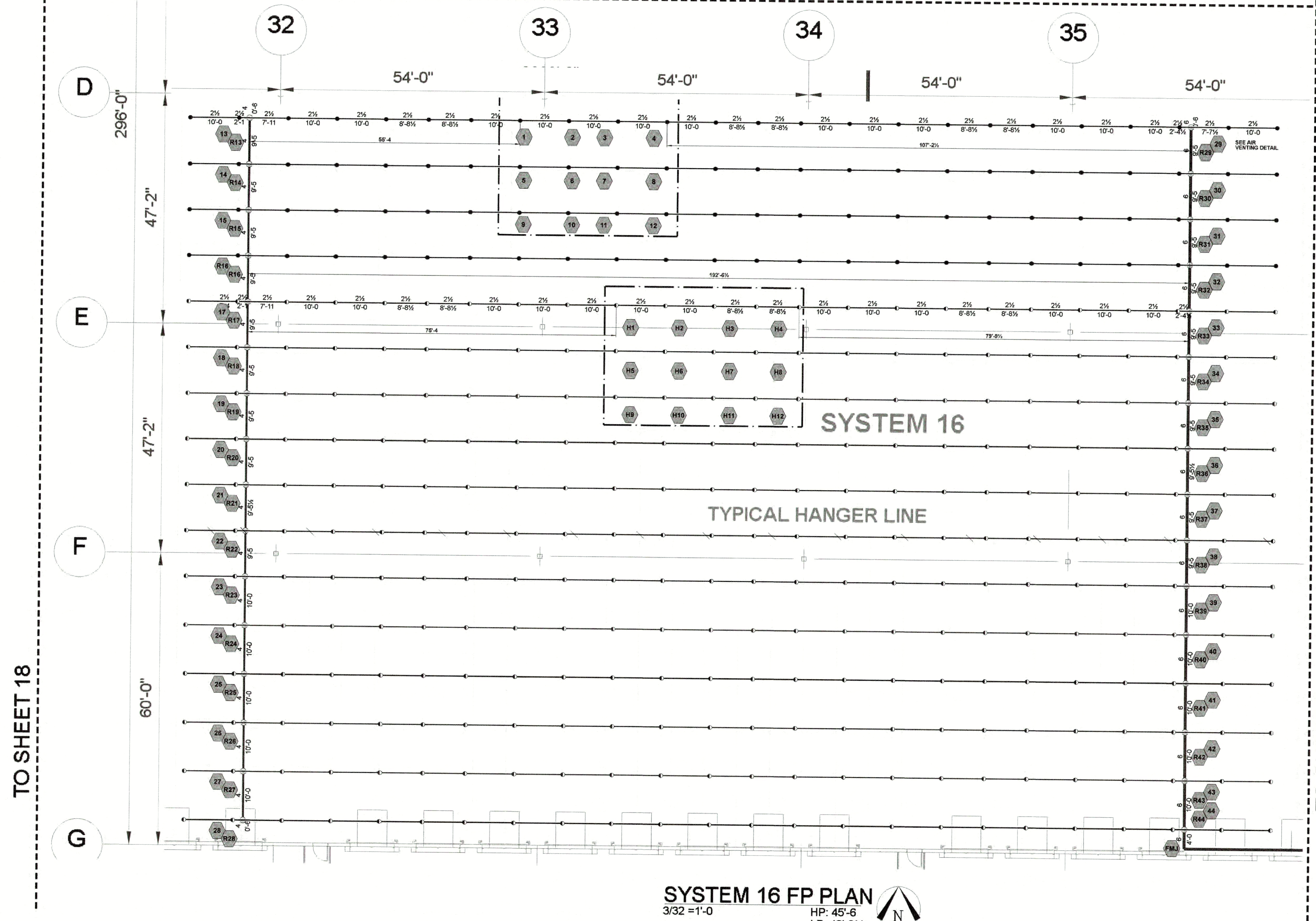


TO SHEET 10

TO SHEET 11



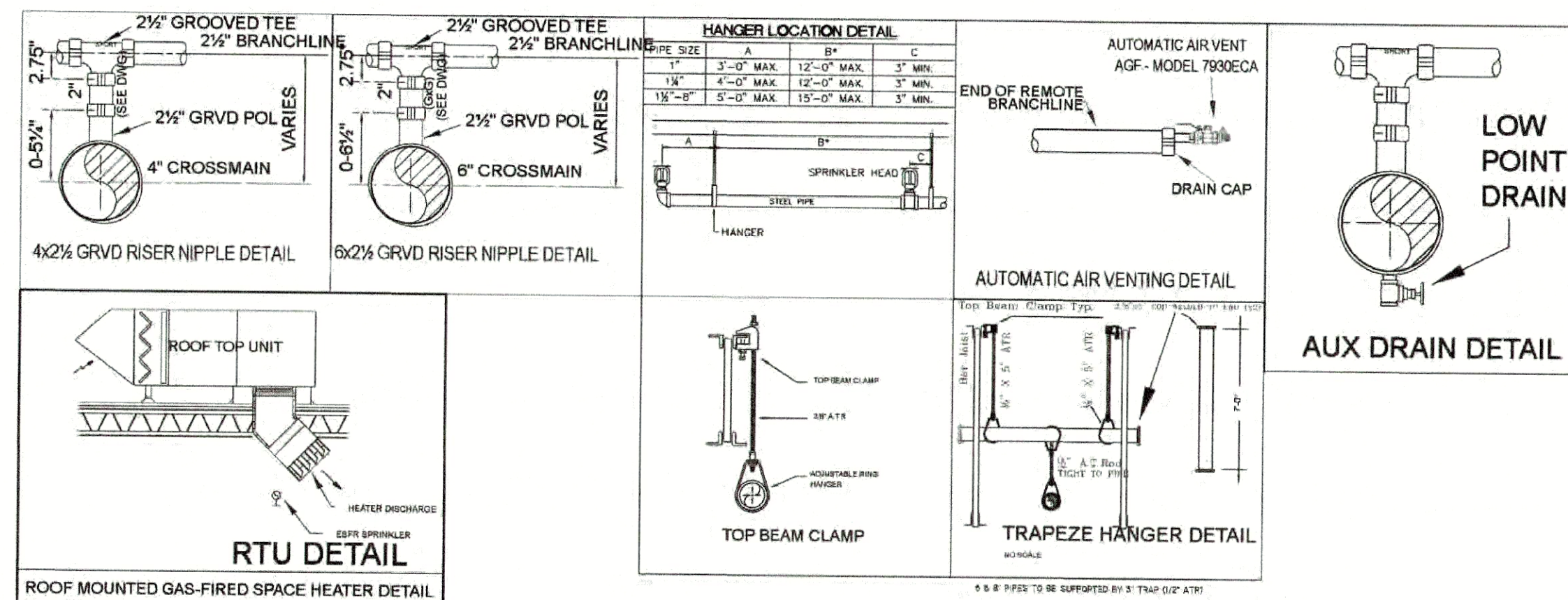
SYSTEM 16 FP PLAN
3/32 = 1'-0" HP: 45'-6" LP: 42'-2 1/4"

NOTE:

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

NOTE:

SYSTEM 16 PIPE SIZES BASED OFF
SYSTEM 4 HYDRAULIC CALCULATIONS.



NO.	DESCRIPTION	DATE	BY	SYMBOL	QTY.	DESCRIPTION	SYMBOL	QTY.	DESCRIPTION	DATE	BY	SYMBOL	QTY.
1	SYSTEM 1					SYSTEM 1			SYSTEM 1				
2	SYSTEM 2					SYSTEM 2			SYSTEM 2				
3	SYSTEM 3					SYSTEM 3			SYSTEM 3				
4	SYSTEM 4					SYSTEM 4			SYSTEM 4				
5	SYSTEM 5					SYSTEM 5			SYSTEM 5				
6	SYSTEM 6					SYSTEM 6			SYSTEM 6				
7	SYSTEM 7					SYSTEM 7			SYSTEM 7				
8	SYSTEM 8					SYSTEM 8			SYSTEM 8				
9	SYSTEM 9					SYSTEM 9			SYSTEM 9				
10	SYSTEM 10					SYSTEM 10			SYSTEM 10				
11	SYSTEM 11					SYSTEM 11			SYSTEM 11				
12	SYSTEM 12					SYSTEM 12			SYSTEM 12				
13	SYSTEM 13					SYSTEM 13			SYSTEM 13				
14	SYSTEM 14					SYSTEM 14			SYSTEM 14				
15	SYSTEM 15					SYSTEM 15			SYSTEM 15				
16	SYSTEM 16					SYSTEM 16			SYSTEM 16				
17	SYSTEM 17					SYSTEM 17			SYSTEM 17				
18	SYSTEM 18					SYSTEM 18			SYSTEM 18				
19	SYSTEM 19					SYSTEM 19			SYSTEM 19				
20	SYSTEM 20					SYSTEM 20			SYSTEM 20				
21	SYSTEM 21					SYSTEM 21			SYSTEM 21				
22	SYSTEM 22					SYSTEM 22			SYSTEM 22				
23	SYSTEM 23					SYSTEM 23			SYSTEM 23				
24	SYSTEM 24					SYSTEM 24			SYSTEM 24				
25	SYSTEM 25					SYSTEM 25			SYSTEM 25				
26	SYSTEM 26					SYSTEM 26			SYSTEM 26				
27	SYSTEM 27					SYSTEM 27			SYSTEM 27				
28	SYSTEM 28					SYSTEM 28			SYSTEM 28				
29	SYSTEM 29					SYSTEM 29			SYSTEM 29				
30	SYSTEM 30					SYSTEM 30			SYSTEM 30				
31	SYSTEM 31					SYSTEM 31			SYSTEM 31				
32	SYSTEM 32					SYSTEM 32			SYSTEM 32				
33	SYSTEM 33					SYSTEM 33			SYSTEM 33				
34	SYSTEM 34					SYSTEM 34			SYSTEM 34				
35	SYSTEM 35					SYSTEM 35			SYSTEM 35				
36	SYSTEM 36					SYSTEM 36			SYSTEM 36				
37	SYSTEM 37					SYSTEM 37			SYSTEM 37				
38	SYSTEM 38					SYSTEM 38			SYSTEM 38				
39	SYSTEM 39					SYSTEM 39			SYSTEM 39				
40	SYSTEM 40					SYSTEM 40			SYSTEM 40				

KEY PLAN
NO SCALE

NOTE:

GARAGE DOORS ARE VERTICAL LIFT AND
DO NOT REQUIRE SPRINKLER

HYDRAULIC - SYSTEM

This building is protected by a hydraulically
Designed Automatic Sprinkler System.

Location	BLDG 8 ALT K25 SYSTEM 16
No. of ESFR Sprinklers	12
Basis of Design	
1. END HEAD PRESSURE	45 PSI
2. SPRINKLER K-FACTOR	30.2
System Demand	
1. GPM DISCHARGE	2141.00
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	123.00
Building Information	
1. COMMODITY	CLASS 1-4 GROUP A
2. MAXIMUM STORAGE	40 FT

COMMODITY:

CLASS 1-4 COMMODITIES AND RACK STORAGE UP
TO 40 FT OF GROUP (A) CARTONED UNEXPANDED
PLASTICS.

HYDRAULIC - SYSTEM

This building is protected by a hydraulically
Designed Automatic Sprinkler System.

Location	BLDG 8 ALT K22 SYSTEM 16
No. of ESFR Sprinklers	12
Basis of Design	
1. END HEAD PRESSURE	40 PSI
2. SPRINKLER K-FACTOR	22.4
System Demand	
1. GPM DISCHARGE	1800.84
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	98.962
Building Information	
1. COMMODITY	CLASS 1-4 GROUP A
2. MAXIMUM STORAGE	40 FT

COMMODITY:

CLASS 1-4 COMMODITIES AND RACK STORAGE UP
TO 40 FT OF GROUP (A) CARTONED UNEXPANDED
PLASTICS.

DESIGNER / BUILDER

ARCO

DESIGN/BUILD
INDUSTRIAL

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.8010

ADBI / DESIGN
SERVICES

Lincoln Equities Group, LLC

PROJECT TITLE

**LINCOLN
EQUITIES -
NY-312- ALT. BLDG B**

**NY-312 & PUGSLEY RD,
SOUTHEAST, NY 10509**

ARCHITECT

ADBI / DESIGN SERVICES LLC
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601

CIVIL ENGINEER

LANGAN ENGINEERING
300 KIMBALL DRIVE
PARIS, NY 10254

STRUCTURAL ENGINEER

SMITH, ROBERTS AND ASSOCIATES, INC.
6501 BLUFF RD.
INDIANAPOLIS, INDIANA 46217

MECHANICAL ENGINEER

NATIONAL DESIGN/ BUILD SERVICES
11840 BORMAN DRIVE
ST. LOUIS, MO 63146

ELECTRICAL ENGINEER

FXB ENGINEERING
5 CHRISTY DRIVE, SUITE 307
CHADDS FORD, PA 19317

PLUMBING ENGINEER

MCCARTHY ENGINEERING ASSOCIATES,
INC.
315 EAST SECOND STREET
BOYERTOWN, PA 19512

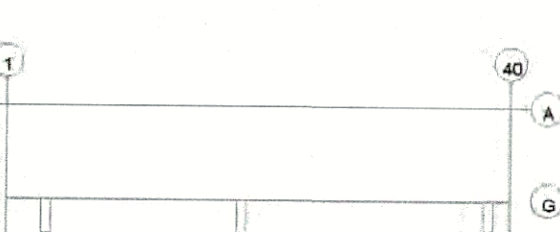
FIRE PROTECTION ENGINEER

S.A. COMUNALE CO. INC.
2500 NEWARK DRIVE
BARBERTON, OH 44203

SEAL

JOSEPH V. DIGIORGIO | NY: 042848

KEY PLAN



TRUE PROJECT
NORTH

SUBMITTALS

NO. DATE DESCRIPTION
0 02.18.2022 ISSUE FOR PERMIT

PROJECT NO. AS286-21 | NY131

DRAWN BY JB

SHEET TITLE

BUILDING B SYSTEM

16 FIRE PROTECTION

PLAN

SHEET NO.

PROJECT NO. AS286-21 | NY131

DRAWN BY JB

SHEET TITLE

BUILDING B SYSTEM

16 FIRE PROTECTION

PLAN

SHEET NO.

19 OF 20