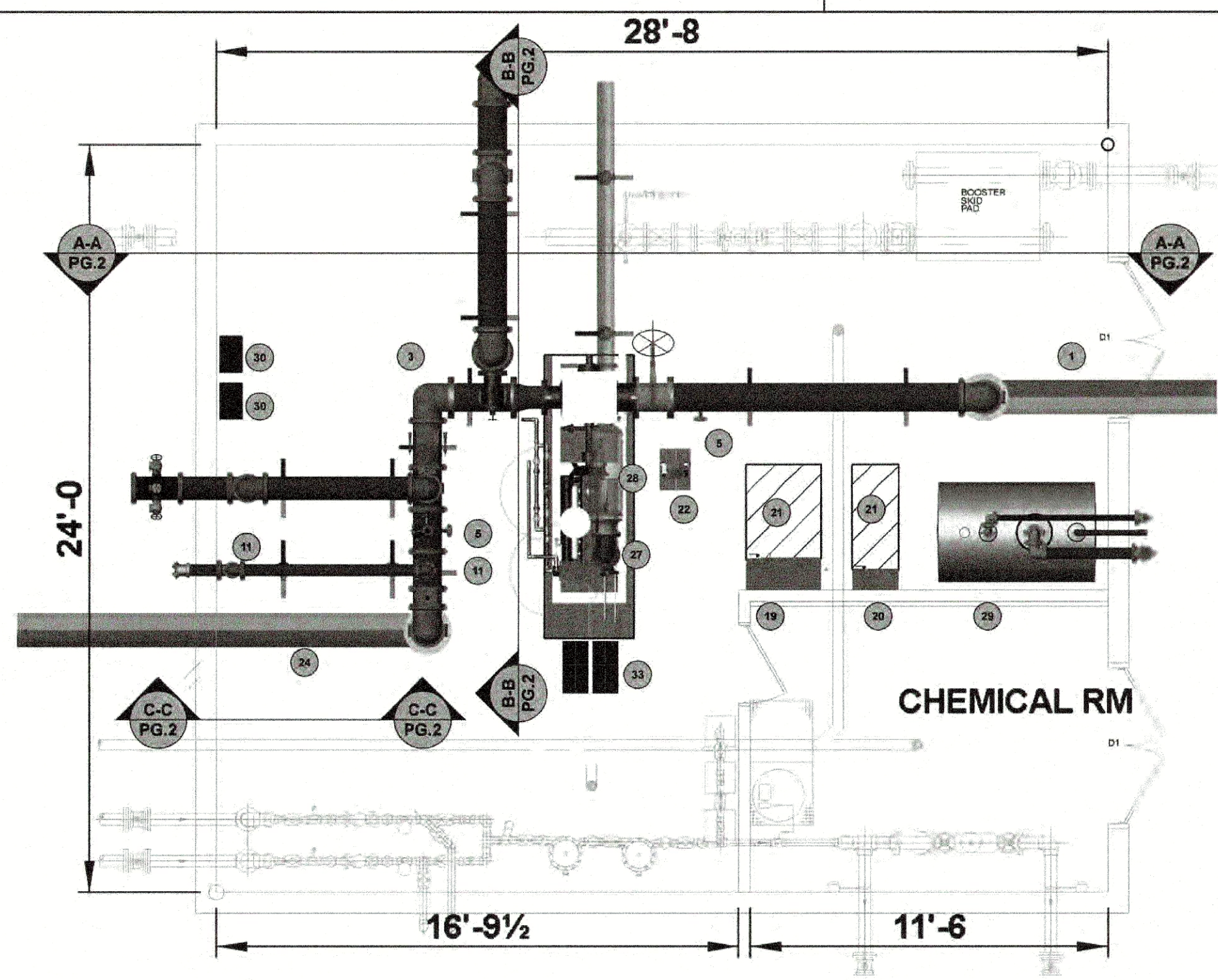
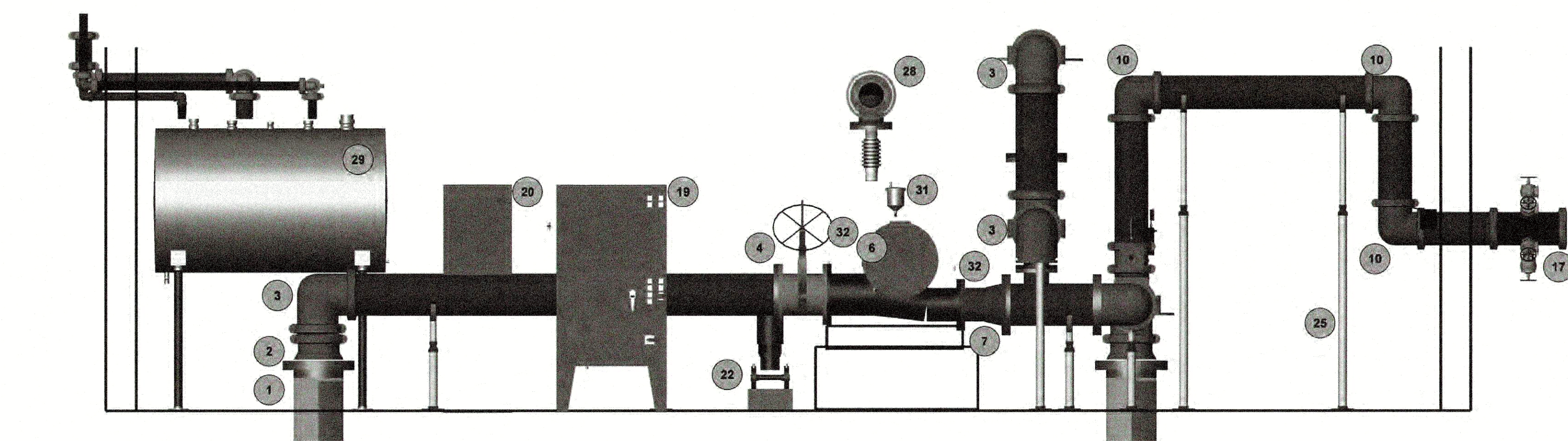
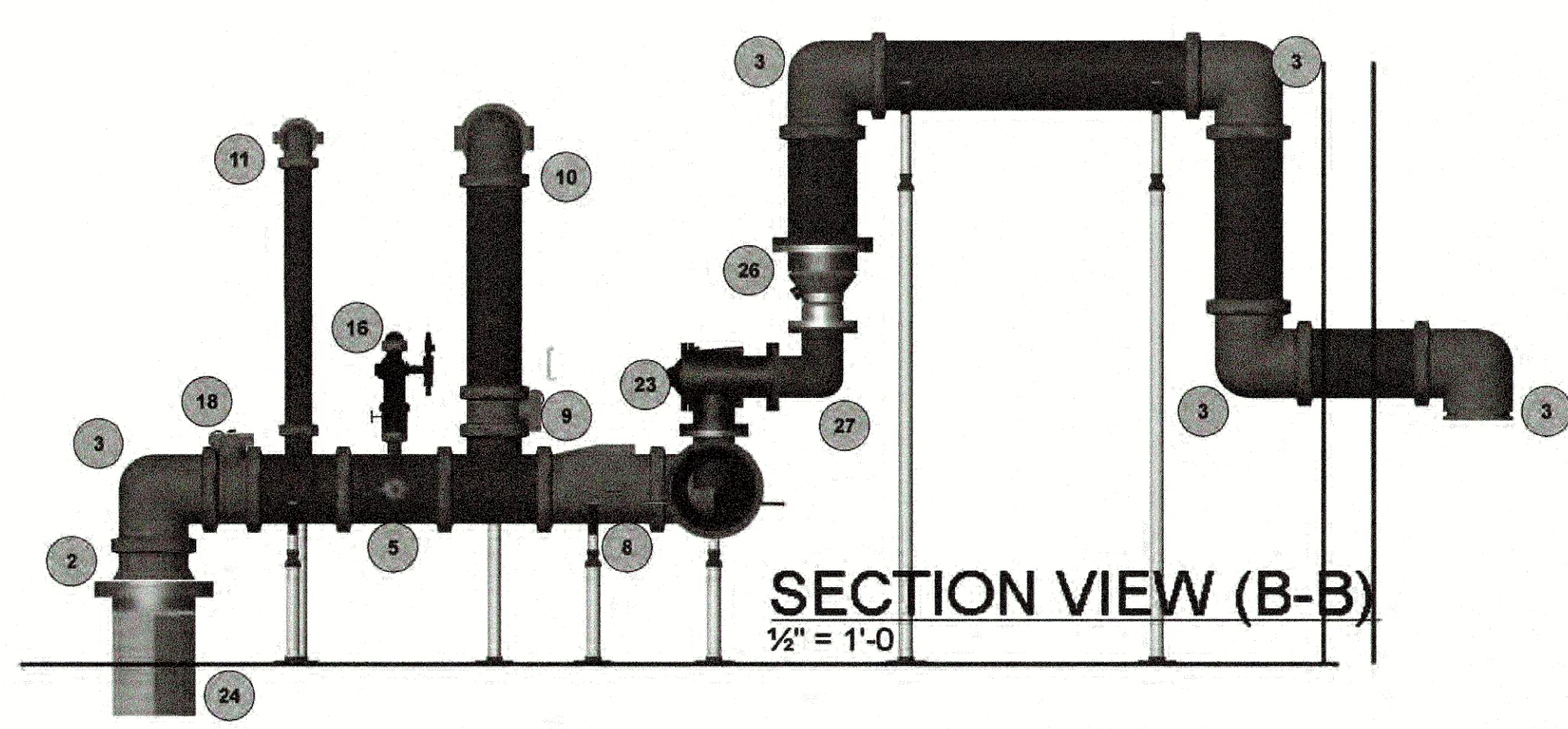




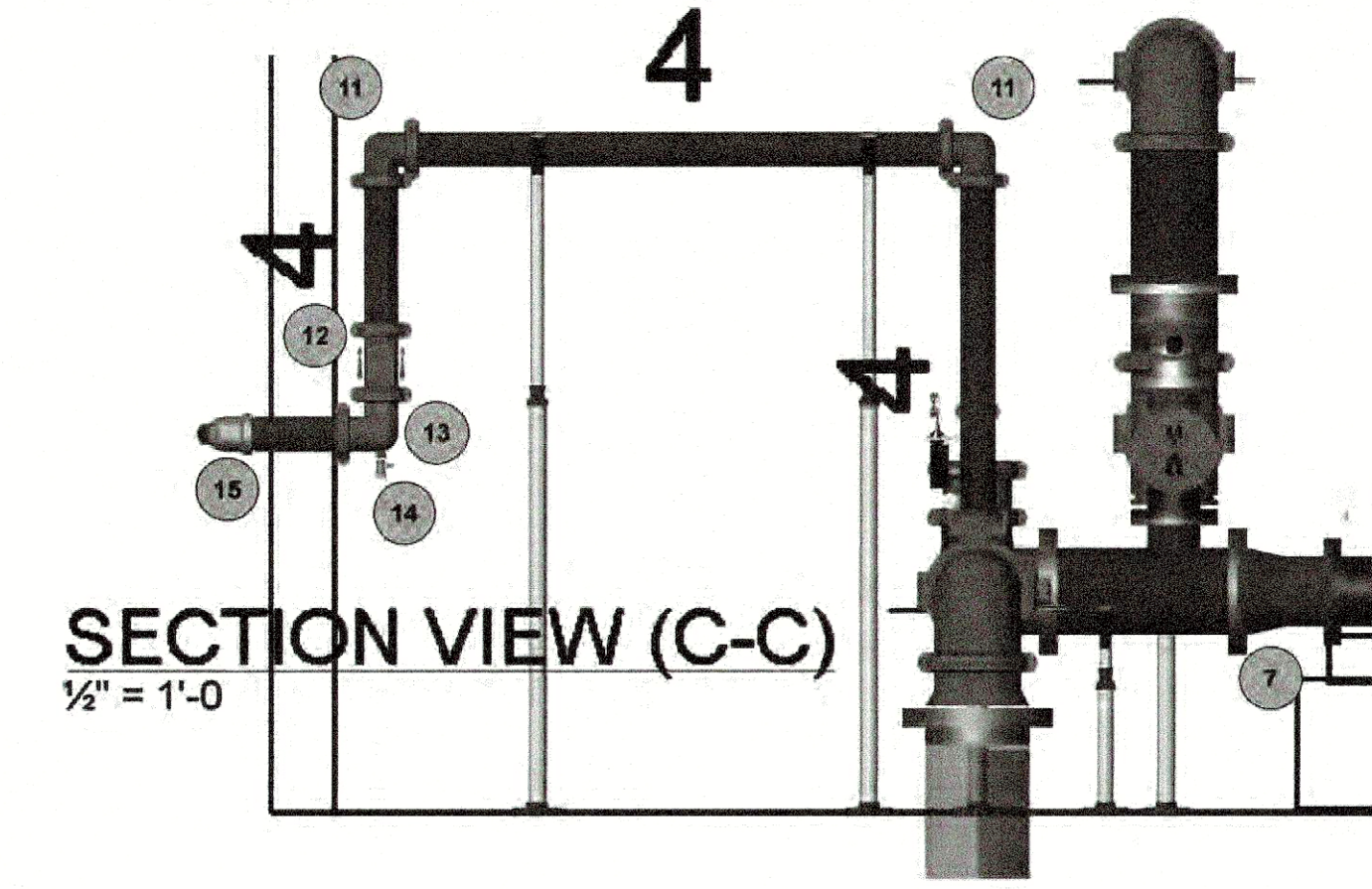
PUMP HOUSE PLAN VIEW
1/4" = 1'-0"



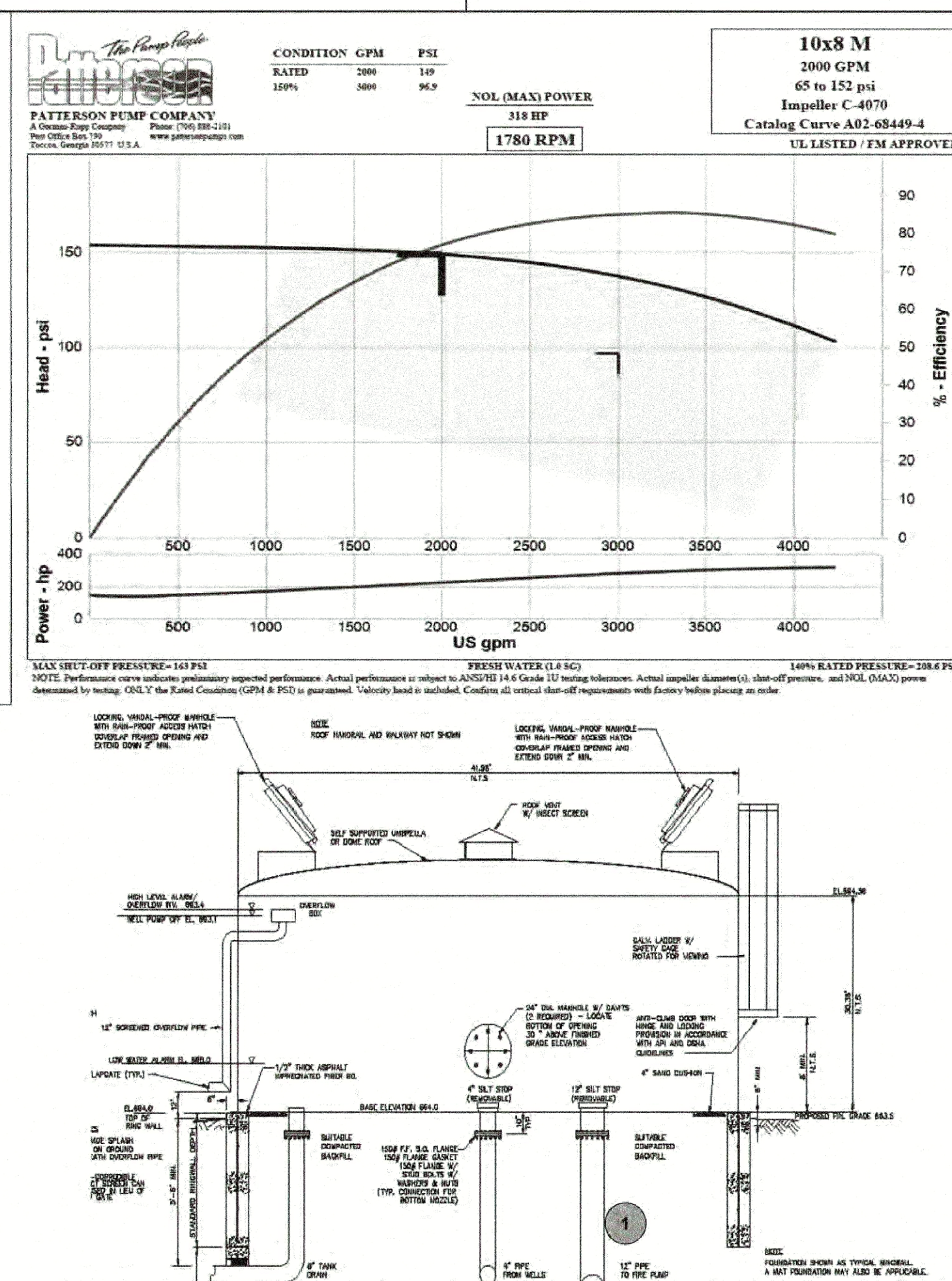
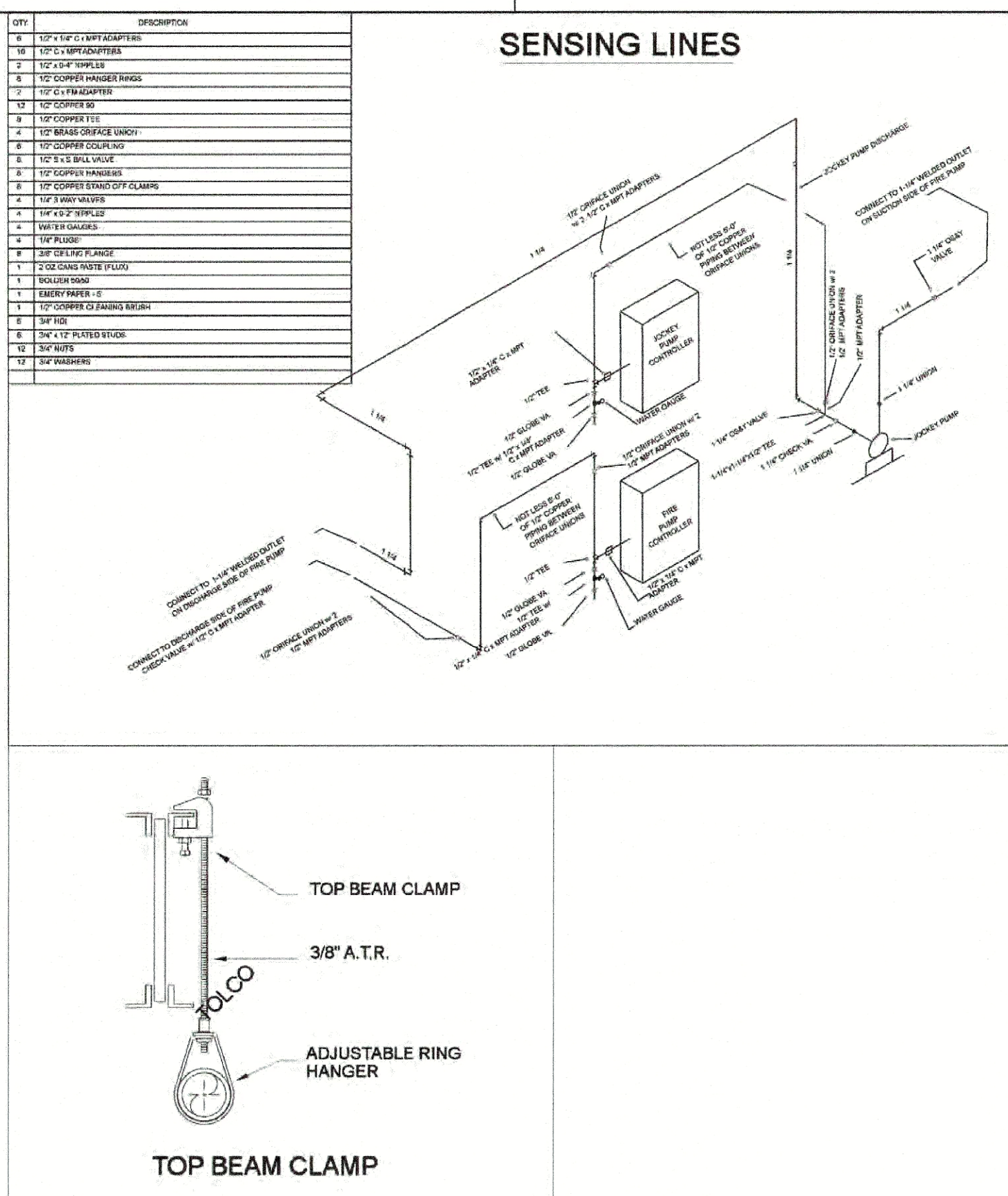
SECTION VIEW (A-A)
1/2" = 1'-0"



SECTION VIEW (B-B)
1/2" = 1'-0"



SECTION VIEW (C-C)
1/2" = 1'-0"



300,000 GAL. WATER STORAGE TANK
(BY OTHERS)
N.T.S.

This building is protected by a hydraulically designed automatic sprinkler system.

Location: **K8.0 PUMP ROOM**

No. of Sprinklers: **8**

Basis of Design:

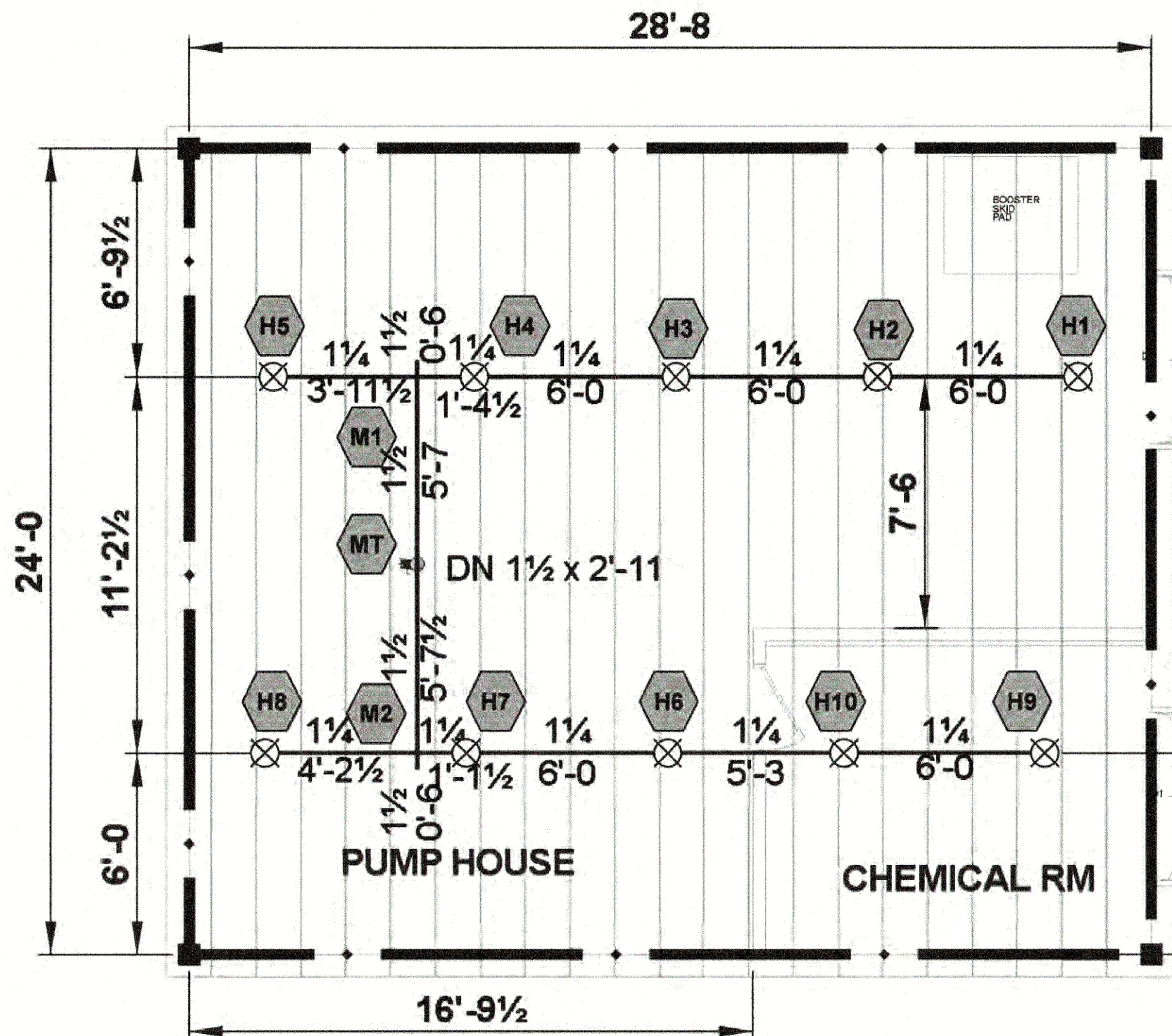
- 1. DENSITY: **0.4** GPM/SQ. FT.
- 2. DESIGNED AREA OF: **ENTIRE** SQ. FT.

System Demand:

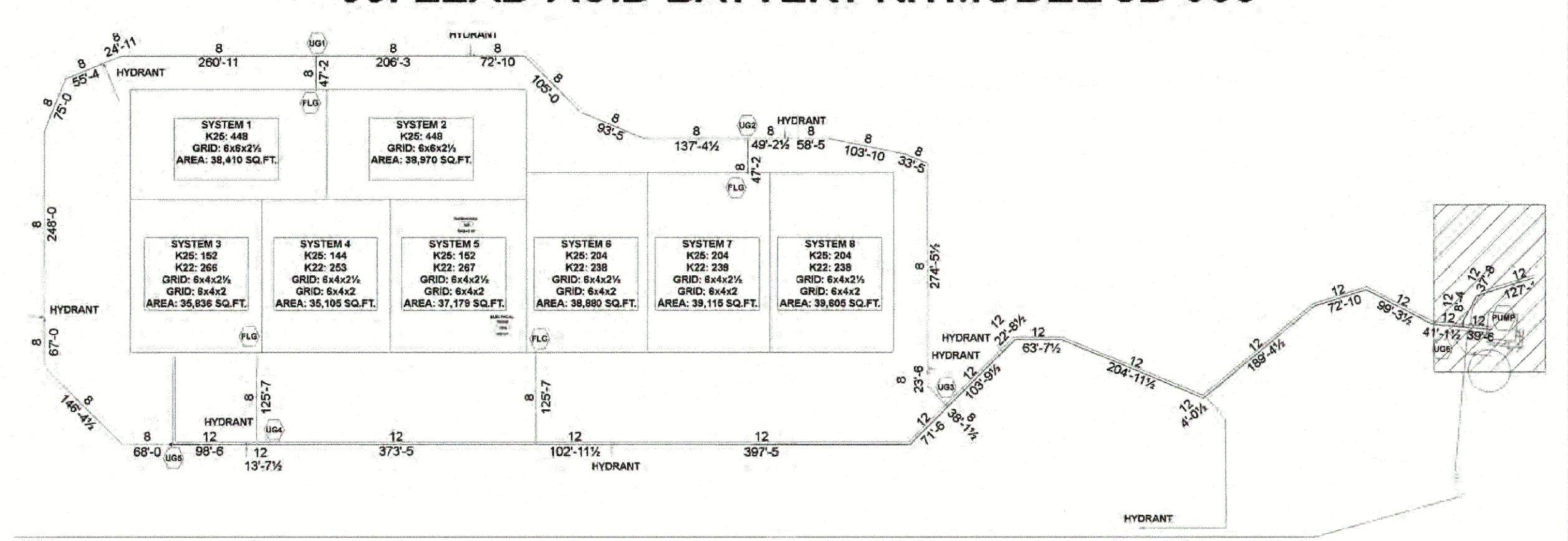
- 1. GPM DISCHARGE: **896.672** GPM
- 2. RESIDUAL PRESSURE AT THE BASE OF THE RISER: **91.682** PSI

Building Information:

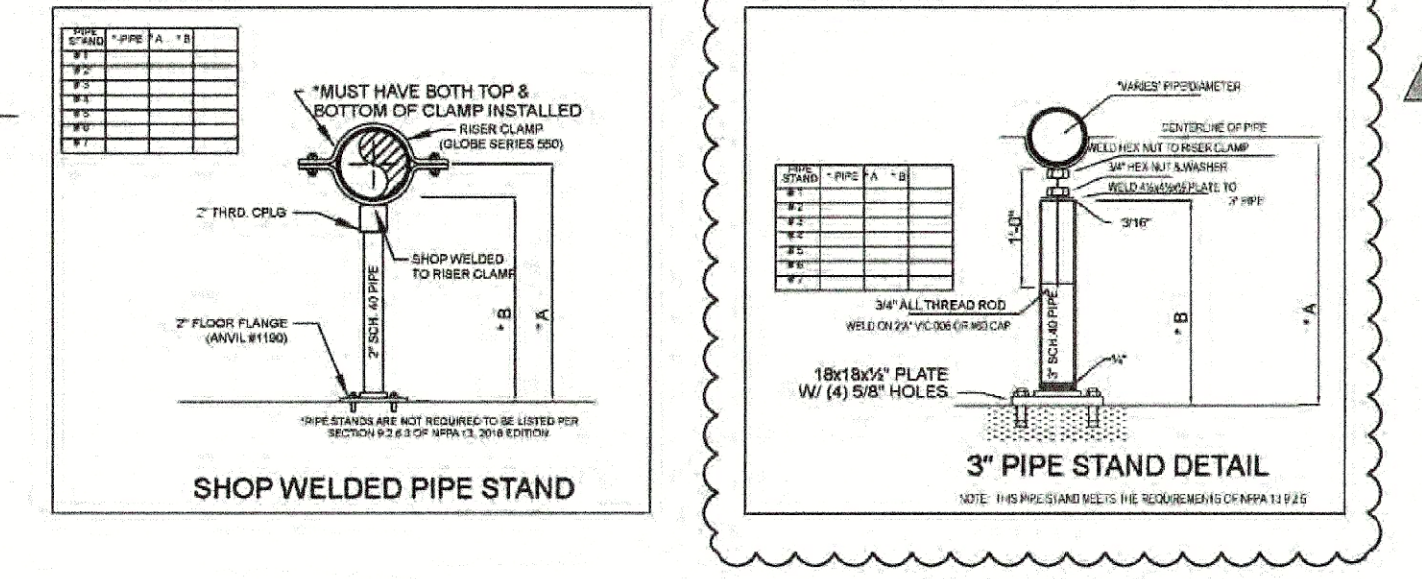
- 1. OCCUPANCY: **EXTRA HAZARD GROUP 3**
- 2. COMMODITY: **N/A**
- 3. MAXIMUM STORAGE: **N/A**



PUMP HOUSE OVERHEAD
1/4" = 1'-0"



KEY PLAN
NO SCALE



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 LIC # 087280

SIGNATURE: *[Signature]*

DATE SIGNED: **8/23/23**

STANDARD DRAWING SYMBOLS		TYPICAL HANGER ASSEMBLIES BY NUMBER		FIRE PROTECTION SPECIFICATIONS		MATERIAL SPECIFICATIONS		REVISIONS		SPRINKLER LEGEND	
1" FF	DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR.	D1	TOP BEAM CLAMP (TBC)	D8A	SAMMY SWC-20 SIDE CONCRETE	1	DO NOT SCALE DRAWINGS.	7	CONTRACTOR SHALL PROVIDE THE OWNER INSURANCE COMPANY & THE PROPER CITY OFFICIALS WITH COPIES OF THE MATERIAL AND TEST CERTIFICATES.	NO	NO
1" B	DENOTES CENTERLINE OF PIPE BELOW FINISH FLOOR.	D1A	WIDE MOUTH TOP BEAM CLAMP	D9	SAMMY GBT-20 STRAIGHT WOOD	2	ALL PIPE AS GO-GROoved END TO CENTER GO-GROoved END TO GROoved END. INDICATES ACTUAL PIPE "CUT" LENGTHS (U.N.O.)	8	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. COMMUNALE CONTRACT.	YES	NO
1" C	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF JOIST	D1B	INVERTED TOP BEAM CLAMP	D9A	SAMMY SWG-20 SIDE WOOD	3	DESIGN, INSTALLATION & MATERIALS TO BE PER NFPA #13. 2019	9	HANGERS AND ATTACHMENTS TO BE UL LISTED AND SPACED PER NFPA #13. 2019	NO	NO
1" D	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM	D1C	INVERTED WIDE MOUTH TBC	D10		4	HANGERS AND ATTACHMENTS TO BE UL LISTED AND SPACED PER NFPA #13. 2019	10	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	NO	NO
1" E	DENOTES CENTERLINE OF PIPE BELOW CEILING	D1D	TSC W/CEILING RING	D10B	SAMMY SWDR-516 SIDE STEEL	5	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	11	OWNER SHALL PROVIDE MINIMUM OF 40' F T	NO	NO
1" F	DENOTES HANGER	D1E	TSC W/ 12" RETAINING STRAP	D11	EYE SOCKET	6	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	12		NO	NO
1" G	DENOTES HANGER ROD LENGTH	D1F	TSC W/ 12" RETAINING STRAP	D12		7	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	13		NO	NO
1" H	DENOTES CEILING HEIGHT	D1G	TSC W/ 12" RETAINING STRAP	D13	U-HOOK HANGER	8	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	14		NO	NO
1" I	HYDRAULIC CALC. REF. POINT	D1H	TSC W/ 12" RETAINING STRAP	D14	ROD, RING, NUTS & WASHER	9	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	15		NO	NO
1" J	GROOVE COUPLING	D1I	TSC W/ 12" RETAINING STRAP	D15	4" CLEVIS HANGER W/ROD	10	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	16		NO	NO
1" K	GROOVE CHECK VA	D1J	TSC W/ 12" RETAINING STRAP	D16	CONCRETE/HELYT DROP IN ANCHOR	11	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	17		NO	NO
1" L	FIRE HOSE VALVE CABINET	D1K	TSC W/ 12" RETAINING STRAP	D17	SAMMY DBTR-75 STRAIGHT LIGHT WEIGHT STEEL	12	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	18		NO	NO
1" M	HYDRAULIC DATA STICKER	D1L	TSC W/ 12" RETAINING STRAP	D18	SAMMY DBTR-75 STRAIGHT CONCRETE	13	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	19		NO	NO
1" N		D1M	TSC W/ 12" RETAINING STRAP	D19	SAMMY SWDR-516 SIDE, HEAVY WEIGHT STEEL	14	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE	20		NO	NO

DESIGNER / BUILDER

ARCO

DESIGN/BUILD INDUSTRIAL

44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.6010

DESIGN SERVICES

ADBI

Lincoln Equities Group, LLC

PROJECT TITLE

LINCOLN EQUITIES - NY-131- BLDG A

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
PARSIPPANY, NJ 07054

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

FJB 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 COMMUNALE CO. INC.
2900 NEWPARK DRIVE
BARBERTON, OH 44203

JOSEPH V. DIGIORGIO | NY: 042948

KEY PLAN

NO. DATE DESCRIPTION

SUBMITTALS

PROJECT NO. **AS286-21 | NY131** DRAWN BY **KS**

SHEET TITLE **PUMP HOUSE**

SHEET NO. **2 OF 9**