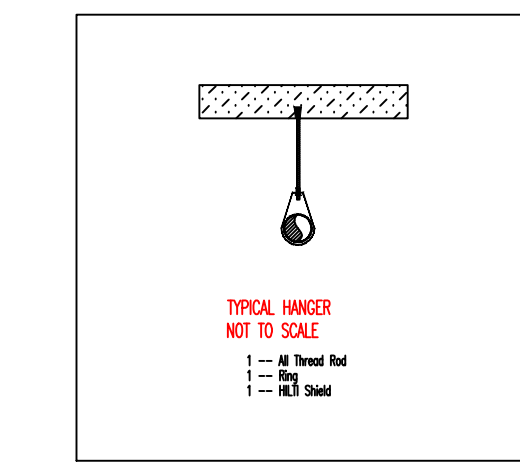
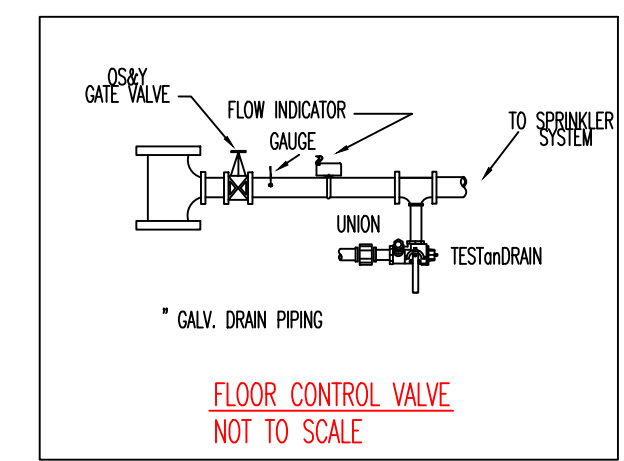
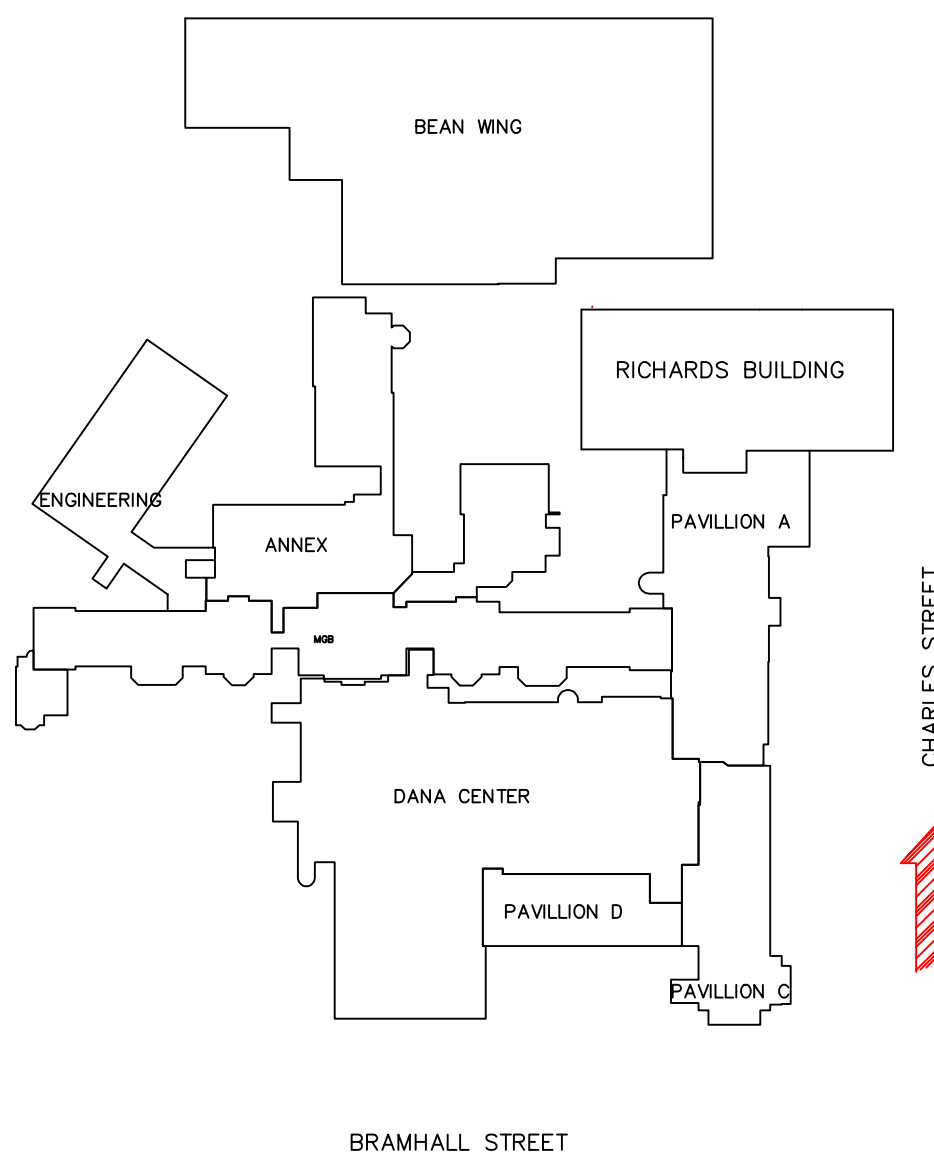


CALC FILE MMC6THCA.WX3
HYDRAULIC DATA:
BASIS OF DESIGN (NFPA 13 LT HZ)
DENSITY AREA OF COVERAGE
.10 900 SQ FEET
TOTAL ORIFICE TEMP
SPRINKLERS 10 1/2" 155"
SYSTEM DEMAND AT BASE OF RISER:
PRESSURE FLOW HOSE
93.47 137.01 100
OCCUPANCY: OFFICES

WORK IN THIS AREA BY ALTERNATE #1
WORK IN THIS ROOMS 6119 + 6123 BY ALTERNATE #2
WORK IN ROOMS 618, 619 + 620 BY ALTERNATE #1



SYSTEM CLASSIFICATION

THE WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS IS EXISTING THROUGHOUT THE BUILDING. SYSTEM IS A HYDRAULICALLY CALCULATED SYSTEM. AREA OF WORK IS DESIGNED IN ACCORDANCE WITH NFPA-13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION AND THE AUTHORITY HAVING JURISDICTION; PORTLAND FIRE DEPARTMENT LIGHT HAZARD FOR OFFICE AND PUBLIC AREAS. ORDINARY HAZARD GROUP 1 FOR STORAGE, MECHANICAL, SERVICE, AND ELECTRICAL AREAS/ROOMS.

SCOPE OF WORK

MODIFY THE EXISTING AUTOMATIC SPRINKLER SYSTEM TO SUIT THE NEW CONSTRUCTION. REPLACE EXISTING CPVC PIPING WITH STEEL WITHIN THE WORK AREAS OF MMC RICHARDS BUILDING 6TH LEVEL PORTLAND.

GENERAL NOTES

ALL 1" & 1 1/2" PIPE IS TO BE THREADED SCH. 40 BLACK STEEL U/N.
ALL THREADED PIPE FITTINGS ARE TO BE BLACK CAST IRON, CLASS 125 U/N.
DIMENSIONS SHOWN ON THREADED PIPE ARE CENTER TO CENTER U/N.
SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET PIPE SPRINKLER SYSTEM IS REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

HEAD LEGEND

- 163/155 RELIABLE MODEL F156 WHITE PENDENT SEMI RECESSED WHITE ESCUTCHEON MODEL F2 STANDARD RESPONSE, STANDARD COVERAGE K=5.6, 1/2" NPT, SIN RA1314
- 3/155 RELIABLE MODEL G4 CONCEALED PENDENT 135 DEGREE WHITE COVER PLATE STANDARD RESPONSE, STANDARD COVERAGE K=5.6, 1/2" NPT, SIN RA1425
- 2/155 RELIABLE MODEL G4 CONCEALED PENDENT 135 DEGREE WHITE COVER PLATE STANDARD RESPONSE, STANDARD COVERAGE K=5.6, 1/2" NPT, SIN RA1425

SCALE 3/32"=1'-0"	SCALE 1/8"=1'-0"	SCALE 3/16"=1'-0"	SCALE 1/4"=1'-0"
APPROVED BY: _____ DATE: _____			
SURVEYED BY: DANA A. STEWART			
DRAWN BY: SEC			
CHECKED BY: DAS			
AT DEAN & ALLYN, INC			
SCALE 1/8"=1'-0" U/N			
SHEET NO. 1 OF 2			
REVISIONS		DATE	
① SUBMIT FOR APPROVAL		7/28/15	

DANA A. STEWART NICET IV - #064544	DRAWING TITLE: SPRINKLER SYSTEM LAYOUT	REV. 0
JOB: MMC RICHARDS WING 6TH FLOOR INTERMEDIATE CARE PORTLAND, ME 04103	NO. OF SPRINKLERS SHOWN ON THIS SHEET: 168	NO. OF SPRINKLERS ON JOB: 168
CONTRACT WITH: HEBERT CONSTRUCTION	CONTRACT NO. C151279	

DEAN & ALLYN, INC.
FIRE PROTECTION - SPECIAL HAZARD
116 LEWISTON ROAD, GRAY, MAINE 04039
(207)657-5646 FAX:(207)657-5647