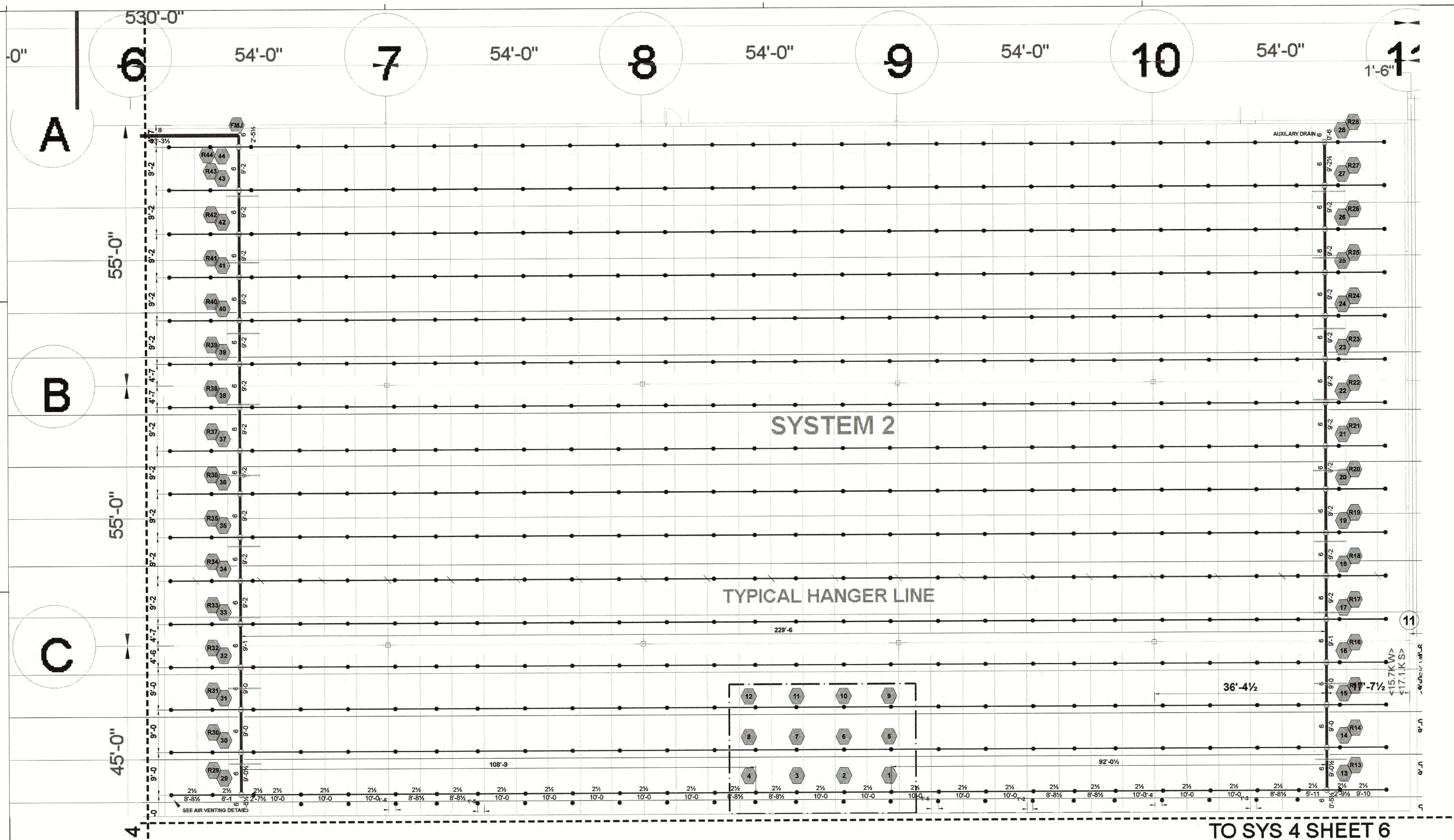
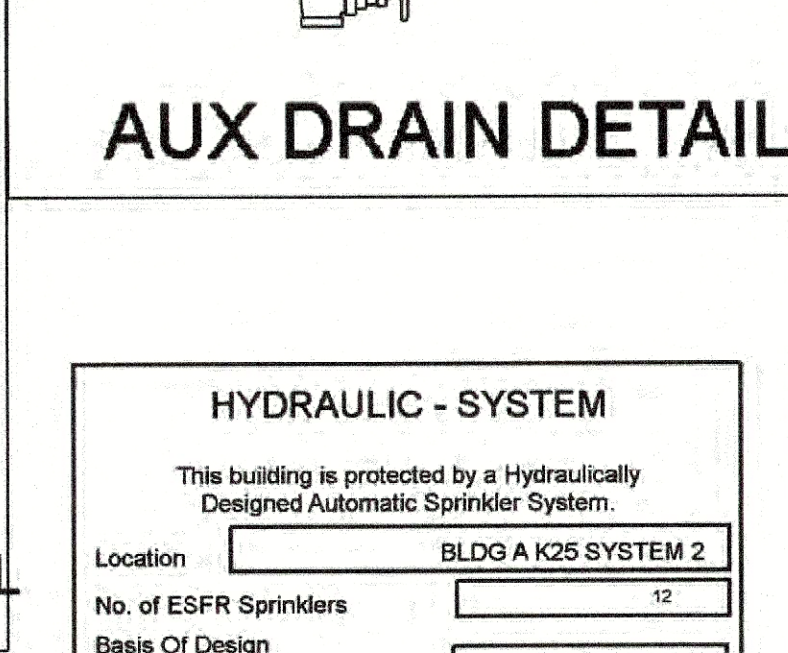
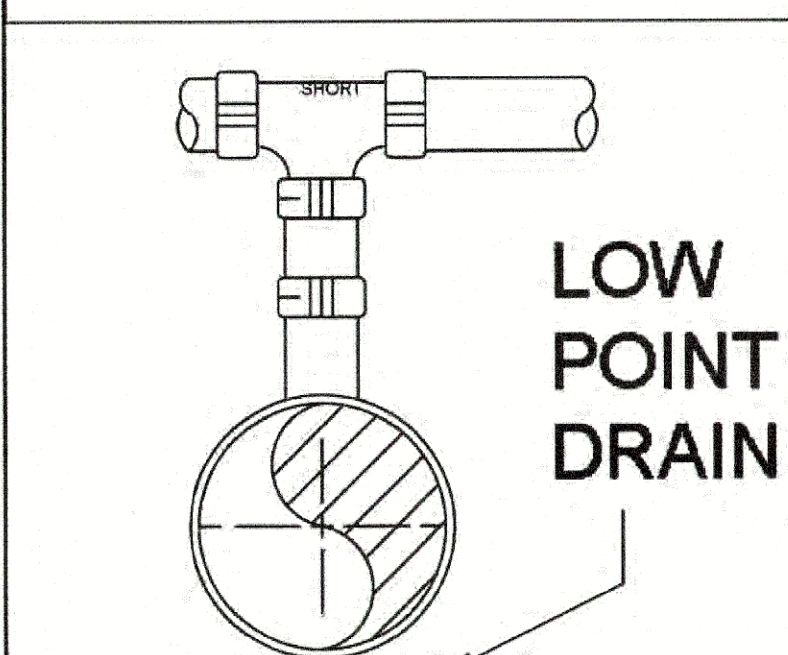
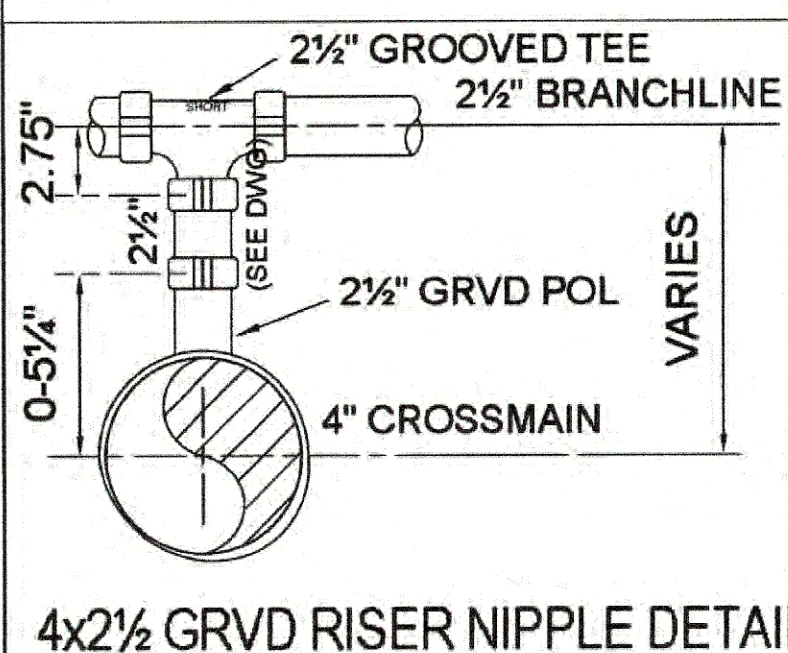
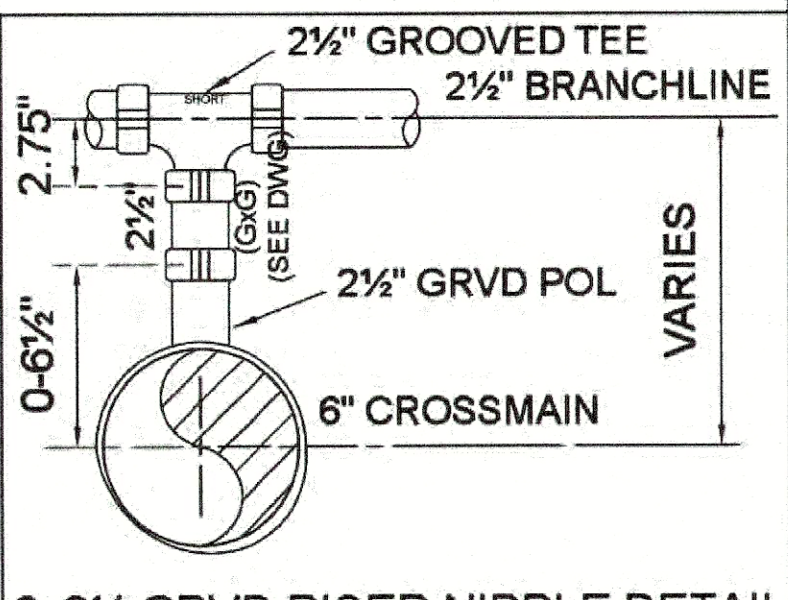
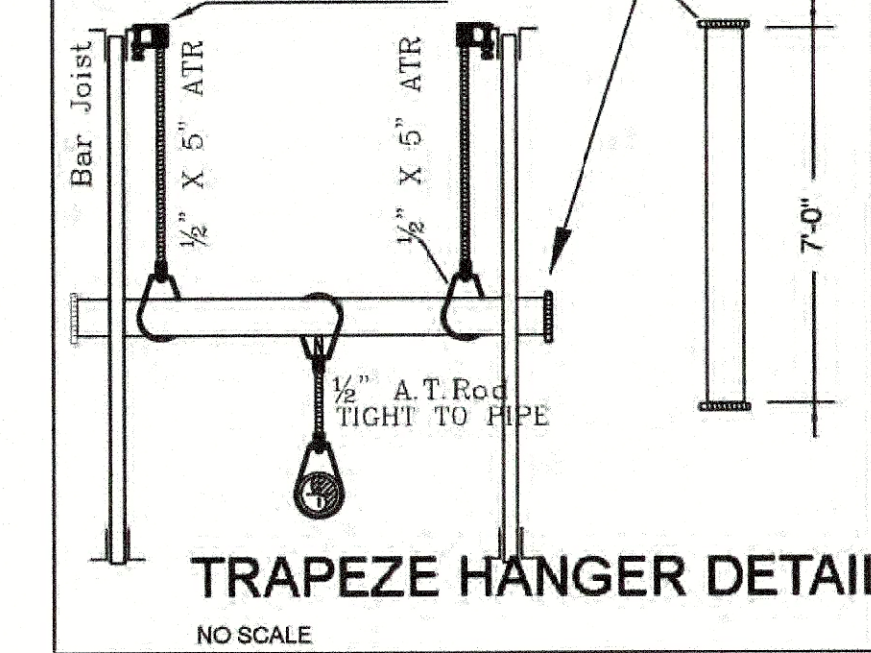
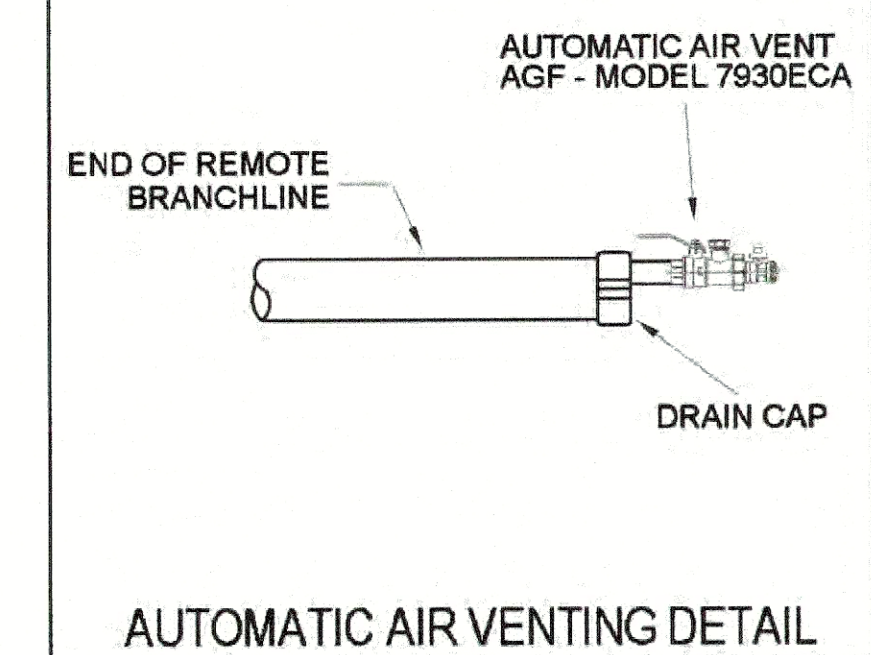
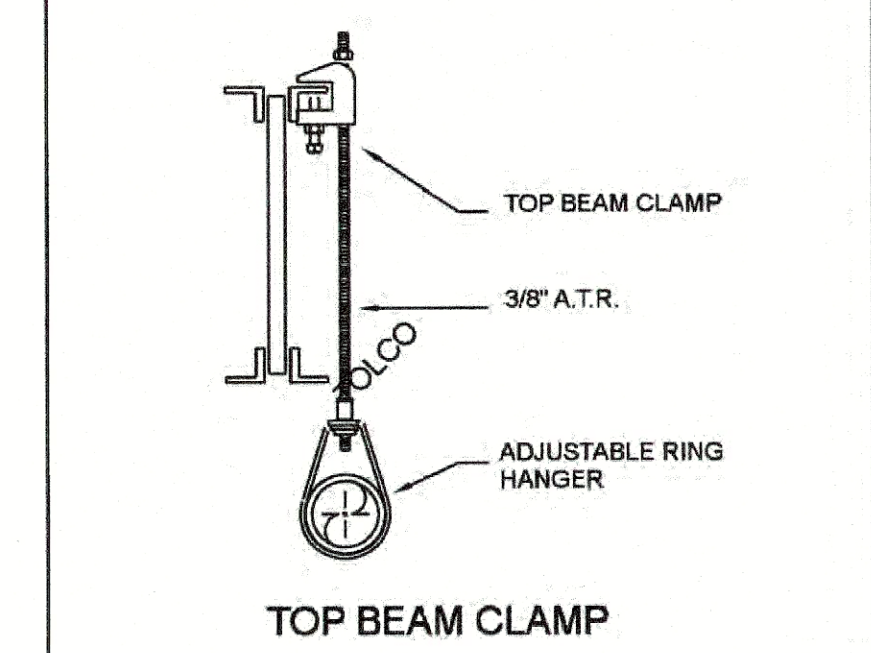
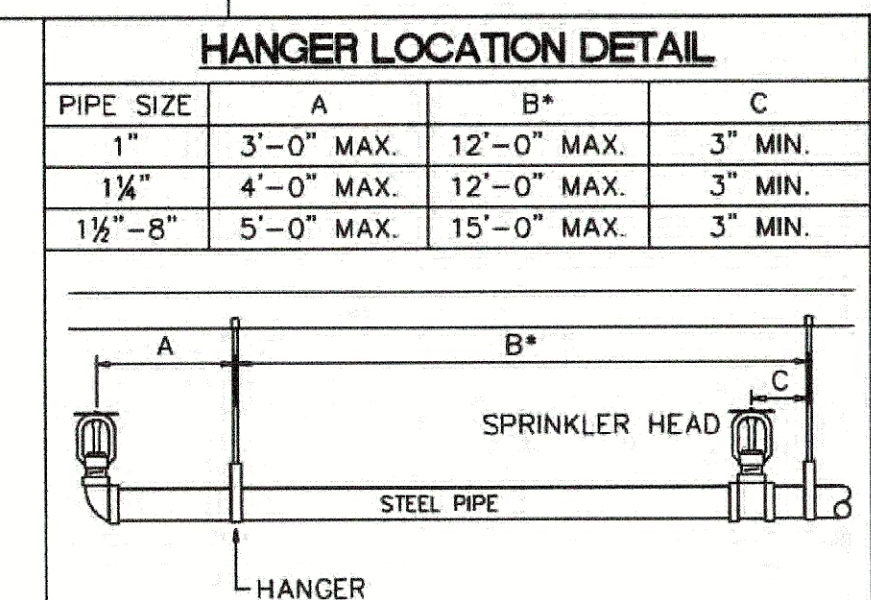




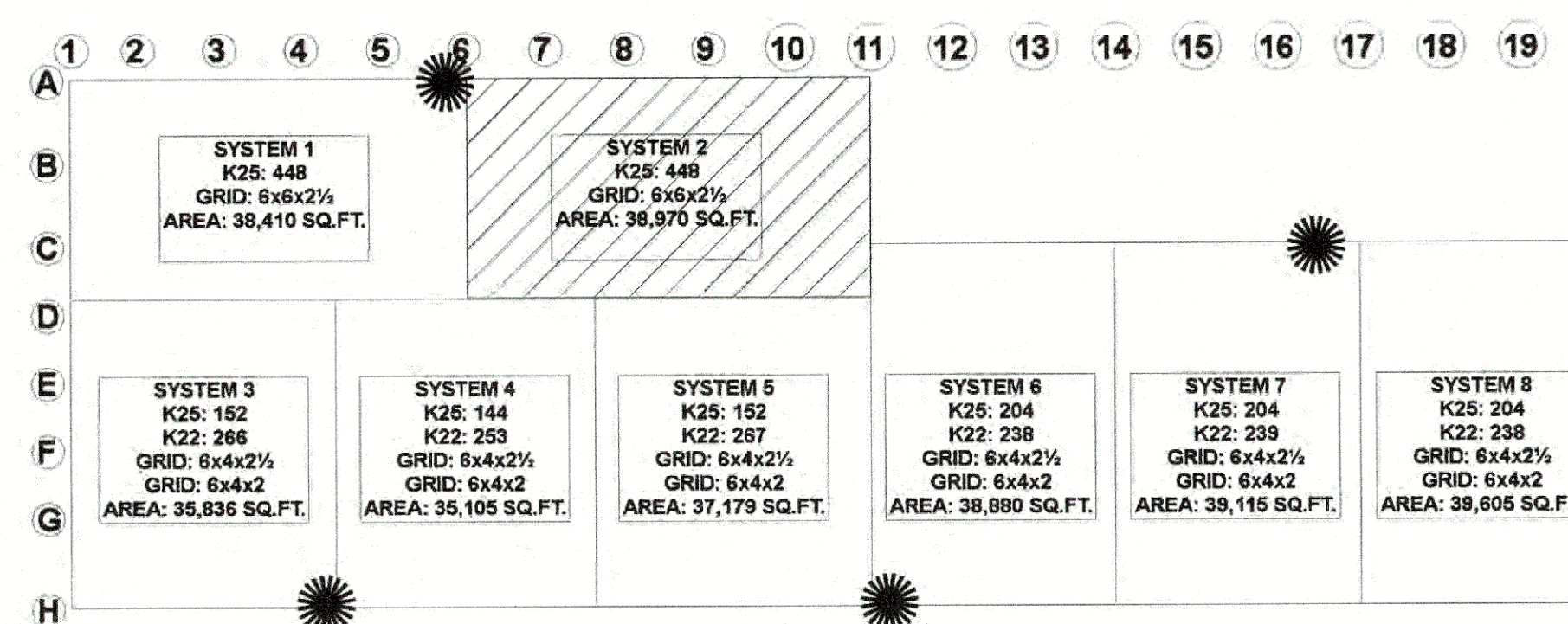
SYSTEM 2 FP PLAN
3/32 = 1'-0"

NOTE:
2 1/2" BRANCH LINES AT 0'8" BELOW TOP OF STEEL U.N.O.
4" MAINS AT 1'-5" BELOW TOP OF STEEL U.N.O.
6" MAINS AT 1'-6" BELOW TOP OF STEEL U.N.O.
8" MAINS AT 1'-6" BELOW TOP OF STEEL U.N.O.



HYDRAULIC - SYSTEM	
This building is protected by a hydraulically designed Automatic Sprinkler System.	
Location	BLDG A K25 SYSTEM 2
No. of ESFR Sprinklers	12
Basis of Design	
1. END HEAD PRESSURE	45 PSI
2. SPRINKLER K-FACTOR	253
System Demand	
1. GPM DISCHARGE	2137.82 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	117.246 PSI
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.



KEY PLAN
NO SCALE



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

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
SIGNATURE:
DATE SIGNED:

S.A. COMUNALE CO. INC.
FIRE PROTECTION CONTRACTORS
2800 NEWPARK DR. BARBERTON, OHIO 44203 330-708-3040 FAX: 330-661-0860
CLEVELAND: 440-884-9325 COLUMBUS: 614-291-7001 CINCINNATI: 513-674-4288
FREMONT: 415-334-3841 PHILADELPHIA: PA 655-848-4669/UNIONTOWNSHIP: 330-866-4448
MADISON: 760-382-6789 WASHINGTON, DC 415-785-1831 READING, PA 610-670-3960

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

SYSTEM 2 FIRE PROTECTION PLAN
DATE: 8.23.23 SCALE: AS NOTED DRAWN BY: JUSTIN BOUGHNER JOB #: 50531092 DWG #: 5 OF 9

DESIGNER / BUILDER
ARCO
DESIGN/BUILD INDUSTRIAL
44 SOUTH BROADWAY, SUITE 1003
WHITE PLAINS, NY 10601
P: 914.821.5535 F: 914.306.6010

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.
8501 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

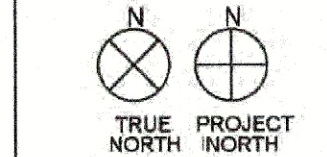
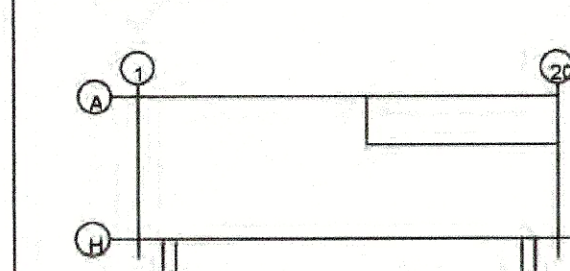
PLUMBING ENGINEER
MCCARTHY ENGINEERING ASSOCIATES, INC.
315 EAST SECOND STREET
BOYERTOWN, PA 19512

FIRE PROTECTION ENGINEER
S.A. COMUNALE CO. INC.
2800 NEWPARK DRIVE
BARBERTON, OH 44203

SEAL

JOSEPH V. DIGIORGIO | NY: 042848

KEY PLAN



SUBMITTALS

NO. DATE DESCRIPTION