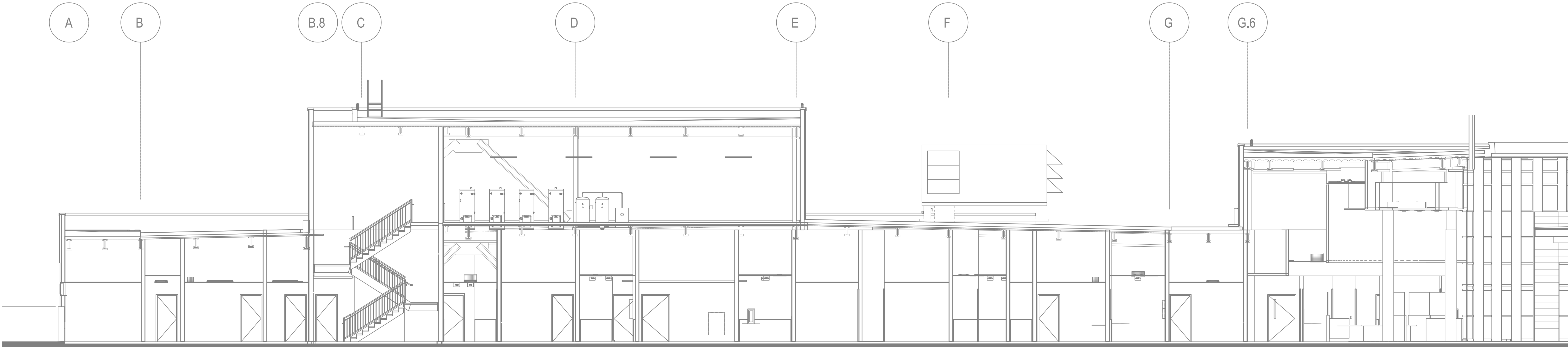
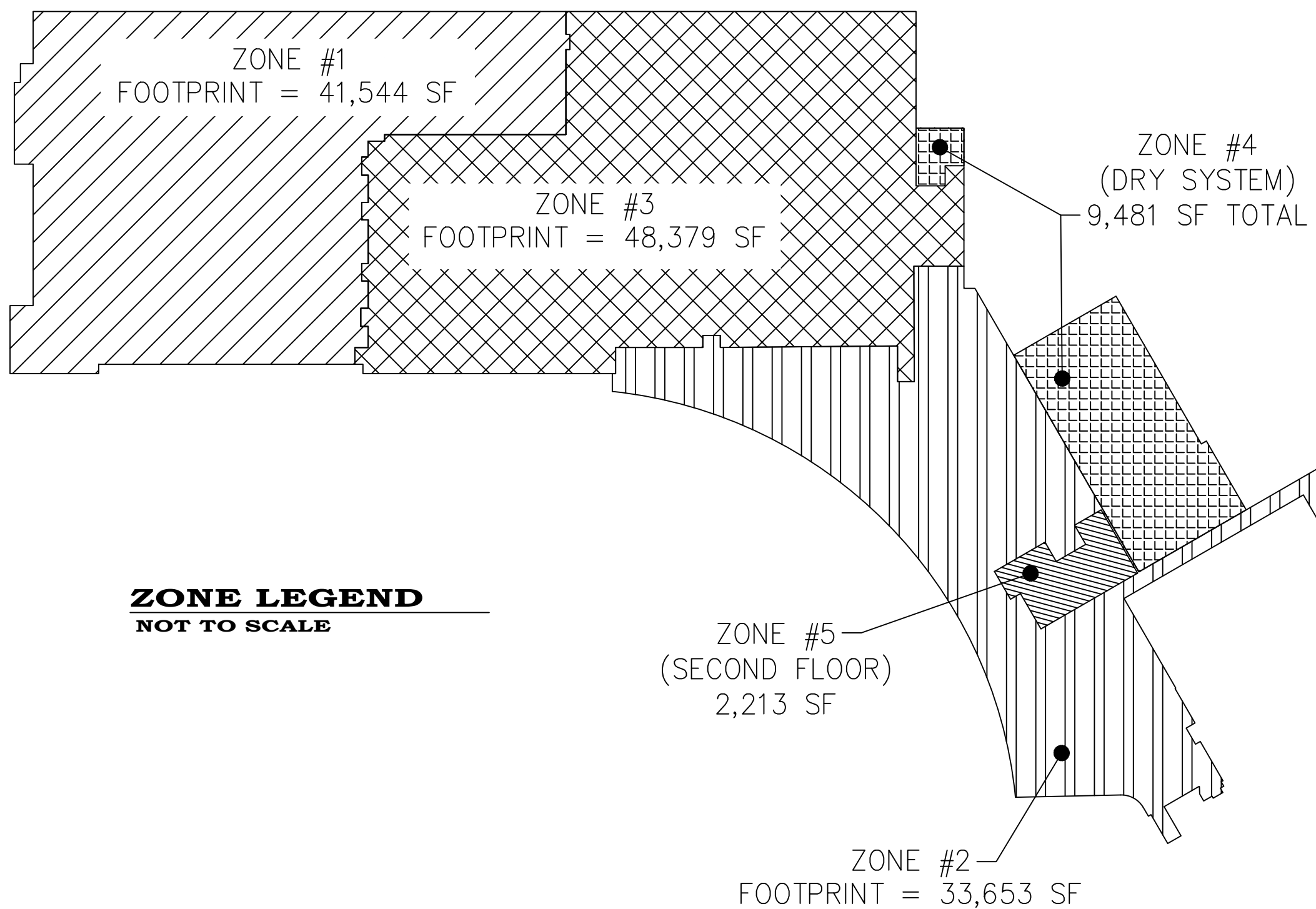


- GENERAL NOTES
- INTERNATIONAL BUILDING CODE (2009)
 - OCCUPANCY: GROUP TYPE I-2; INSTITUTIONAL/NEW HEALTH CARE
 - TYPE OF CONSTRUCTION: IA AND IB (NONCOMBUSTIBLE CONSTRUCTION)
 - SPRINKLERED AREAS - SEE ZONE PLAN
 - INSTALLATION STANDARDS: SPRINKLER SYSTEM DESIGNED AND INSTALLED PER NFPA 13 (2016) AND FM GLOBAL (MOST RECENT DATA SHEETS AS OF MARCH 2019)
 - SPRINKLER PIPE TYPES:
 - ~~WET~~
 - 1" THROUGH 1-1/4" TO BE BLACK SCH. 40 PIPING WITH ICS GROOVED FITTINGS
 - 1-1/2" THROUGH 6" TO BE BLACK SCH. 10 PIPING WITH SHORT RADIUS GROOVED FITTINGS
 - ~~DRY~~
 - 1" TO BE GALVANIZED SCH. 40 PIPING WITH GALVANIZED THREADED FITTINGS
 - 1-1/2" THROUGH 4" TO BE GALV SCH. 40 WITH GALVANIZED SHORT RADIUS GROOVED FITTINGS
 - ~~FOAM WATER~~
 - 1" TO BE SCH. 40 PIPING WITH THREADED FITTINGS
 - 4" THROUGH 6" TO BE SCH. 40 WITH SHORT RADIUS GROOVED FITTINGS
 - PIPING UPSTREAM OF THE FOAM SKID TO BE BLACK STEEL WITH PAINTED FITTINGS. PIPING DOWNSTREAM OF THE FOAM SKID TO BE GALVANIZED WITH GALVANIZED FITTINGS
 - DESIGN CRITERIA
 - HCI AREAS DESIGNED TO DELIVER 0.10 GPM/SF OVER THE MOST DEMANDING 1500 SF
 - HCI AREAS DESIGNED TO DELIVER 0.20 GPM/SF OVER THE MOST DEMANDING 2500 SF
 - GENERATOR 161 DESIGNED TO DELIVER 0.30 GPM/SF OVER THE ENTIRE ROOM
 - NOTES:
 - ALL MATERIAL TO BE NEW, MEET U.I. STANDARDS, AND BE FM APPROVED
 - HANGERS TO BE INSTALLED IN ACCORDANCE WITH NFPA 13 AND FM GLOBAL
 - DRY SYSTEM PIPE SLOPE INSTALLATION: SPRINKLER MAINS TO BE 1/4" PER 10 FEET SPRINKLER BRANCH LINES TO BE 1/2" PER 10 FEET
 - DRY SYSTEM CAPACITY: NUMBER OF GALLONS = 325
 - SYMBOLS USED ON DRAWINGS:
 - PIPE ELEVATION A.F.F
 - PIPE ELEVATION BELOW B.O.D
 - ROOM HAZARD CLASSIFICATION (ALL ROOMS ARE CONSIDERED HCI UNLESS NOTED)
 - HYDRAULIC CALCULATION JUNCTION POINT
 - CEILING HEIGHT
 - LATERAL SEISMIC BRACE (PERPENDICULAR TO PIPING)
 - LONGITUDINAL SEISMIC BRACE (PARALLEL TO PIPING)
 - FOUR-WAY SEISMIC BRACE
 - SCOPE OF WORK:
 - BUILDING ADDITION TO BE PROTECTED THROUGHOUT BY NEW FIRE SPRINKLER SYSTEMS AND CLEAN AGENT SYSTEM
 - GENERATOR 161 IS TO BE PROTECTED BY A DRY FIRE SPRINKLER SYSTEM
 - EMERG ELECT 164, MRI (ZONE IV) 177, MRI EQUIP CLOSET 178, AND EQUIP 180 TO BE PROTECTED BY A CLEAN AGENT SYSTEM
 - ALL OTHER AREAS TO BE PROTECTED BY WET FIRE SPRINKLER SYSTEMS
 - HELIPAD TO BE PROTECTED AS FOLLOWS:
 - HELIPAD SURFACE TO BE PROTECTED BY FOAM WATER SYSTEM DESIGNED BY HELIPORT SYSTEMS INC. (SEE FP-1, PREPARED BY HELIPORT SYSTEMS INC, INCLUDED AT THE END OF THIS FIRE SPRINKLER SUBMITTAL FOR MORE INFORMATION)
 - DRY FIRE SPRINKLER SYSTEM TO BE PROVIDED BENEATH HELIPAD
 - EXISTING BUILDING IS EQUIPPED WITH AN EXISTING FIRE SPRINKLER SYSTEM THAT IS TO BE MODIFIED AS NECESSARY TO ACCOMMODATE NEW PLANS
 - FIRE SPRINKLER SYSTEMS TO BE INSTALLED IN ACCORDANCE WITH THE LOCAL AUTHORITY HAVING JURISDICTION, NFPA 13, AND FM GLOBAL

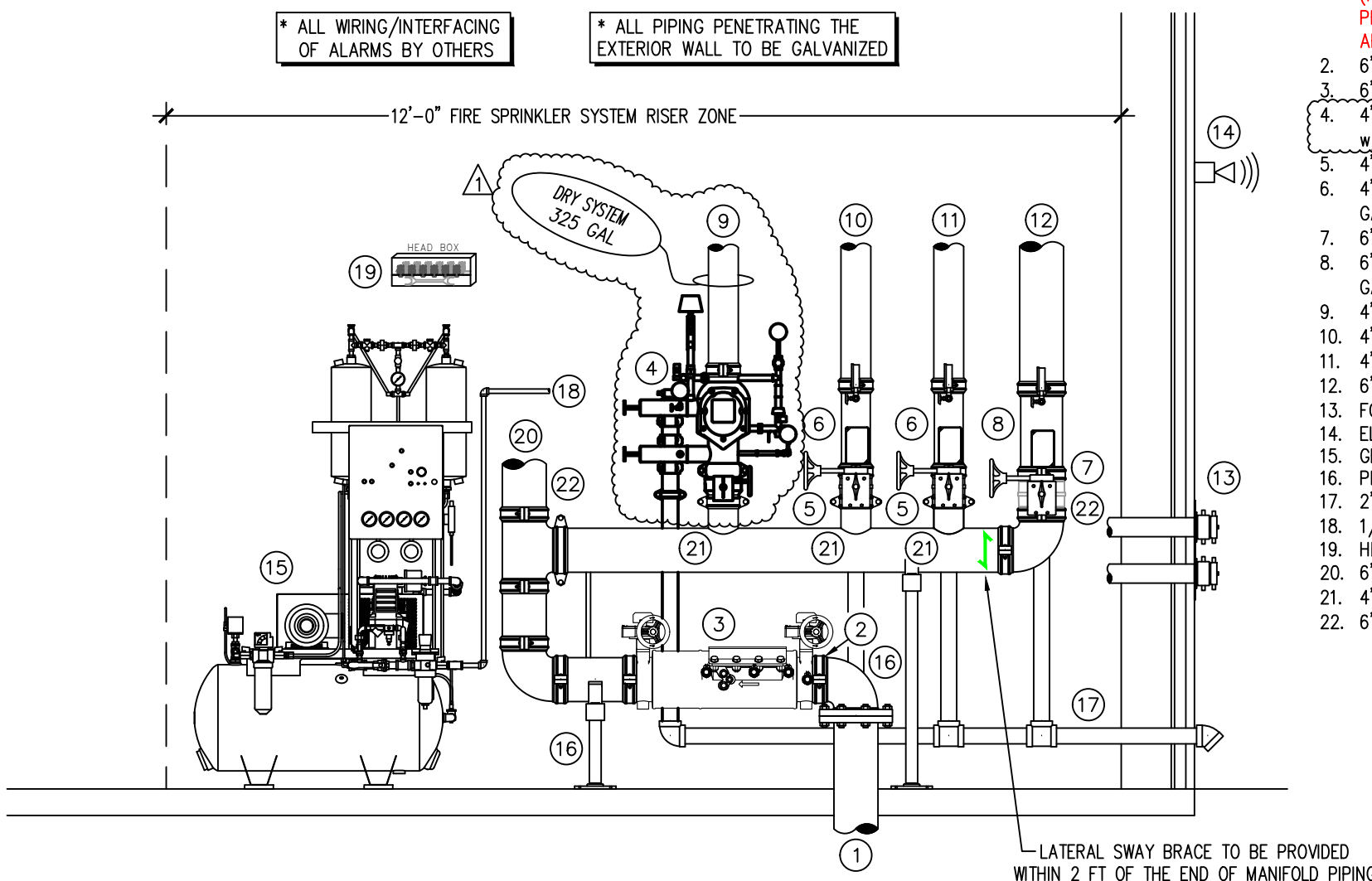


BUILDING SECTION "A"
SCALE: 1/8" = 1'-0"

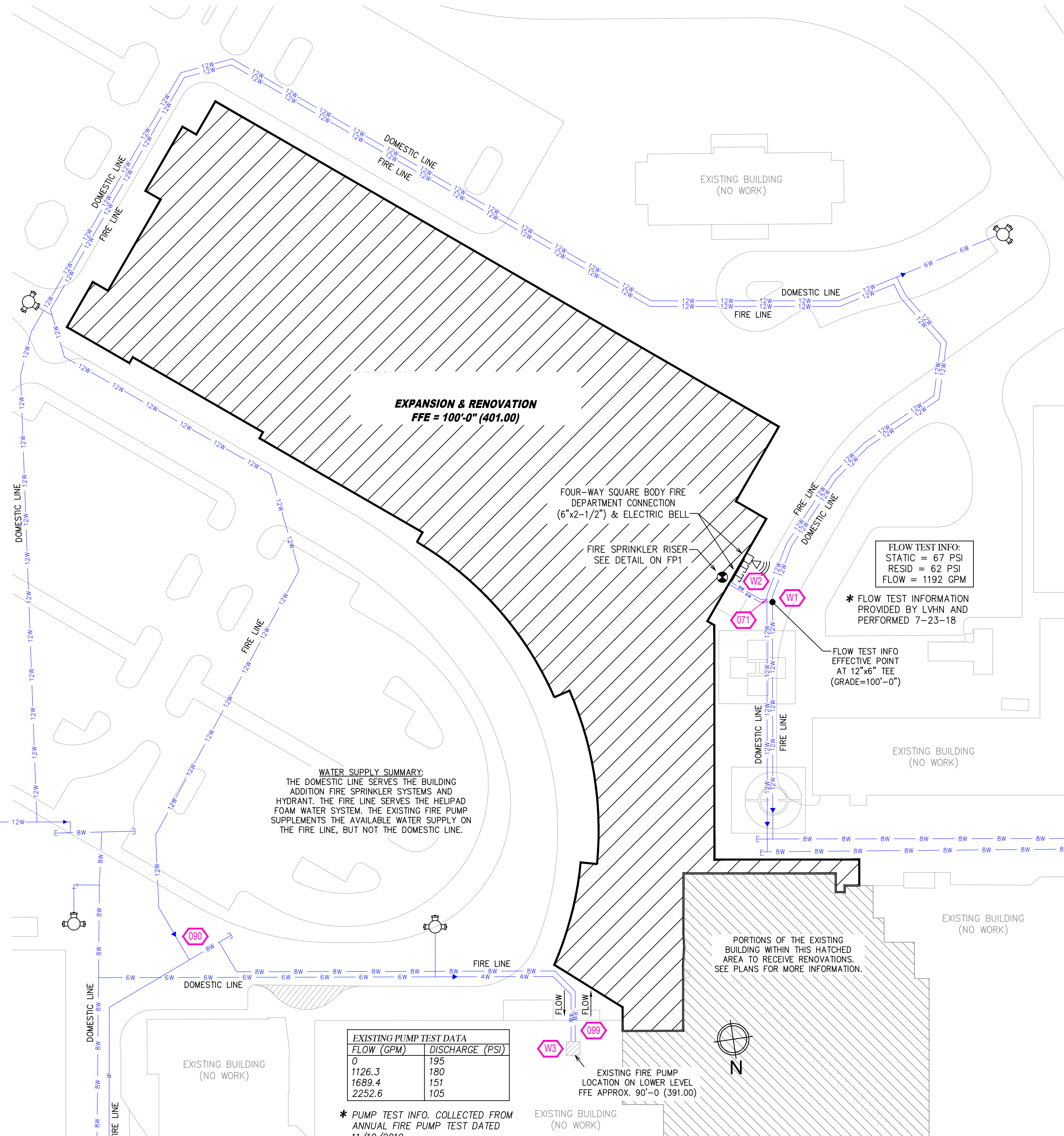


ZONE LEGEND
NOT TO SCALE

- RISER LEGEND**
- 6" UNDERGROUND DOMESTIC WATER SERVICE (BY OTHERS)
(FLUSHING & TESTING OF THE UNDERGROUND SHALL BE COMPLETED PRIOR TO THE SPRINKLER SYSTEM HOOKUP. UNDERGROUND PAPERS ARE TO BE SUPPLIED TO THE "FP" CONTRACTOR BY THE G.C.)
 - 6" GROOVED FLANGE
 - 6" DERINGER 30 BACKFLOW DSG.BV. w/ TAMPER
 - 4" METALLIC MODEL 765N DRY VALVE w/ 4" GROOVED CONTROL VALVE w/ TAMPER
 - 4" GROOVED BUTTERFLY VALVE w/ TAMPER
 - 4" GROOVED COMMERCIAL RISER MANFOLD w/ FLOW SWITCH, PRESSURE GAUGE, & TEST AND DRAIN w/ PRV
 - 6" GROOVED BUTTERFLY VALVE w/ TAMPER
 - 6" GROOVED COMMERCIAL RISER MANFOLD w/ FLOW SWITCH, PRESSURE GAUGE, & TEST AND DRAIN w/ PRV
 - 4" TO DRY SYSTEM (ZONE #4)
 - 4" TO ZONE #1 (AREA A AND PART OF AREA B)
 - 4" TO ZONE #2 (AREAS D AND E)
 - 6" TO ZONE #3 (PART OF AREA B AND AREA C)
 - FOUR-WAY SQUARE BODY FIRE DEPARTMENT CONNECTION (6"x2-1/2")
 - ELECTRIC BELL
 - GENERAL AIR DAPSODA SERIES AIR COMPRESSOR
 - PIPE STAND
 - 2" COMBINED MAIN DRAIN PIPED TO OUTSIDE
 - 1/2" TO/FROM DRY VALVE AND AIR COMPRESSOR
 - HEAD BOX
 - 6" TO STANDPIPES AND FIRE DEPARTMENT CONNECTION
 - 4" FLEXIBLE COUPLING
 - 6" FLEXIBLE COUPLING



FIRE SPRINKLER RISER DETAIL
SCALE: 1/2" = 1'-0"



EXISTING PUMP TEST DATA	
FLOW (GPM)	DISCHARGE (PSI)
0	195
1126.3	180
1689.4	151
2252.6	105

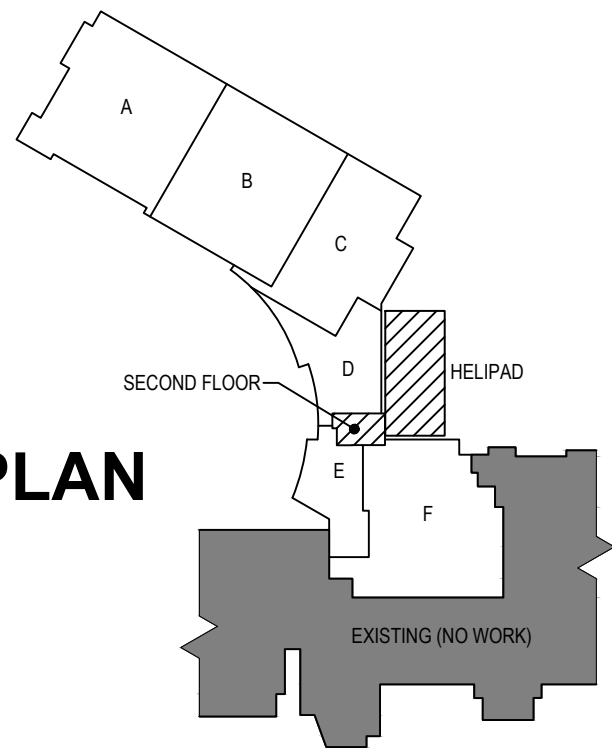
* PUMP TEST INFO. COLLECTED FROM ANNUAL FIRE PUMP TEST DATED 11/10/2019

SITE PLAN
SCALE: 1" = 50'

OWNER TO SUPPLY ADEQUATE HEAT IN ALL AREAS WHERE SPRINKLER PIPING MAY FREEZE.

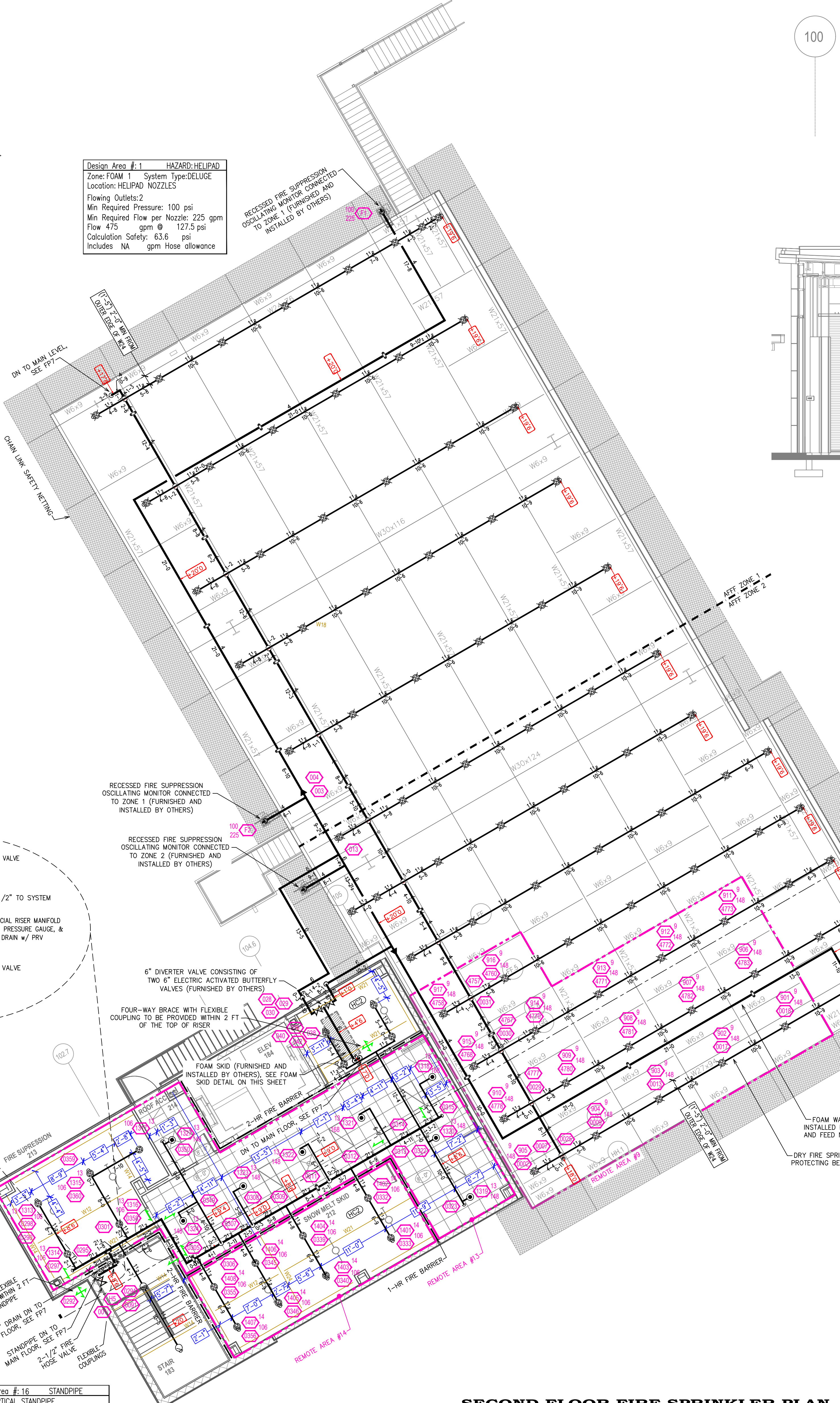
SPRINKLER LEGEND (1487 TOTAL)										GRAPHIC SCALE - 1/8" = 1'-0"		
QTY.	UNIT	TYPE	FINISH	TEMP	TEMP	TEMP	TEMP	TEMP	TEMP	REVISIONS	DATE	BY
1	1028	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	155	5.00	1/2"	NK462	IRVING			
2	62	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	165	8.00	3/4"	NK462	IRVING			
2	81	UPRIGHT	NONE	BRASS	200	8.00	3/4"	NK200	IRVING			
2	81	UPRIGHT	NONE	BRASS	200	8.00	3/4"	NK200	IRVING			
2	81	UPRIGHT	NONE	BRASS	200	8.00	3/4"	NK200	IRVING			
1	4	UPRIGHT	NONE	BRASS	155	5.00	1/2"	NK300	IRVING			
1	3	UPRIGHT	NONE	BRASS	155	5.00	1/2"	NK300	IRVING			
2	80	UPRIGHT	CONCEALED, WHITE COVER PLATE	BRASS	200	5.00	1/2"	NK462	IRVING			
2	16	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	165	5.00	1/2"	NK462	IRVING			
2	16	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	165	5.00	1/2"	NK462	IRVING			
1	7	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	155	5.00	1/2"	NK300	IRVING			
0	53	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	155	5.00	1/2"	NK300	IRVING			
0	12	PENDING	CONCEALED, WHITE COVER PLATE	BRASS	165	8.00	3/4"	NK462	IRVING			

KEY PLAN



Design Area #1 HAZARD:HELIPAD
Zone:FOAM 1 System Type:DELUGE
Location:HELIPAD NOZZLES
Flowing Outlets:2
Min Required Pressure: 100 psi
Min Required Flow per Nozzle: 225 gpm
Flow 475 gpm @ 127.5 psi
Calculation Safety: 63.6 psi
Includes NA gpm Hose allowance

RECESSED FIRE SUPPRESSION
OSCILLATING MONITOR CONNECTED
TO ZONE 1 (FURNISHED AND
INSTALLED BY OTHERS)



Design Area #9 HAZARD:HC1
Zone:4 System Type:DRY
Location:HELIPAD
Flowing Outlets:17
Density: 0.10 Remote Area: 1500
Flow 526.5 gpm @ 40.5 psi
Calculation Safety: 25.4 psi
Includes 250 gpm Hose allowance
DESIGN NOTE:
1500 SF CALCULATED PER FM GLOBAL
DATA SHEET 3-26

FLUID DELIVERY TIME CALCULATION #1
(ONE OPEN SPRINKLER HEAD PER FM)
REQUIRED DELIVERY TIME = 60 SECONDS
ACTUAL DELIVERY TIME = 38.87 SECONDS
STARTING AIR PRESSURE = 13 PSI

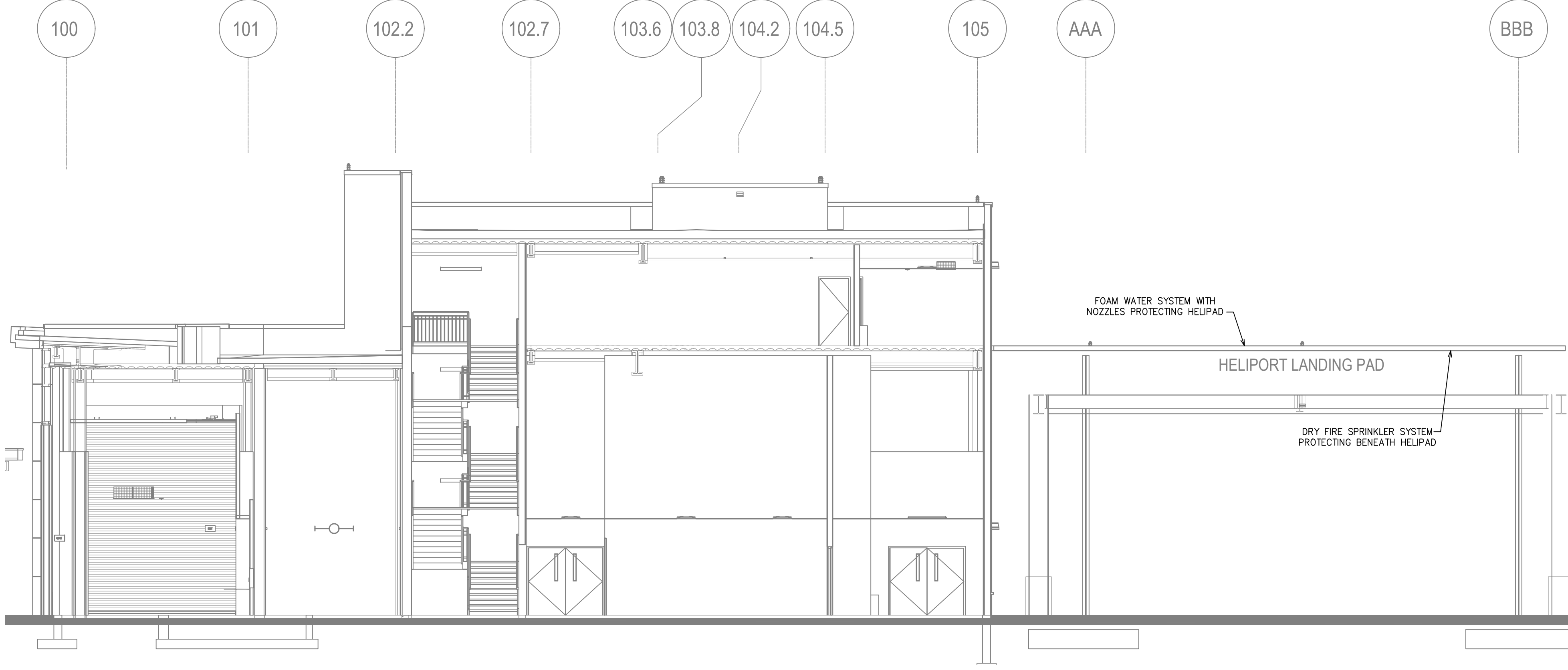
RECESSED FIRE SUPPRESSION
OSCILLATING MONITOR CONNECTED
TO ZONE 2 (FURNISHED AND
INSTALLED BY OTHERS)

FOAM WATER SYSTEM PIPING TO BE
INSTALLED BENEATH HELIPAD STRUCTURE
AND FEED NOZZLES PROTECTING HELIPAD

DRY FIRE SPRINKLER SYSTEM
PROTECTING BENEATH HELIPAD

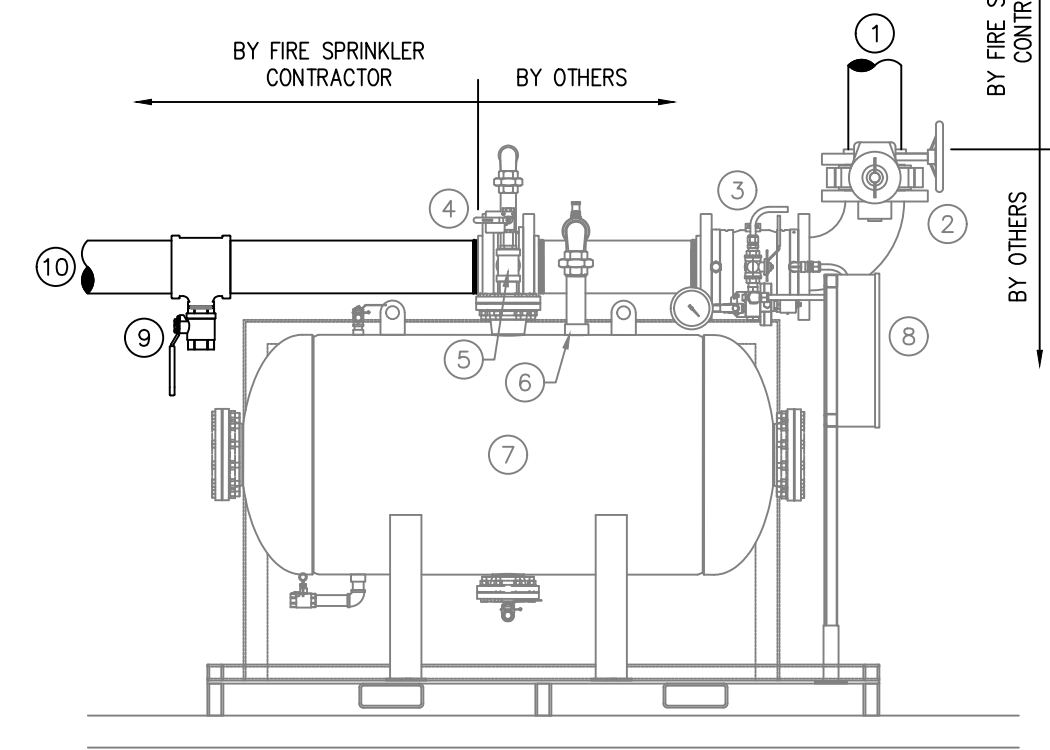
SECOND FLOOR FIRE SPRINKLER PLAN

SCALE: 1/8" = 1'-0"



BUILDING SECTION "B"

SCALE: 1/8" = 1'-0"



FOAM SKID DETAIL

SCALE: 1/2" = 1'-0"

FOAM SKID LEGEND

- 6" BULK FEED MAIN TO RISER (SEE PLANS FOR MORE INFORMATION)
- 6" SUPERVISED BUTTERFLY VALVE
- 6" ELECTRIC DELUGE VALVE
- 6" PROPORTIONER
- 2" CONCENTRATE OUTLET
- 2" WATER INLET
- 150 GALLON BLADDER TANK
- FIRE PANEL
- 1" LINE DRAIN VALVE
- 6" TO 3-WAY DIVERTER VALVE

NOTE: COMPONENTS SHOWN FADED ARE
FURNISHED AND INSTALLED BY OTHERS

Design Area #13 HAZARD:HC1
Zone:5 System Type:WET
Location:SECOND FLOOR
Flowing Outlets:13
Density: 0.10 Remote Area: ALL
Flow 520.1 gpm @ 51.3 psi
Calculation Safety: 14.7 psi
Includes 250 gpm Hose allowance

DESIGN NOTE:
HC1 AREAS ARE SEPARATED FROM HC2
AREA BY FIRE RESISTIVE RATED
CONSTRUCTION; THEREFORE, DESIGN AREA
INCLUDES ALL HC1 AREAS ONLY.

Design Area #14 HAZARD:HC2
Zone:5 System Type:WET
Location:SNOW MELT SKID 212
Flowing Outlets:8
Density: 0.20 Remote Area: ALL
Flow 422.2 gpm @ 38.8 psi
Calculation Safety: 27.5 psi
Includes 250 gpm Hose allowance

DESIGN NOTE:
HC2 AREAS ARE SEPARATED FROM
ADJACENT AREAS BY FIRE RESISTIVE
RATED CONSTRUCTION; THEREFORE,
DESIGN AREA INCLUDES ONLY HC2 AREA.

Design Area #16 STANDPIPE
Zone:VERTICAL STANDPIPE
Location:SECOND FLOOR
Flowing Valves: 4
Min Required Pressure: 100 psi
Min Required Flow per Valve: 250 gpm
Flow 1000 gpm @ 149.5 psi

DESIGN NOTE:
CLASS I MANUAL WET VERTICAL STANDPIPE CALCULATED IN ACCORDANCE WITH FM GLOBAL
AND NFPA 14. HYDRAULIC CALCULATION BASED ON PROVIDING 250 GPM AT THE TWO MOST
REMOTE HOSE CONNECTIONS AND 500 GPM AT THE OTHER (HORIZONTAL) STANDPIPE (250
GPM PER HOSE CONNECTION). TOTAL MAXIMUM FLOW RATE REQUIRED IS 1000 GPM SINCE
THE BUILDING IS SPRINKLERED THROUGHOUT AND MORE THAN 80,000 SF PER FLOOR.

OWNER TO SUPPLY ADEQUATE HEAT IN ALL AREAS WHERE SPRINKLER PIPING MAY FREEZE.									
SPRINKLER LEGEND (1487 TOTAL)									
QTY IN HEAD BOX	TYPE	ESQUT.	FINISH	K-FACT.	THREA.	SIN	MODEL	MANUF.	SYMBOL
1028	PENDENT	CONCEALED, WHITE COVER PLATE	BRASS	155	5.00	1/2"	NK462	WING	⊙
62	PENDENT	CONCEALED, WHITE COVER PLATE	BRASS	165	8.00	3/4"	RAA417	OS-BOP	⊙
2	UPRIGHT	NONE	BRASS	200	8.00	3/4"	NK200	MICROMATIC WING	⊙
49	UPRIGHT	ON SPRIG	BRASS	200	8.00	3/4"	NK200	MICROMATIC WING	⊙
23	PENDENT	FLUSH	CHROME	155	5.00	1/2"	NK410	INSTITUTIONAL WING	⊙
4	UPRIGHT	NONE	BRASS	155	5.00	1/2"	NK300	MICROFAST WING	⊙
1	UPRIGHT	ON SPRIG	BRASS	155	5.00	1/2"	NK300	MICROFAST WING	⊙
38	PENDENT	CONCEALED, WHITE COVER PLATE (W/OUT)	BRASS	165	8.00	3/4"	RAA415	OS-BOP	⊙
2	UPRIGHT	NONE	BRASS	200	8.00	3/4"	NK200	MICROMATIC WING	⊙
16	PENDENT	CONCEALED, WHITE COVER PLATE (W/OUT)	BRASS	165	8.00	3/4"	RAA417	OS-BOP	⊙
1	SIDEWALL	NONE	BRASS	200	5.60	1/2"	NK104	MICROMATIC WING	◀
1	SIDEWALL	SEMI-RECESSED	CHROME	155	5.60	1/2"	NK305	MICROFAST WING	◀
0	PENDENT	CONCEALED, WHITE COVER PLATE (R/W AREA)	BRASS	155	5.60	1/2"	NK462	WING	⊙
0	PENDENT	CONCEALED, WHITE COVER PLATE (R/W AREA)	BRASS	155	8.00	3/4"	RAA417	OS-BOP	⊙

GRAPHIC SCALE - 1/8"=1'-0"

REVISIONS

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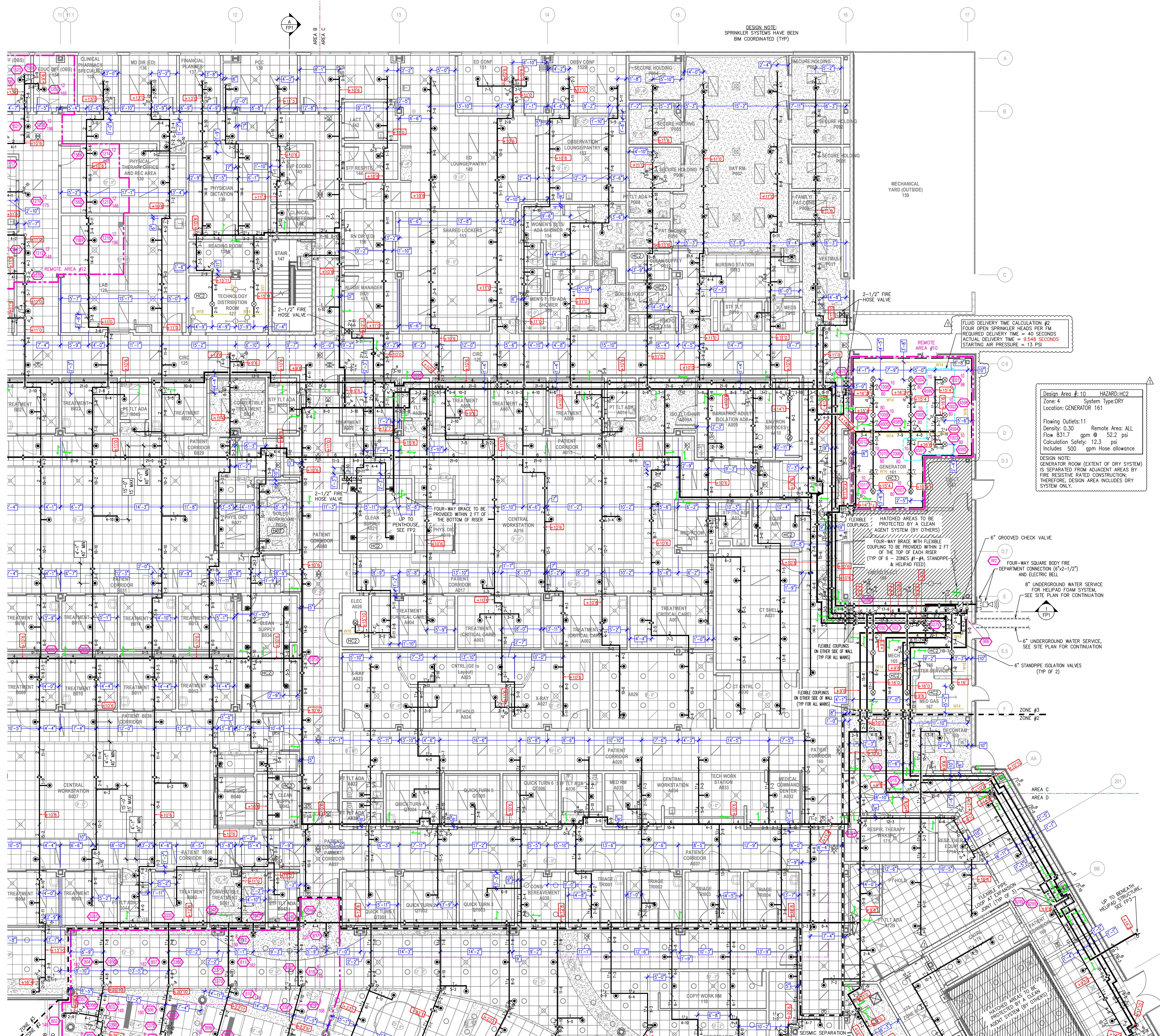
JOB NO.

19-5140

DATE

2-12-20

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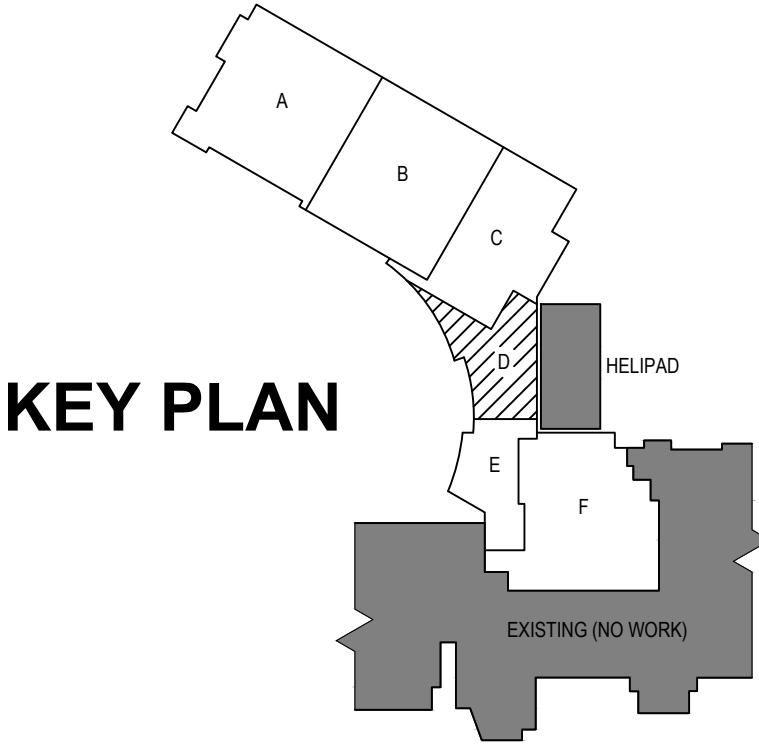
FIRE SPRINKLER PLAN - AREA C
SCALE: 1/8" = 1'-0"

KEY PLAN

OWNER TO SUPPLY ADEQUATE HEAT IN ALL AREAS WHERE SPRINKLER PIPING MAY FREEZE.

SPRINKLER LEGEND (1467 TOTAL)

OWNER TO SUPPLY ADEQUATE HEAT														
QTY.	QTY.	TYPE	ESQUL											
			1028	PENDING	CONCEALED, WHITE COVER PLATE	62	PENDING	CONCEALED, WHITE COVER PLATE	91	UPRIGHT	NONE			
2	91	UPRIGHT <td>2</td> <td>48</td> <td>UPRIGHT<td>ON SPRING<td>14</td><td>UPRIGHT<td>NONE<td>1</td><td>UPRIGHT<td>ON SPRING</td></td></td></td></td></td>	2	48	UPRIGHT <td>ON SPRING<td>14</td><td>UPRIGHT<td>NONE<td>1</td><td>UPRIGHT<td>ON SPRING</td></td></td></td></td>	ON SPRING <td>14</td> <td>UPRIGHT<td>NONE<td>1</td><td>UPRIGHT<td>ON SPRING</td></td></td></td>	14	UPRIGHT <td>NONE<td>1</td><td>UPRIGHT<td>ON SPRING</td></td></td>	NONE <td>1</td> <td>UPRIGHT<td>ON SPRING</td></td>	1	UPRIGHT <td>ON SPRING</td>	ON SPRING		
2	23	PENDING <td>ON SPRING<td>1</td><td>UPRIGHT<td>ON SPRING<td>2</td><td>80</td><td>UPRIGHT<td>ON SPRING<td>2</td><td>58</td><td>PENDING</td></td></td></td></td></td>	ON SPRING <td>1</td> <td>UPRIGHT<td>ON SPRING<td>2</td><td>80</td><td>UPRIGHT<td>ON SPRING<td>2</td><td>58</td><td>PENDING</td></td></td></td></td>	1	UPRIGHT <td>ON SPRING<td>2</td><td>80</td><td>UPRIGHT<td>ON SPRING<td>2</td><td>58</td><td>PENDING</td></td></td></td>	ON SPRING <td>2</td> <td>80</td> <td>UPRIGHT<td>ON SPRING<td>2</td><td>58</td><td>PENDING</td></td></td>	2	80	UPRIGHT <td>ON SPRING<td>2</td><td>58</td><td>PENDING</td></td>	ON SPRING <td>2</td> <td>58</td> <td>PENDING</td>	2	58	PENDING	
2	16	PENDING <td>CONCEALED, WHITE COVER PLATE W/OUT<td>2</td><td>16</td><td>PENDING<td>CONCEALED, WHITE COVER PLATE W/OUT<td>1</td><td>1</td><td>SIGNAL<td>NONE<td>1</td><td>1</td><td>SIGNAL</td></td></td></td></td></td>	CONCEALED, WHITE COVER PLATE W/OUT <td>2</td> <td>16</td> <td>PENDING<td>CONCEALED, WHITE COVER PLATE W/OUT<td>1</td><td>1</td><td>SIGNAL<td>NONE<td>1</td><td>1</td><td>SIGNAL</td></td></td></td></td>	2	16	PENDING <td>CONCEALED, WHITE COVER PLATE W/OUT<td>1</td><td>1</td><td>SIGNAL<td>NONE<td>1</td><td>1</td><td>SIGNAL</td></td></td></td>	CONCEALED, WHITE COVER PLATE W/OUT <td>1</td> <td>1</td> <td>SIGNAL<td>NONE<td>1</td><td>1</td><td>SIGNAL</td></td></td>	1	1	SIGNAL <td>NONE<td>1</td><td>1</td><td>SIGNAL</td></td>	NONE <td>1</td> <td>1</td> <td>SIGNAL</td>	1	1	SIGNAL
1	1	SIGNAL <td>SEAL-RECESSED<td>0</td><td>53</td><td>PENDING<td>CONCEALED, WHITE COVER PLATE (RND AREA)<td>12</td><td>12</td><td>PENDING<td>CONCEALED, WHITE COVER PLATE</td></td></td></td></td>	SEAL-RECESSED <td>0</td> <td>53</td> <td>PENDING<td>CONCEALED, WHITE COVER PLATE (RND AREA)<td>12</td><td>12</td><td>PENDING<td>CONCEALED, WHITE COVER PLATE</td></td></td></td>	0	53	PENDING <td>CONCEALED, WHITE COVER PLATE (RND AREA)<td>12</td><td>12</td><td>PENDING<td>CONCEALED, WHITE COVER PLATE</td></td></td>	CONCEALED, WHITE COVER PLATE (RND AREA) <td>12</td> <td>12</td> <td>PENDING<td>CONCEALED, WHITE COVER PLATE</td></td>	12	12	PENDING <td>CONCEALED, WHITE COVER PLATE</td>	CONCEALED, WHITE COVER PLATE			



Design Area # 8 HAZARD: HC1
Zone: 2 System Type: WET
Location: LOBBY
Flowing Outlets: 17
Density: 0.10 Remote Area: 1542
Flow 625.8 gpm @ 46.2 psi
Calculation Safety: 19.3 psi
Includes 250 gpm Hose allowance
DESIGN NOTE:
1500 SF CALCULATED PER FM GLOBAL
DATA SHEET 3-26

FIRE SPRINKLER PLAN - AREA D
SCALE: 1/8" = 1'-0"

Design Area # 7 HAZARD: HC1
Zone: 2 System Type: WET
Location: TRAUMA
Flowing Outlets: 15
Density: 0.10 Remote Area: 1545
Flow 586.6 gpm @ 54.9 psi
Calculation Safety: 10.8 psi
Includes 250 gpm Hose allowance
DESIGN NOTE:
1500 SF CALCULATED PER FM GLOBAL
DATA SHEET 3-26

DESIGN NOTE:
SPRINKLER SYSTEMS HAVE BEEN
BIM COORDINATED (TYP)

CEILING WITHIN THIS OUTLINED AREA IS TIGHT-
TO-BOTTOM OF ROOF DECK, THEREFORE,
SIDEWALL SPRINKLERS TO BE UTILIZED WHERE
SHOWN IN LIEU OF PENDENT SPRINKLERS.

OWNER TO SUPPLY ADEQUATE HEAT IN ALL AREAS WHERE SPRINKLER PIPING MAY FREEZE.									
SPRINKLER LEGEND (1467 DTD)									
QTY	TYPE	ESQUT.	FINISH	TEMP. IN-FACT	THREAD	SIN	MODEL	MANUF.	SYMBOL
6	102B	PENST	CONCEALED, WHITE COVER PLATE	BRASS	155	5/6" 1/2"	W4452	MIRAGE	⊙
2	6	PENST	CONCEALED, WHITE COVER PLATE	BRASS	165	5/8"	PA3437	CS-BRF	⊙
2	10	PENST	CONCEALED, WHITE COVER PLATE	BRASS	165	5/8"	W4452	MIRAGE	⊙
2	23	UPRHT	ON SPRNG	CHROME	200	3/4"	W3200	MICROFAST	⊙
2	23	PENST	CONCEALED, WHITE COVER PLATE	CHROME	165	5/8" 1/2"	W4410	INSTITUTIONAL	⊙
1	4	UPRHT	NONE	BRASS	155	5/6" 1/2"	W3200	MICROFAST	⊙
1	3	UPRHT	ON SPRNG	BRASS	155	5/6" 1/2"	W3200	MICROFAST	⊙
1	3	UPRHT	ON SPRNG	BRASS	155	5/6" 1/2"	W3200	MICROFAST	⊙
2	58	PENST	CONCEALED, WHITE COVER PLATE	BRASS	165	5/8"	PA3437	CS-BRF	⊙
2	58	PENST	CONCEALED, WHITE COVER PLATE	BRASS	165	5/8" 1/2"	PA3451	CS-BRF	⊙
1	1	SIDEWALL	NONE	BRASS	200	5/6" 1/2"	W4104	MICROFAST	◁
1	7	SIDEWALL	SEMI-RECESSED	CHROME	155	5/6" 1/2"	W3035	MICROFAST	◁
1	10	PENST	CONCEALED, WHITE COVER PLATE (NON RAK)	BRASS	165	5/8"	W4452	MIRAGE	⊙
12	PENST	CONCEALED, WHITE COVER PLATE (NON RAK)	BRASS	165	5/8" 1/4"	PA3437	CS-BRF	⊙	⊙