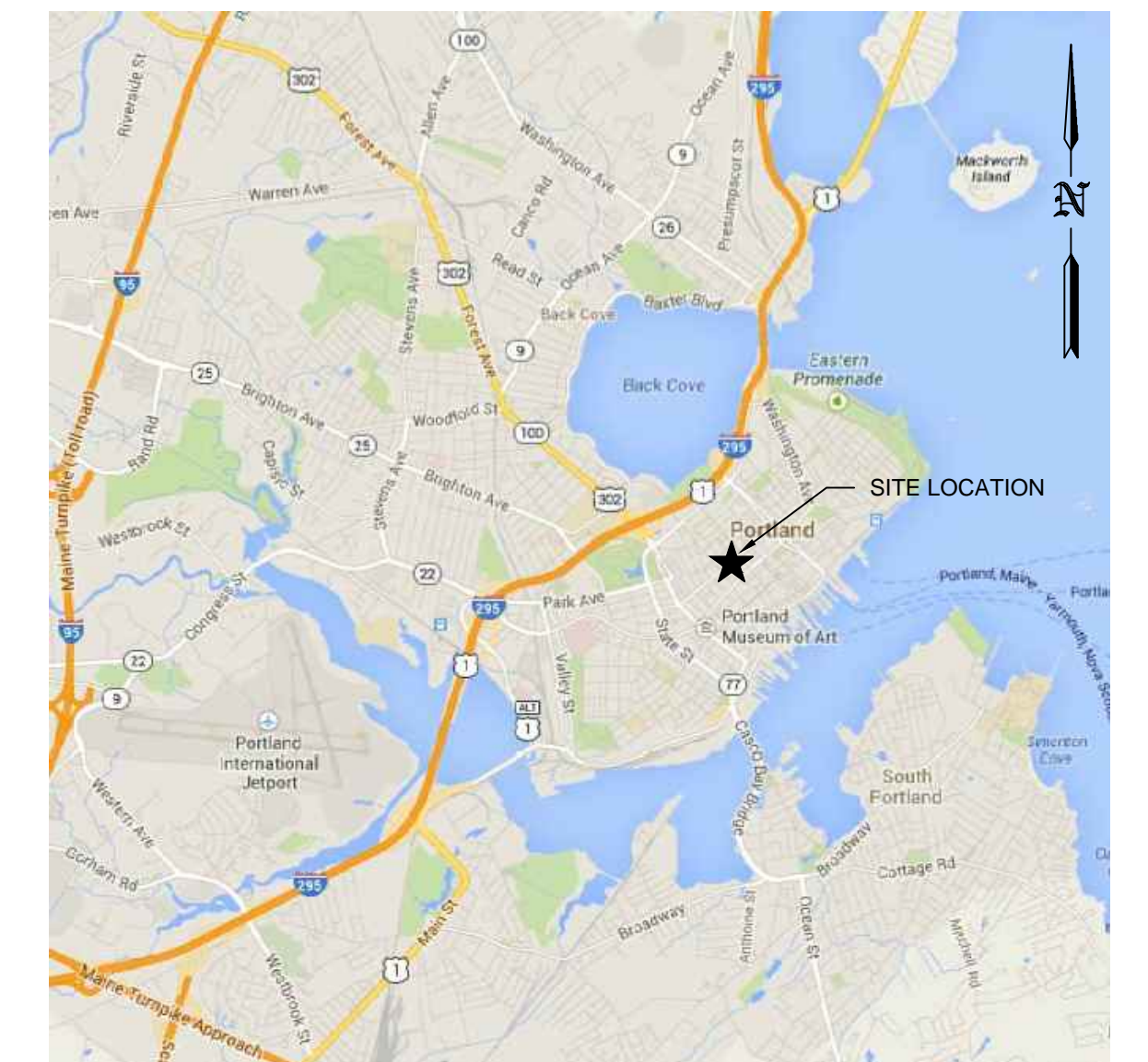


**FIRST FLOOR PLAN**  
1/8"=1'-0"



**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 OVERTS 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.

**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.

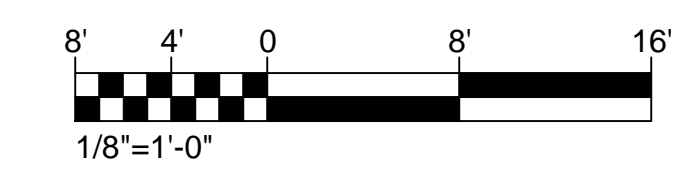
OWNER SHALL PROVIDE ADEQUATE HEAT TO PREVENT WET-PIPE SPRINKLER PIPING FROM FREEZING. OWNER SHALL MAINTAIN SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 25 AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.

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



DATE 05/06/2014	CONTRACTOR MAINE FIRE PROTECTION
JOB NO. 0881	6 DOWD ROAD
FILE NAME 881.dwg	BANGOR, ME 04401
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 4



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					

**FP-1**