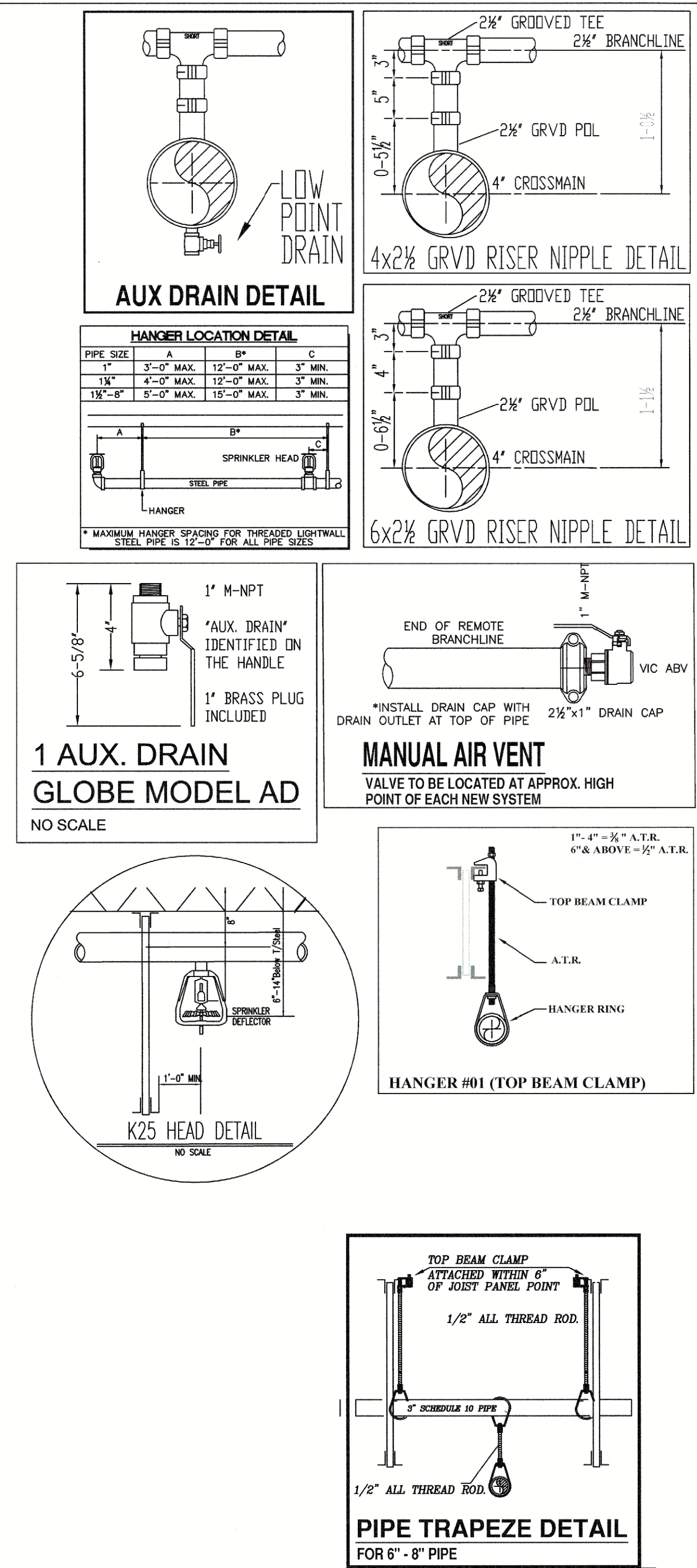


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ALL BAY DOORS ARE VERTICAL LIFT AND DO NOT REQUIRE
ADDITIONAL HEADS

STANDARD DRAWING SYMBOLS		TYPICAL HANGER ASSEMBLIES BY NUMBER	
D-0	DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR	01	TOP BEAM CLAMP (TBC)
D-1	DENOTES CENTERLINE OF PIPE BELOW TOP OF STEEL	02	WIDE MOUTH TOP BEAM CLAMP
D-2	DENOTES CENTERLINE OF PIPE CENTERLINE OF BEAM BOTTOM JOINT	03	INTERMIXED TOP BEAM CLAMP
D-3	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM	04	INTERMIXED WIDE MOUTH TBC
D-4	DENOTES CENTERLINE OF PIPE BELOW THE CEILING	05	TBC w/CLIPS RING
H	DENOTES HANGER	06	TBC w/ 6" RETAINING STRAP
H-1	DENOTES HANGER ROD LENGTH	07	TBC w/ 6" RETAINING STRAP
H-2	DENOTES CEILING HEIGHT	08	ROD END
H-3	HYDRAULIC CASK REF. POINT	09	ROD END, NUTS & WASHER
G	GROOVE COUPLING	10	CLIPS HANGERS / HANGER
G-1	GROOVE CHECK VA.	11	STROUT NUT, ROD & RING
G-2	ROD END, W/SLIP VALVE, BACKSTICK	12	SLIP RING
G-3	HYDRAULIC DATA CATER	13	U-BLOCK HANGER
		14	STROUT NUT, ROD & RING
		15	CLIPS HANGERS / HANGER
		16	SANKEY/BLISS ROD IN ANCHOR
		17	WIDE MOUTH TOP BEAM CLAMP
		18	SANKEY STRUT-516 STRAIGHT LIGHT WEIGHT STEEL
		19	SANKEY STRUT-516 SIDE, HEAVY WEIGHT STEEL

1. DO NOT SCALE DRAWING(S).
2. ALL PIPE NOTED AS: GO-GROOVED END TO CENTER, GG = GROOVED END TO GROOVED END, INDICATES ACTIVE PIPE "CUT" LENGTHS. (U.O.N.)
3. DESIGN, INSTALLATION & MATERIALS TO BE PER N.E.P.A. #13 2016
4. HANGERS & ATTACHMENTS TO BE U.L. LISTED & SPACING PER N.E.P.A. #13 2016
5. ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.
6. THE OWNER SHALL PROVIDE A MINIMUM OF 40' F TO PREVENT SPRINKLER PIPE FROM FREEZING.
7. CONTRACTOR SHALL PROVIDE THE OWNER, INSURANCE CO., & THE PROPER CITY OFFICIALS WITH COPIES OF THE MATERIAL & TEST CERTIFICATES.
8. ALL FLOW AND TEMPS SHALL BE DEPENDENT IN ACCORDANCE WITH NFPA 722. THIS WORK IS TO BE DONE BY OTHERS AND IS NOT PART OF A COMBUSTANT CONTRACT.

Note #1	Pipe	GRID/GRID	MAIN/LINE	MAIN/LINES	SUPPLY THE FOLLOWING	Yes/No
Sec 4	A55				American Made (Domestic)	Y
Sec 4	A55				Smith-Cook Couplings	Y
Sec 10	Thinwall	X	X		Smith-Cook Couplings	Y
Sec 4	Galvanized				Firelock Fittings	Y
Sec 7					Firelock Couplings	Y
Sec 10	Galvanized				Standard Vic/Central Pigs	Y
Well 0	-Lets Third				Head Wrenches	Y
Well 0	-Lets Third				Spare Head Cabinet	Y
Well 0	-Lets Buff				Top Beam Cables	Y
Cast Iron	Fittings				Concrete Inserts	Y
Galvanized					Sawmy Screws	Y
Maleable Pipe 150'					Pipe/Strut/Angle Iron	N
Maleable Pipe 300'					Can Handles be any brand?	N
Number of Welds					PI Fittings	N
Cut Length					Hangers Cut Length	N
Center					PM Approved Material Only	N
Center	X	X				

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SIGNATURE:_____

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CLEVELAND: 440-684-9325 COLUMBUS: 614-291-7001 CINCINNATI: 513-874-4286
FREMONT: 419-334-3641 PHILADELPHIA, PA: 856-848-4666 YOUNGSTOWN: 330-856-4444
MARION 740-383-6789 WASHINGTON, DC 410-768-1931 READING, PA: 610-670-3966

NY154 BROOKFIELD SUFFERN- BUILDING 1

25 OLD MILL, ROAD SUFFERN, NY 2090.

ESFR SYSTEMS 7 AND 8

SARAH CAREW

JOB NO. 51718093	DWG. NO. 7 OF 18
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