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DATE	11.30.2011
PROJECT NO.	2011.0321
CAD REFERENCE NO.	AUTOCAD 2011
PLOT REFERENCE NO.	NONE
DRAWING SCALE	SEE DRAWING

REVISIONS		
NO.	DATE	DESCRIPTION
1	12-20-11	CSI REVIEW
2	01-12-12	ISSUE FOR PERMIT



PROJECT TITLE

THE GODDARD SCHOOL
FOR EARLY CHILDHOOD DEVELOPMENT
ILLINOIS 8400
SWC OF 83RD STREET AND LEMONT ROAD
DARIEN, ILLINOIS

SHEET TITLE

PLUMBING PLAN

SHEET NUMBER

P1.1

PLUMBING GENERAL NOTES

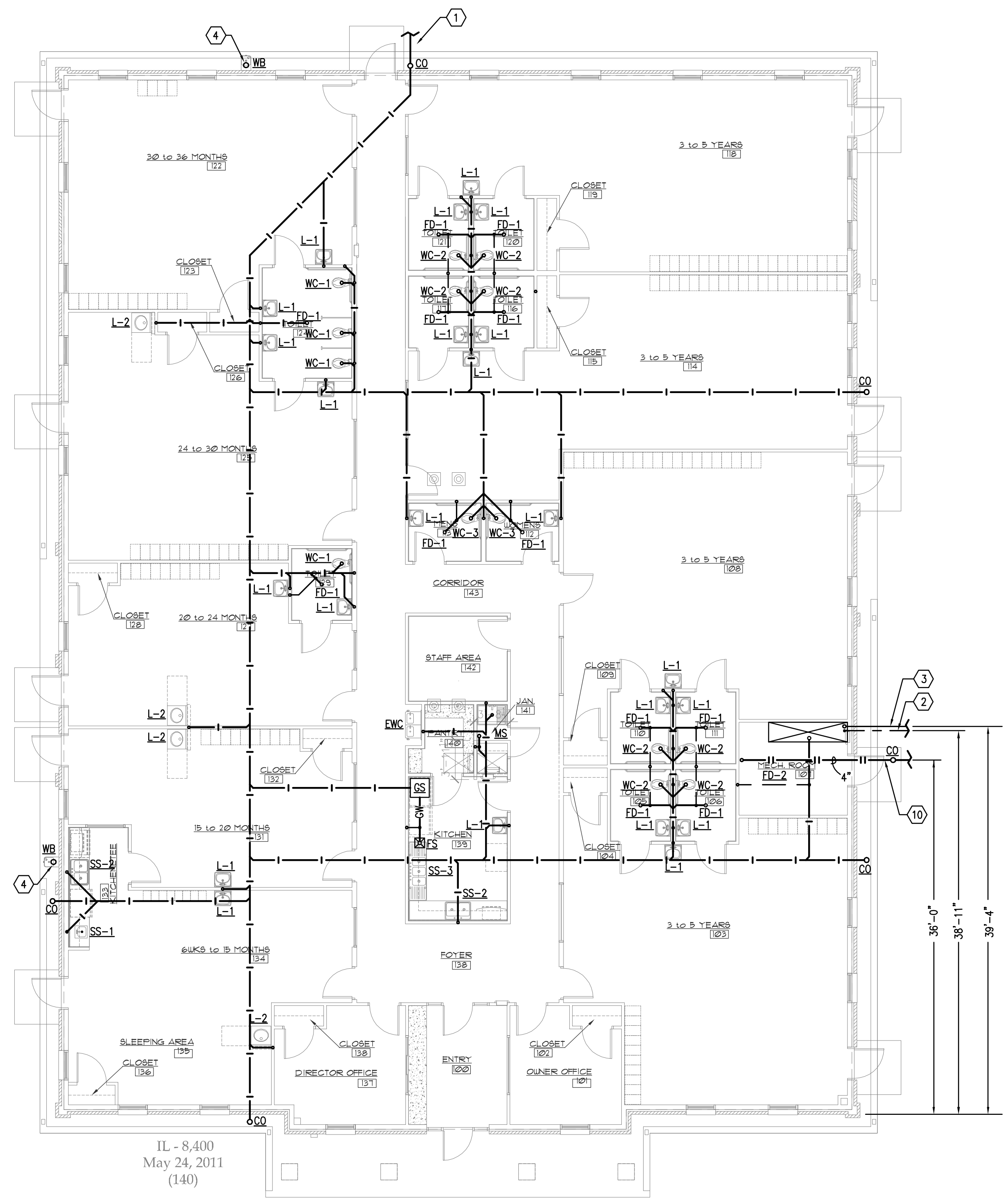
- A. ALL WORK SHALL COMPLY WITH ALL NATIONAL, STATE, LOCAL CODES AND ORDINANCES PERTAINING TO THE WORK IN THIS PROJECT.
- B. ALL PLUMBING FIXTURES SHALL BE SUPPLIED WITH INDIVIDUAL WATER SUPPLY STOPS AND CODE APPROVED TRAPS. EXPOSED PIPING SHALL BE CHROME PLATED.
- C. INSULATE DOMESTIC WATER PIPING WITH 1/2" ARMAFLEX II OR RUBATEX R-180-FS OR EQUAL.
- D. DOMESTIC WATER PIPING BELOW GRADE SHALL BE TYPE 'K'. WATER PIPING ABOVE SLAB TO BE TYPE 'L' WITH COPPER FITTINGS.
- E. ALL SANITARY WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC, OR HUBLESS CAST IRON.
- F. ALL PLUMBING FIXTURES SHALL BE INSTALLED WITH APPROVED BACKFLOW PREVENTION DEVICES.
- G. NO PIPING SHALL PASS DIRECTLY OVER ELECTRICAL POWER DISTRIBUTION CABINETS. CONTRACTOR TO COORDINATE PANEL LOCATIONS PRIOR TO PIPING INSTALLATION.
- H. SINGLE RUNOUTS TO PLUMBING FIXTURES SHALL BE THE SAME SIZE AS ON THE PLUMBING FIXTURE SCHEDULE UNLESS OTHERWISE NOTED.
- I. ALL DRAINS SHALL BE PROVIDED WITH P-TRAPS.
- J. HORIZONTAL VENTING IS NOT SHOWN ON THIS PLAN FOR THE SAKE OF CLARITY. PROVIDE A COMPLETE VENTING SYSTEM IN ACCORDANCE WITH CODE.
- K. CONCEALED GAS PIPING SHALL BE CONSTRUCTED IN ACCORDANCE WITH CODE WITHOUT UNIONS, TUBING FITTINGS OR RUNNING THREADS.
- L. ADJUST SUPPLY LINE WALL PENETRATION HEIGHTS AS NEEDED TO AVOID CONFLICTS BETWEEN FLUSH VALVES AND GRAB BAR MOUNTING HEIGHTS. GRAB BAR HEIGHTS ARE TO TAKE PRIORITY.
- M. INSULATE ALL EXPOSED SUPPLY AND DRAIN LINES. (TYPICAL AT ALL TOILET ROOM AND HAND WASH SINKS THAT DON'T HAVE A BASE CABINET)
- N. ALL IMMEDIATE WASTE LINES FROM LAVATORIES TO BE 2" U.N.O.; ALL IMMEDIATE WASTE LINES FROM FLOOR DRAINS TO BE 2" U.N.O.; ALL IMMEDIATE WASTE LINES FROM WATER CLOSETS TO BE 4" U.N.O.; ALL MAIN WASTE LINES TO BE 4" U.N.O.
- O. ALL IMMEDIATE SUPPLY LINES TO LAVATORIES TO BE 1/2" U.N.O.; ALL IMMEDIATE SUPPLY LINES TO HOSE BIBBS TO BE 3/4" U.N.O.; ALL IMMEDIATE SUPPLY LINES TO WATER CLOSETS TO BE 1" U.N.O.

PLUMBING FIXTURE LEGEND

- WC-1 WATER CLOSET - CHLD - 12" RIM HEIGHT
- WC-2 WATER CLOSET - CHLD - 15" RIM HEIGHT
- WC-3 WATER CLOSET - ADULT HC - 18" RIM HEIGHT
- L-1 WALL-HUNG LAVATORY
- L-2 SELF-RIM LAVATORY W/ VANITY
- SS-2 SS SINK - DOUBLE BASIN
- SS-3 SS SINK - TRIPLE BASIN
- WB WATER BUBBLER - OUTDOOR
- EW1 WATER COOLER - INDOOR
- EW2 HC WATER COOLER - INDOOR
- MS MOP SINK
- GS GREASE SEPARATOR

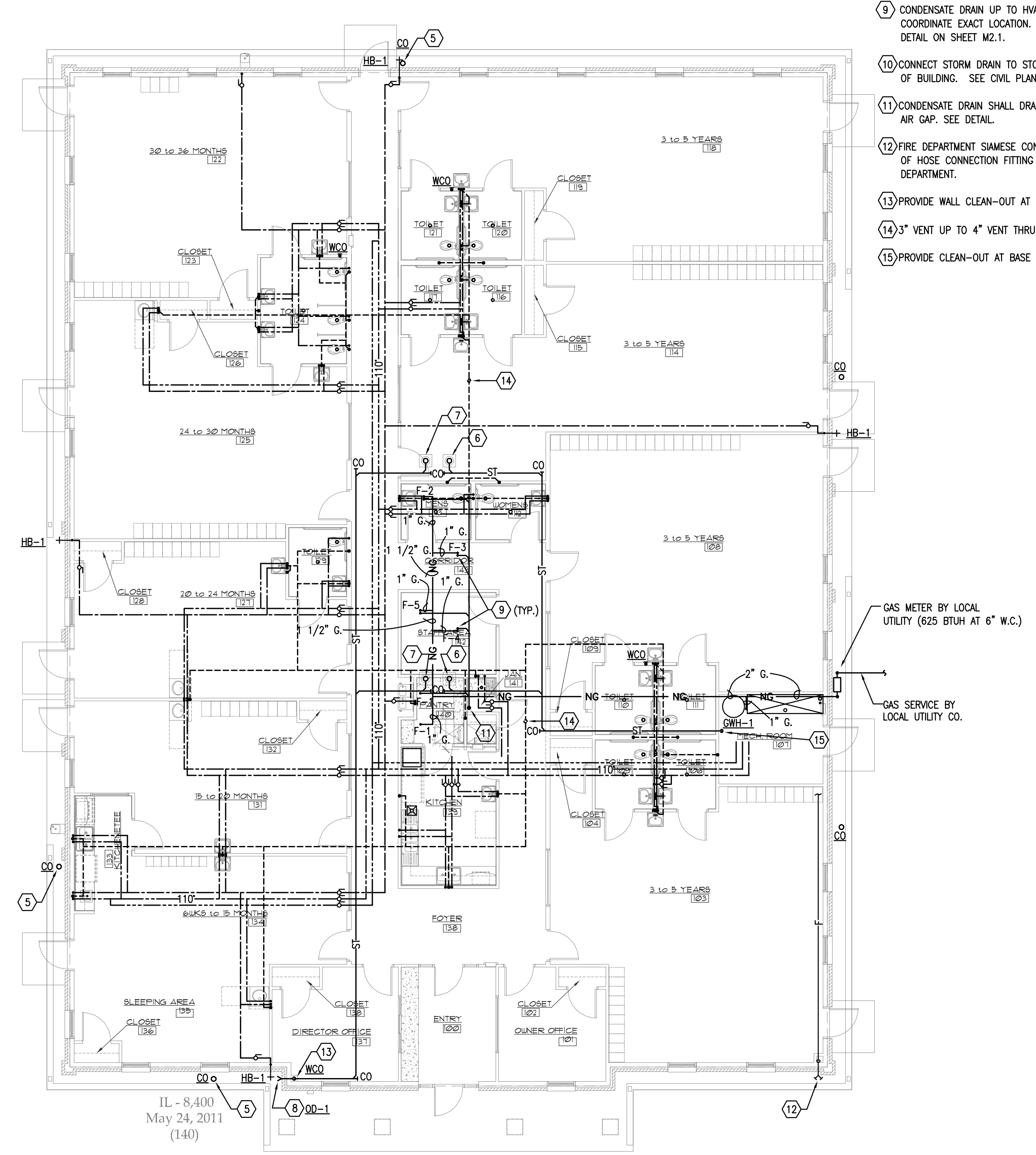
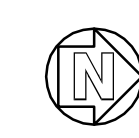
PLUMBING KEYNOTES:

- 1 6" SANITARY MAIN. EXTEND TO 5'-0" OUTSIDE BUILDING. SEE SITE UTILITY PLAN FOR CONTINUATION.
- 2 2" DOMESTIC WATER SERVICE. EXTEND TO 5'-0" OUTSIDE BUILDING. SEE SITE UTILITY PLAN FOR CONTINUATION.
- 3 6" FIRE PROTECTION SERVICE. EXTEND TO 5'-0" OUTSIDE BUILDING. SEE SITE UTILITY PLAN FOR CONTINUATION.
- 4 PROVIDE FRENCH DRAIN FOR DRINKING FOUNTAIN. DRINKING FOUNTAIN SHALL DRAIN VIA AN AIR GAP. TRENCH DRAIN SHALL EXTEND ABOVE GRADE. FILL TRENCH DRAIN WITH CLEAN GRAVEL.
- 5 LOCATE CLEAN-OUT IN CONCRETE OUTSIDE.
- 6 UP TO RD-1 ROOF DRAIN.
- 7 UP TO RD-2 OVERFLOW ROOF DRAIN.
- 8 OVERFLOW ROOF DRAIN DOWN TO COWS TONGUE OUTLET.
- 9 CONDENSATE DRAIN UP TO HVAC UNIT IN MEZZAINE. COORDINATE EXACT LOCATION. SEE CONDENSATE DRAIN DETAIL ON SHEET M2.1.
- 10 CONNECT STORM DRAIN TO STORM LINE AT EXTERIOR OF BUILDING. SEE CIVIL PLAN.
- 11 CONDENSATE DRAIN SHALL DRAIN TO HUB DRAIN VIA AIR GAP. SEE DETAIL.
- 12 FIRE DEPARTMENT SIAMESE CONNECTION. VERIFY TYPE OF HOSE CONNECTION FITTING WITH THE LOCAL FIRE DEPARTMENT.
- 13 PROVIDE WALL CLEAN-OUT AT BASE OF STACK.
- 14 3" VENT UP TO 4" VENT THRU ROOF.
- 15 PROVIDE CLEAN-OUT AT BASE OF STACK.



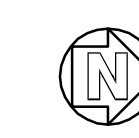
IL - 8,400
May 24, 2011
(140)

1 PLUMBING PLAN (UNDERGROUND)
P1.1 SCALE: 1/8" = 1'-0"



IL - 8,400
May 24, 2011
(140)

2 PLUMBING PLAN (ABOVE GROUND)
P1.1 SCALE: 1/8" = 1'-0"



Received 1/16/12
By Primax Construction, Inc.

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YAGLA ENGINEERING SERVICES
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PLOT REFERENCE NO. NONE
DRAWING SCALE. SEE DRAWING

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PROJECT TITLE _____

ZIP _____

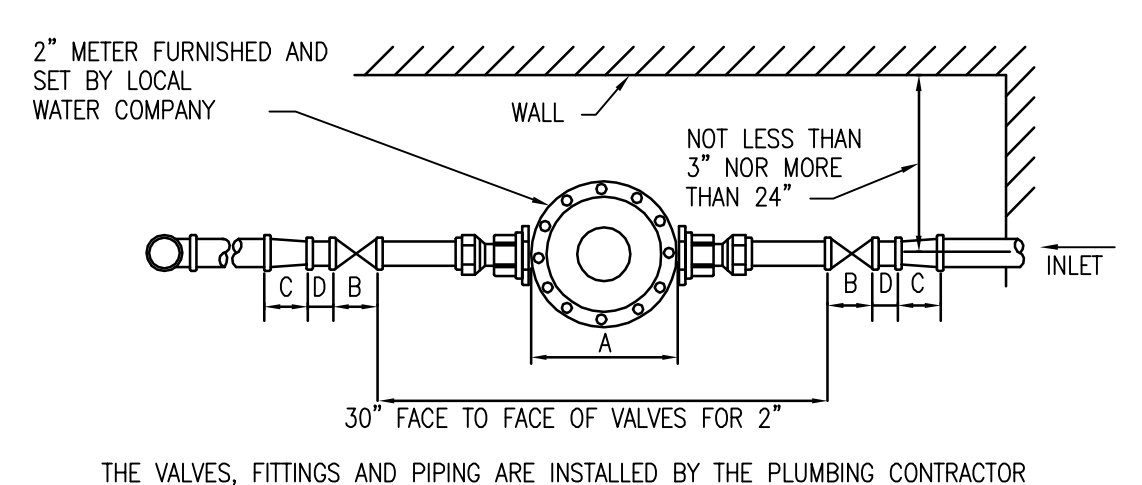
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SWC OF 83RD STREET AND LEMONT ROAD
DARIEN, ILLINOIS

SHEET TITLE
**PLUMBING
DETAILS**

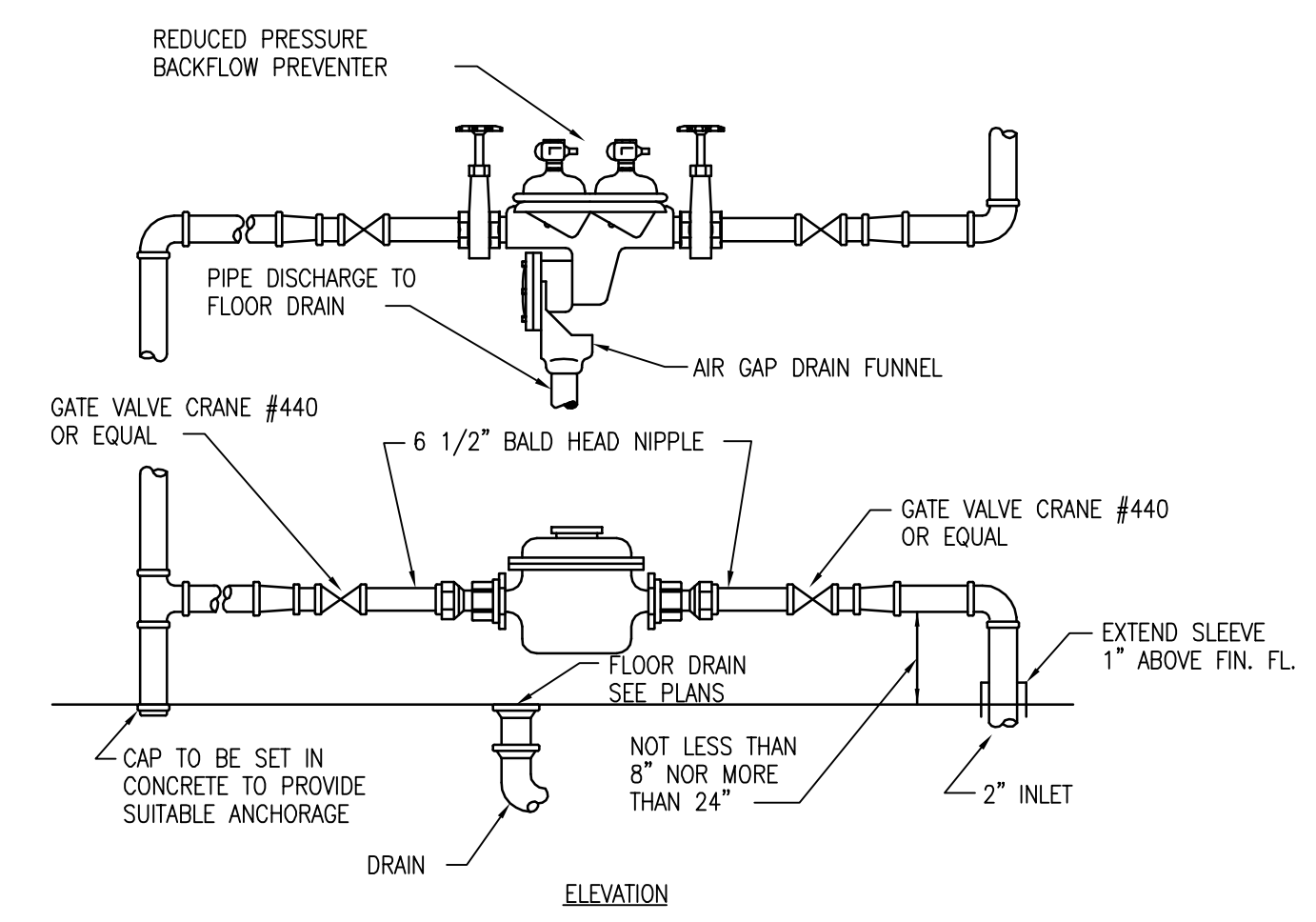
SHEET NUMBER

P2.1

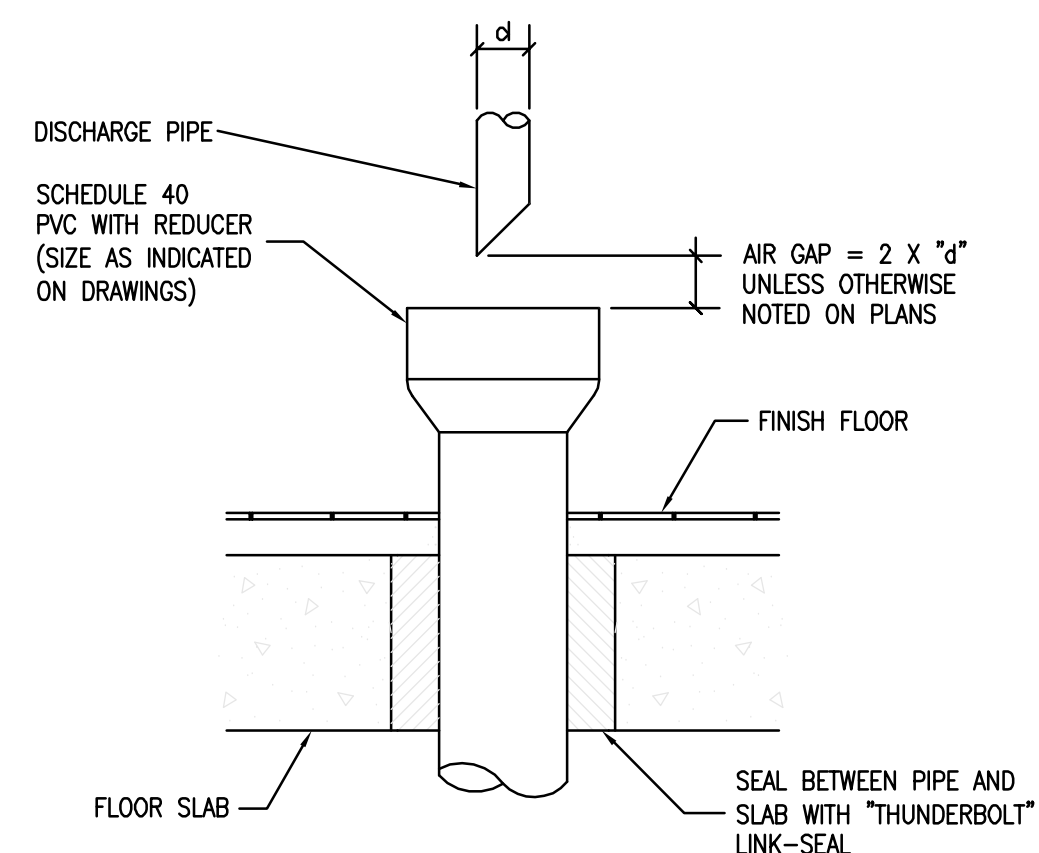
	CONDENSATE LINE BELOW SLAB		CHECK VALVE
	CONDENSATE LINE ABOVE SLAB		ARROW INDICATES DIRECTION OF FLOW
	FIRE PROTECTION		GAS SHUTOFF VALVE
	GREASE WASTE		COLD WATER
	COLD WATER PIPING (CW)		FLOOR DRAIN
	HOT WATER PIPING (HW)		FREEZE PROOF HOSE BIBB
	HOT WATER RETURN PIPING (HWR)		GAS
	GAS PIPING		HOSE BIBB
	VENT PIPING		HOT WATER
	SANITARY BELOW GRADE OR SLAB		HOT WATER RETURN
	SANITARY ABOVE GRADE OR SLAB		HUB DRAIN
	HOSE BIBB OR WALL HYDRANT		LAVATORY
	FLOOR DRAIN OR FLOOR SINK		MOP SINK
	FLOOR HYDRANT		OVERFLOW DRAIN
	SHUTOFF VALVE IN PIPE		ROOF DRAIN
	BALANCING VALVE		SINK
	90 DEG. ELBOW DOWN (DROP IN PIPE)		STORM
	90 DEG. ELBOW UP (RISE IN PIPE)		URINAL
	HORIZONTAL CLEAN OUT		VENT
	CLEAN OUT IN FLOOR		VENT THRU ROOF
	VERTICAL PIPE DROP OUT OF BOTTOM OF HORIZONTAL PIPE		WALL HYDRANT
	VERTICAL PIPE RISE OUT OF TOP OF HORIZONTAL PIPE		WASTE
	WATER HAMMER ARRESTOR		WATER CLOSET
	PITCH PIPE DOWN IN DIRECTION OF ARROW		WATER HEATER
NOTE: SOME SYMBOLS MAY NOT BE USED.			CONNECTION TO EXISTING UTILITY



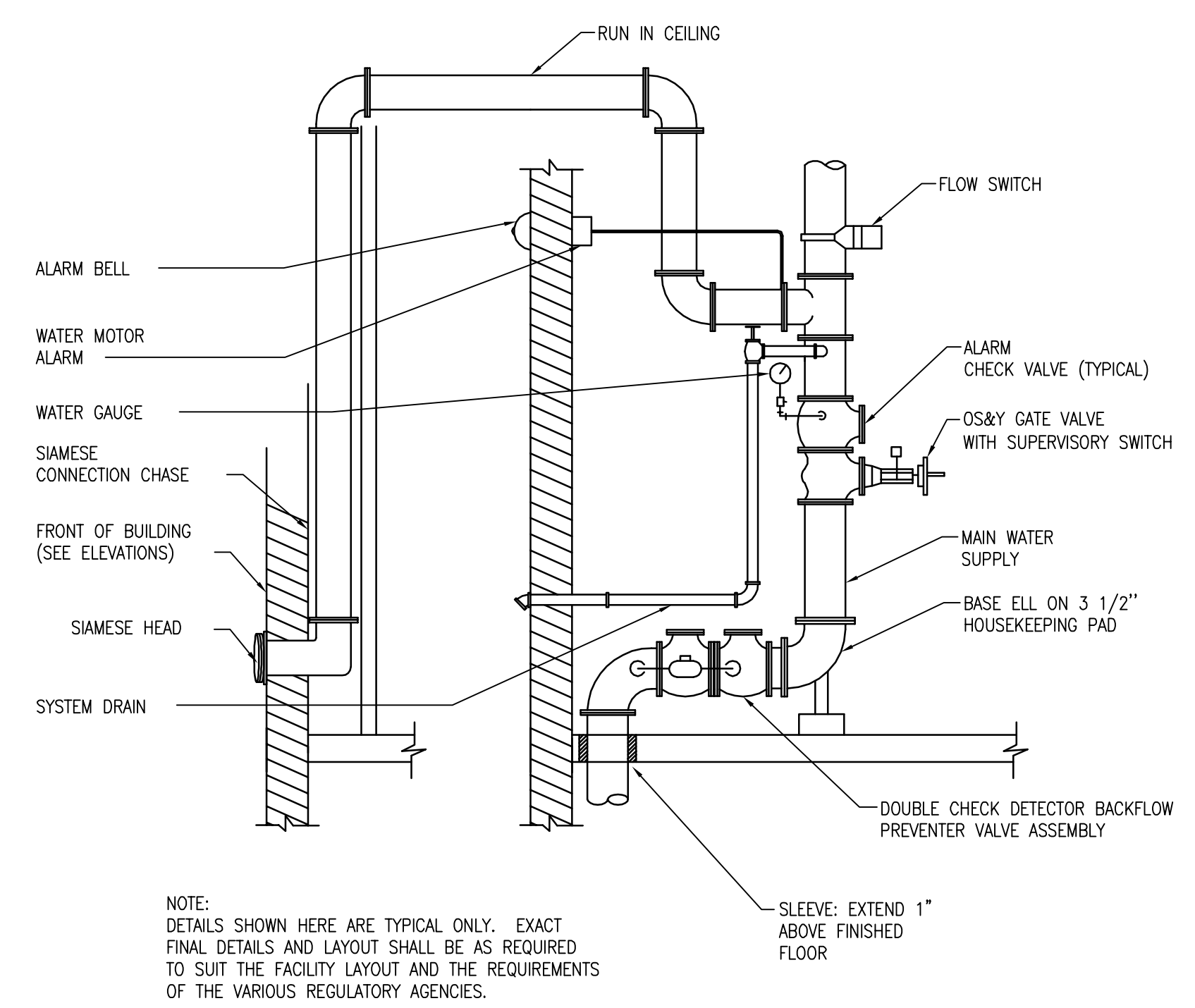
1 WATER METER AND BACKFLOW PREVENTER DETAIL
SCALE: N.T.S.



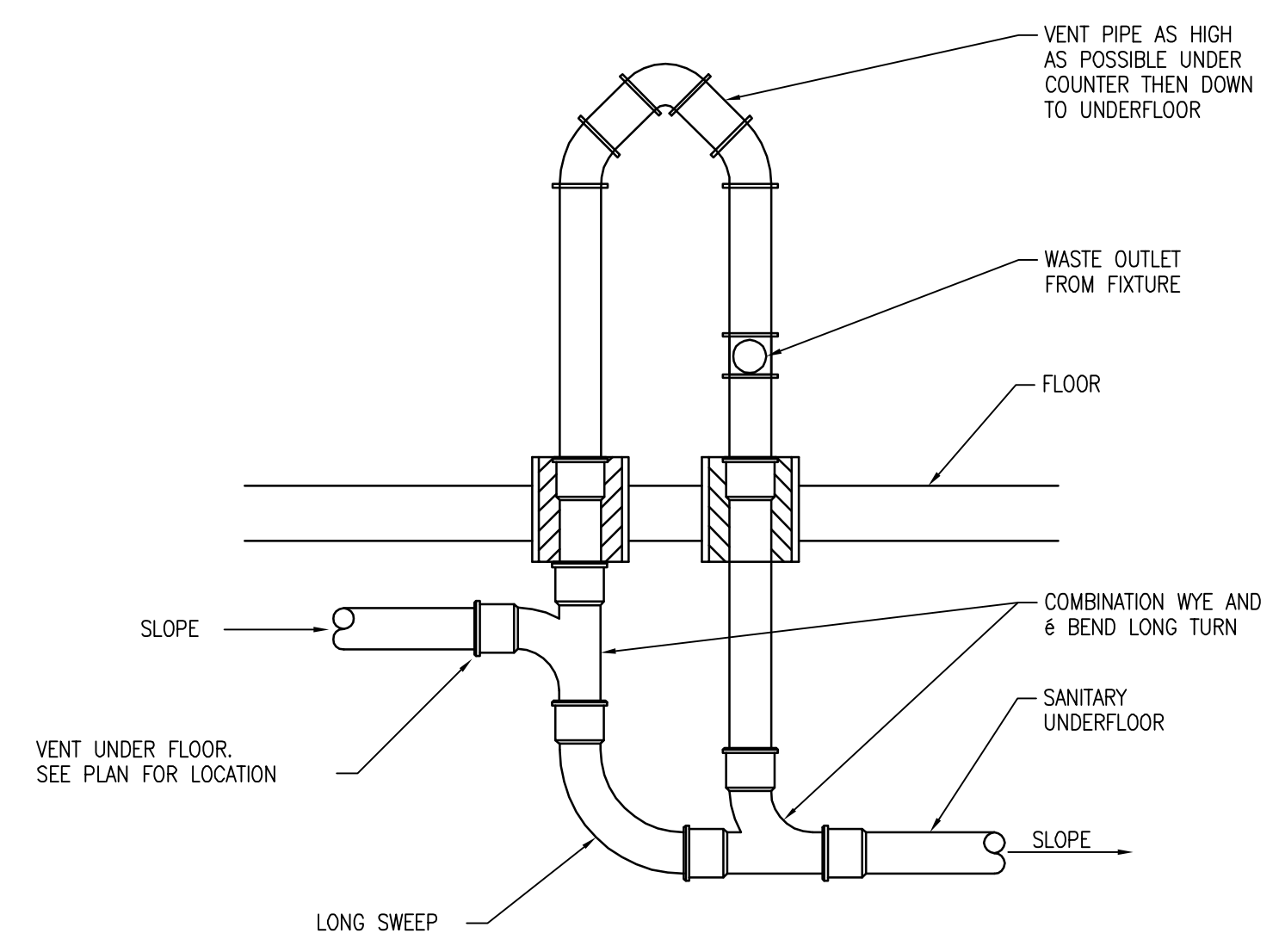
2 GAS WATER HEATER DETAIL
SCALE: N.T.S.



3 HUB DRAIN DETAIL
SCALE: N.T.S.



4 FIRE PROTECTION RISER
SCALE: N.T.S.



5 LOOP VENT DETAIL
SCALE: N.T.S.

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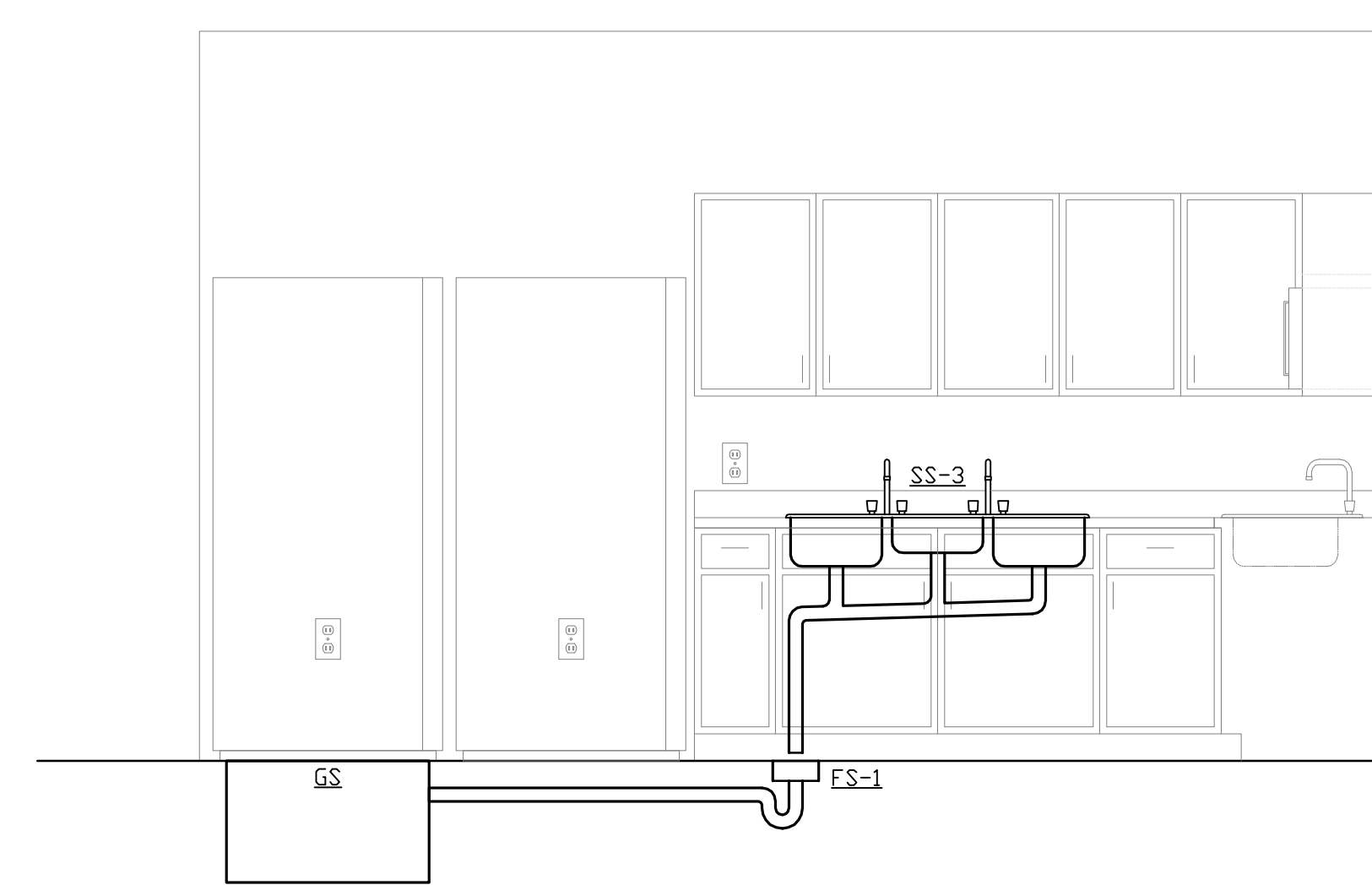
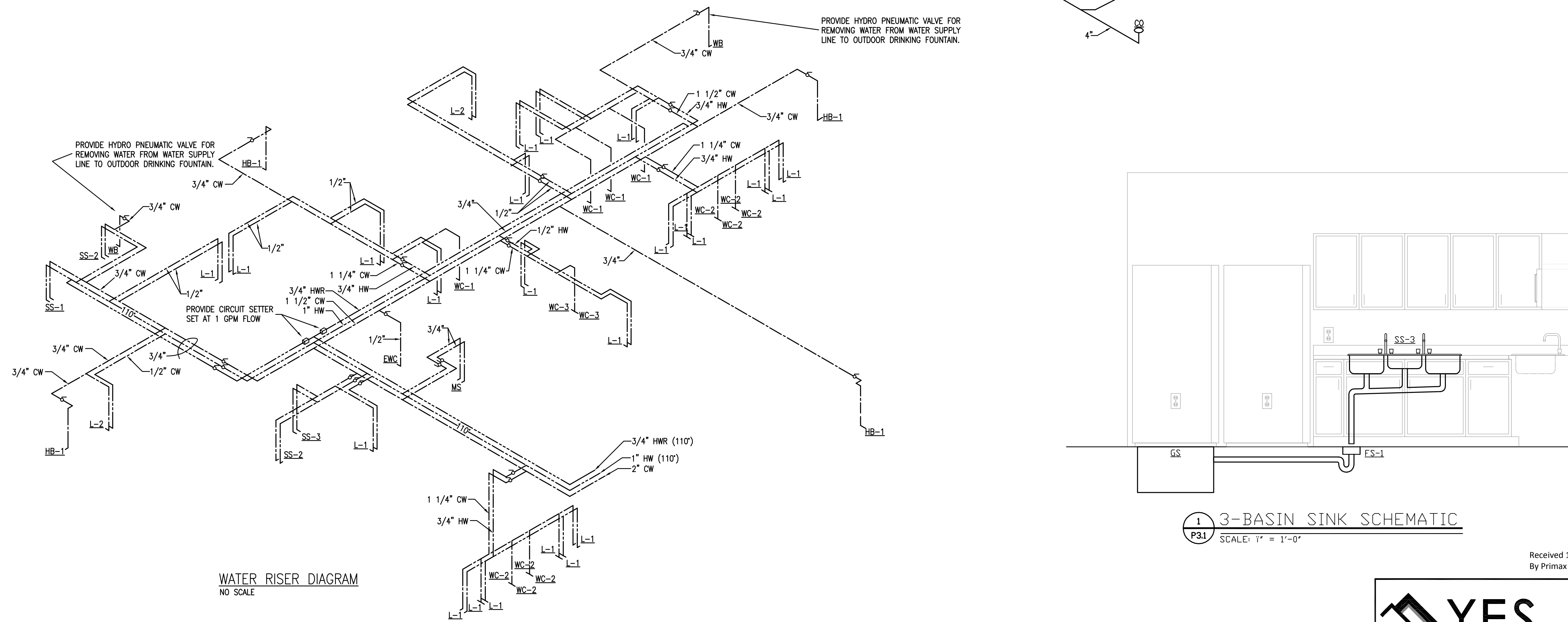
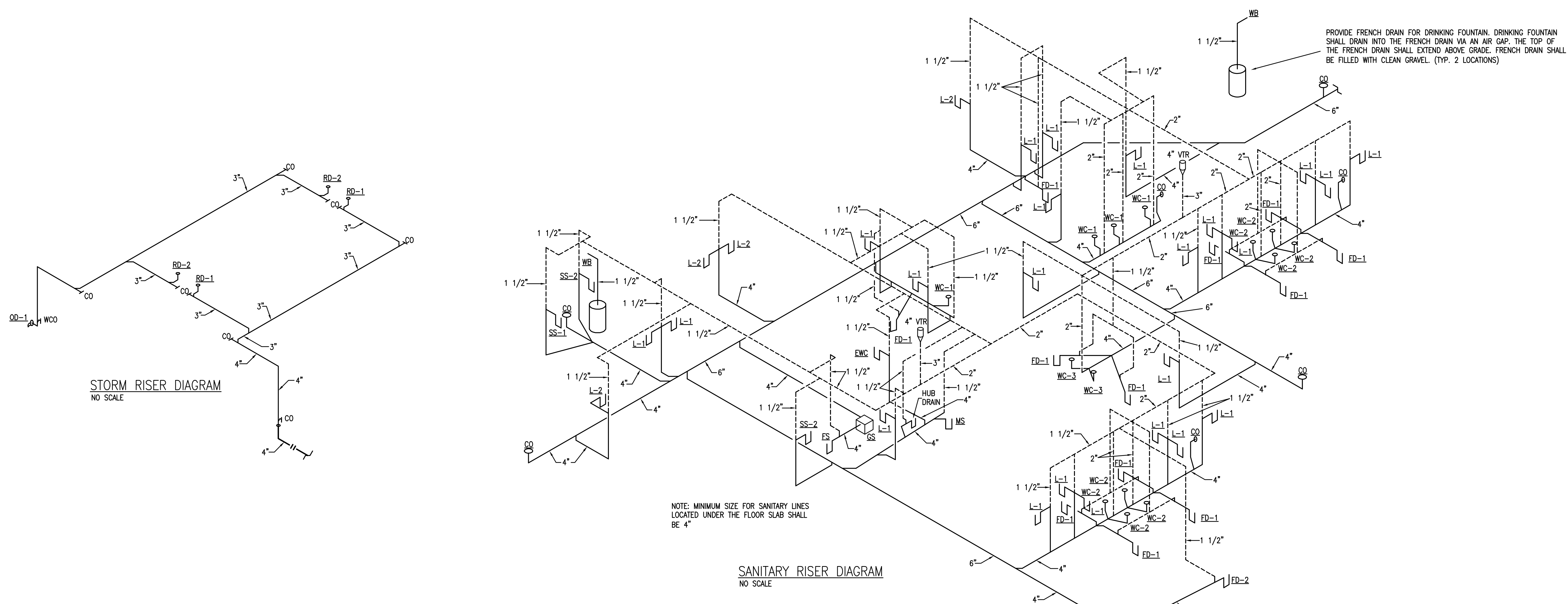
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ILLINOIS 8400
SWC OF 83RD STREET AND LEMONT ROAD
DARIEN, ILLINOIS

SHEET TITLE
**PLUMBING
RISER
DIAGRAMS**

SHEET NUMBER

P3.1



YES
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