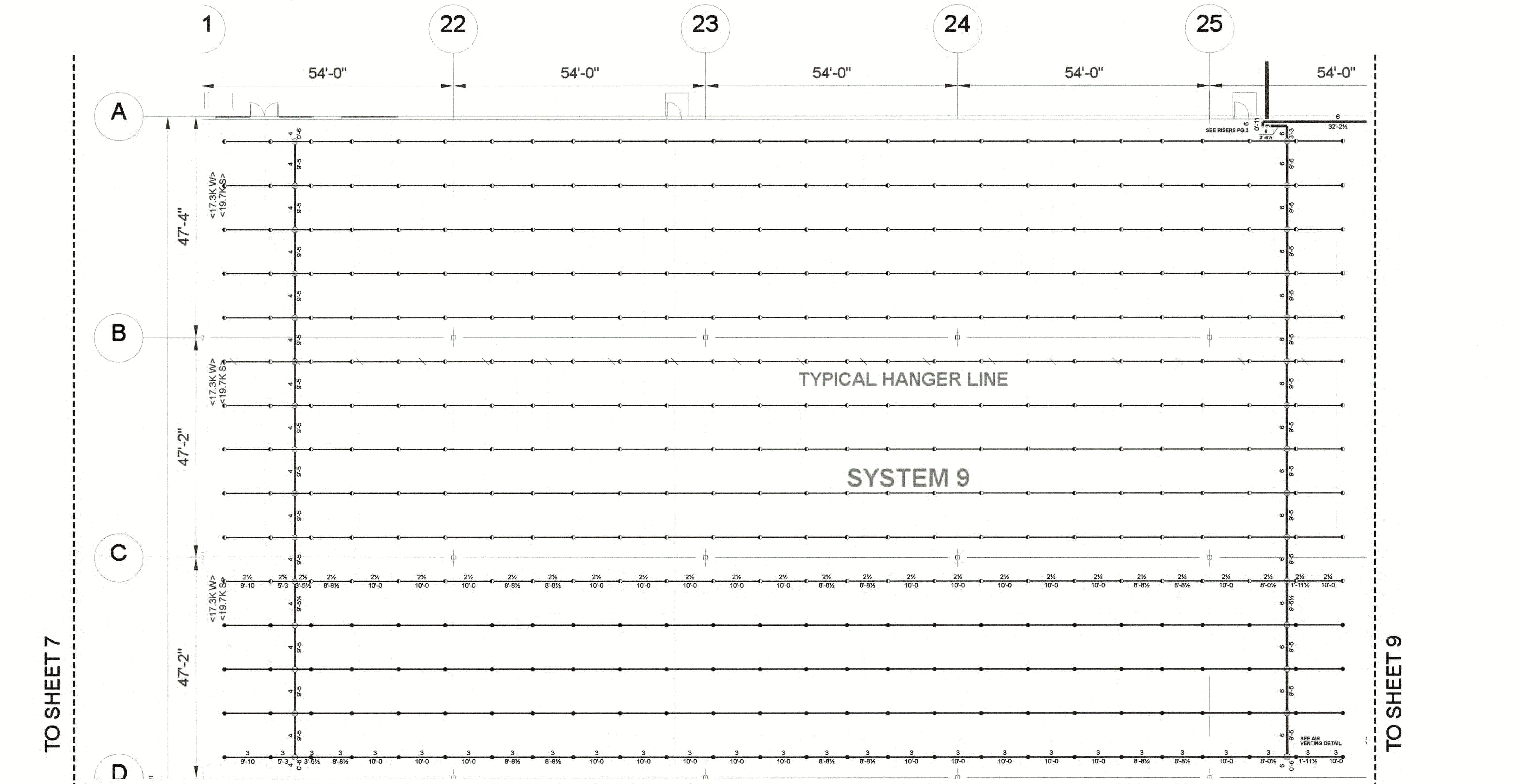




TO SHEET 16

SYSTEM 9 FP PLAN
3/32 = 1'-0"

HP: 45'-6"
LP: 42'-2 1/2"

TO SHEET 17

NOTE:
2 1/2" & 3" BRANCH LINES AT 0'-8" BELOW TOP OF STEEL U.N.O.
4" MAINS AT 1'-7 1/2" BELOW TOP OF STEEL U.N.O.
6" MAINS AT 1'-8 1/2" BELOW TOP OF STEEL U.N.O.
8" MAINS AT 1'-8 1/2" BELOW TOP OF STEEL U.N.O.

NOTE:
**SYSTEM 9 PIPE SIZES BASED OFF SYSTEM
3 HYDRAULIC CALCULATIONS.**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
SYSTEM 1 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 2 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 3 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 4 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 5 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 6 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 7 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 8 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 9 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 10 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 11 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 12 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 13 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 14 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 15 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 16 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 17 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 18 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 19 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 20 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 21 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 22 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 23 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 24 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 25 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 26 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 27 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 28 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 29 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 30 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 31 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 32 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 33 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 34 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 35 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 36 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 37 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 38 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 39 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.	SYSTEM 40 K22-288 K22-100 GRID 64425 AREA: 10.88 SQ.FT.

KEY PLAN
NO SCALE

NOTE:
**GARAGE DOORS ARE VERTICAL LIFT AND
DO NOT REQUIRE SPRINKLER**

3 11 0 6 12
SCALE 3/32"=1'-0"

**SEISMIC DESIGN CATEGORY 'B'
SEISMIC BRACING NOT REQUIRED**

USE GROUP: S-1, B
CONSTRUCTION TYPE: 2B
AREA OF WORK: 300,943 SQ.FT.

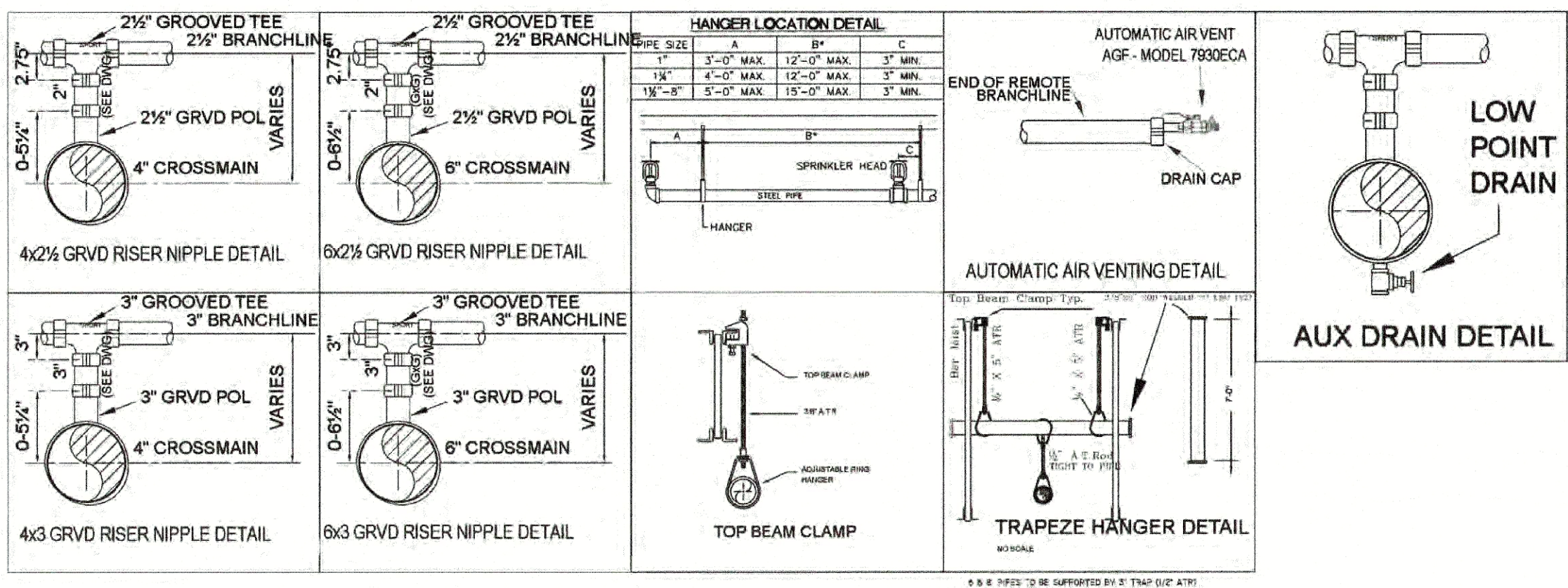
PROJECT NAME:
LINCOLN EQUITIES
PROJECT LOCATION:
BREWSTER, NY
JOSEPH R. FOWLER IV
PROFESSIONAL ENGINEER
NY PE LIC # 087280
DATE SIGNED: 02/18/22

S.A. COMUNALE CO. INC.
FIRE PROTECTION CONTRACTORS

2900 NEWPARK DR. BARBERTON, OHIO 44203 330-708-3040 FAX: 330-861-0860
CLEVELAND: 440-864-6925 COLUMBUS: 614-291-7001 CINCINNATI: 513-674-4288
FREMONT: 415-324-3841 PHILADELPHIA: 215-566-6466 WASHINGTON: 202-556-4440
MARION: 740-383-6789 WASHINGTON, DC 410-788-1931 READING, PA: 610-670-3960

LINCOLN EQUITIES SOUTHEAST
NY312 & PUGSLEY RD, BREWSTER, NY 10509

BUILDING B SYSTEM 9 FIRE PROTECTION PLAN
DATE: 8.23.23 SCALE: AS NOTED DRAWN BY: JUSTIN BOUGHNER JOB #: 50531092 DWG #: 8 OF 20



STANDARD DRAWING SYMBOLS	TYPICAL HANGER ASSEMBLIES BY NUMBER
1. DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR.	01. TOP BEAM CLAMP (TBC)
2. DENOTES CENTERLINE OF PIPE BELOW TOP OF STEEL.	02. 1/4\"/>
3. DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF JOIST.	03. SAMMY G8T-20 STRAIGHT WOOD
4. DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM.	04. SAMMY SWG-20 SIDE WOOD
5. DENOTES CENTERLINE OF PIPE BELOW THE CEILING.	05. INVERTED WIDE MOUTH TBC
6. DENOTES HANGER ROD LENGTH.	06. 1/4\"/>
7. DENOTES CEILING HEIGHT.	07. 1/4\"/>
8. HYDRAULIC CALC. REF. POINT	08. 1/4\"/>
9. GROOVE COUPLING	09. 1/4\"/>
10. GROOVE CHECK VA.	10. 1/4\"/>
11. FIRE HOSE VALVE	11. 1/4\"/>
12. ELECTRIC BELL	12. 1/4\"/>
13. FLOW SWITCH	13. 1/4\"/>
14. FIRE DEPT. CONN.	14. 1/4\"/>
15. FIRE HOSE VALVE CABINET	15. 1/4\"/>
16. HYDRAULIC DATA STICKER	16. 1/4\"/>

FIRE PROTECTION SPECIFICATIONS	MATERIAL SPECIFICATIONS
1. DO NOT SCALE DRAWINGS.	1. ALL PIPE SHALL BE GALVANIZED.
2. ALL PIPE SHALL BE GALVANIZED.	2. ALL PIPE SHALL BE GALVANIZED.
3. DESIGN, INSTALLATION & MATERIALS TO BE PER NFPA #13, 2013.	3. DESIGN, INSTALLATION & MATERIALS TO BE PER NFPA #13, 2013.
4. HANGERS AND ATTACHMENTS TO BE UL LISTED AND SPACED PER NFPA #13, 2013.	4. HANGERS AND ATTACHMENTS TO BE UL LISTED AND SPACED PER NFPA #13, 2013.
5. ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	5. ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.

REVISIONS	SPRINKLER LEGEND
1. PER GC REVIEW/REVISED LEAD-INS	1. TYCO ESFR-25 BRASS PENDANT
2. PER LARGER TANK	2. RELIABLE P22 ESFR BRASS PENDANTS
3. PER GHD REVIEW	
4. PER SCH 10 UPGRADE	

SYMBOL	QTY.	DESCRIPTION	SIN#	THD	K	TEMP
104	104	TYCO ESFR-25 BRASS PENDANT	TY9226	1"	25.2165"	
286	286	RELIABLE P22 ESFR BRASS PENDANTS	R601	1"	22.4165"	