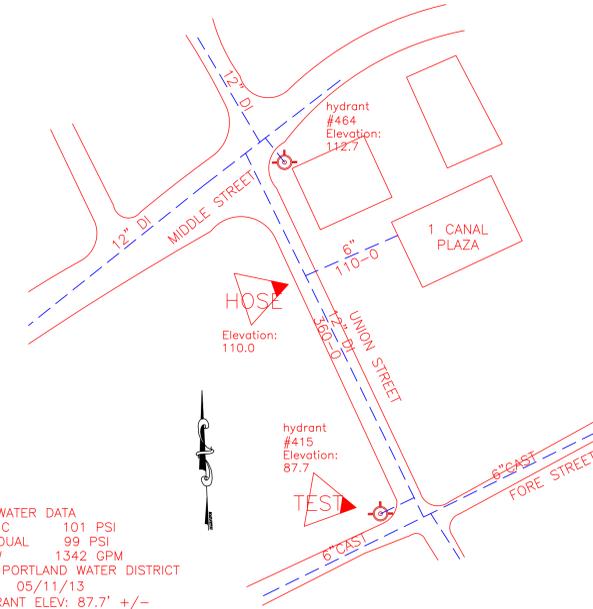
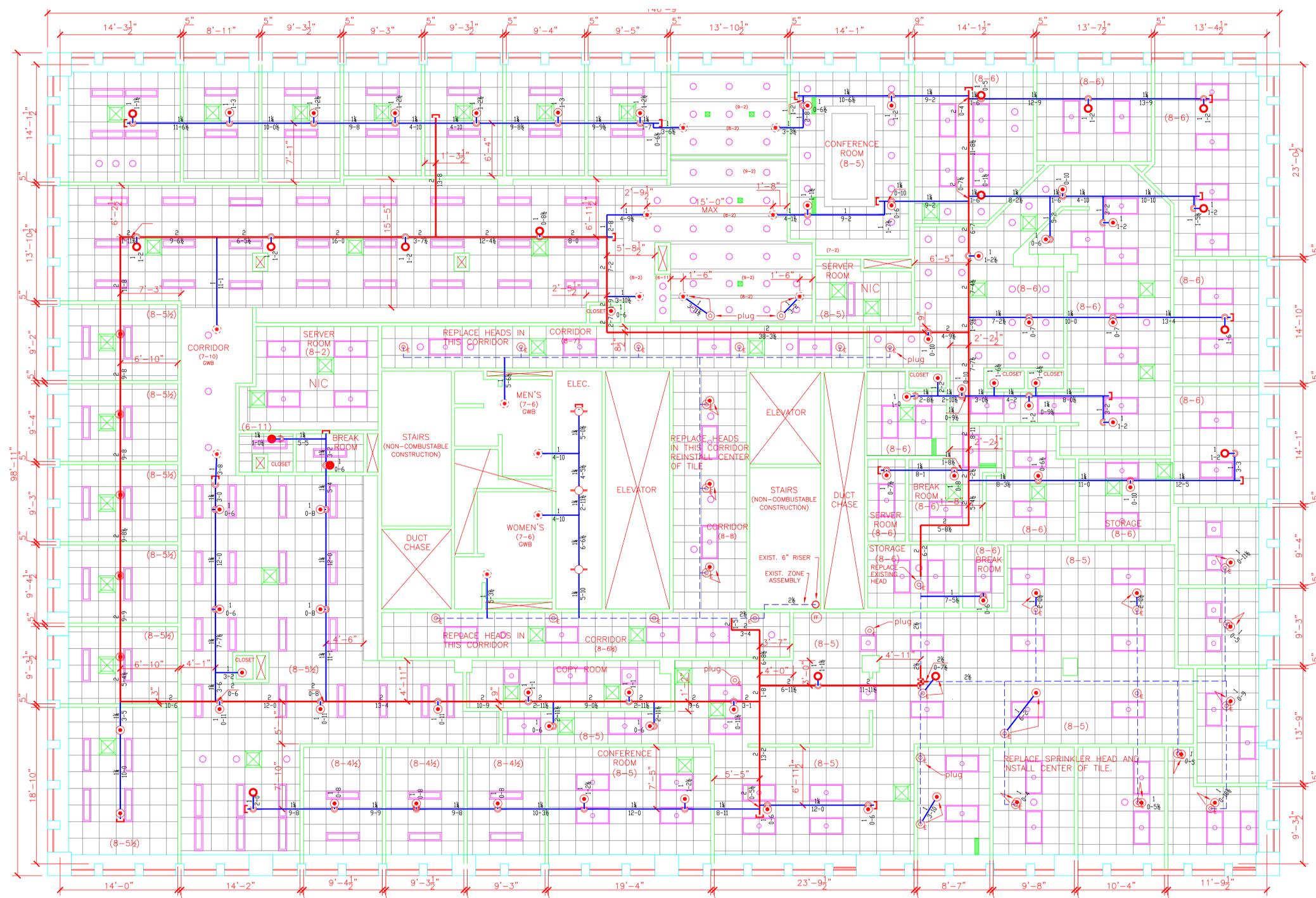


GENERAL NOTES:

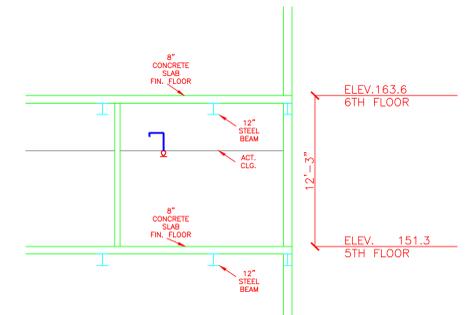
- IT IS THE BUILDING OWNERS RESPONSIBILITY TO PROVIDE ADEQUATE HEAT FOR ALL AREAS IN THE BUILDING PROTECTED BY WET SPRINKLER SYSTEMS AND FOR ALL WATER FILLED SUPPLY PIPES, VALVES AND SYSTEM RISERS IN ALL DRY PIPE SPRINKLER SYSTEMS.
- ALL NEW PIPING IS TO BE HYDROSTATICALLY TESTED AT NOT LESS THAN 200 PSI FOR 2 HOURS, OR AT 50 PSI IN EXCESS OF THE MAXIMUM PRESSURE, WHEN THE MAXIMUM PRESSURE TO BE MAINTAINED IS IN EXCESS OF 150 PSI. (PER NFPA 13)
- WHETHER OR NOT INDICATED ON DRAWINGS, THE FOLLOWING ITEMS ARE TO BE PROVIDED:
 - SPARE HEAD CABINET WITH WRENCH (NFPA 13)
 - PROVISIONS FOR FLUSHING CONNECTIONS AND DRAINING OF ALL PIPE.
 - INSPECTORS TEST CONNECTION SHALL BE PROVIDED FOR EACH SYSTEM
 - A) FOR WET PIPE SYSTEMS SEE NFPA 13)
 - B) FOR DRY PIPE SYSTEMS SEE NFPA 13)
 - AIR PRESSURE SHALL BE MAINTAINED ON ALL DRY PIPE SYSTEMS BY AN APPROVED AUTOMATIC AIR COMPRESSOR OR PLANT AIR SYSTEM SPECIFICALLY APPROVED FOR AND CAPABLE OF AUTOMATICALLY MAINTAINING THE REQUIRED AIR PRESSURE.
 - WET PIPE SYSTEMS SHALL BE PROVIDED WITH A RELIEF VALVE NOT LESS THAN 1/2" IN SIZE. (NFPA 13).
- ALL EXPOSED PIPE TO BE BLACK IRON SCHEDULE 10 OR SCHEDULE 40. ALL CONCEALED PIPE TO BE CPVC PIPING.
- ALL MECHANICAL TRADES ARE TO COORDINATE THEIR WORK WITH SPRINKLER WORK AS SHOWN ON THESE PLANS.
- ALL HANGERS AND LOCATIONS ARE TO BE IN ACCORDANCE WITH N.F.P.A. 13.
- ALL SPRINKLER HEADS IN SUSPENDED CEILING TILES ARE TO BE LOCATED IN THE CENTER OF THE ACOUSTICAL CEILING PANEL.
- ALL PIPING IS TO BE PITCHED IN ACCORDANCE WITH N.F.P.A. 13.
- HYDRAULIC DATA REFERENCE POINTS: (2) BELOW DECK (12)
- CENTER LINE OF PIPE ABOVE FINISH FLOOR (12'-0") BELOW DECK (12)
- PROTECTIVE CAPS ARE TO REMAIN ON THE SPRINKLER HEADS UNTIL AFTER CEILING ARE INSTALLED.
- WHERE SURFACE MOUNTED OBSTRUCTIONS EXIST DEEP ESCUTCHEON SPRINKLER HEADS WILL BE INSTALLED.
- WORK IS LIMITED TO THE WORK SHOWN ON THESE DOCUMENTS.



WATER DATA
 STATIC 101 PSI
 RESIDUAL 99 PSI
 FLOW 1342 GPM
 BY PORTLAND WATER DISTRICT
 DATE 05/11/13
 HYDRANT ELEV: 87.7' +/-

SITE PLAN

SCALE: "NTS"



PARTIAL BUILDING SECTION

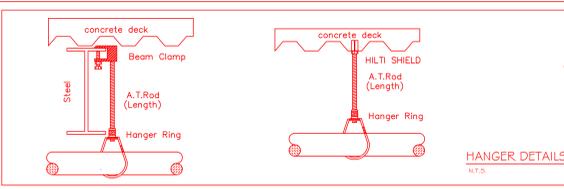
SCALE: "NTS"

⊕ E EXISTING SPRINKLER HEAD
 --- EXISTING SPRINKLER PIPE TO REMAIN

5TH FLOOR
 SCALE= 3/16"=1'-0"
 FIN. FLOOR ELEV. = 200.3
 ALL CLGS @ 8'-5" AFF U.N.

REPLACED / RELOCATED 28 SPRINKLER HEADS
 ADDED 87 SPRINKLER HEADS

- Type of Hazard LIGHT/ORDINARY 2. Deflector Distance PER SPEC
- Pipe Type Used BLK SCH. 10/40 CPVC 4. Sprinkler Area PER SPEC
- Type of Construction NON COMBUSTIBLE
- Maximum Spacing Allowed PER NFPA 13
- PIPE SIZING METHOD: PIPE SCHEDULE □ HYDRAULICALLY CALCULATED
- ALL HANGERS AND LOCATIONS TO BE IN ACCORDANCE WITH N.F.P.A. PAMPHLET NO. 13
- HIGH DEGREE TEMPERATURE SPRINKLER HEADS TO BE INSTALLED IN ACCORDANCE WITH N.F.P.A. PAMPHLET NO. 13



HANGERS

AS SHOWN IN DETAIL

ABBREVIATIONS

B	Bottom of Beam
D	Bottom of Deck
P	Bottom of Pipe
H/V	Hose Valve
N & C	Nipple and Cap
NS	Not in Contract
NTS	Not to Scale
ORU	Open Rod Joints
PRV	Pressure Red Valve
RM	Road Manifold
SP	Standpipe
TSP	Top of Beam
TOP	Top of Pipe
TSD	Top of Deck
UN	Unless Otherwise Noted
CL	Centerline
NO	No Automatic Sprinklers
OTA	Open to Above

CONTRACT RESPONSIBILITIES

ITEM	FFC	OTHERS
STREET CORN		
LOG MAN		
EXCAVATION		
FLUSHING		
WIRING		
PAINTING		
TAMPER SWITCHES		
FLOW SWITCHES		
STREET CORN		

SPRINKLER HEAD LEGEND

SYMBOL	MAKE	MODEL	SIN	FINISH	TEMP	NPT	ORIFICE	K-FACTOR	REPLACED	NEW
○	RELIABLE	GS 56	RA3415	WHITE	CONCEAL	165° F	1/2" 1/2"	5.6	2/11	
○	RELIABLE	F1FR 56	RA1414	WHITE	SEMI-REC	155° F	1/2" 1/2"	5.6	25/56	
○	RELIABLE	F1FR 56	RA1425	BRONZE	UPRIGHT	200° F	1/2" 1/2"	5.6	0/3	
○	RELIABLE	F1FR 56	RA1414	WHITE	SEMI-REC	155° F	1/2" 1/2"	5.6	1/15	
○	RELIABLE	F1FR 56	RA1414	WHITE	PENDENT	155° F	1/2" 1/2"	5.6	0/2	

TOTAL → 28/87

SENT TO: DATE SENT: 03/30/15 DATE RECEIVED:

STATE FIRE LOCAL FIRE LOCAL WATER OWNER

SPRINKLER SYSTEMS INC.
 P.O. BOX 1285
 LEWISTON MAINE
 04243-1285

ONE CANAL PLAZA
 5th FLOOR
 PORTLAND, MAINE 04101

CONTRACT WITH EAST BROWN COW

SCALE AS NOTED
 DRAWN BY JJP
 CHECKED BY CDS
 DATE 05/15/2015
 TOTAL SPRINKS ON JOB REPLACED 28 NEW 87 TOTAL 115
 SHEET# 1 of 1
 JOB# 15099

SUBMITTAL COPY