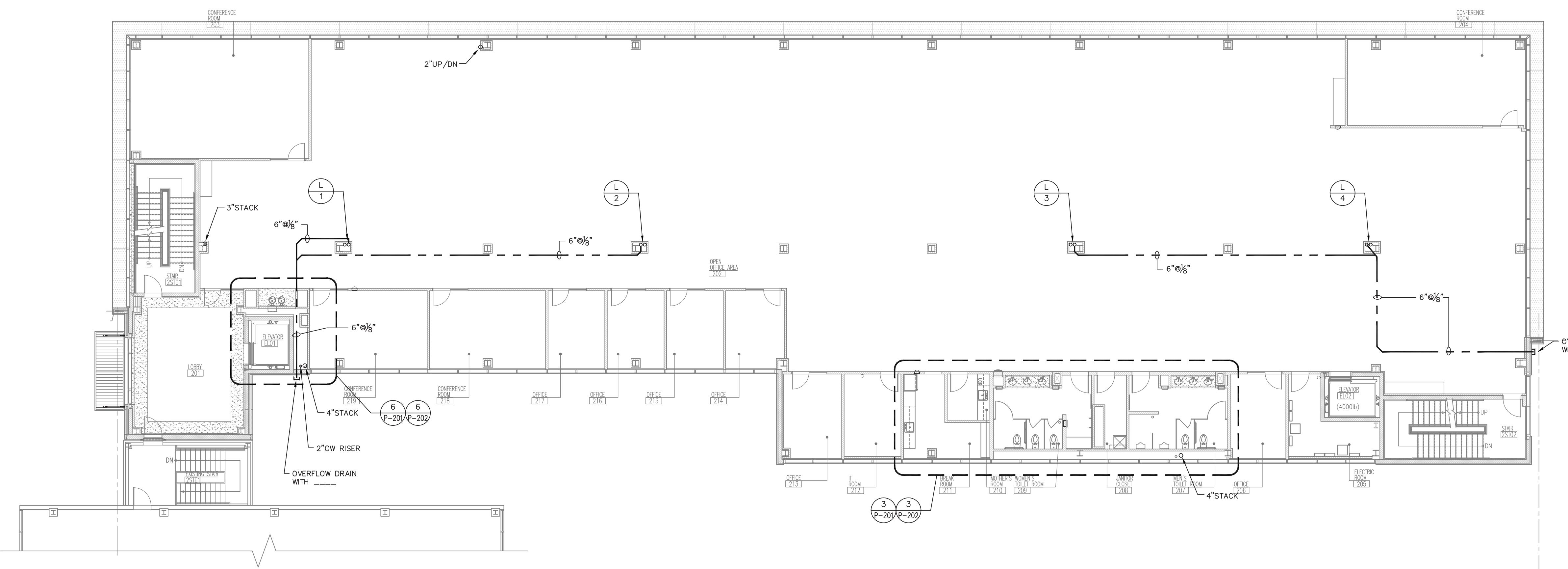
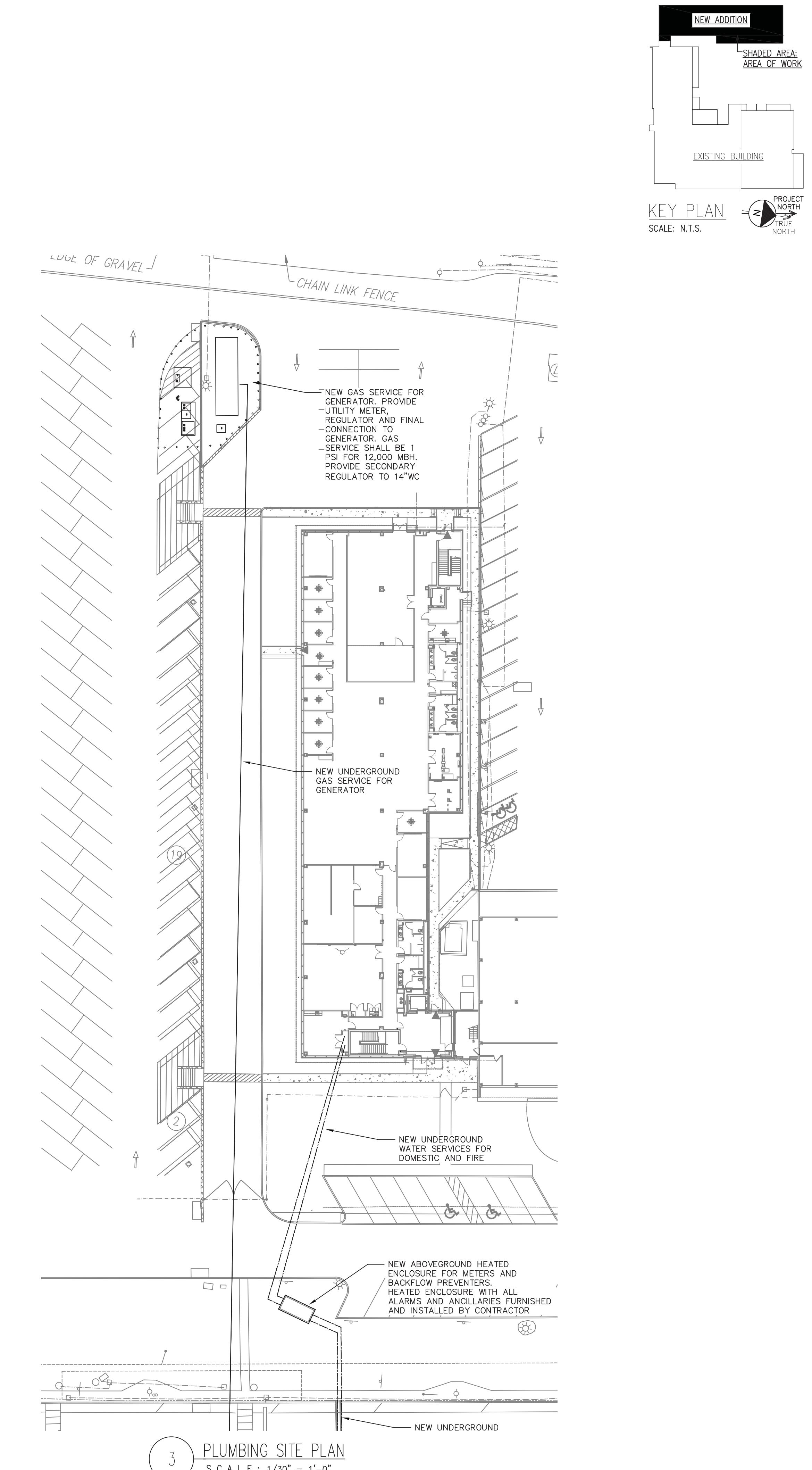


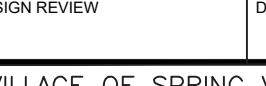
1 1st FLOOR PLAN
S C A L E : $3/32'' = 1'-0''$

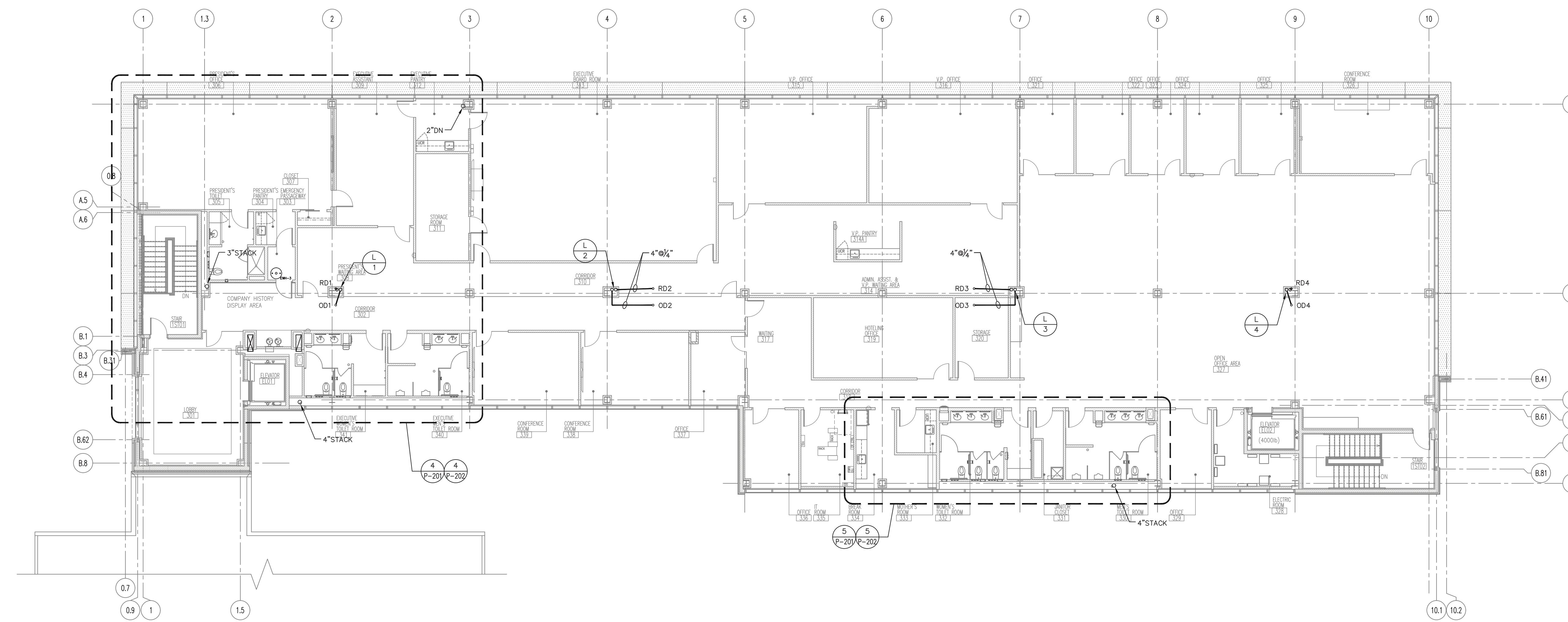
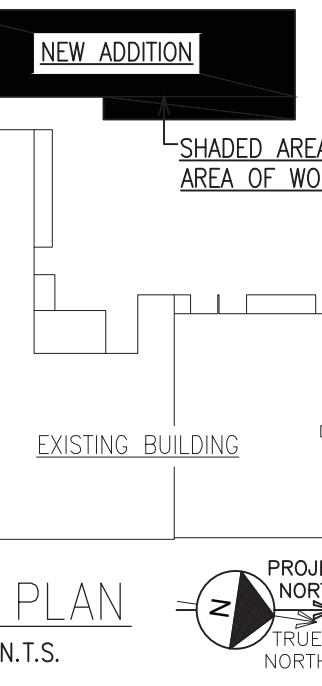


2nd FLOOR PLAN
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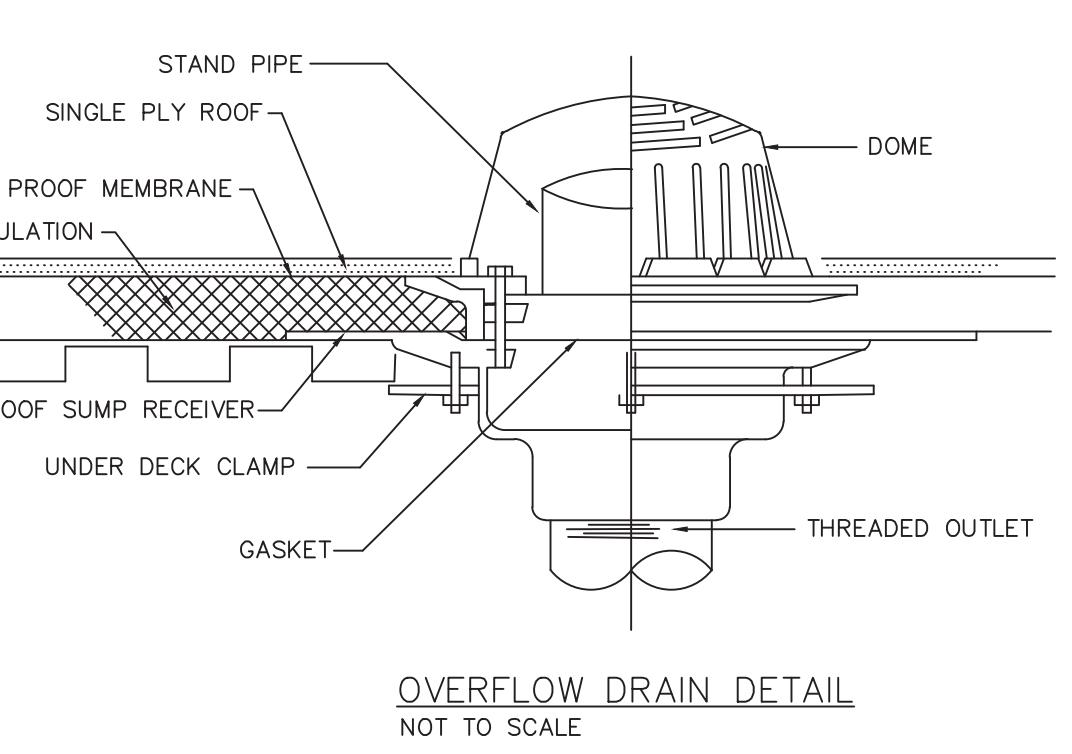
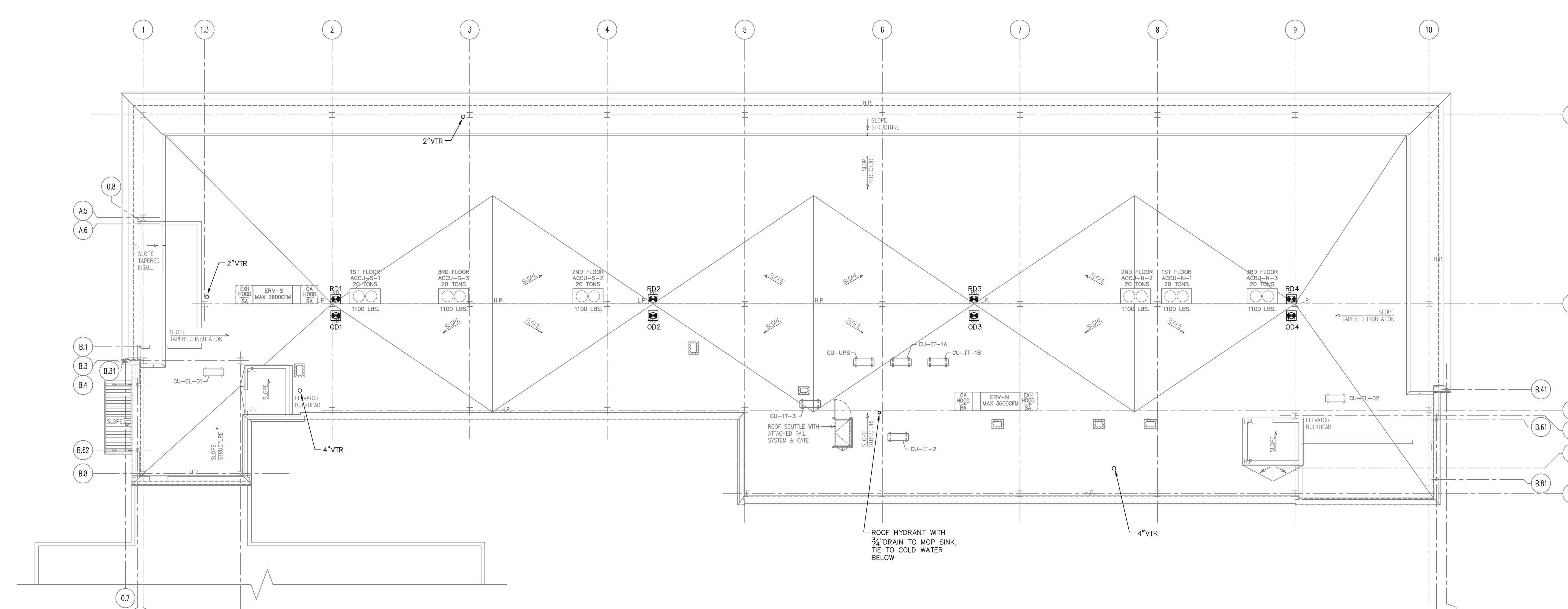
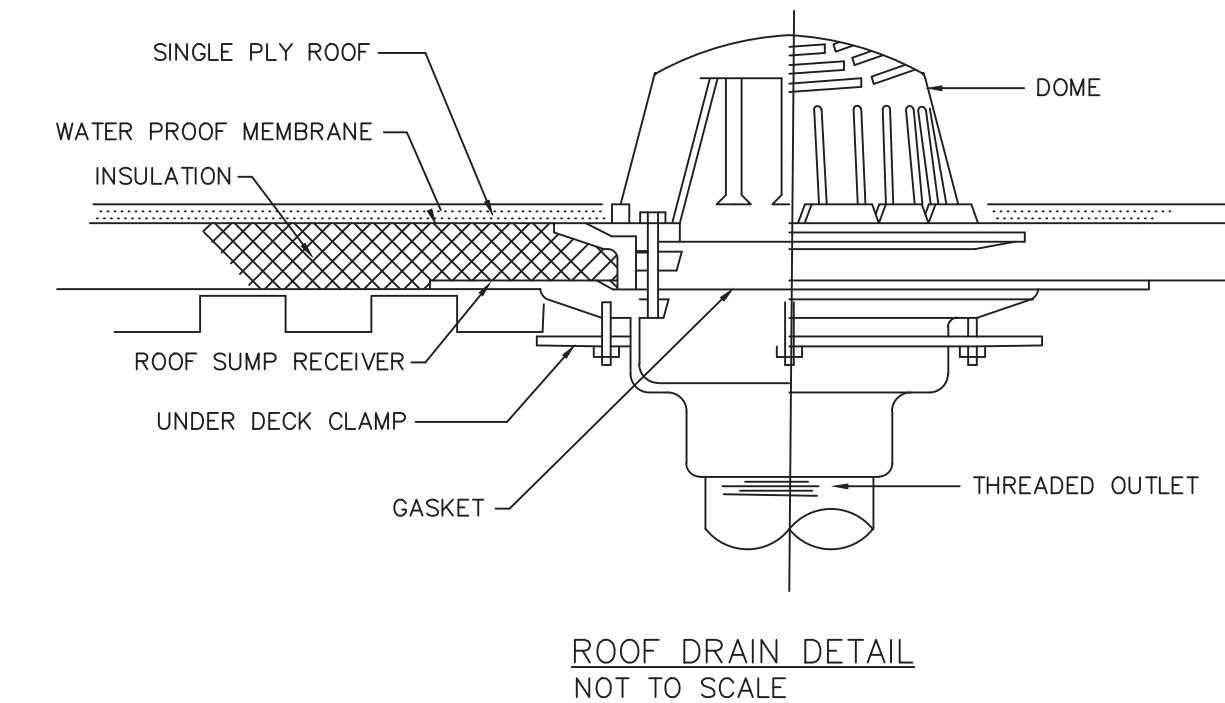


3 PLUMBING SITE PLAN
S C A L E : 1/30" = 1'-0"

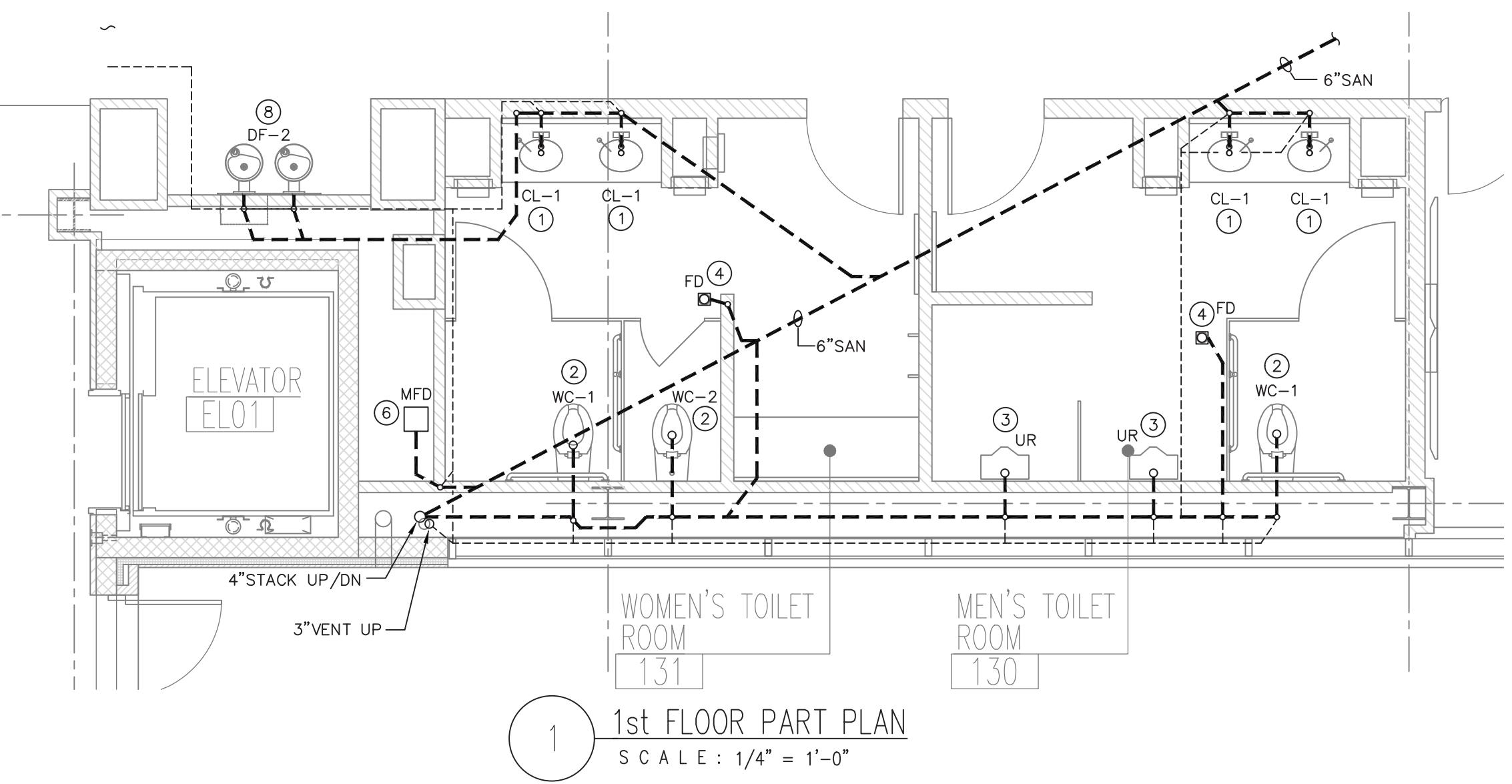
		1 ISSUED FOR BUILDING DEPARTMENT FILING & BIDDING		04-28-2025																					
 <p>Omdex Incorporated Consulting Engineers</p> <p>21 Cross Avenue Midland Park, NJ 07432-1811 (201) 444-0753 FAX (201) 444-0839</p> <p></p> <p>BRIAN W. PASECHNICK NO. 91385 REGISTERED PROFESSIONAL ENGINEER</p> <p>Lorin J. Sonenshine, AIA Cert./Lic. No. NY 018401</p>		 <p>SNS ARCHITECTS & ENGINEERS tel: 201.573.1767 fax: 201.573.0808</p> <p>www.sns-arch-eng.com</p> <p>DRAFTED: MJR CHECKED: — PROJ. NO: 5593 DATE: 08.11.2024</p> <p></p>																							
		ENGINEERING REVIEW <table border="1"> <tr> <td>DEPT.</td> <td>SIGNATURE</td> <td>DATE</td> </tr> <tr> <td>CIVIL</td> <td></td> <td></td> </tr> <tr> <td>METERING</td> <td></td> <td></td> </tr> <tr> <td>RELAY</td> <td></td> <td></td> </tr> <tr> <td>TRANS. & SUB.</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		DEPT.	SIGNATURE	DATE	CIVIL			METERING			RELAY			TRANS. & SUB.						APPROVED	NEW BUILDING - PLUMBING FIRST & SECOND FLOOR PLANS SVOC NEW OFFICE ADDITION TAX MAP ID 56.52-1-2 390 WEST ROUTE 59 VILLAGE OF SPRING VALLEY TOWN OF RAMAPO ROCKLAND COUNTY, NEW YORK		
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CIVIL																									
METERING																									
RELAY																									
TRANS. & SUB.																									
		DESIGN REVIEW	DATE	SCALE	FILE NO.	DRAWING NUMBER	SHEET	REV.																	
				AS NOTED		P-101	81 OF 95																		
		VILLAGE OF SPRING VALLEY  <p>SNS Architects & Engineers, PC</p> <p>ONE PARAGON DRIVE . MONTVALE . NEW JERSEY . 07645</p>				<ul style="list-style-type: none"> □ John Lignos, AIA ■ Lorin J. Sonenshine, AIA □ Steven Napolitano, PE, PP □ Robert Nocella, AIA 																			



ROOF DRAIN SCHEDULE				
UNIT	AREA	SMITH MODEL ROOF DRAIN	R.D. DIAMETER	SMITH MODEL OVERFLOW DRAIN
RD-1	4300	1010-UDC	4"	1070-UDC
RD-2	3700	1010-UDC	4"	1070-UDC
RD-3	4300	1010-UDC	4"	1070-UDC
RD-4	4300	1010-UDC	4"	1070-UDC

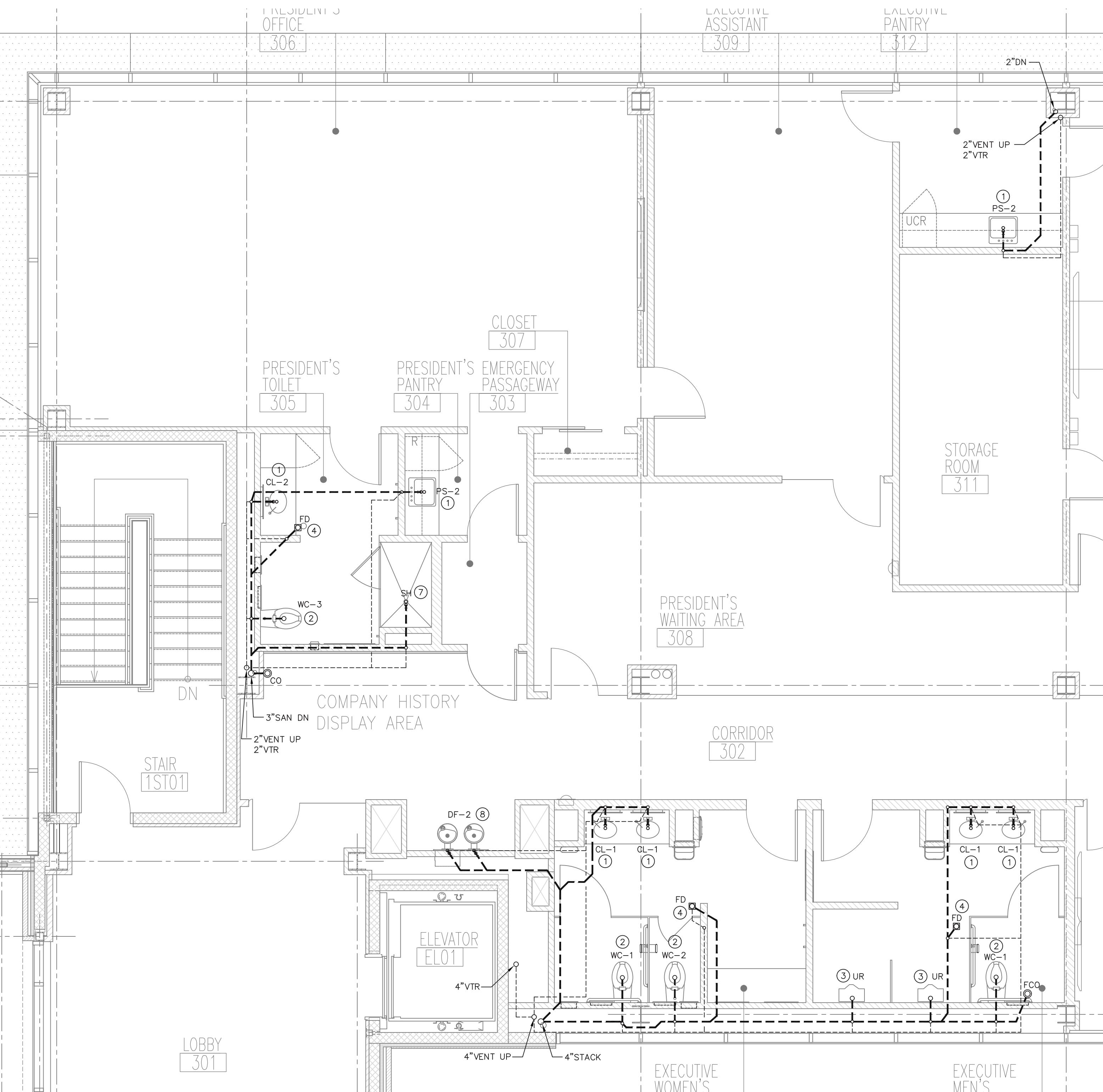


1 ISSUED FOR BUILDING DEPARTMENT FILING & BIDDING			04-28-2025																																				
ORANGE AND ROCKLAND UTILITIES, INC. SPRING VALLEY NEW YORK																																							
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<input type="checkbox"/> INFORMATION <input type="checkbox"/> COMMENTS <input type="checkbox"/> BID <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/>																																							
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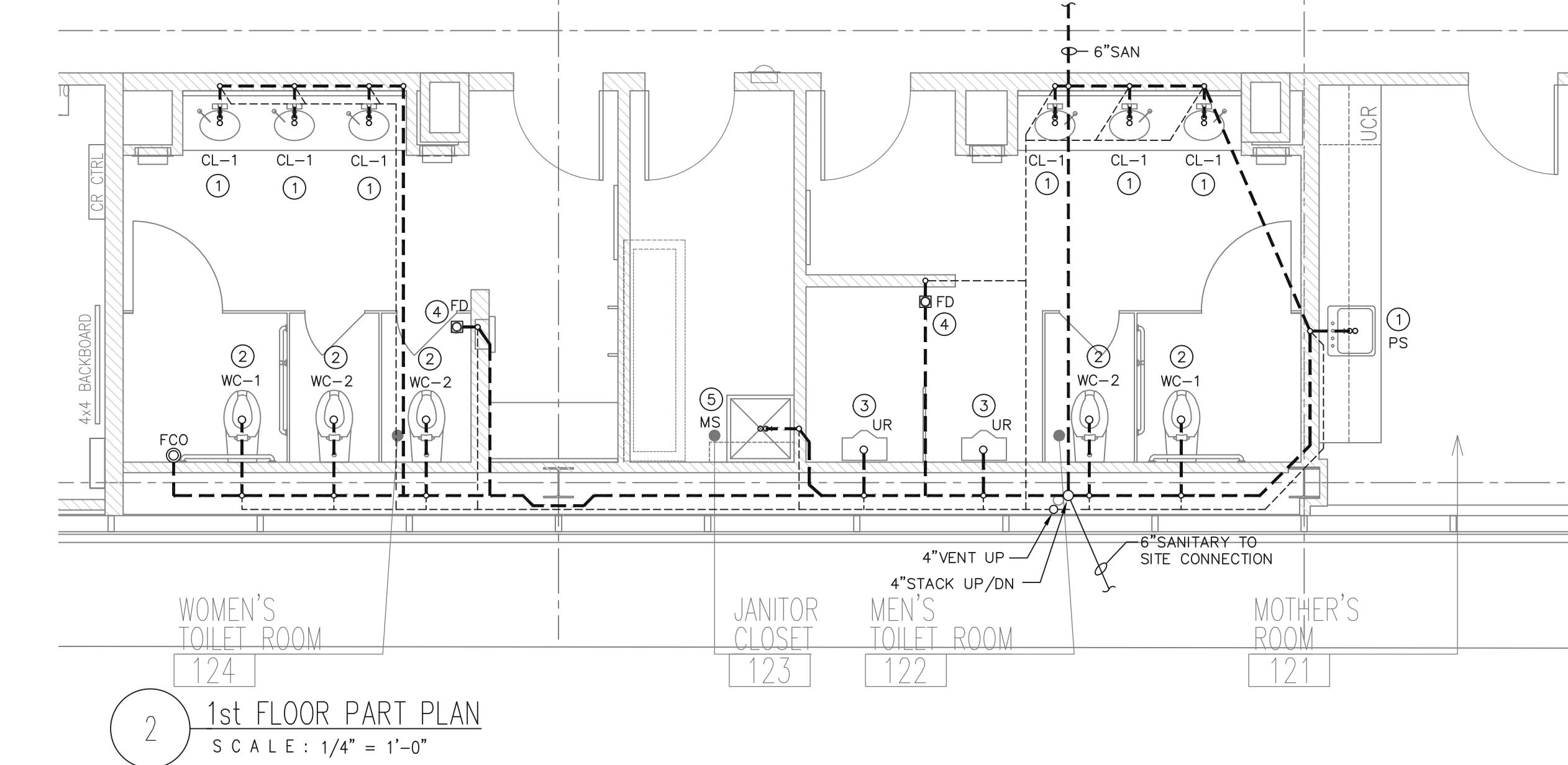
1 1st FLOOR PART PLAN
S C A L E : 1/4" = 1'-0"

SCALE: 1/4 = 1-



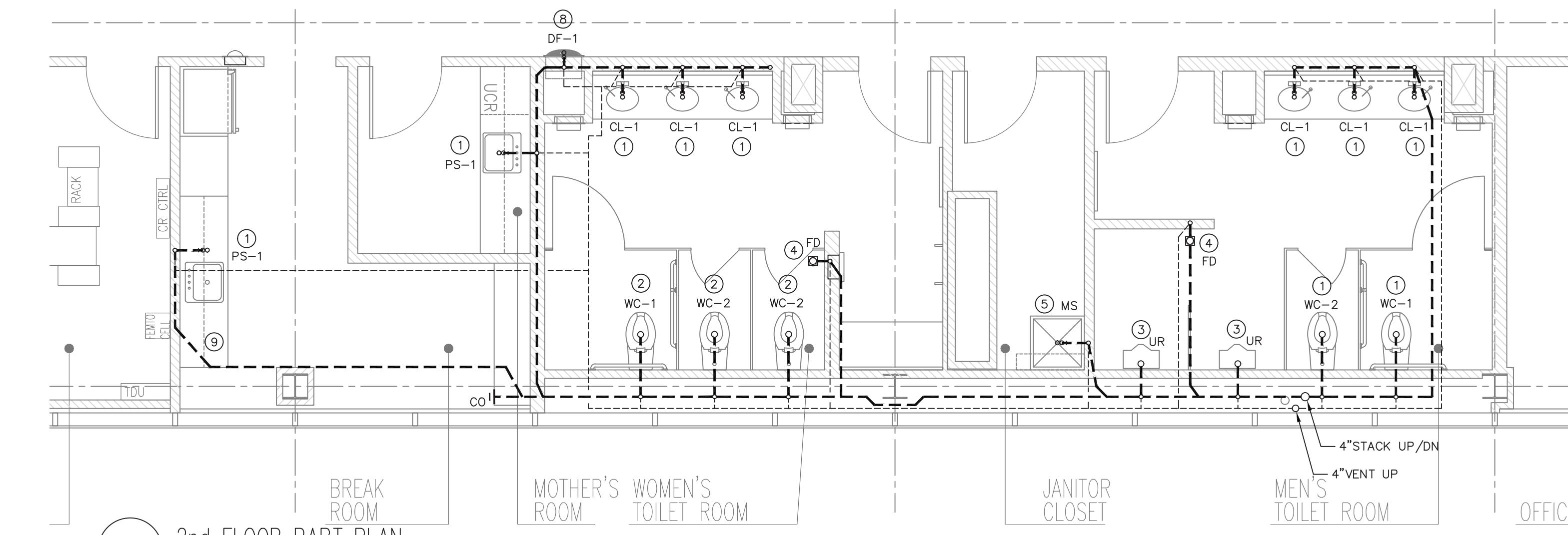
4 3rd FLOOR PART PLAN

4 SCALE : $1/4"$ = $1'-0"$



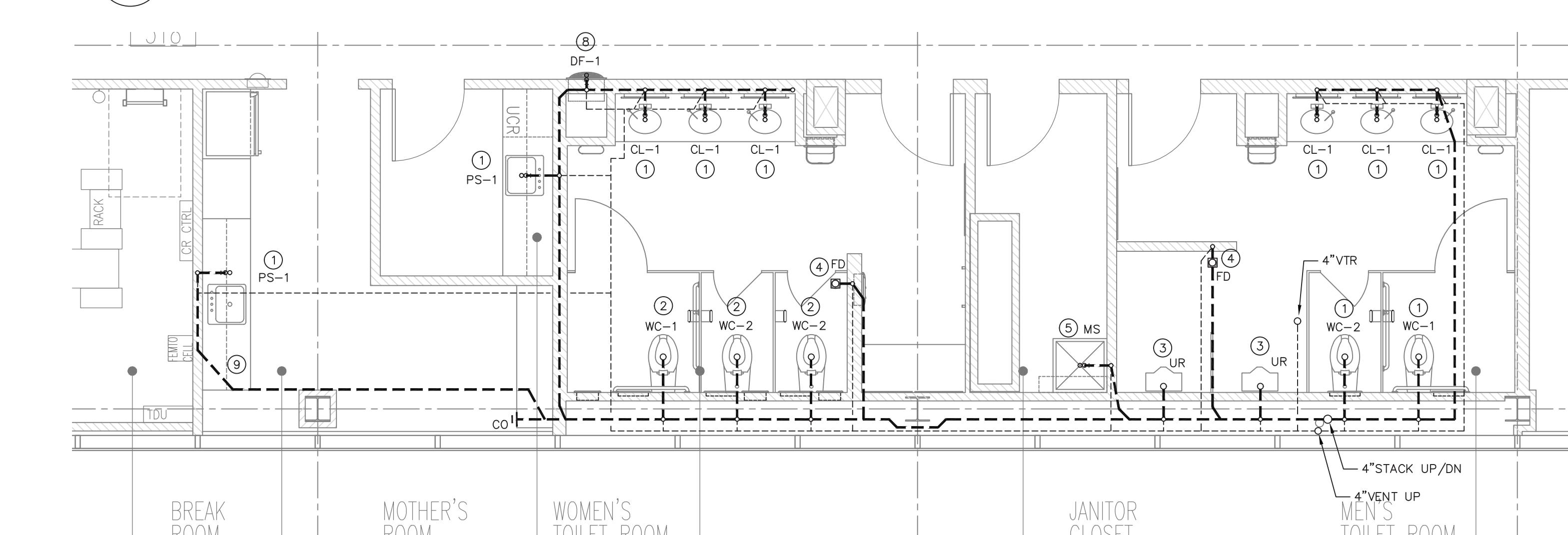
1st FLOOR PART PL

SCALE:



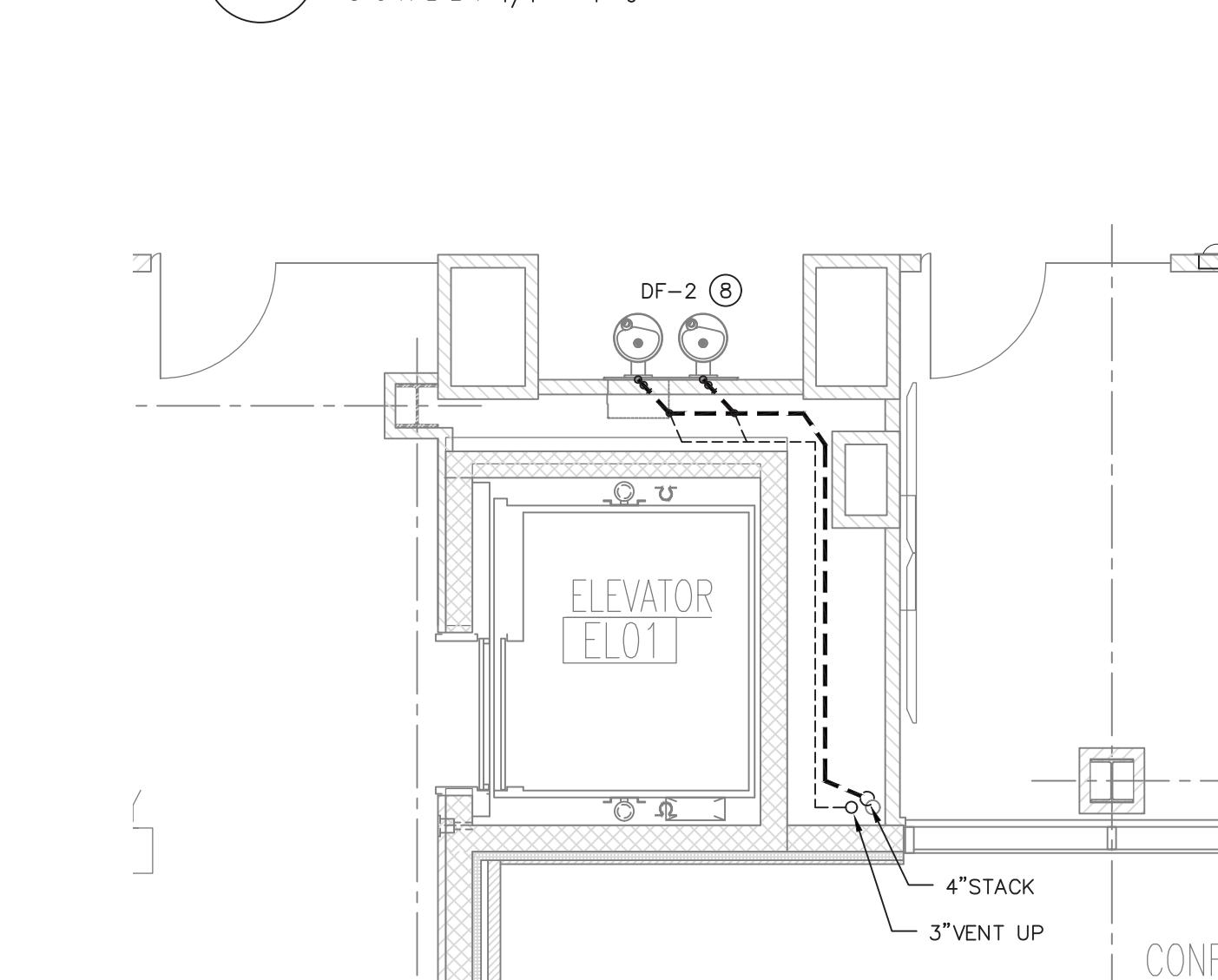
3 2nd FLOOR PART F
SCALE: 1/4" = 1'-0"

SCALE



3rd FLOOR PART

S C A

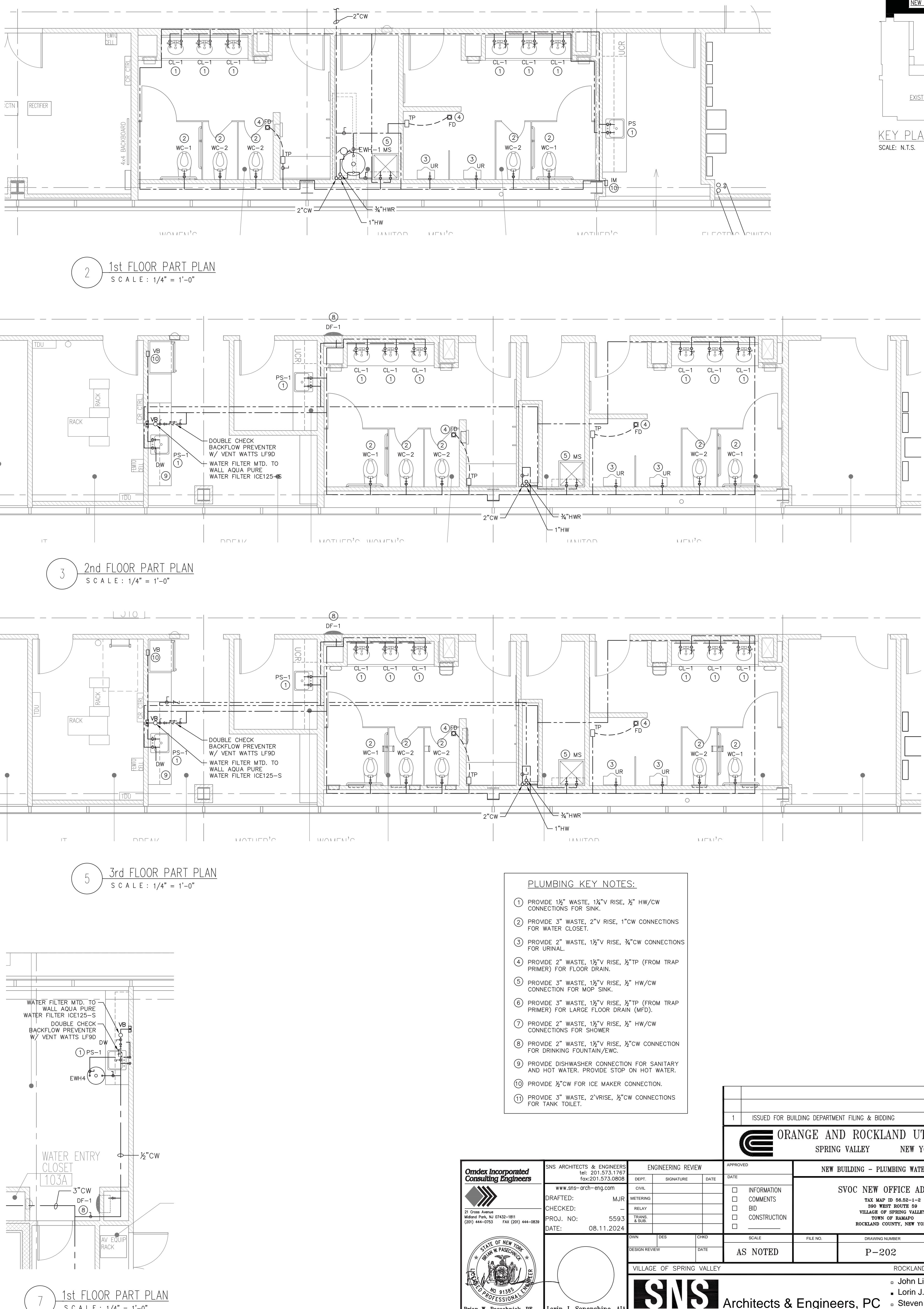
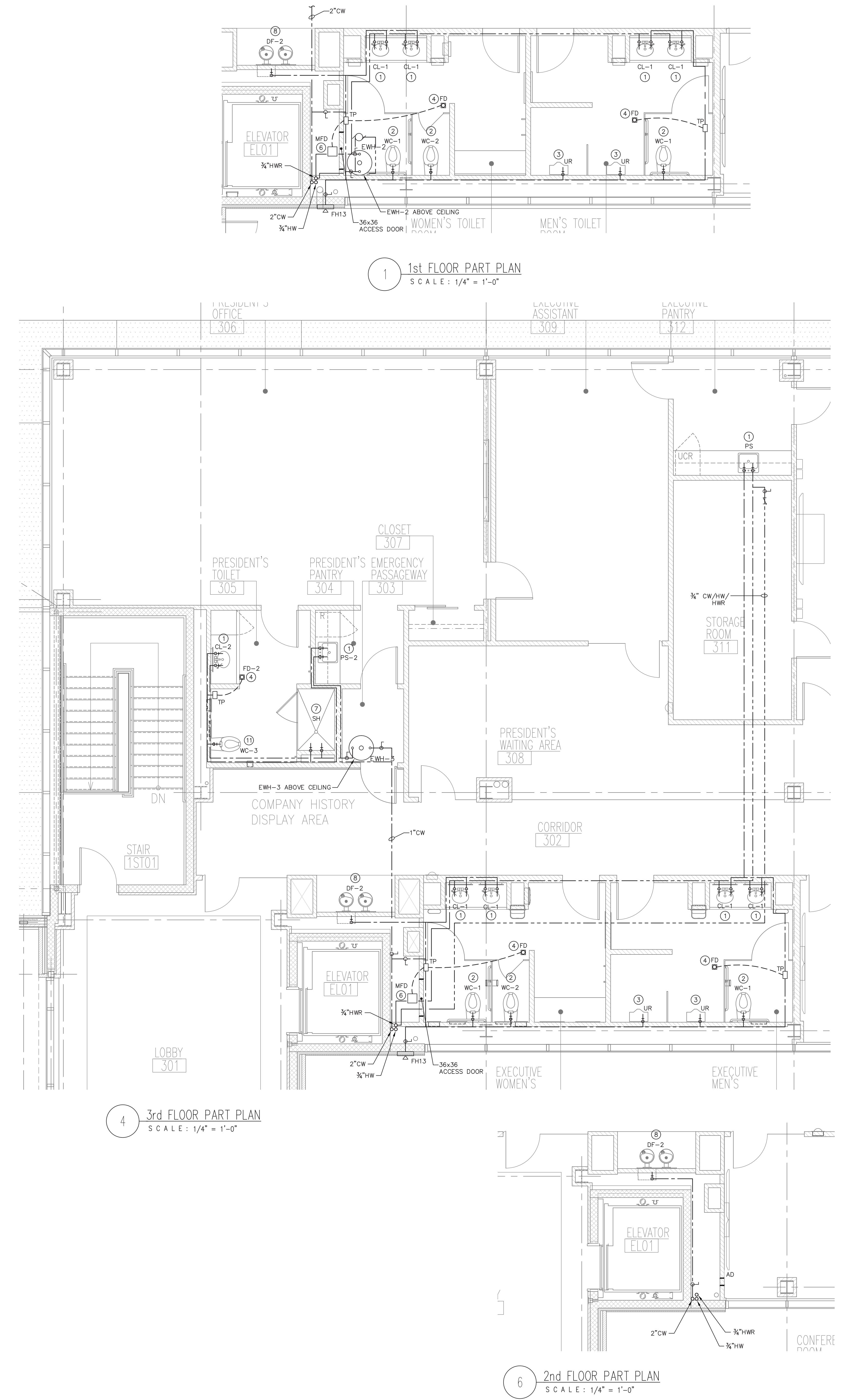


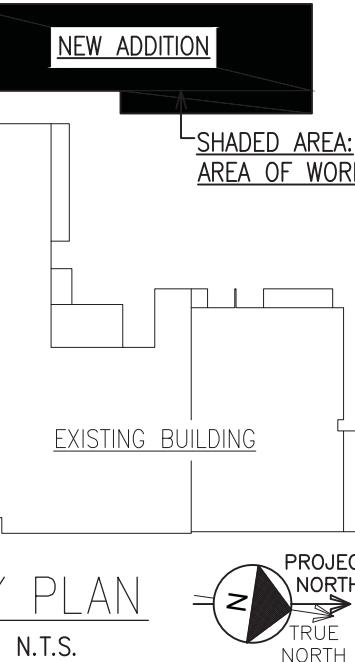
6 2nd FLOOR PART P

SCALE

- PLUMBING KEY NOTES:

 - ① PROVIDE 1½" WASTE, 1¼"V RISE, ½" HW/CW CONNECTIONS FOR SINK.
 - ② PROVIDE 3" WASTE, 2"V RISE, 1"CW CONNECTIONS FOR WATER CLOSET.
 - ③ PROVIDE 2" WASTE, 1½"V RISE, ¾"CW CONNECTIONS FOR URINAL.
 - ④ PROVIDE 2" WASTE, 1½"V RISE, ½"TP (FROM TRAP PRIMER) FOR FLOOR DRAIN.
 - ⑤ PROVIDE 3" WASTE, 1½"V RISE, ½" HW/CW CONNECTION FOR MOP SINK.
 - ⑥ PROVIDE 3" WASTE, 1½"V RISE, ½"TP (FROM TRAP PRIMER) FOR LARGE FLOOR DRAIN (MFD).
 - ⑦ PROVIDE 2" WASTE, 1½"V RISE, ½" HW/CW CONNECTIONS FOR SHOWER
 - ⑧ PROVIDE 2" WASTE, 1½"V RISE, ½"CW CONNECTION FOR DRINKING FOUNTAIN/EWC.
 - ⑨ PROVIDE DISHWASHER CONNECTION FOR SANITARY AND HOT WATER. PROVIDE STOP ON HOT WATER.





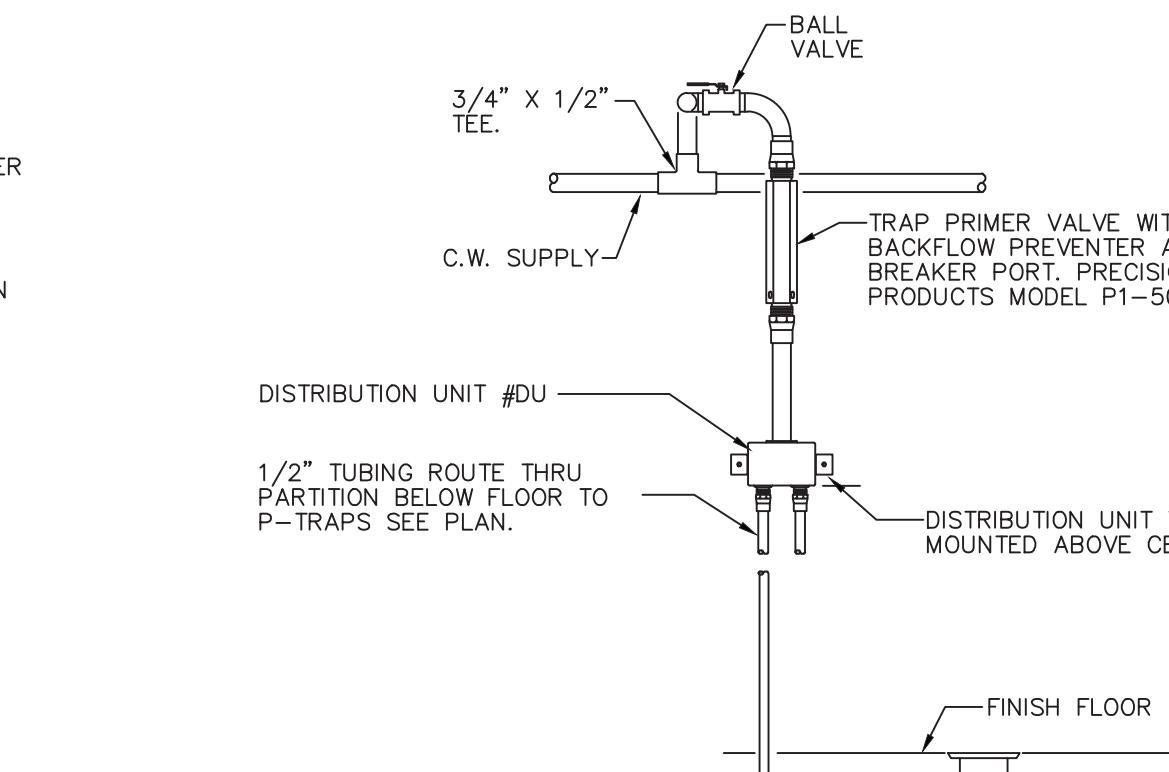
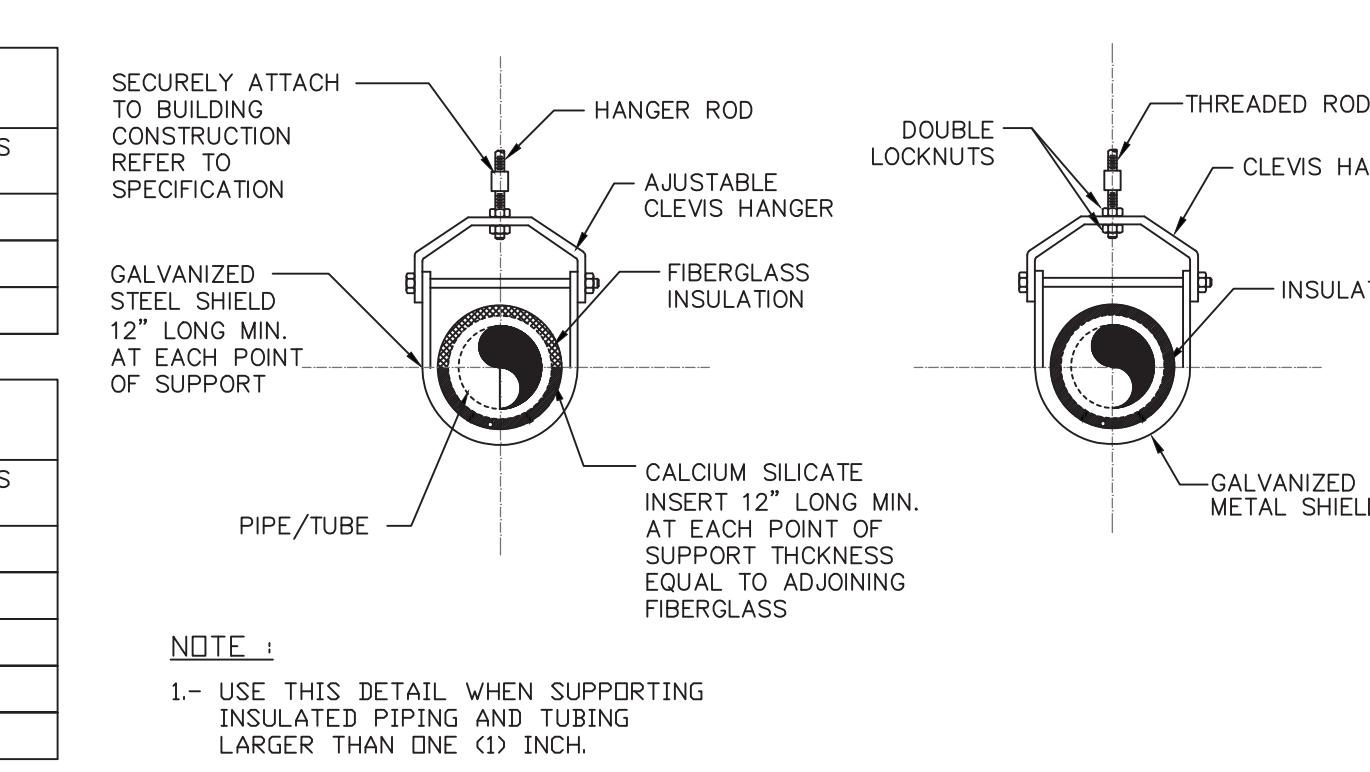
KEY PLAN
SCALE: N.T.S.
PROJECT NORTH
TRUE NORTH

PROVIDE ROUND SECURED NICKEL BRONZE ADJUSTABLE TOP WITH "CO" CAST IN COVER. PROVIDE CLEANOUT TOP WITH VARIATION SUITABLE FOR COATING (CAST MARKED "CO" ON THE SIDE). SEPARATE FOR UNFINISHED FLOORS. PROVIDE BRONZE PLUG IN CAST IRON BODY.

MEMBRANE CLAMP FLOOR SLAB ON GRADE
AS REQUIRED FOR DEPTH OF SEWER
HUB AND SPIGOT
CAST IRON PIPE
LONG SWEEP ELBOW AT END OR TURN OF RUN.
COMBINATION WY AND SANITARY STORM SEWER LINE
LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND WHERE SHOWN ON PLANS.
PROVIDE CLEANOUTS AS SPECIFIED ON PLANS.
LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND.
CONSULT LOCAL CODES FOR OTHER FCO REQUIREMENTS.

WITH INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH	SHIELD THICKNESS USSG
UP TO 3"	6"	18
4" TO 6"	8"	16
8" & LARGER	12"	16

WITHOUT INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH	SHIELD THICKNESS USSG
UP TO 3"	12"	18
4"	15"	16
5"	18"	16
6"	21"	16
8" & LARGER	24"	14



SYMBOL	Fixture/Item	Model	Valve/Faucet	Fixture Connections			Comments
				HOT WTR	COLD WTR	DRAIN	
WC-1	FLOOR MOUNTED BARRIER FREE WATER CLOSET	KOHLER HIGHCLIFF K-96057-0	SLOAN OPTIMA 11TESS-1.28-IQW-HW	-	1"	3"	2"
WC-2	STANDARD HEIGHT WATER CLOSET	KOHLER WELLWORTH K-3505 W/ K-4650-A SEAT	-	1/2"	3"	2"	
WC-3	FLOOR MOUNTED BARRIER FREE TANK TOILET	KOHLER MEMOIS STATELY K-6428, 1.28 GPF	-	1/2"	3"	2"	
UR	URINAL	KOHLER BARDON K-4991-ET-0	SLOAN OPTIMA 186 ESS-1.0-L/STOP-HW-XU	-	3/4"	2"	1 1/2"
CL-1	COUNTER-MOUNTED LAVATORY	KOHLER CAXTON K-2205 19-1/4" OVAL SINK	SLOAN OPTIMA ET-880 SMT-4-BOX-BDM-CP-10T-FCF-CTF-T028-A 1.5 GPM LAMINAR FLOW	1/2"	1/2"	1 1/2"	W/THERMOSTATIC MIXING VALVE & EFT-460-A STRAINER, REFER TO ARCH. FOR MOUNTING HTS.
CL-2	COUNTER UNDER SINK	KOHLER CAXTON K-2205 19-1/4" OVAL SINK	KOHLER PURIST K-14410-4 WIDESPREAD FAUCET	1/2"	1/2"	1 1/2"	PRODUCT IS THERMOSTATIC MIXING VALVE
PS	SINGLE COMPARTMENT UNDERMOUNT SS SINK	ELKAY LUHAD161655PD 5.5" DEEP BOWL	LK1000 SINGLE HANDLE 1.5 GPM SPRAY	1/2"	1/2"	1 1/2"	1 1/4"
PS-2	SINGLE COMPARTMENT UNDERMOUNT SS BAIN	ELKAY LUHAD161655PD SINK FACET W/PULL-DOWN SPRAY	ELKAY LKG40483 SINGLE HOLE FACET W/PULL-DOWN SPRAY	1/2"	1/2"	1 1/2"	1 1/4"
MS	MOP SINK	FLORESTONE MSR-24x24	SPEAKMAN MR371 WALL MOUNT & MR-370 HOSE & CLAMP	1/2"	1/2"	3"	1 1/2"
DF-1	BOTTLE FILLER	ELKAY SINGLE STATION WALL MTD. BARRIER FREE L7SWB3LP	-	-	1/2"	1 1/2"	1 1/4"
DF-2	SURFACE MOUNTED DRINKING FOUNTAIN	HAWS H1011.8 SS DUAL LEVEL ADA	-	-	1/2"	1 1/2"	1 1/4"
FD	FLOOR DRAIN	JR SMITH 2210 MEDIUM DUTY W/ SEDIMENT BUCKET	PRECISION PLUMBING PRODUCTS MODEL P1-500	-	1/2"	2"	1 1/2"
MFD	FLOOR DRAIN	JR SMITH 2210 MEDIUM DUTY W/ SEDIMENT BUCKET	PRECISION PLUMBING PRODUCTS MODEL P1-500	-	1/2"	3"	1 1/2"
SH	SHOWER VALVE AND TRIM KIT	KOHLER RITE-TEMP K-830-KSL WTH SERVICE STOPS	1/2" 1/2" 2" 1 1/2"	REFER TO NOTE 3.			
VB	RECESSED VALVE BOX	GUY GRAY BIM875	-	-	1/2"	-	-
IWH	INSTANT ELECTRIC WATER HEATER	CHROMEON SR-30L/120 120V, 3.60 KW	3/8" 3/8" -	-	-	-	

FLOOR CLEANOUT NTS

PROVIDE PVC BRANCH AND 45 DEGREE BEND WITH SCREWLESS COUNTER-SUNK ABS PLASTIC PLUG; TAPERED-HEAD WITH THE CONCEALED.

WHERE CLEANOUT TEE IS CONCEALED IN A CHASE OR PARTITION, PROVIDE 1/2" 304 GAUGE STAINLESS STEEL COVER WITH BEVELLED EDGE AND HEAD MACHINE SCREWS.

CONCRETE FLOOR SLAB.

REFER TO PLUMBING FIXTURE SCHEDULE FOR FURTHER INFORMATION.

WALL CLEANOUT NTS

PROVIDE WCO WHERE SHOWN ON PLAN, AND ON SANITARY BRANCHES NOT SERVED WITH A FLOOR CLEANOUT.

LOCATE ABOVE FIXTURE FLOOR RIM WITHIN 4' OF FLOOR. CONSULT LOCAL CODES FOR OTHER WCO REQUIREMENTS.

NOTE: THIS SECTION APPLIES TO ALL FLOOR CLEANOUTS.

NOT: 1. T & P RELIEF VALVE PIPING SHALL BE ROUTED TO INDIRECT WASTE. PROVIDE AIR GAP NOT LESS THAN TWICE THE DIAMETER OF DRAIN SERVED.

NOT: 2. T & P RELIEF VALVE PIPING SHALL BE ROUTED TO INDIRECT WASTE. PROVIDE AIR GAP NOT LESS THAN TWICE THE DIAMETER OF DRAIN SERVED.

NOT: 3. T & P RELIEF VALVE PIPING SHALL BE ROUTED TO UTILITY SINK.

NOT: 4. T & P RELIEF VALVE PIPING SHALL BE ROUTED TO UTILITY SINK.

NOT: 5. T & P RELIEF VALVE PIPING SHALL BE ROUTED TO UTILITY SINK.

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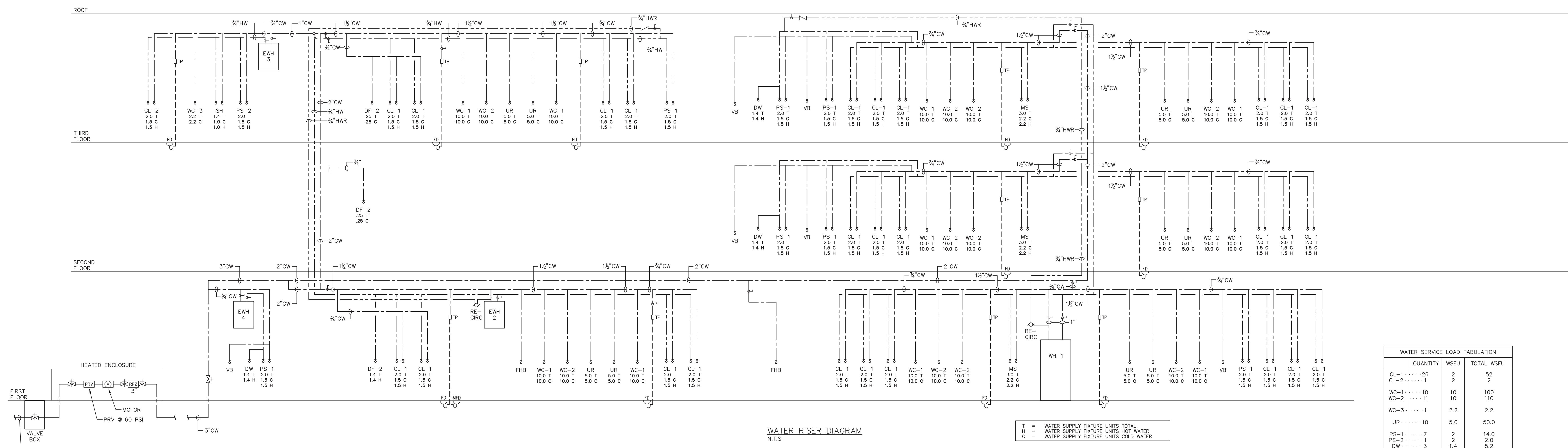
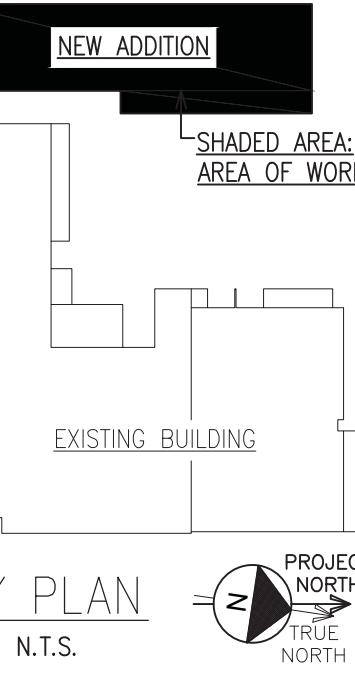
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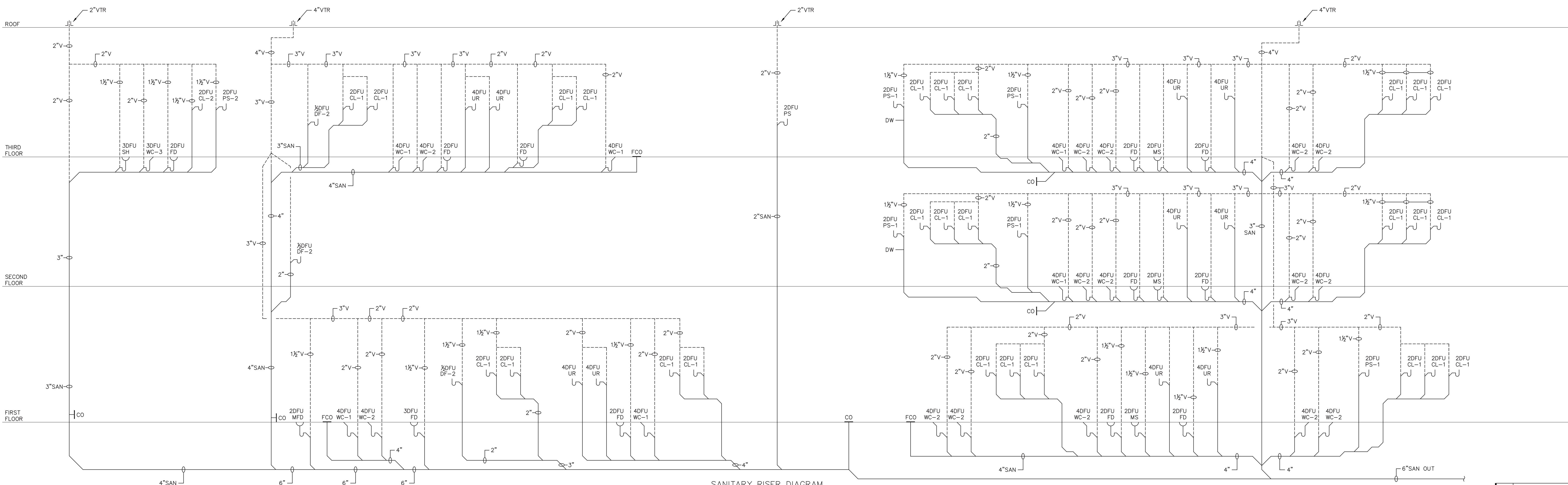
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WATER SERVICE LOAD TABULATION		
	QUANTITY	WSFU
CL-1	26	2
CL-2	1	2
WC-1	10	10
WC-2	11	10
WC-3	1	2.2
UR	10	5.0
PS-1	7	2
PS-2	1	2
DW	3	1.4
MS	3	3
DF-1	3	.25
TOTAL:	348	WSFU
WITH MOSTLY FLUSH VALVES = 118 GPM		
AT 60PSI, 400FT LENGTH = 3" SERVICE		



SNS ARCHITECTS & ENGINEERS
tel: 201.573.1767
fax: 201.573.0508

ENGINEERING REVIEW
APPROVED
DEPT. SIGNATURE DATE

SVOC NEW OFFICE ADDITION
TAX ID # 56-52-1-2
300 W. MAIN ST.
VILLAGE OF SPRING VALLEY
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

NEW BUILDING - PLUMBING RISER DIAGRAMS	
1 ISSUED FOR BUILDING DEPARTMENT FILING & BIDDING	04-28-2025
DRAFTED: MJR	METERING
CHECKED: —	RELAY
PROJ. NO: 5593	TRANS. SUB.
DATE: 08.11.2024	CONSTRUCTION
DESIGN REVIEW	SCALE
FILE NO.	DRAWING NUMBER
AS NOTED	86 OF 95
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