CONDENSATE RETURN
CWV	COMBINATION WASTE & VENT
CA	COMPRESSED AIR
CW	DOMESTIC COLD WATER
H-CW	HARD COLD WATER
S-CW	SOFT COLD WATER
F-CW	FILTERED COLD WATER
RO	REVERSE OSMOSIS WATER
HW	HOT WATER
HW 140°	HOT WATER 140°
HW-R	HOT WATER RECIRCULATION
HW-R 140°	HOT WATER RECIRCULATION 140°
GV	GREASE VENT
GW	GREASE WASTE
IW	INDIRECT WASTE
OV	OIL VENT
OW	OIL WASTE
PD	PUMP DISCHARGE
V	SANITARY VENT
SS	SANITARY SEWER
SHWR	SOLAR HOT WATER RETURN
SHWS	SOLAR HOT WATER SUPPLY
SD	STORM DRAINAGE
OSD	OVERFLOW STORM DRAINAGE

PLUMBING DRAWING LIST

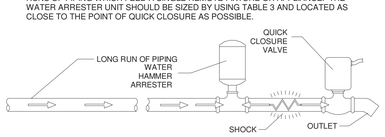
Sheet Number	Sheet Name
P0.01	NOTES, SYMBOLS & ABBREVIATIONS
P2.01	PLUMBING / SANITARY SEWER AND VENTING PLAN LEVEL 1
P2.02	PLUMBING / SANITARY SEWER AND VENTING PLAN LEVEL 2
P2.03	PLUMBING / DOMESTIC WATER PLAN LEVEL 1
P2.04	PLUMBING / DOMESTIC WATER PLAN LEVEL 2
P2.05	PLUMBING / GAS PIPING PLAN LEVEL 1
P2.06	PLUMBING / GAS PIPING PLAN LEVEL 2
P2.07	PLUMBING / STORM PIPING PLAN LEVEL 1
P2.08	PLUMBING / STORM PIPING PLAN LEVEL 2
P2.09	PLUMBING / SANITARY, STORM & GAS ROOF PLAN
P4.01	ENLARGED SANITARY SEWER AND VENTING PLANS 1
P4.02	ENLARGED SANITARY SEWER AND VENTING PLANS 2
P4.03	ENLARGED DOMESTIC WATER PIPING PLANS LEVEL 1
P4.04	ENLARGED DOMESTIC WATER PIPING PLANS LEVEL 2
P5.01	SANITARY RISERS - LEVEL 1
P5.02	SANITARY RISERS - LEVEL 2
P5.05	DOMESTIC WATER RISERS - LEVEL 1
P5.06	DOMESTIC WATER RISERS - LEVEL 2
P5.07	GAS RISERS & DETAILS
P5.08	STORM RISERS & DETAILS
P6.01	PLUMBING SCHEDULE & DETAILS
P6.02	PLUMBING DETAILS

General Notes

1. ALL WORK SHALL CONFORM TO NEW YORK STATE ENERGY CODE, NATIONAL STANDARD PLUMBING CODE 20158 AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND LOCAL AUTHORITY HAVING JURISDICTION.
2. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXTENT AND SCOPE OF THE WORK PRIOR TO SUBMITTING BIDS OR COMMENCING WORK.
3. CONTRACTOR SHALL REVIEW DRAWINGS AND FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES, AND ADDRESS ALL QUESTIONS TO ARCHITECT/ENGINEER PRIOR TO COMMENCING WORK.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP WORK AREAS UPON COMPLETION OF WORK.
5. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS PRIOR TO COMMENCING WORK. UPON COMPLETION OF WORK THE CONTRACTOR SHALL SECURE CERTIFICATE OF OCCUPANCY.
6. CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF ALL DEMOLISHED MATERIAL OF SITE IN AN APPROVED MANNER.

Sizing and Placement of Water Hammer Arrester (WHA)

TABLE 3 INDICATES THE SIZE OF THE WATER ARRESTER REQUIRED FOR LONG RUNS OF PIPING WHICH FEED A SINGLE REMOTE FIXTURE OR APPLIANCE. THE WATER ARRESTER UNIT SHOULD BE SIZED BY USING TABLE 3 AND LOCATED AS CLOSE TO THE POINT OF QUICK CLOSURE AS POSSIBLE.



WATER HAMMER ARRESTER SELECTION CHART

LENGTH OF PIPE	NOMINAL PIPE SIZE					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
25'	5005	5005	5010	5020	5030	5040
50'	5005	5010	5020	5030	5040	5050
75'	5010	5020	5030	1-5005 1-5040	5050	1-5040 1-5050
100'	5020	5030	5040	5050	1-5020 1-5050	2-5050
125'	5020	5030	5050	1-5005 1-5050	1-5040 1-5050	1-5040 2-5050
150'	5030	5040	5050	1-5030 1-5050	2-5050	3-5050

TABLE 3

NOTE:
TABLE 3 SHOWS LENGTHS OF RUN OF BRANCH PIPING. THE LENGTH OF RUN USED SHOULD BE THE LENGTH OF PIPE FROM POINT OF VALVE CLOSURE TO A POINT OF RELIEF, SUCH AS LARGE PIPE RISER TWICE THE SIZE OF THE BRANCH LINE, MAIN LINE OR WATER TANK.

ALL SIZING RECOMMENDATIONS SHOWN IN TABLE 3 ARE BASED ON AN OPERATING WATER PRESSURE OF 65 PSI OR UNDER AN AVERAGE VELOCITY BETWEEN 5 AND 10 FEET PER SECOND. IF OPERATING PRESSURES ARE OVER 65 PSI USE THE NEXT LARGER WATER HAMMER ARRESTER UNIT. WHEN PRESSURES ARE ANTICIPATED ABOVE 85 PSI A PRESSURE REDUCING VALVE IS RECOMMENDED.

Plumbing General Notes

1. PLUMBING CONTRACTOR TO PROCURE AND PAY FOR ALL NECESSARY PERMITS AND LICENSES REQUIRED TO CARRY OUT WORK, OBTAIN AND PAY FOR ALL NECESSARY CERTIFICATES OF APPROVAL FOR WORK, AND PAY FOR ANY LEGAL FEES.
2. INSTALLATION TO COMPLY WITH ALL FEDERAL, STATE, MUNICIPAL LAWS, AND ALL CODES, RULES, ORDINANCES, AND REGULATIONS OF HEALTH, PUBLIC OR OTHER AUTHORITIES CONTROLLING OR LIMITING THE METHODS, MATERIALS TO BE USED OR ACTIONS OF THOSE EMPLOYED IN THE WORK
3. PIPE INSTALLATION AS FOLLOWS:
   - 3.A. RUN ALL PIPING CONCEALED IN CEILINGS, WALLS AND PARTITIONS
   - 3.B. ALL PIPING TO BE PITCHED TO LOW POINTS WITH DRAIN VALVES, SOIL, STORM, AND WASTE TO BE SLOPED @ 1/8" PER FOOT MIN.
   - 3.C. SLEEVE PIPING THAT PASSES THROUGH WALLS
   - 3.D. FLASH ALL PIPING THAT PASSES THROUGH ROOF.
   - 3.E. PROVIDE ROD HANGERS WITH CLEVIS PIPE SUPPORT PER NATIONAL PLUMBING CODE 2015.
   - 3.F. PROVIDE VALVES REQUIRED FOR COMPLETE CONTROL OF ALL SYSTEMS. STOP VALVES FOR SUPPLY TO ALL FIXTURES TO BE CHROME PLATED WHERE EXPOSED.
   - 3.G. PROVIDE ACCESS DOORS FOR ALL CONCEALED VALVES AND CLEANOUTS
4. TO PLUMBING CONTRACTOR TO CARRY OUT PERIODIC CLEANING TO REMOVE RUBBISH ETC., LEAVE PREMISES FREE FROM DEBRIS, AND DISCARDED MATERIALS. AFTER INSTALLATION, CLEAN FIXTURES, FITTINGS, ETC. AND LEAVE READY FOR USE.

Plumbing System Materials

WASTE:
- ABOVE GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS
- BELOW GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS.
- CENTRAL KITCHEN: PIPING FROM CENTRAL KITCHEN SHALL BE BELL AND SPIGOT SERVICE WEIGHT CAST IRON PIPE WITH NEOPRENE (TY-SEAL) GASKETS

VENT:
- ABOVE GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS.
- BELOW GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS

STORM:
- ABOVE GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS.
- BELOW GROUND: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH PRIMED & CEMENTED PVC SOCKET FITTINGS.

DOMESTIC WATER: (EXCEPT WITHIN IL APARTMENTS)
- COLD: PIPING SHALL BE PIPING SHALL BE CPVC WITH SOLVENT WELD JOINTS.
- HOT: PIPING SHALL BE PIPING SHALL BE CPVC WITH SOLVENT WELD JOINTS.
- HOT RETURN: PIPING SHALL BE PIPING SHALL BE CPVC WITH SOLVENT WELD JOINTS

DOMESTIC WATER FOR WITHIN IL APARTMENTS ONLY:
- COLD: PIPING SHALL BE PEX, HOME RUN MANIFOLD SYSTEM. CONNECT PEX WITH ASTM F2080 EXPANSION FITTINGS AND COMPRESSION SLEEVES – WITH BRASS FITTINGS AND SLEEVES.
- HOT: PIPING SHALL BE PEX, HOME RUN MANIFOLD SYSTEM. CONNECT PEX WITH ASTM F2080 EXPANSION FITTINGS AND COMPRESSION SLEEVES – WITH BRASS FITTINGS AND SLEEVES

CONDENSATE:
- ALL: PIPING SHALL BE SCHEDULE 40 SOLID WALL PVC WITH SOLVENT WELD JOINTS

ADDITIONAL INFORMATION - PVC PIPE AND FITTINGS:

- SOLID-WALL PVC PIPE: ASTM D 2665, DRAIN, WASTE, AND VENT.
- PVC SOCKET FITTINGS: ASTM D 2665, MADE TO ASTM D 3311, DRAIN, WASTE, AND VENT PATTERNS AND TO FIT SCHEDULE 40 PIPE
- ADHESIVE PRIMER: ASTM F 656. ADHESIVE PRIMER SHALL HAVE A VOC CONTENT OF 550 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- SOLVENT CEMENT: ASTM D 2564. PVC SOLVENT CEMENT SHALL HAVE A VOC CONTENT OF 510 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).

GAS (NATURAL GAS):
- ABOVE GROUND: PIPING SHALL BE SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON SCREWED FITTINGS (PIPE SIZES 2-1/2" & SMALLER) AND WELDED FITTINGS (PIPE SIZES 3" & LARGER)
- BELOW GROUND: PIPE SHALL BE POLYETHYLENE (PE) PLASTIC PIPE WITH HEAT-FUSED JOINTS & FITTINGS IN ACCORDANCE WITH ASTM D 2513. ("JM EAGLE" OR APPROVED EQUAL). PROVIDE APPROVED ANODELESS RISERS TO TRANSITION BETWEEN UNDERGROUND PE PIPE AND ABOVE GROUND BLACK IRON PIPE. PROVIDE A YELLOW INSULATED COPPER TRACER WIRE ADJACENT TO ALL UNDERGROUND NONMETALLIC GAS PIPE. THE TRACER WIRE SHALL TERMINATE ABOVE GRADE AT EACH END OF THE NONMETALLIC PIPE.

INSULATION:

ALL DOMESTIC HOT AND COLD WATER PIPING SHALL BE INSULATED WITH FIBERGLASS PIPE INSULATION WITH ASJ JACKET. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.

ALL STORM PIPING, CONDUCTORS, LEADERS, AND ROOF DRAIN PANS ABOVE GRADE SHALL BE INSULATED WITH FIBERGLASS PIPE INSULATION WITH ASJ JACKET. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS.

ALL CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH 1" THICK FLEXIBLE ELASTOMERIC INSULATION (AP ARMAFLEX BLACK LAPSEAL OR APPROVED EQUAL).

ACCESSIBLE PIPE INSULATION:
INSTALL INSULATION AT EXPOSED PIPING AT ALL LAVATORIES AS FOLLOW: LAVATORY P-TRAP AND ANGLE VALVE ASSEMBLIES SHALL BE INSULATED WITH "HANDI LAV-GUARD" FULLY MOLDED PVC INSULATION KIT #102 BY TRUEBRO OR APPROVED EQUAL.

WHEN THE DISCREPANCY OCCURS BETWEEN DESIGN DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL BE APPLIED FOR THE PROJECT.

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BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

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4.1308.01

Date
4/30/21

Scale
1/8" = 1'-0"

Drawing
NOTES, SYMBOLS & ABBREVIATIONS

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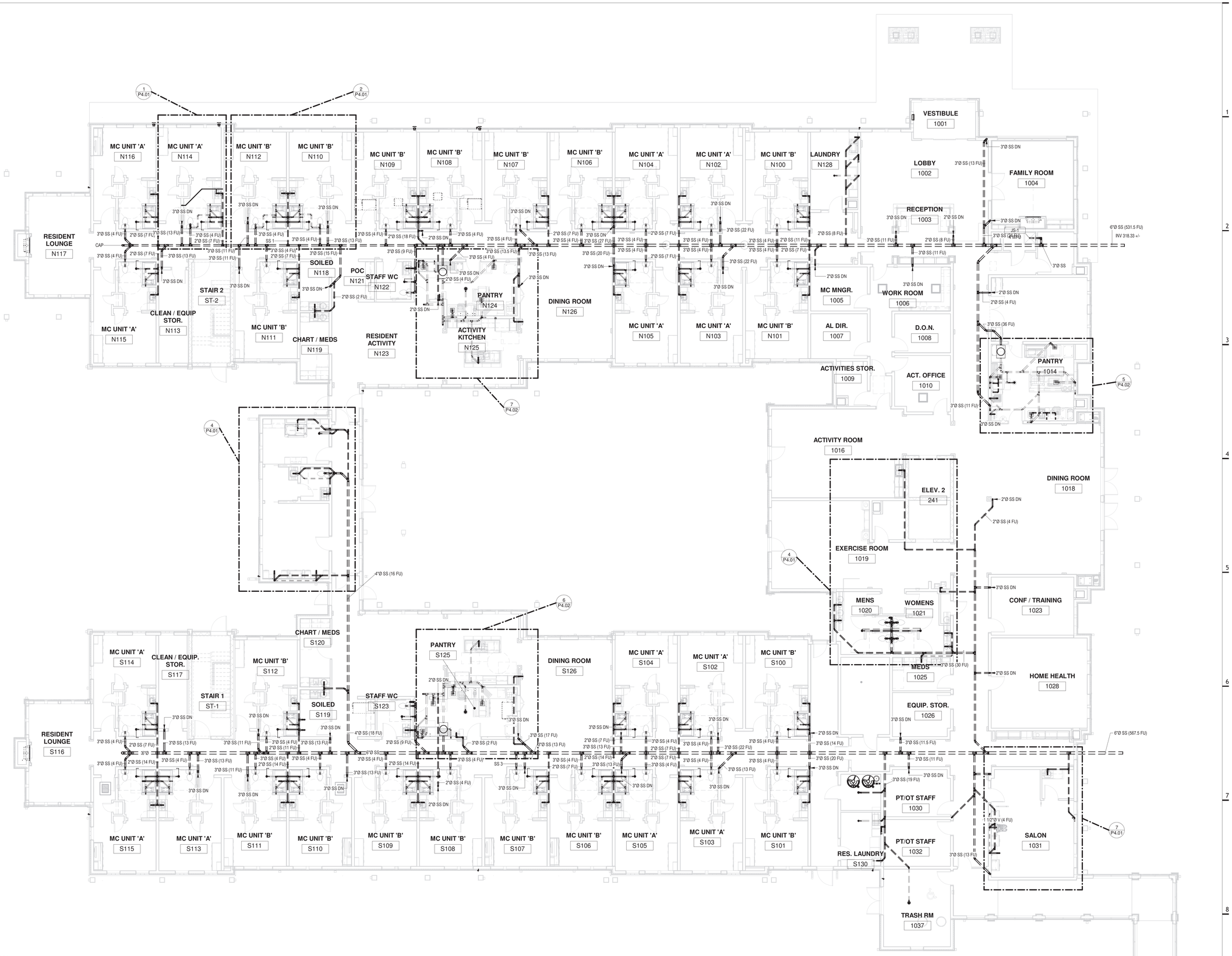

1 P2.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING
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PLUMBING / SANITARY SEWER AND VENTING PLAN LEVEL 1

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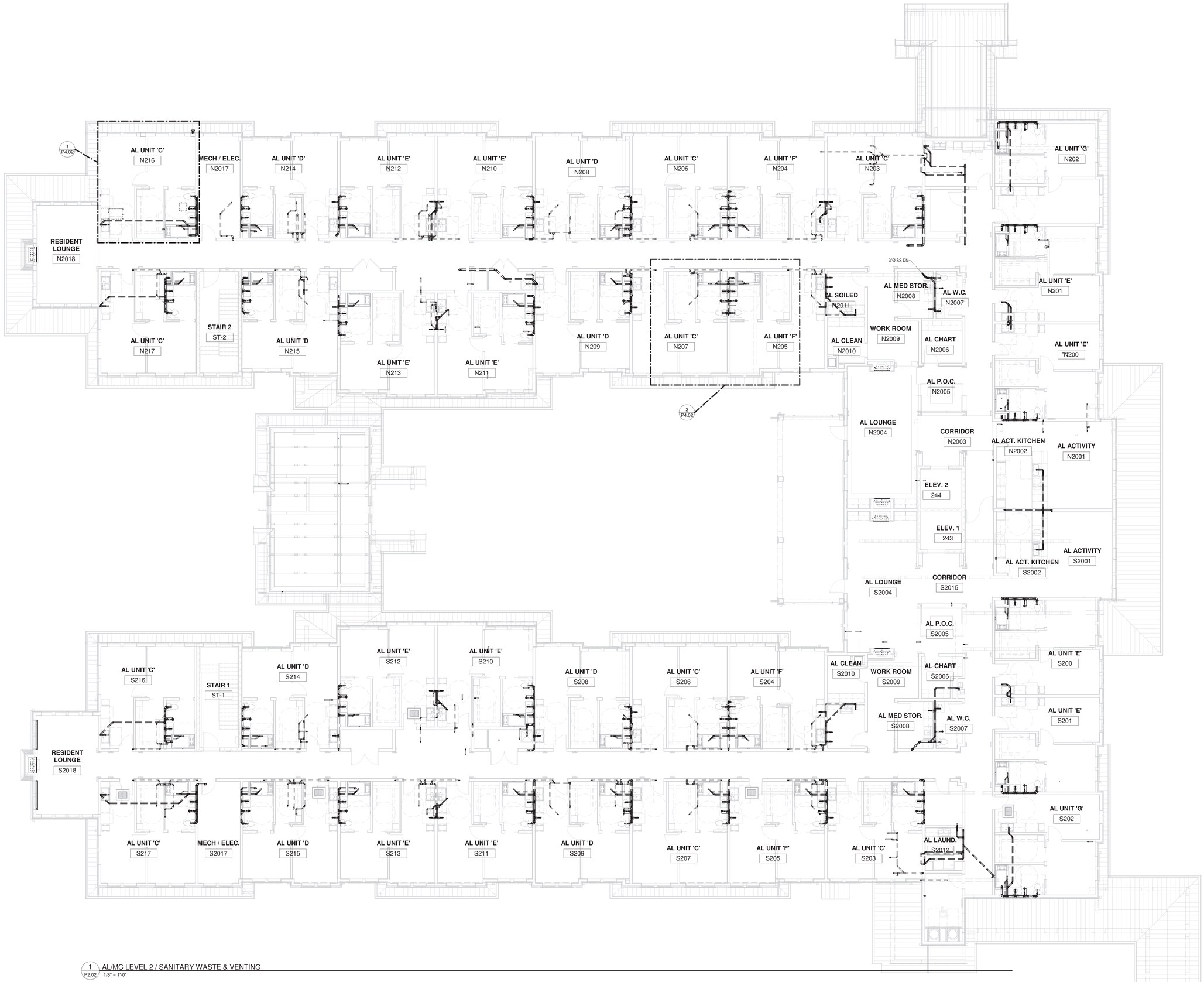

1 P2.02 AL/MC LEVEL 2 / SANITARY WASTE & VENTING
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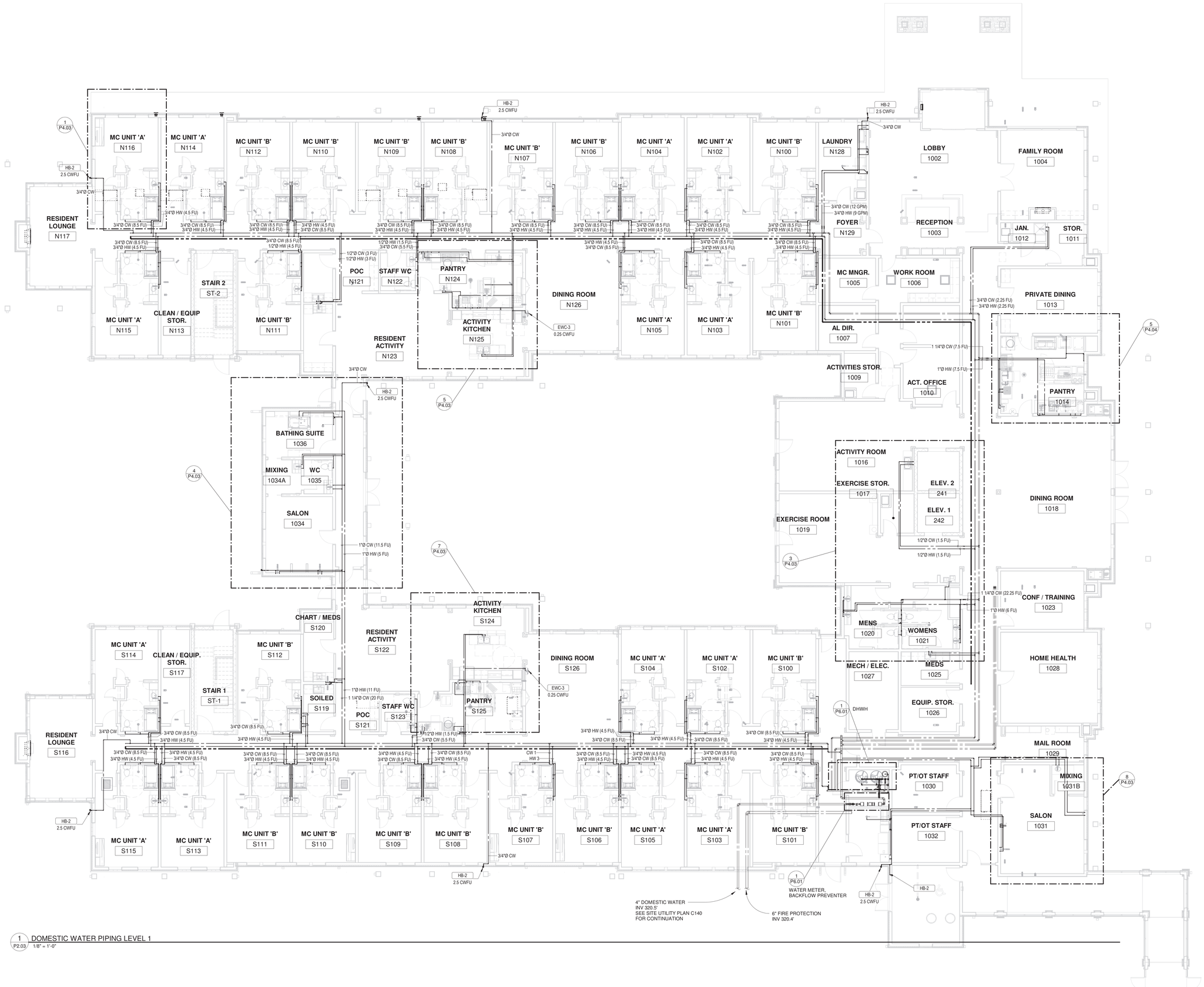

1 P2.03 DOMESTIC WATER PIPING LEVEL 1
1/8" = 1'-0"

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BROADVIEW
SENIOR LIVING AT PURCHASE COLLEGE

BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

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4.1308.01

Date
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Scale
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Drawing
PLUMBING / DOMESTIC WATER PLAN LEVEL 1

P2.03

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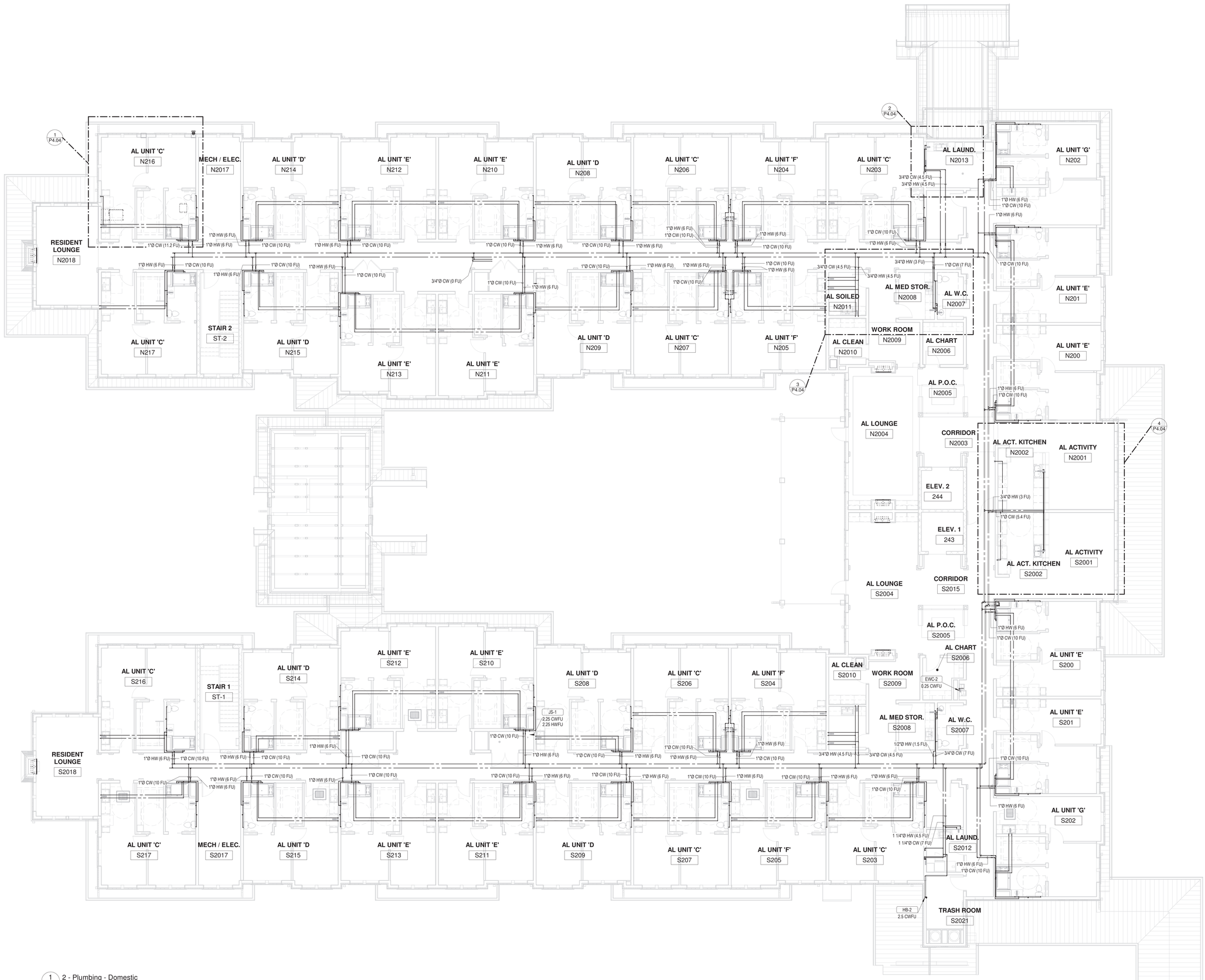

1 P2.04 2 - Plumbing - Domestic
1/8" = 1'-0"

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Drawing
PLUMBING / DOMESTIC WATER PLAN LEVEL 2

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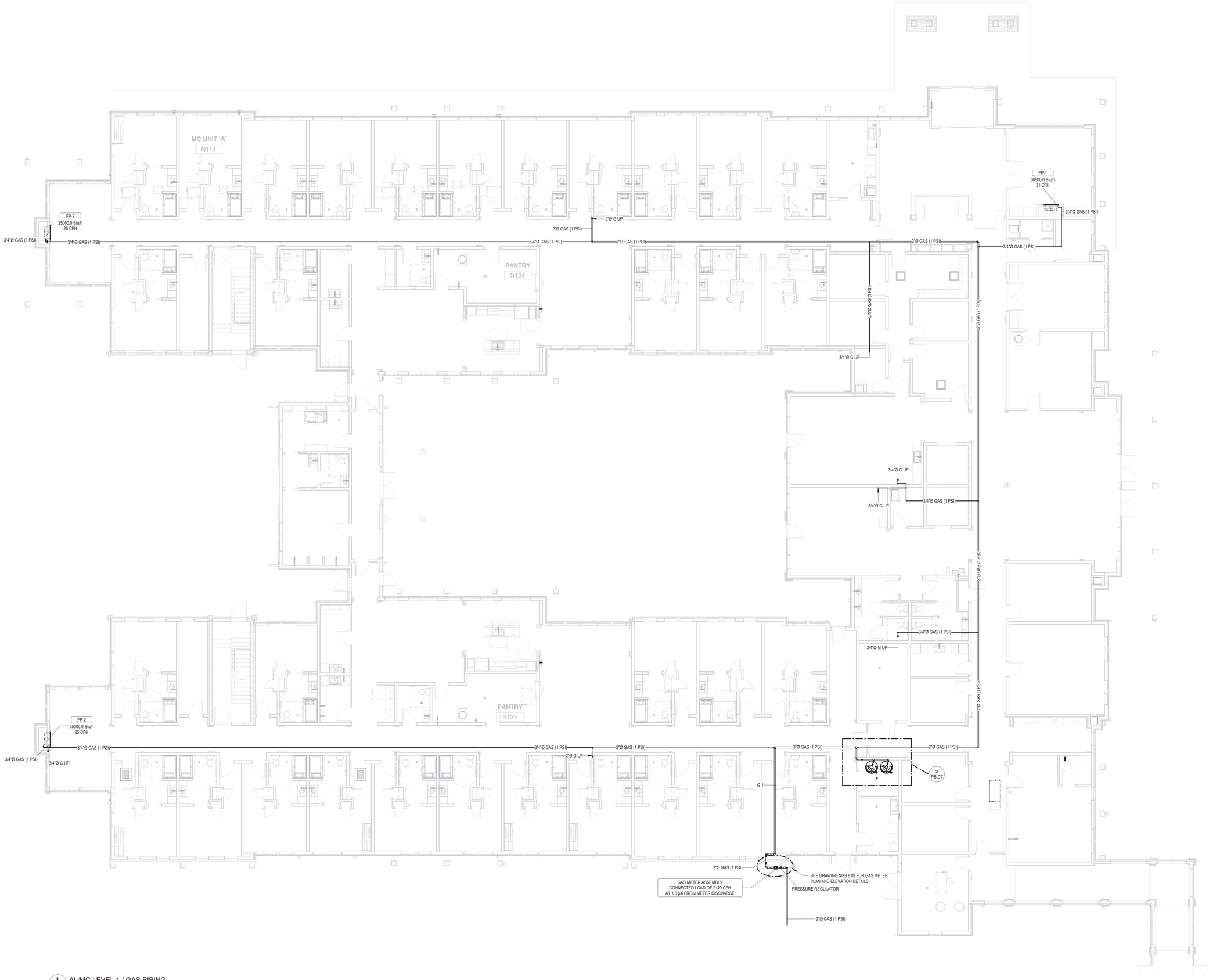

1 P2.05 AL/MC LEVEL 1 / GAS PIPING
1/8" = 1'-0"

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4.1308.01

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Scale
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Drawing
PLUMBING / GAS PIPING PLAN LEVEL 1

P2.05

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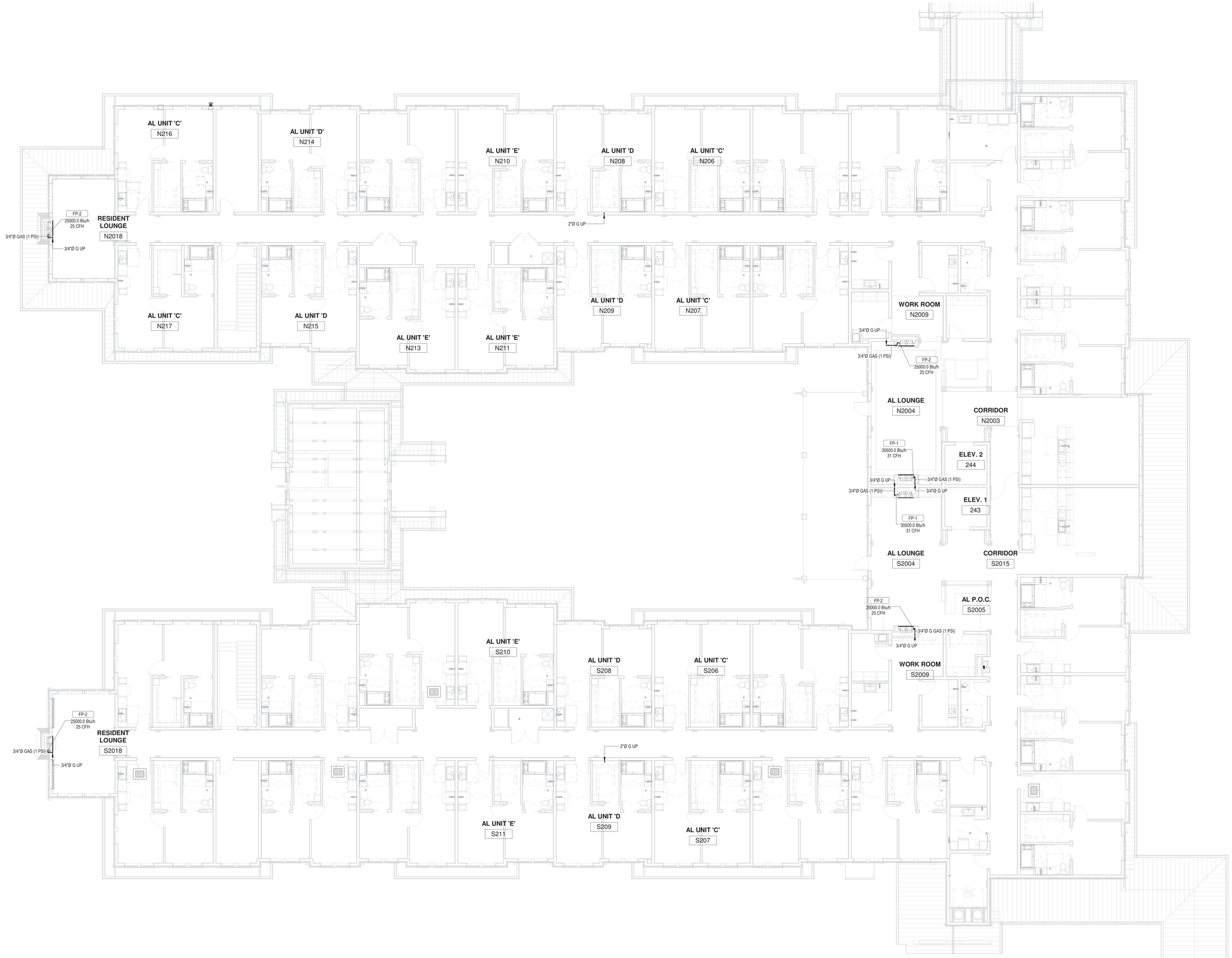

1 P2.06 AL/MC LEVEL 2 / GAS PIPING
1/8" = 1'-0"

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Drawing
PLUMBING / GAS PIPING PLAN LEVEL 2

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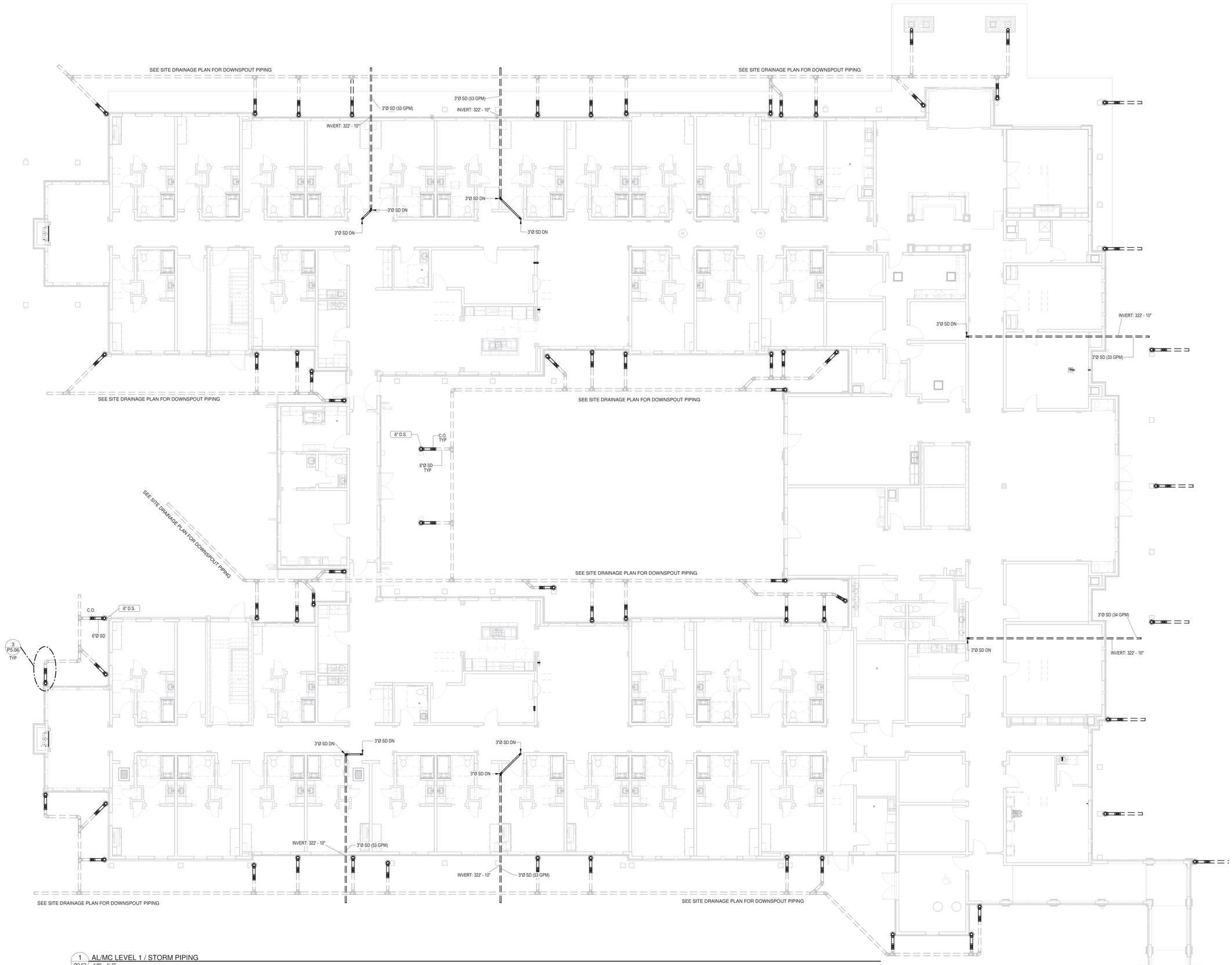

1 P2.07 AL/MC LEVEL 1 / STORM PIPING
1/8" = 1'-0"

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Scale
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Drawing
PLUMBING / STORM PIPING PLAN LEVEL 1

P2.07

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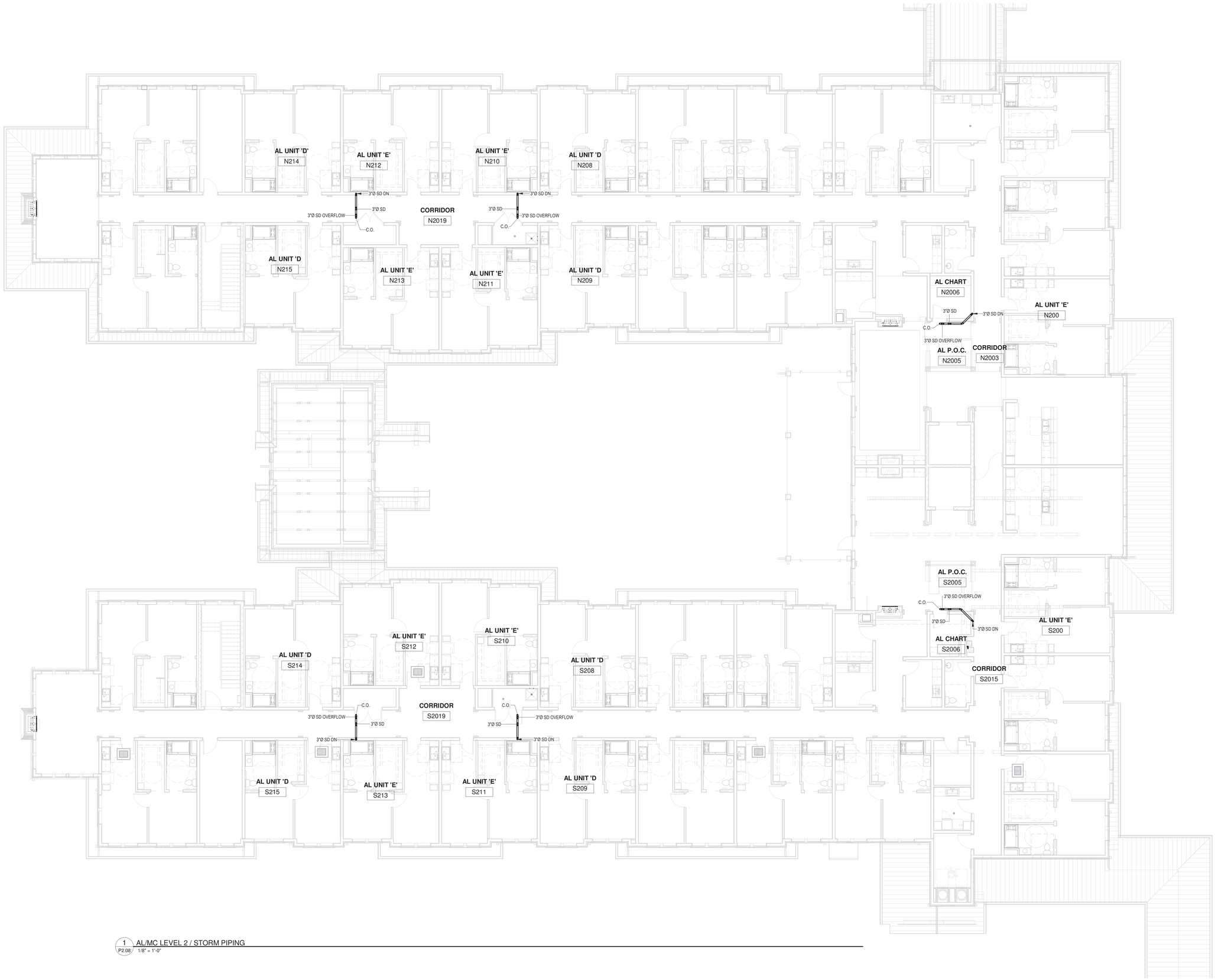

1 P2.08 AL/MC LEVEL 2 / STORM PIPING
1/8" = 1'-0"

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PLUMBING / STORM PIPING PLAN LEVEL 2

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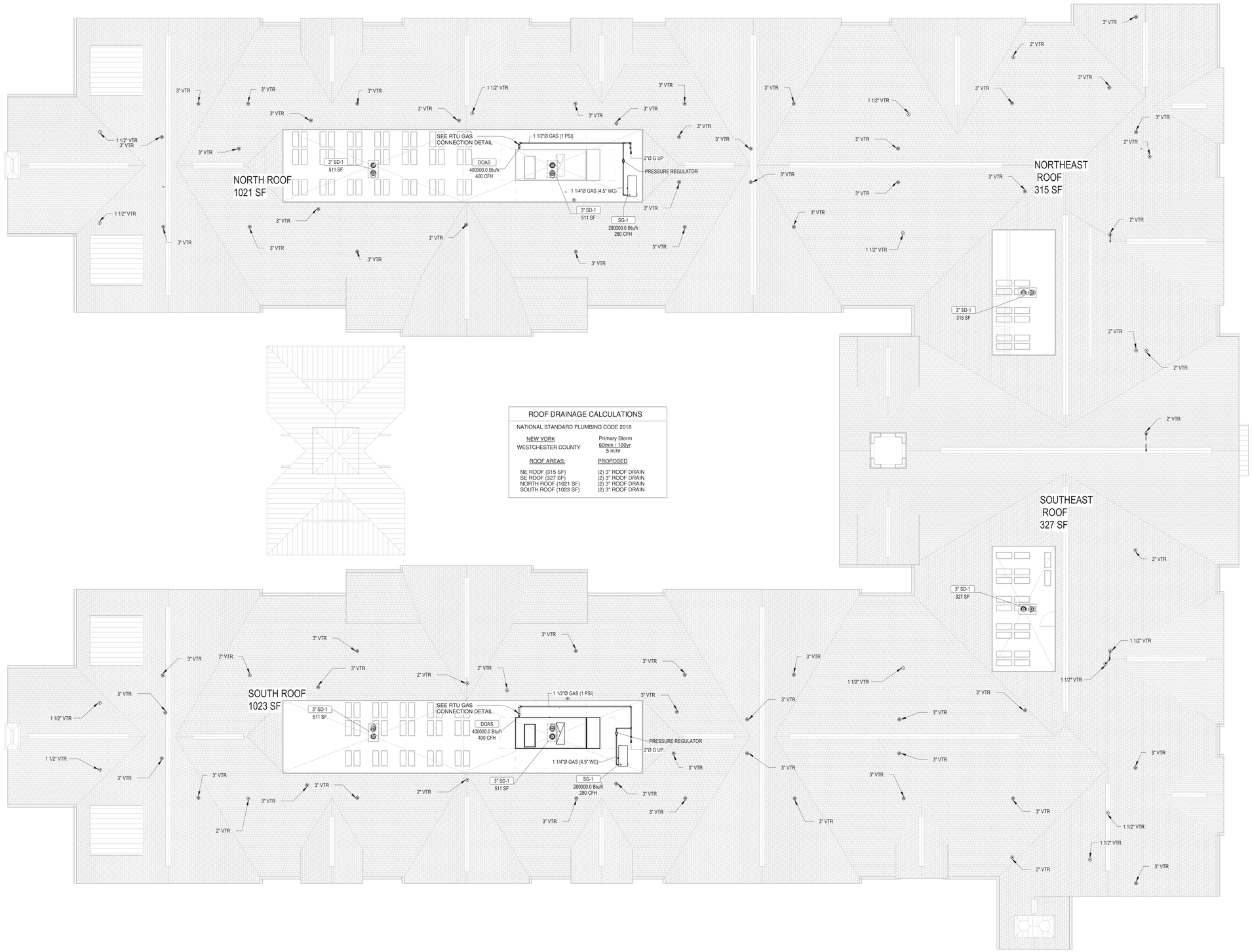

ROOF DRAINAGE CALCULATIONS	
NATIONAL STANDARD PLUMBING CODE 2018	
NEW YORK WESTCHESTER COUNTY	Primary Storm 60min / 100yr 5 in/hr
ROOF AREAS:	PROPOSED
NE ROOF (315 SF)	(2) 3" ROOF DRAIN
SE ROOF (327 SF)	(2) 3" ROOF DRAIN
NORTH ROOF (1021 SF)	(2) 3" ROOF DRAIN
SOUTH ROOF (1023 SF)	(2) 3" ROOF DRAIN

1 P2.09 AL/MC ROOF / SANITARY WASTE & VENTING
1/8" = 1'-0"

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4.1308.01

Date
4/30/21

Scale
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Drawing
PLUMBING / SANITARY, STORM & GAS ROOF PLAN

P2.09

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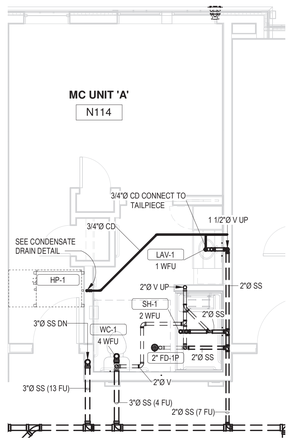
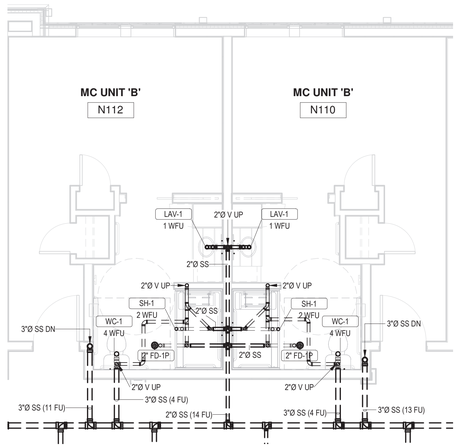
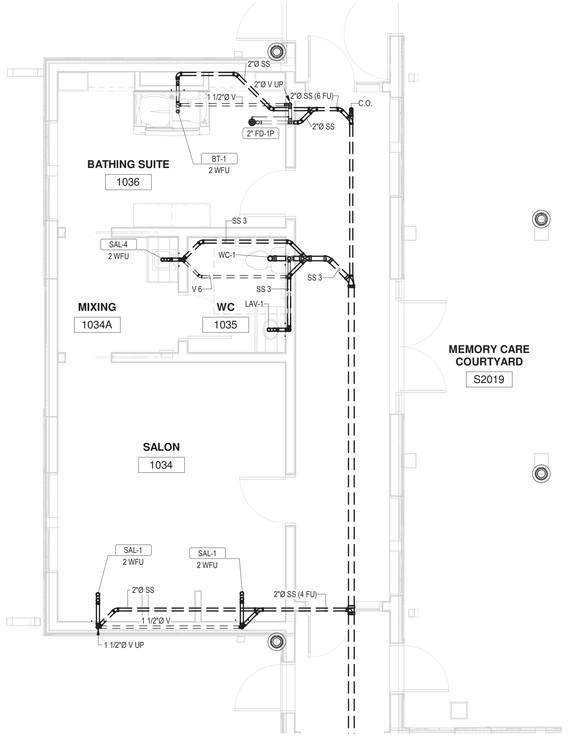


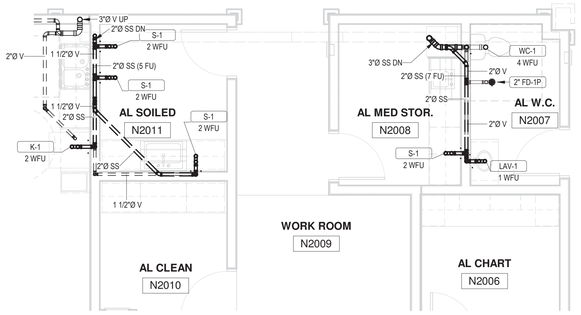
1 P4.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - TYPICAL MC UNIT
1/4" = 1'-0"



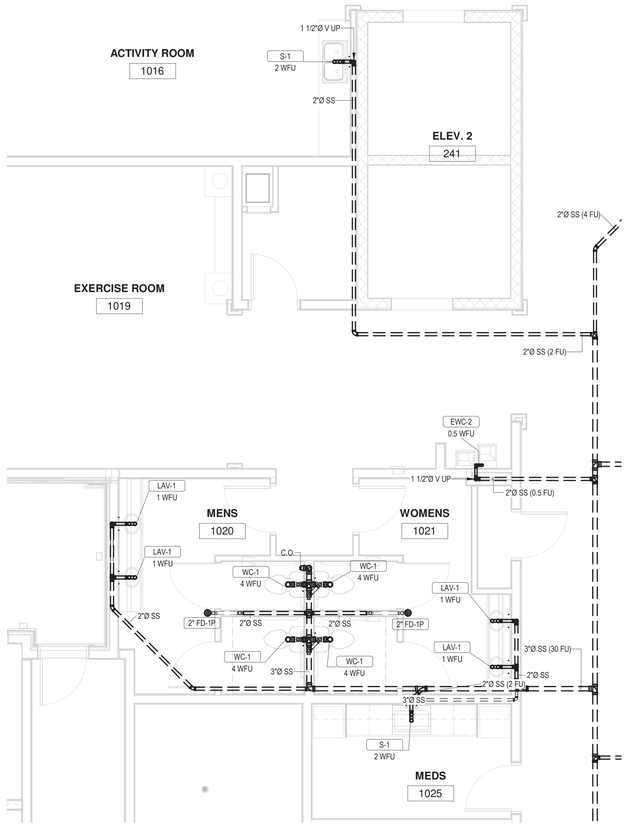
2 P4.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - TYPICAL BACK TO BACK MC UNIT
1/4" = 1'-0"



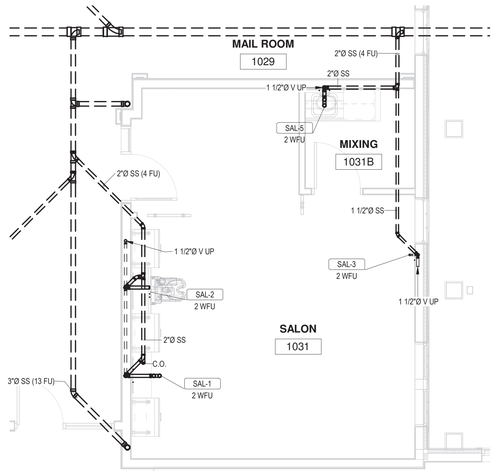
4 P4.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - BATHING SUITE
1/4" = 1'-0"



3 P4.01 AL/MC LEVEL 2 / SANITARY WASTE & VENTING - NURSE
1/4" = 1'-0"



5 P4.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - RESTROOMS
1/4" = 1'-0"



7 P4.01 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - SALON
1/4" = 1'-0"

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4.1308.01

Date
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Drawing
ENLARGED SANITARY SEWER AND VENTING PLANS 1

P4.01

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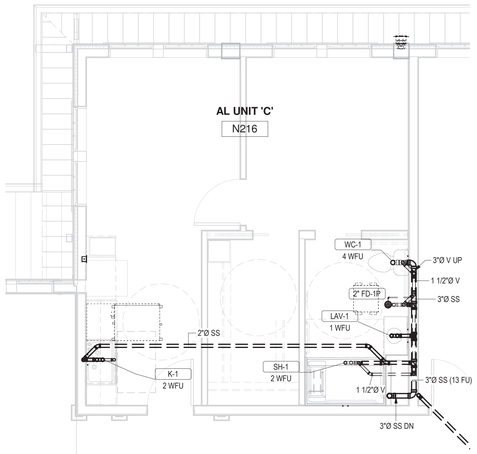
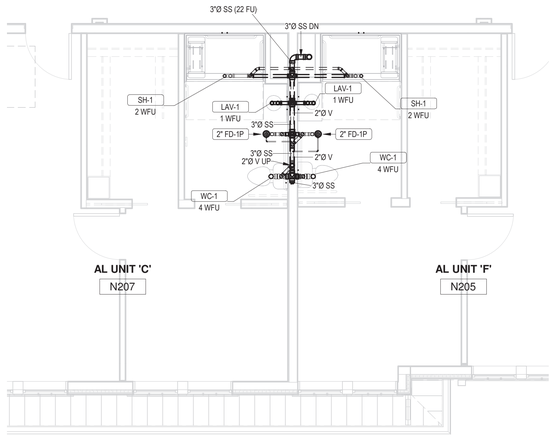
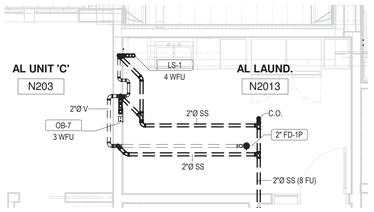


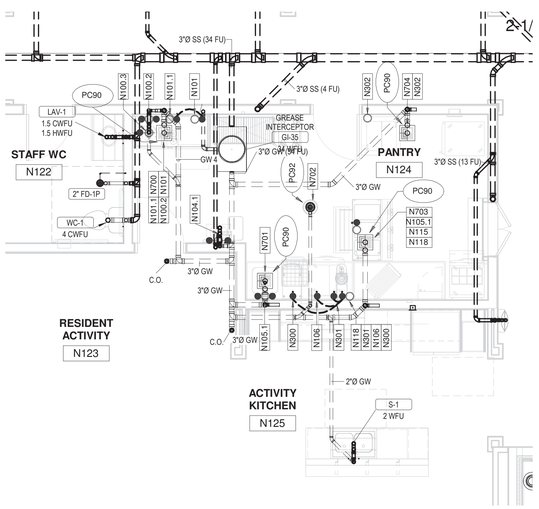
1 P4.02 AL/MC LEVEL 2 / SANITARY WASTE & VENTING - TYPICAL AL UNIT
1/4" = 1'-0"



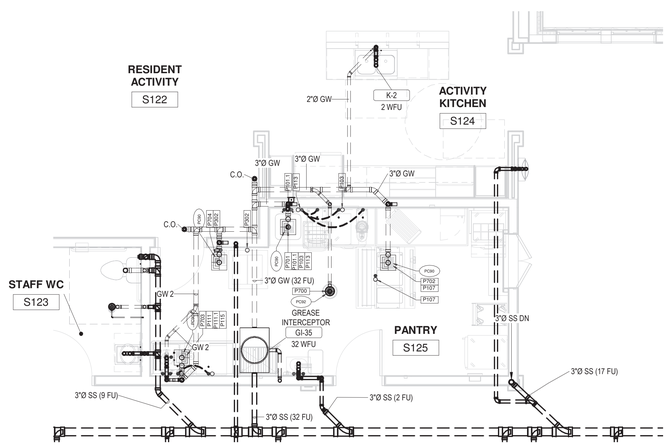
2 P4.02 AL/MC LEVEL 2 / SANITARY WASTE & VENTING - TYPICAL BACK TO BACK AL UNIT
1/4" = 1'-0"



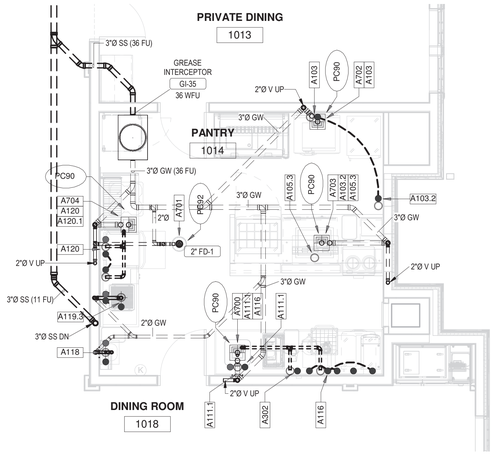
3 P4.02 AL/MC LEVEL 2 / SANITARY WASTE & VENTING - TYPICAL AL LAUNDRY
1/4" = 1'-0"



7 P4.02 AL/MC LEVEL 1 / DOMESTIC WATER - PANTRY N124
1/4" = 1'-0"



6 P4.02 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - PANTRY S124
1/4" = 1'-0"



5 P4.02 AL/MC LEVEL 1 / SANITARY WASTE & VENTING - PANTRY ROOM 1014
1/4" = 1'-0"

PANTRY N124 EQUIPMENT - DIRECT WASTE SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Waste Size Direct	Item #
N100.3	1	Disposer, Garbage	Salvajor	200-SA-WSP	2"	N100.3
N104	1	Wall Mounted Hand Sink	Eagle Group	YSCOPOS-HSA-0001-00	1 1/2"	N104
N700	1	Floor Sink	By PC	By PC	4"	N700
N701	1	Floor Sink	By PC	By PC	4"	N701
N702	1	Area Floor Drain	By PC	By PC	2"	N702
N703	1	Floor Sink	By PC	By PC	4"	N703
N704	1	Floor Sink	By PC	By PC	4"	N704

PANTRY N124 EQUIPMENT - INDIRECT WASTE SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Waste Size Indirect	Item #
N101	1	Warewasher	Hobart	LXeR-2	5/8"	N101
N101.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"	N101.1
N105.1	1	Prep Sink, Weld-In	Eagle Group	E24A	1 1/2"	N105.1
N106	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/4"	N106
N115	1	E-Chef 3 Well Hot Food Unit	Delfield	EHEI48C	1/2"	N115
N118	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"	N118
N302	1	Ice Cream Storage Cabinet	Master-Bilt	DC-4DSE	1"	N302

PC90 FLOOR SINK FOR SAFE INDIRECT WASTE WITH 2" AIR GAP. PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR. SEE DETAIL MEP-100 OF FOOD SERVICE PLANS

PC92 RECOMMENDED AREA FLOOR DRAIN - TO BE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR. SLOPE FLOOR TO AREA FLOOR DRAIN.

PANTRY S124 EQUIPMENT - DIRECT WASTE SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Waste Size Direct	Item #
P114	1	Wall Mounted Hand Sink	Eagle Group	YSCOPOS-HSA-0001-00	1 1/2"	P114
P115.2	1	Disposer, Garbage	Salvajor	200-SA-WSP	2"	P115.2
P700	1	Area Floor Drain	By PC	By PC	2"	P700
P701	1	Floor Sink	By PC	By PC	4"	P701
P702	1	Floor Sink	By PC	By PC	4"	P702
P703	1	Floor Sink	By PC	By PC	4"	P703
P704	1	Floor Sink	By PC	By PC	4"	P704

PANTRY S124 EQUIPMENT - INDIRECT WASTE SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Waste Size Indirect	Item #
P101.1	1	Prep Sink, Weld-In	Eagle Group	E24A	1 1/2"	P101.1
P103	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/4"	P103
P107	1	E-Chef 3 Well Hot Food Unit	Delfield	EHEI48C	1/2"	P107
P111	1	Warewasher	Hobart	LXeR-2	5/8"	P111
P111.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"	P111.1
P113	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"	P113
P302	1	Ice Cream Storage Cabinet	Master-Bilt	DC-4DSE	1"	P302

PC90 FLOOR SINK FOR SAFE INDIRECT WASTE WITH 2" AIR GAP. PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR. SEE DETAIL MEP-100 OF FOOD SERVICE PLANS

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PANTRY 1014 EQUIPMENT - DIRECT WASTE SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Waste Size Direct	Item #
A118	1	Wall Mounted Hand Sink	Eagle Group	YSCOPOS-HSA-0001-00	1 1/2"	A118
A119.3	1	Disposer, Garbage	Salvajor	200-SA-WSP	2"	A119.3
A700	1	Floor Sink	By PC	By PC	4"	A700
A701	1	Area Floor Drain	By PC	By PC	2"	A701
A702	1	Floor Sink	By PC	By PC	4"	A702
A703	1	Floor Sink	By PC	By PC	4"	A703
A704	1	Floor Sink	By PC	By PC	4"	A704

PANTRY 1014 EQUIPMENT - INDIRECT WASTE SCHEDULE

e	Qty	Description	Manufacturer	Model	Waste Size Indirect	Item #
A103	1	Electrical Combi-steamer	Rational	ICP XS 6-2/3	1 1/2"	A103
A103.2	1	Water Filter System, Combi	Rational	1900.1154US	1/2"	A103.2
A105.3	1	Bain Marie Warmers	Vollrath	36501208	1"	A105.3
A111.1	1	Prep Sink, Weld-In	Eagle Group	E24A	1 1/2"	A111.1
A115	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/4"	A115
A116	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"	A116
A120	1	Warewasher	Hobart	AM15VLT-2	1 1/2"	A120
A120.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"	A120.1

PC90 FLOOR SINK FOR SAFE INDIRECT WASTE WITH 2" AIR GAP. PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR. SEE DETAIL MEP-100 OF FOOD SERVICE PLANS

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BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

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Project Name
BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)
4.1308.01

Date
4/30/21

Scale
1/4" = 1'-0"

Drawing
ENLARGED SANITARY SEWER AND VENTING PLANS 2

P4.02

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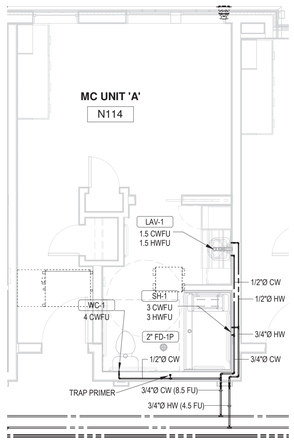
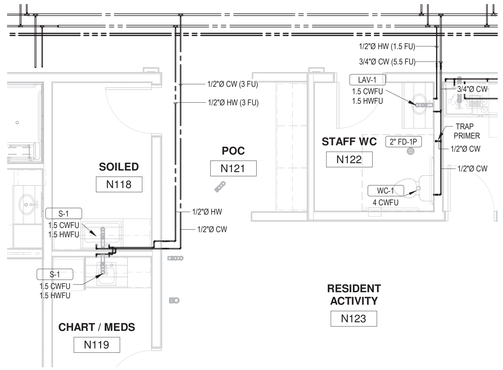


1 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - TYPICAL MC UNIT
1/4" = 1'-0"



2 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - SOILED/WC
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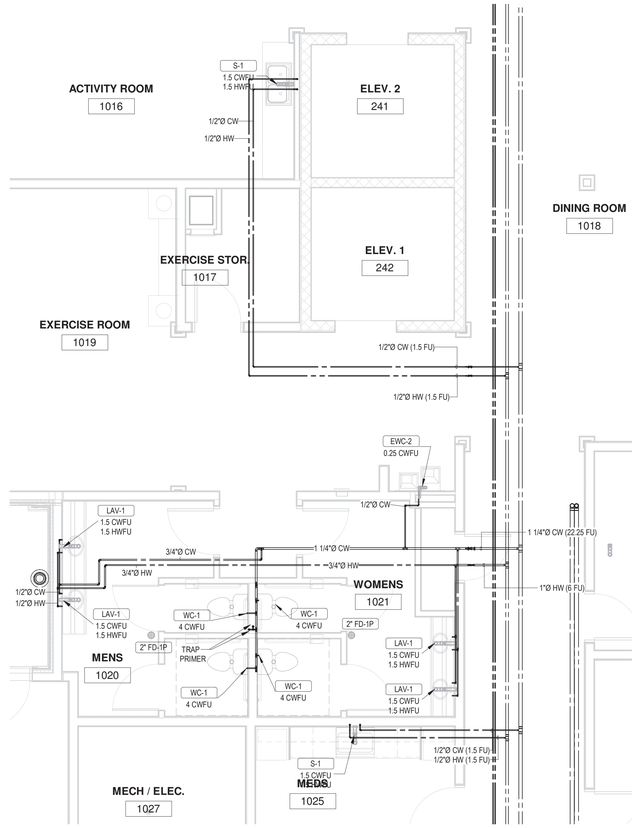

3 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - RESTROOMS 1020 & 1021
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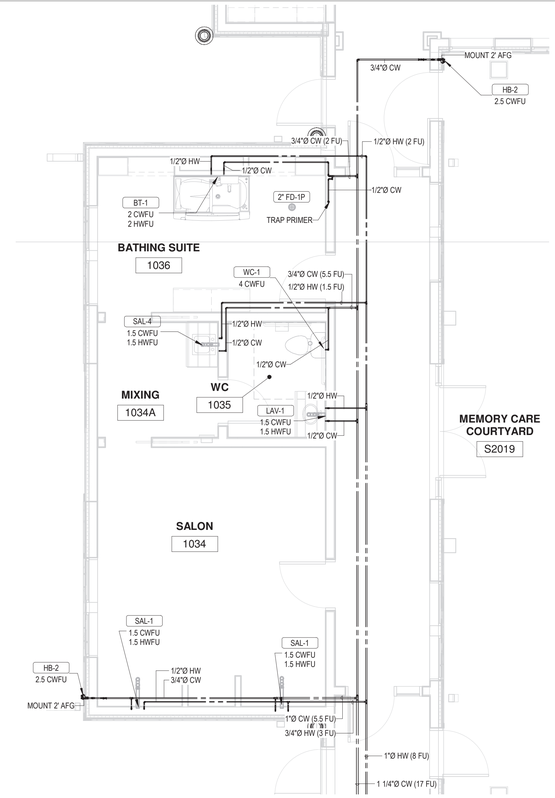

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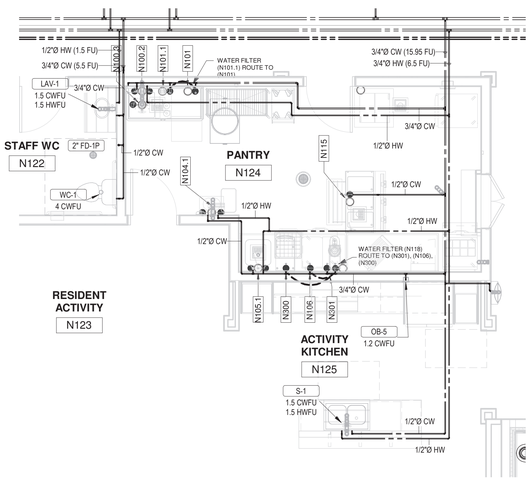
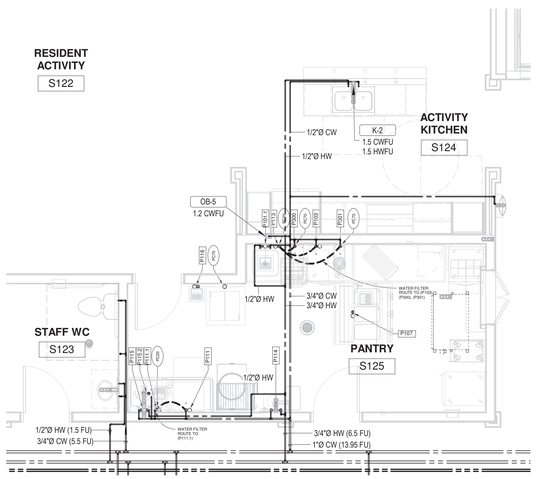
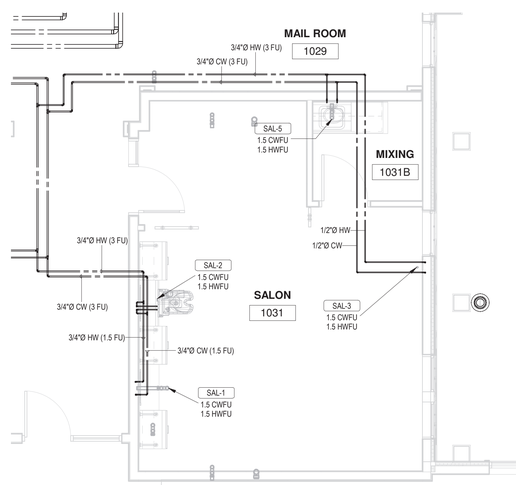


5 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - RESIDENT ACTIVITY
1/4" = 1'-0"



7 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - RESIDENT ACTIVITY
1/4" = 1'-0"



8 P4.03 AL/MC LEVEL 1 / DOMESTIC WATER - SALON
1/4" = 1'-0"

PANTRY N124 EQUIPMENT DOMESTIC WATER SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Water Size Cold	Water Size Hot	Item #
N100.2	1	Pre-Rinse Faucet, Wall Mount	T&S Brass	B-0133-CR-BC	1/2"	1/2"	N100.2
N100.3	1	Disposer, Garbage	Salvajor	200-SA-WSP	1/2"		N100.3
N101	1	Warewasher	Hobart	LXeR-2	3/4"		N101
N101.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"		N101.1
N104.1	1	Electronic Faucet w/ Hydro-Generator	T&S Brass	EC-3101-HG	1/2"	1/2"	N104.1
N105.2	1	Faucet, Deck Mount	T&S Brass	B-0221-CR	1/2"	1/2"	N105.2
N106	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/8"		N106
N115	1	E-Chef 3 Well Hot Food Unit	Delfield	EHEI48C	1/2"		N115
N118	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"		N118
N300	1	Juice Dispenser	Bunn	37300.0002	3/8"		N300
N301	1	Coffee Brewer	Bunn	23001.0006	1/4"		N301

PANTRY S124 EQUIPMENT DOMESTIC WATER SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Water Size Cold	Water Size Hot	Item #
P101.2	1	Faucet, Deck Mount	T&S Brass	B-0221-CR	1/2"	1/2"	P101.2
P103	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/8"		P103
P107	1	E-Chef 3 Well Hot Food Unit	Delfield	EHEI48C	1/2"		P107
P111	1	Warewasher	Hobart	LXeR-2	3/4"		P111
P111.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"		P111.1
P113	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"		P113
P114.1	1	Electronic Faucet w/ Hydro-Generator	T&S Brass	EC-3101-HG	1/2"	1/2"	P114.1
P115.1	1	Faucet, Deck Mount	T&S Brass	B-0133-CR-BC	1/2"	1/2"	P115.1
P115.2	1	Disposer, Garbage	Salvajor	200-SA-WSP	1/2"		P115.2
P300	1	Juice Dispenser	Bunn	37300.0002	3/8"		P300
P301	1	Coffee Brewer	Bunn	23001.0006	1/4"		P301

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4.1308.01

Date
4/30/21

Scale
1/4" = 1'-0"

Drawing
ENLARGED DOMESTIC WATER PIPING PLANS LEVEL 1

P4.03

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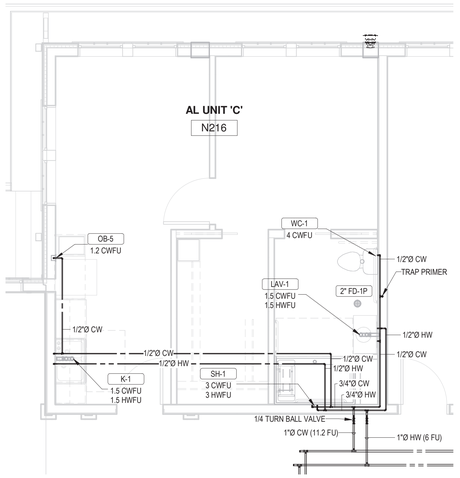

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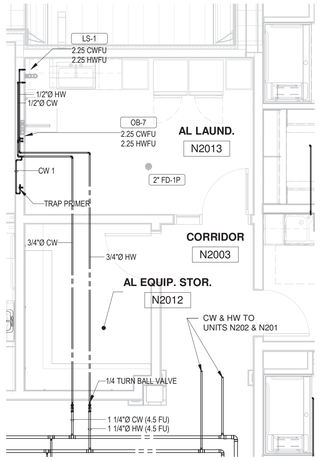

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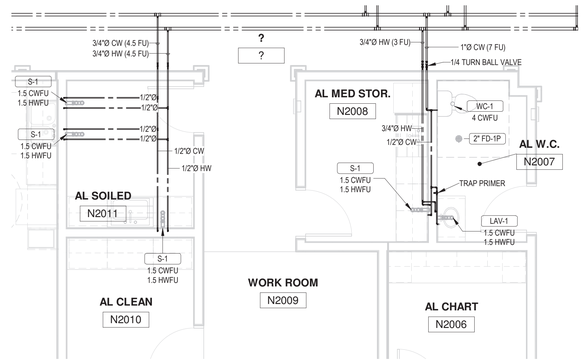

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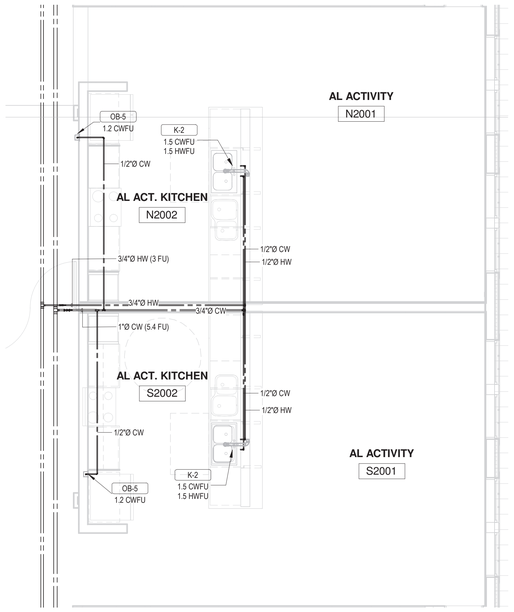
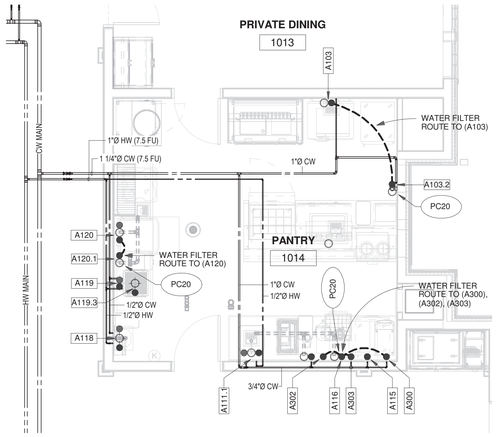


4 P4.04 AL/MC LEVEL 2 / DOMESTIC WATER - ACTIVITY KITCHEN
1/4" = 1'-0"



5 P4.04 AL/MC LEVEL 1 / DOMESTIC WATER - PANTRY ROOM 1014
1/4" = 1'-0"

PANTRY 1014 EQUIPMENT DOMESTIC WATER SCHEDULE

Item #	Qty	Description	Manufacturer	Model	Water Size		Item #
					Cold	Hot	
A103	1	Electrical Combi-steamer	Rational	ICP XS 6-2/3	3/4"		A103
A103.2	1	Water Filter System, Combi	Rational	1900.1154US	1/2"		A103.2
A111.2	1	Faucet, Deck Mount	T&S Brass	B-0221-CR	1/2"	1/2"	A111.2
A115	1	Ice Machine/Dispenser	Scotsman	HID312A-1	3/8"		A115
A116	1	Water Filter System, Combination Applications	Everpure	EV933042	3/4"		A116
A118.1	1	Electronic Faucet w/ Hydro-Generator	T&S Brass	EC-3101-HG	1/2"	1/2"	A118.1
A119.1	1	Faucet, Deck Mount	T&S Brass	B-0133-CR-BC	1/2"	1/2"	A119.1
A119.3	1	Disposer, Garbage	Salvajor	200-SA-WSP	1/2"		A119.3
A120	1	Warewasher	Hobart	AM15VLT-2	1/2"	1/2"	A120
A120.1	1	Water Filter System, Warewashing	Everpure	EV979911	3/4"		A120.1
A300	1	Juice Dispenser	Bunn	37300.0002	3/8"		A300
A302	1	Iced Tea Brewer	Bunn	41400.0000	1/4"		A302
A303	1	Coffee Brewer	Bunn	23001.0006	1/4"		A303

PC20 WATER FILTER PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR - PLUMBING CONTRACTOR TO RUN TO ITEMS AS SHOWN. WATER FILTER HEIGHT AND LOCATION AS SHOWN ON ELEVATION OF FOOD SERVICE DRAWINGS

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Drawing
ENLARGED DOMESTIC WATER PIPING PLANS LEVEL 2

P4.04

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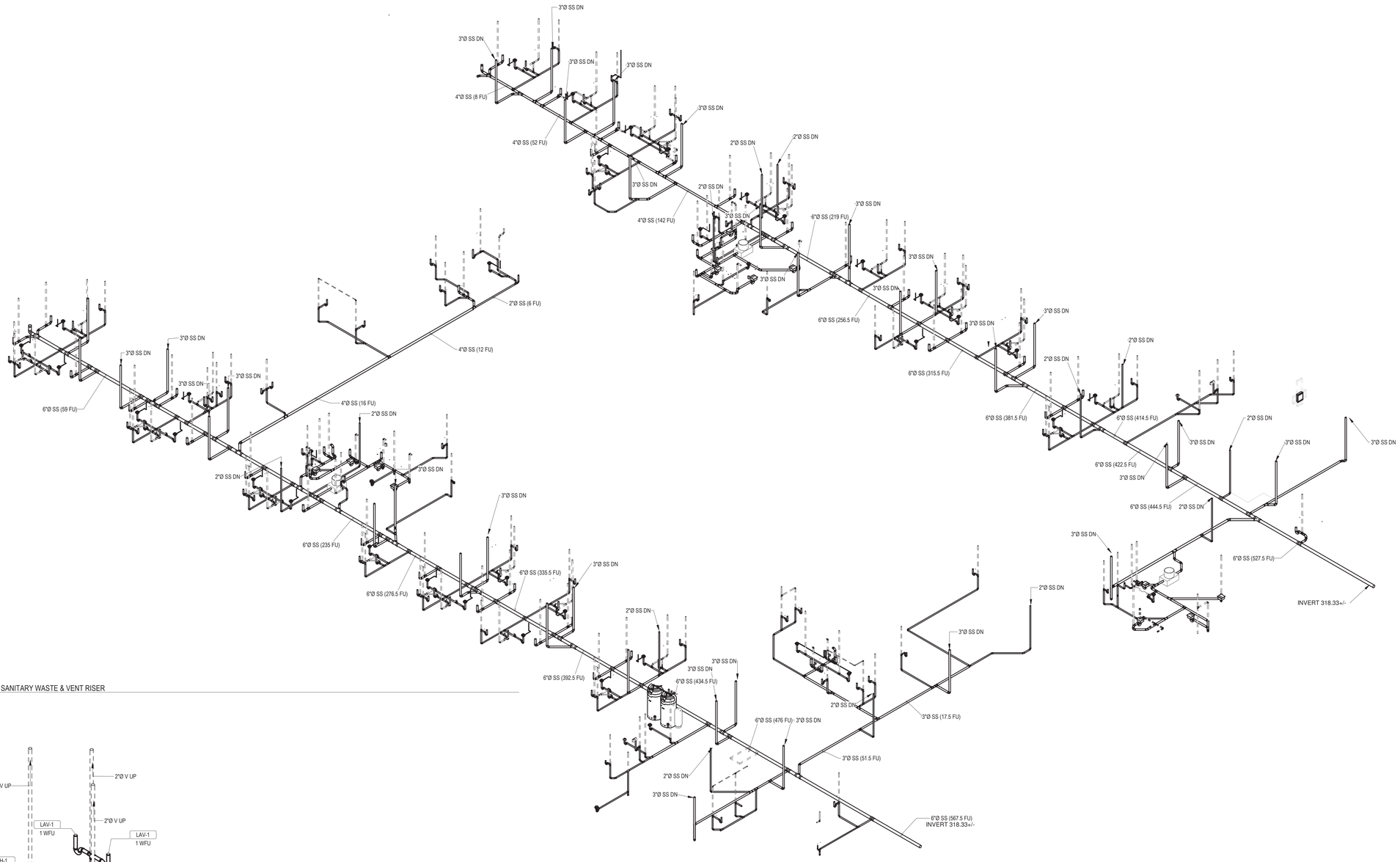
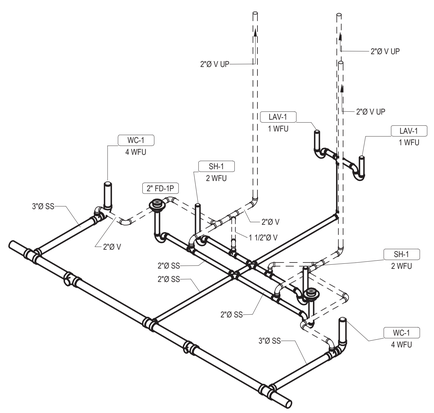
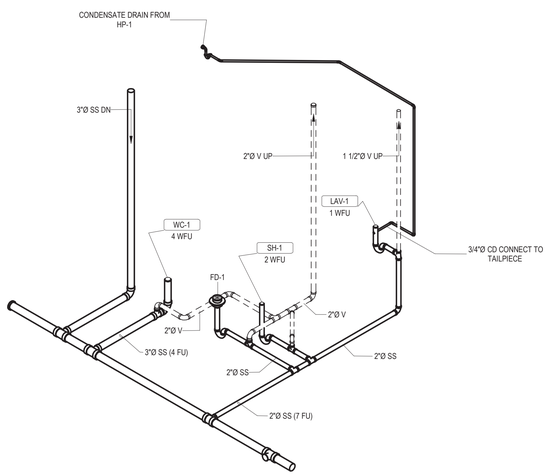


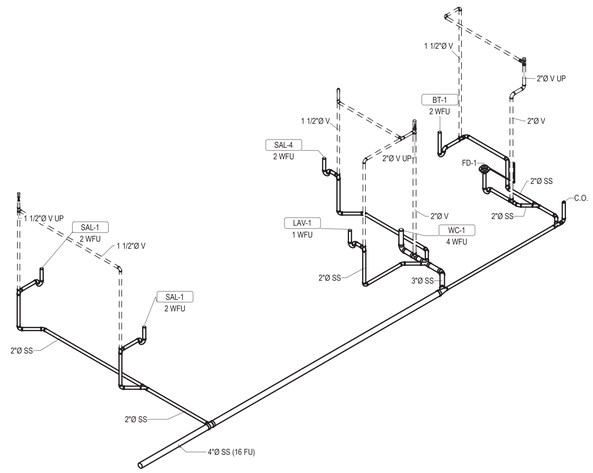
1 P5.01 AL/MC LEVEL 1 / SANITARY WASTE & VENT RISER
NOT TO SCALE



4 P5.01 ENLARGED TYP BACK TO BACK MC UNIT / SANITARY WASTE & VENT RISER



3 P5.01 ENLARGED TYP MC UNIT / SANITARY WASTE & VENT RISER



2 P5.01 ENLARGED TYP MC UNIT / SANITARY WASTE & VENT RISER

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SENIOR LIVING
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BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

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Date
4/30/21

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Drawing
SANITARY RISERS - LEVEL 1

P5.01

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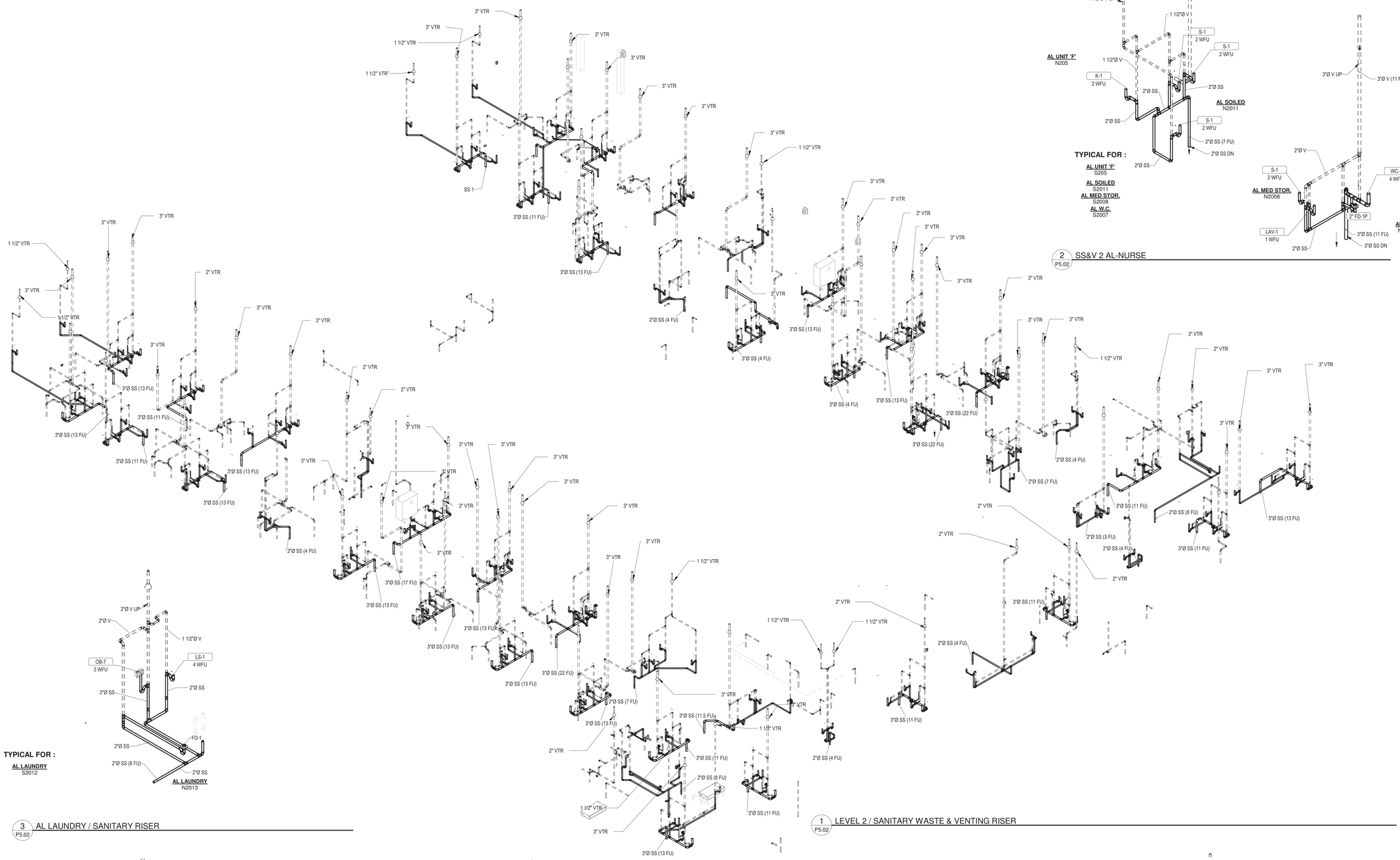
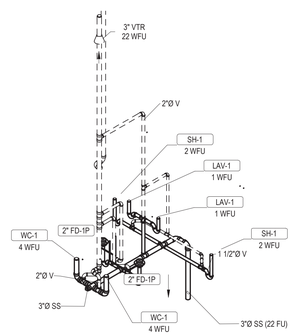


2 P5.02 SS&V 2 AL-NURSE

3 P5.02 AL LAUNDRY / SANITARY RISER

1 P5.02 LEVEL 2 / SANITARY WASTE & VENTING RISER



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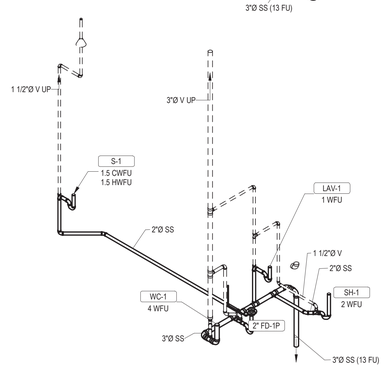
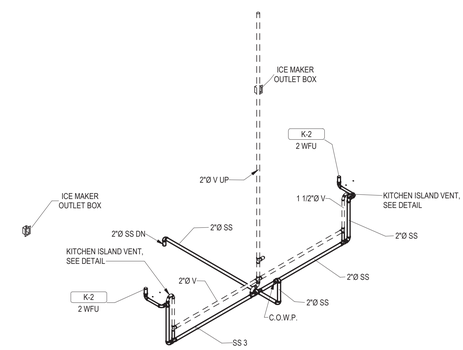


7 P5.02 AL / SANITARY RISER



5 P5.02 SS&V 2 Activity Kitchen

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P5.02

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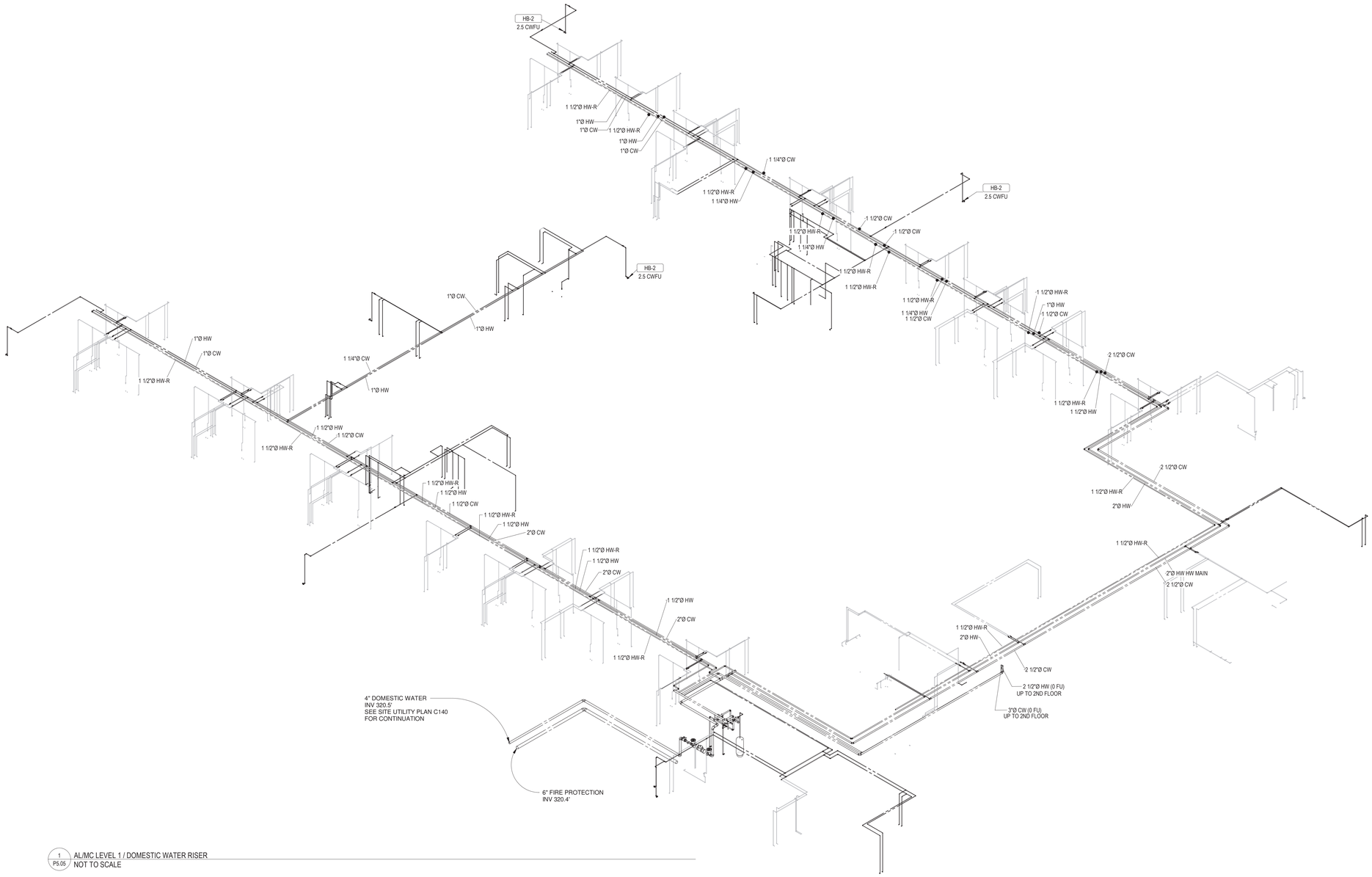

1 / P5.05 AL/MC LEVEL 1 / DOMESTIC WATER RISER
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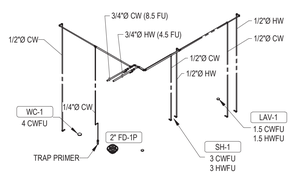

2 / P5.05 AL/MC LEVEL 1 / DOMESTIC WATER RISER - TYPICAL MC UNIT
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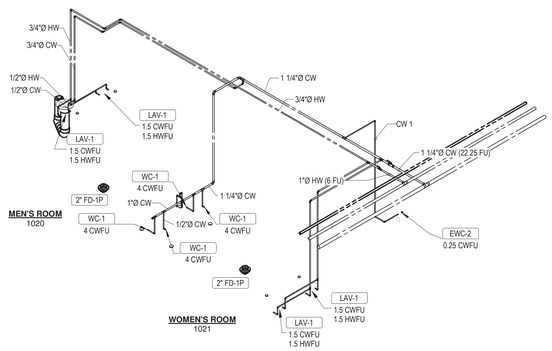

3 / P5.05 DOMESTIC WATER RISER - MEN'S & WOMEN'S TOILETS
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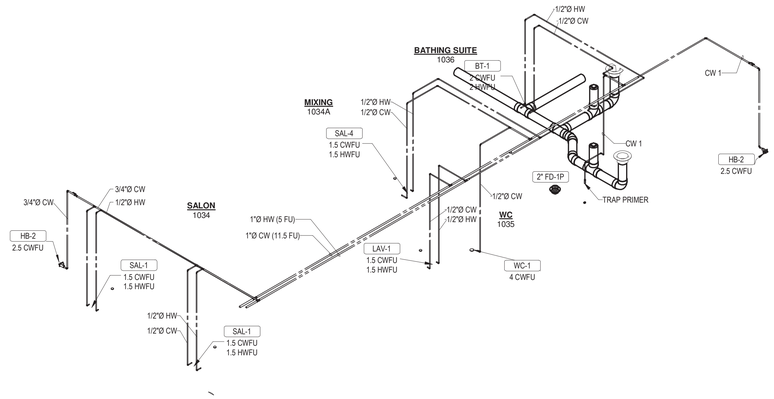

4 / P5.05 DOMESTIC WATER RISER - BATHING SUITE/SALON
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Drawing
DOMESTIC WATER RISERS - LEVEL 1

P5.05

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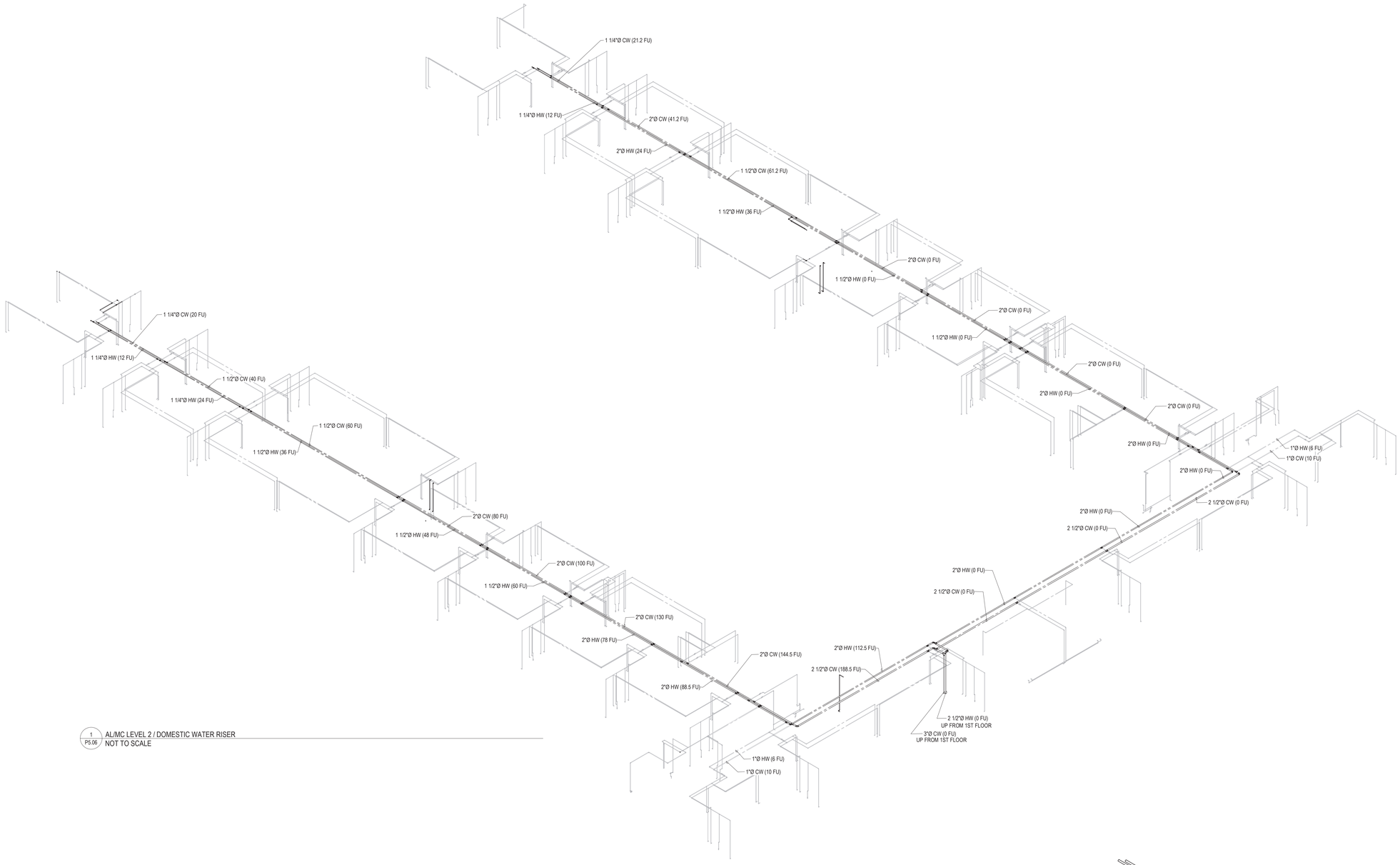

1 P5.06 AL/MC LEVEL 2 / DOMESTIC WATER RISER
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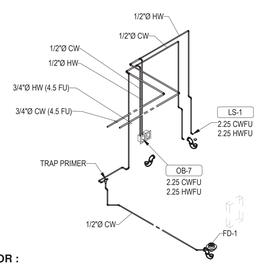
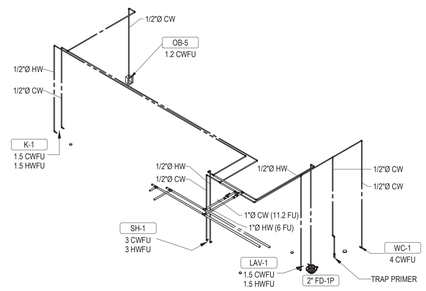


TYPICAL FOR :

AL LAUNDRY
S2012

AL LAUNDRY
N2013

2 P5.06 DOMESTIC WATER RISER - LAUNDRY ROOM N2013
NOT TO SCALE



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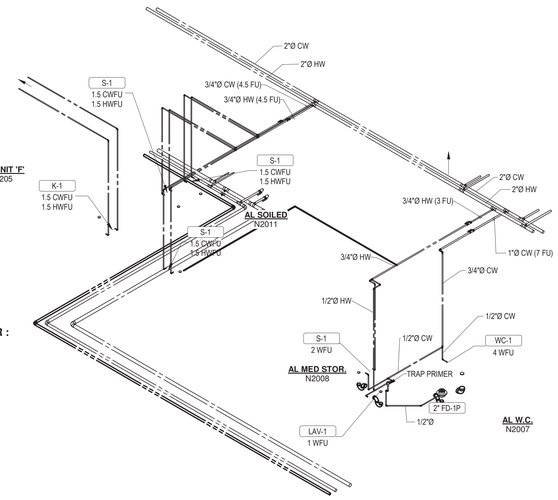

TYPICAL FOR :

AL UNIT 'F'
S205

AL SOILED
S2011

AL MED STOR.
S2008

AL W.C.
S2007

3 P5.06 AL/MC LEVEL 2 / DOMESTIC WATER RISER - NURSE'S SUITE
NOT TO SCALE

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DOMESTIC WATER RISERS - LEVEL 2

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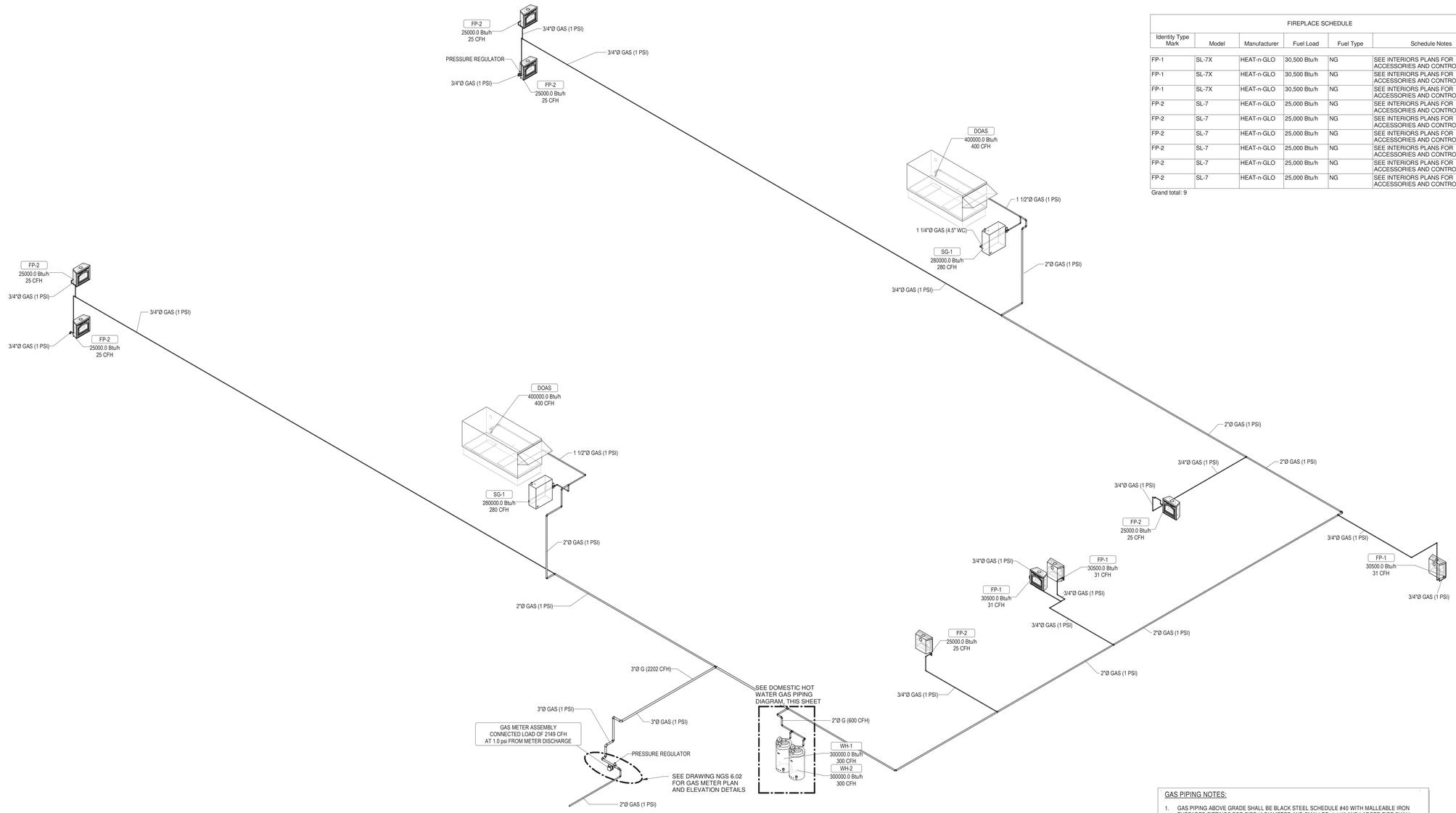


1 P5.07 AL/MC GAS RISER

FIREPLACE SCHEDULE					
Identity Type Mark	Model	Manufacturer	Fuel Load	Fuel Type	Schedule Notes
FP-1	SL-7X	HEAT-n-GLO	30,500 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-1	SL-7X	HEAT-n-GLO	30,500 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-1	SL-7X	HEAT-n-GLO	30,500 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS
FP-2	SL-7	HEAT-n-GLO	25,000 Btu/h	NG	SEE INTERIORS PLANS FOR ACCESSORIES AND CONTROLS

Grand total: 9

NOTES:

HIGH PRESSURE GAS PIPE SIZES BASED ON 2015 IFGC TABLE 402.4(4). "SCHEDULE 40 METALLIC PIPE" FOR PRESSURES LESS THAN 2 PSI WITH A PRESSURE DROP OF 6" W.C.

LOW PRESSURE GAS PIPE SIZES BASED ON 2015 IFGC TABLE 402.4(1). "SCHEDULE 40 METALLIC PIPE" FOR PRESSURES LESS THAN 2 PSI WITH A PRESSURE DROP OF 0.3" W.C.

"GAS HI" = 1 PSI (28" W.C.)
"GAS LOW" = 7" W.C.

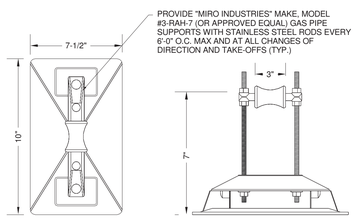
PLUMBING CONTRACTOR TO PROVIDE 1/2" VENT FOR ALL INDOOR GAS PRESSURE REGULATORS. PIPE VENT RELIEF TO ATMOSPHERE COORDINATE WITH LOCAL UTILITY COMPANY FOR GAS PRESSURE REGULATOR VENTING REQUIREMENTS.

NOTES:

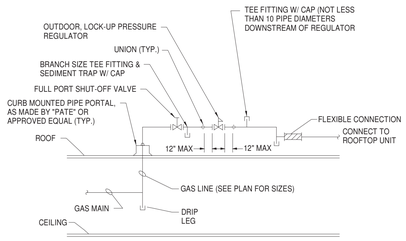
1. CONTRACTOR TO PROVIDE 1/2" VENT FOR ALL INDOOR GAS PRESSURE REGULATORS. PIPE VENT RELIEF TO ATMOSPHERE COORDINATE W/ LOCAL UTILITY COMPANY FOR GAS PRESSURE REGULATOR VENTING REQUIREMENTS.
2. ABOVE GROUND GAS PIPE SIZES BASED ON 2015 IFGC TABLE 402.4(1) "SCHEDULE 40 BLACK METALLIC PIPE WITH A PRESSURE DROP OF 0.3" W.C.

GAS PIPING NOTES:

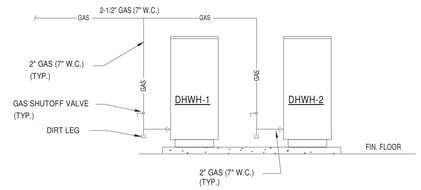
1. GAS PIPING ABOVE GRADE SHALL BE BLACK STEEL SCHEDULE #40 WITH MALLEABLE IRON THREADED FITTINGS FOR PIPE 1" DIAMETER AND SMALLER, 1-1/4" AND LARGER PIPE SHALL HAVE WELDED FITTINGS AND JOINTS. GAS PIPING BELOW GRADE SHALL BE POLYETHYLENE (PE) PIPE. REFER TO SPEC.
2. PIPING SHOULD BE RIGIDLY MOUNTED AND PROTECTED AGAINST VIBRATION.
3. INSTALL AN APPROVED LENGTH OF FLEXIBLE FUEL HOSE BETWEEN THE GENERATOR FUEL LINE CONNECTION POINT AND RIGID PIPING. THE FLEXIBLE CONNECTION SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 536 AND SHALL BE INSTALLED IN COMPLIANCE WITH ITS LABEL AND THE MANUFACTURER'S INSTALLATION INSTRUCTION.
4. INSTALL NORMALLY CLOSED NATURAL GAS SOLENOID VALVE (LISTED SAFETY SHUT OFF VALVE).
5. INSTALL BOTH MANUAL AND ELECTRIC (BATTERY-POWERED) SHUT OFF VALVE AHEAD OF THE FLEXIBLE FUEL HOSE. THE MANUAL VALVE SHALL BE THE INDICATING TYPE.
6. INSTALLED PIPING MUST BE PROPERLY PURGED AND LEAK TESTED, IN ACCORDANCE WITH APPLICABLE STANDARDS.
7. CONTRACTOR IS REQUIRED TO COORDINATE W/ LOCAL UTILITY COMPANY TO PROVIDE MIN. GAS PRESSURE OF 1/2 PSI. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS.
8. ALL GAS PRESSURE REGULATORS SHALL BE LOCKUP TYPE.
9. PROVIDE GAS SHUTOFF BALL VALVES FOR PIPE SIZES 2-1/2" & SMALLER. PROVIDE PLUG TYPE SHUTOFF VALVES FOR PIPE SIZES 3" & LARGER.
10. ALL INDOOR GAS PIPING SHALL BE PAINTED YELLOW (1 PRIMER & 2 FINISH COATS). ALL OUTDOOR GAS PIPING SHALL BE PAINTED GRAY (1 PRIMER & 2 FINISH COATS).
11. ALL INDOOR GAS VENTS SHALL BE PAINTED BLACK (1 PRIMER & 2 FINISH COATS). ALL OUTDOOR GAS VENTS SHALL BE PAINTED TO MATCH EXTERIOR FINISH (1 PRIMER & 2 FINISH COATS).



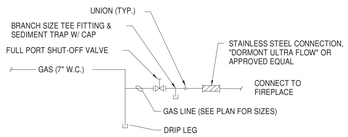
GAS PIPE ROOF SUPPORT DETAIL
N.T.S.



RTU GAS CONNECTION DETAIL
N.T.S.



DOMESTIC HOT WATER SYSTEM GAS PIPING DIAGRAM
N.T.S.



FIREPLACE GAS CONNECTION DETAIL
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1/8" = 1'-0"

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GAS RISERS & DETAILS

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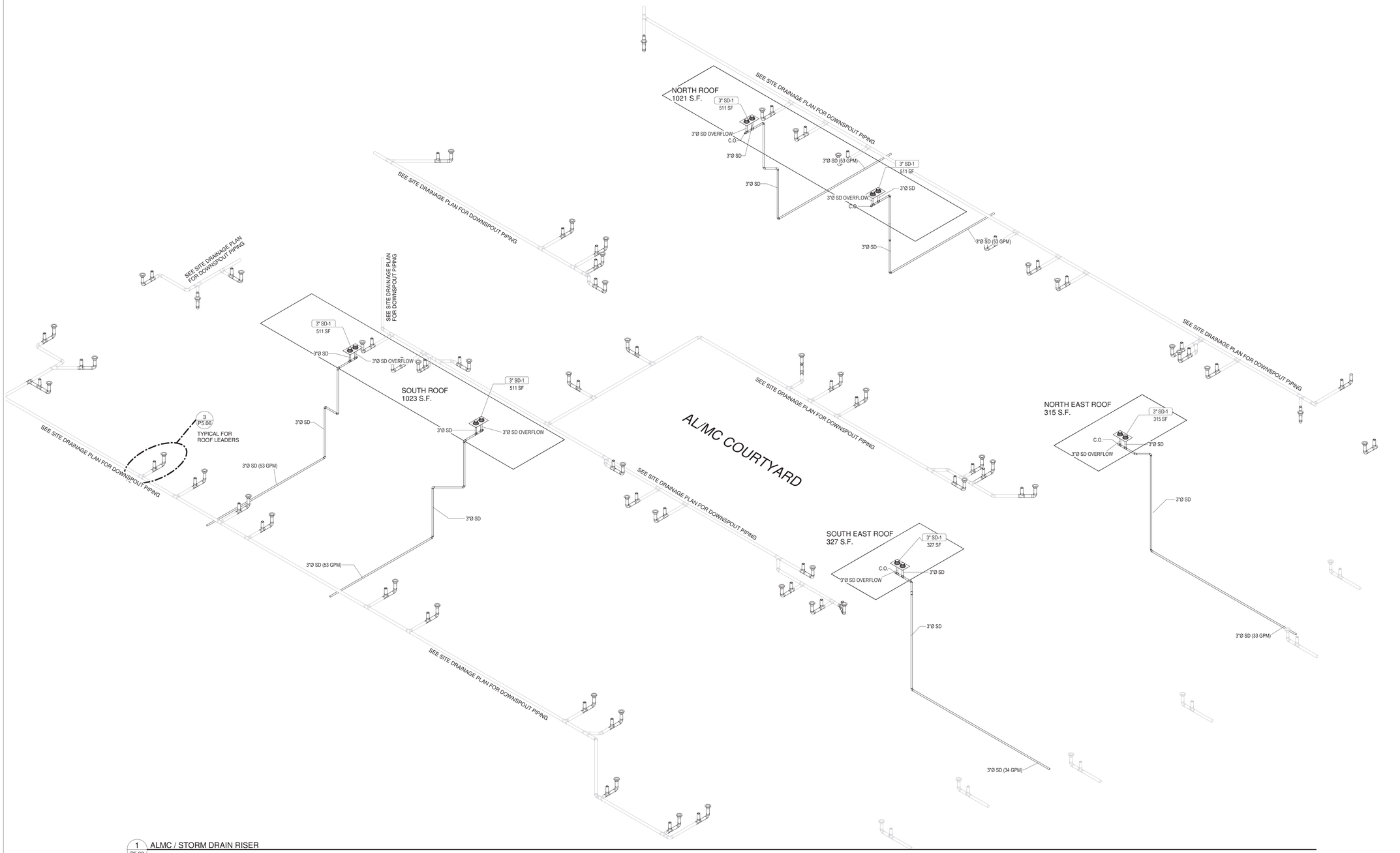


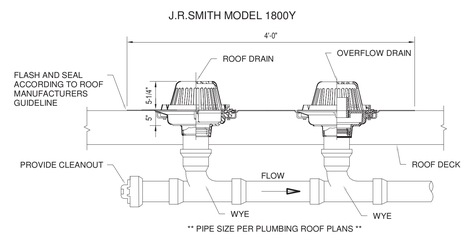
1 P5.08 ALMC / STORM DRAIN RISER

STORM DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION: DRAIN BODY	MATERIAL DESCRIPTION: STRAINER	WASTE PIPE SIZE	SPECIFICATION	REMARKS
SD-1	COMBINATION DRAINS	J.R. SMITH	1800Y	6	LACQUERED CAST IRON	POLYETHYLENE	3"	COMBINED LARGE SUMP ROOF DRAIN AND SECONDARY OVERFLOW SYSTEM, CONSISTING OF 24" X 48" GALVANIZED SUMP RECEIVER, TWO ROOF DRAIN BODIES WITH 15" DIAMETER ANCHOR FLANGE, CAST IRON WATERPROOFING MEMBRANE CLAMP RINGS WITH INTEGRAL GRAVEL STOP, ONE 4" ABS OVERFLOW STANDPIPE AND TWO SELF-LOCKING DOME STRAINERS WITH A COMBINED FREE AREA OF 250 SQUARE INCHES.	
Grand total: 6									

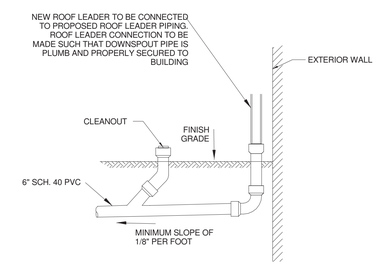
STORM DRAIN CALCULATIONS

ID	DESCRIPTION	SIZE	DESCRIPTION	PROJECTED AREA	RAINFALL RATE (INCH/HR)	SIZING: FLOW	SIZING: AREA
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	511 SF	5	27 GPM	511
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	511 SF	5	27 GPM	511
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	327 SF	5	17 GPM	327
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	315 SF	5	16 GPM	315
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	511 SF	5	27 GPM	511
SD-1	COMBINATION DRAINS	3"	Primary Storm Out	511 SF	5	27 GPM	511
Grand total: 6				2686 SF		140 GPM	



ROOF DRAIN AND OVERFLOW DRAIN COMBINATION PIPING DETAIL

2 P5.08 TYPICAL ROOF DRAIN DETAIL 1/8" = 1'-0"



3 P5.08 ROOF LEADER CONNECTION DETAIL AT GRADE 1/4" = 1'-0"

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HCM/LCS

BROADVIEW
SENIOR LIVING
AT PURCHASE COLLEGE

BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

hord | coplan | macht

ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

STATE OF NEW YORK · THOMAS WIGHARD · 090385 · LICENSED PROFESSIONAL ENGINEER

LAN ASSOCIATES
Engineering, Planning, Architecture, Surveying, LLP

LAN JOB #1308.01
PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF NEW YORK.
LICENSE NUMBER: 090385
EXPIRATION DATE: 10/31/23

no.	date	revision

Project Name
BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

4.1308.01

Date
4/30/21

Scale
As indicated

Drawing
STORM RISERS & DETAILS

P5.08

PERMIT / GMP SET

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4/30/2021 12:44:06 PM

DOMESTIC FIXTURE SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION	FINISH	TRIM MANUFACTURER	TRIM MODEL	TRIM TYPE	TRIM MOTION SENSOR CONTROL	FLOW FIXTURE WATER FLOW	FLOW FIXTURE TIMER DURATION (SEC)	FLOW FIXTURE CWT	FLOW FIXTURE HWT	FLOW FIXTURE MAX. MWT	FLUSH FIXTURE VOL. PER FLUSH	FLUSH FIXTURE MIN. VOL. PER FLUSH	WASTE ROUGH-IN PIPE SIZE	INDIRECT WASTE PIPE SIZE	VENT PIPE SIZE	COLD WATER ROUGH-IN PIPE SIZE	HOT WATER ROUGH-IN PIPE SIZE	SPECIFICATION	REMARKS
BT-1	BATHTUB - ADA	RANE TUBS	RH6	1	WHITE VIKRELL	WHITE			MANUAL	No	1 GPM	300	40 °F	120 °F	105 °F				2"		1/2"	1/2"	FREESTANDING TUB w/ LOW THRESHOLD DOOR. 12-JET AIR SPA w/GRAB BARS, ASSE 1016 COMPLIANT TYPE "T/P" THERMOSTATIC/PRESSURE BALANCING COMBINATION MIXING VALVE WITH ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN. PROVIDE MANUFACTURER'S FLOW RATE RESTRICTOR ON SHOWERHEAD. INSTALL ALL FIXTURES AND ACCESSORIES PER ADA REQUIREMENTS.	
EWC-2	WATER COOLER - DUAL HEIGHT	ELKAY	EZSTL8WSSK	2	GALVANIZED STEEL	STAINLESS STEEL CABINET				No	0 GPM	15	40 °F		40 °F			2"		1-1/2"	1/2"		TWO LEVEL WALL HUNG WATER COOLER WITH BOTTLE FILLING STATION. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, SELF CLOSING EASY TOUCH SIDE AND FRONT PUSHBAR CONTROLS, FLEXIGUARD SAFETY BUBBLER, REFRIGERATING SYSTEM, AIR COOLED, 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE.	
EWC-3	BOTTLE FILLING STA - ADA	ELKAY	EZ- H2O	2	GALVANIZED STEEL	STAINLESS STEEL CABINET				No	0 GPM	15	40 °F		40 °F			2"		1-1/2"	1/2"		SINGLE LEVEL WALL HUNG BOTTLE FILLING STATION. THE UNIT SHALL BE COMPLETE WITH CABINET, MOUNTING FRAME, SELF CLOSING EASY TOUCH FRONT CONTROLS, REFRIGERATING SYSTEM, AIR COOLED, 120 VOLT, 60 CYCLE, SINGLE PHASE POWER CONNECTION, FULLY AUTOMATIC, COMPLETE AND READY TO OPERATE. MOUNT UNIT AT ADA COMPLIANT HEIGHT.	
HB-2	HOSE BIBB-EXT	WOODFORD	MODEL 67	10					MANUAL	No	3 GPM	0	40 °F		40 °F						3/4"		Freezeless Wall Hydrant, 3/4" HOSE THREAD OUTLET, AND REMOVABLE "KEY" HANDLE. PROVIDE SHUTOFF VALVE IN COLD WATER SUPPLY AHEAD OF HOSE BIBB.	
JS-1	JANITOR SINK	MUSTEE	63M	XX	POLYPROPYLENE		MUSTEE	63.600A	MANUAL	No	3 GPM	0	40 °F	120 °F	105 °F				3"		3/4"	3/4"	SERVICE BASIN, 24"x24"x10" WITH CHROME PLATED 3" DRAIN AND CAST IRON TRAP. FAUCET SHALL INCLUDE PAIL HOOK AND ATMOSPHERIC VACUUM BREAKER SPOUT. FURNISH 65.700 SERVICE HOSE HOSE AND FITTINGS. SERVICE MOP HANGER	
K-1	KITCHENETTE SINK	KOHLER	K-3177	XX	STAINLESS STEEL	STAINLESS STEEL	DELTA	9181-DST	MANUAL	No	1 GPM	240	40 °F	120 °F	105 °F			2"		2"	1/2"	1/2"	DOUBLE COMPARTMENT, UNDERMOUNT, SWIVEL FAUCET. ONE KOHLER K-3190 RACK, K-3277 BASKET, K8801 STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.	
K-2	ACTIVITY KITCHEN SINK	KOHLER	K-8679-SUA3	XX	STAINLESS STEEL	STAINLESS STEEL	DELTA	9181-DST	MANUAL	No	1 GPM	240	40 °F	120 °F	105 °F			2"		2"	1/2"	1/2"	DOUBLE COMPARTMENT, UNDERMOUNT, SWIVEL FAUCET. ONE KOHLER K-9238 RACK, K8801 STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.	
LAV-1	LAVATORY - COUNTERTOP	KOHLER	VERTICYL K-2882-0	79	WHITE VITREOUS CHINA	WHITE	AMERICAN STANDARD	6059.202	ELECTRONIC	Yes	1 GPM	12	40 °F	120 °F	105 °F			2"		1-1/2"	1/2"	1/2"	COUNTERTOP LAVATORY, FAUCET HOLES ON 4" CENTERS. DECK-MOUNTED FAUCET, EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE AMERICAN STANDARD 605XTMV, GRID DRAIN, LOOSE KEY ANGLE STOPS AND SUPPLIES. INSULATE WATER AND WASTE WITH ADA INSULATION KIT ASNEEDED. MOUNT AT ADA COMPLIANT HEIGHT.	
LS-1	LAUNDRY SINK	MUSTEE	14CP	4	POLYPROPYLENE		-	-	MANUAL	No	3 GPM	0	40 °F	120 °F	105 °F			2"		2"	1/2"	1/2"	LAUNDRY BASIN MUSTEE PACKAGE 14CP UTILATUB, 6" SWING FAUCET, PVC TRAP & TAILPIECE, DRAIN STOPPER.INCLUDES STEEL LEGS AND FLEX SUPPLY LINES. PROVIDE VACUUM BREAKER SPOUT.	
OB-5	ICE MAKER OUTLET BOX	SIOUX CHIEF	696-RG1010MF	5	ABS PLASTIC	WHITE				No	0 GPM	0	40 °F	120 °F	105 °F						1/2"		FULLY RECESSED FIRE RATED ICE MAKER SUPPLY BOX WITH COVER. PROVIDE 1/4 TURN BALL VALVES AND WATER HAMMER ARRESTORS IN BOX.	
OB-7	WASHING MACHINE OUTLET BOX	SIOUX CHIEF	696-R2313MF	4	ABS PLASTIC	WHITE				No	1 GPM	0	40 °F	120 °F	105 °F			2"		2"	1/2"	1/2"	FULLY RECESSED FIRE RATED WASHING MACHINE SUPPLY BOX WITH COVER. PROVIDE 1/4 TURN BALL VALVES AND WATER HAMMER ARRESTORS IN BOX. PROVIDE A 2" TRAPPED STANDPIPE IN CONCEALED WALL SPACE.	
S-1	SINGLE BOWL SINK	ELKAY	LRAD221955-3	XX	STAINLESS STEEL	STAINLESS STEEL	ELKAY	LK1000	MANUAL	No	1 GPM	240	40 °F	120 °F	105 °F				2"		1/2"	1/2"	SINGLE COMPARTMENT, ADA COMPLIANT, SELF-RIMMING, 18 GAUGE. SINGLE LEVER SWIVEL FAUCET. ONE ELKAY MODEL NO. LK35 BASKET STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.	
SAL-1	SALON STATION - FIXED	BLEVEDERE MALETTI	8600	3	TBA	TBA			MANUAL	No	1 GPM	12	40 °F	120 °F	105 °F			2"		1-1/2"	1/2"	1/2"	PORCELAIN ENAMEL CAST IRON BOWL w/ wall mounting bracket and flexible drain hose. Adjustable tilt 10 degrees forward from center and 5 degrees back from center. Wall-mount bracket & flexible drain hose included. STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. PROVIDE HAIR TRAP. PROVIDE WATTS UNDER SINK GUARDIAN MODEL LFUSG-B (ASSE 1070) LIMIT OUTLET TEMPERATURE TO 110°F MAX.	
SAL-2	SHAMPOO STATION-ADJUSTABLE	ADJUST-A-SINK	E140 #3050	1	TBA	TBA			MANUAL	No	1 GPM	12	40 °F	120 °F	105 °F			2"		1-1/2"	1/2"	1/2"	Adjust-a-Sink series E140 electric elevating sink; complete with Comfort Fit 3050 solid surface shampoo bowl, faucet valve with whiz spray, vacuum breaker and strainer basket filter, chrome plated lift system, laminated mounting panels, steel drain shroud. Bowl & Laminate color is to be SELECTED BY OWNER. STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. PROVIDE HAIR TRAP. PROVIDE WATTS UNDER SINK GUARDIAN MODEL LFUSG-B (ASSE 1070) LIMIT OUTLET TEMPERATURE TO 110°F MAX.	
SAL-3	PEDI-SPA	CONTINUUM FOOTSPAS	ECHO LE	1	STAINLESS STEEL	STAINLESS STEEL	-	-	-	No	1 GPM	240	40 °F	120 °F	105 °F			1"		1"	1/2"	1/2"	PROVIDE DRAIN PUMP KIT AND SOLID SERVICE BASIN. ROUGH-IN ACCORDING TO MANUFACTURERS RECOMMENDATIONS, BACKFLOW PREVENTION IS PROVIED, BASIN CAPACITY IS 4.75 GAL. P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.	
SAL-4	SALON MIXING SINK	ELKAY	LR2522	1	TBA	TBA	AMERICAN STANDARD	7500.178	MANUAL	No	1 GPM	12	40 °F	120 °F	105 °F			2"		1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT, COUNTER TOP, 18 GAUGE. SINGLE LEVER SWIVEL FAUCET. ONE ELKAY MODEL NO. LK35 BASKET STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS	
SAL-5	SPA SINK	KOHLER	VERTICYL K-2882-0	1	STAINLESS STEEL	STAINLESS STEEL	AMERICAN STANDARD	2506.145 W	MANUAL	No	1 GPM	240	40 °F	120 °F	105 °F			1-1/2"		1-1/2"	1/2"	1/2"	SINGLE COMPARTMENT, COUNTER TOP. SINGLE LEVER SWIVEL FAUCET. BASKET STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.	
SH-1	SHOWER STALL	BESTBATH	LBS3S26337A1F TB.V3	68			SEE NOTES BELOW	DELTA	MANUAL	No	1 GPM	300	40 °F	120 °F	105 °F			2"		1-1/2"	1/2"	1/2"	THE INDIVIDUAL SHOWER STALL AND ACCESSORIES IS DETAIL BELOW IN ANOTHER DIVISION. PROVIDE A SHOWER DRAIN AS SPECIFIED IN "SOIL, WASTE, AND VENT PIPING SYSTEMS." SHOWER SYSTEM WITH ASSE 1016 COMPLIANT TYPE "T/P" THERMOSTATIC/PRESSURE BALANCING COMBINATION MIXING VALVE WITH ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN. PROVIDE MANUFACTURER'S FLOW RATE RESTRICTOR ON SHOWERHEAD.	
WC-1	WATER CLOSET - FLR MNT -TANK-ADA	TOTO	DRAKEII CST 454CEFG#01	77	WHITE VITREOUS CHINA	WHITE	TANK TYPE			No			40 °F		40 °F	1.28 gal	1.28 gal	3"		2"	1/2"		ELONGATED FLOOR MOUNTED 2 PIECE TANK TYPE WATER CLOSET, TORNADO FLUSH 1.28 GPF, WITH SC534 ELONGATED OPEN FRONT SEAT. PROVIDE A 1/4" BRASS BALL VALVE AT WALL CONNECTION. UNIVERALS HEIGHT, COLOR TO BE SELECTED BY OWNER	

Grand total: 320

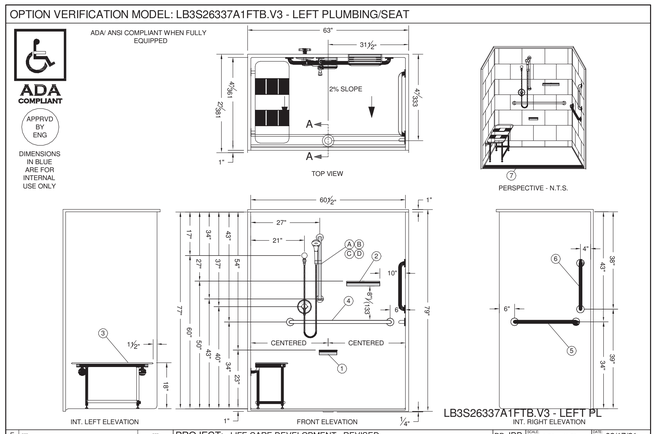
FLOOR DRAIN SCHEDULE

ID	DESCRIPTION	MANUFACTURER	MODEL	QTY	MATERIAL DESCRIPTION DRAIN BODY	MATERIAL DESCRIPTION STRAINER	PRIMER CONNECTION	WASTE PIPE SIZE	VENT PIPE SIZE	PRIMER PIPE SIZE	SPECIFICATION	REMARKS
FD-1	FLOOR DRAIN	WATTS	FD-100-A	2	EPOXY COATED CAST IRON	NICKEL BRONZE	No	2"	2"		EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FD-1	FLOOR DRAIN	WATTS	FD-100-A	79	EPOXY COATED CAST IRON	NICKEL BRONZE	Yes	2"	2"	1/2 in	EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FD-1	FLOOR DRAIN	WATTS	FD-100-A	3	EPOXY COATED CAST IRON	NICKEL BRONZE	No	3"	2"		EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR WITH PRIMARY & SECONDARY WEEPHOLES, ADJUSTABLE ROUND HEEL PROOF NICKEL BRONZE STRAINER, AND NO HUB OUTLET.	
FS-3	FLOOR SINK	WATTS	FS-730	12	EPOXY COATED CAST IRON	ALUMINUM		3"	2"	---	12" SQUARE X 6" DEEP SANITARY FLOOR SINK WITH WHITE PORCELAIN ENAMEL COATED INTERIOR, LOOSE SET PORCELAIN ENAMEL COATED CAST IRON GRATE, ALUMINUM DOME BOTTOM STRAINER, AND NO HUB OUTLET.	

Grand total: 96

SH-1 - SHOWER STALL

OPTION VERIFICATION MODEL: LB3S26337A1FTB.V3 - LEFT PLUMBING/SEAT



REV		DATE
E	---	---
D	---	---
C	---	---
B	---	---
A	Added soap dishes	JMB 04/09/21

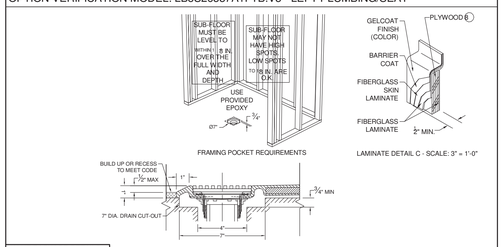
Model was LC3S32 CHANGE to LB3S26 CHANGE

PROJECT: LIFE CARE DEVELOPMENT - REVISED
COMPANY: LB3S26337A1FTB.V3 - LEFT PLUMBING/SEAT
LIFE CARE D
DB:JDP | SCALE 1/2" = 1'-0" | DATE 02/17/21
CB:JMB | SHEET 1 OF 2 | DRAWING NO. 21904

NOTES:
- Rough-in stud opening +1/4" -0" nominal dimensions.
- All vertical accessory dimensions are measured from the floor of the shower.
- Best Bath Systems, Inc. retains ownership of all product designs, and any proprietary information may not be disclosed to its competitors, their agents or affiliates.

ACCEPTED AS CORRECT BY: Selected threshold height and type are compatible with flooring materials
X _____ /

OPTION VERIFICATION MODEL: LB3S26337A1FTB.V3 - LEFT PLUMBING/SEAT



VALVE PACKAGE DETAILS:

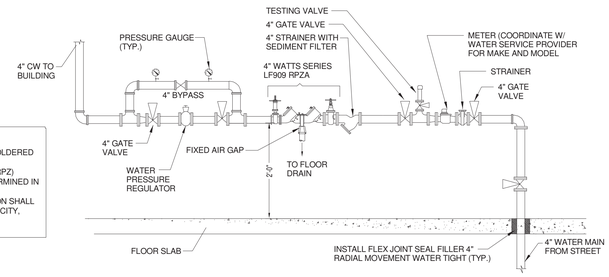
KEY	QTY.	DESCRIPTION	COLOR	PART NUMBER	FACTORY INSTALLED	INSTALLED BY OTHERS	MARK LOCATION ONLY	PRE-DRILL HOLES
A	1	DELTA R10000-PX MXING ROUGH-IN VALVE WITH PEX CRIMP INLETS AND UNIVERSAL 1/2" OUTLETS		ACXDELT1094	✓			
PLUMBING TREE: COPPER PTD101 - DELTA STANDAR 20"				PTD101	✓			
PT NIPPLE SIZE: STANDARD 2" NIPPLE		SUPPLY TEST:	STANDARD	020PLUM1006	✓			
PLUMBING TREE CUSTOM PARTS:		1" PT MOUNTING BRACKET (INSTALL ON TEE)		020PLUM1043				
B	1	DELTA 50560 HAND SHOWER WALL SUPPLY ELBOW		ACXDELT1095	✓			
C	1	DELTA ACTIVTOUCH 51900 1.75 GPM MULTI-FUNCTION HANDSHOWER PACKAGE W/ SLIDE BAR, HOSE, & HOLDER		ACXDELT1096	✓			
D	1	DELTA T17058 LAHARA MONITOR 17 SERIES DUAL FUNCTION PRESSURE BALANCED VALVE TRIM ONLY W/ INTEGRATED VOLUME CONTROL - LESS ROUGH-IN VALVE		ACXDELT1097	✓			

FOR THE PROTECTION OF YOUR ACCESSORIES, SOME ITEMS INCLUDED IN THE VALVE PACKAGE WILL NOT BE INSTALLED AT THE FACTORY. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO, THE SUPPLY ELBOW, VACUUM BREAKER, HOSE, AND HAND SHOWER.

PARTS LIST

KEY	QTY.	DESCRIPTION	COLOR	PART NUMBER	FACTORY INSTALLED	INSTALLED BY OTHERS	MARK LOCATION ONLY	PRE-DRILL HOLES
8		FULL PLYWOOD BACKING			✓			
7	-	LINEAR SS TRENCH GRATE WITH BRASS NO-CAULK DRAIN INLCUDED		KACXGRATE1037		✓		✓
6	1	18" x 1-¼" GRAB BAR - POWDER COATED WHITE	PC WHITE	GB18QSSW	✓			
5	1	24" x 1-¼" GRAB BAR - POWDER COATED WHITE	PC WHITE	GB24QSSW	✓			
4	1	39" x 1-¼" GRAB BAR - POWDER COATED WHITE	PC WHITE	GB39QSSW	✓			
3	1	32"x15" FOLD DOWN SEAT WITH SWING DOWN LEGS, POWDER COATED WHITE	PC WHITE	TBD	✓			
2	1	13" WALL MOUNTED SOAP DISH, POLISHED	POLISHED	ACXSD13PS	✓			
1	1	7" WALL MOUNTED SOAP DISH, POLISHED	POLISHED	ACXSD7PS	✓			

NOTES:
WP2 LIFE CARE D
DATE 02/17/21
DRAWING NO. 21904
REFER TO SHEET 1 OF 2 FOR ACCESSORY LOCATIONS
SHEET 2 OF 3



NOTES:
1. PIPING DETAIL IS SCHEMATIC ONLY. USE COPPER "L" PIPING W/ SOLDERED FITTINGS & BALL VALVES (LEAD FREE).
2. PROVIDE 1/2" DIA. PIPE SUPPORTS FOR BACKFLOW PREVENTER (RPZ) ASSEMBLY & HORIZONTAL PIPING. THE QUANTITY SHALL BE DETERMINED IN FIELD.
3. RPZA SHALL BE INSTALLED MIN. 12" FROM THE WALL. INSTALLATION SHALL CONFORM WITH LOCAL WATER COMPANY REGULATIONS AND ALL CITY, COUNTY AND STATE HEALTH DEPARTMENT REQUIREMENTS.

WATER METER w/BACKFLOW PREVENTER PIPING DETAIL

NOT TO SCALE

LEGEND

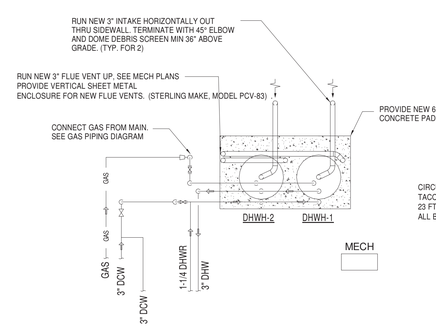
DCW	NEW DOMESTIC COLD WATER PIPING
DHW	NEW DOMESTIC HOT WATER PIPING
DHWR	NEW DOMESTIC HOT WATER RETURN PIPING
GAS	GAS LINE
	NEW BALL VALVE SHUTOFF
	NEW GAS SHUTOFF VALVE

DOMESTIC HOT WATER HEATER SCHEDULE

(A.O. SMITH AS STANDARD)

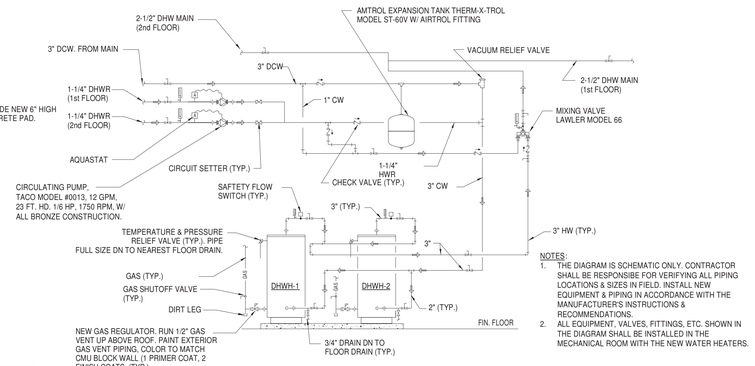
TAG No.	QUAN.	LOCATION	SERVICE	GAS INPUT (MBH)	RECOVERY RATE @ 100°F RISE (GPH)	STORAGE CAPACITY (GAL)	THERMAL EFFICIENCY %	FLUE SIZE	ELECTRIC DATA VOLT/PH/HZ	MODEL & MANUFACTURER		SIZE	REMARKS
DHWH-1 DHWH-2	2	-	DOMESTIC HW SYSTEM	300	349	119	96	3"□	115/1/60	BTH-300 Mei	A.O. SMITH	27.75□ x 74.5" H	SEE NOTE

NOTES:
1. PROVIDE TEMPERATURE & PRESSURE RELIEF VALVE, CONDENSATE DRAIN TEE. SEE PIPING DETAIL.
2. PROVIDE SIDEWALL INTAKE AIR TERMINATION 45° ELBOW WITH DOME SHAPED DEBRIS SCREEN.
3. PROVIDE VENT TERMINATION 45° ELBOW WITH RECESSED DEBRIS SCREEN. VENT SHALL RUN VERTICALLY TO LEVEL 4 CEILING ABOVE AND TURN HORIZONTAL TO EXIT HIGH THRU THE WALL.



DOMESTIC HOT WATER SYSTEM PIPING PLAN

NOT TO SCALE



NOTES:
1. THE DIAGRAM IS SCHEMATIC ONLY. CONTRACTOR SHALL BE RESPONSIBE FOR VERIFYING ALL PIPING LOCATIONS & SIZES IN FIELD. INSTALL NEW EQUIPMENT & PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS & RECOMMENDATIONS.
2. ALL EQUIPMENT, VALVES, FITTINGS, ETC. SHOWN IN THE DIAGRAM SHALL BE INSTALLED IN THE MECHANICAL ROOM WITH THE NEW WATER HEATERS.

DOMESTIC HOT WATER SYSTEM PIPING DIAGRAM

NOT TO SCALE

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HCM/LCS

BROADVIEW
SENIOR LIVING
AT PURCHASE COLLEGE

BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)

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ARCHITECTURE
LANDSCAPE ARCHITECTURE
PLANNING
INTERIOR DESIGN

STATE OF NEW YORK · THOMAS WIGHARD · 090385 · LICENSED PROFESSIONAL ENGINEER

LAN ASSOCIATES
Engineering, Planning, Architecture, Surveying, LLP
LAN JOB #130831
PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER UNDER THE LAWS OF THE STATE OF NEW YORK.
LICENSE NUMBER: 090385
EXPIRATION DATE: 10/31/23

no.	date	revision

Project Name
BROADVIEW - SENIOR LIVING AT PURCHASE COLLEGE - ASSISTED LIVING & MEMORY CARE (AL/MC)
4.1308.01

Date
4/30/21

Scale
As indicated

Drawing
PLUMBING SCHEDULE & DETAILS

P6.01

PERMIT / GMP SET

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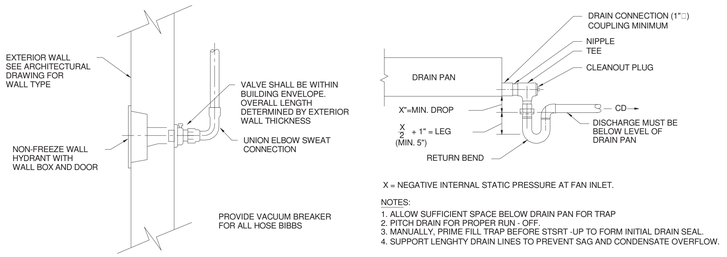
4/30/2021 12:44:10 PM



1 P6.02 WALL HYDRANT DETAIL
N.T.S.

2 P6.02 CONDENSATE DRAIN TRAP DETAIL
N.T.S.

3 P6.02 WASHING MACHINE RECESSD WALL BOX DETAIL (ELEVATION)
N.T.S.

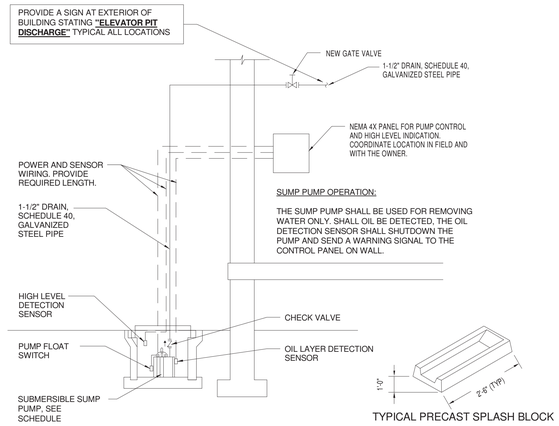
4 P6.02 KITCHEN ISLAND VENT DETAIL
N.T.S.

ELEVATOR SUMP PUMP SCHEDULE

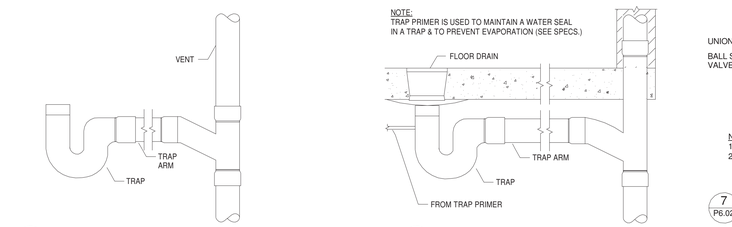
(GOULDS PUMP AS STANDARD)

Tag No.	LOCATION	GPM	HD (FT)	HP	RPM	ELECTRICAL DATA VOLT/PH/HZ	MODEL & MANUFACTURER		REMARKS
SP-1	ELEVATOR PIT	15	25	1/2	3450	115/1/60	MODEL 3885	GOULDS PUMP	SEE NOTE

NOTE: ELEVATOR SUMP PUMP. PROVIDE W/ GOULDS MODEL #ELKTWE0511H W/ CONTROL PANEL MODEL #A1SEE1, OIL SMART SWITCH, LIQUID SMART SENSOR, AND CHECK & SHUTOFF VALVES.

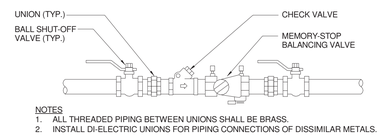


9 P6.02 ELEVATOR SUMP PUMP PIPING DETAIL
N.T.S.

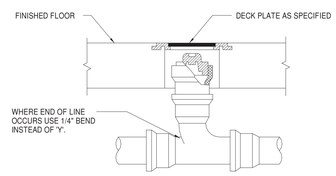


5 P6.02 TRAP DETAIL
N.T.S.

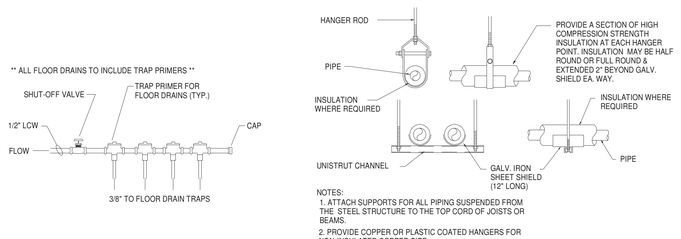
6 P6.02 TRAP PRIMER HOOK-UP
N.T.S.



7 P6.02 DHWR BALANCING ASSEMBLY DETAIL
N.T.S.

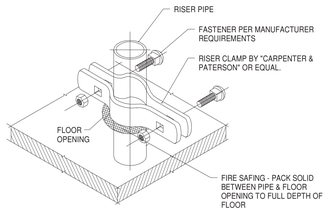


8 P6.02 FLOOR CLEANOUT DETAIL
N.T.S.

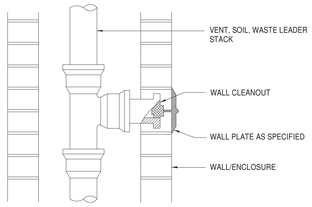


10 P6.02 TRAP PRIMER FEED DETAIL
N.T.S.

11 P6.02 PIPE SUPPORT HANGERS
N.T.S.



12 P6.02 PIPE RISER CLAMP
N.T.S.



13 P6.02 WALL CLEANOUT DETAIL
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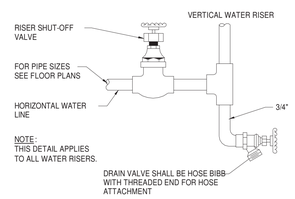
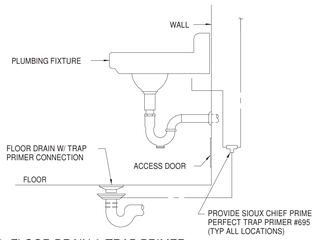


14 P6.02 RISER STOP & DRAIN VALVE
N.T.S.



15 P6.02 FLOOR DRAIN & TRAP PRIMER
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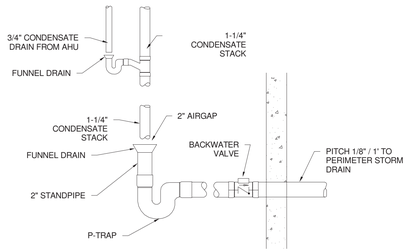
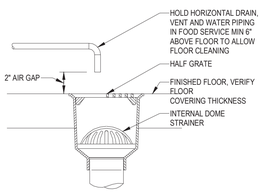
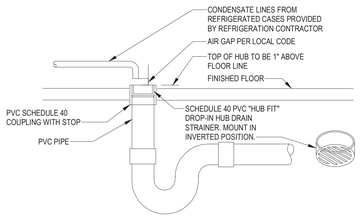


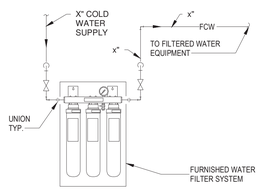
16 P6.02 CONDENSATE DRAIN STAND PIPE DETAIL
N.T.S.



17 P6.02 FLOOR SINK
1/8" = 1'-0"



18 P6.02 CONDENSATE DRAIN WITH RAISED HUB
1/8" = 1'-0"



19 P6.02 FOOD SERVICE WATER FILTER PIPING SCHEMATIC
1/8" = 1'-0"

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Drawing
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P6.02

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