FIRST FLOOR PLAN

1/8"=1'-0"

SITE LOCATION

SITE MAP

JOB SCOPE:

1. RENOVATION AT PORTLAND PUBLIC SCHOOL - WEST PROGRAM, FIRST FLOOR ONLY. MODIFY EXISTING WET TYPE SPRINKLER SYSTEM TO SUIT NEW LAYOUT PER NFPA13.

   1.1. NO CHANGE IN OCCUPANCY HAZARD.
   1.2. NOT HYDRAULICALLY MOST REMOTE AREA.
   1.3. EXISTING PIPE SCHEDULE TO REMAIN.
   1.4. ONLY CHANGE IS LENGTH OF ARM OVERS TO ACCOMMODATE NEW CEILING AND PARTITIONS.
   1.5. NO HYDRAULIC CALCULATIONS REQUIRED.
   1.6. SPRINKLER HEADS TO MATCH SAME K-FACTOR AS EXISTING.

2. CURRENTLY SPRINKLED WITH AN EXISTING WET SYSTEM FED FROM THE SAME MAIN. THE SYSTEM IS FED BY CITY WATER.

3. EXISTING BRICK AND BLOCK BUILDING STRUCTURE.

4. INSTALL SPRINKLERS IN CENTER OF CEILING TILES.

5. NUMBER OF SPRINKLER HEADS APPROX: 97

NOTES:

(1) EXISTING TILE CEILING NO WORK REQUIRED.

(2) EXISTING EXPOSED CEILING NO WORK REQUIRED.

8' 4' 0 8' 16'

1/8"=1'-0"

Sprinkler Head Schedule					
Symbol	Count	Thread	K-Factor	Description	Note
	91	1/2"	5.6	VK462 1/2 QR 155 B CC	on Drop
	6	1/2"	5.6	VK410 1/2 QR 165 PC PDF	on Drop
97 = Total Number of Heads this floor					

GENERAL NOTES

ALL DIMENSIONS SHOWN ARE CENTER TO CENTER.

PIPE 2" AND SMALLER TO BE SCHEDULE 40 WITH GROOVED FITTINGS OR THREADED CAST IRON FITTINGS.
PIPE 2 1/2" AND LARGER TO BE SCHEDULE 10 WITH GROOVED FITTINGS.

ALL PIPES AND HANGERS ARE TO BE INSTALLED PER NFPA 13, 2010.

HANGERS ARE TO BE U.L. LISTED AND F.M. APPROVED.

OWNER SHALL PROVIDE ADEQUATE HEAT TO PREVENT WET-PIPE SPRINKLER PIPING FROM FREEZING. OWNER SHALL MAINTAIN SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 25 AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.

THIS SYSTEM HAS BEEN DESIGNED BY AND SHALL BE INSTALLED BY MAINE FIRE PROTECTION SYSTEMS AND USE OF THESE DRAWINGS FOR OTHER PURPOSES IS STRICTLY PROHIBITED.

REVISIONS	DATE

MAINE FIRE PROTECTION SYSTEMS
RMS LICENSE: 789

DATE 05/06/2014	CONTRACTOR MAINE FIRE PROTECTION 6 DOWD ROAD BANGOR, ME 04401
JOB NO. 0881	
FILE NAME 881.dwg	
DESIGNED BY CEM	DRAWN BY DPW / APPROVAL BY ST FIRE MARSHAL
JOB NAME PORTLAND PUBLIC SCHOOL WEST PROGRAM RENOVATIONS 353 CUMERLAND AVE., PORTLAND, MAINE FIRE PROTECTION SYSTEM FIRST FLOOR	
SCALE: 1/8" = 1'-0"	SHEET 1 OF 1

FP-1

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 07/13/14
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