



- LEGEND**
- ⊗ 155' RESIDENTIAL WHITE CONCEALED PENDENT SPRINKLER VIKING WK-457
 - ▷ 155' RESIDENTIAL WHITE RECESSED HORIZONTAL SIDEWALL SPRINKLER VIKING WK-486
 - FT 8-XX FIN FLR TO CENTERLINE OF PIPE
 - TL 8-XX TOP OF ADJUST TO CENTERLINE OF PIPE
 - C 8-XX FINISHED CEILING TO CENTERLINE OF PIPE
 - RISE OR DROP NIPPLE
 - RISE OR DROP BETWEEN FLOORS
 - HYDRAULIC REFERENCE POINT
 - [X-X] CEILING HEIGHT

- SYSTEM CLASSIFICATION**
- 44 WIKING FREEDOM RESIDENTIAL
 - 155' WHITE RECESSED HORIZONTAL SIDEWALL SPRINKLER
 - 1/2"X1/2" K=4.0 WK-456
 - 155' WHITE FREEDOM RESIDENTIAL
 - 1/2"X1/2" K=4.9 WK-457

GENERAL NOTES

ALL DIMENSIONS ARE CENTER TO CENTER U/N
 ALL 2" AND SMALLER PIPE TO SCH 40 BLACK STEEL
 ALL 2" AND SMALLER FITTINGS SHALL BE SCREWED STD. WT. CL. BLACK U/N
 ALL HANGER SPACING AND SIZES TO CONFORM TO NFPA #13.

INSTALL A NEW WET PIPE NFPA #13R HYDRAULICALLY CALCULATED
 SPRINKLER SYSTEM ON THE GROUND FLOOR AND SECOND FLOOR OF BUILDINGS A, B, C, AND D.
 SYSTEM TO MEET THE STANDARDS OF NFPA, THE STATE OF MAINE, AND THE CITY OF PORTLAND.
 SEE SHEET 1 OF 2 FOR HYDRAULIC CALCULATION INFORMATION.

DEAN & ALTYN, INC.

FIRE PROTECTION - SPECIAL HAZARD
 RD BOX 709 GRAY MAINE 04039
 (207)657-5646 FAX (207)657-5647

RISER SECTION
 NO SCALE

1" CHECK VALVE TO SINGLE 2" x 2" FDC
 1" x 1" TO SYSTEM
 1" x 1" INSPECTORS TEST VA. AND DRAIN
 1" x 1" FLOW SWITCH
 1" x 1" BACKFLOW PREVENTER
 4" x 1 1/2" REDUCER
 4" FROM CITY
 GROUND FLOOR

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	11-11-12	HAK	ISSUE FOR PERMITS
2	11-11-12	HAK	ISSUE FOR PERMITS
3	11-11-12	HAK	ISSUE FOR PERMITS
4	11-11-12	HAK	ISSUE FOR PERMITS
5	11-11-12	HAK	ISSUE FOR PERMITS
6	11-11-12	HAK	ISSUE FOR PERMITS
7	11-11-12	HAK	ISSUE FOR PERMITS
8	11-11-12	HAK	ISSUE FOR PERMITS
9	11-11-12	HAK	ISSUE FOR PERMITS
10	11-11-12	HAK	ISSUE FOR PERMITS

ADAMS SCHOOL REDEVELOPMENT
VESPER STREET
PORTLAND, MAINE

DATE: 11-11-12
 DRAWN BY: HAK
 CHECKED BY: DAS
 SCALE: 3/16"=1'-0"
 SHEET NO. 2 OF 2

NO. OF SPRINKLERS: 88
 NO. OF FITTINGS: 175
 CONTRACT NO.: C121102