

DANE COUNTY  
PUBLIC WORKS,  
HIGHWAY &  
TRANSPORTATION

# JAIL SHOWERS & SPLIT PODS IMPROVEMENTS — REBID

Dane County Public Safety Building  
115 West Doty Street  
Madison, Wisconsin

Dane County Bid No. 316037

JANUARY 31, 2017

**PLUMBING DESIGN**  
SELECT PLUMBING DESIGN  
4564 Evergreen Road  
Middleton, Wisconsin 53562  
Phone (608) 836-9674

**SHEET INDEX**

GENERAL

T-1 TITLE SHEET

ARCHITECTURAL

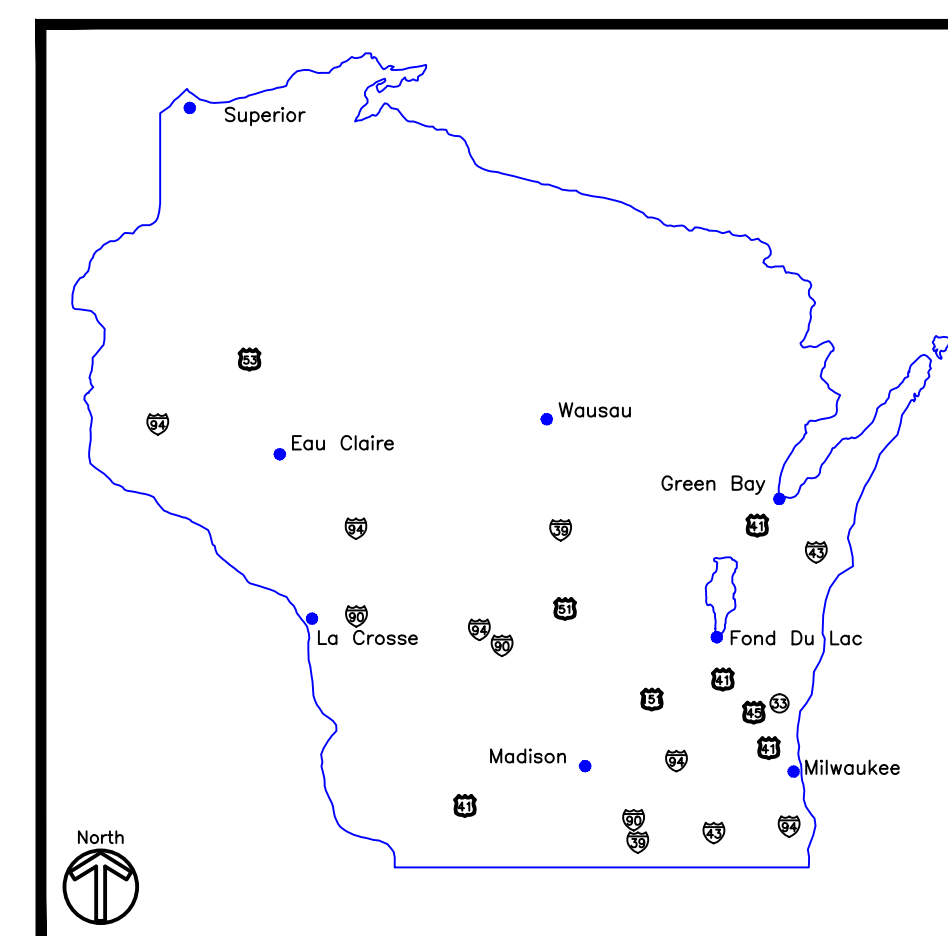
A-1 3RD & 4TH FLOOR PLANS  
A-2 SHOWER LINER FABRICATION DETAILS

PLUMBING

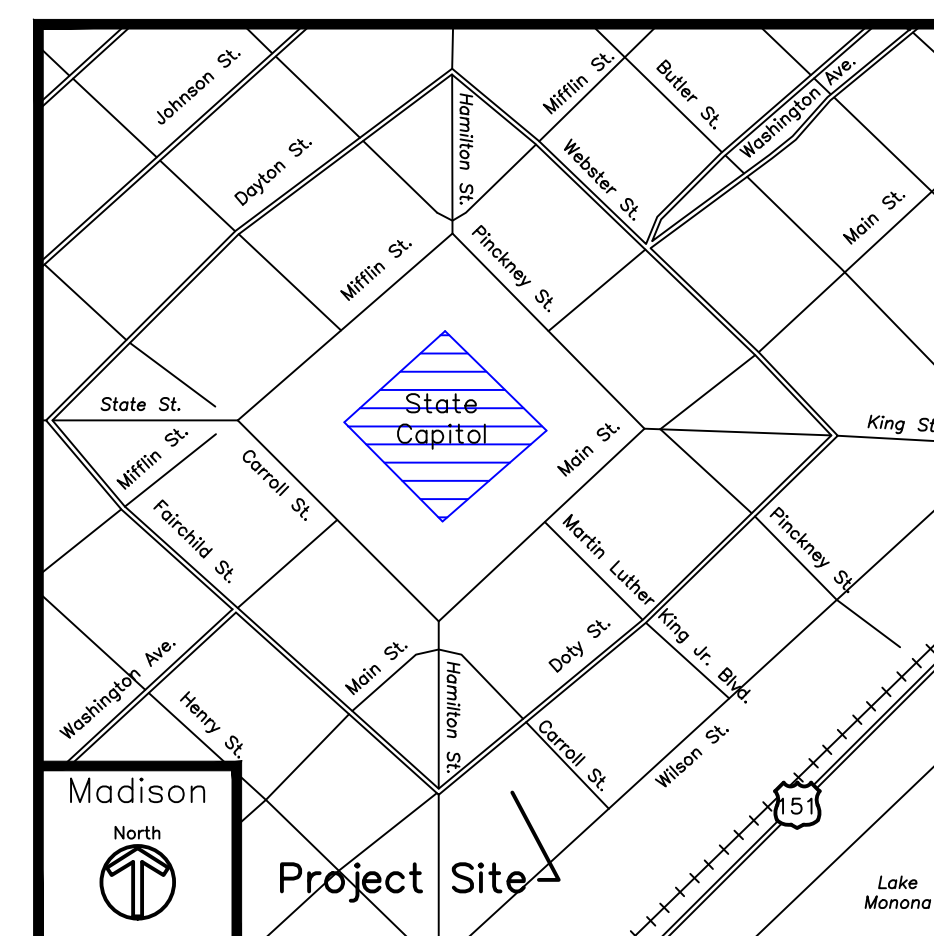
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PLAN, LEGEND & DETAILS  
P-2 BASE BID PLANS  
P-3 ALTERNATE BIDS PLANS  
P-4 PLUMBING ISOMETRICS

MECHANICAL

M-1 3RD FLOOR DUCT CLEANING PLAN  
M-2 4TH FLOOR DUCT CLEANING PLAN  
M-3 PENTHOUSE DUCT CLEANING PLAN



AREA LOCATION MAP



SITE LOCATION MAP

JAIL SHOWERS & SPLIT PODS IMPROVEMENTS  
PUBLIC SAFETY BUILDING  
115 W. DOTY STREET  
MADISON, WISCONSIN

Revisions:

Bid No. 316037  
Date 1/31/2017  
Drawn by jrl  
Checked by swc

TITLE SHEET

Sheet  
T-1

SPLIT POD 3I - BASE BID

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)
5. INSTALL NEW CARPETING
6. ADD PLUMBING CHASE ACCESS DOOR IN LARGE POD 3K (TO MATCH ACCESS DOOR IN LARGE POD 4K)

SPLIT POD 3G - BASE BID

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)
5. INSTALL NEW CARPETING

SPLIT POD 3E - BASE BID

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)

SPLIT POD 3C - ALT BID 1

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)
5. ADD PLUMBING CHASE ACCESS DOOR IN LARGE POD 3A (TO MATCH ACCESS DOOR IN LARGE POD 4K)

SPLIT POD 4G - ALT BID 2

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)

SPLIT POD 4E - ALT BID 2

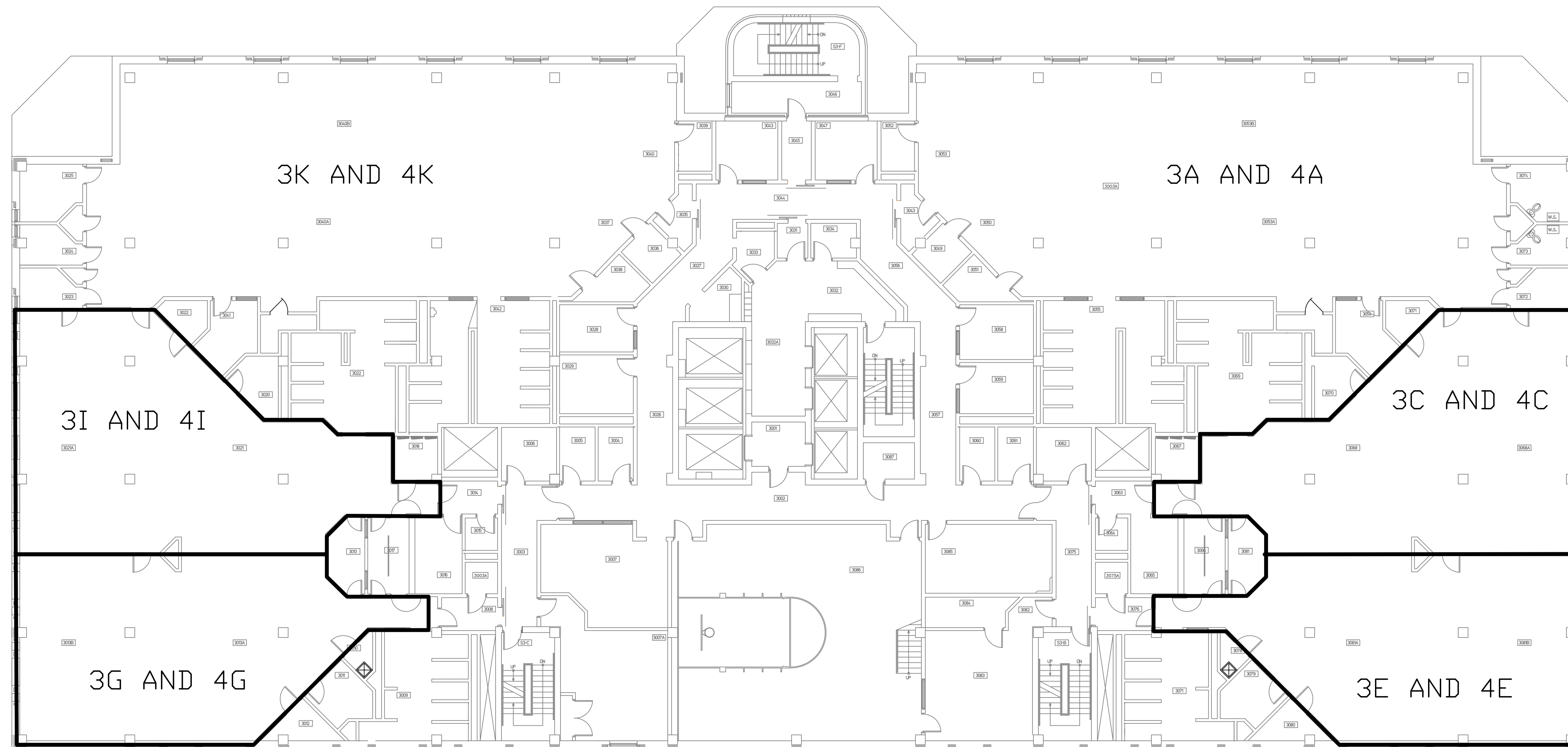
1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)
5. INSTALL NEW CARPETING

SPLIT POD 4I - ALT BID 3

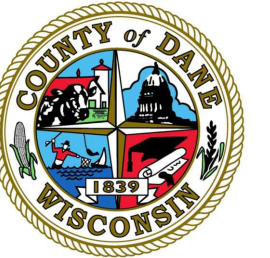
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2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)

SPLIT POD 4C - ALT BID 4

1. REMODEL ALL SHOWERS
2. STRIP, PREP, COAT & SEAL ALL RESTROOM FLOORS
3. CLEAN ALL DUCTWORK
4. PAINT ALL WALLS, CEILINGS & DOORS (EXCEPT RESTROOMS)
5. INSTALL NEW CARPETING
6. ADD PLUMBING CHASE ACCESS DOOR IN LARGE POD 4A (TO MATCH ACCESS DOOR IN LARGE POD 4K)



TYPICAL FLOOR PLAN  
3/32"=1'-0"



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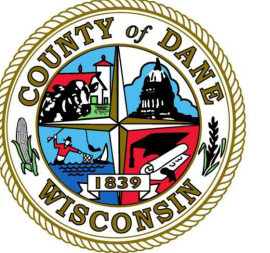
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3RD & 4TH  
FLOOR PLANS

Sheet  
A-1



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JAIL SHOWERS & SPLIT PODS IMPROVEMENTS

PUBLIC SAFETY BUILDING  
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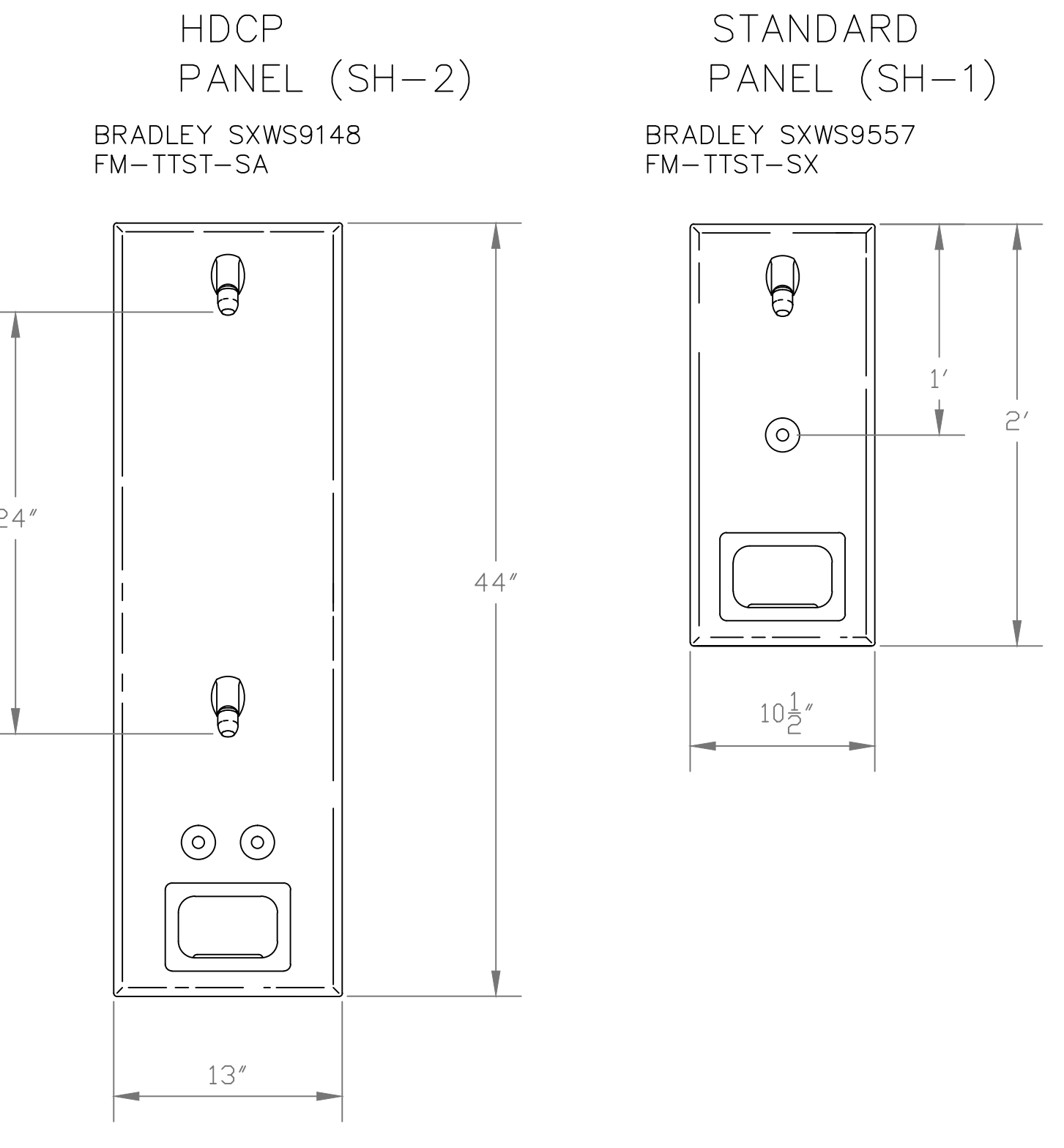
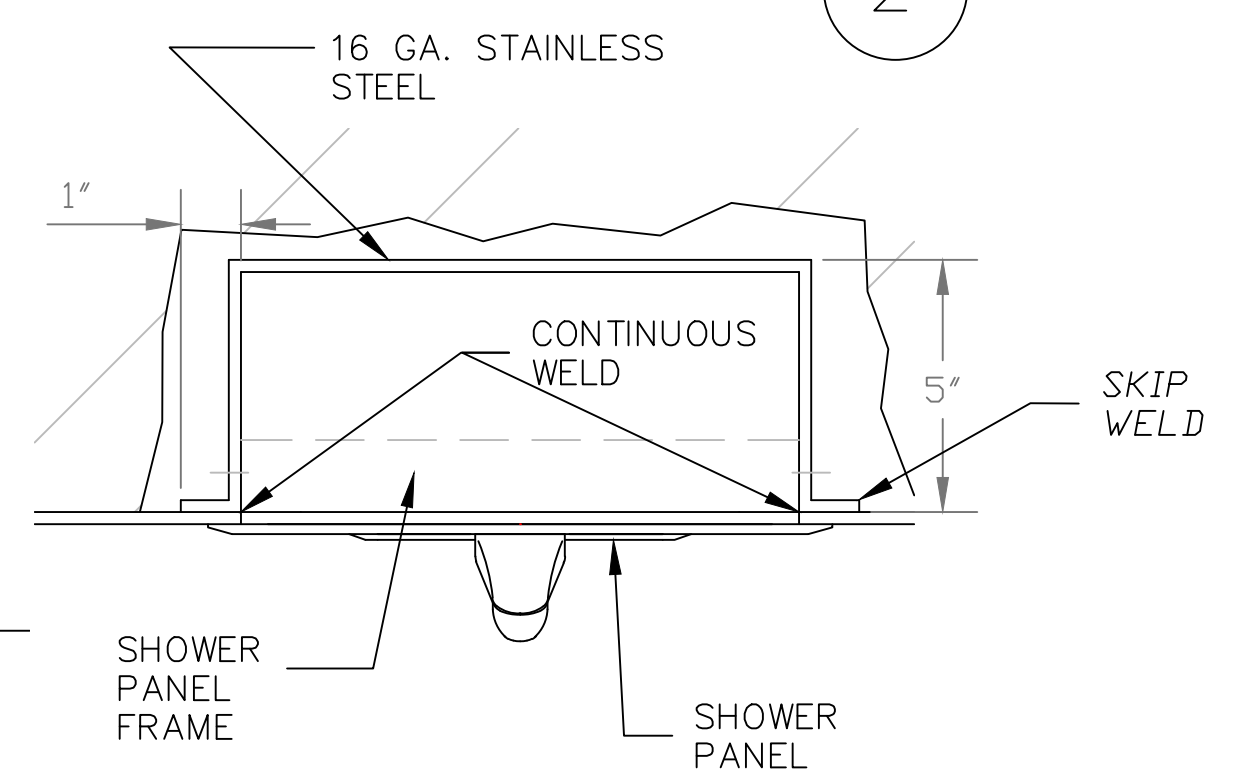
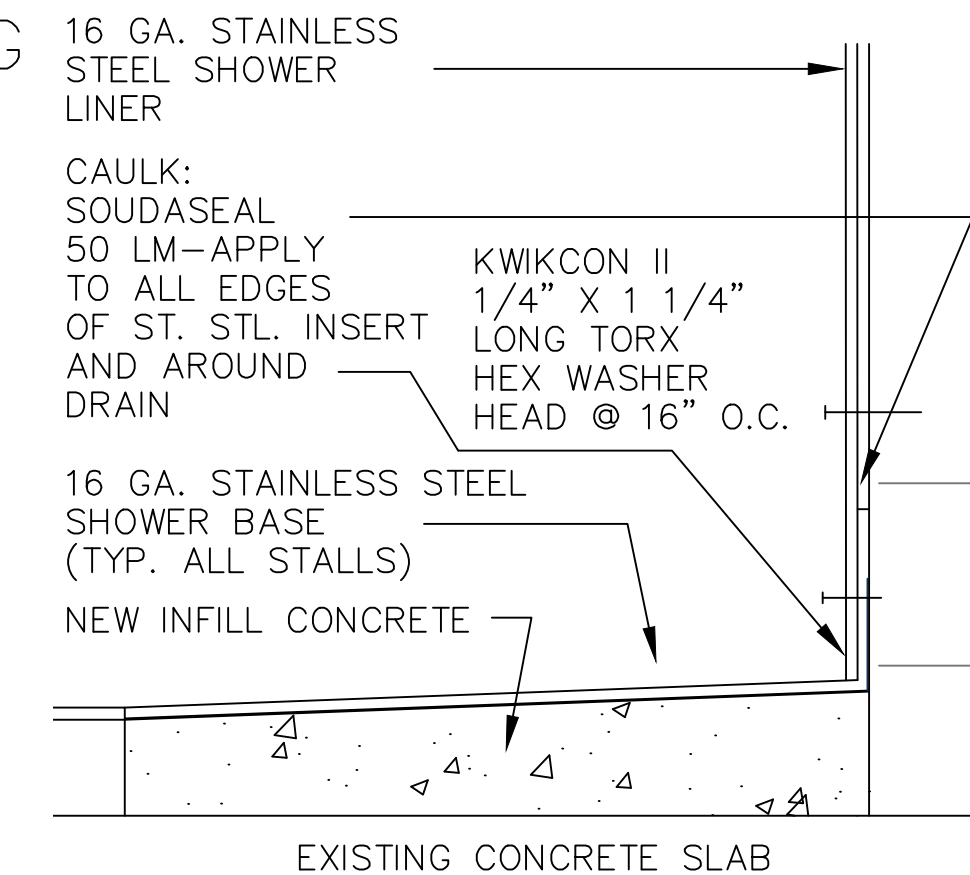
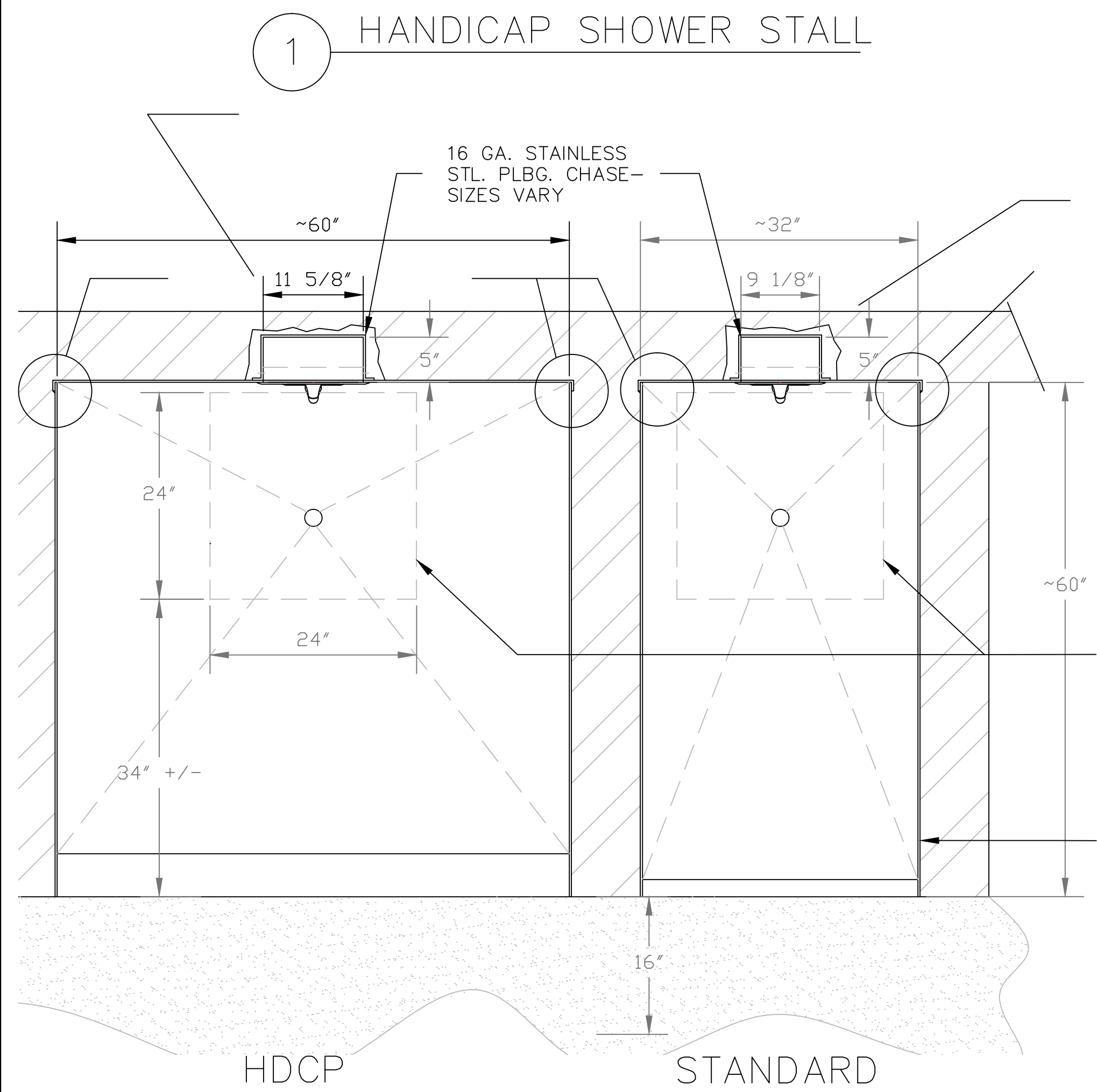
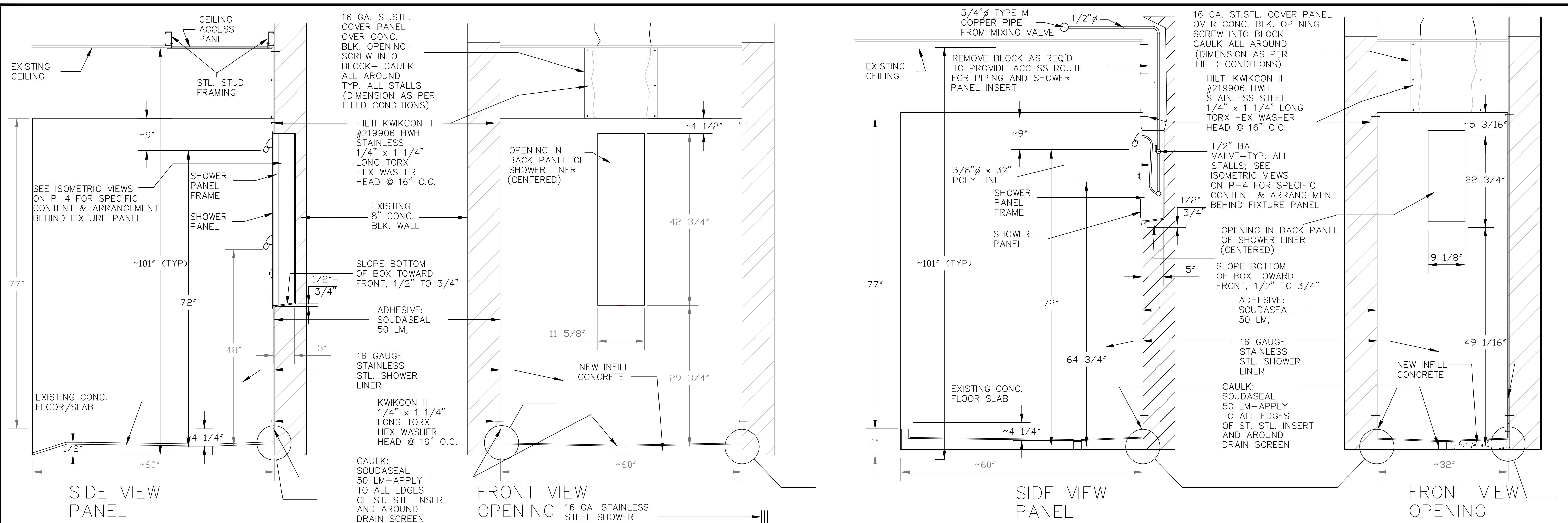
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SHOWER LINER  
FABRICATION  
DETAILS

Sheet

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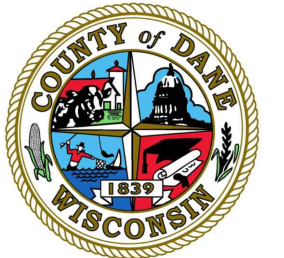
**NOTES:**

- FIELD VERIFY ALL DIMENSIONS
- REMOVE ALL WALL TILE FROM SHOWER STALLS, EXCEPT IN MECHANICAL CHASES
- CONNECT SHOWER HEADS WITH 32" LONG, 3/8" Ø POLY LINE-TYP. ALL STALLS
- ALL 16 GA STAINLESS STEEL SHALL BE 2-B FINISH
- REMOVE ALL SHOWER DOOR ASSEMBLIES
- FILL ALL PENETRATIONS BELOW SHOWERS
- IN STANDARD SHOWER STALL, DISTANCE BETWEEN BATHROOM FLOOR AND SHOWER STALL LIP SHALL BE 1"

3 SHOWER STALL PLANS

6 STAINLESS STL. LINER DETAIL

7 SHOWER PANEL DETAIL



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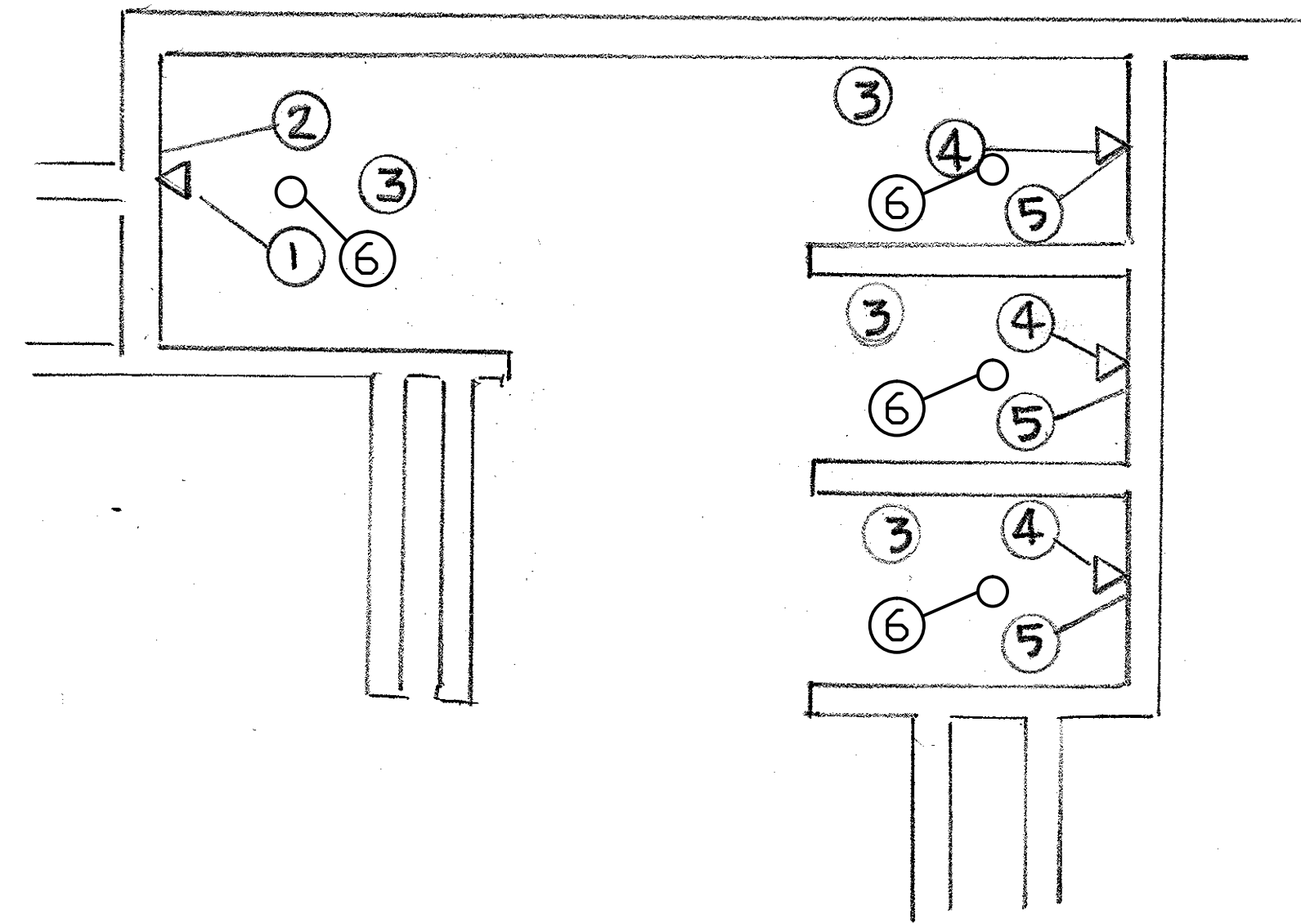
GENERAL PLBG.  
NOTES,  
DEMOLITION  
PLAN, LEGEND  
& DETAILS

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KEYED DEMOLITION NOTES:

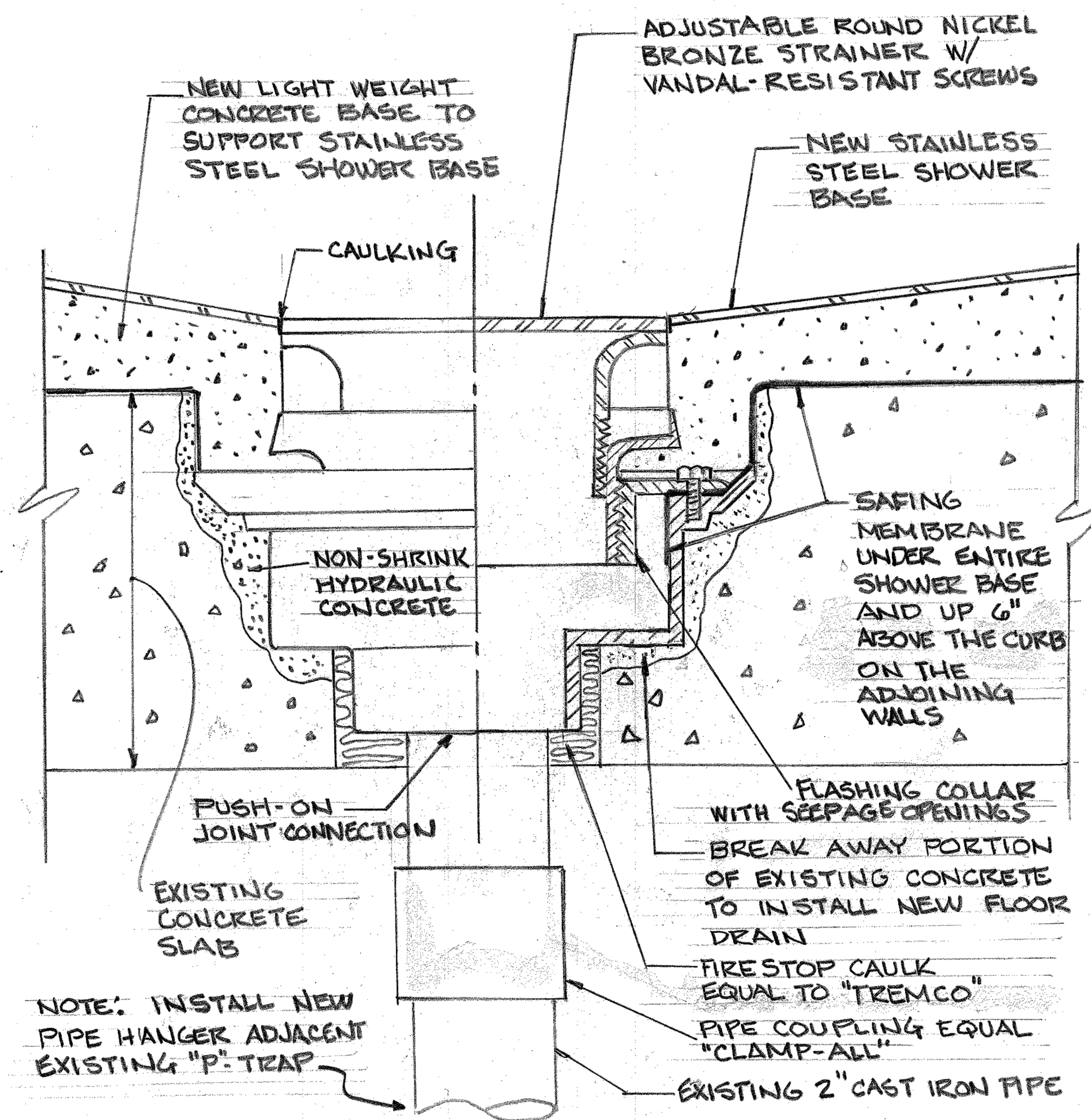
- ① REMOVE TWO (2) SHOWER HEADS. CAP & CONCEAL PIPING WITHIN WALL. ABANDON PIPING IN PLACE.
- ② REMOVE SHOWER VALVE & DIVERTER. CAP & CONCEAL PIPING WITHIN WALL. ABANDON PIPING IN PLACE.
- ③ CAP HOT & COLD WATER ABOVE CEILING. REMOVE ALL DEAD END WATER PIPING TO MOST ACTIVE BRANCH/MAIN PIPING.
- ④ REMOVE ONE (1) SHOWER HEAD. CAP & CONCEAL PIPING WITHIN WALL. ABANDON PIPING IN PLACE.
- ⑤ REMOVE SHOWER VALVE & CAP, CONCEAL PIPING WITHIN WALL. ABANDON PIPING IN PLACE.
- ⑥ REMOVE 2" SHOWER DRAIN COMPLETE WITH BODY & STRAINER.



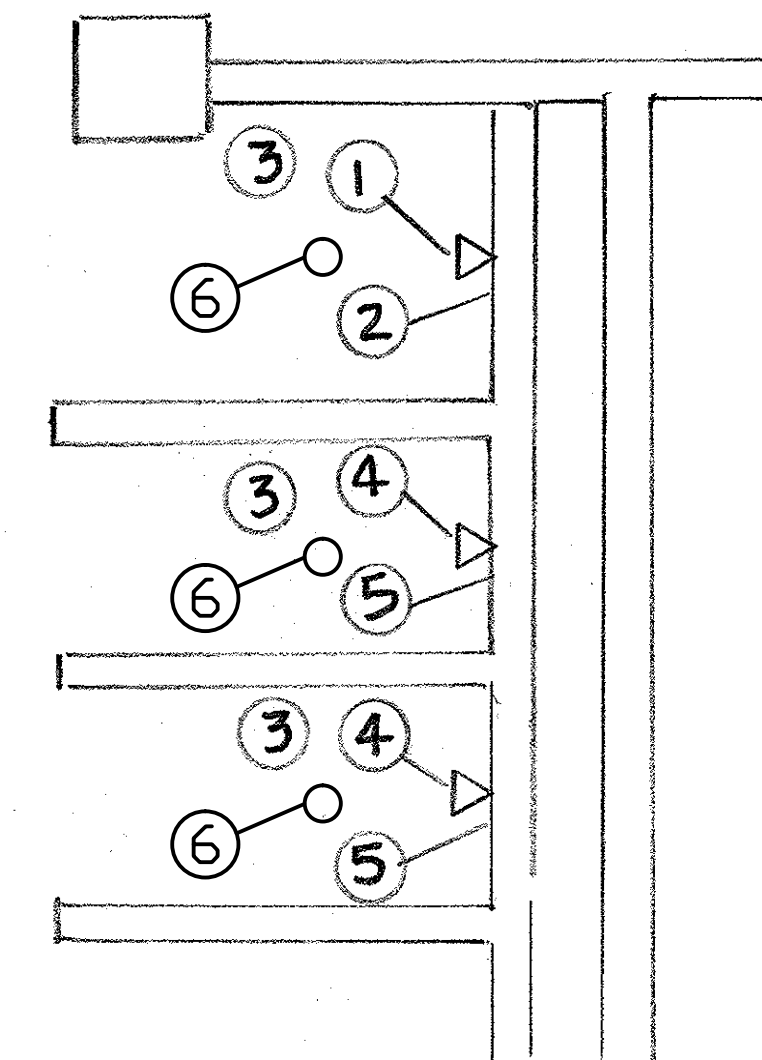
① TYP. FOUR STALL-DEMOLITION  
SCALE: NONE

GENERAL PLUMBING NOTES:

- 1. VERIFY THE LOCATION AND SIZE OF EXISTING PIPING, DUCTWORK, ELECTRICAL SYSTEMS WHICH ARE RELEVANT TO THE INSTALLATION OF NEW EQUIPMENT AND PIPING SYSTEMS.
- 2. VISIT THE BUILDING AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK.
- 3. IT IS THE INTENT OF THESE DRAWINGS THAT A COMPLETE WORKING SYSTEM, PROPERLY TESTED, WILL BE OPERATIONAL UPON COMPLETION OF INSTALLATION.
- 4. THE DRAWINGS ARE SCHEMATIC IN NATURE. ALL REQUIRED OFFSETS, FITTINGS, AND SUPPORTS SHALL BE INCLUDED IN THE BID TO ACCOMMODATE ACTUAL FIELD CONDITIONS. FINAL LOCATIONS OF ALL WORK SHALL BE COORDINATED IN THE FIELD AND INSTALLED WHERE DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.



③ SHOWER DRAIN FD-1  
SCALE: NONE



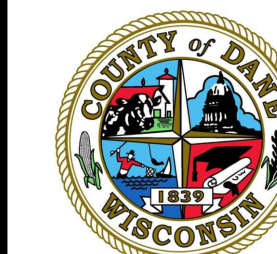
② TYP. THREE STALL-DEMOLITION  
SCALE: NONE

PLUMBING SYMBOLS AND ABBREVIATIONS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—CW—	COLD WATER (CW)	CLG	CEILING
—HW—	HOT WATER (HW)	EC	ELECTRICAL CONTRACTOR
—HWR—	HOT WATER RETURN (HWR)	ETR	EXISTING TO REMAIN
—T—	TEMPERED WATER	FD	FLOOR DRAIN
⊖	RISER UP	PC	PLUMBING CONTRACTOR
⊕	RISER DOWN	SH	SHOWER
	UNION		
⊗	POINT OF CONNECTION		
⊥	WATER HAMMER ARRESTOR		
⊥	REDUCER		
⊙	BALL VALVE		

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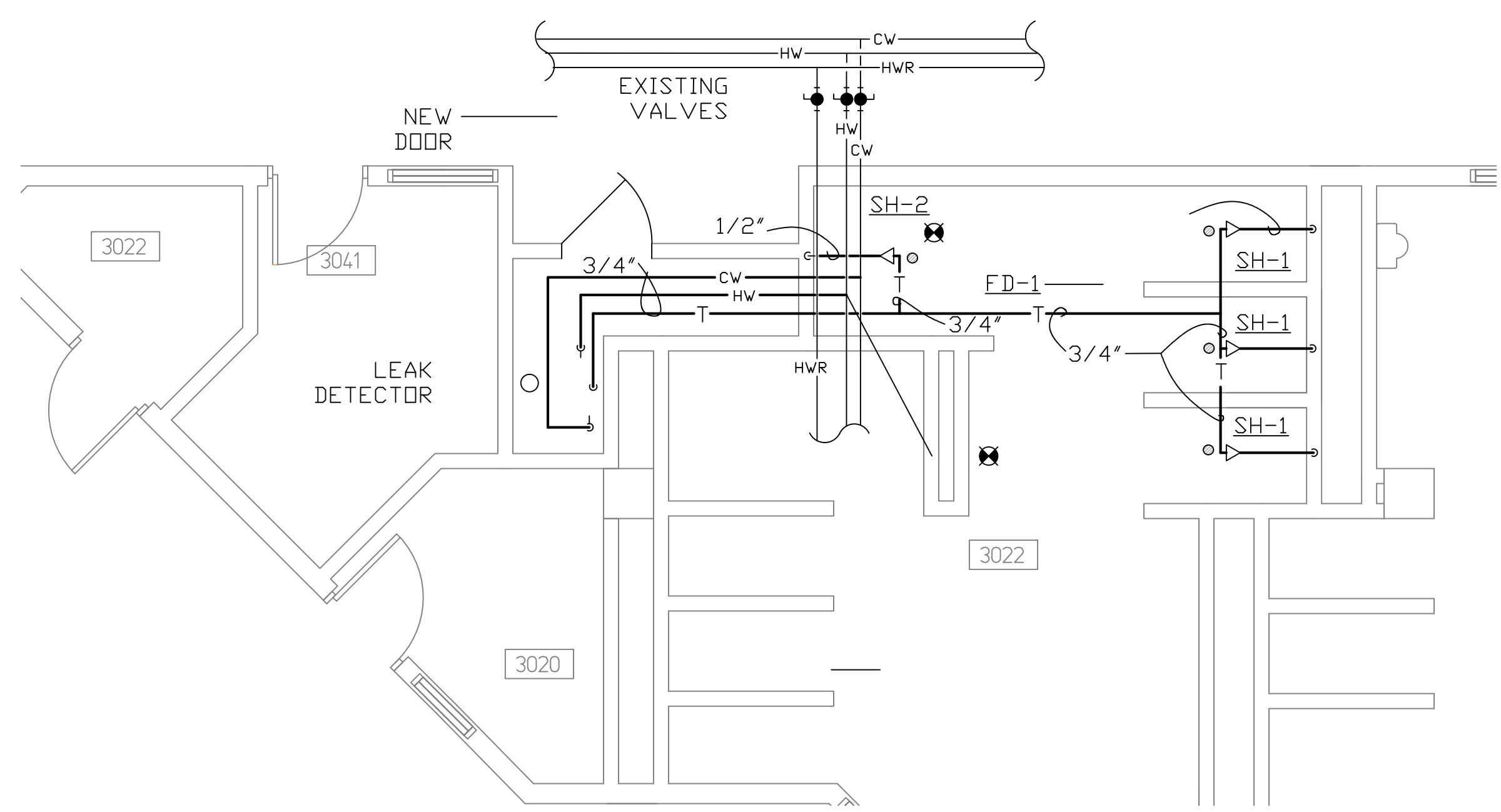
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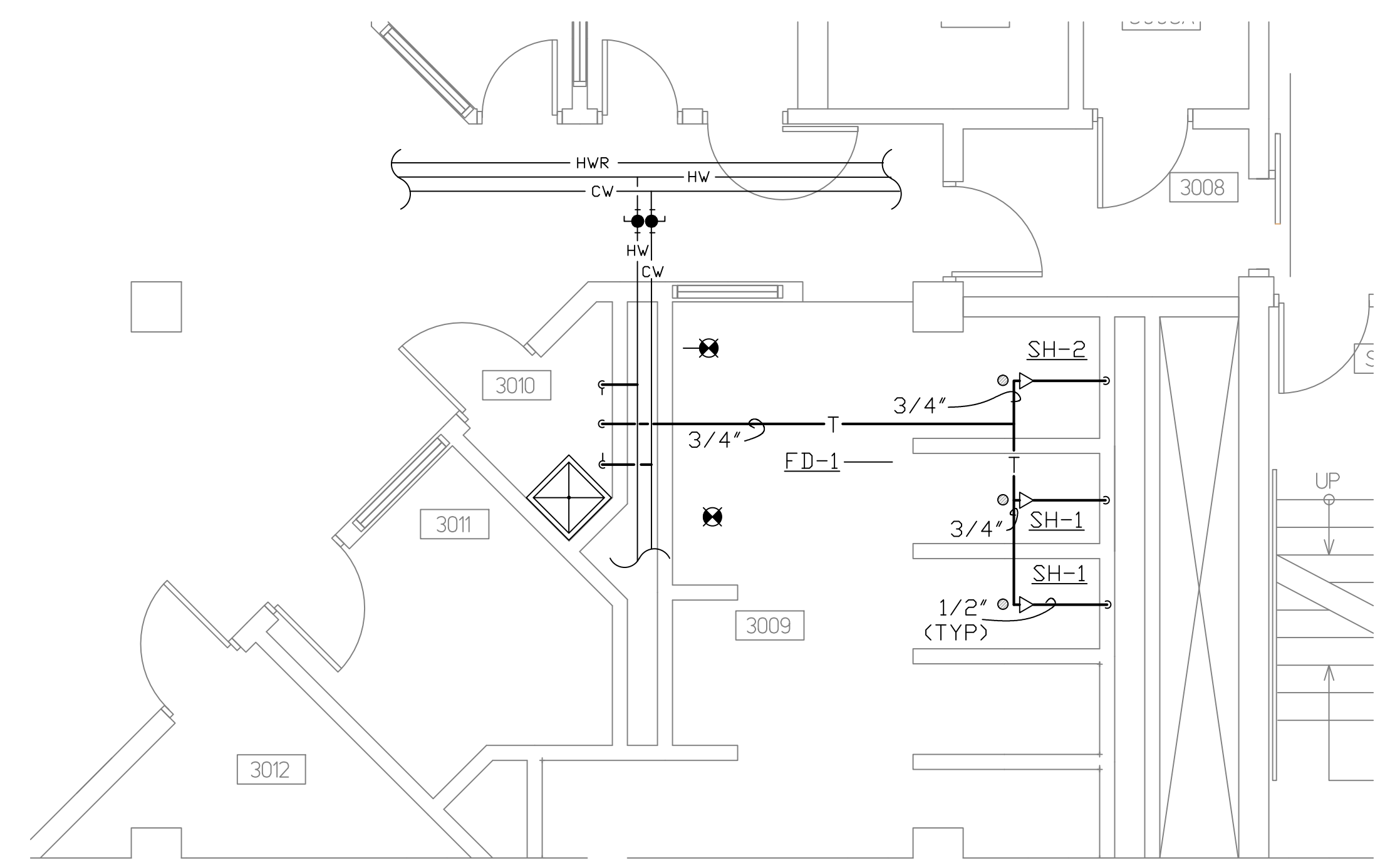
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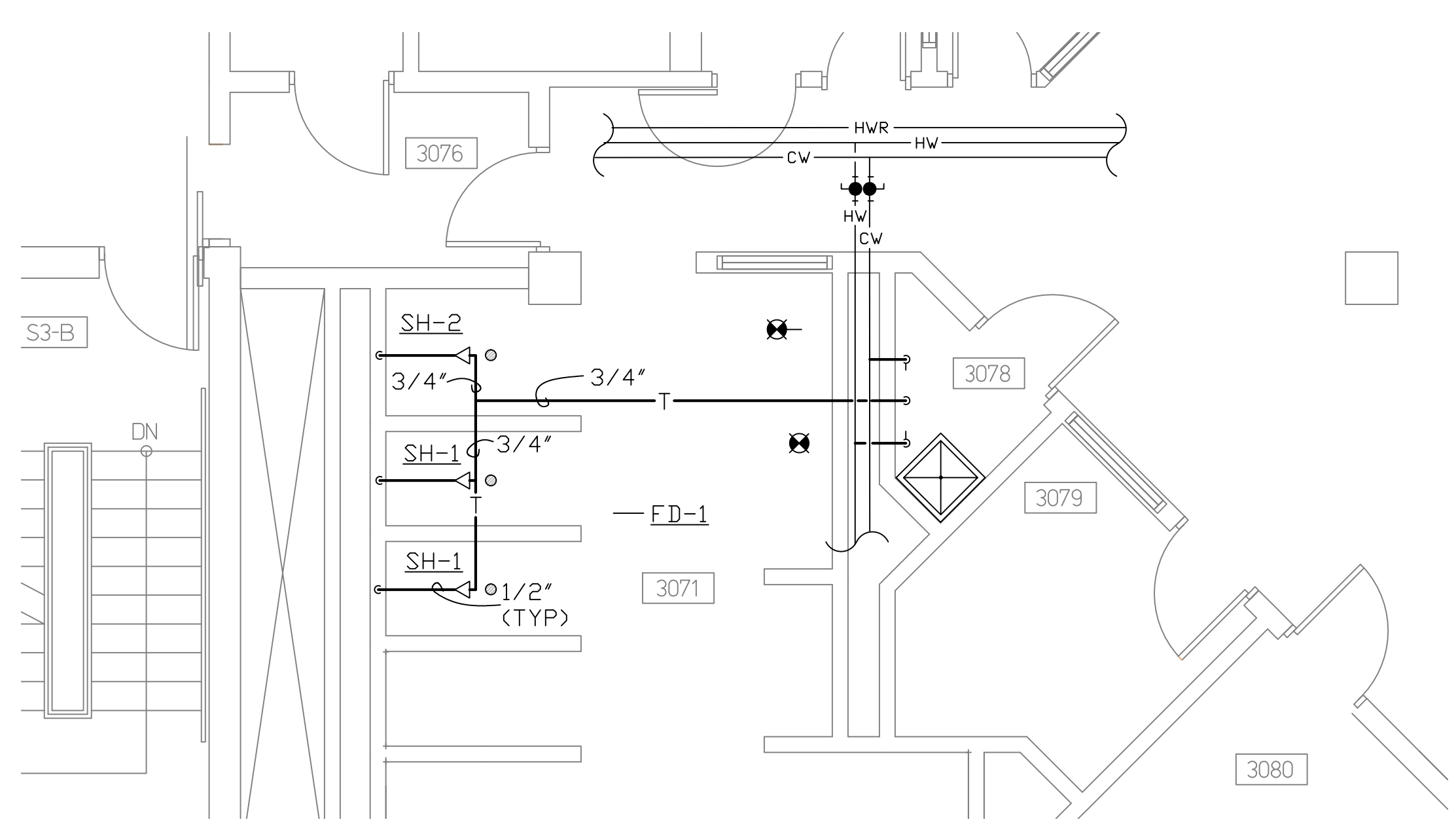
BASE BID  
PLANS



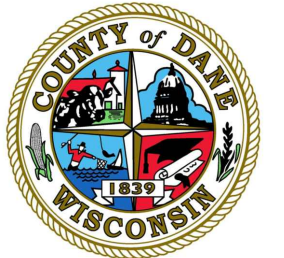
1 BASE BID-3I  
SCALE: 1/4" = 1'-0"



2 BASE BID-3G  
SCALE: 1/4" = 1'-0"



3 BASE BID-3E  
SCALE: 1/4" = 1'-0"



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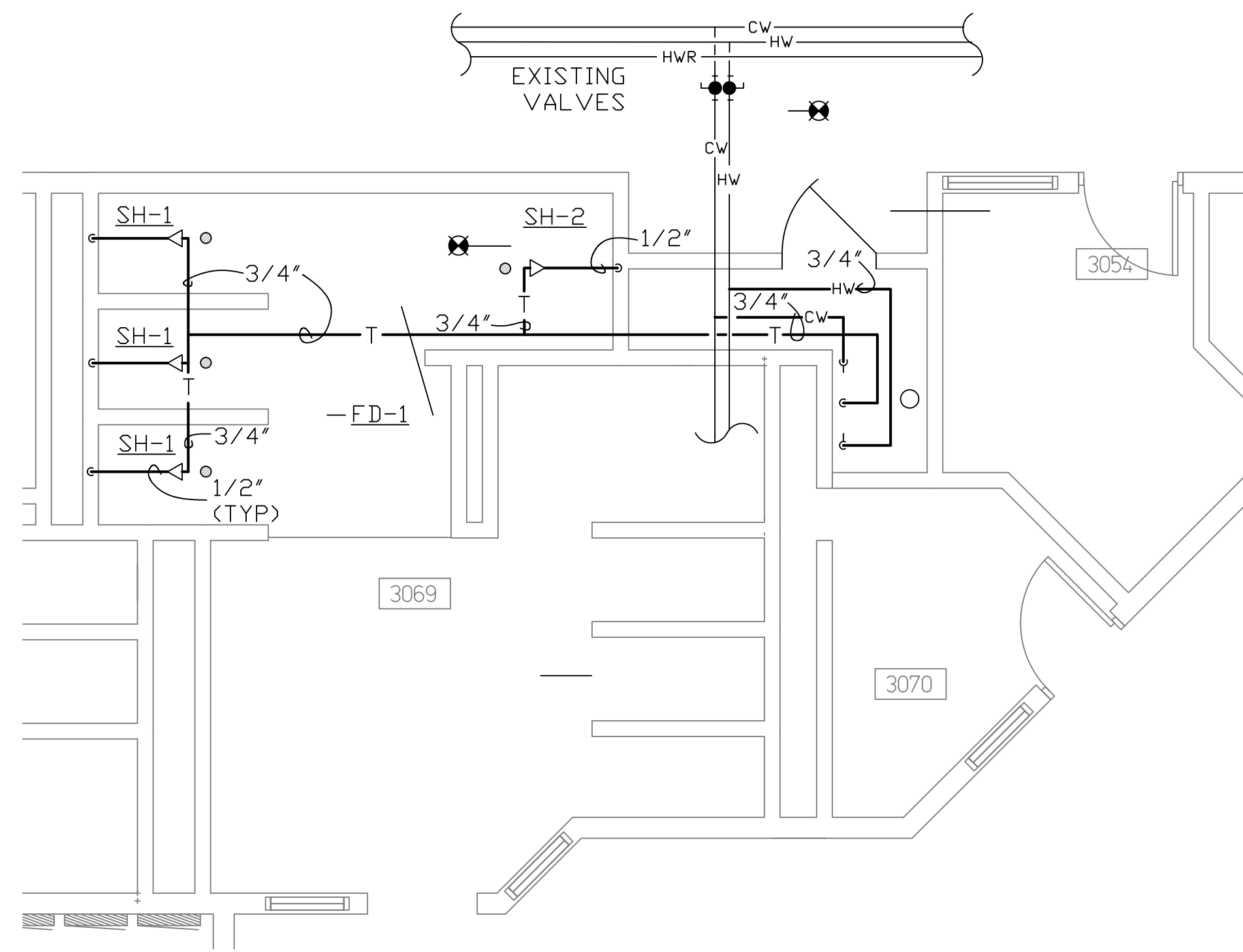
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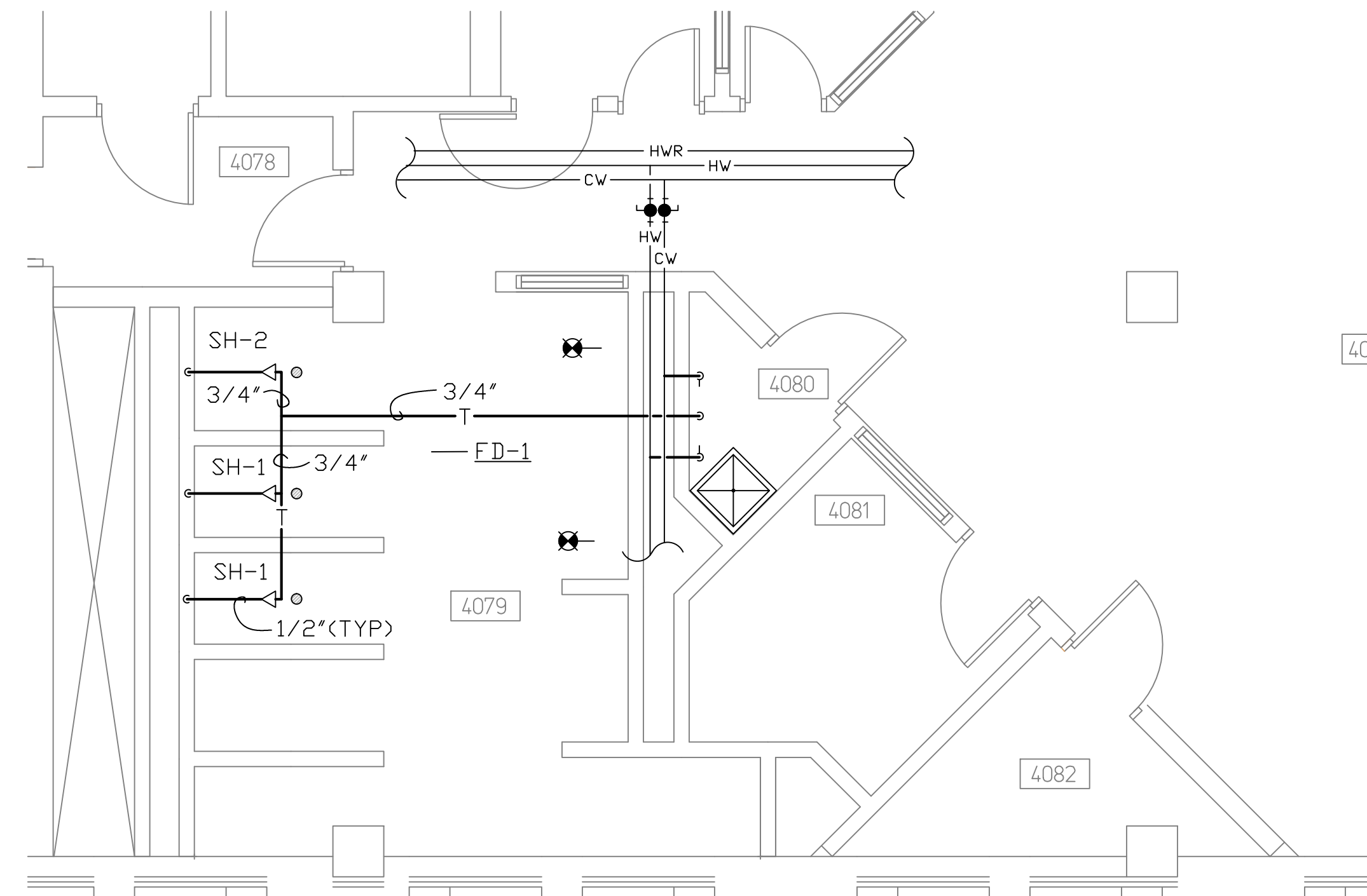
ALTERNATE  
BIDS PLANS

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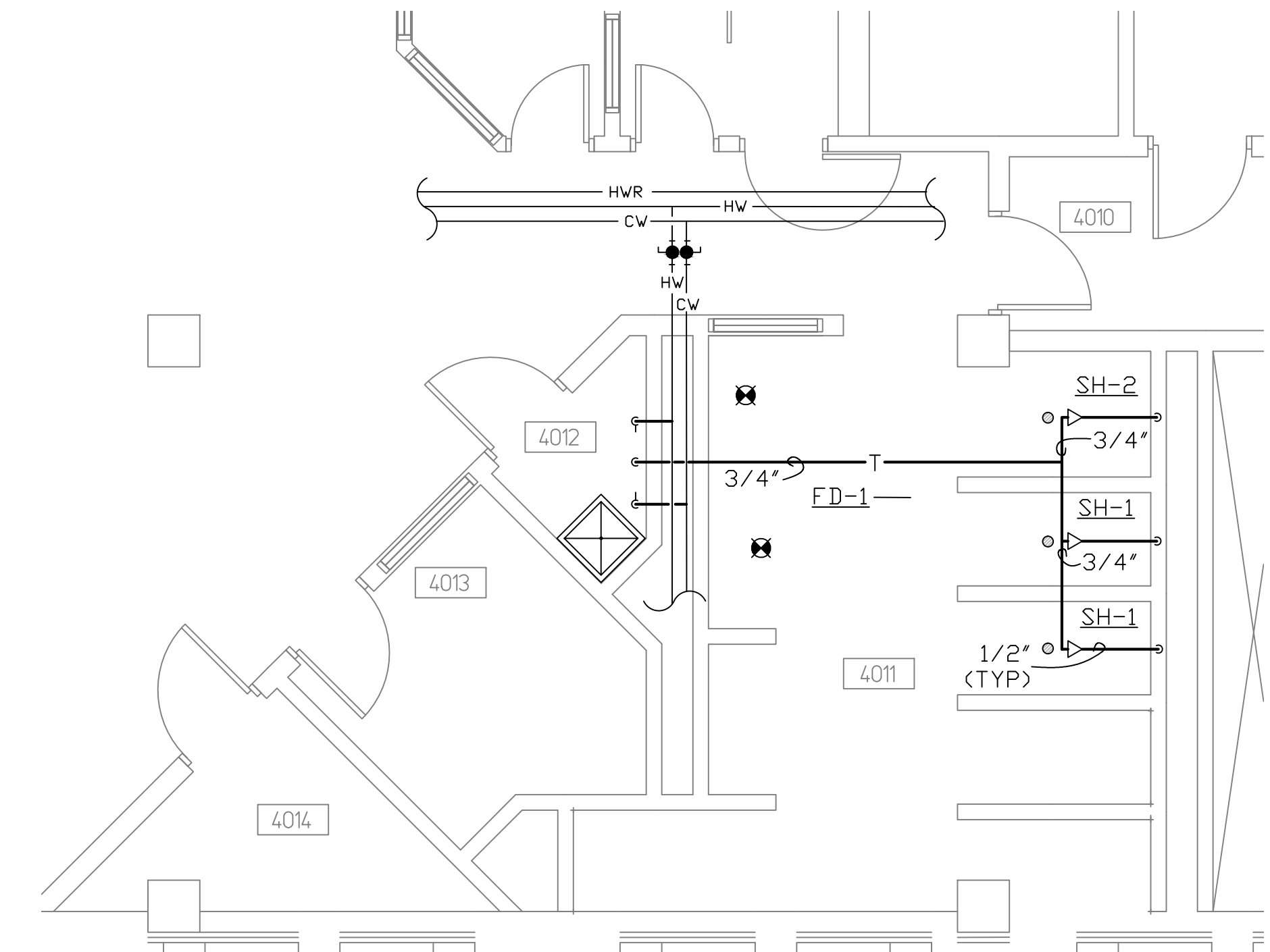
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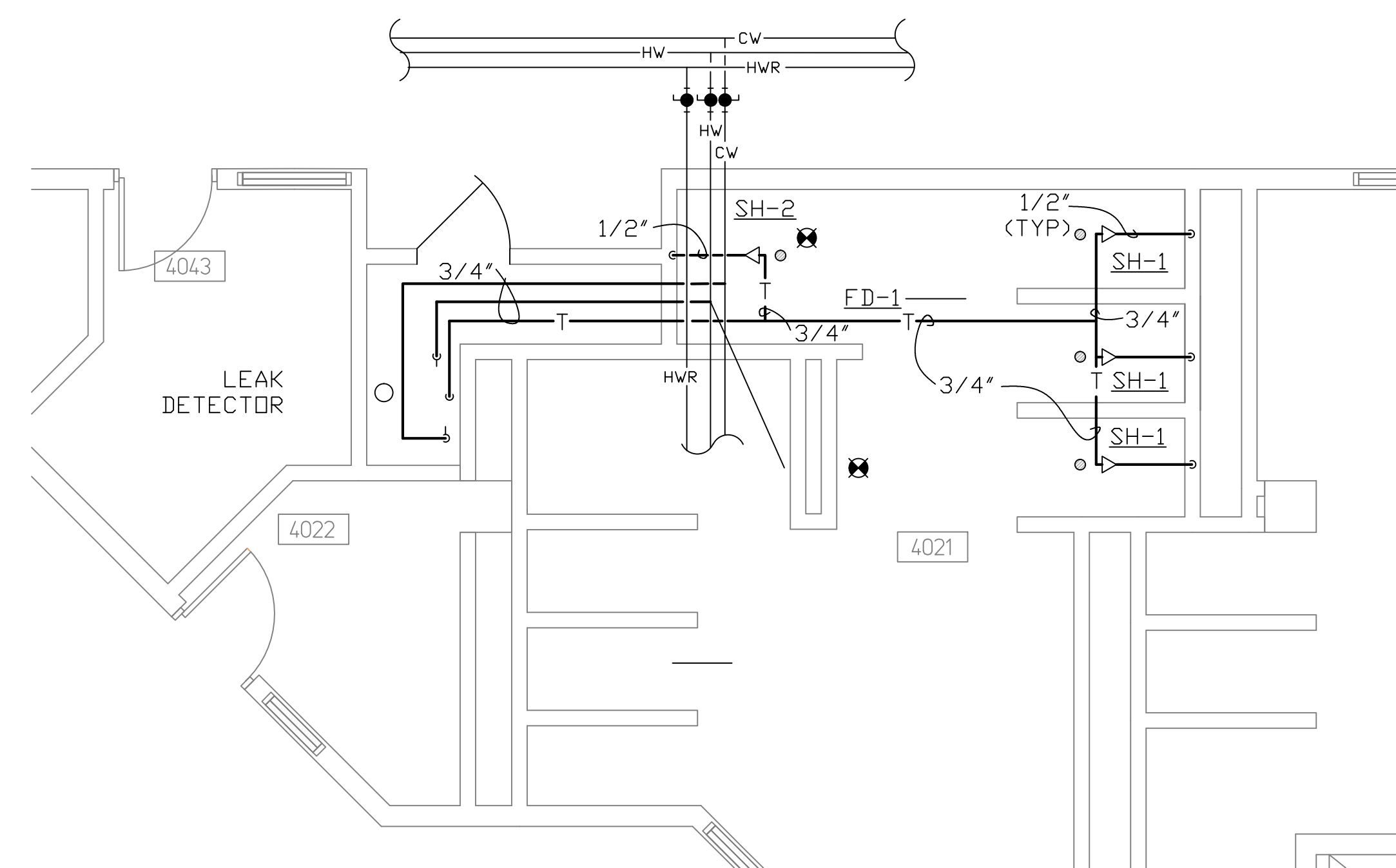
1 ALTERNATE BID 1  
SPLIT POD 3C  
SCALE: 1/4" = 1'-0"



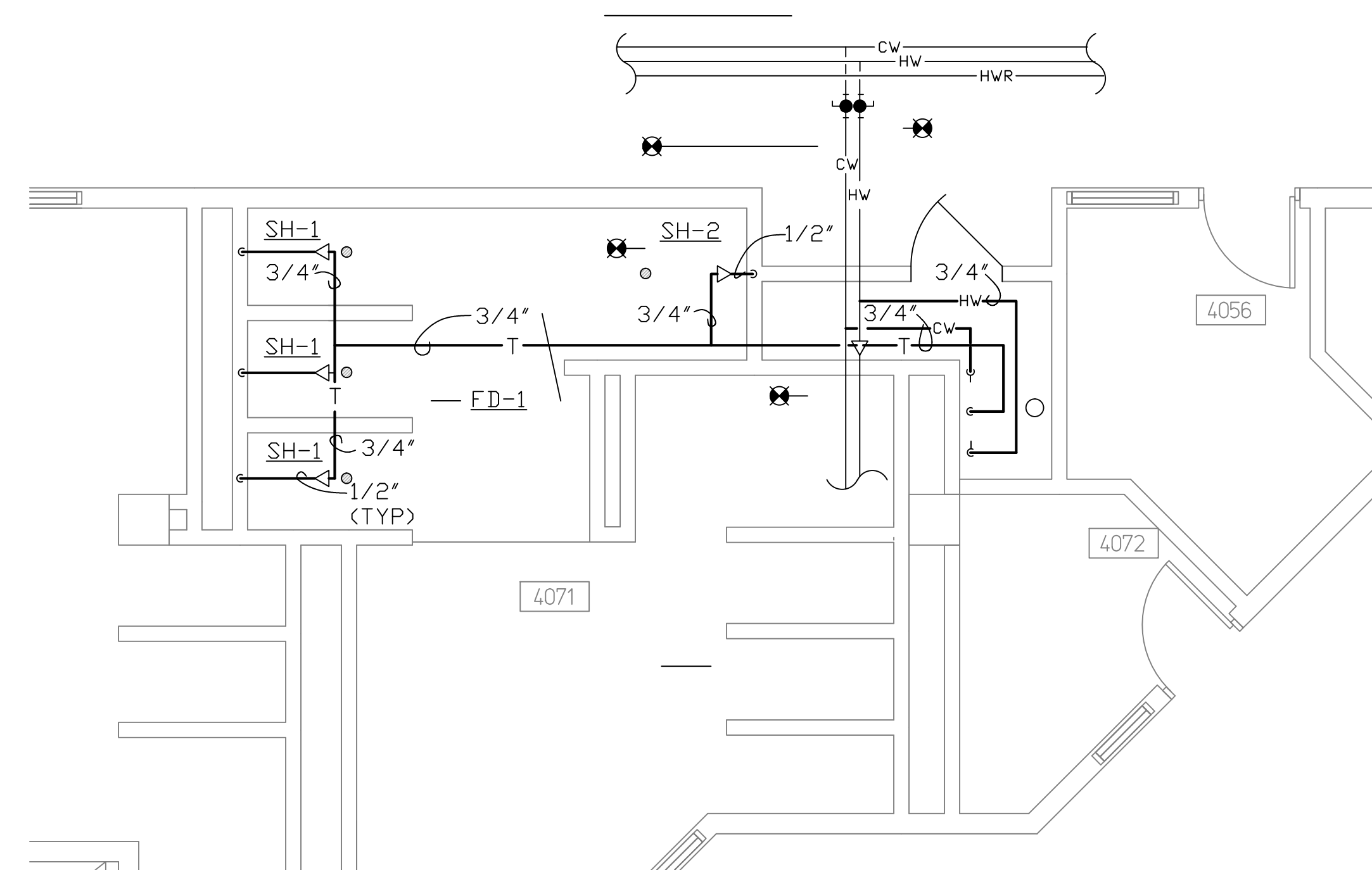
2 ALTERNATE BID 2  
SPLIT POD 4E  
SCALE: 1/4" = 1'-0"



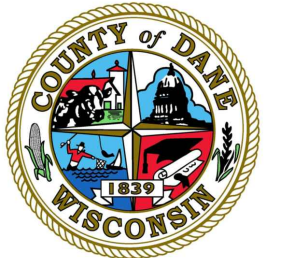
3 ALTERNATE BID 2  
SPLIT POD 4G  
SCALE: 1/4" = 1'-0"



4 ALTERNATE BID 3  
SPLIT POD 4I  
SCALE: 1/4" = 1'-0"



5 ALTERNATE BID 4  
SPLIT POD 4C  
SCALE: 1/4" = 1'-0"



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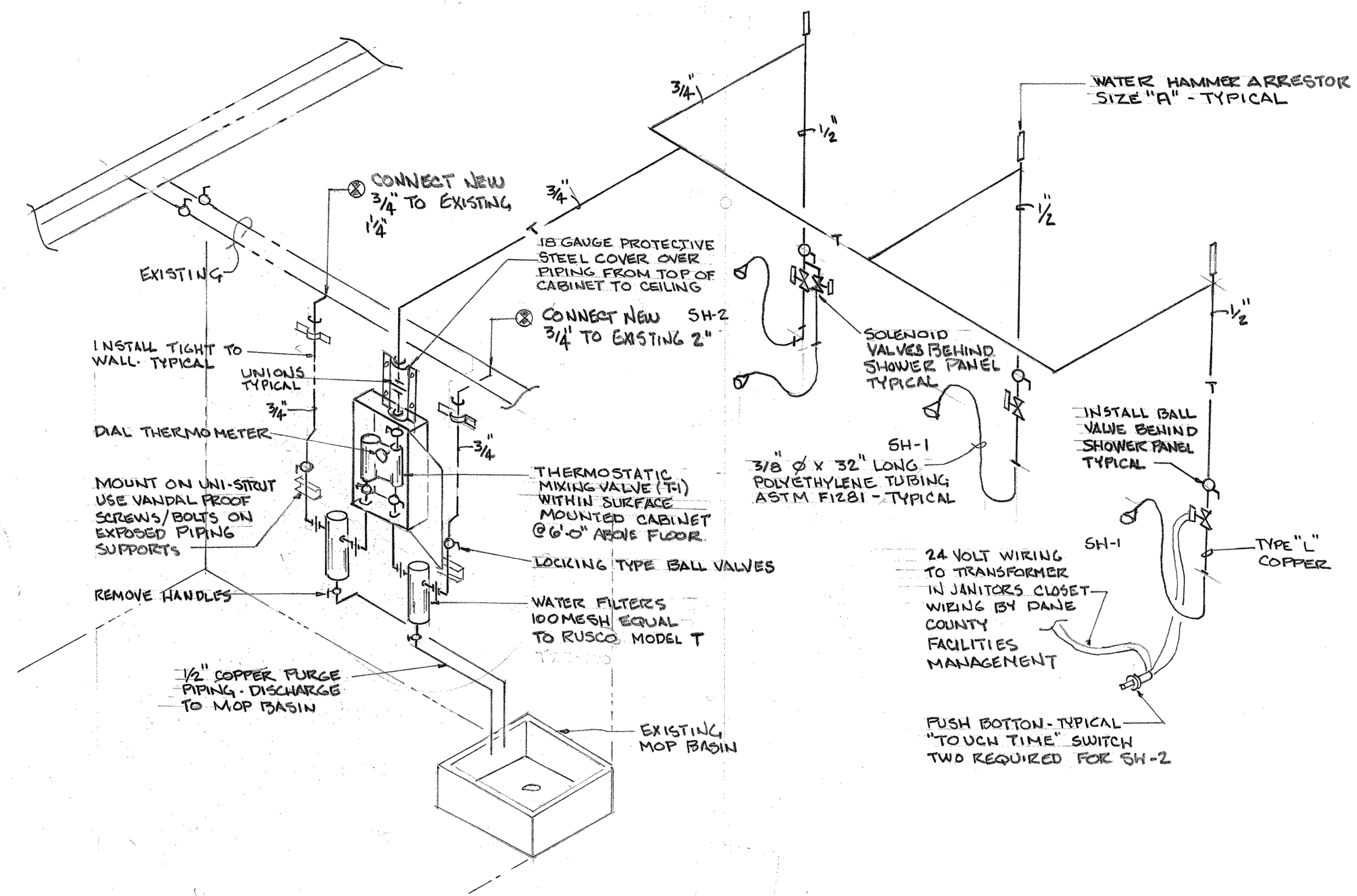
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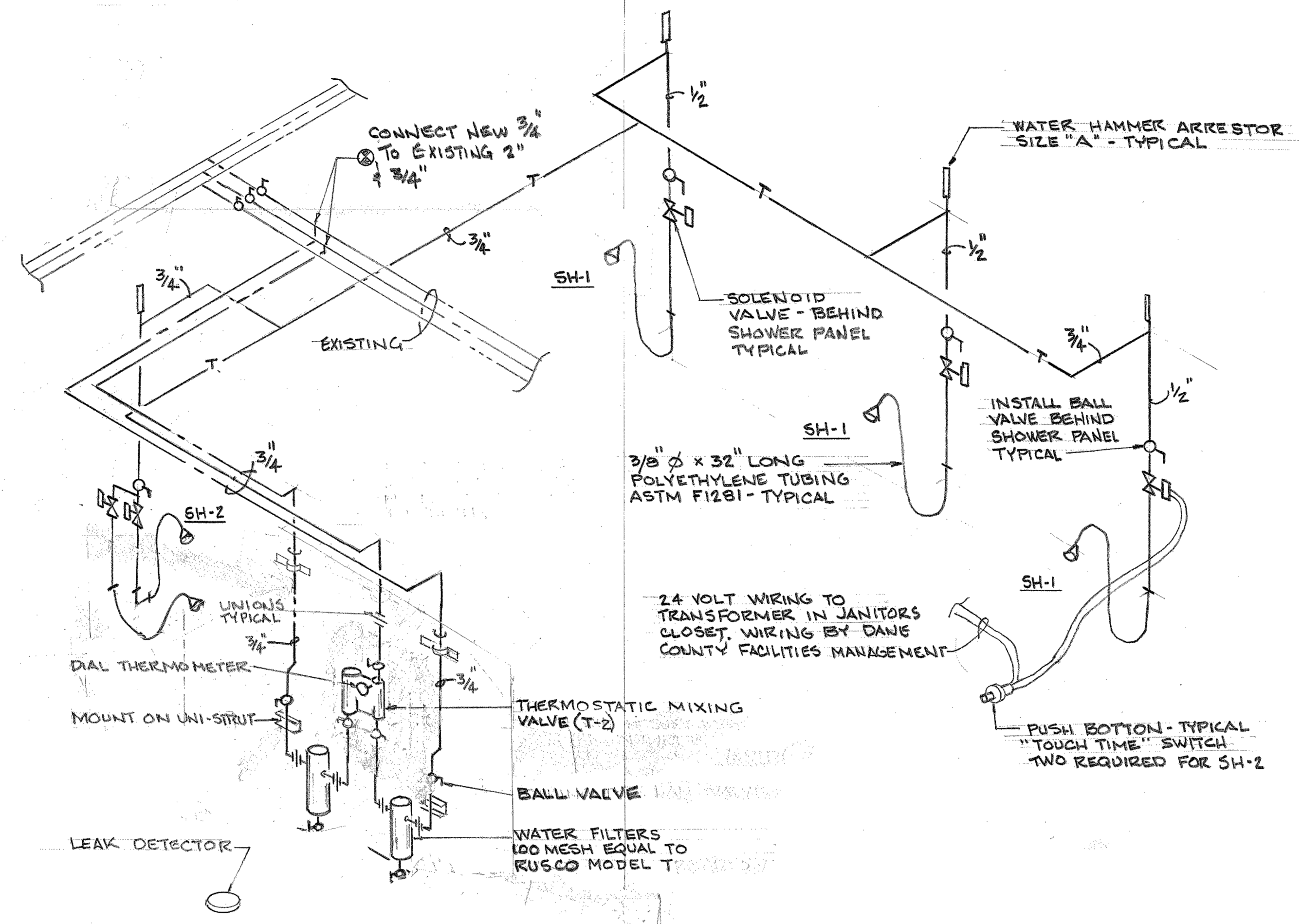
PLUMBING  
ISOMETRICS

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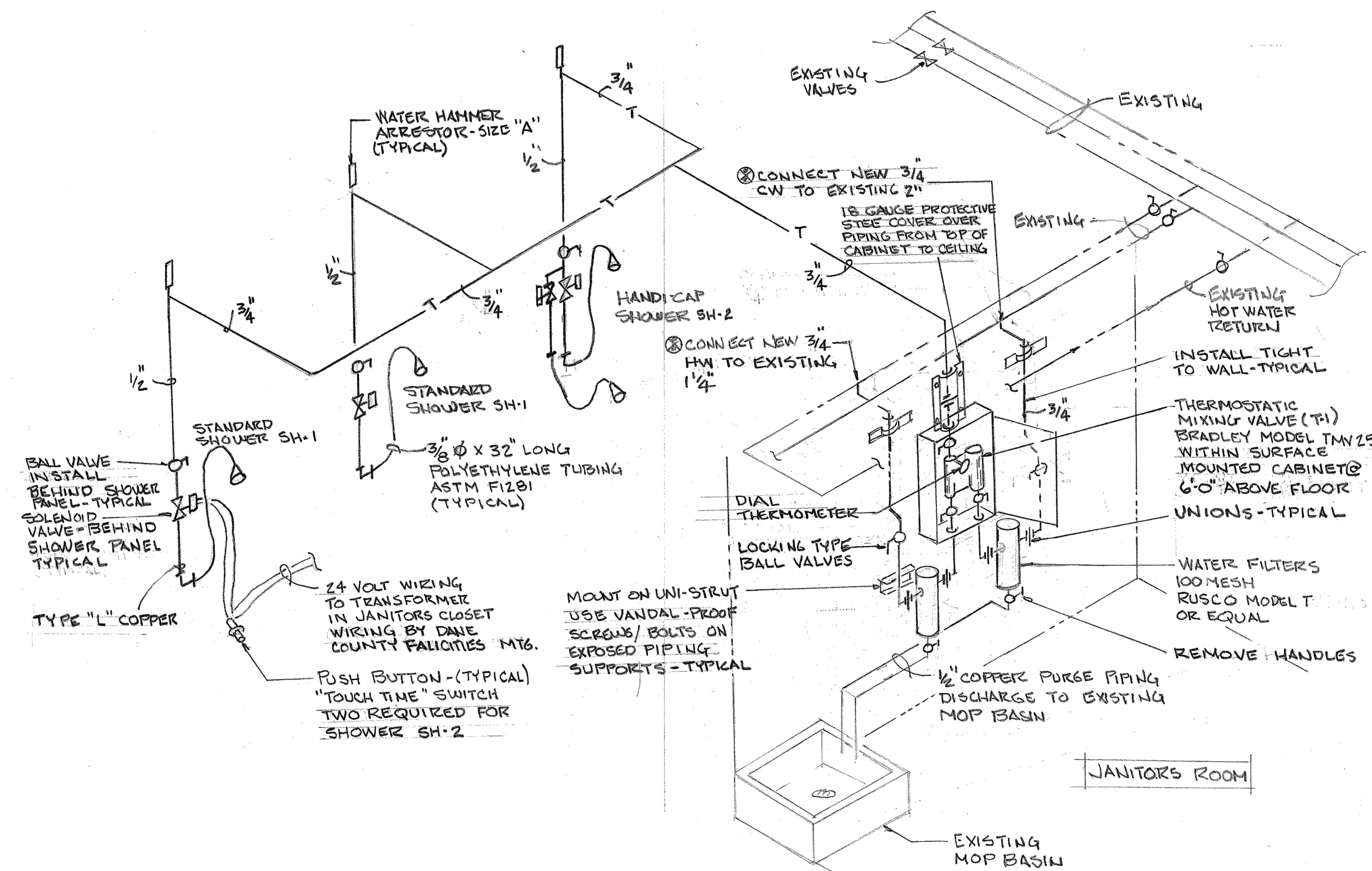
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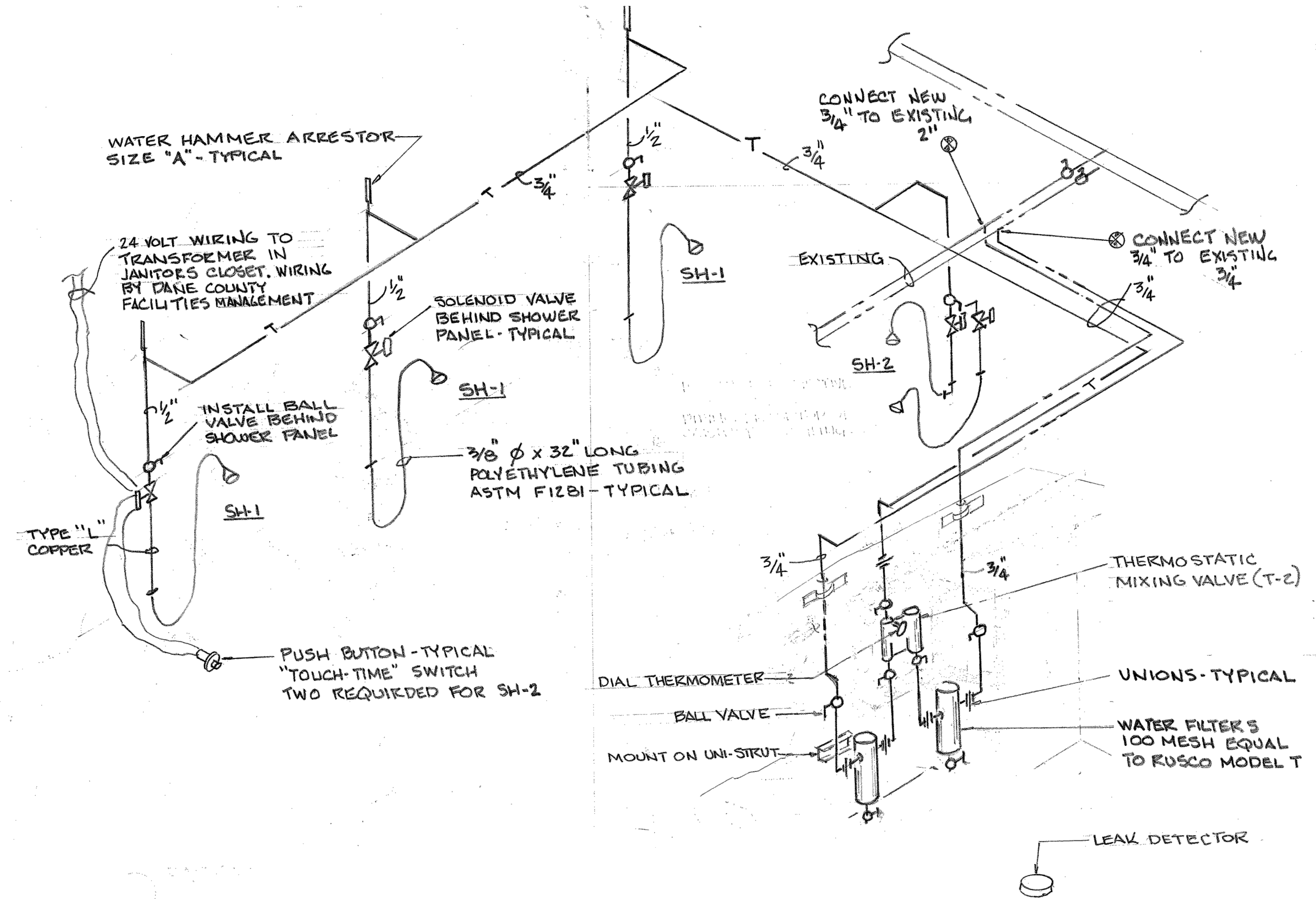
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SCALE: NONE



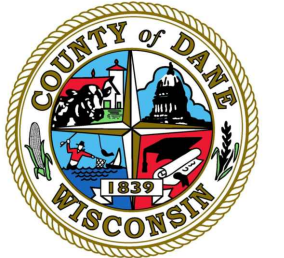
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SCALE: NONE



3 BASE BID 3E & ALT. BID 2-4E  
SCALE: NONE



4 ALT. BID 1-3C & ALT. BID 4-4C  
SCALE: NONE



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3RD FLOOR  
DUCT CLEANING  
PLAN

Sheet  
M-1






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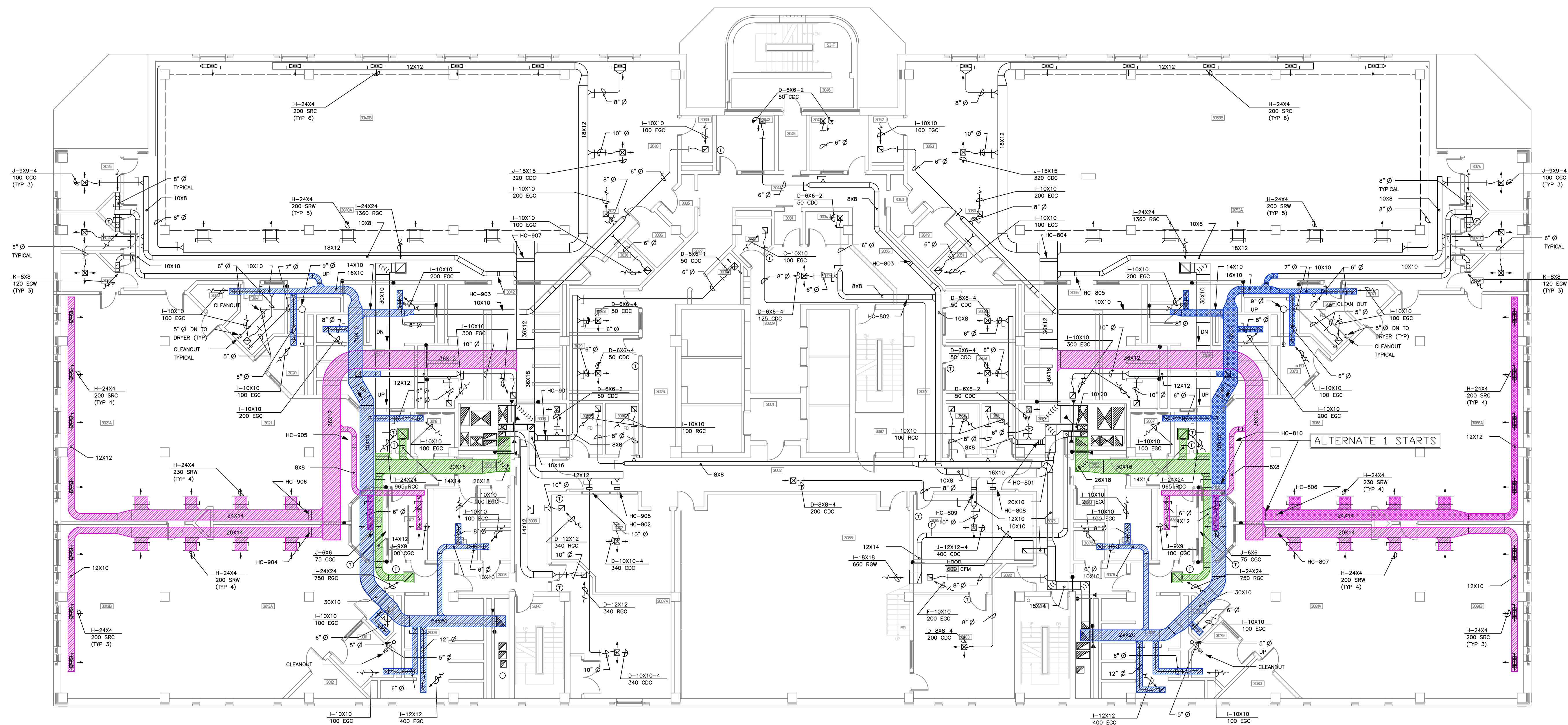
### GENERAL NOTES:

- COORDINATE DUCT CLEANING WORK WITH OWNER TO FACILITATE OWNER CLEANING COILS & OPERATING FANS AS NEEDED.

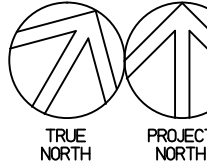
### LEGEND

NOTE: EACH M-SERIES SHEET LEGEND IS DIFFERENT- REFER TO SHEET A-1 TO CLARIFY WHICH ALTERNATE IS ASSOCIATED WITH EACH SPLIT POD

-  SUPPLY AIR-BASE BID
-  SUPPLY AIR-ALTERNATE BID #1
-  RETURN AIR-BASE BID
-  EXHAUST AIR-BASE BID
-  EXHAUST AIR-ALTERNATE BID #1



HVAC - DUCTWORK  
THIRD FLOOR PLAN  
SCALE: 1"=10'-0"







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4TH FLOOR  
DUCT CLEANING  
PLAN

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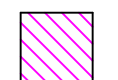
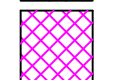
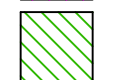
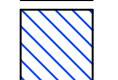
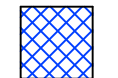
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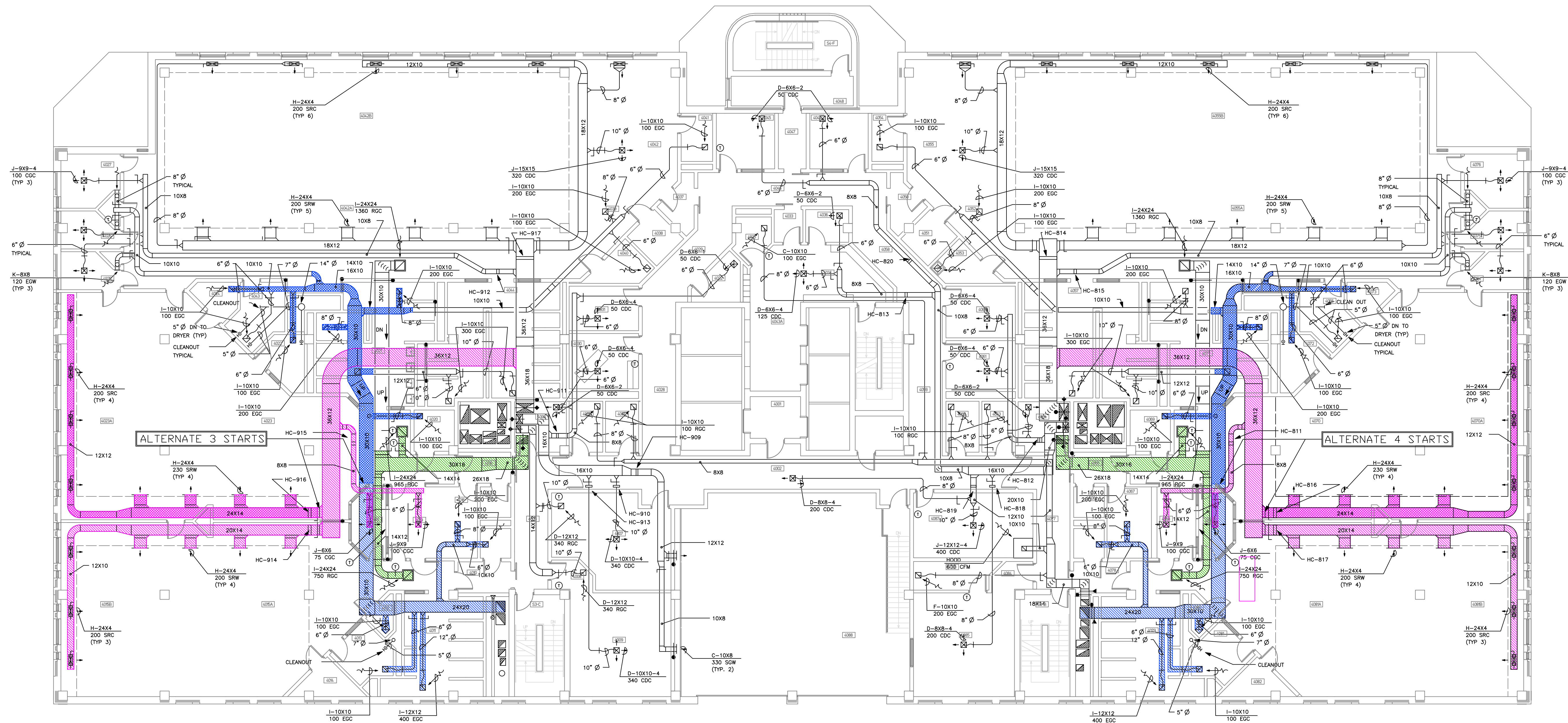
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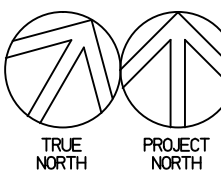
### LEGEND

NOTE: EACH M-SERIES SHEET LEGEND IS DIFFERENT- REFER TO SHEET A-1 TO CLARIFY WHICH ALTERNATE IS ASSOCIATED WITH EACH SPLIT POD

-  SUPPLY AIR-ALTERNATE BID #2
-  SUPPLY AIR-ALTERNATE BID #3 OR #4
-  RETURN AIR-ALTERNATE BID #2
-  EXHAUST AIR-ALTERNATE BID #2
-  EXHAUST AIR-ALTERNATE BID #3 OR #4



HVAC - DUCTWORK  
FOURTH FLOOR PLAN  
SCALE: 1"=10'-0"



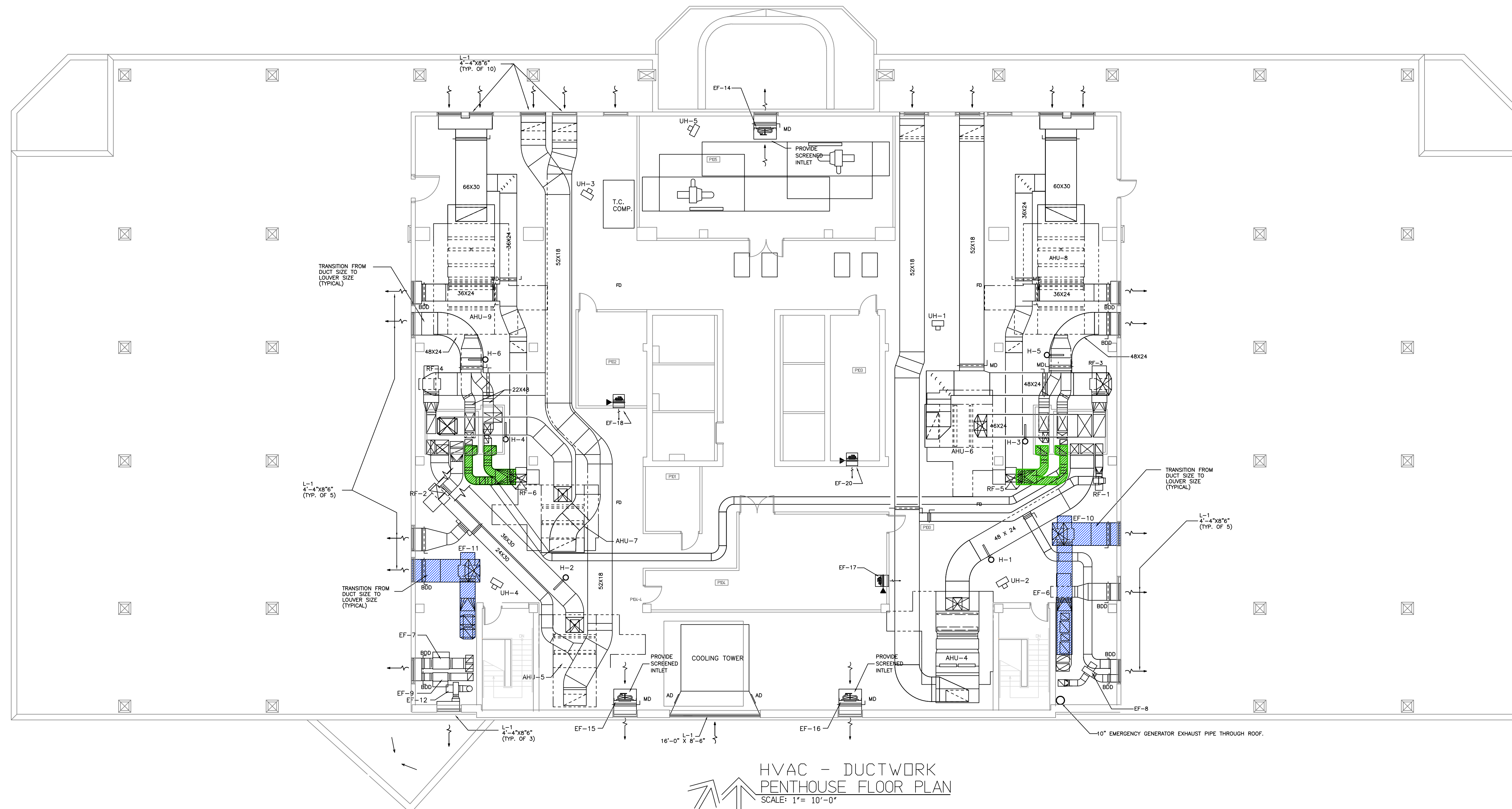
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LEGEND

NOTE: EACH M-SERIES SHEET LEGEND IS DIFFERENT- REFER TO SHEET A-1 TO CLARIFY WHICH ALTERNATE IS ASSOCIATED WITH EACH SPLIT POD

- RETURN AIR-BASE BID
- EXHAUST AIR-BASE BID



HVAC - DUCTWORK  
PENTHOUSE FLOOR PLAN  
SCALE: 1" = 10'-0"



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PENTHOUSE  
DUCT CLEANING  
PLAN

Sheet  
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