

1. THE DRAWINGS ON THESE PLANS ARE DIAGRAMMATIC. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH OTHER TRADES TO PREVENT CONFLICTING STRUCTURE. NO EXTRA PAYMENTS WILL BE AUTHORIZED FOR REROUTING OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH OTHER SYSTEMS.
2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS AS REQUIRED FOR INSTALLATION OF HIS WORK.
3. THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS AS REQUIRED TO PROVIDE ACCESSIBILITY TO COMPONENTS (VALVES, TRAPS, CLEANOUTS, ETC.) IS REQUIRED FOR MAINTENANCE AND/OR SYSTEM OPERATION.
4. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND/OR SYSTEM.
5. ALL PENETRATIONS THROUGH FOUNDATIONS AND EXTERIOR WALLS SHALL BE PACKED WITH OAKUM AND SEALED WITH A WATERPROOF, NON-HARDENING SEALANT.
6. FURNISH AND INSTALL UNDER SINK PROTECTIVE PIPE COVER KITS ON EXPOSED PIPING AT ALL ADA ACCESSIBLE SINKS AND LAVATORIES.
7. COORDINATE FIXTURE ROUGH-INS AND INSTALLATIONS WITH THE ARCHITECTURAL PLANS.
8. ALL EXPOSED DOMESTIC WATER DISTRIBUTION PIPING IS TO BE INSULATED.
9. PROVIDE SHUT-OFF VALVES AT ALL BRANCH PIPING TAKE-OFFS (C/O) AND AT ALL CONNECTIONS TO EQUIPMENT. PROVIDE UNIONS AT ALL EQUIPMENT CONNECTIONS.
10. PROVIDE DRAINS WITH HOSE ADAPTERS AND CAPS ON PIPING AT ALL LOW POINTS. PROVIDE MANUAL VENTS ON PIPING AT ALL HIGH POINTS.
11. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL CONTRACTOR.
12. ALL REQUIRED MOTOR STARTERS SHALL BE FURNISHED BY THIS CONTRACTOR AND INSTALLED BY THE E.C.
13. ALL REQUIRED CONTROL EQUIPMENT AND WIRING SHALL BE FURNISHED & INSTALLED BY THIS CONTRACTOR.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXPANSION LOOPS AS NECESSARY IN ALL SUPPLY AND RETURN PIPING TO PROTECT PIPES AND STRUCTURE FROM DAMAGE DUE TO THERMAL EXPANSION AND CONTRACTION IN PIPES.
15. WHERE INSTALLATION OR REMOVAL OF BELOW-SLAB PIPING IS INDICATED IN EXISTING CONCRETE SLAB, THIS CONTRACTOR SHALL CUT-OUT AND EXCAVATE THE EXISTING SLAB AS REQUIRED. UPON COMPLETION OF WORK, THIS CONTRACTOR SHALL PATCH THE CONCRETE SLAB. FLOOR FINISH WORK BY G.C.
16. THE TERMS "PROVIDE" OR "FURNISH", AS USED ON THESE PLANS, INDICATE THAT THE CONTRACTOR IS TO FURNISH AND INSTALL THE NECESSARY EQUIPMENT AND MATERIALS TO OPERATE AS DESIGNED AS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM.
17. CONTRACTOR SHALL PROVIDE ALL COMPONENTS INDICATED ON DETAIL SHEETS, PLANS, SPECIFICATIONS AND ALL PERTINENT EQUIPMENT REQUIRED FOR A COMPLETE AND WORKABLE SYSTEM.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EXPANSION LOOPS AS NECESSARY IN ALL SUPPLY AND RETURN PIPING TO PROTECT PIPES AND STRUCTURE FROM DAMAGE DUE TO THERMAL EXPANSION AND CONTRACTION IN PIPES.
19. CONTRACT CLOSE OUT: IN THE PRESENCE OF THE OWNER, ENGINEER OR DEMONSTRATING OPERATION OF SYSTEMS AND THAT ALL SPECIFICATIONS HAVE BEEN MET TO THE SATISFACTION OF ALL PARTIES.
20. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE ALTERATIONS AND/OR NEW CONSTRUCTION AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS TO PROVIDE COMPLETE NEW CONSTRUCTION. HOWEVER, THE CONTRACTOR OPERATING AS DESIGNER IT IS NOT INTENDED THAT EVERY FITTING, MINOR DETAIL OR FEATURE BE SHOWN ON DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAIL NECESSARY FOR COMPLETION OF THESE SYSTEMS IN ACCORDANCE WITH GOOD PRACTICE.

- WHERE NOTED KITCHEN FIXTURES ONLY SHALL BE SERVED WITH (140°F) HOT WATER. (120°F) HOT WATER WILL SERVE HAND WASHING FIXTURES IN KITCHEN.
2. ALL OTHER AREAS SHALL BE SERVED WITH (110°F) HOT WATER. MAXIMUM OUTLET TEMPERATURE FOR ANY FIXTURE (EXCEPT THOSE IN KITCHEN) SHALL BE SET @ 100°F.
3. DRAIN PIPING SHOWN ON PLANS SHALL BE INSTALLED ABOVE THE FLOOR SHOWING (ABOVE CEILING OR BELOW SLAB OF UPPER FLOOR AS APPROPRIATE) UNLESS OTHERWISE NOTED.
4. ALL PLUMBING SUPPLY & VENT PIPING SHOWN SHALL BE INSTALLED IN THE CEILING OF THE FLOOR PLAN SHOWN, UNLESS OTHERWISE NOTED.
5. PLUMBING CONTRACTOR IS RESPONSIBLE FOR OWN CUTTING & PATCHING AS REQUIRED. FINISHING SHALL BE BY GENERAL CONTRACTOR.
6. INSTALL SECTORIALIZING VALVES AT ALL MAIN "1" ON DOMESTIC HOT & COLD WATER SERVICE.
7. VENT PIPING UNDER SLABS SHALL BE A MINIMUM OF 2".
8. WASTE PIPING UNDER SLABS SHALL BE A MINIMUM OF 2".
9. ALL PLUMBING FIXTURES AND TRIM SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS ALL ADA AND ANSI-A-117.1 REQUIREMENTS.
10. INSTALL CONDENSATION CONTROL INSULATION: MINIMUM 1"-THICK FOAM FOR ALL PIPE SIZES.
 - A. COOLING COIL CONDENSATION PIPING TO WASTE PIPING FIXTURE OR INLET. (COORDINATE W/ MECHANICAL CONTRACTOR).
 - B. PLUMBING PIPING AS FOLLOWS:
 - a. BODY OF ROOF DRAINS AND STORM PIPE OF HORIZONTAL & VERTICAL RUNS, & OFFSETS (INCLUDING ELBOWS) OF INTERIOR DOWN SPOUT PIPING IN ALL AREAS
 - b. WASTE PIPING FROM ELECTRIC WATER COOLERS TO DRAINAGE SYSTEM.
 - c. WASTE PIPING LOCATED ABOVE BASEMENT FLOOR FROM AIR HANDLING UNITS, FROM FIXTURE (INCLUDING TRAP) TO MAIN VERTICAL WASTE PIPE. (COORDINATE W/ MECHANICAL CONTRACTOR).
 - d. COLD WATER PIPING.
14. HOT & HOT WATER RETURN PIPING SHALL BE INSULATED PER WRITTEN SPECIFICATIONS AND NYS ENERGY CONSERVATION CONSTRUCTION CODE.
15. PLUMBING CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ROOF DRAINS AND FOR ADDITIONAL ROOF DRAIN WORK NOT SHOWN ON PLUMBING DRAWING.
16. ROOF LEADERS MUST BE CONVEYED INDEPENDENTLY FROM SANITARY SEWER SYSTEMS. (STORM DRAIN SHALL NEVER TIE INTO SANITARY SEWER SYSTEM).
17. UNLESS OTHERWISE NOTED, ALL VALVES 2" & SMALLER SHALL BE QUARTER-TURN BALL VALVES AND ALL VALVES 2½" & LARGER SHALL BE GATE VALVES. ALL VALVES SHALL BE OF FULL-PORT DESIGN.
18. PLUMBING CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
19. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCHING BEDDING AND BACK FILLING AS PER SPECIFICATIONS. ALL TRENCH WORK TO BE COORDINATED WITH THE GENERAL CONSTRUCTION CONTRACTOR.
20. ALL PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE SEALED FIRE AND SMOKE TIGHT WITH AN APPROPRIATE U.L. LISTED FIRESTOPPING MATERIAL AND OR SYSTEM.

1. EQUIPMENT SUPPLIED BY A VENDOR OTHER THAN THE KEC HAVE ALL PLUMBING, ELECTRICAL, AND HVAC MECHANICAL CONNECTIONS VERIFIED PRIOR TO CONSTRUCTION.
2. ALL ROUGH-INS MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE STATE & LOCAL CODES.
3. REFER TO EQUIPMENT SPECIFICATIONS BOOKLET FOR ADDITIONAL INFORMATION ON SUPPLIED KITCHEN EQUIPMENT.
4. ALL ROUGH-INS AND FINAL CONNECTIONS TO BE FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR.
5. GAS MAIN TO KITCHEN AREA REQUIRES A ELECTRIC-ACTUATED GAS SHUT OFF SOLENOID VALVE TO BE SUPPLIED & INSTALLED BY THE PLUMBING CONTRACTOR UNLESS OTHERWISE NOTED.
6. KITCHEN EQUIPMENT CONTRACTOR TO FURNISH GAS COORDINATION WITH ALL EXISTING REGULATORS & ALL OTHER APPURTENANCES REQUIRED PER MANUFACTURERS SPECIFICATIONS AND LOCAL CODES.
7. ALL INDIRECT DRAINS LINES ARE TO BE PIPED TO FLOOR DRAINS BY PLUMBING CONTRACTOR AND AIR GAPPED AS PER CODE.
8. PLUMBING CONTRACTOR TO FURNISH AND INSTALL HOT AND COLD WATER LINE WITH EXISTING VALVES AT ALL SPRAY SYSTEM UNIT MIXING VALVES.
9. KITCHEN EQUIPMENT TO BE PROVIDED & SET IN PLACE BY KITCHEN CONTRACTOR. ALL ROUGH-INS FINAL CONNECTIONS BY PLUMBING CONTRACTOR. COORDINATE WITH KITCHEN CONTRACTOR FOR EXACT LOCATIONS.
10. ALL FAUCETS FOR FOOD SERVICE EQUIPMENT FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR TO BE INSTALLED BY P.C.
11. SEE DWG (#) FOR ENLARGED KITCHEN LAYOUT PLAN, DETAILS, NOTES & MORE INFORMATION.
12. ALL APPURTENANCES AND SPECIALTIES REQUIRED FOR KITCHEN EQUIPMENT (GAS PRESSURE REGULATORS, WATER PRESSURE REDUCING VALVES, ETC.) TO BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR AND INSTALLED BY PLUMBING CONTRACTOR.

GAS PIPING NOTES:

1. GAS PRESSURE WITHIN BUILDING SHALL NOT EXCEED 1/2 PSIG. PRIOR TO CONNECTION TO GAS SERVICE. ALL INDOOR ABOVE GROUND GAS PIPING (NOT COATED OR WRAPPED) SHALL BE TESTED WITH AIR PRESSURE AT 15 PSIG FOR A PERIOD OF 1 HOUR WITH NO LOSS IN PRESSURE. ALL COATED OR WRAPPED GAS PIPING SHALL BE TESTED W/AIR PRESSURE AT 10 PSI FOR A MINIMUM OF 1 HOUR WITH NO LOSS IN PRESSURE.
2. COORDINATE INSTALLATION AND FINAL CONNECTION OF GAS LINES WITH KITCHEN CONTRACTOR & G.C.
3. ALL GAS PIPING SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, AS WELL AS NFPA-54.
4. GAS PIPING UNDER SLABS, AND CROSSING CORRIDORS SHALL HAVE GAS TIGHT VENTED SLEEVES. (VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS).
5. RELIEF VALVES AND NORMALLY OPEN VENT VALVES SHALL BE VENTED DIRECTLY AND INDEPENDENTLY TO THE OUTDOORS.
6. ALL GAS PIPING 3" & LARGER SHALL HAVE WELDED FITTINGS & CONNECTIONS. ALL GAS PIPING 2" & SMALLER SHALL HAVE GAS-TIGHT THREADED CONNECTIONS. W/ THREAD SEALANT APPROVED FOR NATURAL GAS SERVICE.
7. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR THE INSTALLATION OF THE NEW NATURAL GAS SERVICE TO BLDG. w/ LOCAL UTILITIES APPROXIMATELY THREE (3) WEEKS PRIOR TO START OF WORK. ALL GAS PIPING FROM MAIN UNDER STREET UP TO AND INCLUDING METER AT BLDG. SHALL BE BY UTILITY COMPANY. ALL TRENCHING, BEDDING & BACKFILL SHALL BE BY PLUMBING CONTRACTOR AS PER AIR & SOIL CONTAMINATION PREVENTION CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GAS PIPING FROM CONNECTION OF METER OUTLET TO THROUGHOUT BLDG. AS PER PLANS, SPECIFICATIONS, VULCANIZING CODES, NFPA-54, LOCAL CODES, AS WELL AS UTILITY COMPANY REQUIREMENTS. PLUMBING CONTRACTOR SHALL COORDINATE SCHEDULING REQUIREMENTS W/ SITE CONTRACTOR AS WELL PLUMBING CONTRACTOR SHALL APPLY & OBTAIN ALL PERMITS REQUIRED & PAY ALL FEES.
8. ALL GAS PIPING PASSING THROUGH MASONRY WALLS SHALL BE SLEEVED W/ SCH. 80 PVC.
9. COORDINATE INSTALLATION OF GAS PIPING w/ALL OTHER TRADES PRIOR TO INSTALLATION.

	DIRECTION OF FLOW
	ANCHOR
	PIPE GUIDE
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	PIPE DOWN TURN
	PIPE RISE
	UNION
	DIRECTION OF PIPE PITCH (DOWN)

— · — · — · — · — ·	COLD WATER SUPPLY
— CD —	CONDENSATE DRAIN
— · · · — · · · — · · ·	HOT WATER RETURN
— · · — · · — · · — · ·	HOT WATER SUPPLY
— IW —	INDIRECT WASTE
— SW —	SANITARY LINE
— ST —	STORM LINE
— — — — —	VENT PIPE

1. PIPE P&T VALVE TO FLOOR DRAIN.
2. PROVIDE BOILER DRAINS FOR EACH HEATER.
3. PROVIDE 4" CONCRETE HOUSEKEEPING PAD UNDER WATER HEATERS AND EXPANSION TANK.
4. PROVIDE UNIONS AT INLET AND OUTLET CONNECTIONS TO ALL EQUIPMENT.
5. ALL VALVES TO BE 1/4" TURN BALL VALVES, FULL PORT, UNLESS OTHERWISE NOTED.
6. INDEPENDENTLY SUPPORT PUMPS AS NECESSARY. ELECTRICAL CONNECTION BY E.C. CONTROL BY THIS CONTRACTOR.
7. MOTORIZED SOLENOID VALVES FOR SAFETY SHUTDOWN SHALL BE INSTALLED WITH AQUASTAT CONTROLLER SET AT +15°F ABOVE DELIVERY TEMPERATURE (ADJUSTABLE). VALVES SHALL BE SELF CONTAINED, AUTOMATIC RESETTING.

	OR		OR		GATE VALVE - THREADED/FLANGED
	OR		OR		GATE VALVE WITH 3/4" HOSE ADAPTER
	OR		OR		GLOBE VALVE - THREADED/FLANGED
	OR		OR		CHECK VALVE
	OR		OR		STRAINER
	OR		OR		Y-S TRAINER (WITH BALL VALVE & HOSE CONNECTION)
	OR		OR		STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR
	OR		OR		FLEXIBLE CONNECTION
	OR		OR		ANGLE GLOBE VALVE
	OR		OR		BUTTERFLY VALVE
	OR		OR		BALL VALVE
	OR		OR		CONTROL VALVE (CV) - FLOAT-OPERATED
	OR		OR		MODULATING CONTROL VALVE
	OR		OR		MODULATING CONTROL BUTTERFLY VALVE
	OR		OR		TWO POSITION CONTROL VALVE
	OR		OR		THREE-WAY MODULATING CONTROL VALVE
	OR		OR		THREE-WAY TWO POSITION CONTROL VALVE
	OR		OR		PRESSURE REGULATING VALVE
	OR		OR		PRESSURE REDUCING VALVE (PRV)
	OR		OR		TEMPERATURE & PRESSURE RELIEF VALVE
	OR		OR		SAFETY OR PRESSURE RELIEF VALVE
	OR		OR		AUTOMATIC BALANCING CONTROL VALVE
	OR		OR		WATER BALANCE DEVICE
	OR		OR		WATER FLOW MEASURING DEVICE
	OR		OR		CIRCUIT SETTER VALVE
	OR		OR		GATE VALVE WITH GLOBE-VALVED BYPASS
	OR		OR		TRIPLE DUTY VALVE
	OR		OR		WATER LEVEL CONTROLLER
	OR		OR		FLOW METER
	OR				

A	MEDICAL AIR
ACT	ACOUSTIC CEILING TILE
AD	ACCESS DOOR
ADF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
AW	ACID WASTE PIPE
BTUH	BRITISH THERMAL UNITS/HOUR
CLG	CEILING
CO	CLEAN OUT
CP	CONDENSATE PUMP
CW	DOMESTIC COLD WATER
DIA	DIAMETER
D	DRAIN
DN	DOWN
DP	DIFFERENTIAL PRESSURE
E.C.	ELECTRICAL CONTRACTOR
EGC	ENGINEERING CONTROL CENTER
EMD	END OF MAIN DRIP (STEAM)
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EXIST	EXISTING
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FLR.	FLOOR
FPC	FIRE PROTECTION CONTRACTOR
G.C.	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
G.SAN	"GREASE LADEN" SANITARY DRAINAGE PIPE
H.C.	HVAC CONTRACTOR
HP	HOT POWER
HWT	HIGH TEMP. HOT WATER RETURN PIPE (140°F)
HTWS	HIGH TEMP. HOT WATER PIPE (140°F)
HW	DOMESTIC HOT WATER PIPE (120°F)
HWR	DOMESTIC HOT WATER RETURN PIPE (120°F)
LBS/HR	POUNDS PER HOUR
LF	LINEAR FEET
MAX.	MAXIMUM
MBH	ONE THOUSAND BTUH
MER	MECHANICAL EQUIPMENT ROOM
MIN.	MINIMUM
MV	MEDICAL VACUUM
NOM.	NOMINAL
O.	OXYGEN
P	PUMP
P.C.	PLUMBING CONTRACTOR
PD	PRESSURE DROP (FEET OF WATER)
PRV	PRESSURE REDUCING VALVE
PSF	POUNDS PER SQUARE IN.
SD	SANITARY DRAINAGE PIPE
S.S.	STAINLESS STEEL
ST	STORM DRAINAGE PIPE
UH	UNIT HEATER
U.N.O.	UNLESS NOTED OTHERWISE
V	VENT
VI	VIBRATION ISOLATOR
VF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
WCO	WALL CLEAN OUT
WF	WATER FILTER
WFM	WATER FLOW MEASURING DEVICE
WH	WATER HEATER

	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	POINT OF DISCONNECT
	INDICATES SECTION LETTER
	INDICATES DRAWING NUMBER WHERE LOCATED
	PUMP

	PIPE DIAMETER (IN)	
	LESS THAN 1 1/2"	1 1/2" AND LARGER
COLD WATER	1/2"	1"
HOT WATER SUPPLY	1"	1 1/2"
HOT WATER RETURN	1/2"	1"

1. INSULATION SHALL HAVE A THERMAL CONDUCTIVITY (K-VALUE) OF .25 BTUxIN/(HRxFTx°F)
2. ALL EDGES SHALL BE CLEAN CUT.
3. ALL SEAMS AND BUTT JOINTS SHALL BE ADHERED AND SEALED USING ARMAFLEX 520 ADHESIVE (OR APPROVED EQUAL).
4. ALL EXPOSED END CUTS SHALL BE COATED WITH ARMAFLEX ADHESIVE (OR APPROVED EQUAL).
5. INSULATION AT HIGH END OF PIPING RUNS SHALL BE ADHERED DIRECTLY TO THE PIPING US A 1" STRIP OF 520 ADHESIVE ON THE INTERIOR DIAMETER FO THE INSULATION AND ON THE PIPE.



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PROJECT No: FILB 1501		DATE: 11/15/19	SCALE: AS SHOWN

CLIENT

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GP LLC**

Braemar at Montebello Assisted Living Residence

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

STATUS	REGULATORY REVIEW
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SHEET TITLE

PLUMBING: SYMBOLS, ABBREVIATIONS & NOTES

DRAWING NO.

P0.1

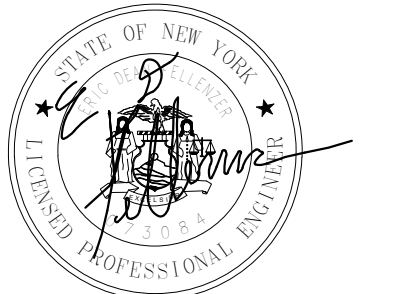
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**PLUMBING PARTIAL
BASEMENT FLOOR
DOMESTIC PIPING PLAN -
AREA A**

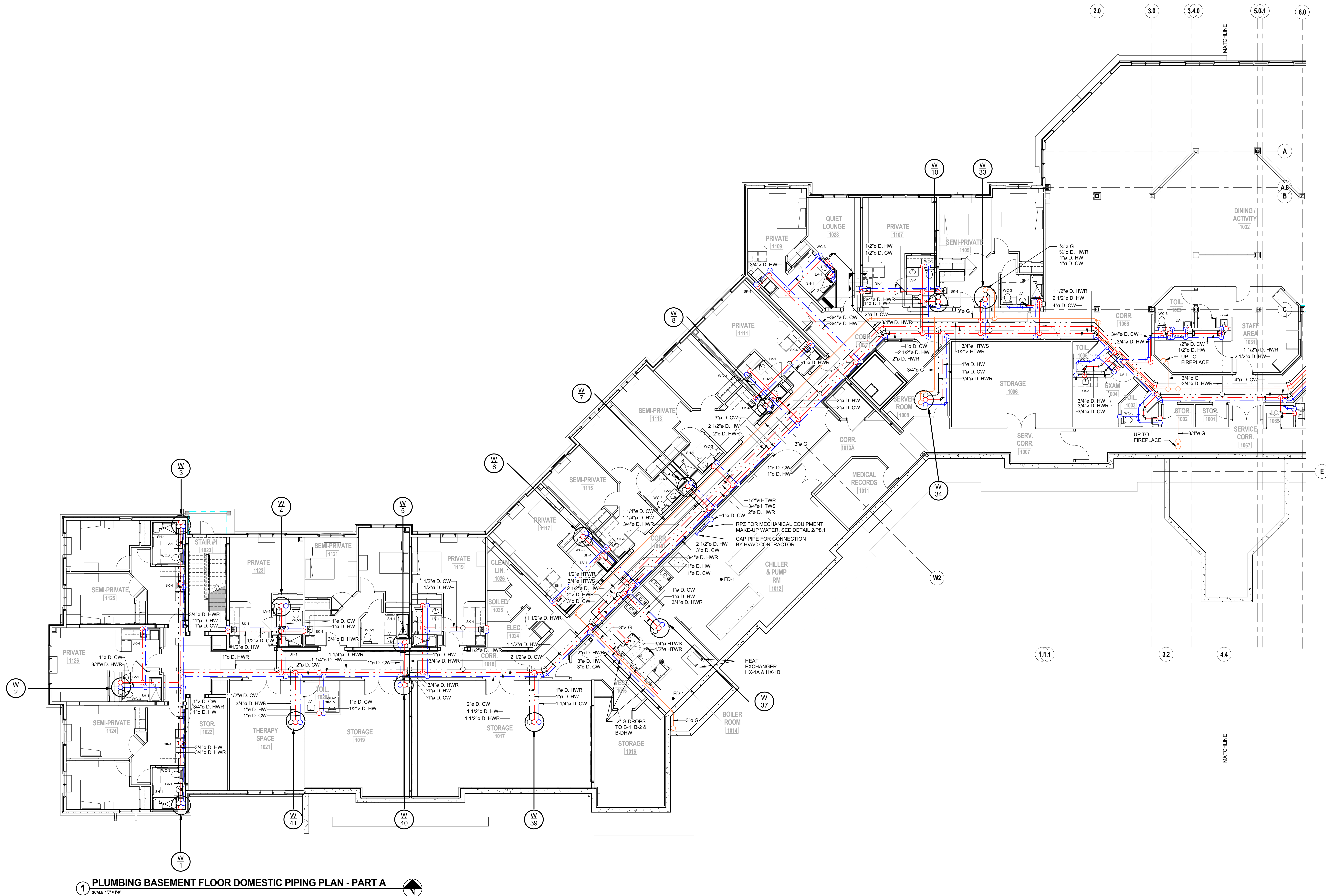
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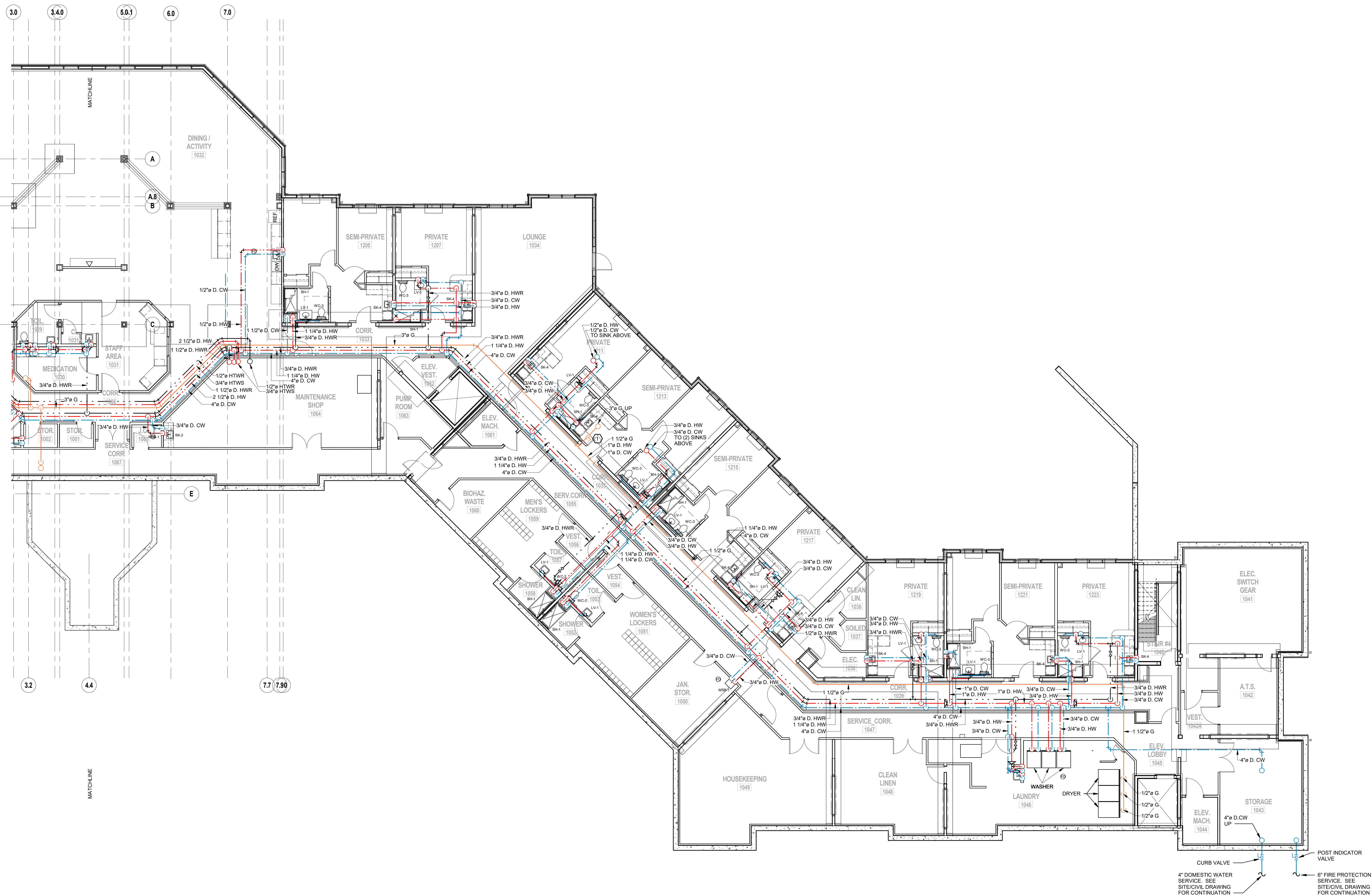
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1 PLUMBING BASEMENT FLOOR DOMESTIC PIPING PLAN - PART B

KEYED NOTE:

① ASCO NORMALLY CLOSED NATURAL GAS SOLENOID VALVE CONNECTED TO FIRE ALARM AND ANSUL CONTROL SYSTEM. COORDINATE WITH FIRE ALARM CONTRACTOR. VALVE SHALL BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR (KEC) AND INSTALLED BY P.C.

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PLUMBING PARTIAL FIRST
FLOOR DOMESTIC PIPING
PLAN - AREA A

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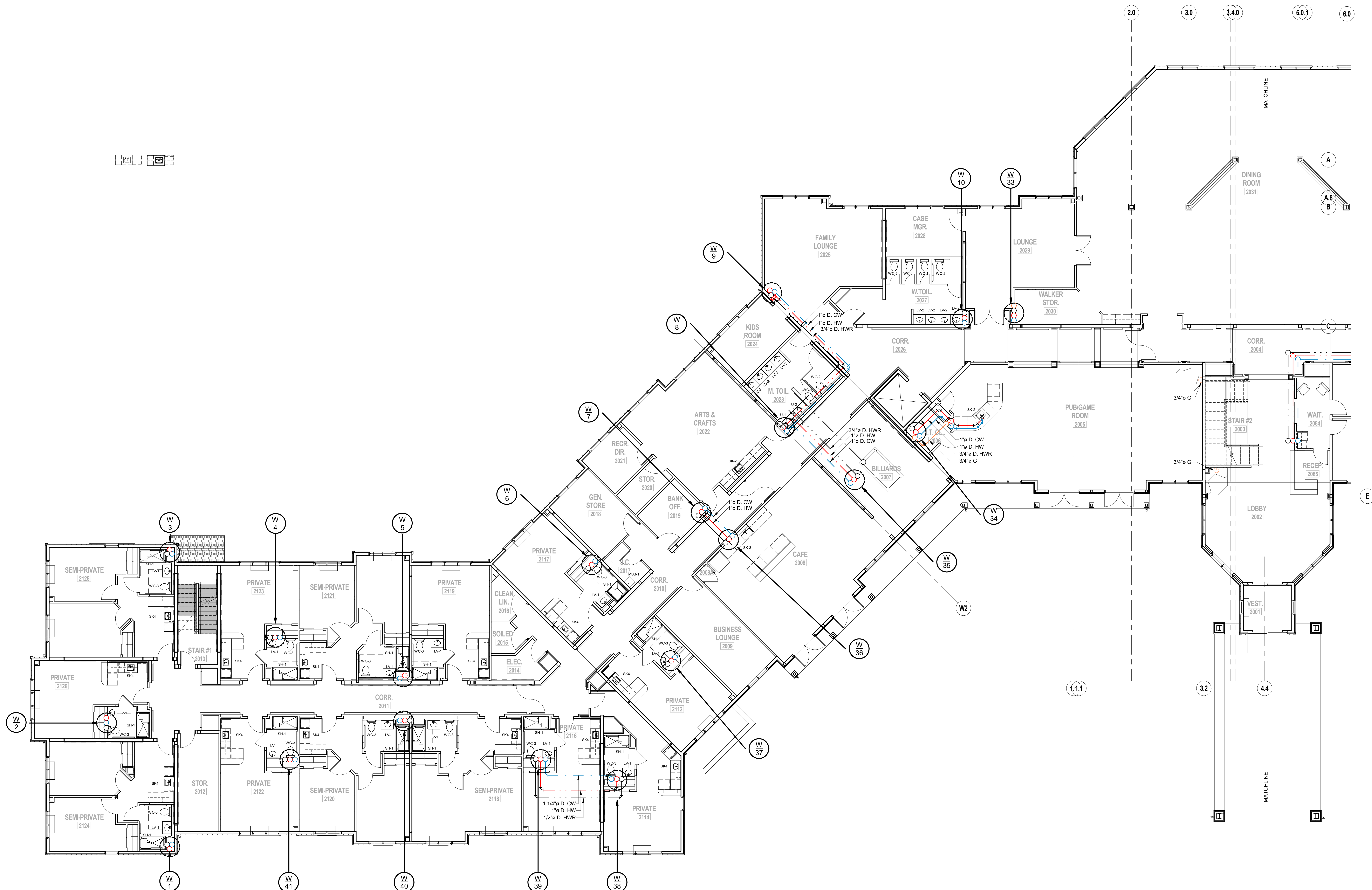
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1 PLUMBING FIRST FLOOR DOMESTIC PIPING PLAN - PART A
SCALE: 1/8" = 1'-0"



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REGULATORY REVIEW

1. _____

CLUMMING PARTIAL FIRST FLOOR DOMESTIC PIPING PLAN - AREA B

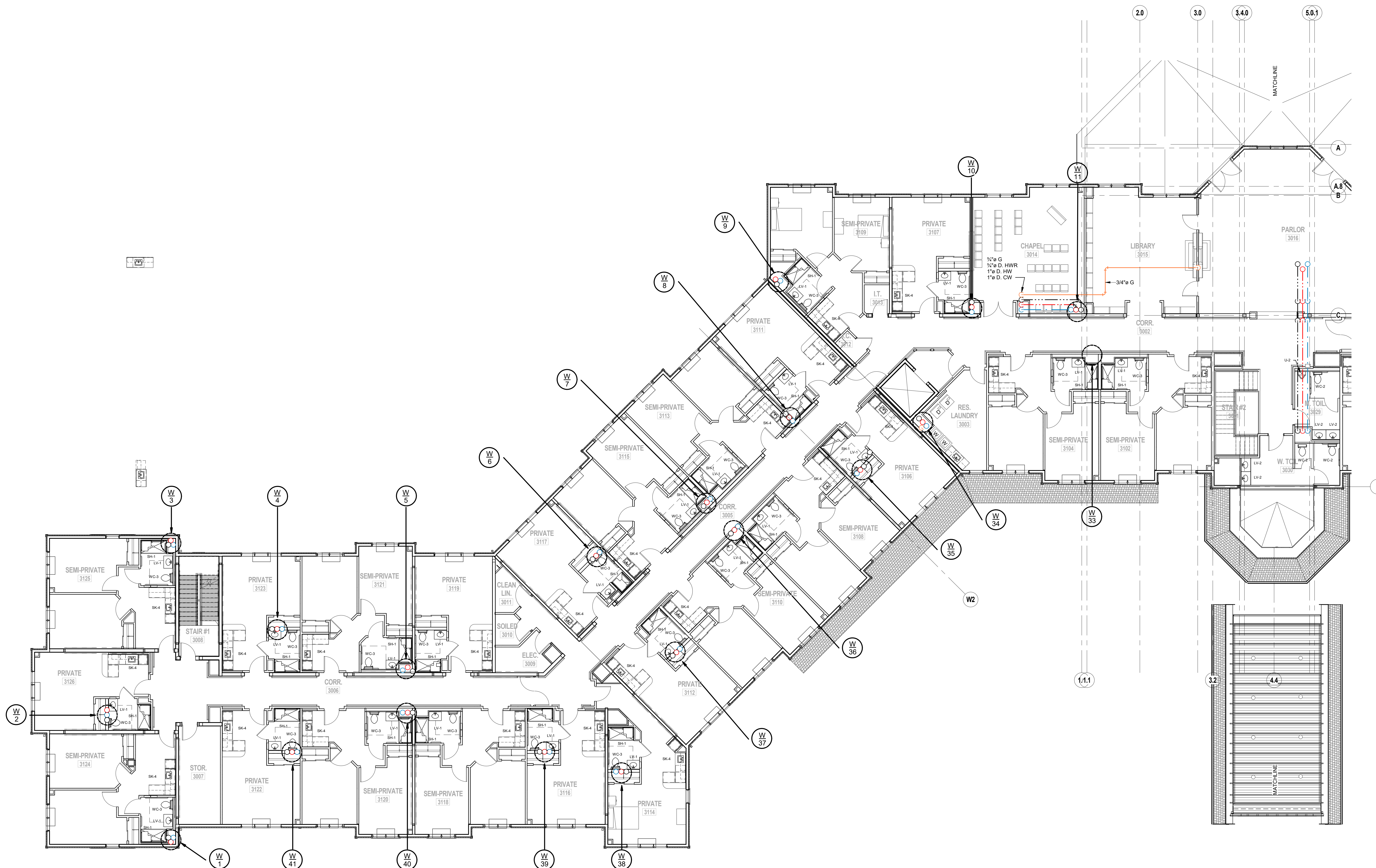
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SCALE: 1/8" = 1'-0"





1 PLUMBING SECOND FLOOR DOMESTIC PIPING PLAN - PART A
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DATE	DESCRIPTION
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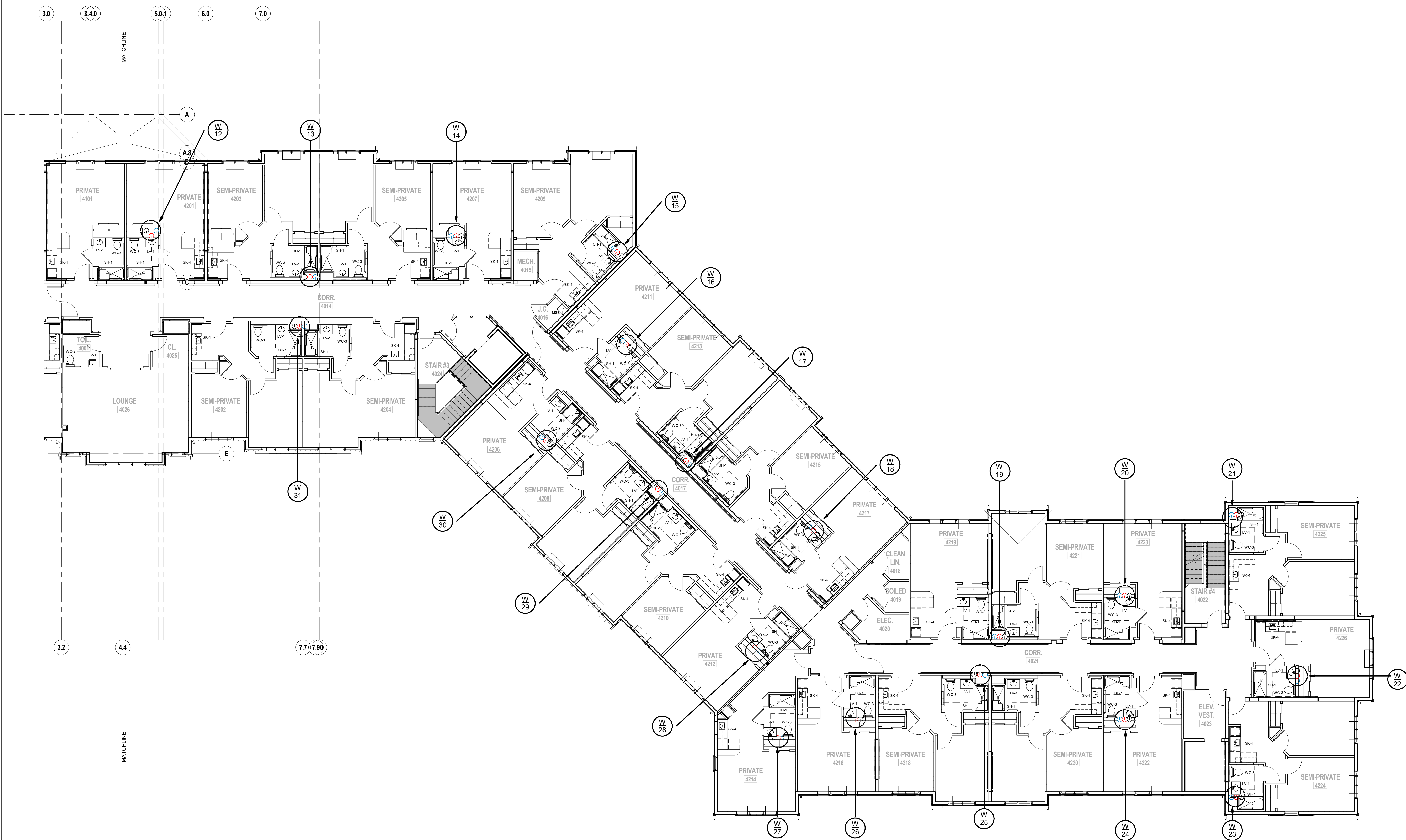
REGULATORY REVIEW

**PLUMBING PARTIAL
SECOND FLOOR
DOMESTIC PIPING PLAN -
AREA B**

P1.2B







1 PLUMBING THIRD FLOOR DOMESTIC PIPING PLAN - PART B
SCALE: 1/8" = 1'-0"

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**PLUMBING PARTIAL
BASEMENT FLOOR
SANITARY & VENT PLAN -
AREA A**

DRAWING N

P2.0A

SHEET 1

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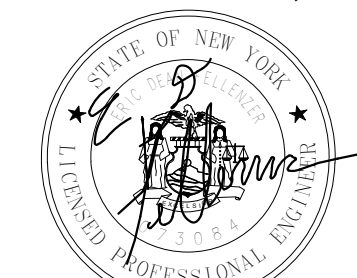
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Project #: 15-345

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ERIC D. FELLENER, P.E.



NY PROFESSIONAL ENGINEER
NO. 073084-1

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GP LLC**

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Village of Montebello
New York**

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REGULATORY REVIEW

SHEET TITLE

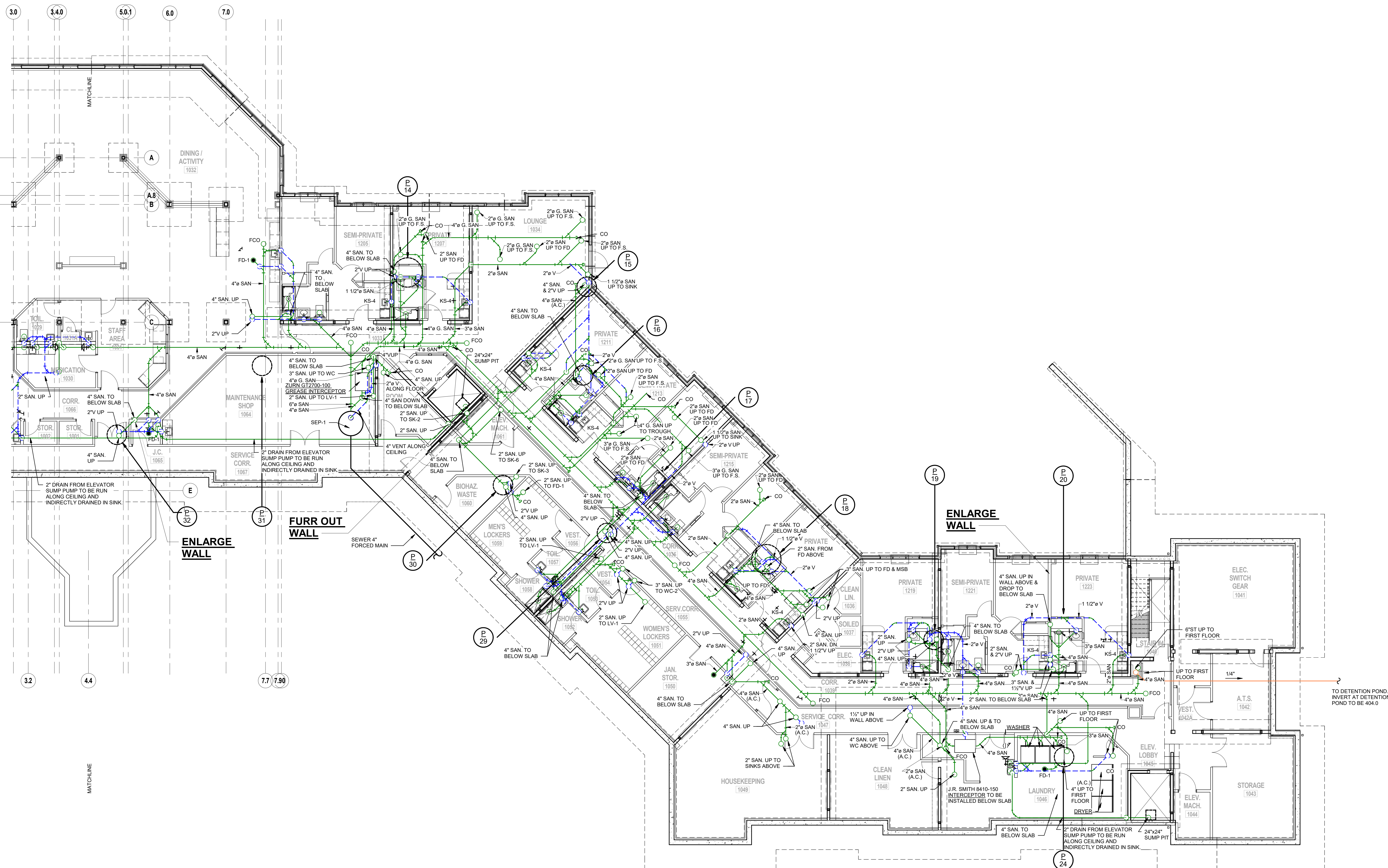
**PLUMBING PARTIAL
BASEMENT FLOOR
SANITARY & VENT PLAN -
AREA B**

DRAWING M

P2.0B

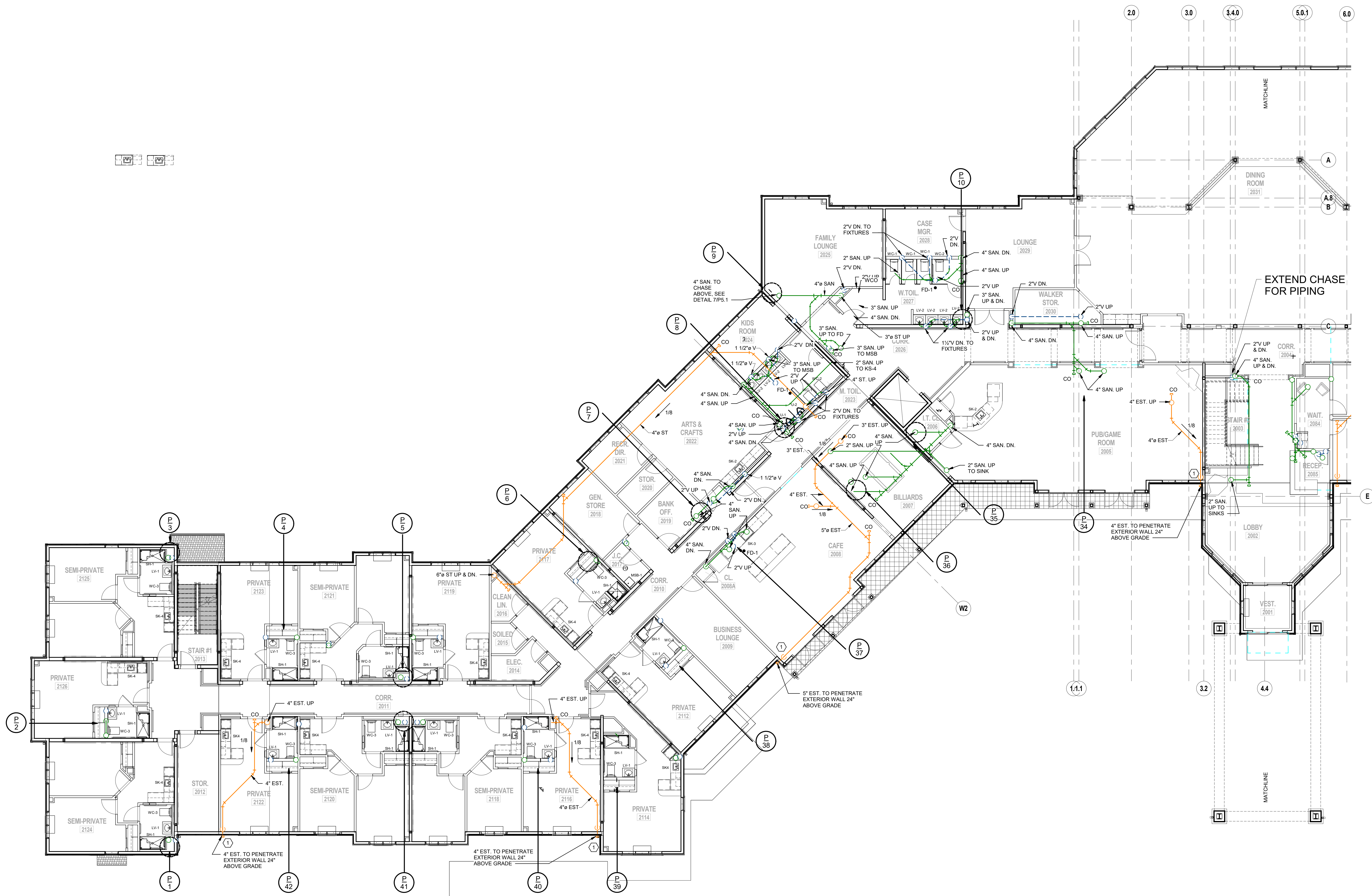
SHEET N

OF



1 PLUMBING BASEMENT FLOOR SANITARY & VENT PLAN - PART B
SCALE: 1/8" = 1'-0"





1 PLUMBING FIRST FLOOR SANITARY & VENT PLAN - PART A

KEYED NOTES:

① PROVIDE ZURN ZF199 DOWNSPOUT NOZZLE AT EMERGENCY STORM DRAIN PENETRATIONS. COLOR BY ARCHITECT.

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ENGINEERING LLP

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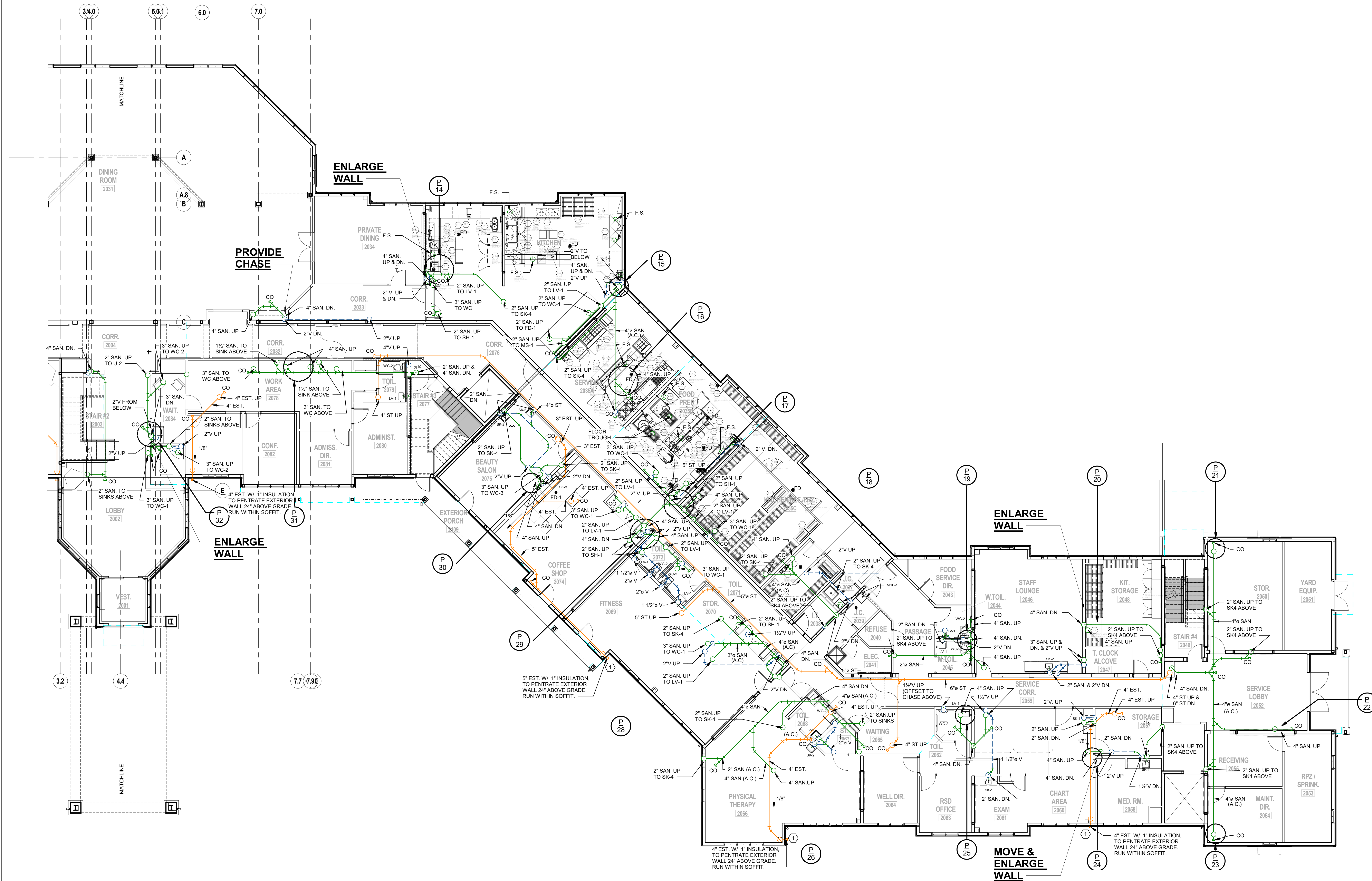
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**PLUMBING PARTIAL FIRST
FLOOR SANITARY & VENT
PLAN - AREA B**

P2.1B

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1 PLUMBING FIRST FLOOR SANITARY & VENT PLAN - PART B
SCALE: 1/8" = 1'-0"

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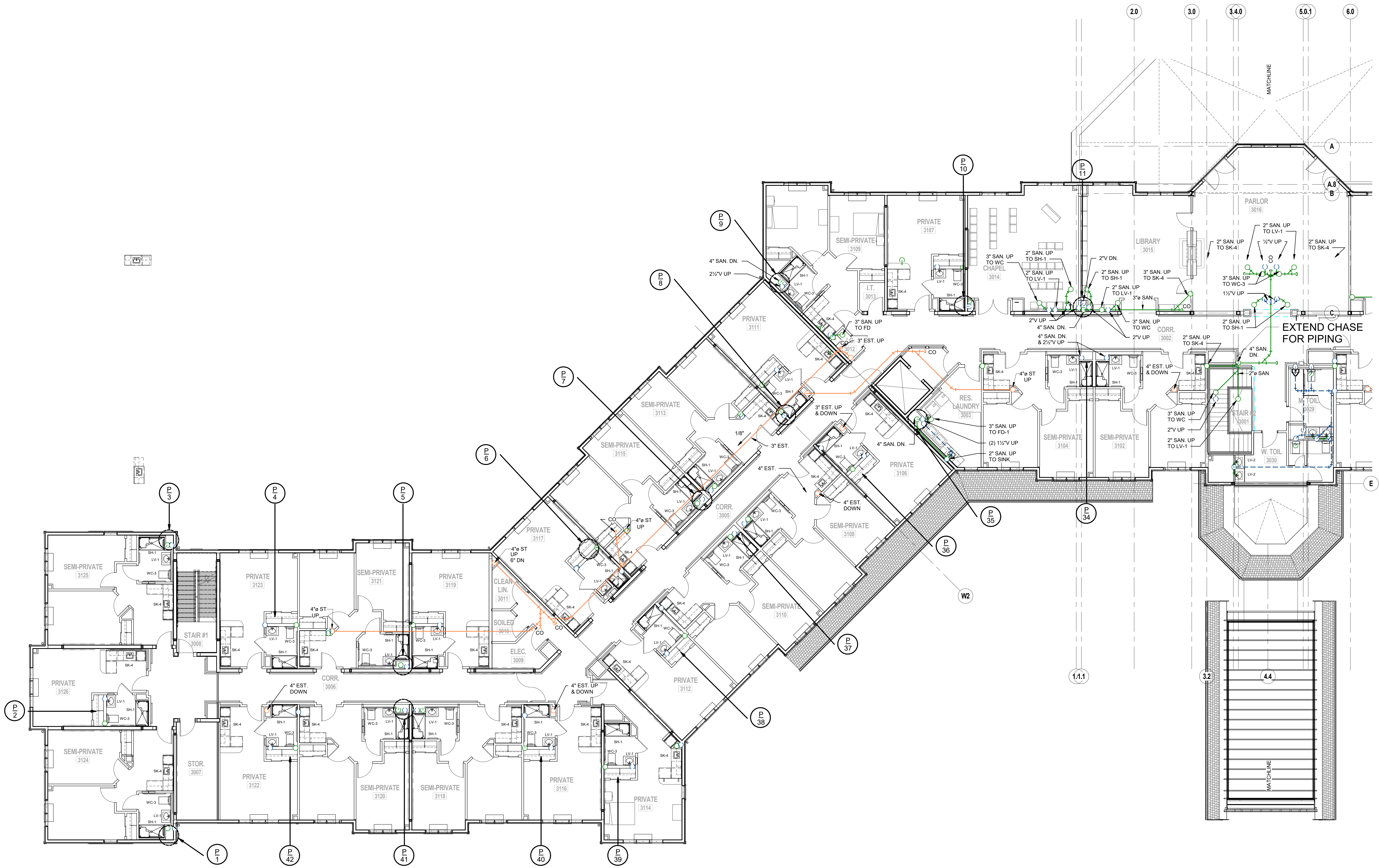
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SHEET TITLE

**PLUMBING PARTIAL
SECOND FLOOR
SANITARY & VENT PLAN -
AREA A**

DRAWING No. **P2.2A**



1 PLUMBING SECOND FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0" 

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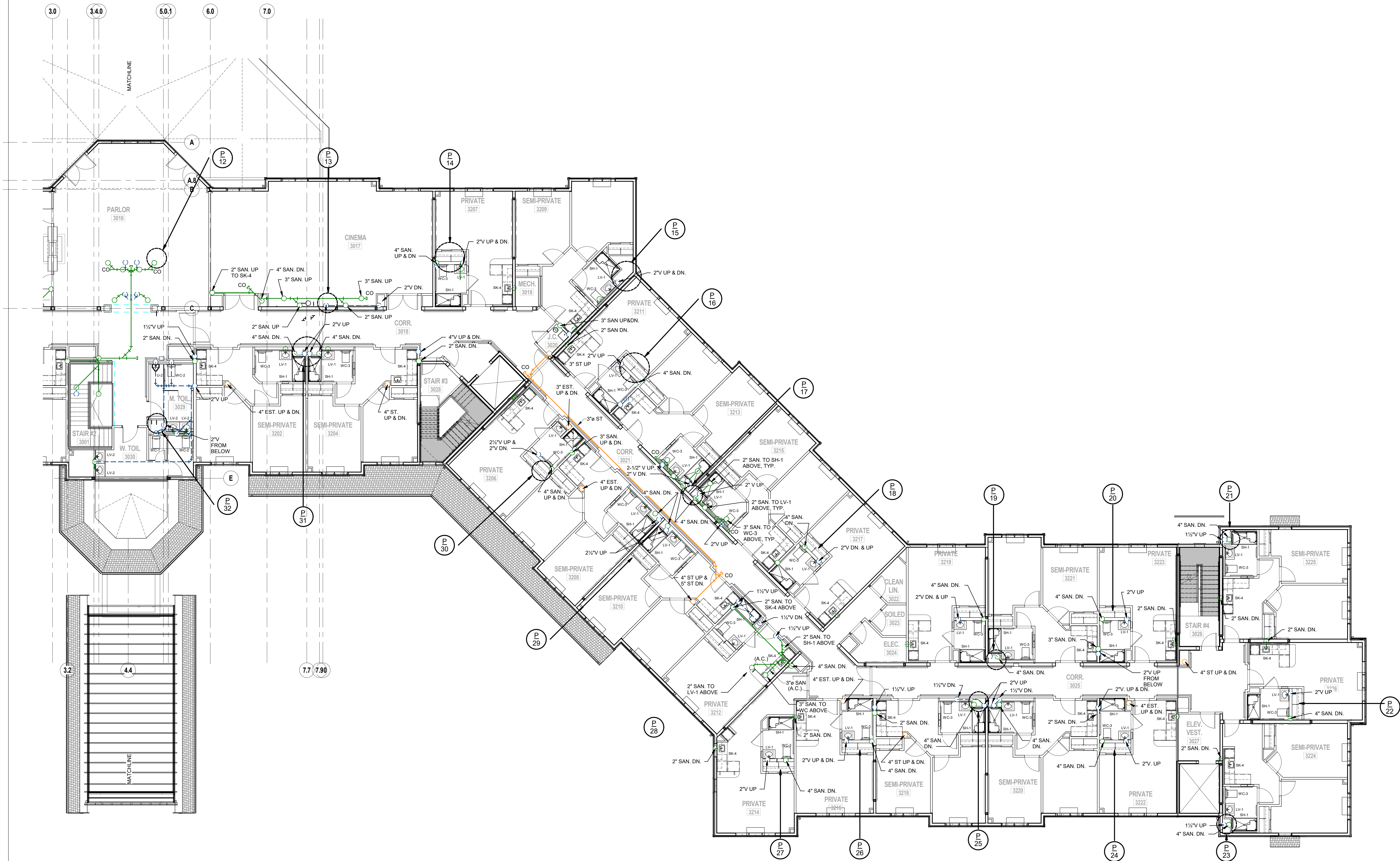
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STATUS	REGULATORY REVIEW
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**PLUMBING PARTIAL
SECOND FLOOR
SANITARY & VENT PLAN -
AREA B**

DRAWING No. **P2.2B**



1 PLUMBING SECOND FLOOR SANITARY & VENT PLAN - PART B
SCALE: 1/8" = 1'-0"

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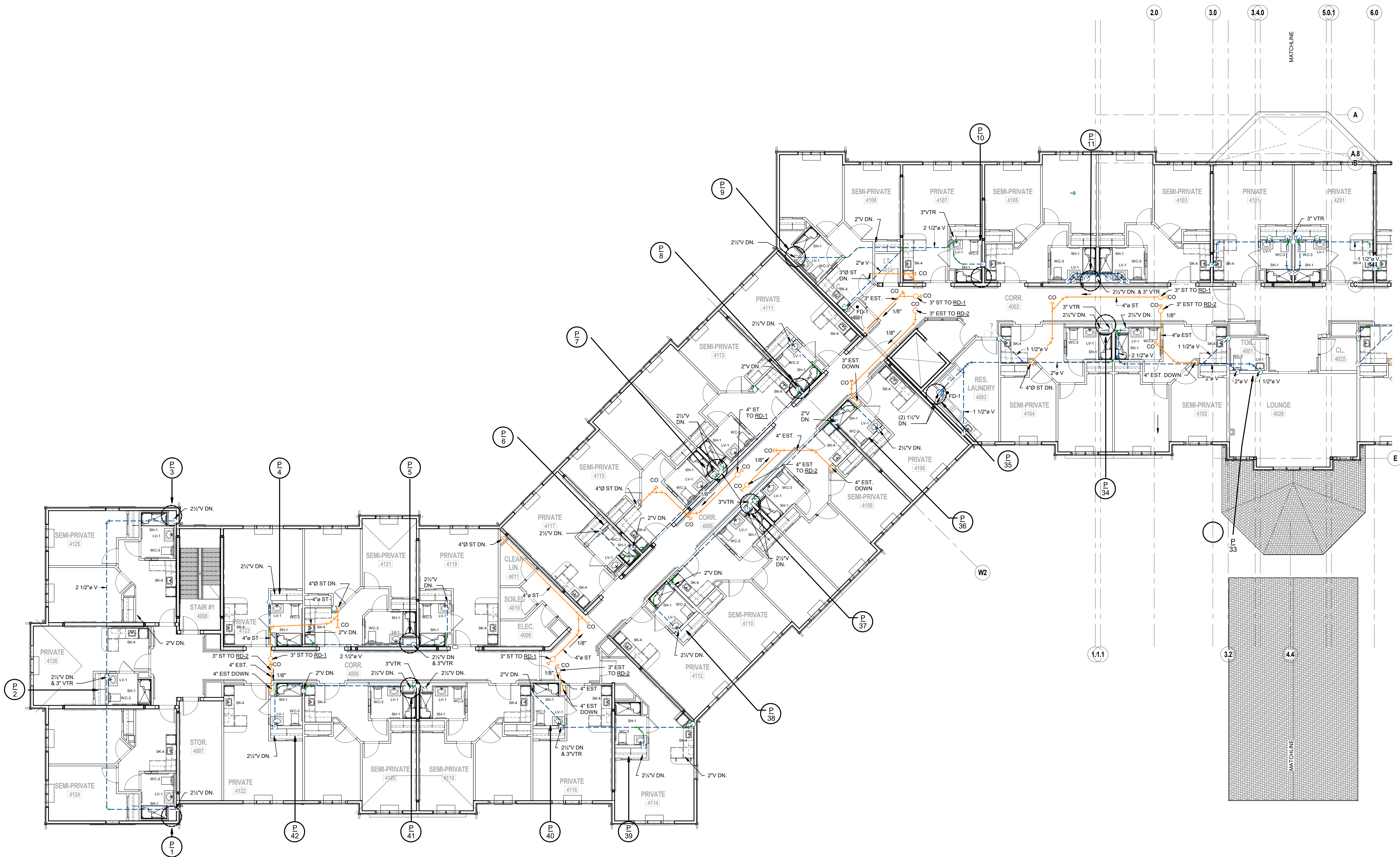
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PLUMBING PARTIAL
THIRD FLOOR SANITARY &
VENT PLAN - AREA A

DRAWING No.

P2.3A

12/24/2020 10:10:51 AM



1 PLUMBING THIRD FLOOR SANITARY & VENT PLAN - PART A
SCALE: 1/8" = 1'-0"



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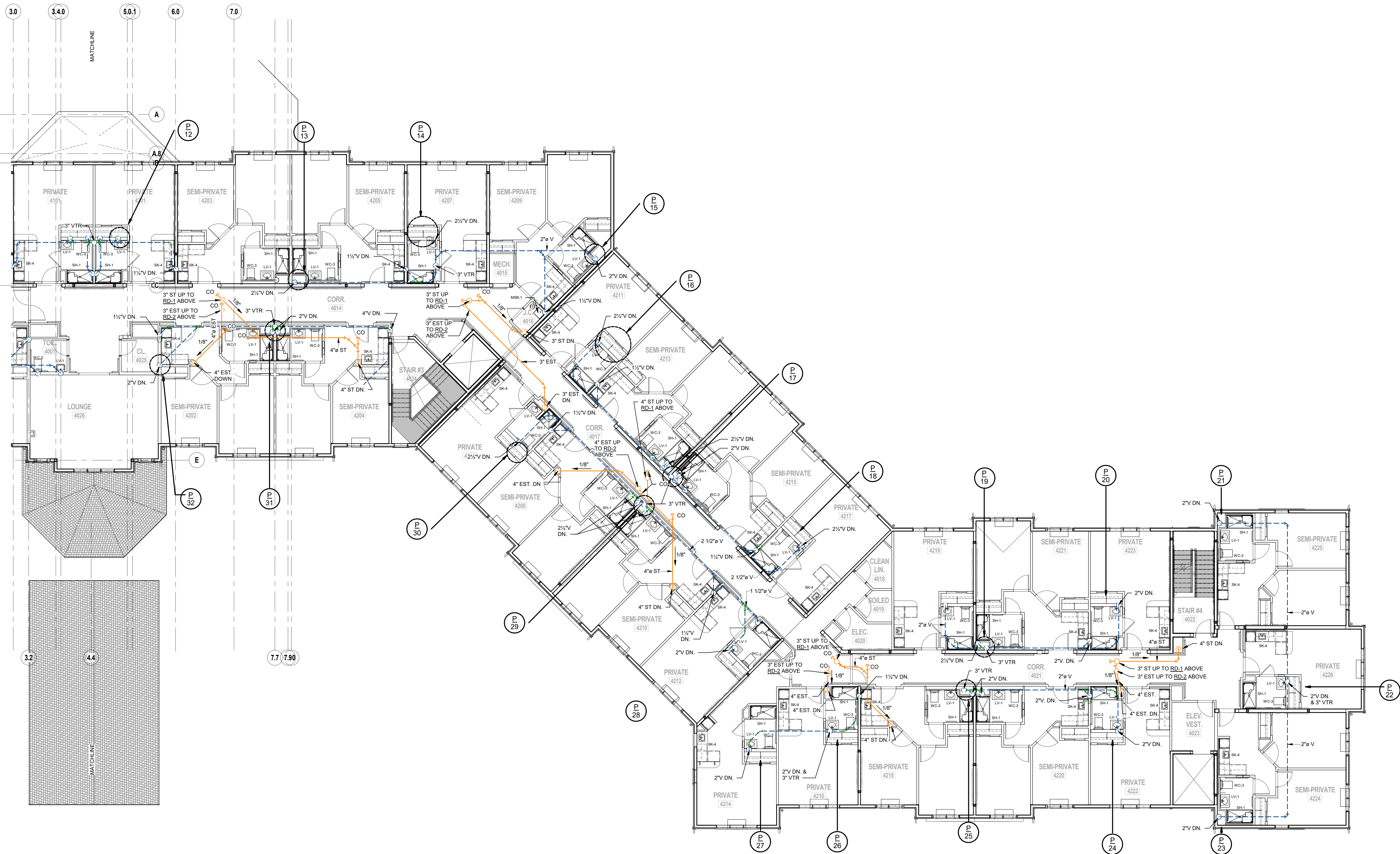
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**PLUMBING PARTIAL
THIRD FLOOR SANITARY &
VENT PLAN - AREA B**

DRAWING No.

P2.3B

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No.
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1 PLUMBING THIRD FLOOR SANITARY & VENT PLAN - PART B
SCALE: 1/8" = 1'-0" 

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01/24/20	FINAL BID / PERMIT

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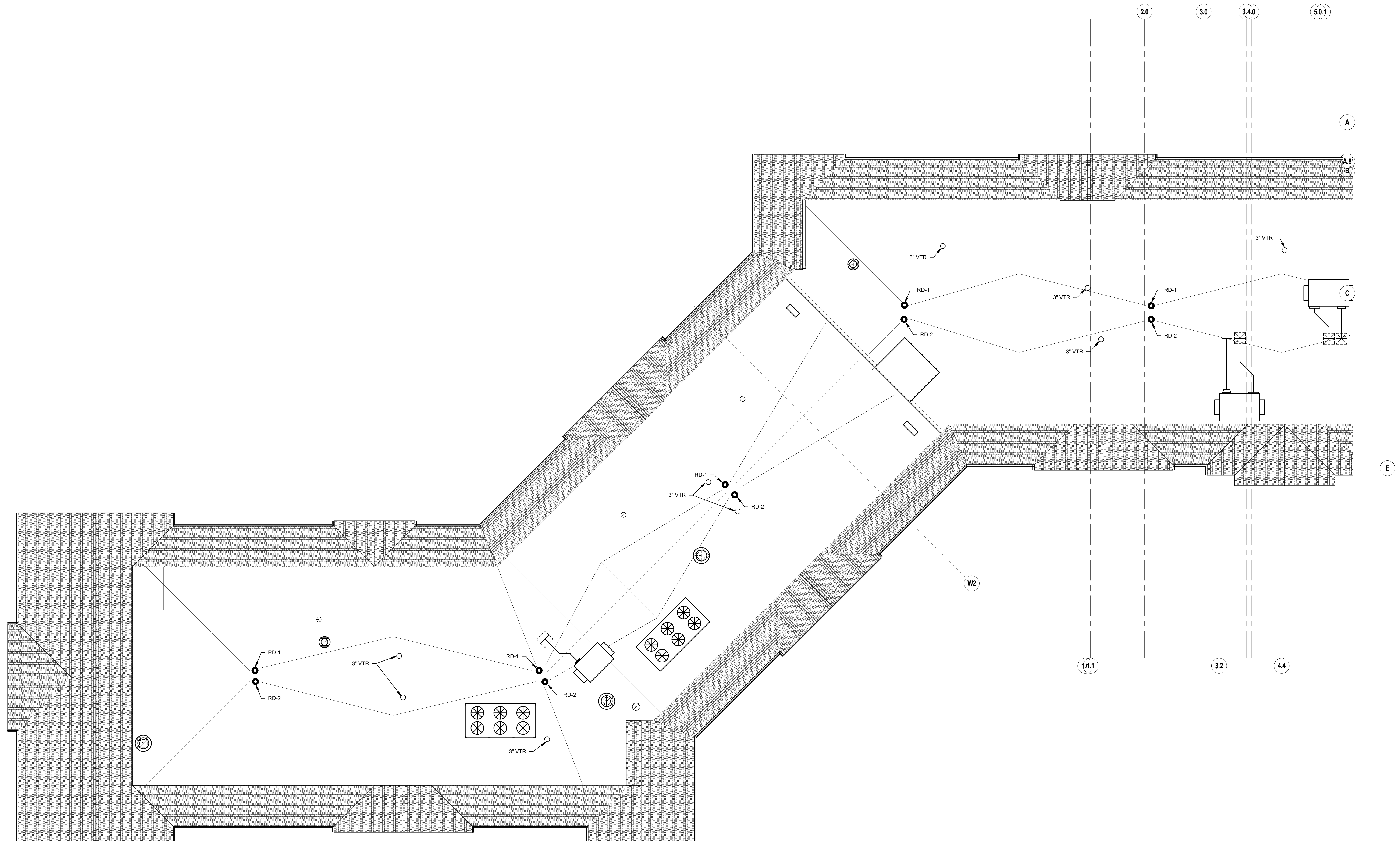
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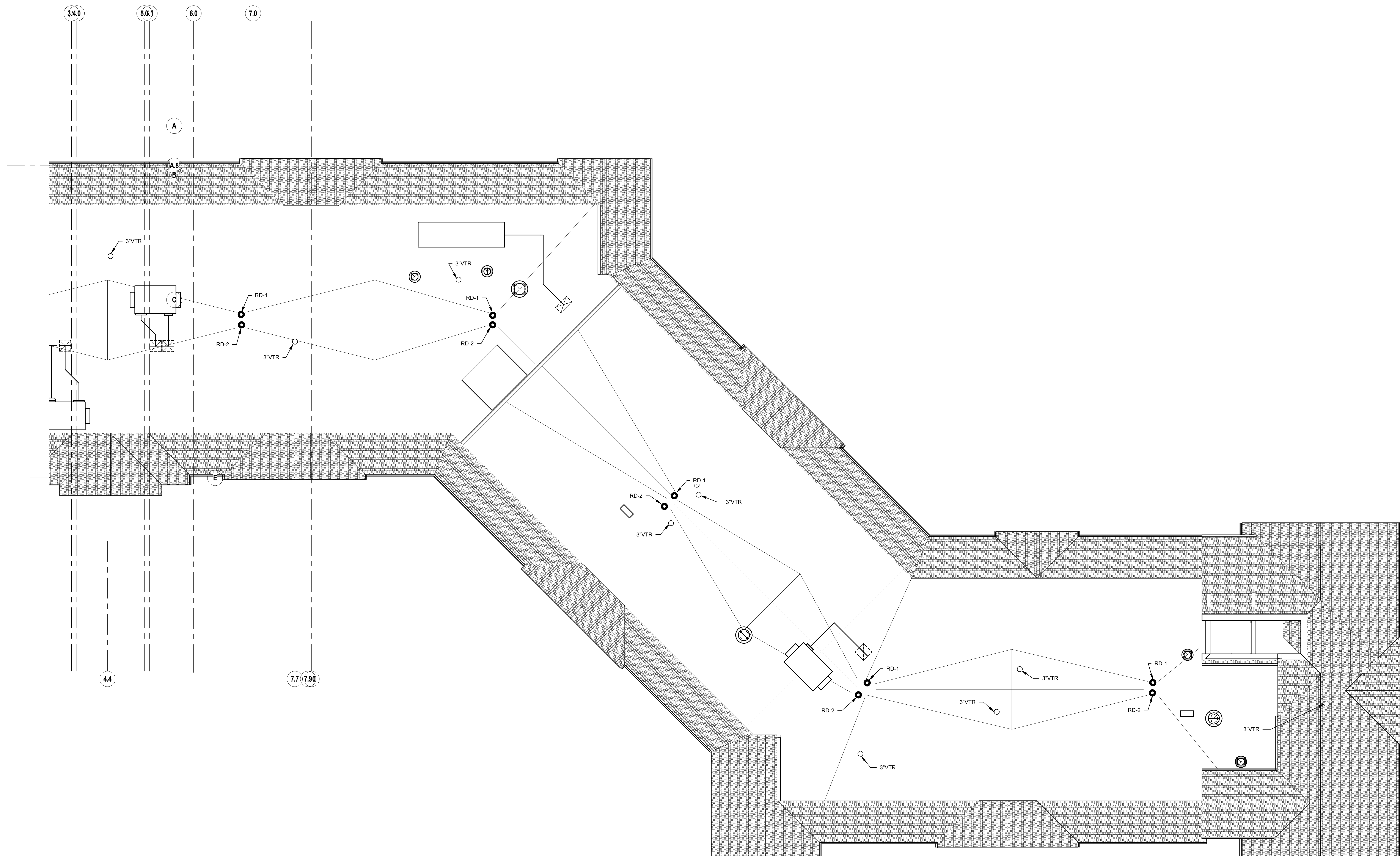
CLIMBING ROOF PLAN - AREA A

P4.1A

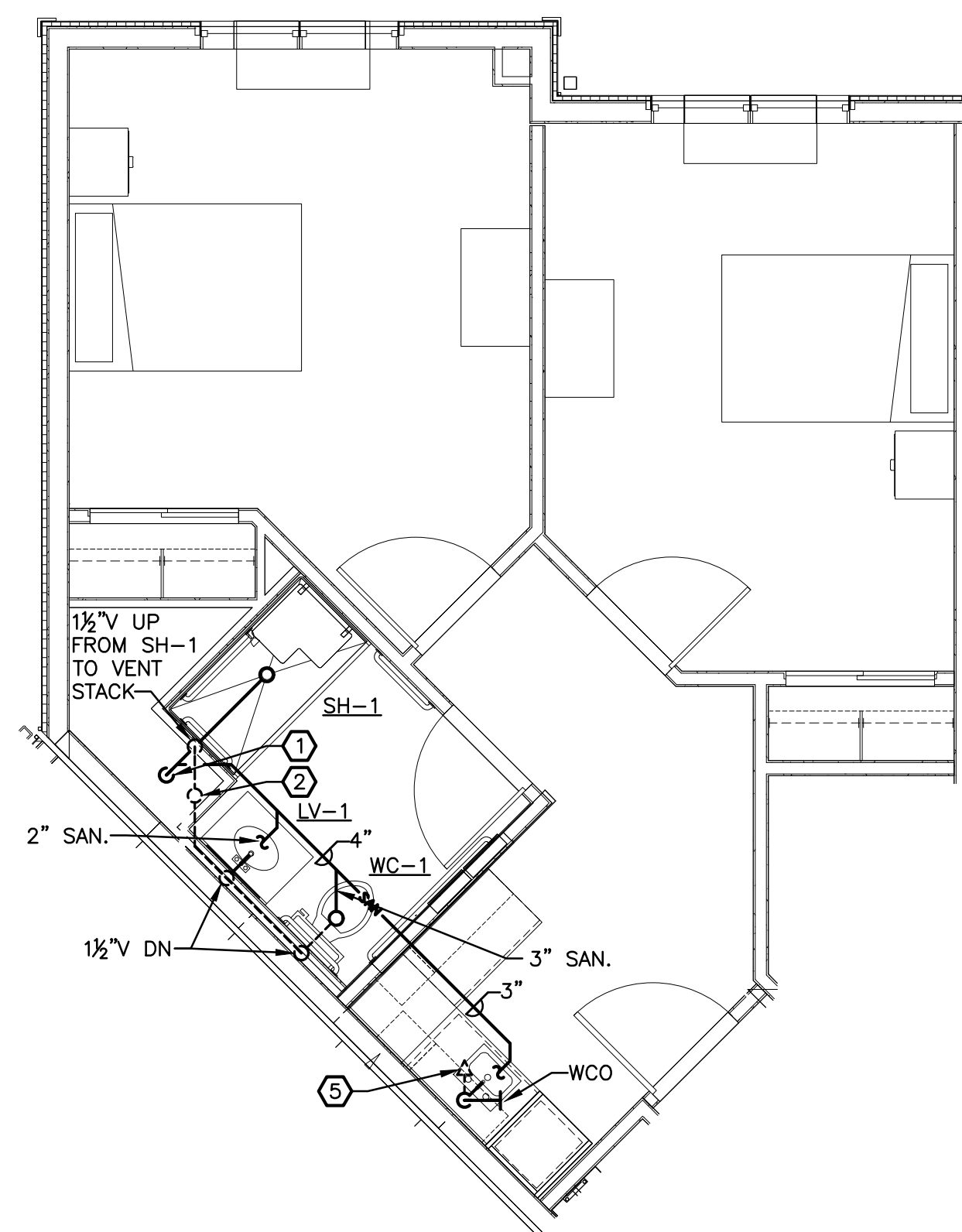
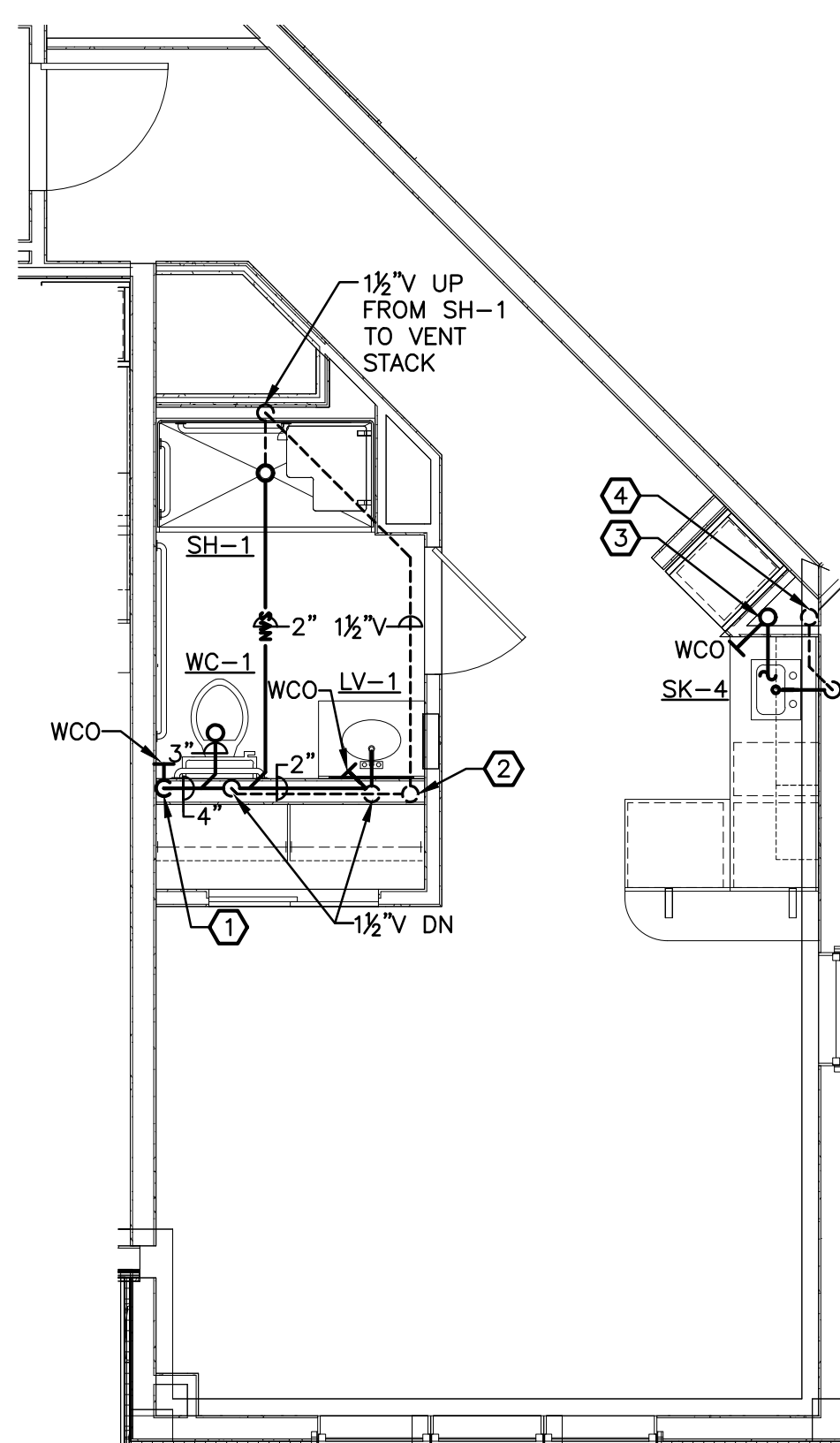
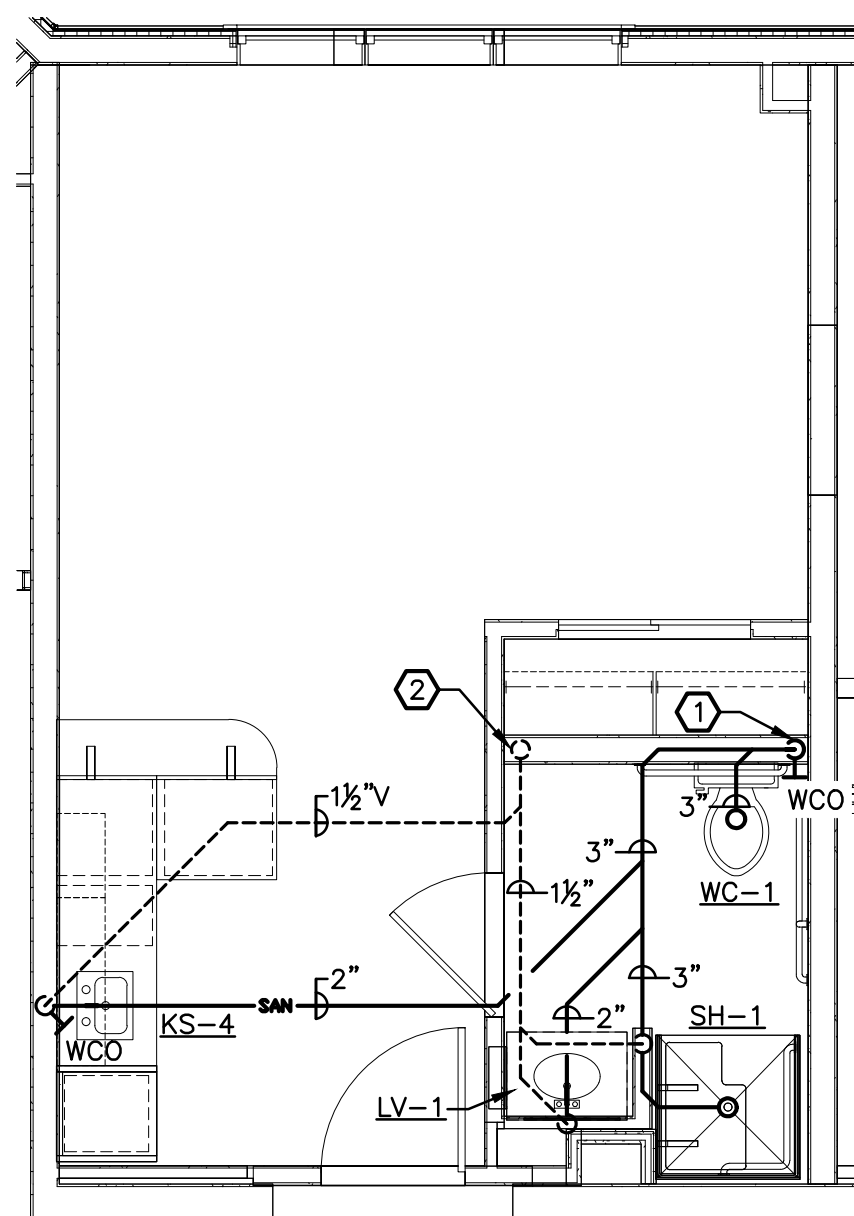
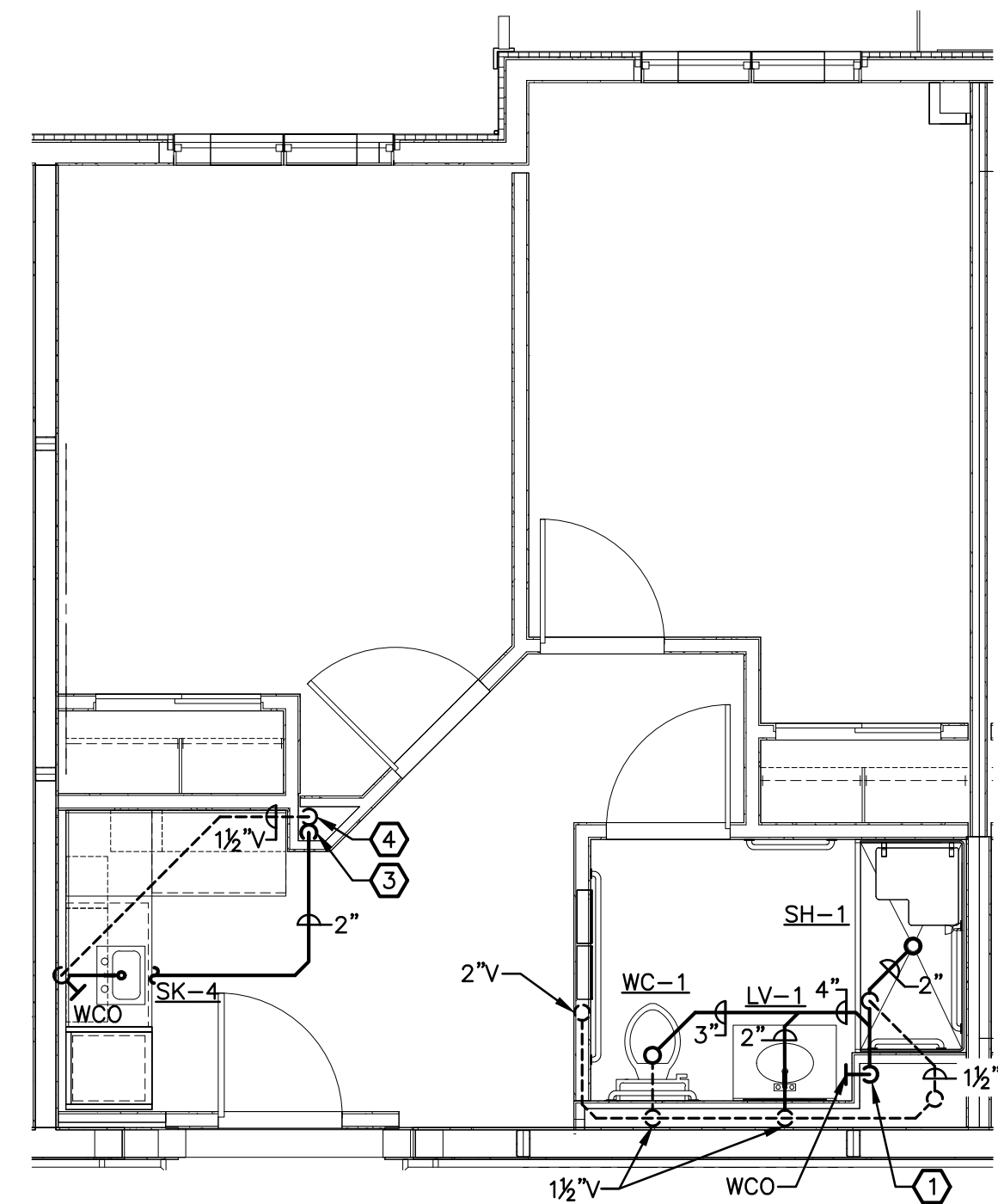
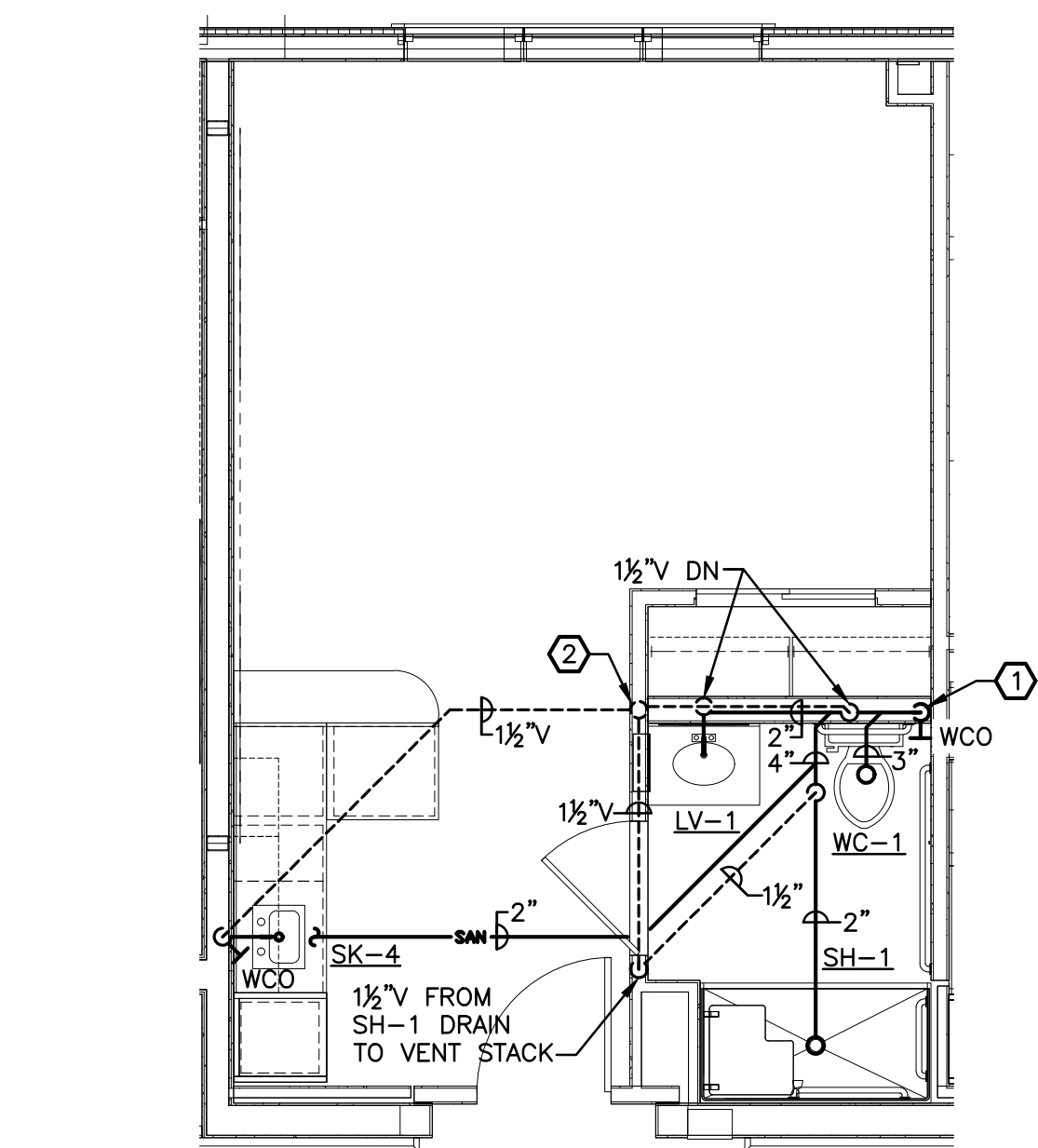
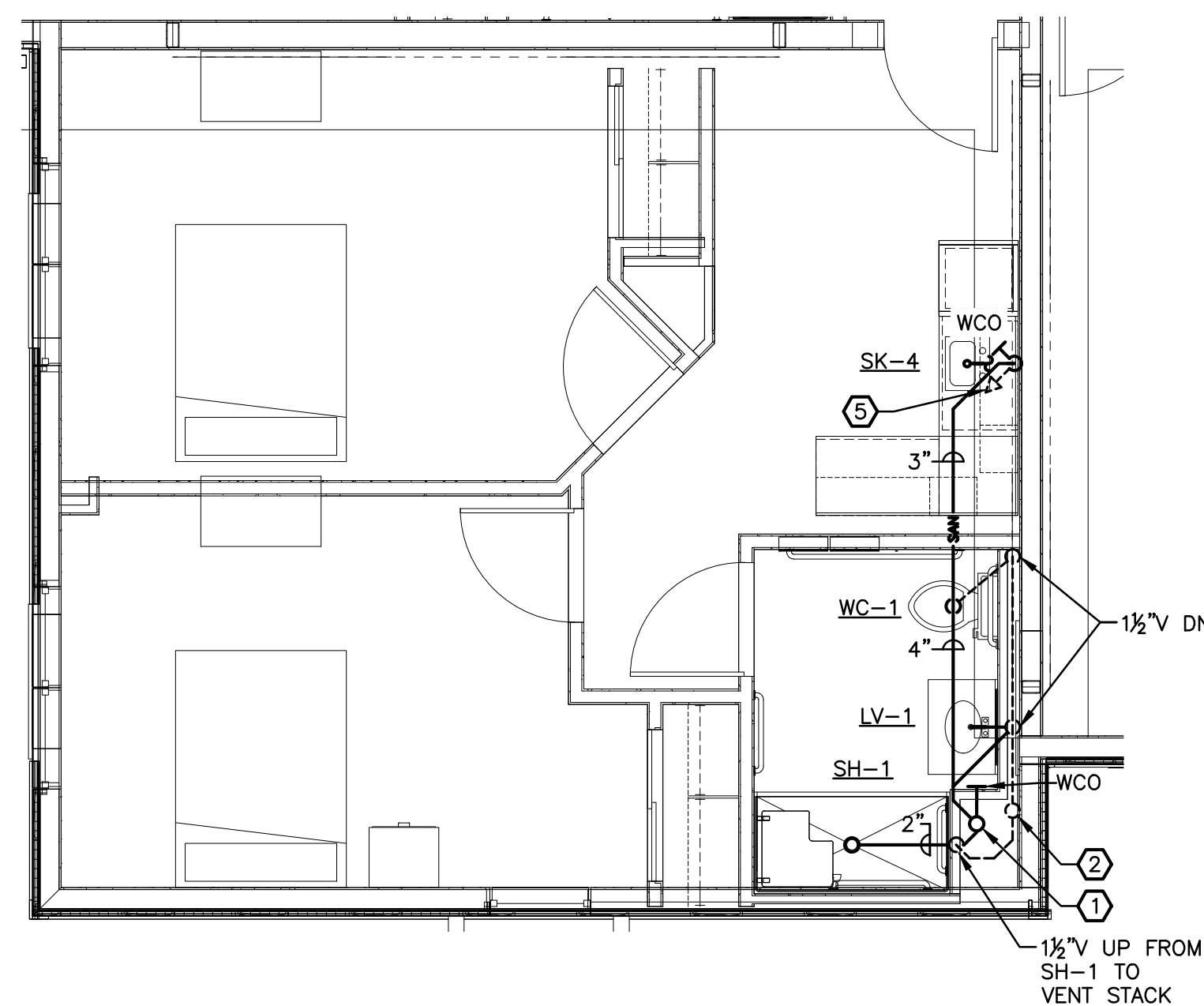
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1 PLUMBING SANITARY ROOF PLAN - PART A
SCALE: 1/8" = 1'-0" 



1 PLUMBING SANITARY ROOF PLAN - PART B
SCALE: 1/8" = 1'-0"



KEYED NOTES:

- ① 4" SANITARY STACK DOWN TO BELOW SLAB
② 3" VENT STACK UP
③ 3" SANITARY STACK DOWN
④ 2" VENT STACK UP

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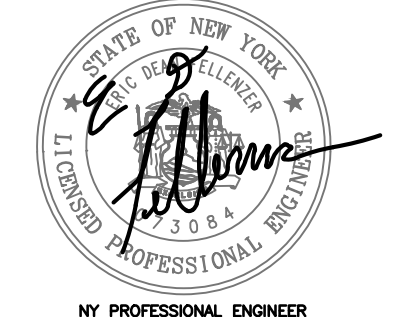
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PLUMBING ENLARGED SUITE LAYOUTS

DRAWING No.

P5.1

SHEET No. 1

OF











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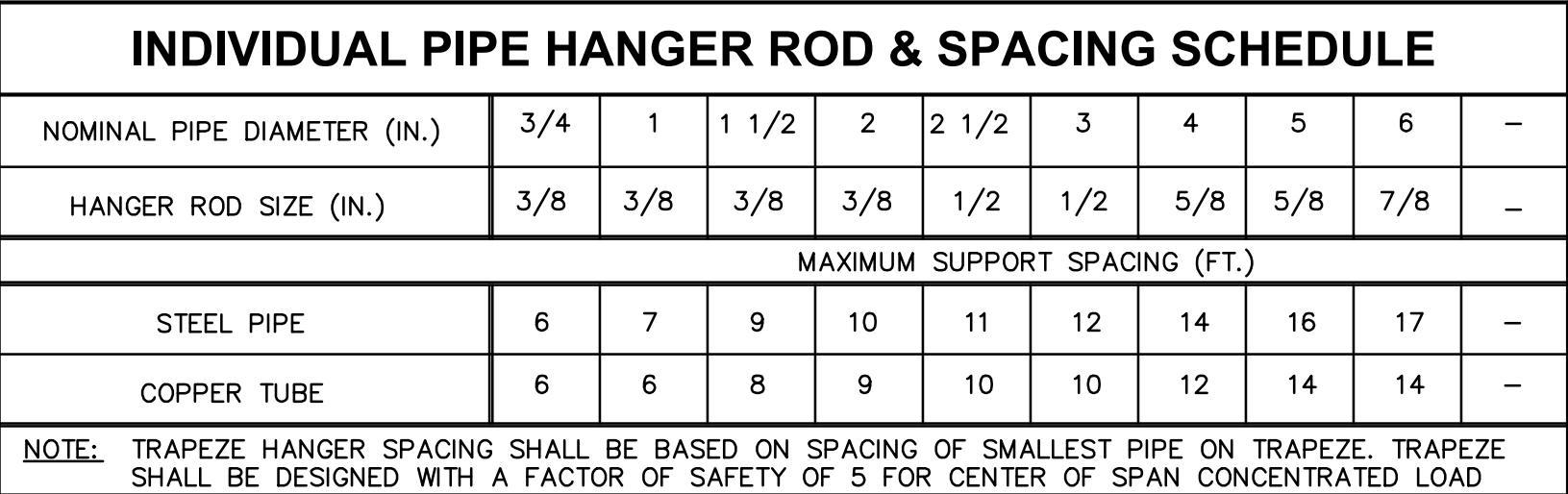
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SHEET TITLE

**PLUMBING:
SANITARY RISER DIAGRAMS**

SHEET No. _____
OF _____





SIZE OF LEGEND LETTERS					
OUTSIDE DIAMETER OF PIPE OR COVERING		LENGTH OF COLOR FIELD A		SIZE OF LETTERS B	
INCHES	MM	INCHES	MM	INCHES	MM
¾" TO 1¼"	19 TO 32	8"	200	½"	13
1½" TO 2"	38 TO 51	8"	200	¾"	19
2½" TO 6"	64 TO 150	12"	300	1¼"	32

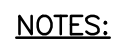
SERVICE	BACKGROUND OR COLOR BAND	IDENTIFICATION MARKER
DOMESTIC COLD WATER	GREEN	WHITE ON GREEN
DOMESTIC HOT WATER	YELLOW	BLACK ON YELLOW
DOMESTIC HOT WATER RETURN	YELLOW	BLACK ON YELLOW
SANITARY DRAIN	GREEN	WHITE ON GREEN
NATURAL GAS	YELLOW	BLACK ON YELLOW

Diagram illustrating a typical firestop assembly for a pipe passing through a concrete slab or pit wall. The assembly includes the following components and labels:

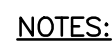
- 1. PIPE INSULATION (WHERE APPLICABLE)
- 2. FLOOR SLAB OR PIT WALL
- 3. PIPE INSULATION (WHERE APPLICABLE)
- 4. 40 GALVANIZED STEEL SLEEVE SHALL BE TWO (2) SIZES LARGER THAN PIPE THROUGH FLOOR OR PIT EXTEND SLEEVE 2" ABOVE SLAB OR INSIDE PIT WALL
- 5. PIPE INSULATION (WHERE APPLICABLE)
- NOTE: DETAIL TYPICAL OF SLAB ON GRADE, ELEVATED SLAB OR CONCRETE PIT WALL. ELASTOMERIC GROUT AND EXTERIOR GRADE CAULK SHALL BE SUBSTITUTED FOR THE FIRESTOP SEALANT IN CONCRETE PIT APPLICATIONS ONLY.
- PIPE INSULATION (WHERE APPLICABLE)
- PIPING FROM BENEATH SLAB OR OUTSIDE PIT WALL

KEYED NOTES:

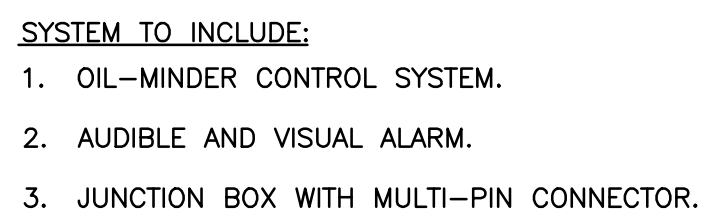
- 3 TYPICAL PIPING CONCRETE PENETRATION DETAIL**
N.T.S.



- 12 PLUMBING TRENCH DETAIL**
N.T.S.



- 13 UNDER-SLAB VENT CONNECTION DETAIL**
N.T.S.



ELEVATOR SUMP PUMP SCHEDULE											"STANCON" AS STANDARD OR APPROVED EQUAL		
UNIT NO.	LOCATION	PUMP DATA						MIN. SUMP DIMENSIONS		MODEL	REMARKS		
		NO.	GPM	T.D.H. (FT.)	SOLIDS (W/L)	DISCHARGE (IN.)	H.P.	VOLT/Φ	AMPS			AREA (W/L)	DEPTH (IN.)
SP-1	ELEVATOR PIT (TYP OF 3)	1	30	15	3/8	2	0.5	115/1	8	24x24	24	SES0	25 FT. CORD

USE CONCRETE ANCHOR IF BEAM CLAMP IS NOT POSSIBLE

CONCRETE ANCHOR (HILTI OR EQUAL)

ALL THREAD ROD

BAR JOIST

UNISTRUT MODEL P1653S BEAM CLAMP (TYP.)

UNISTRUT STEEL CHANNEL (TYP.)

1/2" THREADED ROD (TYP.)

(SANITARY AND DOMESTIC WATER PIPING TRAPEZE)

NOTES:

- 14** **TYPICAL TRAPEZE HANGER DETAIL**
N.T.S.



15 PIPE HANGER DETAIL
N.T.S.



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PLUMBING: DETAILS

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P7.1

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DRAWING No. P8.1	SHEET No. 
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2 4" WATER SERVICE WITH RPZ BACKFLOW PREVENTER
N.T.S.