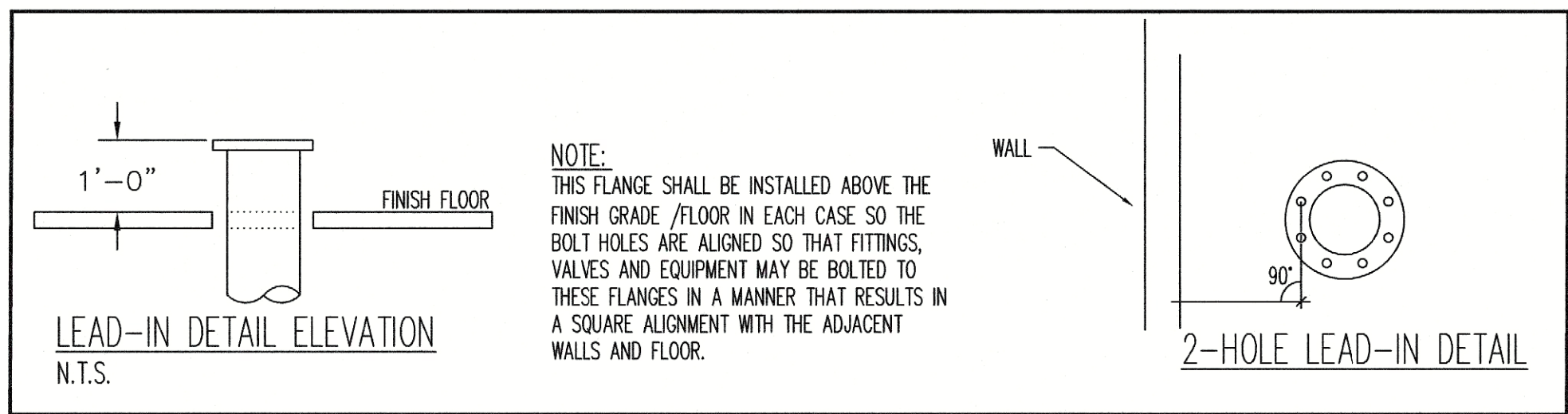
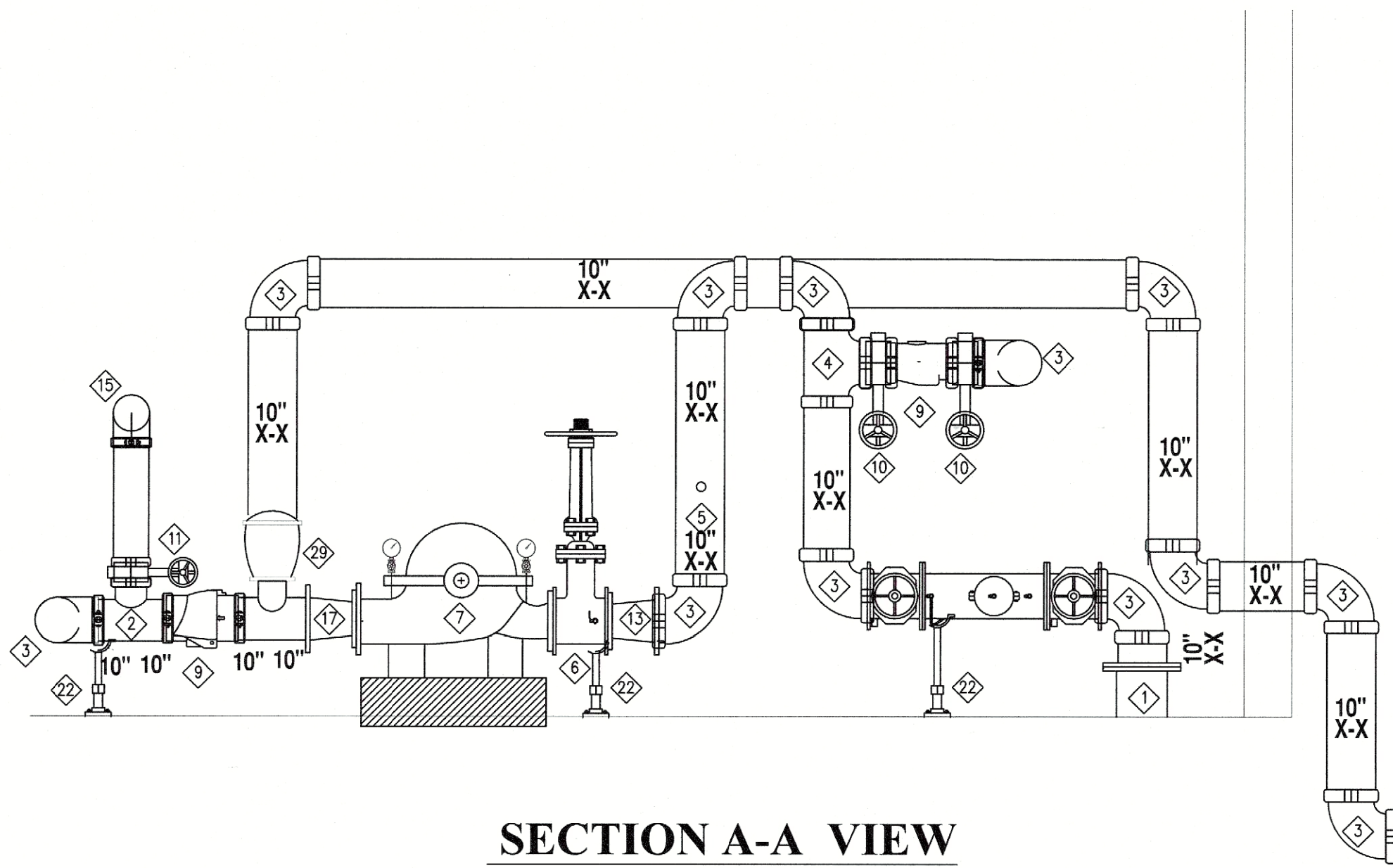


1	10" FROM CITY TAP (BY OTHERS)	18	4" GRV OUTLET FOR FIRE DEPARTMENT CONNECTION
2	8" GRV OUTLET	19	4" RELIABLE G CHECK VALVE
3	10" VICTAULIC FIRELOCK 90° ELBOW	20	FIRE DEPARTMENT CONNECTION
4	10" VICTAULIC FIRELOCK TEE	21	1" THD OUTLET FOR BALL DRIP
5	1¼" GRV OUTLET FOR JOCKEY PUMP SUCTION	22	PIPE STANDS
6	10" GRV X FLG VICTAULIC 771F OS&Y W/ TAMPER	23	FLOOR DRAIN (COORDINATED W/ GC)
7	PATTERSON MODEL 8X9 YS 2000 GPM @ 120 GPM PLD DIESEL PUMP	24	JOCKEY PUMP
8	4" VICTAULIC FIRELOCK 90° ELBOW	25	FIRE PUMP CONTROLLER
9	10" RELIABLE G CHECK VALVE	26	JOCKEY PUMP CONTROL PANEL
10	10" VICTAULIC 705 BUTTERFLY VALVE W/ TAMPER	27	(4) ESFR HEAD STORAGE BOXES (MOUNTED ON WALL)
11	8" VICTAULIC NORMALLY CLOSED 707C BUTTERFLY VALVE W/ TAMPER	28	6" EXHAUST
12	8" GRV TEST HEADER W/ (6) 2½" GRV OUTLETS FOR GRV HOSE VALVES	29	6" CLA-VAL 2050B-4KG1 ANGLED PRESSURE RELIEF VALVE
13	10" x 8" FLANGED CONCENTRIC REDUCER	30	6x10 CLA-VAL WASTE CONE
14	DIESEL FUEL TANK	31	6" GLOBE UMC
		32	NA
		33	6" FLANGED 90
15	8" VICTAULIC FIRELOCK 90° ELBOW	34	WILKINS MODEL 475ST 10" REDUCED PRESSURE BACKFLOW
16	1¼" GRV OUTLET JOCKEY PUMP DISCHARGE	35	6" GROOVED OUTLET
17	10X6 REDUCER	36	6" VICTAULIC UMC WITH BUTTERFLY AND TRIM

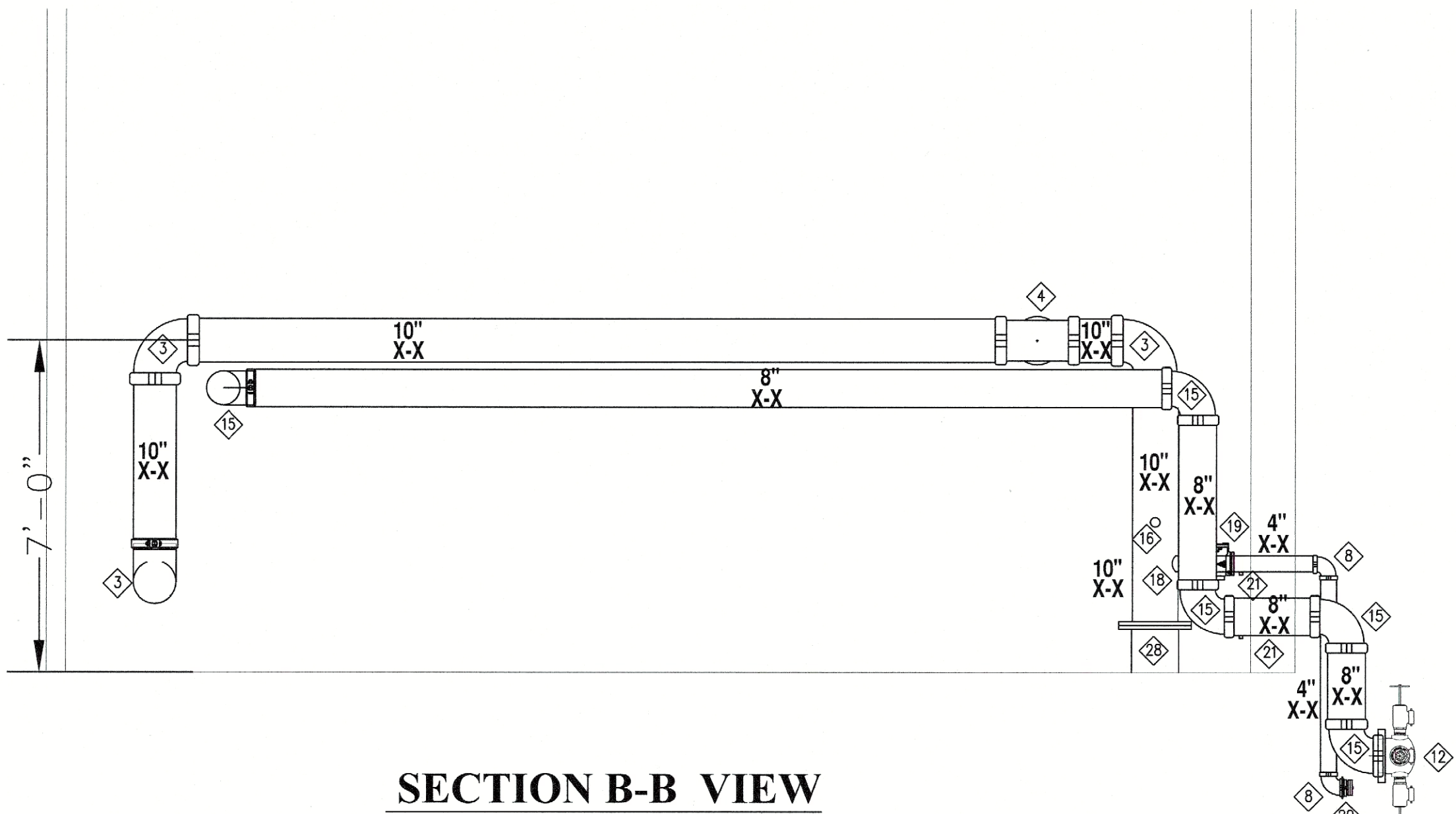
4	1/4" 3 WAY VALVES
4	1/4" x 0-2" NIPPLES
4	WATER GAUGES
4	1/4" PLUGS
6	3/8" CEILING FLANGE
1	2 OZ CANS PASTE (FLUX)
1	SOLDER 50/50
1	EMERY PAPER - 5"
1	1/2" COPPER CLEANING BRUSH
6	3/4" HDI
6	3/4" x 12" PLATED STUDS
12	3/4" NUTS
12	3/4" WASHERS



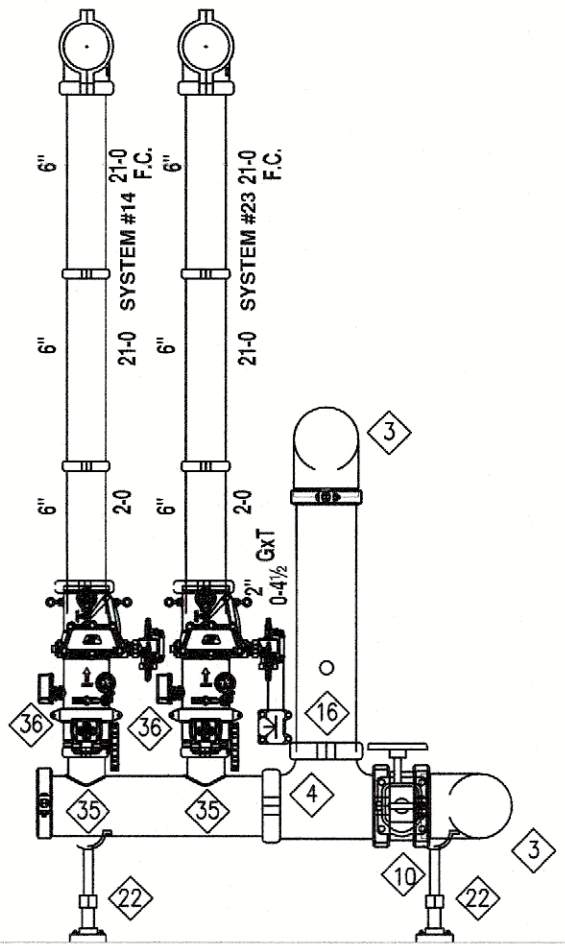
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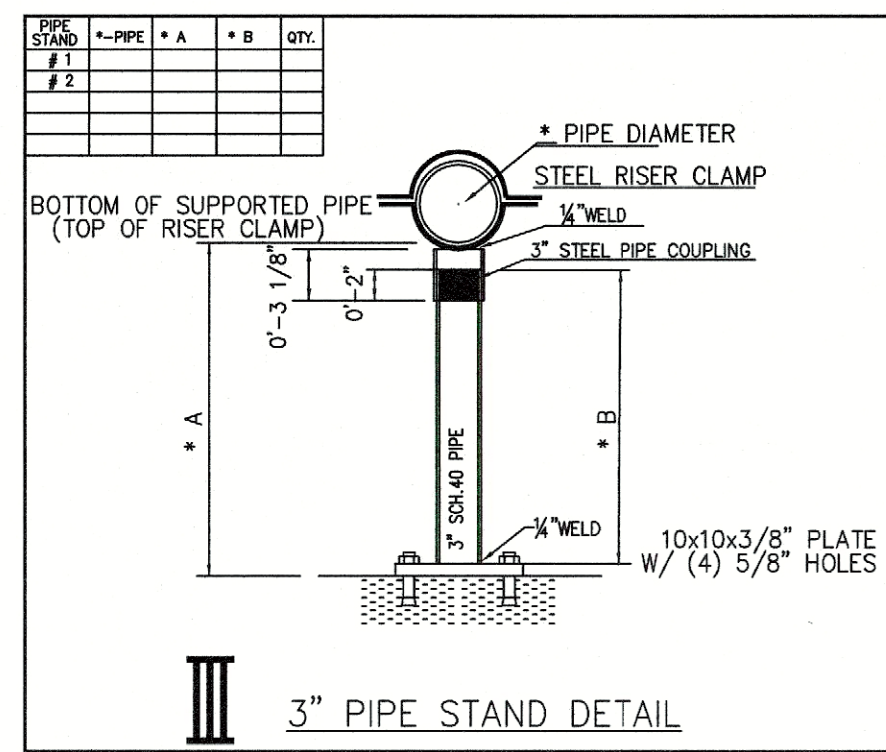
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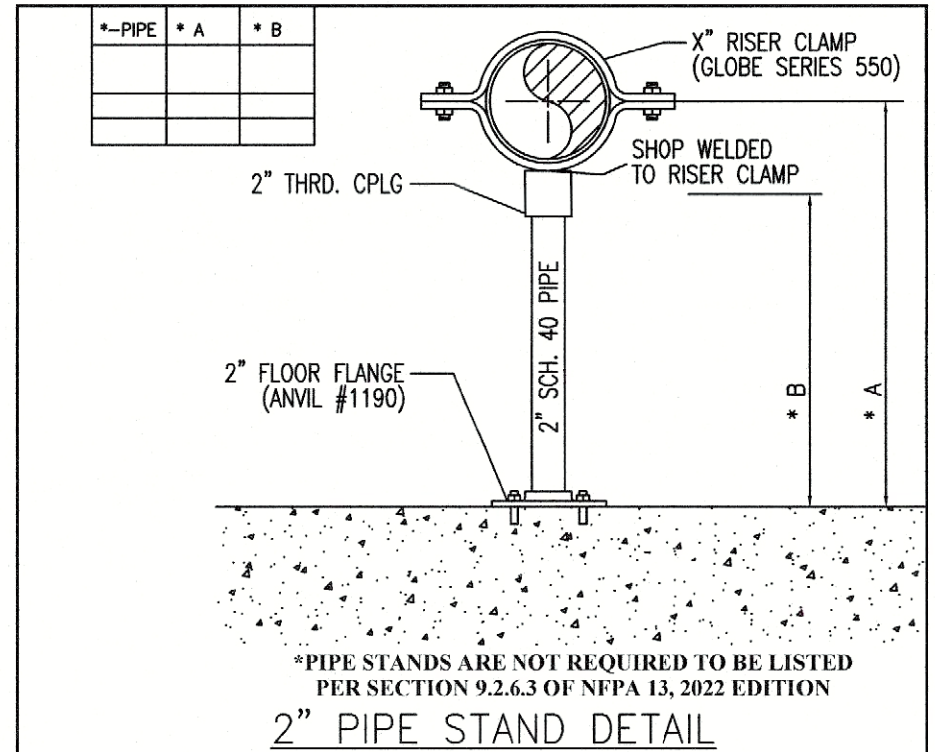
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SCALE = 3/8" = 1'-0"



JOCKEY PUMP STOP @ 170 PSI
JOCKEY PUMP START @ 160 PSI
FIRE PUMP START @ 155 PSI
FIRE PUMP PLD @ 170 PSI



	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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HYDROSTATIC TEST TO BE CONDUCTED AT 225 PSI

STANDARD DRAWING SYMBOLS		TYPICAL HANGER ASSEMBLIES BY NUMBER	
	DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR		01A TOP BEAM CLAMP (TBC)
	DENOTES CENTERLINE OF PIPE BELOW TOP OF STEEL		02A MIDDLE WIDTH TOP BEAM CLAMP (MWTBC)
	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM		03A INVERTED TOP BEAM CLAMP (ITBC)
	DENOTES CENTERLINE OF PIPE BELOW THE CEILING		04A C-CLIP HANGER
	DENOTES HANGER		05A TBC W/ ELECTRIC VALVE
	DENOTES HANGER ROD LENGTH		06A TBC W/ 8' RETAINING STRAP
	DENOTES CEILING HANGER		07A ELECTRIC BELL
	DENOTES GALVNEAL CALC. REF. POINT		08A RISER
	DENOTES GROOVE COUPLING		09A FLOW SWITCH
	DENOTES GROOVE CHECK VALVE		10A SAFETY DRAIN
	DENOTES FIRE HOSE VALVE CABINET		11A PRESSURE GAUGE
	DENOTES HYDRAULIC DATA STICKER		

FIRE PROTECTION SPECIFICATIONS	
1. DO NOT SCALE DRAWING(S).	6. THE OWNER SHALL PROVIDE A MINIMUM OF 40' F TO PREVENT SPRINKLER PIPE FROM FREEZING.
2. ALL PIPE NOTED AS: GO=GOUGHED END TO CENTER, GG = GROUVED END TO GROUDED END, INDICATES ACTUAL PIPE "CUT" LENGTHS. (U.O.N.)	7. CONTRACTOR SHALL PROVIDE THE OWNER, INSURANCE CO., & THE PROPER CITY OFFICIALS WITH COPIES OF THE MATERIAL & TEST CERTIFICATES.
3. DESIGN, INSTALLATION & MATERIALS TO BE PER N.F.P.A. #201 2016	8. ALL FLOW AND TAMPERS SHALL BE SUPERVISED IN ACCORDANCE WITH NFA 72. THIS WORK IS TO BE DONE BY OTHERS AND IS NOT PART OF A COMUNALE CONTRACT.
4. HANGERS & ATTACHMENTS TO BE U.L. LISTED & SPACING PER N.F.P.A. #201 2016	
5. ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	

MATERIAL SPECIFICATIONS						
Notes:	Pipe is	GRID/GRID	MAIN	MAIN	SUPPLY THE FOLLOWING	Y/N
Sch	40	AS3	00	MAIN	LINE	
Sch 40	Black				Smooth-Cooper Domestic	N
Sch 40	Black				Smooth-Cooper Fittings	N
Sch 40	Thinwall				Smith-Cooper Coopers	N
Sch 7			X		Firelock Fittings	Y
Sch 40	Galvanized				Firelock Couplings	Y
Sch 40	Galvanized				Standard Vt Central Pipes	Y
Weld-0-Lets	Drift				Head Wrenches	Y
Sch 40	Let's Grv	X			Space Head Cabinet	Y
Weld	0-Lets	Drift			Top Beam Clamps	Y
Cast Iron	on Fittings				Concrete Inserts	N
Galvanized	Fittings				Sanny Sorens	N
Maleable	Pipes 150'				Pipe/Strut/Angle Iron	N
Maleable	Pipes 300'				Can Beads be any brand?	Y
Cpvc					Fit Fittings	N
Number of Welds					Angers Cut Length	N
Center to Center					Hangers Center to Center	N
Center to Center	X	X			PM Hangers Material Only	N

[illegible][illegible]

DATE 01.11.24 SCALE 3/

S.A. COMUNALE Co. Inc.
FIRE PROTECTION CONTRACTORS

9900 NEWPARK DR BARBERTON, OHIO 44203 330-706-3040 FAX: 330-861-0866
CLEVELAND: 440-684-9325 COLUMBUS: 614-291-7001 CINCINNATI: 513-874-4266
FREMONT: 419-334-3841 PHILADELPHIA, PA: 856-848-4666 YOUNGSTOWN: 330-856-4444
MARION 740-383-6789 WASHINGTON, DC 410-768-1931 READING, PA: 610-670-3944

NY154 BROOKFIELD SUFFERN- BUILDING 1
25 OLD MILL, ROAD SUFFERN, NY 20901

PUMP ROOM				
DATE	01.11.24	SCALE	3/32" = 1'-0"	DWG. NO.
		DRAWN	SARAH CAREW	JOB NO.
				51718093
				3 OF 18