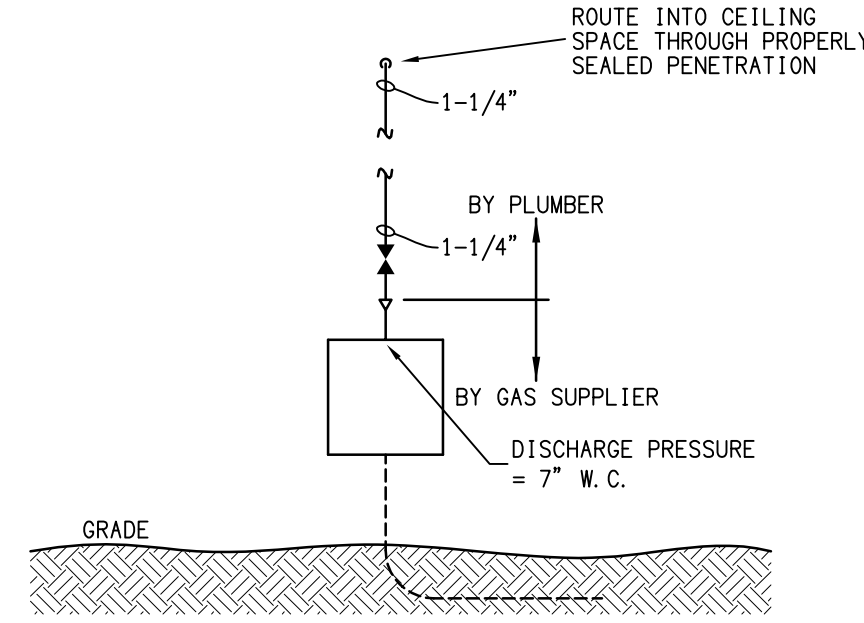


PLUMBING FIXTURE SCHEDULE -										
SYM.	FIXTURE	CW	HW	DRAIN	STOPS & VALVES	MANUF. (SEE NOTE 10)	MODEL (SEE NOTE 10)	REMARKS		
WC1	WATER CLOSET TANK - FLOOR MOUNT HANDICAP	1/2"	-	3"	1/2"x3/8" ANGLE	AMERICAN STANDARD	215AA.004	INCLUDE BRASSCRAFT R19C SUPPLY VALVE W/CHROME PLATED RISER AND WALL FLANGE. CHURCH #295CTJ OPEN FRONT SEAT W/O COVER. SEE NOTES 1, 2, 7, 8		
LVT	LAVATORY UNDERMOUNT HANDICAP	1/2"	1/2"	1-1/4"	1/2"x3/8" ANGLE	DAKOTA PLUMBING PRODUCTS	US-1714W-ADA	PLUMBER SHALL PROVIDE AND INSTALL AMERICAN STANDARD 5401.122H CHROME PLATED FAUCET WITH POP-UP DRAIN, 4" WRIST OPERATORS, BRASSCRAFT R19C SUPPLY VALVES W/CHROME PLATED RISERS AND WALL FLANGES, 1-1/4X1-1/4 TUBULAR P-TRAP CP. SEE NOTE 1.		
LVZ	LAVATORY COUNTERTOP HANDICAP	1/2"	1/2"	1-1/4"	1/2"x3/8" ANGLE	-	-	INTEGRAL BOWL BY OTHERS. PLUMBER SHALL PROVIDE AND INSTALL BRASSCRAFT R19C SUPPLY VALVES W/CHROME PLATED RISERS AND WALL FLANGES, 5401.122H CHROME PLATED FAUCET WITH GRID DRAIN, 4" WRIST OPERATORS 1-1/4X1-1/4 TUBULAR P-TRAP CP. INSTALL A PROPERLY SIZED TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070. SEE NOTES 1, 3, 11		
SO1	SHOWER OPERATOR (HAND HELD ONLY)	1/2"	1/2"	2"	INTEGRAL	-	-	DELTA T13H152 PRESSURE BALANCED MIX VALVE OPERATOR PACKAGE WITH R10000-UNWS VALVE, HAND HELD SHOWER W/60" HOSE WITH SLIDE BAR AND IN-LINE VACUUM BREAKER. SEE NOTES 1, 5, 8.		
SO2	SHOWER OPERATOR (FIXED HEAD ONLY)	1/2"	1/2"	2"	INTEGRAL	-	-	DELTA T13H132 PRESSURE BALANCED MIX VALVE OPERATOR PACKAGE WITH R10000-UNWS VALVE, THIS INCLUDES FIXED SHOWER HEAD. SEE NOTES 1, 5, 8.		
SK1	SINGLE COMPARTMENT SINK - HANDICAP	1/2"	1/2"	1-1/2"	1/2x3/8 ANGLE	ELKAY	LRAD1517	INCLUDE ELKAY LKA2437BH GOOSENECK FAUCET P-TRAP/CLEANOUT, STRAINER, BRASSCRAFT R19C SUPPLY VALVES, WRIST BLADE HANDLES. SEE NOTE 1.		
SK2	SINGLE COMPARTMENT SINK - HANDICAP	1/2"	1/2"	1-1/2"	1/2x3/8 ANGLE	ELKAY	LRAD1517	INCLUDE AMERICAN STANDARD #6540.160 GOOSENECK FAUCET W/6" WRIST BLADE HANDLES P-TRAP/CLEANOUT, STRAINER, BRASSCRAFT R19C SUPPLY VALVES, WRIST BLADE HANDLES. SEE NOTE 1.		
SK3	TWO COMPARTMENT SINK - HANDICAP	1/2"	1/2"	1-1/2"	1/2x3/8 ANGLE	ELKAY	GECR3321	INCLUDE AMERICAN STANDARD #6540.168 GOOSENECK FAUCET W/6" WRIST BLADE HANDLES P-TRAP/CLEANOUT, STRAINER, BRASSCRAFT R19C SUPPLY VALVES, WRIST BLADE HANDLES. SEE NOTE 1.		
BT1	ADL TUB	1/2"	1/2"	2"	INTEGRAL	BEST BATH	CTS6032A18	INCLUDE SEAT, GRAB BARS, DRAIN AND SYMMONS 96-400-830-L-V PRESSURE BALANCED MIX VALVE OPERATOR, HAND HELD SHOWER W/60" HOSE, SLIDE BAR, DIVERTER VALVE, TUB SPOUT. SEE NOTES 1, 4. VERIFY OPERATOR		
CS1	CLINICAL SINK W/BEDPAN CLEANER & SERVICE FAUCET	1"	1/2"	1/2"	4"	AMERICAN STANDARD	9504.010	SLOAN ROYAL 1171-10 FLUSH VALVE, RIM GUARD 7832.017, INCLUDE BEDPAN CLEANER 7850.024 W/VACUUM BREAKER 7837.024, NOZZLE AND HOOK 7866.015 PEDAL VALVE 7679.012, LOOSE KEY SUPPLY 7544.018, SERVICE SINK FAUCET 8345.118 W/6" ELBOW HANDLES. PROVIDE TERRAZZO BASE.		
MB1	MOP SINK	3/4"	3/4"	3"	-	FIAT	MSB2424	FAUCET: 830AA W/VACUUM BREAKER / HOSE: 832-AA MOP HANGER: 889-CC / STRAINER: E72-DD SEE NOTE 6		
FD1	FLOOR DRAIN	-	-	-	SEE PLAN FOR SIZE	ZURN	ZN-415-5B-P	NIKOLAY TOP DEEP SEAL TRAP, PROVIDE PRIMER TAP. SEE NOTE 5		
FD2	SHOWER DRAIN	-	-	3"	-	ZURN	ZN-415-5B	NIKOLAY TOP.		
FS1	FLOOR SINK	-	-	3"	-	ZURN	ZN-1900-2-23-K	ALL WASTE PIPES DRAINING INTO FLOOR SINKS SHALL BE INSTALLED IN ACCORDANCE WITH NCSBO-PC ARTICLE 802.2.1 HALF TOP GRATE, 12"x12" TOP, SEDIMENT BUCKET.		
RB1	REFRIGERATOR VALVE BOX	3/8"	-	-	-	-	-	INCLUDE SHUTOFF VALVE AND RECESSED WALL BOX		
HB1	HOSE BIBB	3/4"	-	-	-	WOODFORD	25	PROVIDE VACUUM BREAKER FREEZEPROOF		
CO1	FINISHED FLOOR CLEANOUT	-	-	-	-	ZURN	ZN-1400-T	WITH NIKOLAY TOP		
CO2	EXTERIOR CLEANOUT	-	-	-	-	ZURN	Z-1400	WITH CAST IRON TOP. SEE (C)		
CO3	WALL CLEANOUT COVERPLATE	-	-	-	-	ZURN	Z-1469	STAINLESS STEEL		
DW1	DISHWASHER CONNECTION	-	1/2"	1"	-	-	-	CONNECT WATER & WASTE TO ADJACENT SINK IN A CODE APPROVED MANNER.		
SA1	SHOCK ARRESTER	3/4"	-	-	-	ZURN	Z-1700-100	-		

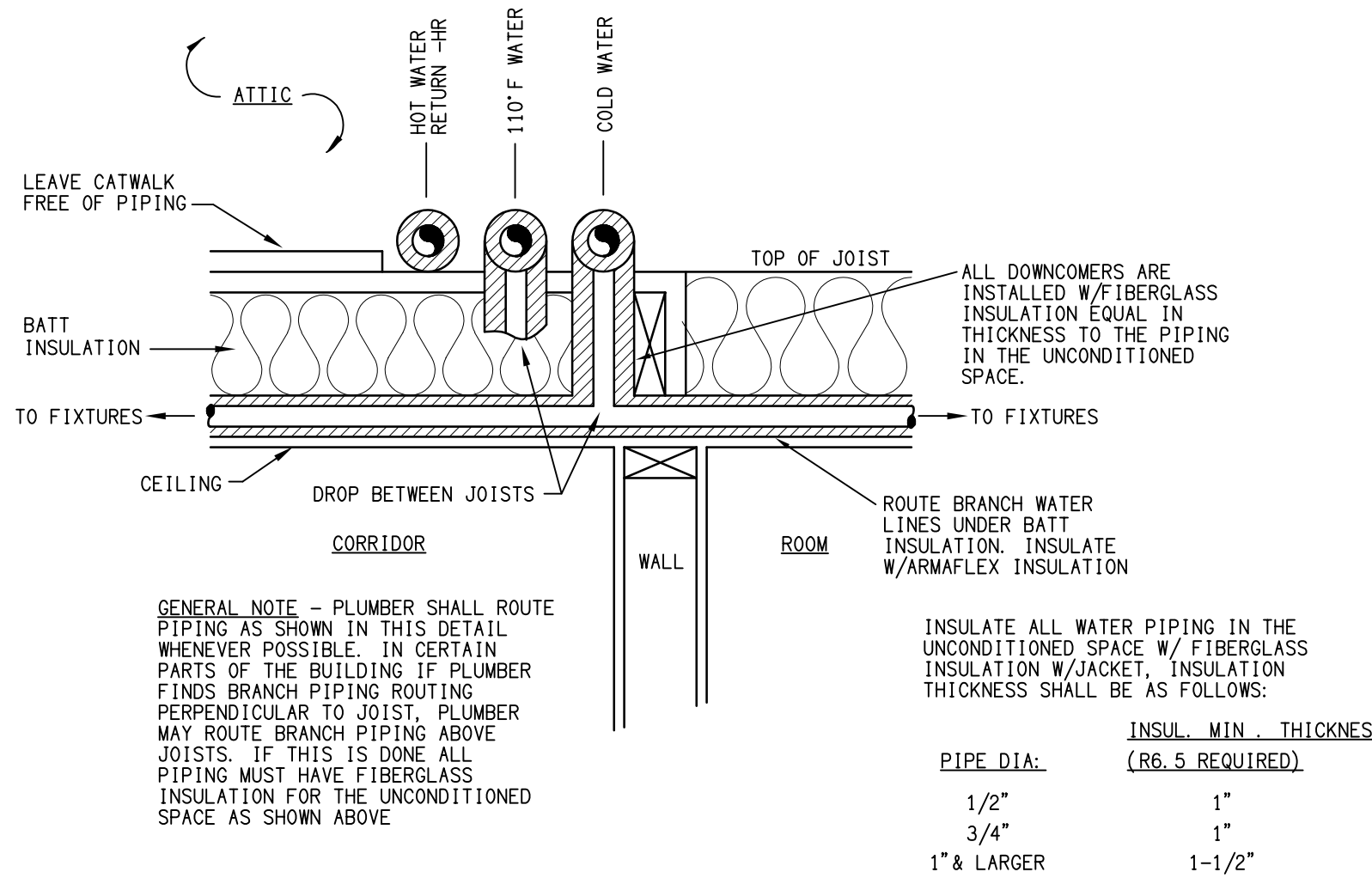
- NOTES:
- MATERIAL AND INSTALLATION SHALL BE PER STATE HANDICAP CODE REQUIREMENTS AND ADA REQUIREMENTS.
  - TANK TOILETS SHALL FLUSH ON A MAXIMUM OF 1.6 GALLONS PER FLUSH.
  - LAVATORIES SHALL HAVE .5 GPM FLOW AERATORS.
  - SHOWER HEAD SHALL HAVE FLOW RESTRICTOR TO PASS A MAXIMUM OF 2.5 GPM.
  - FLOOR DRAIN SHALL BE PRIMED WITH 1/2" COPPER LINE FROM NEARBY CLEAR WATER FIXTURE (LAVATORY). TAP CLEAR WATER FIXTURE TAIL PIECE WITH WATER SAVER TRAP PRIMER AND ROUTE COPPER SUPPLY LINE UNDER SLAB TO DRAIN PRIMER CONNECTION. WATER SAVER TRAP PRIMER SHALL BE ACCESSIBLE AND CODE APPROVED. IF A CLEAR WATER FIXTURE SUCH AS A LAVATORY IS NOT AVAILABLE TAP NEARBY COLD WATER LINE AND ROUTE 1/2" PRIMER LINE THROUGH PRIMER VALVE CODE APPROVED FOR WASTE/WATER CROSS CONNECTION. VALVE SHALL BE ACCESSIBLE.
  - INSTALL CHECK VALVE ON COLD & HOT SUPPLY LINES SERVING MOP SINK.
  - FLUSH HANDLE FOR TANK WATER CLOSETS SHALL BE LOCATED ON THE WIDE SIDE OF THE TOILET ROOM.
  - THE USE OF OFFSET WATER CLOSET FLANGES IS PROHIBITED. MISALIGNED WATER CLOSET FLANGES MUST BE RE-PIPED.
  - MANUFACTURER AND MODEL NUMBERS LISTED ARE BASIS FOR DESIGN.
  - WHEN LAVATORY IS LOCATED IN A PUBLIC ACCESS AREA CONTRACTOR SHALL PROVIDE AND INSTALL A PROPERLY SIZED TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070 OR CSA B125.3.

PLUMBING EQUIPMENT SCHEDULE -										
SYM.	FIXTURE	CW	HW	DRAIN	STOPS & VALVES	MANUF. (SEE NOTE 10)	MODEL (SEE NOTE 10)	REMARKS		
WH1	WATER HEATER 100 GALLON GAS	1-1/2"	1-1/2"	-	GATE	A. O. SMITH	BTH-199	199,000 BTUH DIRECT VENT / SEALED COMBUSTION		
DT1	DIAPHRAGM TANK	3/4"	-	-	-	STATE	ETC-10X	TOTAL VOLUME 9.21 GAL. ACCEPTANCE = 5.25 GAL. PRE-CHARGE TO SYSTEM PRESSURE.		
CP1	HOT WATER CIRCULATION PUMP - 110°F	3/4"	-	-	-	TACO	009B	3 GPM @ 24' TDH, 110 VOLT, 1/8 HP.		

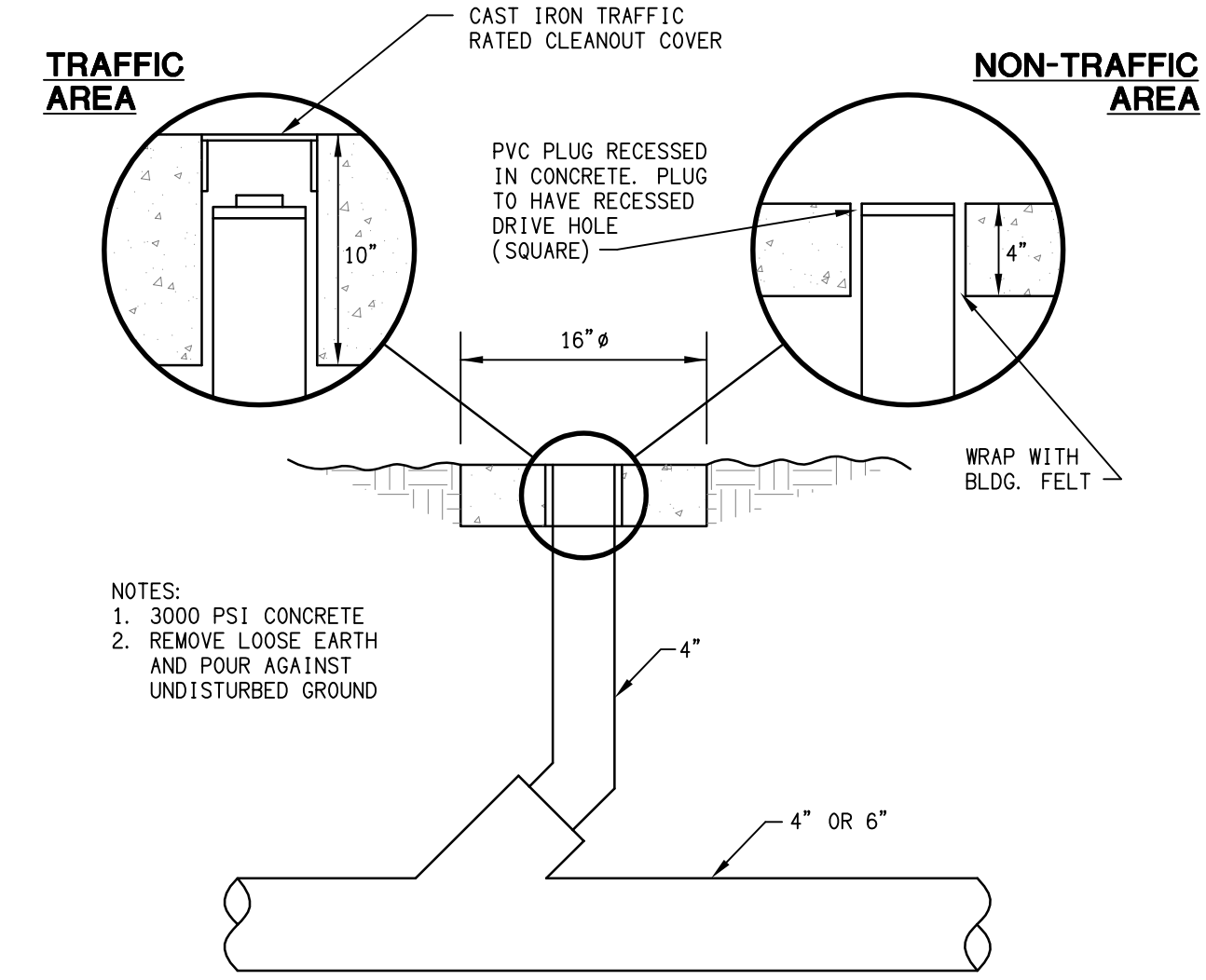
ALL GAS PRESSURE REDUCING VALVES SHALL BE INSTALLED STRICTLY AS PER MANUFACTURER'S INSTRUCTIONS AND THE INSTRUCTIONS OF THE GAS USER BEING SERVED. IN PARTICULAR THE PHENOMENON OF TRAPPING GAS ON THE DOWNSTREAM SIDE OF THE VALVE AT UNIT SHUTOFF (WHICH CAN CAUSE A HIGH DOWNSTREAM PRESSURE) MUST BE AVOIDED. THIS CAN BE DONE BY USING A PRESSURE REDUCING VALVE SPECIFICALLY DESIGNED TO AVOID THIS SITUATION OR PROVIDING ENOUGH DOWNSTREAM PIPING BETWEEN EQUIPMENT AND PRV TO AVOID THIS SITUATION



**D NATURAL GAS ENTRY RISER**  
NO SCALE

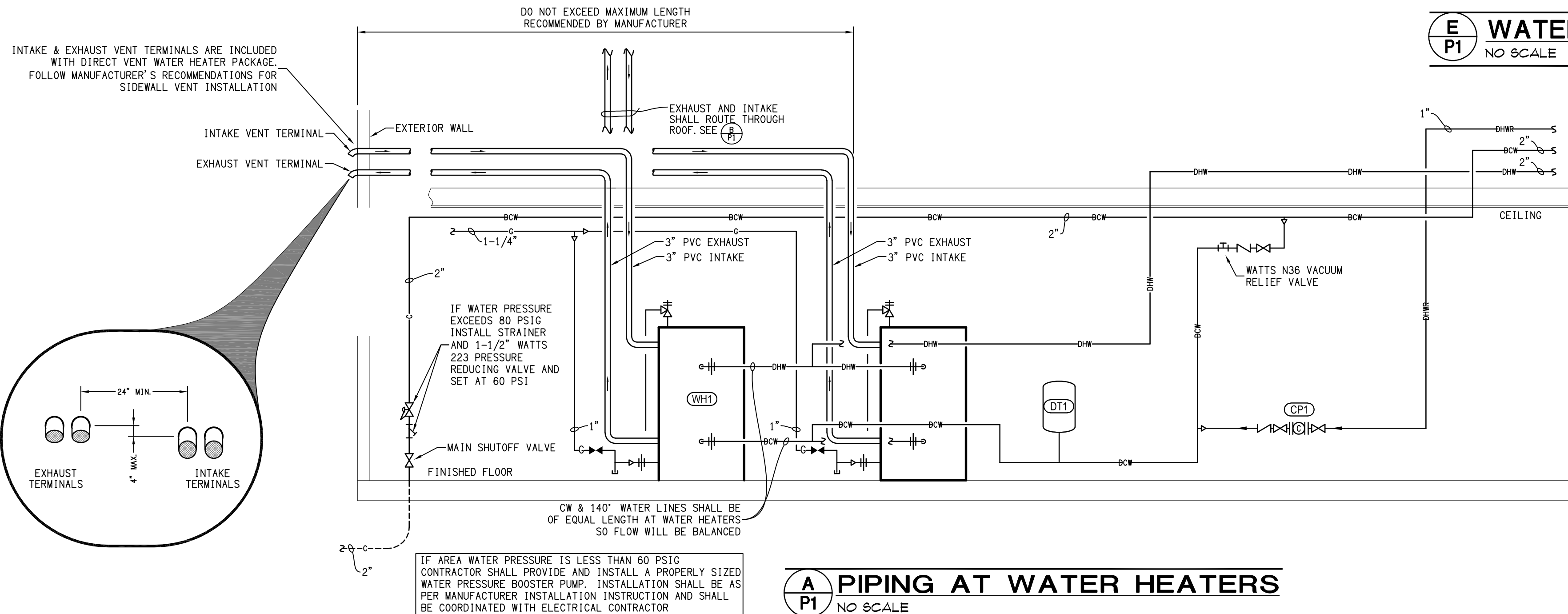


**E WATER PIPE ABOVE CORRIDORS**  
NO SCALE

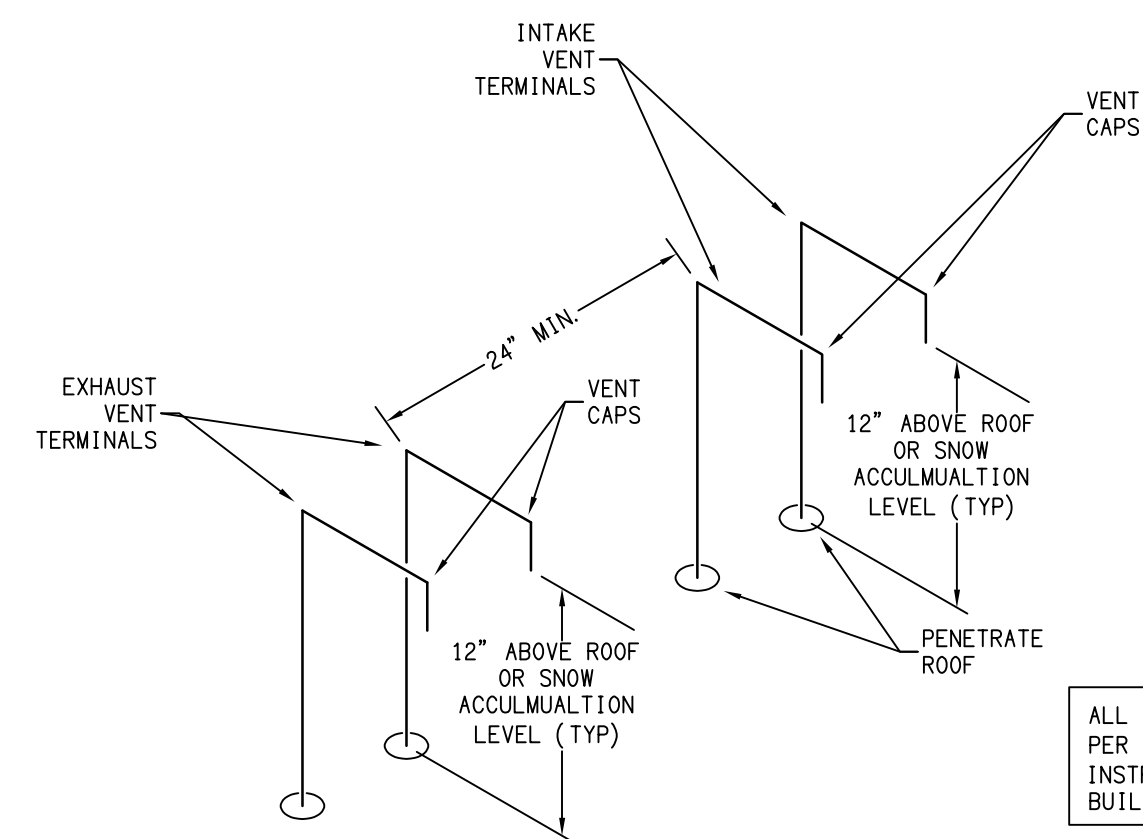


**C EXTERIOR CLEANOUT**  
NO SCALE

LEGEND	
---	WASTE PIPE
----	VENT PIPE
----	COLD WATER PIPE - BELOW GRADE - EXISTING
----	COLD WATER PIPE - ABOVE GRADE - EXISTING
----	COLD WATER PIPE - ABOVE GRADE
----	COLD WATER PIPE - BELOW GRADE
----	HOT WATER PIPE - ABOVE GRADE - 110°F
----	RECIRCULATION PIPE - ABOVE GRADE - 110°F
----	GAS PIPE - ABOVE GRADE
⊗	GATE VALVE
⊕	CHECK VALVE
+	HOSE BIBB
⊕	UNION
⊕	PIPE REDUCTION
□	INTERIOR CLEANOUT (CO1)
○	EXTERIOR CLEANOUT (CO2)
-	WALL CLEANOUT (CO3)
VTR	VENT THROUGH ROOF
CO	CLEANOUT
ER	EXISTING TO REMAIN
PH	REFER TO PLAN OR DETAIL A ON SHEET P1
ISOM	REFER TO ISOMETRIC A ON SHEET P1
RV	RELIEF VALVE
TV	THERMOSTATIC BALANCING VALVE
SV	GAS SHUTOFF VALVE
PRV	PRESSURE REDUCING VALVE
STR	STRAINER
FD	FLOOR DRAIN
FS	FLOOR SINK
HD	HUB DRAIN
RP	RECIRCULATION PUMP



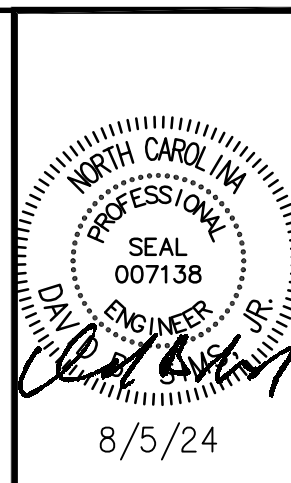
**A PIPING AT WATER HEATERS**  
NO SCALE



**B VERTICAL EXHAUST/INTAKE VENT ROOF TERMINATION**  
NO SCALE

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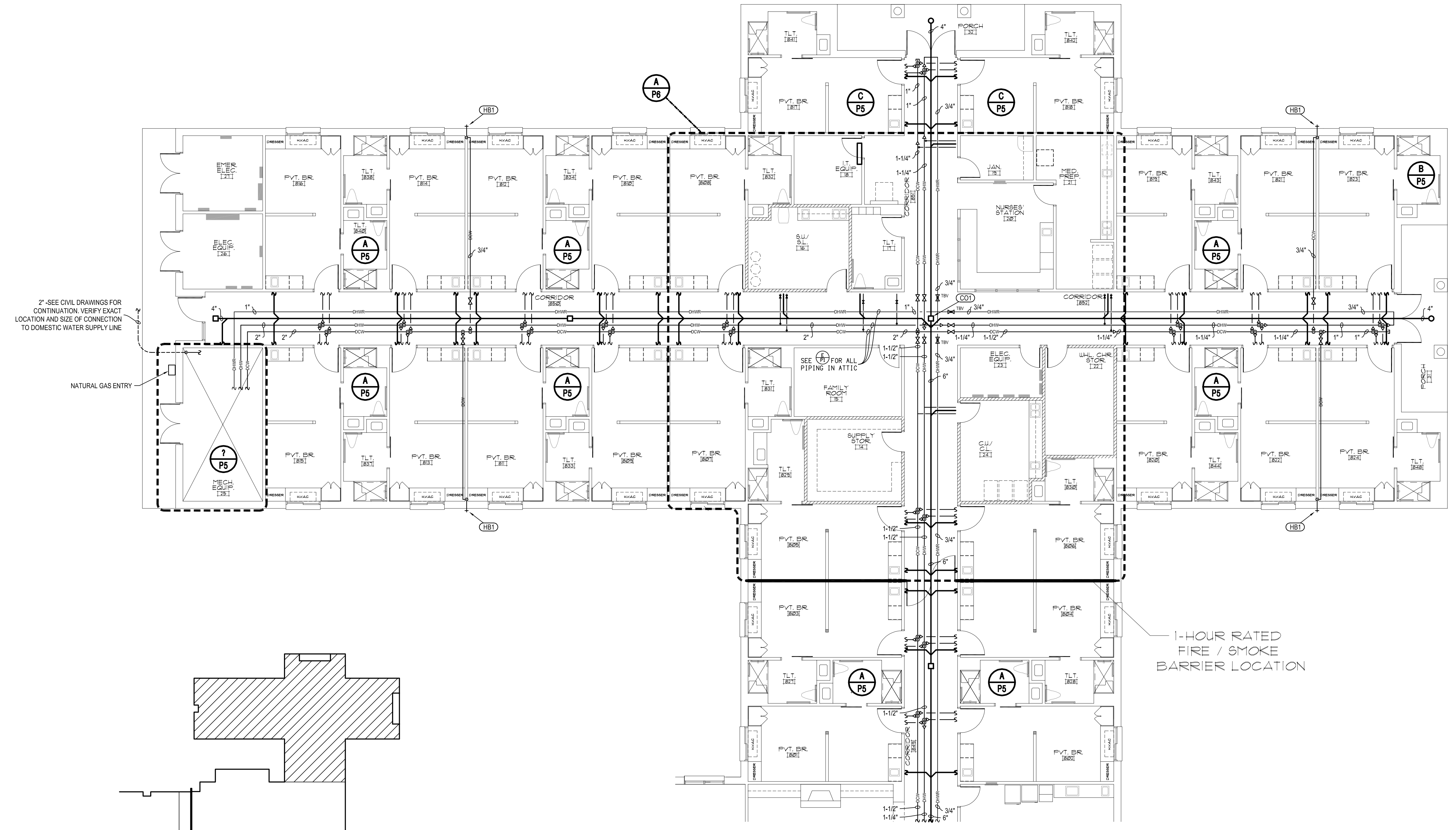
**David R. Polston - Architect**  
3806 Park Ave. Suite 2-L, Wilmington, NC 28403  
Architecture Planning Design

24 BED CONCERGE / THERAPY ADDITION  
PHASE ONE

**P1**  
DSA# 24082







2" - SEE CIVIL DRAWINGS FOR CONTINUATION. VERIFY EXACT LOCATION AND SIZE OF CONNECTION TO DOMESTIC WATER SUPPLY LINE.

NATURAL GAS ENTRY

3/4"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"

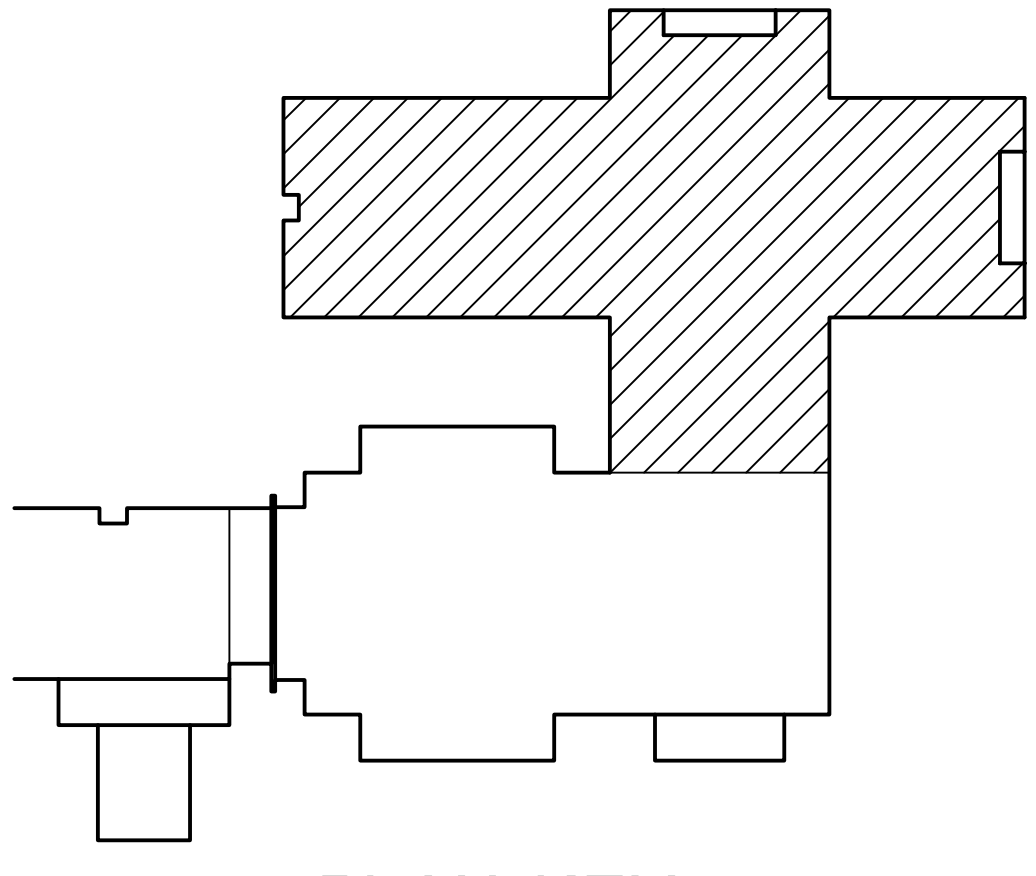
1-1/2"

1-1/2"

1-1/2"

1-1/2"

1-1/2"



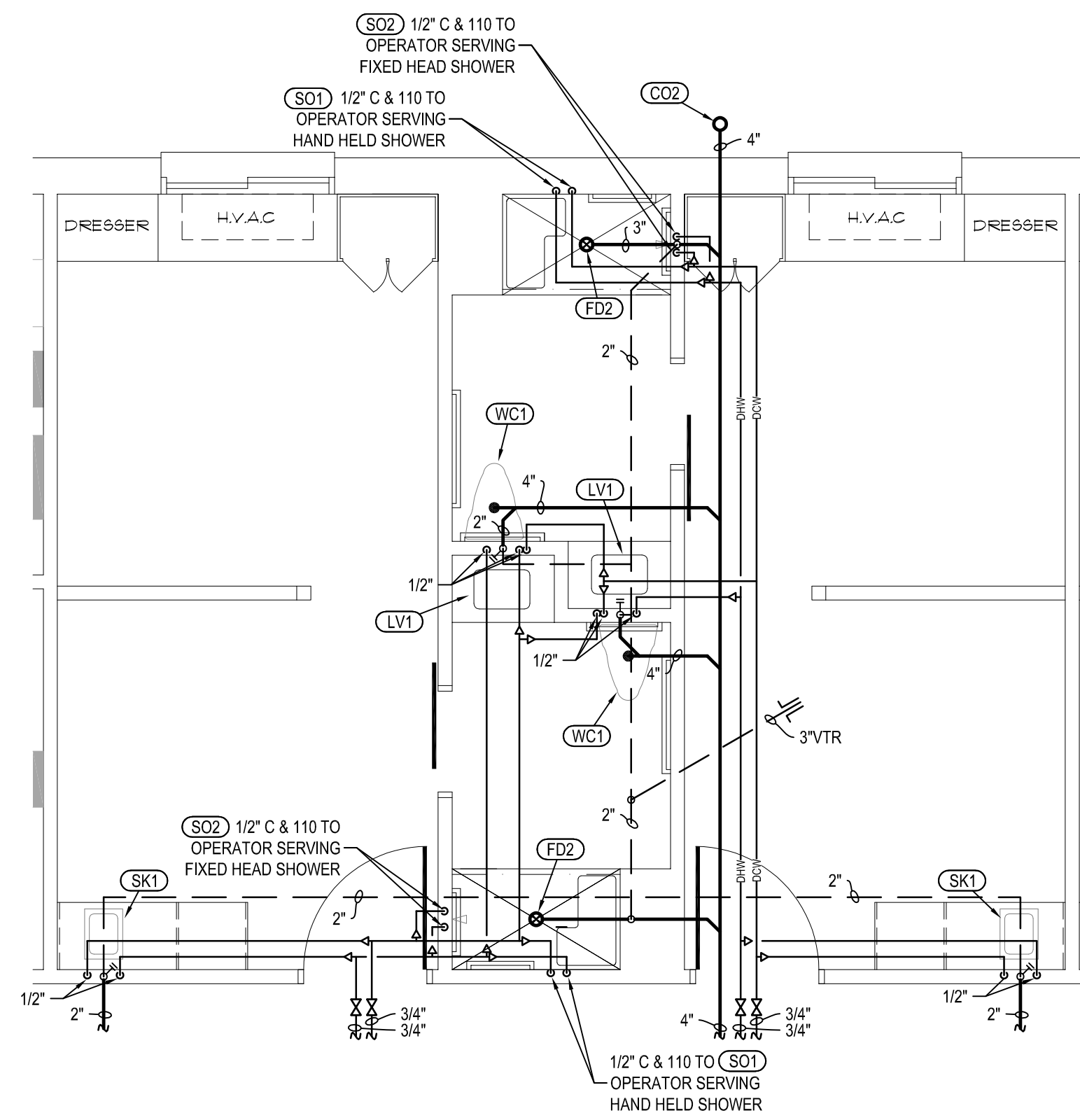
**PLAN KEY**

1-HOUR RATED FIRE / SMOKE BARRIER LOCATION

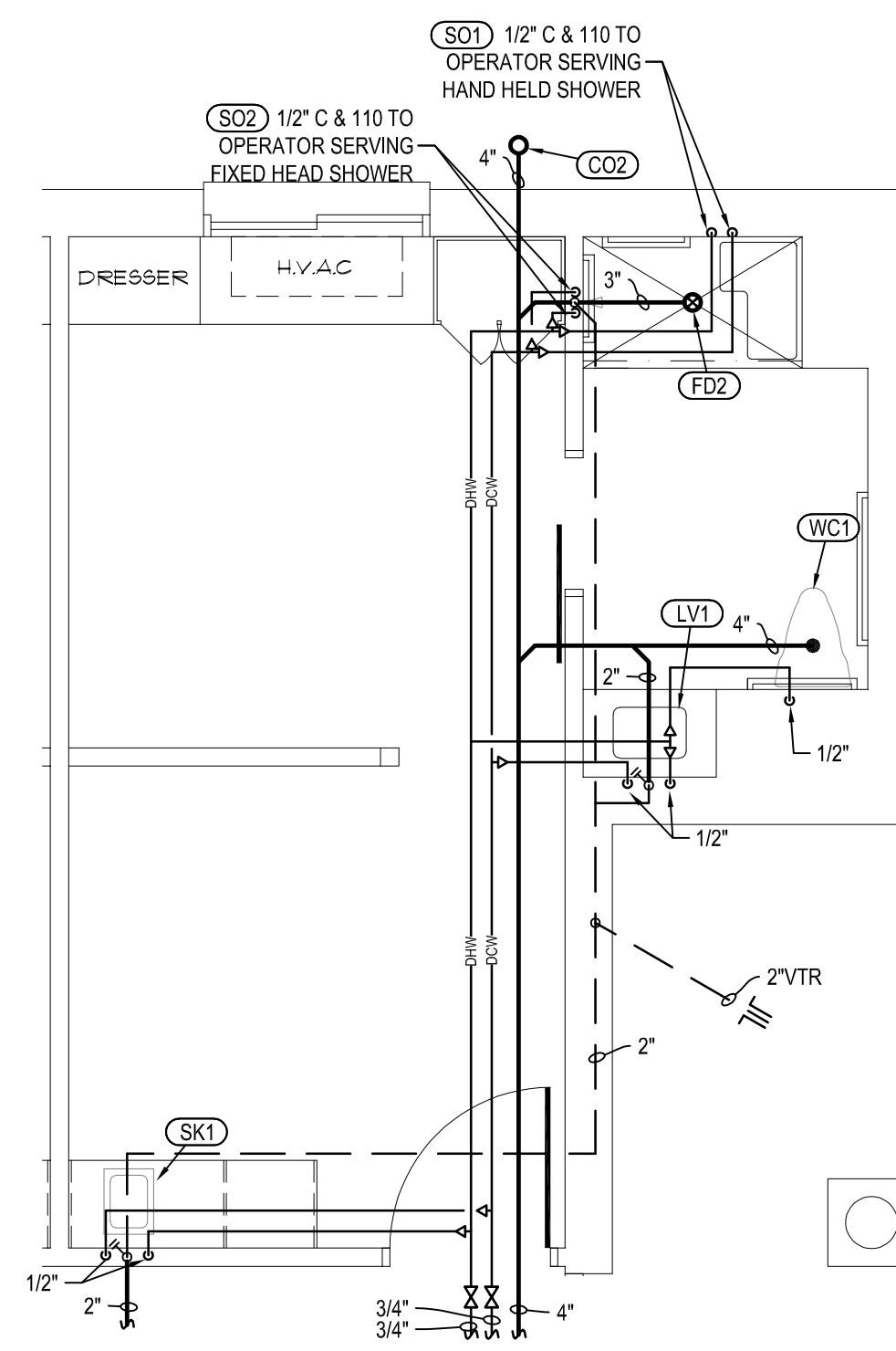
- PLUMBING NOTES :
1. ALL PLUMBING VENTS MUST BE MINIMUM OF 25' FROM MECHANICAL FRESH AIR INTAKES.
  2. CONTRACTOR MUST INSTALL EXPANSION LOOPS AS RECOMMEND BY WATER PIPE MANUFACTURER

**A P4 PARTIAL ADDITION PLUMBING PLAN**  
 SCALE: 1/8" = 1'-0"

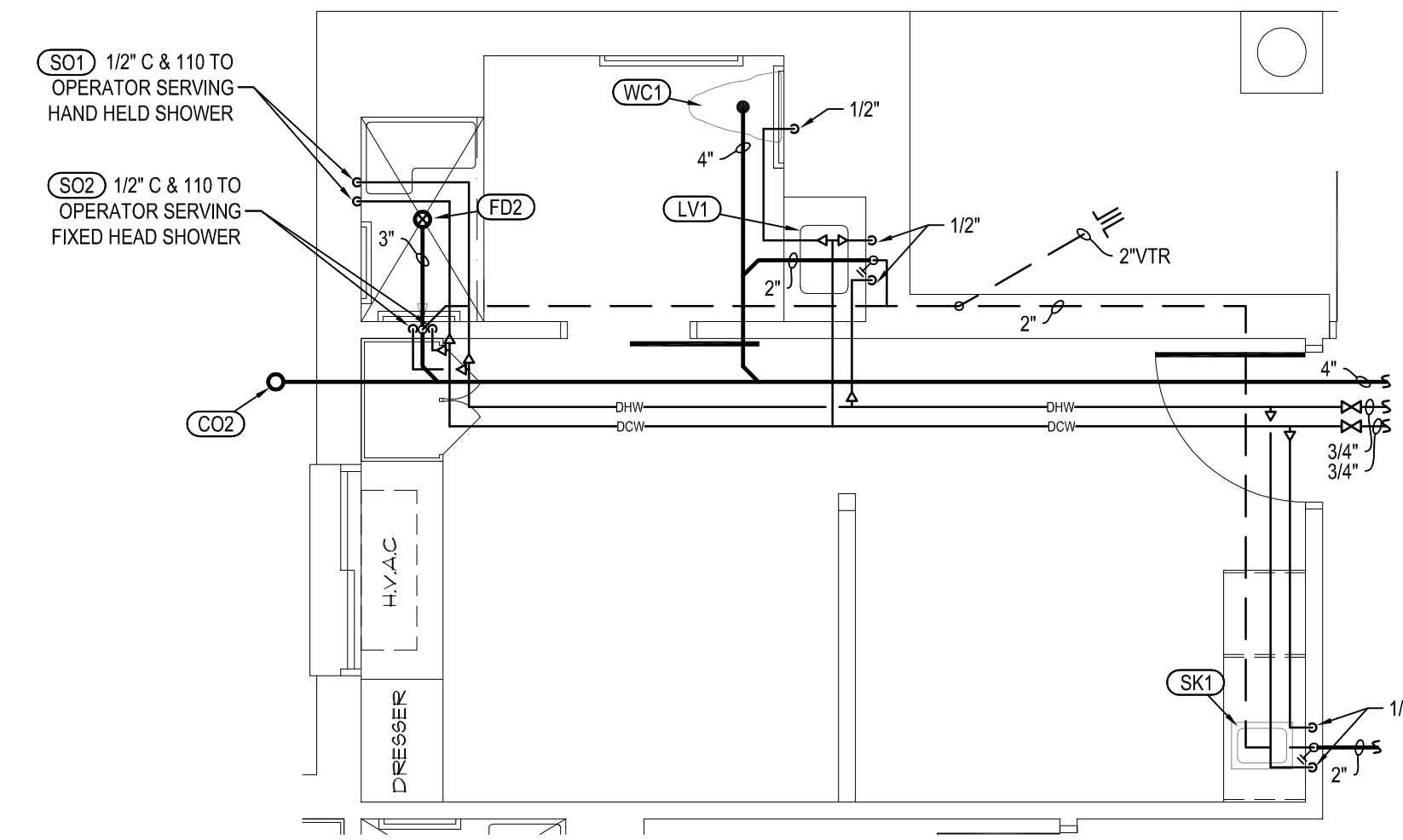
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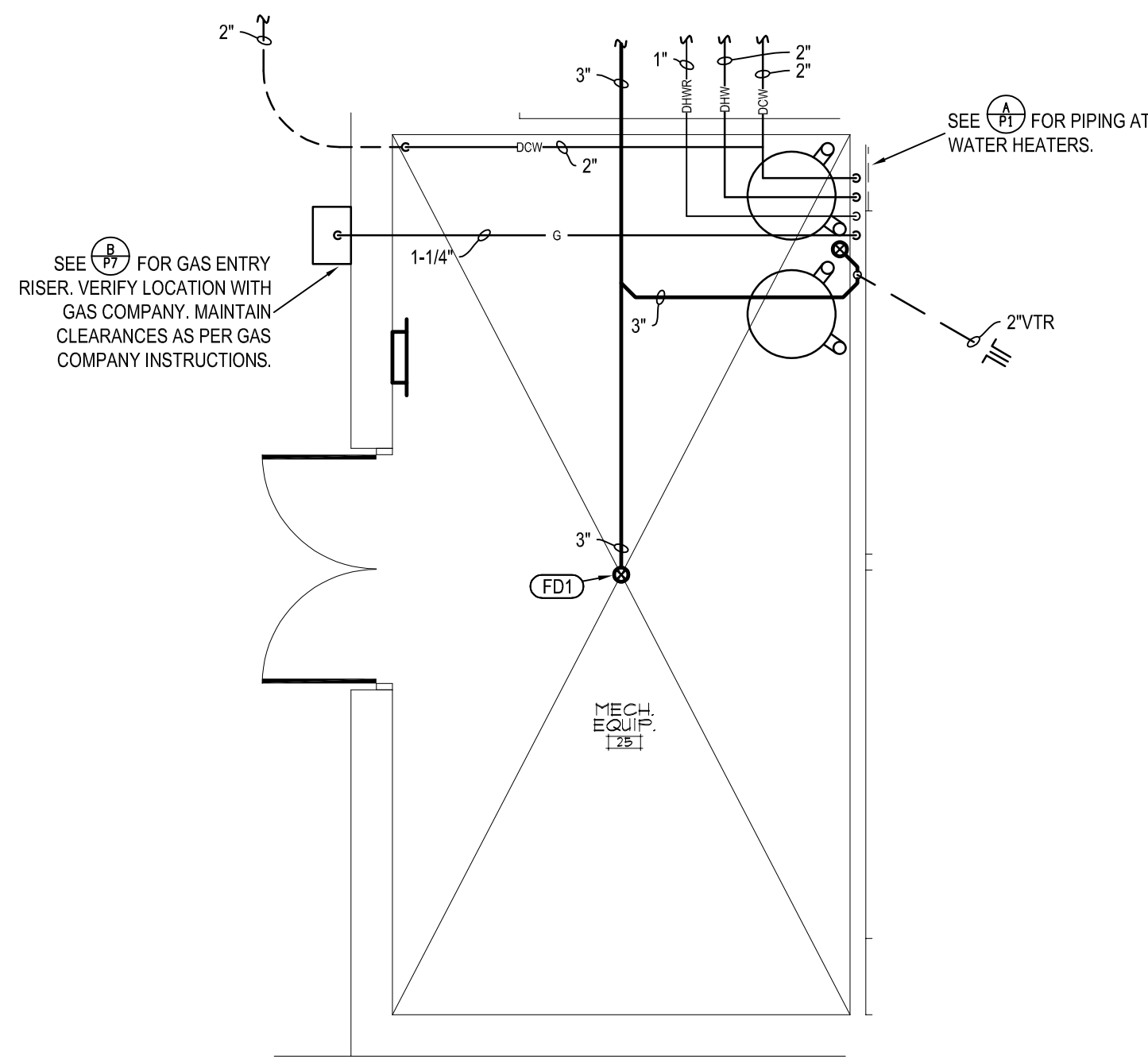
**A ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



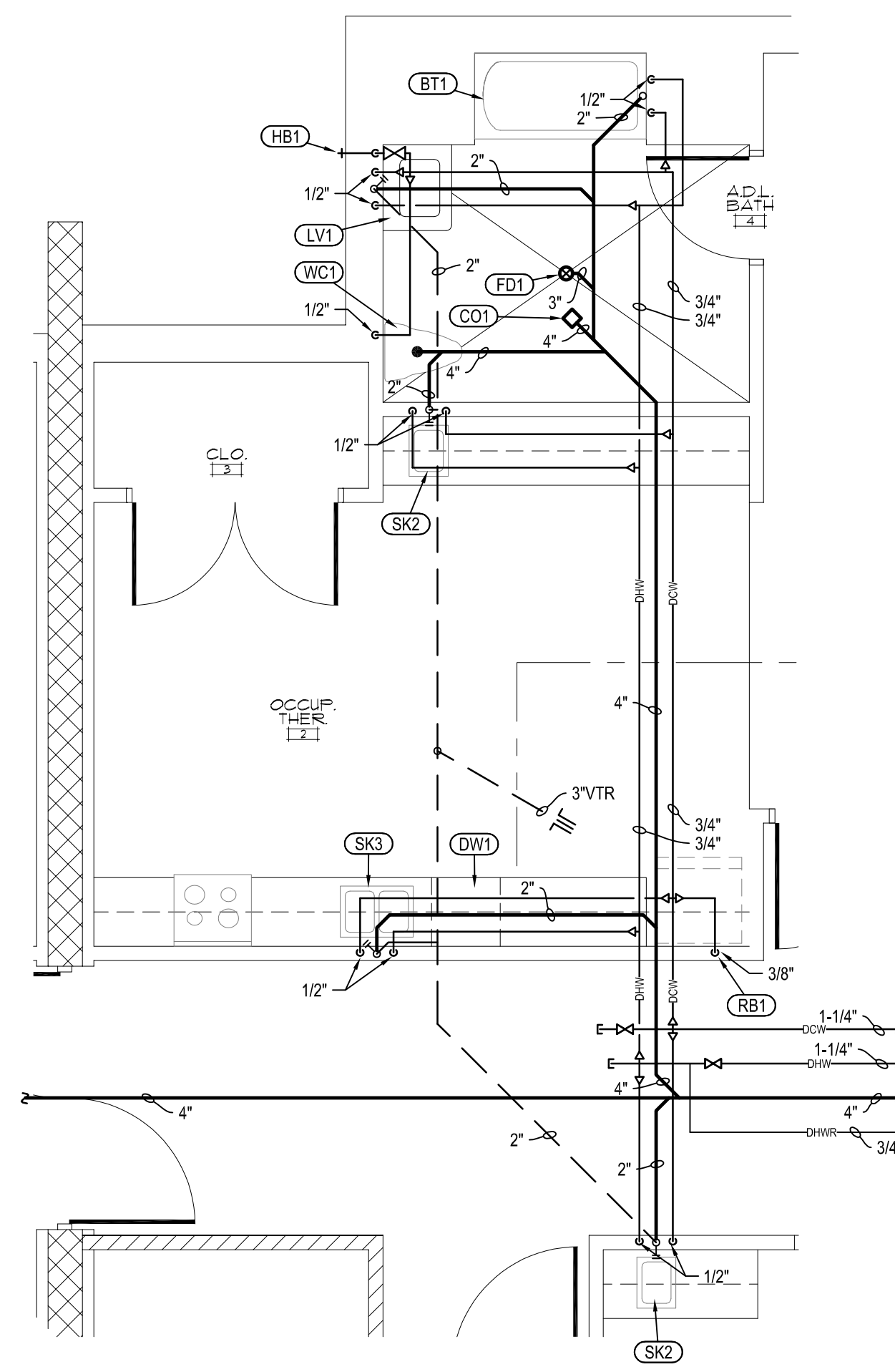
**B ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



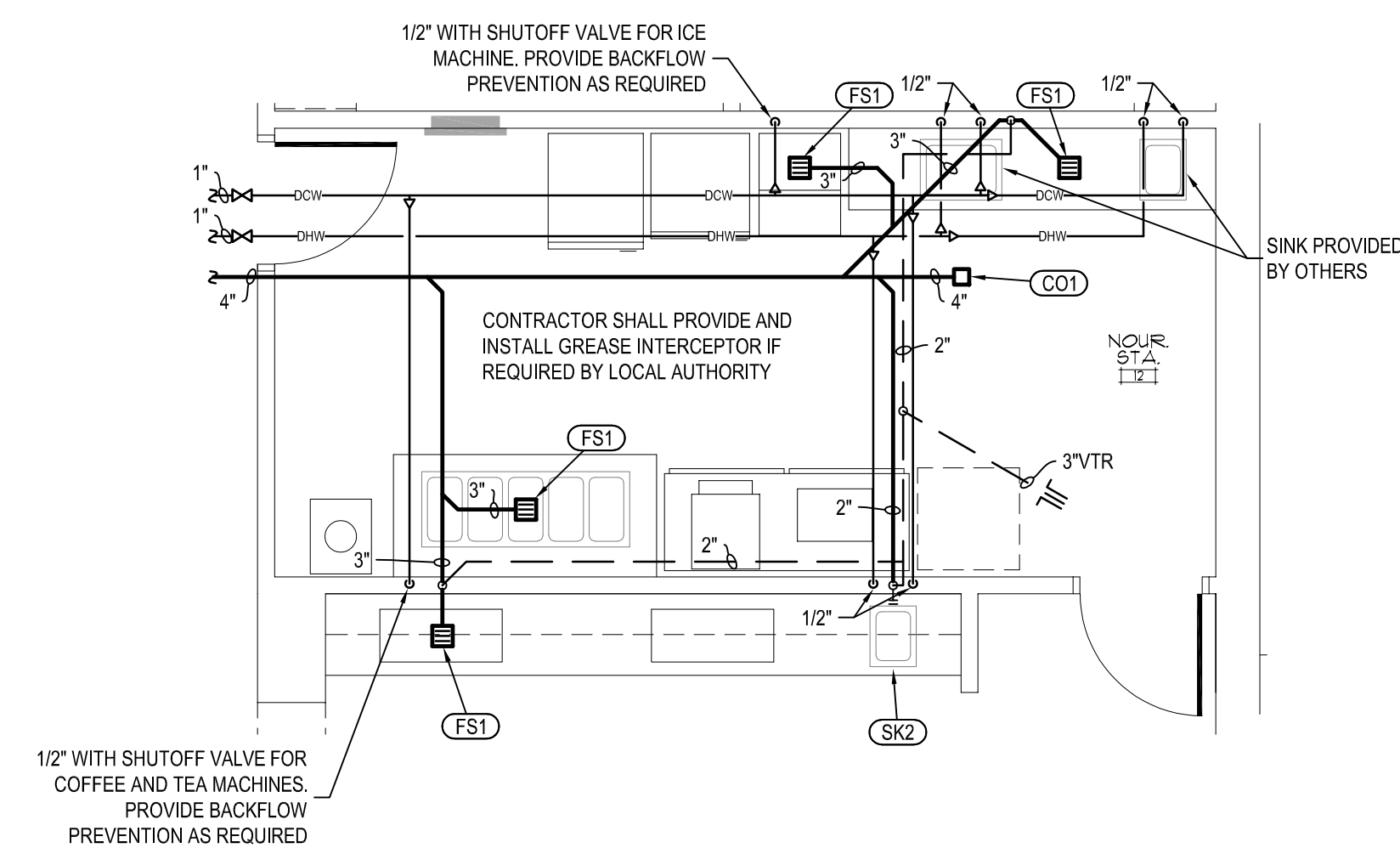
**C ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



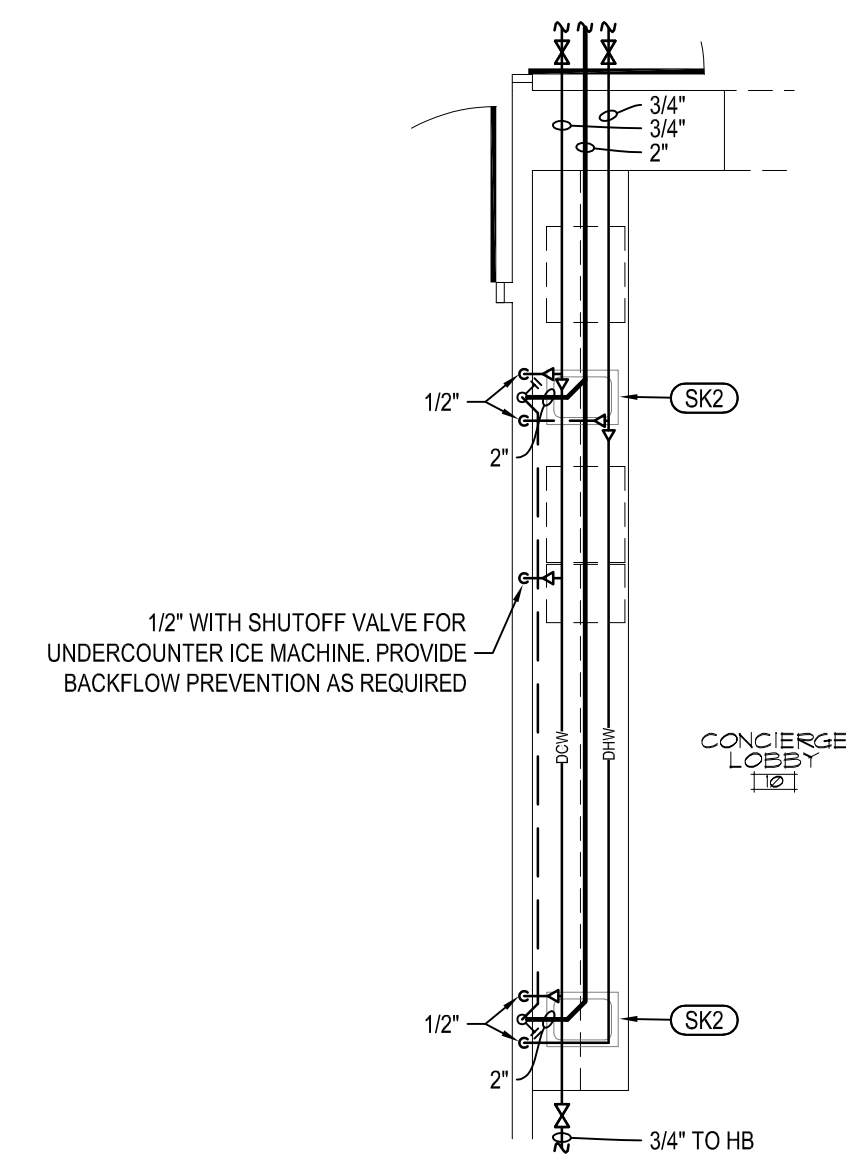
**D ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



**E ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



**F ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"



**G ENLARGED PLAN**  
 P5 SCALE: 1/4" = 1'-0"

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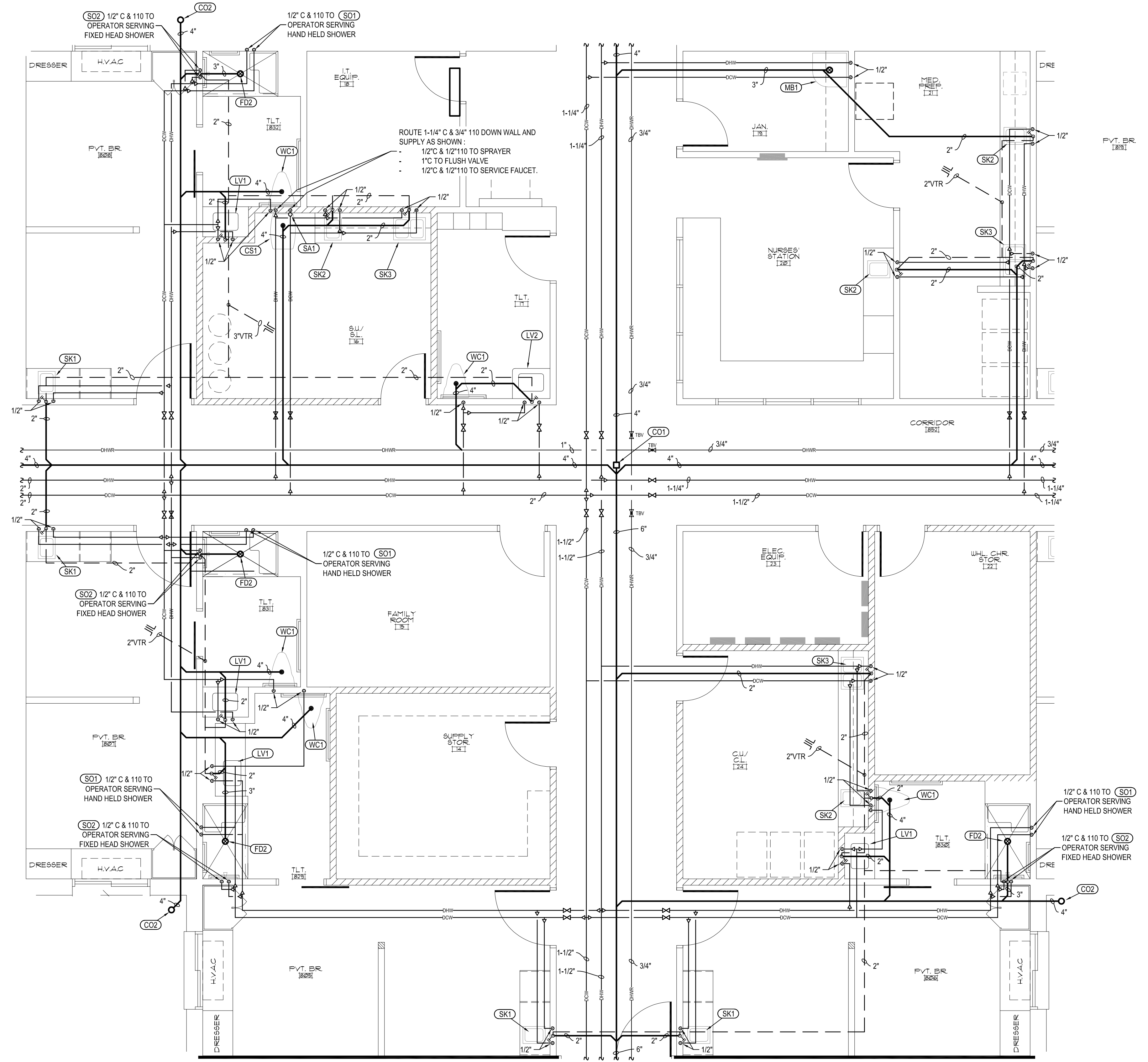
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 Raleigh, North Carolina

**David R. Polston - Architect**  
 3806 Park Ave. Suite 2-L, Wilmington, NC 28403  
 Architecture Planning Design

24 BED CONCERGE / THERAPY ADDITION  
 PHASE ONE

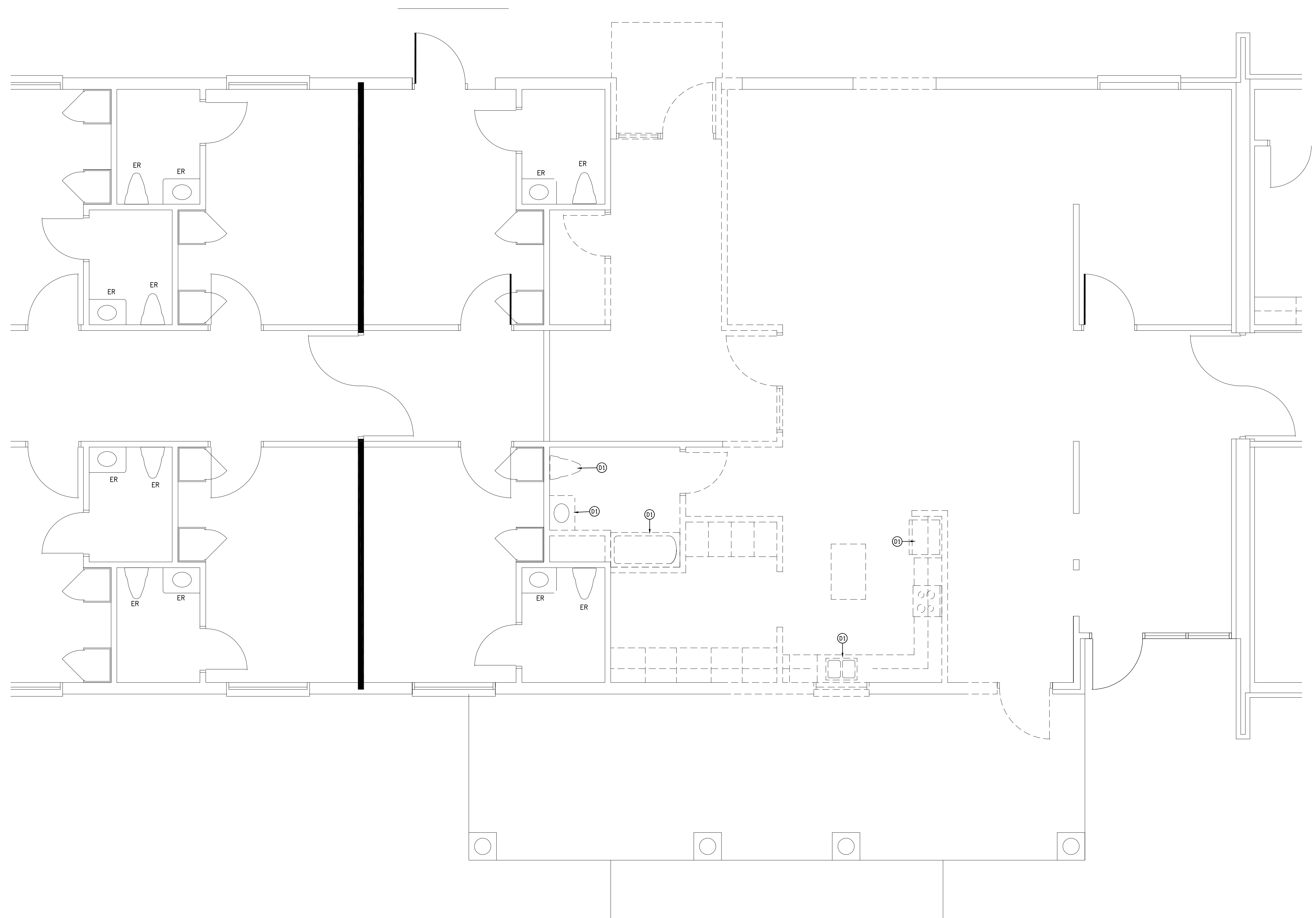
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**A**  
**P6** ENLARGED PLAN  
SCALE: 1/4" = 1'-0"

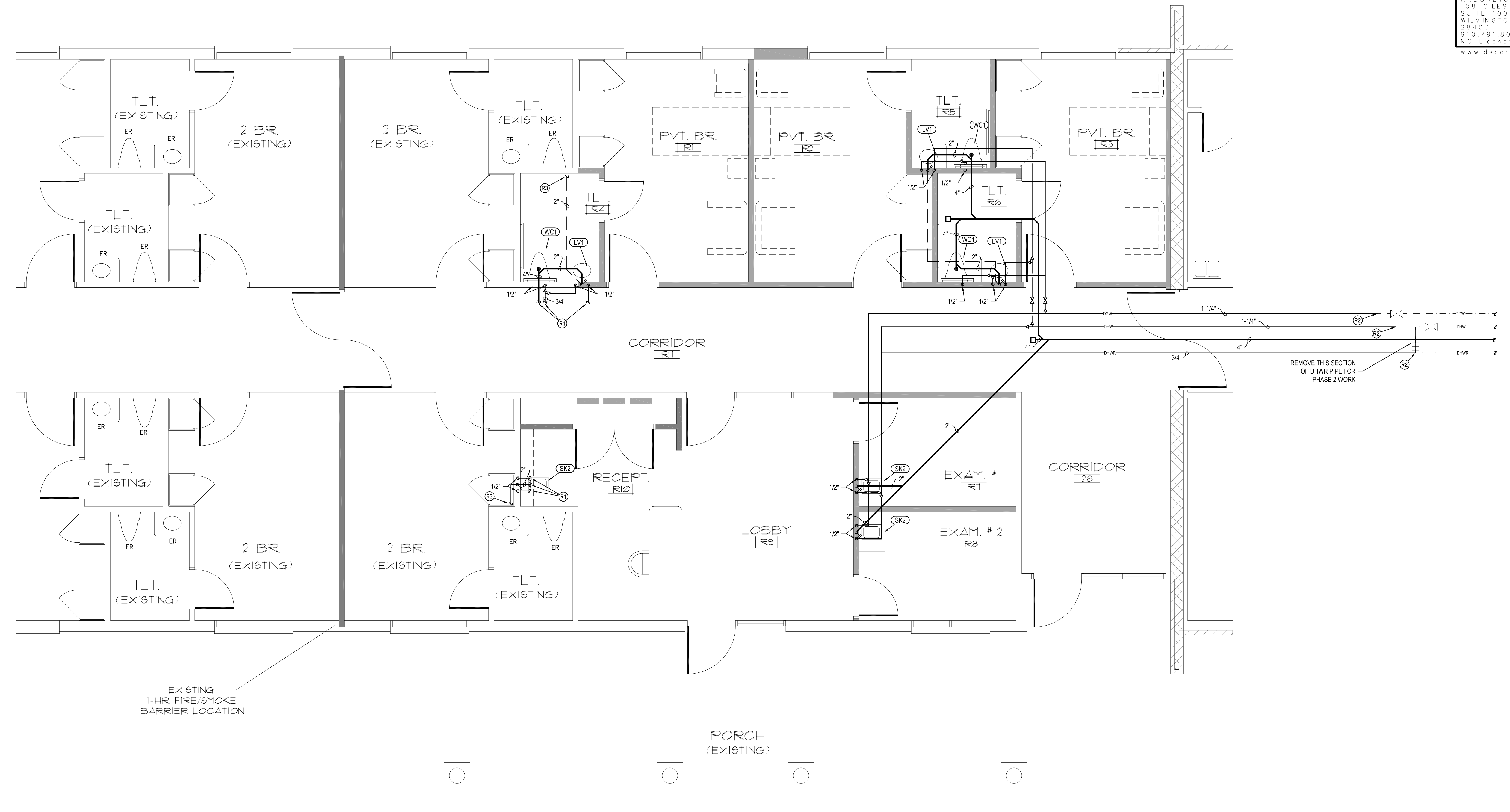
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**A**
  
**P7**
**PARTIAL PLAN - DEMOLITION AT EXISTING PHYSICAL THERAPY AFTER COMPLETION OF PHASE ONE**
  
 SCALE: 1/4" = 1'-0"

DEMOLITION KEY NOTES:
   
 (BT) EXISTING PLUMBING FIXTURE INDICATED SHALL BE REMOVED. REMOVE ALL ASSOCIATED WATER PIPING THAT WILL NOT BE USED AFTER THE RENOVATION. CUT AND CAP EXISTING WASTE LINE OUT OF SIGHT OF FINISHED CONSTRUCTION IN A CODE APPROVED MANNER LEAVING NO DEAD-ENDS GREATER THAN 2'-0" IN LENGTH.

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**A RENOVATED EXISTING THERAPY SUITE TO NEW THREE PRIVATE BEDROOMS, AND PHYSICIANS SUITES**  
 PB SCALE: 1/4" = 1'-0"

- RENOVATION KEY NOTES:
- (R1) TIE NEW WATER AND SEWER LINES INTO EXISTING WATER AND SEWER LINES IN THIS AREA. CONTRACTOR MUST VERIFY LOCATION OF EXISTING UTILITIES BEFORE INSTALLING ANY NEW PIPE.
  - (R2) TIE NEW WATER LINES INTO EXISTING WATER DISTRIBUTION LINES INSTALLED DURING PHASE 1 ADDITION.
  - (R3) TIE NEW PLUMBING VENT LINE INTO EXISTING PLUMBING VENT LINE IN THIS AREA. CONTRACTOR MUST VERIFY LOCATION OF EXISTING UTILITIES BEFORE INSTALLING ANY NEW PIPE.

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