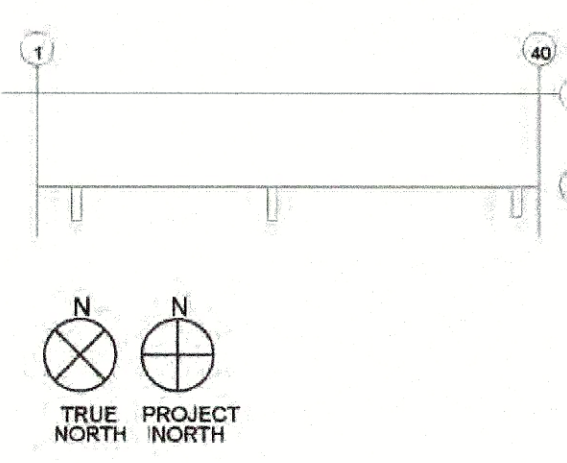


SEAL

JOSEPH V. DIGIORGIO | NY: 042948

KEY PLAN



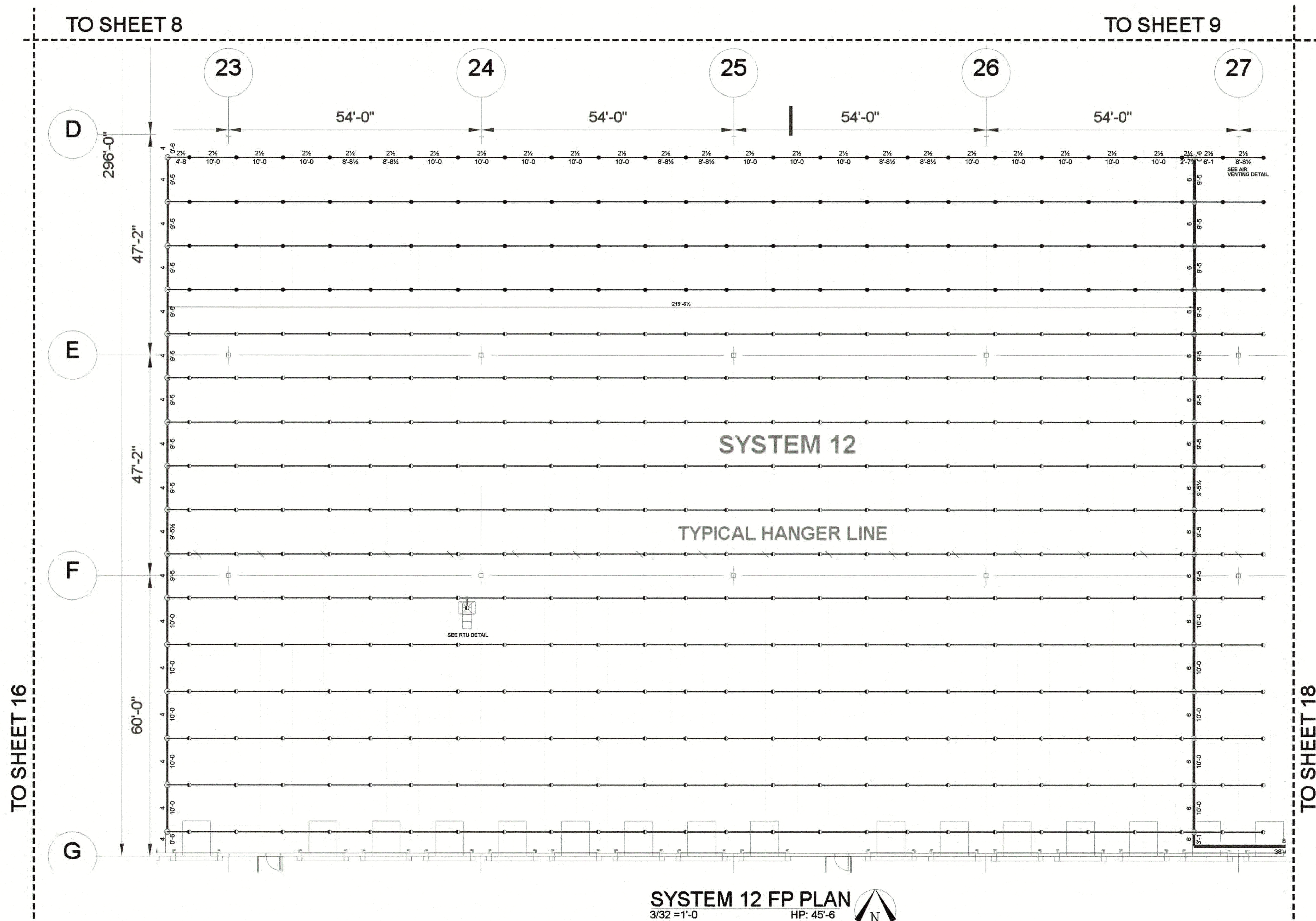
SUBMITTALS
NO DATE DESCRIPTION
0 02.18.2022 ISSUE FOR PERMIT

PROJECT NO.
AS288-21 | NY131

DRAWN BY
JB

SHEET TITLE
**BUILDING B SYSTEM
12 FIRE PROTECTION
PLAN**

SHEET NO.



SYSTEM 12 FP PLAN
3/32 = 1'-0
HP: 45'-6
LP: 42'-2 1/2

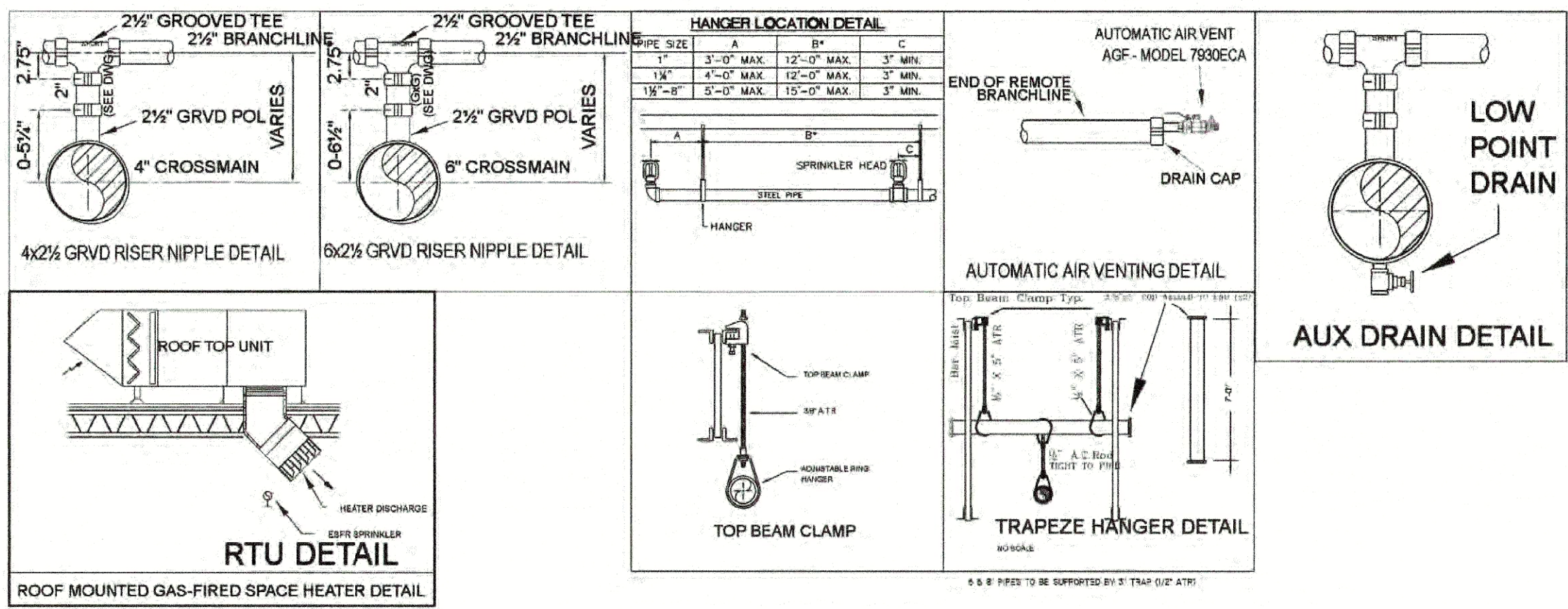
NOTE:
2 1/2" BRANCH LINES AT 0'8" BELOW TOP OF STEEL U.N.O.
4" MAINS AT 1'-7 1/2" BELOW TOP OF STEEL U.N.O.
6" MAINS AT 1'-8 1/2" BELOW TOP OF STEEL U.N.O.
8" MAINS AT 1'-8 1/2" BELOW TOP OF STEEL U.N.O.

NOTE:
**SYSTEM 12 PIPE SIZES BASED OFF
SYSTEM 4 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 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 2 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 3 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 4 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 5 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 6 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 7 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 8 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 9 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 10 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 11 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 12 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 13 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 14 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 15 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 16 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 17 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 18 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 19 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 20 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 21 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 22 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 23 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 24 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 25 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 26 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 27 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 28 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 29 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 30 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 31 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 32 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 33 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 34 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 35 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 36 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 37 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 38 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 39 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.	SYSTEM 40 K22 300 K22 180 K22 150 ORD 64421 AREA: 30.89 SQ. FT.

KEY PLAN
NO SCALE

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



STANDARD DRAWING SYMBOLS	TYPICAL HANGER ASSEMBLIES BY NUMBER
01 DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR.	01 TOP BEAM CLAMP (TBC)
02 DENOTES CENTERLINE OF PIPE BELOW TOP OF STEEL.	02A SAMMY SWC-20 SIDE CONCRETE
03 DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF JOIST.	03 SAMMY GST-20 STRAIGHT WOOD
04 DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM.	04A SAMMY SWC-20 SIDE WOOD
05 DENOTES CENTERLINE OF PIPE BELOW THE CEILING.	05A SAMMY SWC-20 SIDE WOOD
06 DENOTES HANGER	06A SAMMY SWC-20 SIDE WOOD
07 DENOTES HANGER ROD LENGTH	07A SAMMY SWC-20 SIDE WOOD
08 DENOTES CEILING HEIGHT	08A SAMMY SWC-20 SIDE WOOD
09 HYDRAULIC CALC. REF. POINT	09A SAMMY SWC-20 SIDE WOOD
10 GROOVE COUPLING	10A SAMMY SWC-20 SIDE WOOD
11 GROOVE CHECK VA	11A SAMMY SWC-20 SIDE WOOD
12 FIRE ROSE VALVE	12A SAMMY SWC-20 SIDE WOOD
13 ELECTRIC BELL	13A SAMMY SWC-20 SIDE WOOD
14 FLOW SWITCH	14A SAMMY SWC-20 SIDE WOOD
15 FIRE DEPT. CONN.	15A SAMMY SWC-20 SIDE WOOD
16 FIRE ROSE VALVE CABINET	16A SAMMY SWC-20 SIDE WOOD
17 HYDRAULIC DATA STICKER	17A SAMMY SWC-20 SIDE WOOD
18 PRESSURE GAUGE	18A SAMMY SWC-20 SIDE WOOD

FIRE PROTECTION SPECIFICATIONS
1. DO NOT SCALE DRAWINGS.
2. ALL PIPE AS SHOWN TO CENTER UNLESS OTHERWISE NOTED.
3. DESIGN, INSTALLATION & MATERIALS TO BE 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.
6. CONTRACTOR SHALL PROVIDE THE OWNER INSURANCE COMPANY & THE PROPER CITY OFFICIALS WITH COPIES OF THE MATERIAL AND TEST CERTIFICATES.
7. ALL FLOW AND TAMPER SWITCHED SHALL BE SUPERVISED IN ACCORDANCE WITH NFPA 72. THIS WORK TO BE DONE BY OTHERS AND IS NOT PART OF S. A. COMUNALE CONTRACT.

REVISIONS
1. PER GC REVIEW/REVISED LEAD-INS
2. PER LARGER TANK
3. PER GHQ REVIEW
4. PER SCH 10 UPGRADE

SPRINKLER LEGEND
TYCO ESFR-25 BRASS PENDANT
RELIABLE P22 ESFR BRASS PENDANTS

S.A. COMUNALE CO. INC.
FIRE PROTECTION CONTRACTORS
2900 NEWPARK DR BARBERTON, OHIO 44203 330-708-3040 FAX: 330-881-0860
CLEVELAND: 440-884-9325 COLUMBUS: 614-291-7001 CINCINNATI: 513-874-4268
FREMONT: 415-334-3841 PHILADELPHIA: 765-346-4669 PUNJAB: 330-855-4446
MARION: 740-383-6789 WASHINGTON, DC 410-768-1931 READING, PA: 610-670-3960