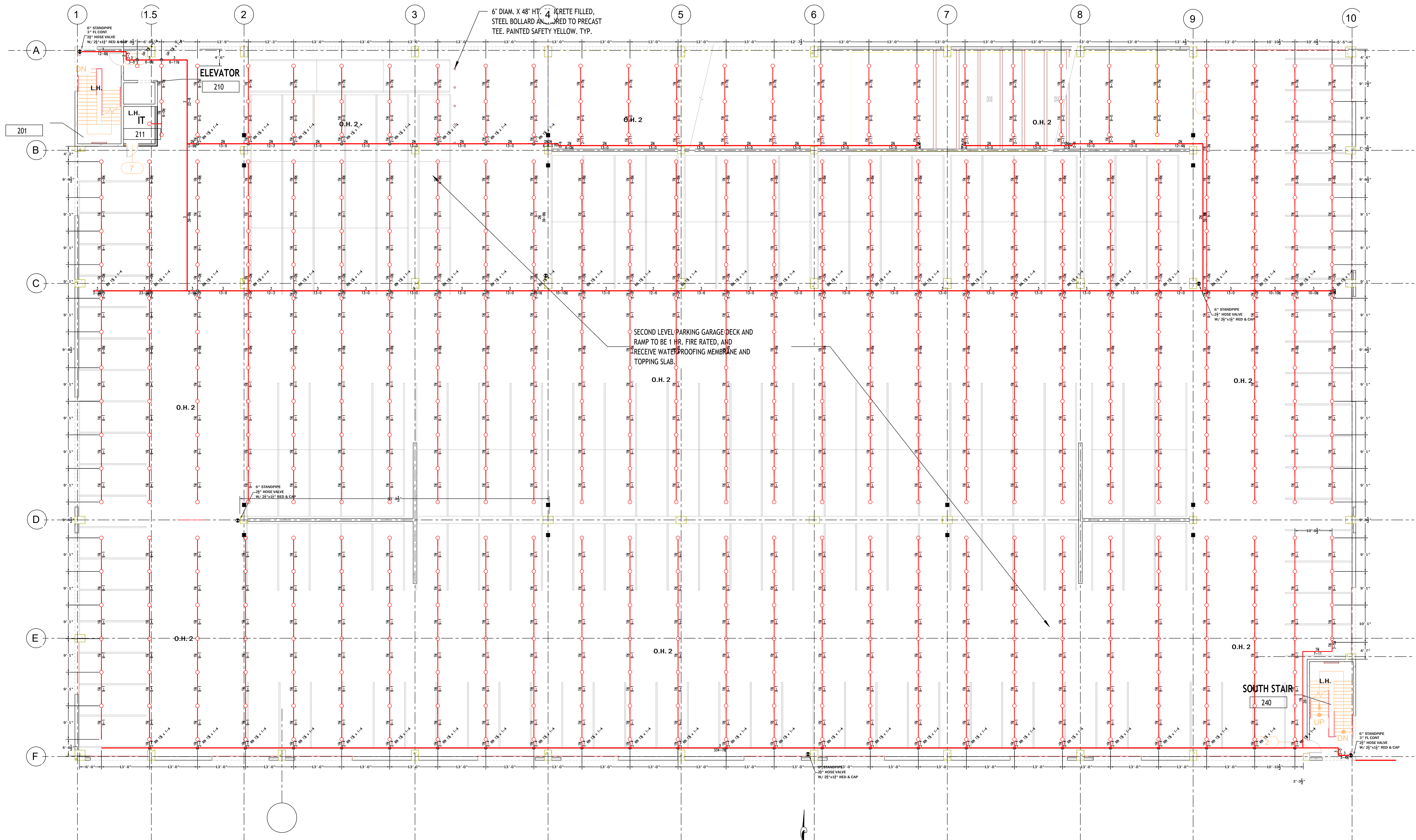
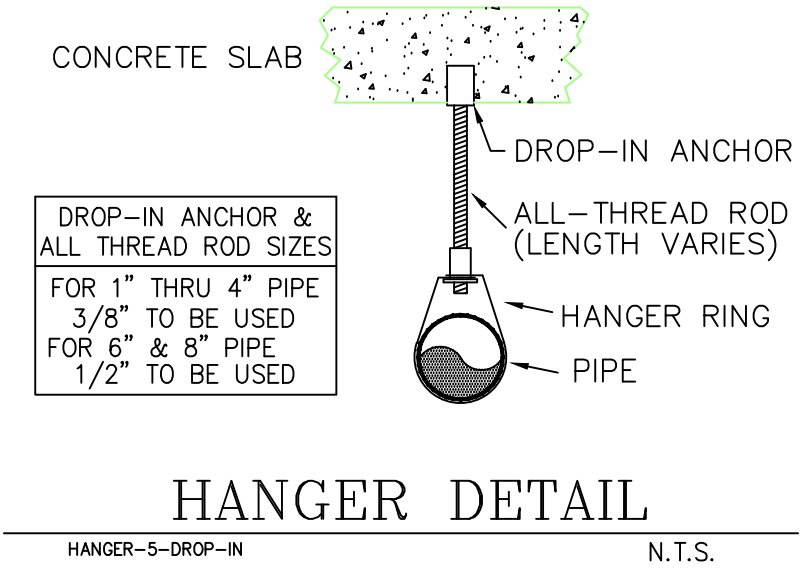




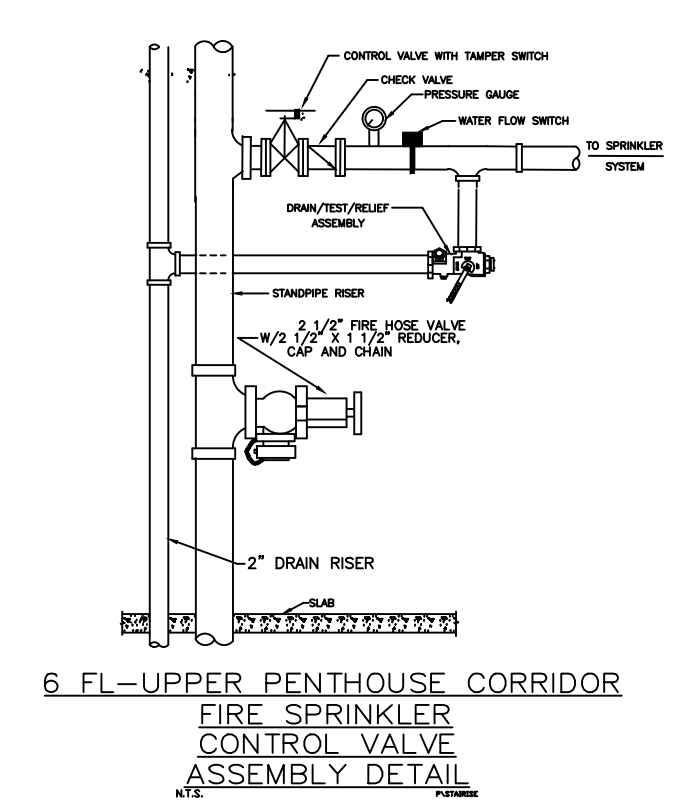
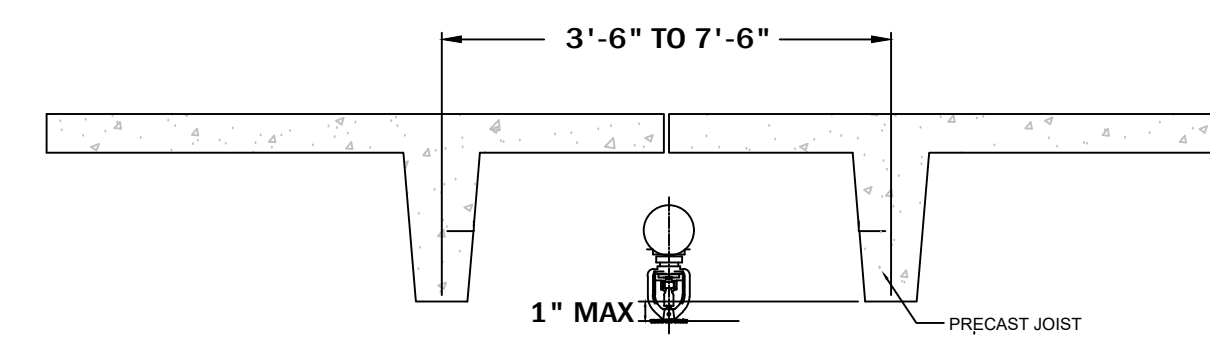
- GENERAL NOTES**
- DESIGN & INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH NFPA 13 (2019 ED. NFPA 24 (2019 ED) AND LOCAL AUTHORITIES.
 - ALL FIRE SPRINKLER DEVICES TO BE UL LISTED AND/OR FM APPROVED.
 - DESIGN CRITERIA AND FIRE SPRINKLER SPACING TO BE:
- | SERVICE AREAS | ORD HAZARD 2 |
|-------------------|--------------|
| 0.20' 1500 GPM | 1500 GPM |
| WITH 200 GPM HOSE | |
- | PARKING | ORD HAZARD 2 |
|-------------------|--------------|
| 0.20' 1500 GPM | 1500 GPM |
| WITH 200 GPM HOSE | |
- | OIL COMPRESSOR RM | EXT HAZARD 1 |
|--|----------------|
| 0.40' 2500 GPM | 2500 GPM |
| EV CHARGER (1ST FLOOR) <td>EXT HAZARD 2</td> | EXT HAZARD 2 |
| | 0.40' 2500 GPM |
- AREA CAN BE REDUCED PER NFPA 13 19.3.3.1.1
- FLOW TEST:** SS STATIC
SS PRESSURAL
1500 GPM FLOW
@ 150' ELEV
- PIPING TO BE INSTALLED:
A. SCH 40 FOR 1" THRU 2" (IN KITCHEN)
B. SCH 10 FOR 2 1/2" AND LARGER (GROOVED PIPE)
 - FITTINGS:
A. BACK OF CLASS 125 FOR 1" THRU 2"
B. GROOVED TYPE FOR 2" AND LARGER
 - HANGERS TO BE IN ACCORDANCE WITH NFPA 13 AND LOCAL AUTHORITIES.
 - N/A
 - SPARE HEAD BOX TO BE PROVIDED (12 HEAD CAPACITY)
 - ALL ELECTRICAL WIRING BY OTHERS
 - NO STORAGE OVER 12" ALLOWED
- 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
 - ELEVATION BELOW TOP OF STEEL
 - ELEVATION ABOVE FINISHED FLOOR
 - ELEVATION @ TOP OF STEEL

**SECOND 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 (IN.)	MAXIMUM DISTANCE BETWEEN HANGERS									
	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	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"
STEEL PIPE (SCHED 40)	N/A	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	N/A	N/A	N/A	N/A
COPPER TUBE	8'-0"	8'-0"	10'-0"	10'-0"	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"
COPPER TUBE	5'-6"	6'-0"	6'-6"	7'-0"	8'-0"	8'-0"	N/A	N/A	N/A	N/A
POLYETHYLENE (PE)	N/A	3'-6"	4'-7"	5'-0"	5'-11"	N/A	N/A	N/A	N/A	N/A
POLYETHYLENE (PE)	2'-11"	3'-4"	3'-11"	4'-5"	5'-5"	N/A	N/A	N/A	N/A	N/A



Sprinkler Head Schedule				
Symbol	Count	Thread	K-Factor	Description
○	561	1/2"	5.6	VIKING VK3021 200' BRASS PENDENT
561 = Total Number of Heads This Floor				

2ND FLOOR

MIAMI LAKES GARAGE
16200 NW 57 AVE
MIAMI LAKES, FL 33014

DRAWN BY: David Sengsaur
SPRKS. ON JOB: 3500

APPROVALS: MIAMI DAGE

DRAWING NAME: MIAMI LAKES GARAGE

CONTRACT NO. 225-029

DATE: SEPTEMBER 16, 2025

SCALE: 3/32" = 1'-0"

STATE LICENSE #112500012001

Brothers
Fire Protection Inc.
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Design Installation Inspection

PE 91339
MILTON E. REINOSO

STATE OF FLORIDA
MILTON E. REINOSO
PE 91339

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MILTON E. REINOSO
PE 91339

DATE: 9/16/25

BY: DS

REVISION DESCRIPTION

0 02/16/25 RELEASE FOR SUBMITTALS

SHEET NO. 225-029 OF 6