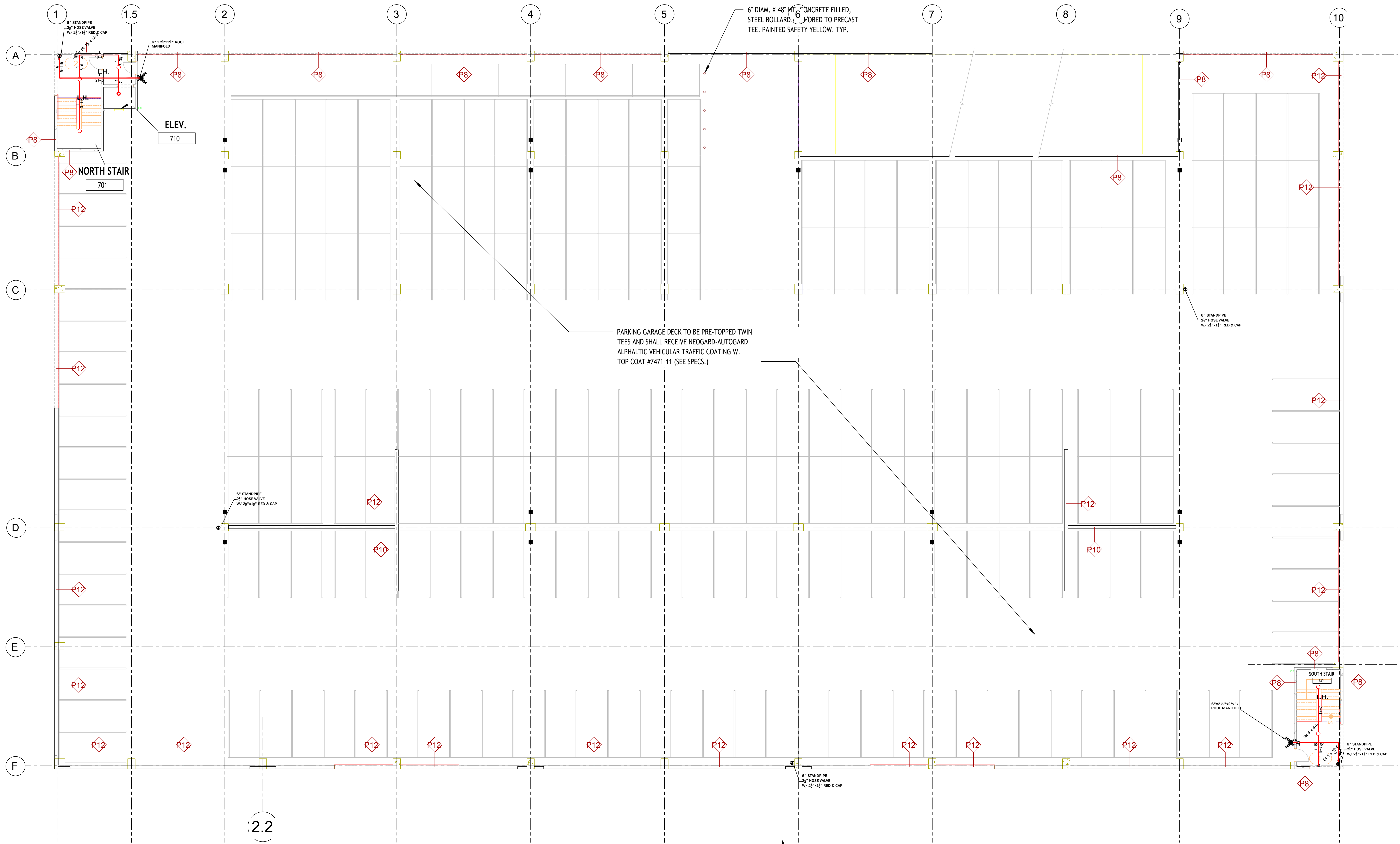




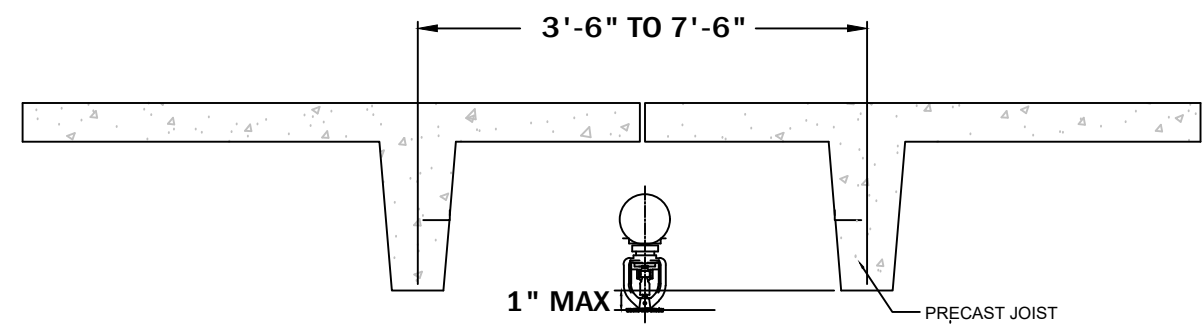
- GENERAL NOTES**
- DESIGN & INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH NFPA 13 2019 ED, NFPA 24 2019 ED AND LOCAL AUTHORITIES.
 - ALL FIRE SPRINKLER DEVICES TO BE UL LISTED AND/OR FM APPROVED.
 - DESIGN CRITERIA AND FIRE SPRINKLER SPACING TO BE:
- | | |
|------------------------|--|
| SERVICE AREAS | ORD HAZARD 2
0.20 1500 SQ FT
WITH 250 GPM HOSE |
| PARKING | ORD HAZARD 2
0.20 1500 SQ FT
WITH 250 GPM HOSE |
| OIL/COMPRESSOR RM | EXT HAZARD 1 |
| EV CHARGER (1ST FLOOR) | EXT HAZARD 2
40/2500 SQ FT |
- AREA CAN BE REDUCED PER NFPA 13 19.3.3.1
- FLOW TEST:** SS STATIC
SS RESIDUAL
1500 GPM FLOW
(30/10/20)
- PIPING TO BE (ASTM A-103)
A. SCH 40 FOR 1" THRU 2" (IN KITCHEN)
B. SCH 10 FOR 2 1/2" AND LARGER (GROOVED PIPE)
 - FITTINGS
A. BLACK OIL 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

**ROOF
FIRE SPRINKLER PLAN**
SCALE: 1/8"=1'-0"

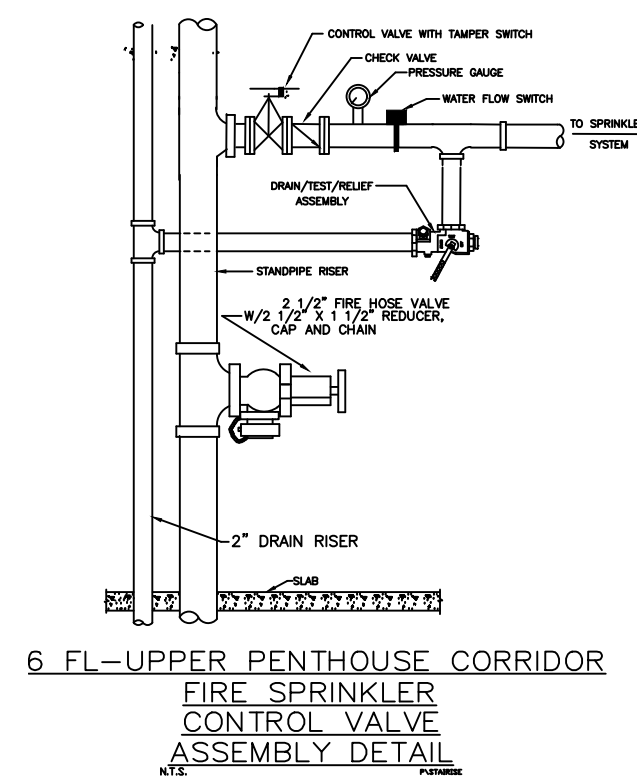
HAZARD LEGEND

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

NOMINAL PIPE SIZE (IN.)	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	5"	6"	8"
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12-0	12-0	15-0	15-0	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	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	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	N/A	N/A
POLYETHYLENE (PE)	N/A	3-8	4-7	5-0	5-11	N/A	N/A	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	N/A	N/A

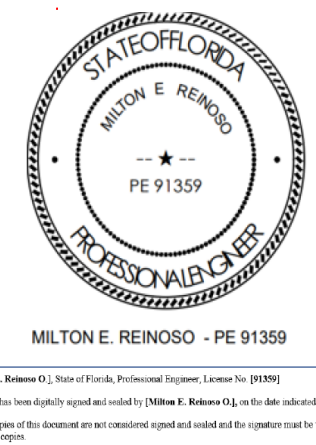


TYPICAL SPRINKLER INSTALLATION DETAIL
N.T.S.



Sprinkler Head Schedule					Description	Note
Symbol	Count	Thread	K-Factor			
○	5	1/2"	5.6		TYCO TYFRB 155° BRASS PENDENT	
●	1	1/2"	5.6		TYCO TYFRB 200° OR BRASS UPRIGHTS	

6 = Total Number of Heads ROOF



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

DRAWN BY: David Sengsaurinho
SPRKS. ON JOB: 3503
APPROVALS: MIAMI DAGE
DRAWING NAME: MIAMI LAKES GARAGE
CONTRACT NO. 225-029

DATE: SEPTEMBER 16, 2025
SCALE: 3/32" = 1'-0"

BY: DS
REVISION DESCRIPTION
0 02/16/22 RELEASE FOR SUBMITTALS

STATE LICENSE #41126500012001

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

PE 91339
MILTON E. REINOSCO
FIRE PROTECTION ENGINEER
STATE OF FLORIDA

STATE LICENSE #41126500012001