

GENERAL NOTES

SCOPE OF WORK
 RENOVATE EXISTING WET SPRINKLER SYSTEM IN MAINE EYE CENTER TENANT SPACES ON FIRST AND SECOND FLOORS TO ACCOMMODATE NEW FLOOR PLAN AND MECHANICAL SYSTEMS IN COMPLIANCE WITH NFPA #13, STATE, AND LOCAL CODES. SPRINKLER PROTECTION IN ALL OTHER PORTIONS OF THE BUILDING TO REMAIN AS IS.

EASTERN FIRE PROTECTION TO START AT EXISTING MAINS AND LINES PREVIOUSLY INSTALLED BY OTHERS.

ALL WIRING TO BE DONE BY OTHERS

PENDENT SPRINKLER HEADS TO BE INSTALLED CENTERLINE OF ACOUSTICAL CEILING TILES.

SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PAMPHLET # 13.

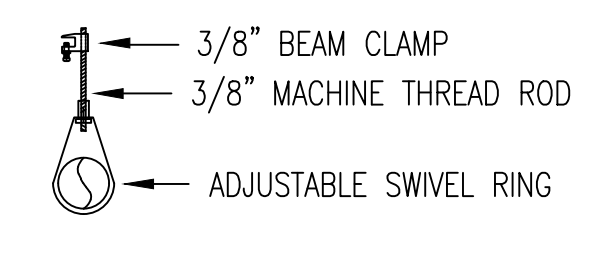
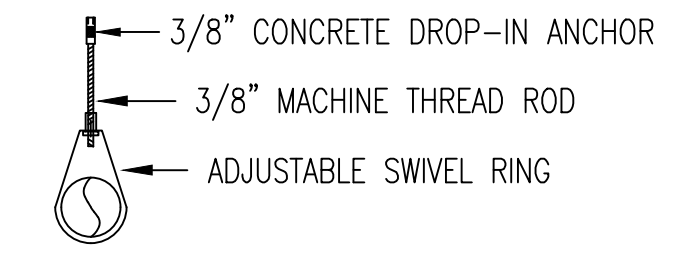
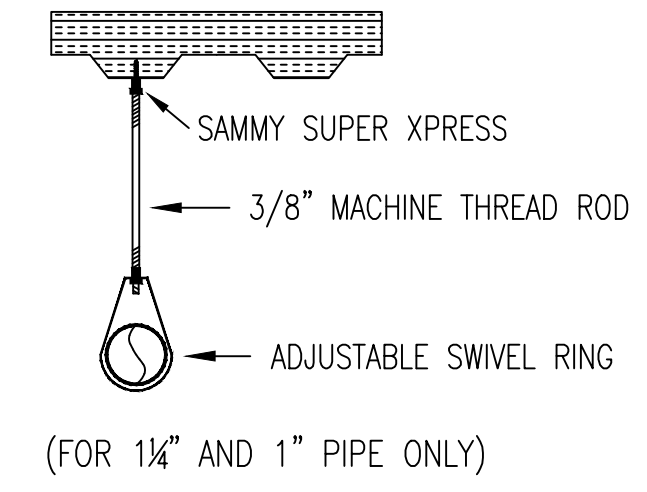
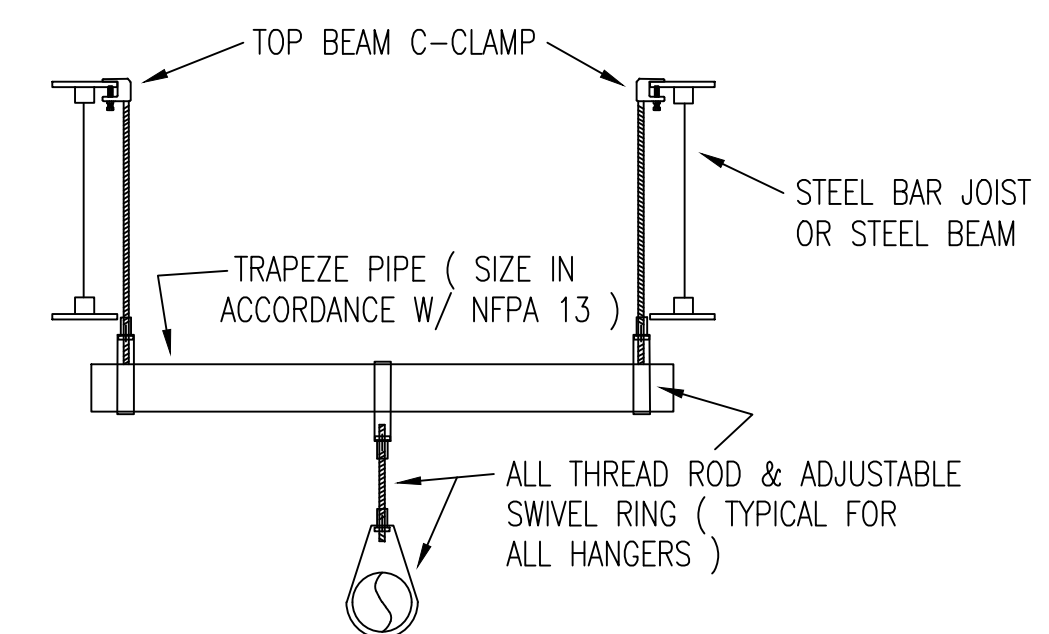
ALL DIMENSIONS ARE SHOWN FOR GENERAL LOCATION OF SPRINKLER HEADS ; PIPING MAY VARY TO SUIT ACTUAL FIELD CONDITIONS.

ACOUSTICAL CEILING TILE (ACT) TO BE LISTED NON-COMBUSTIBLE WITH UL FLAME SPREAD OF LESS THAN 25.

OCCUPANCY DESCRIPTION AND CLASSIFICATION:
 OFFICES, BATHROOMS, EXAM ROOMS ; LIGHT HAZARD MECHANICAL AND STORAGE RM. ORDINARY HAZARD I

OFG INDICATES OUTSIDE FACE OF GIRT.
 ○ = INDICATES HYDRAULIC REFERENCE POINTS.
 F.F. ⊕ INDICATES FINISH FLOOR UP TO CENTERLINE OF PIPE.
 D ⊕ INDICATES DECK DOWN TO CENTERLINE OF PIPE.

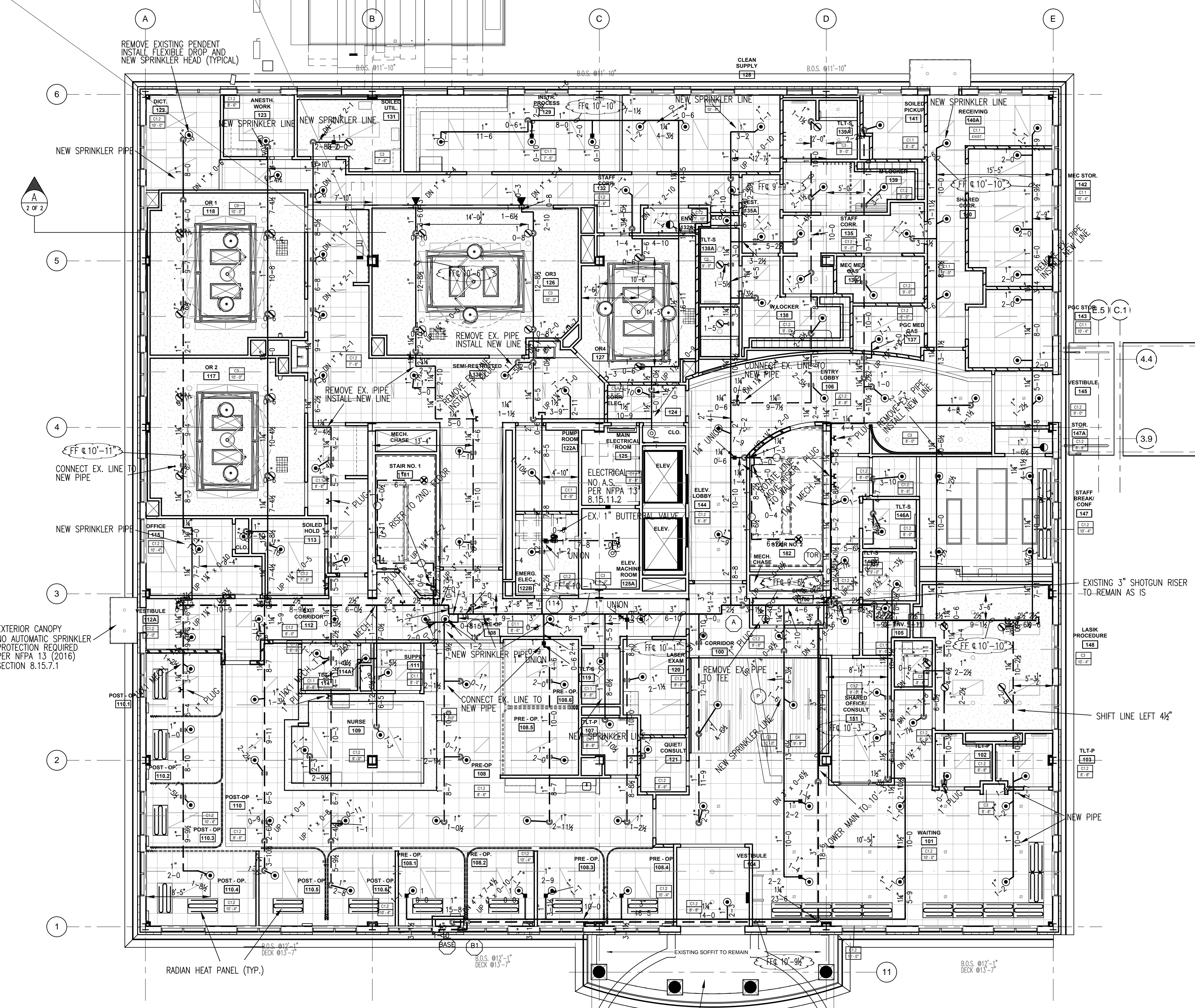
INDICATES EXISTING SPRINKLER PIPE - - - - -
 INDICATES NEW SPRINKLER PIPE _____



HANGER DETAILS
 NOT TO SCALE

ALL HANGERS TO BE PROVIDED AND INSTALLED AS PER NFPA # 13
 3/8" ROD FOR 1" TO 4" PIPE

NOTE: BEAM CLAMP TO BE ATTACHED TO ANGLE OF STEEL JOIST AND/OR BEAM FLANGES



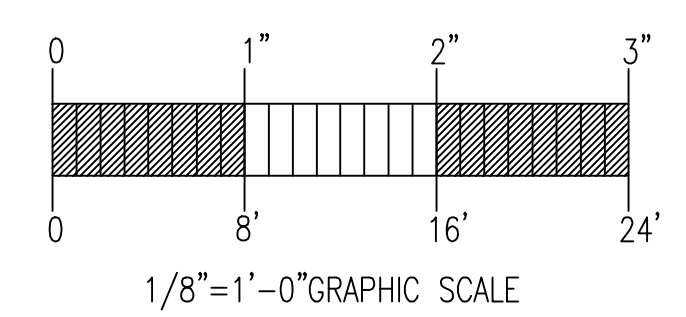
FIRE SPRINKLER PLAN - FIRST FLOOR

SCALE: 1/8"=1'-0"
 AREA PROTECTED: 13,200 SQ.FT.
 FINISH FLOOR ELEVATION : 100.0'
 COLOR CODE:

EXTERIOR CANOPY
 NO AUTOMATIC SPRINKLER
 PROTECTION REQUIRED
 PER NFPA 13 (2016)
 SECTION 8.15.7.2

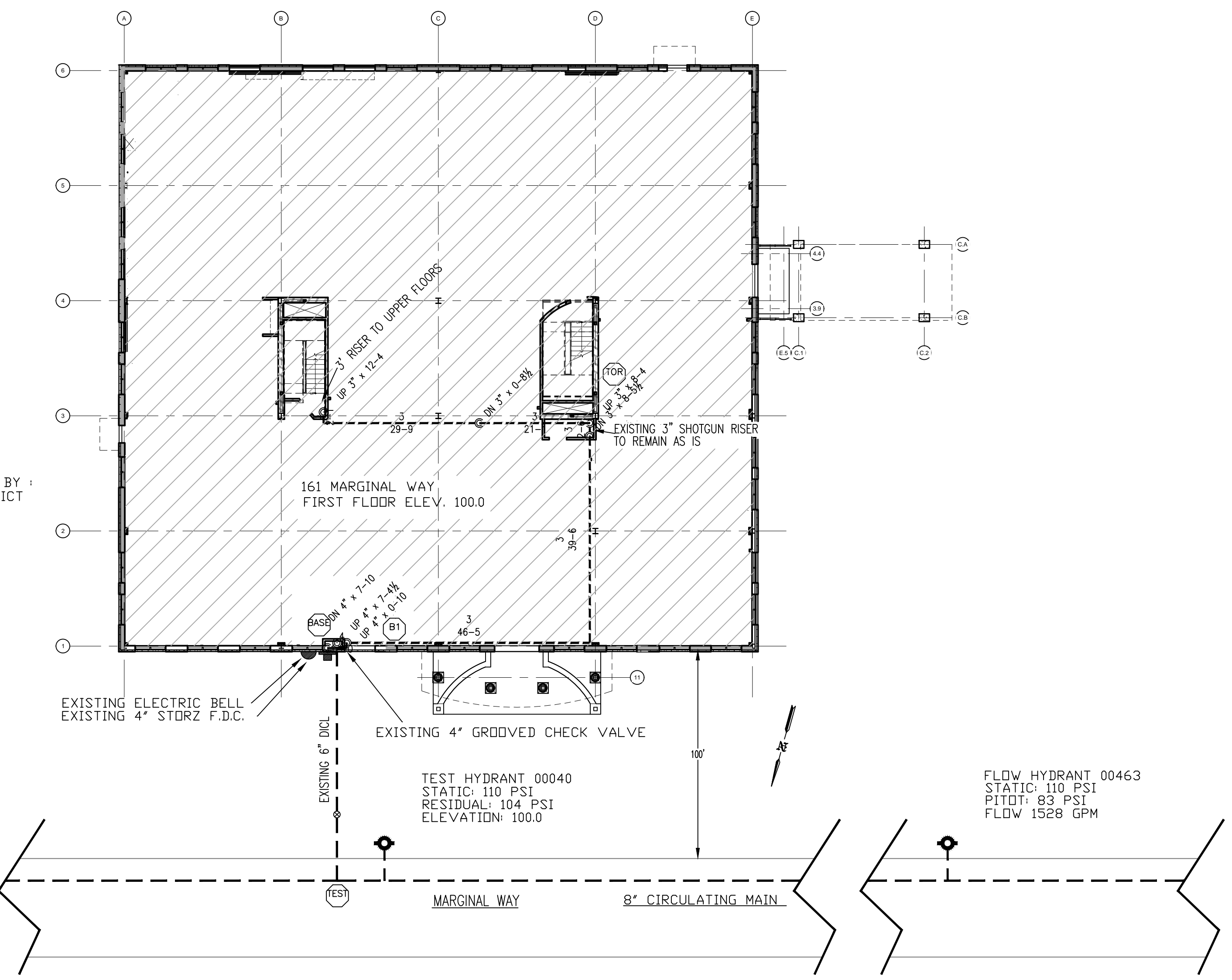
Symbol	Count	Thread	K-Factor	Description	Note
⊙	120	1/2"	5.6	1/2" 200' CHROME RECESSED PENDENT RELIABLE F1FR K=5.6 S/NR1414	on Drop
○	4	1/2"	5.6	EXISTING 150' 1/2" SR BRASS UPRIGHT K=5.6	ON LINE
⊙	3	1/2"	5.6	EXISTING 150' 1/2" SR CHROME PENDENT	on Drop
⊙	2	1/2"	5.6	EXISTING 150' 1/2" SR CHROME PENDENT K=5.6	ON LINE
⊙	2	1/2"	5.6	1/2" 200' CHROME PENDENT 2PC. DEEP ESC. RELIABLE F1FR K=5.6 S/NR1414	on Drop
⊙	23	1/2"	5.6	1/2" 212' CONCEALED CHROME PENDENT RELIABLE G5-56 K=5.6 S/NR1415	on Drop
⊙	2	1/2"	5.6	1/2" 200' CHROME RECESSED HORIZONTAL SIDEWALL RELIABLE F1FR56 K=5.6 S/NR1435	on Drop

156 = Total Number of Heads This Floor



WATER DATA
 STATIC : 110 PSI
 RESIDUAL : 104 PSI
 FLOW : 1528 GPM
 ELEVATION: 100.0'
 DATE: 5/31/2016
 TIME: 2:30 PM

INFORMATION PROVIDED BY :
 PORTLAND WATER DISTRICT



WATER SUPPLY PLAN
 SCALE: N.T.S.

GENERAL NOTES	DATE	REVISIONS	REQUIRED APPROVALS	OWNER / ARCHITECT	FIRE SPRINKLER PLANS & DETAILS
SPRINKLER SYSTEM RENOVATION TO COMPLY WITH NFPA PAMPHLET # 13 (2016)			OWNER / ARCHITECT STATE FIRE MARSHAL PORTLAND FIRE DEPARTMENT	MAINE EYE RETINA & SURGERY 161 MARGINAL WAY, PORTLAND, ME.	DWG. NO. 1 OF 2
NEW BRANCH LINE PIPING TO BE BLACK SCHEDULE 40 JOINED BY THREADED DUCTILE IRON FITTINGS			DRAWN BY WAF NICET LEVEL III CERT.# 095574	CONTRACT WITH: HERBERT CONSTRUCTION	JOB NUMBER AN-5501-16
NEW MAIN PIPING TO BE SCHEDULE # 10 BLACK WITH GROOVED ENDS & WELDED OUTLETS JOINED BY MECHANICAL COUPLINGS			CHECKED BY JWD NICET LEVEL III CERT.# 116803	EASTERN FIRE PROTECTION AUBURN/LEWISTON INDUSTRIAL AIRPARK, AUBURN, MAINE 04210	SCALE AS NOTED
OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING TO PREVENT FREEZING OF WATER FILLED SPRINKLER PIPING AND EQUIPMENT. (40° F)			CONTRACTOR LICENSE # 101 CONTRACTOR RMS # 368		DATE 07/26/16