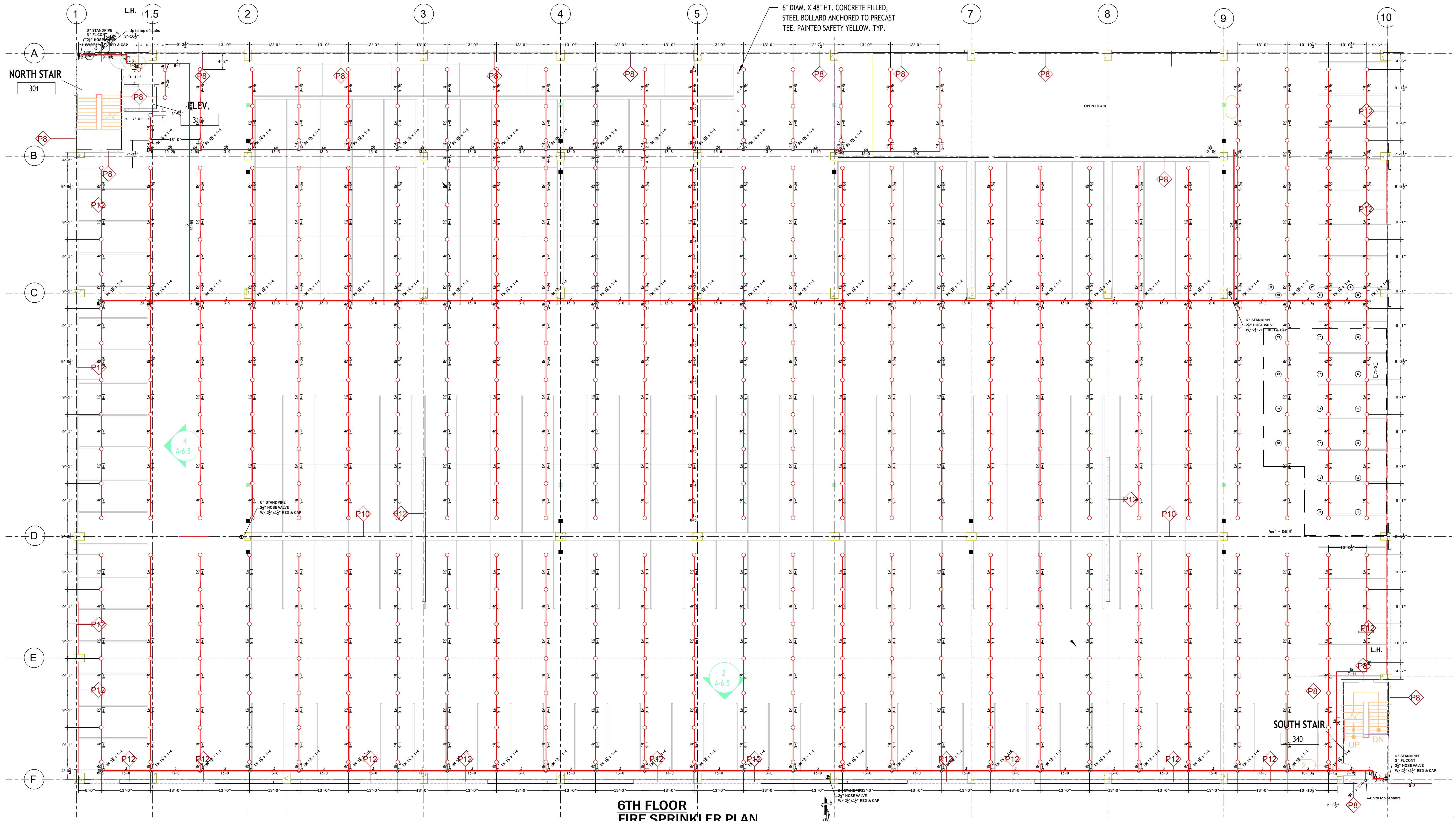
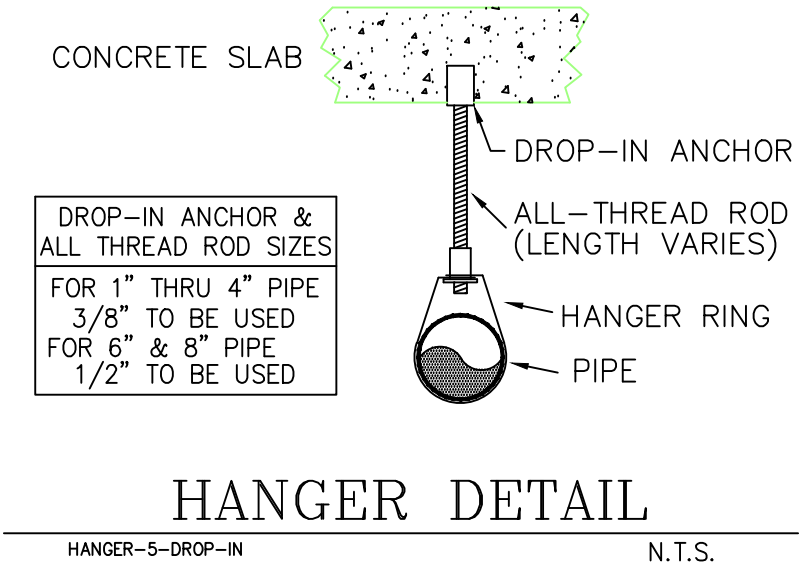


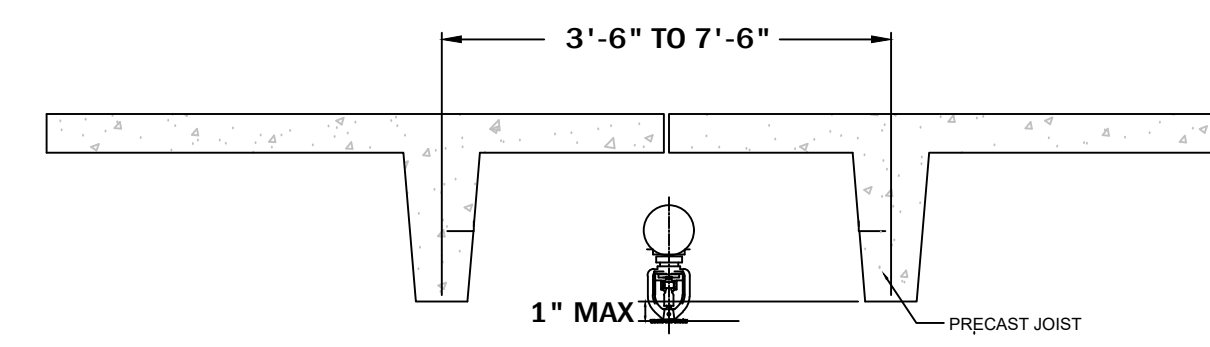


6TH FLOOR
FIRE SPRINKLER PLAN
SCALE: 1/8"=1'-0"

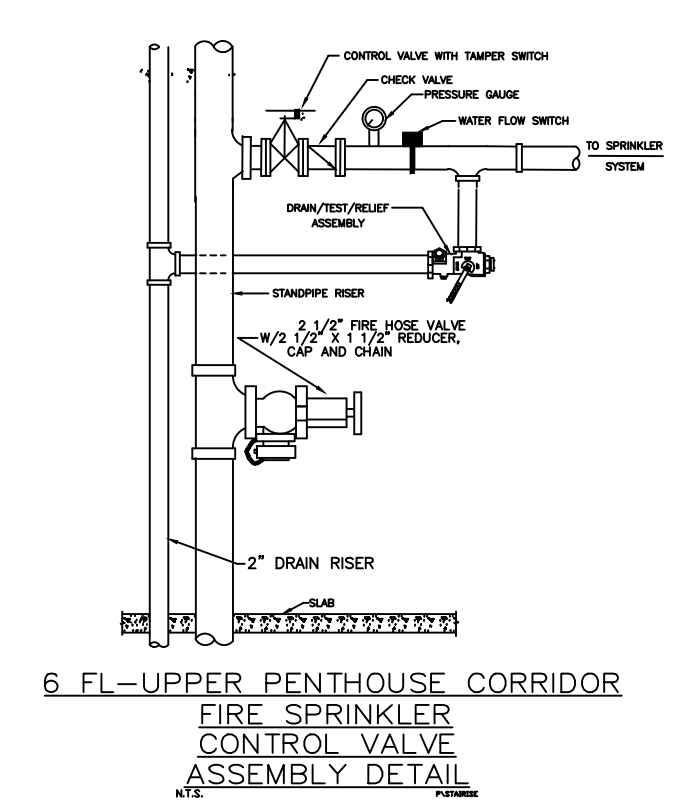
HAZARD LEGEND
L.H. = LIGHT HAZARD
O.H.1 = ORDINARY HAZARD 1
O.H.2 = ORDINARY HAZARD 2



NOMINAL PIPE SIZE (NPS)	MAXIMUM DISTANCE BETWEEN HANGERS									
	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	6"
STEEL PIPE (SCHED 40)	N/A	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"
THREADED LIGHTWALL STEEL PIPE	N/A	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	N/A	N/A	N/A	N/A
COPPER TUBE	8'-0"	10'-0"	10'-0"	10'-0"	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"
CVC	5'-6"	6'-0"	6'-6"	7'-0"	8'-0"	9'-0"	N/A	N/A	N/A	N/A
POLYBUTYLENE (PB)	N/A	3'-6"	4'-7"	5'-0"	5'-11"	N/A	N/A	N/A	N/A	N/A
POLYBUTYLENE (CB)	2'-11"	3'-4"	3'-11"	4'-5"	5'-5"	N/A	N/A	N/A	N/A	N/A



TYPICAL SPRINKLER INSTALLATION DETAIL
N.T.S.



Sprinkler Head Schedule				
Symbol	Count	Thread	K-Factor	Description
○	548	1/2"	5.6	VIKING VK3021 200\"/>
548 = Total Number of Heads This Floor				

- GENERAL NOTES**
- DESIGN & INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH NFPA 13 2019 ED, NFPA 24 2019 ED AND LOCAL AUTHORITIES.
 - ALL FIRE SPRINKLER DEVICES TO BE UL LISTED AND/OR FM APPROVED.
 - DESIGN CRITERIA AND FIRE SPRINKLER SPACING TO BE:
- | | |
|------------------------|---|
| SERVICE AREAS | ORD HAZARD 2
0.20 1500 GPM
WITH 250 GPM HOSE |
| PARKING | ORD HAZARD 2
0.20 1500 GPM
WITH 250 GPM HOSE |
| OIL COMPRESSOR RM | EXT HAZARD 1 |
| EV CHARGER (1ST FLOOR) | EXT HAZARD 2
0.40 2500 GPM
AREA CAN BE REDUCED PER NFPA 13 19.3.3.1.1 |
- FLOW TEST: SS STATIC
SS RESIDUAL
1350 GPM FLOW
(3\"/>

- SYMBOL LEGEND**
- HYDRAULIC REFERENCE POINT
 - CEILING HEIGHT
 - RISE UP OR DROP DOWN IN PIPE ELEVATION
 - NEW SPRINKLER PIPE
 - NEW UNDERGROUND PIPING
 - EXISTING CITY MAIN
 - DENOTES HANGER LOCATION
 - [4'-0" 1/8"] ELEVATION BELOW TOP OF STEEL
 - [4'-0" 1/8"] ELEVATION ABOVE FINISHED FLOOR
 - [4'-0" 1/8"] ELEVATION @ TOP OF STEEL

BY: DS

NO.	DATE	REVISION	DESCRIPTION
0	02/16/22		RELEASE FOR SUBMITTALS

STATE LICENSE #4112500012001

Brothers
Fire Protection Inc.
Your Source for Fire Protection...
Design Installation Inspection

PROJECT: MIAMI LAKES GARAGE
16200 NW 57 AVE
MIAMI LAKES, FL 33014
DRAWN BY: David Sengsaurhino
SPRKS. ON: JOB: 3500
APPROVALS: MIAMI DAGE
DRAWING NAME: MIAMI LAKES GARAGE
CONTRACT NO: 225-029

ROOF

MIAMI LAKES GARAGE
16200 NW 57 AVE
MIAMI LAKES, FL 33014
DATE: SEPTEMBER 16, 2025
SCALE: 3/32" = 1'-0"

SHEET NO. 025 OF 06