

**KEYED NOTES:**

- (A) RELOCATE EXISTING 1" DROP TO NEW CEILING TILE AS SHOWN, INSTALL NEW SPRINKLER-(TYPICAL UNLESS NOTED).
- (B) TIE INTO EXISTING 2 1/2" CROSSMAIN WITH A MECHANICAL TEE.
- (C) TIE INTO EXISTING 1" BRANCHLINE BY REPLACING EXISTING 1" COUPLING WITH NEW 1" TEE.
- (D) CUT NEW 1" TEE INTO EXISTING BRANCHLINE.
- (E) TIE INTO EXISTING 1" PLUGGED WELD-O-LET ON 2 1/2" CROSSMAIN
- (F) REPLACE EXISTING 1" ELL WITH NEW 1" BHT

**LEGEND:**

- UPRIGHT SPRINKLER ON A BRANCH LINE
- CONCEALED PENDENT SPRINKLER ON A 1" DROP
- RISE OR DROP
- GROOVED RIGID COUPLING
- XX HYDRAULIC REFERENCE POINT
- (X'-X') CEILING HEIGHT
- HANGER
- F @ = X'-X" FINISHED FLOOR TO PIPE CENTERLINE
- C @ = X'-X" CEILING TO PIPE CENTERLINE
- D @ = X'-X" CONCRETE DECK TO PIPE CENTERLINE
- CTE CONNECT TO EXISTING

**GENERAL NOTES:**

ALL 1" TO 2" PIPE IS TO BE 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.  
DIMENSIONS SHOWN ON GROOVED PIPE ARE "CUT" LENGTHS U/N.  
PENDENT SPRINKLERS IN ACOUSTIC TILE CEILINGS ARE TO BE CENTERED IN TILES UNLESS NOTED.  
SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET PIPE SPRINKLER SYSTEM IS REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

FIRE PROTECTION SUBCONTRACTOR: DEAN & ALLYN, INC.  
STATE OF MAINE CONTRACTOR'S LICENSE NUMBER 262  
EXPIRATION DATE: JUNE 30, 2017

WORKING DRAWINGS PREPARED BY:  
THEODORE E. CLARKE  
NICET LEVEL IV  
CERTIFICATION #71654  
STATE OF MAINE RMS LICENSE NUMBER 208  
EXPIRATION DATE: JUNE 30, 2017

**SYSTEM CLASSIFICATION:**

THE WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS IS DESIGNED IN ACCORDANCE WITH NFPA-13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2010 EDITION.  
LIGHT HAZARD OCCUPANCY FOR OFFICES.  
ORDINARY HAZARD, GROUP 1 FOR ROOMS 914 PRINT/STORAGE, 923 PRINT/STORAGE, 927 FILES, 1026 STORAGE AND 1027 PRINT.

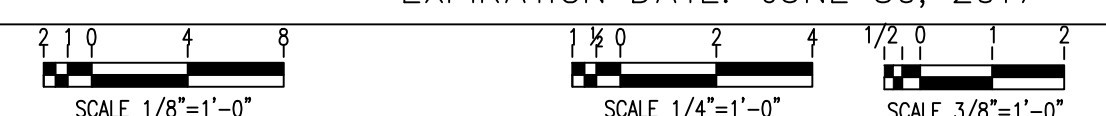
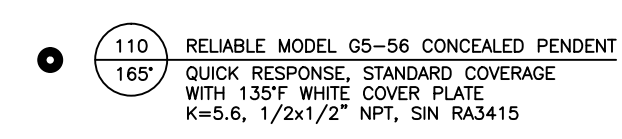
**SCOPE OF WORK:**

REWORK EXISTING WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS IN RENOVATED 9TH AND 10TH FLOORS PER NEW PARTITION AND CEILING LAYOUT. SYSTEM IS DESIGNED IN ACCORDANCE WITH NFPA-13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2010 EDITION. SYSTEM IS HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.10 GPM PER SQUARE FOOT OVER THE MOST REMOTE 900 SQUARE FEET WITH A HOSE ALLOWANCE OF 100 GPM FOR LIGHT HAZARD OCCUPANCIES AND 0.15 GPM PER SQUARE FOOT OVER THE MOST REMOTE 900 SQUARE FEET WITH A HOSE ALLOWANCE OF 250 GPM FOR ORDINARY HAZARD GROUP 1 OCCUPANCIES.

**DEAN & ALLYN, INC.**  
FIRE PROTECTION • SPECIAL HAZARD

116 LEWISTON ROAD, GRAY, MAINE 04039  
(207)657-5646 FAX:(207)657-5647

10TH FLOOR LAYOUT



DANA A. STEWART NICET IV - #064544		DRAWING TITLE: TENTH FLOOR SPRINKLER LAYOUT	REV. 0
DATE: 7/6/15	SURVEYED BY: TEC	JOB: BANK OF AMERICA 1 MONUMENT SQUARE PORTLAND, MAINE 04101	NO. OF SPRINKLERS SHOWN ON THIS SHEET: 88 RELOCATES: 22 NEW: 22
DATE: 7/17/15	DRAWN BY: TEC		
DATE: / /	CHECKED BY: DAS	NO. OF SPRINKLERS ON JOB: 219	CONTRACT NO. C151277
DATE: 7/17/15	AT DEAN & ALLYN, INC	CONTRACT WITH: GILBANE BUILDING COMPANY 7 JACKSON WALKWAY, PROVIDENCE, RI 02903	
DATE: / /	SCALE 1/8"=1'-0" U/N		
DATE: / /	SHEET NO. 2 OF 2		