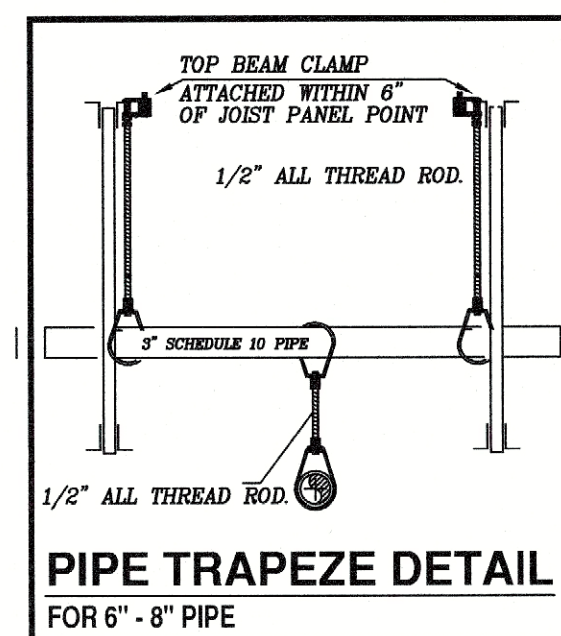
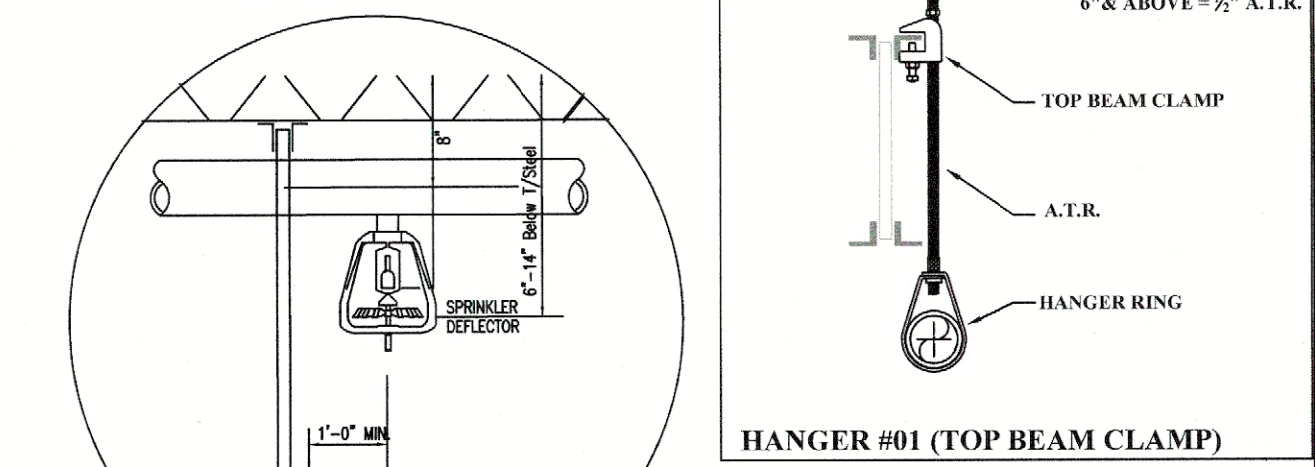
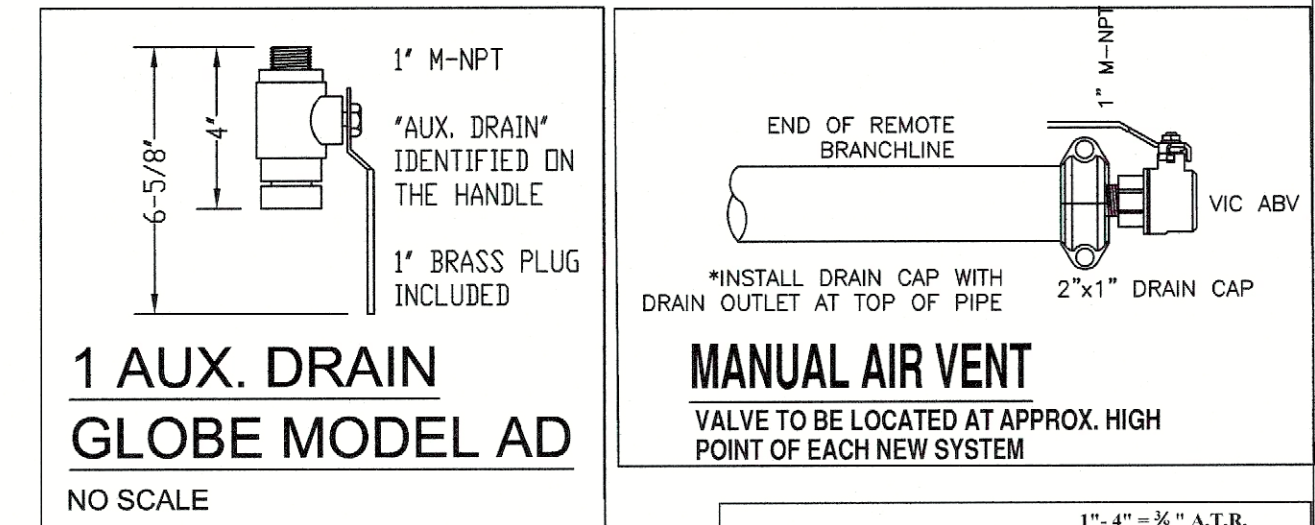
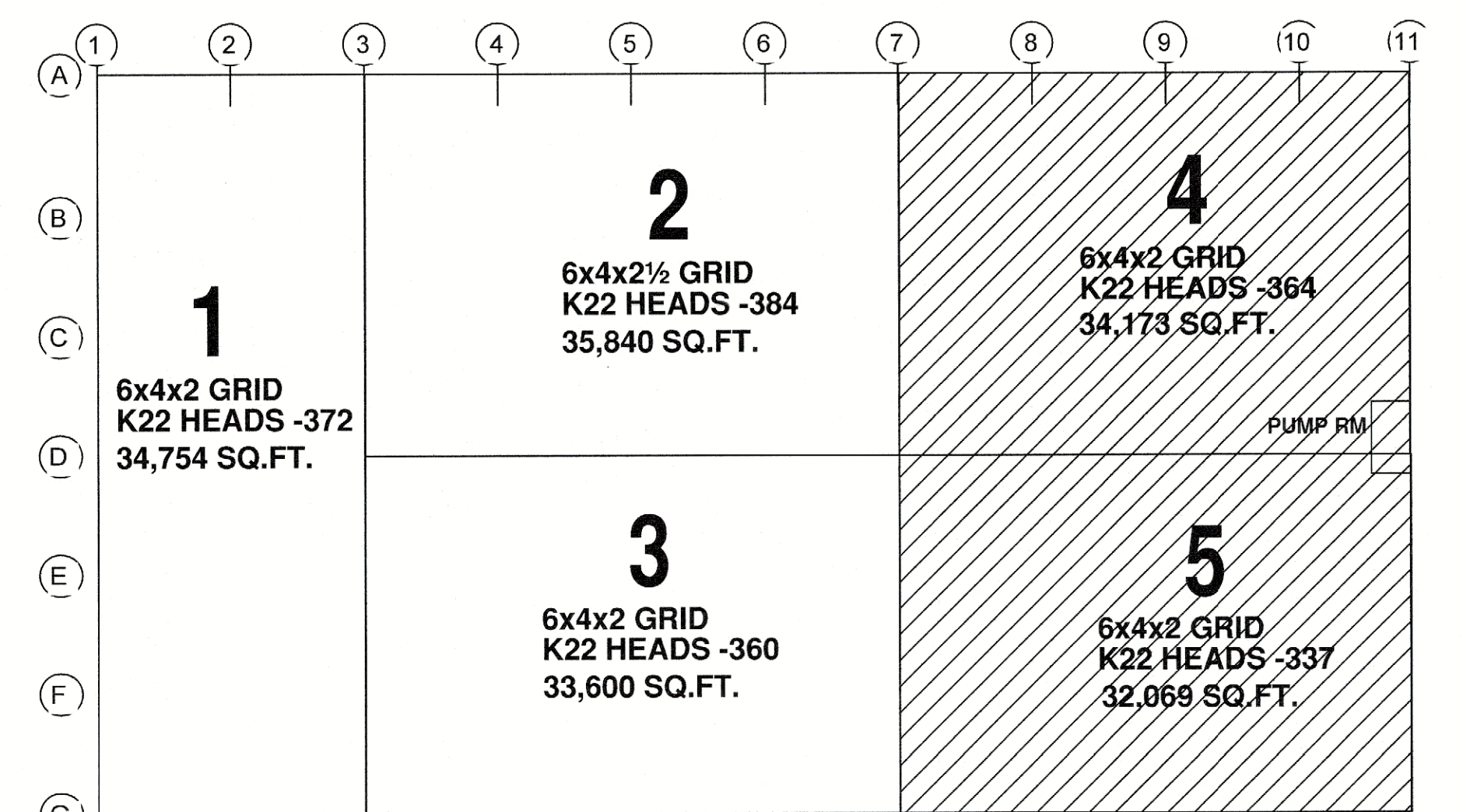




HYDRAULIC - SYSTEM This building is protected by a hydraulically Designed Automatic Sprinkler System.	
Location	SYSTEM 4
No. of Sprinklers	12
Basis Of Design	
1. END HEAD PRESSURE	40 PSI
2. SPRINKLER K-FACTOR	22.4
System Demand	
1. GPM DISCHARGE	1800 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	105 PSI
Building Information	
1. COMMODITY CLASSIFICATION	CLASS - IV, CARTRONED UNEXPANDED PLASTICS SEE SHEET FOR CRITERIA DETAILS

****MAINTAIN 36" FROM DEFLECTOR
TO TOP OF STORAGE**



KEY PLAN

NOT TO SCALE

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

USE GROUP: S-I
CONSTRUCTION TYPE: II-B
AREA OF WORK: 170.500 SQ. FT.

PROJECT NAME:
NY145 BROOKFIELD SUFFERN

PROJECT LOCATION:
SUFFERN NY

TIM SURMAN
PROFESSIONAL ENGINEER
NY PE LIC.# 107503

A circular professional engineer seal for the State of New York. The outer ring contains the text "STATE OF NEW YORK" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom. Inside the ring, the name "TIMOTHY SURMAN" is written at the top and the license number "107503" is at the bottom. The center of the seal features a crest with an eagle perched atop a shield, which is flanked by two figures.

S.A. COMUNALE Co. Inc.
FIRE PROTECTION CONTRACTORS

2900 NEWPARK DR BARBERTON, OHIO 44203 330-706-3040 FAX: 330-861-0860
CLEVELAND: 440-694-9325 COLUMBUS: 614-291-7001 CINCINNATI: 513-874-4268
FREMONT: 419-334-3841 PHILADELPHIA, PA: 856-848-4666 YOUNGSTOWN: 330-856-4440
MARION 740-363-6789 WASHINGTON, DC 410-768-1931 READING, PA: 610-670-3960

NY154 BROOKFIELD SUFFERN- BUILDING 2
25 OLD MILL, ROAD SUFFERN, NY 20901

ESFR SYSTEMS 4 AND 5			
LE 3/32" = 1'-0"	DRAWN SARAH CAREW	JOB NO. 51718093	DWG. NO. 6 OF 6

HYDROSTATIC TEST TO BE CONDUCTED AT 225 PSI

[illegible]