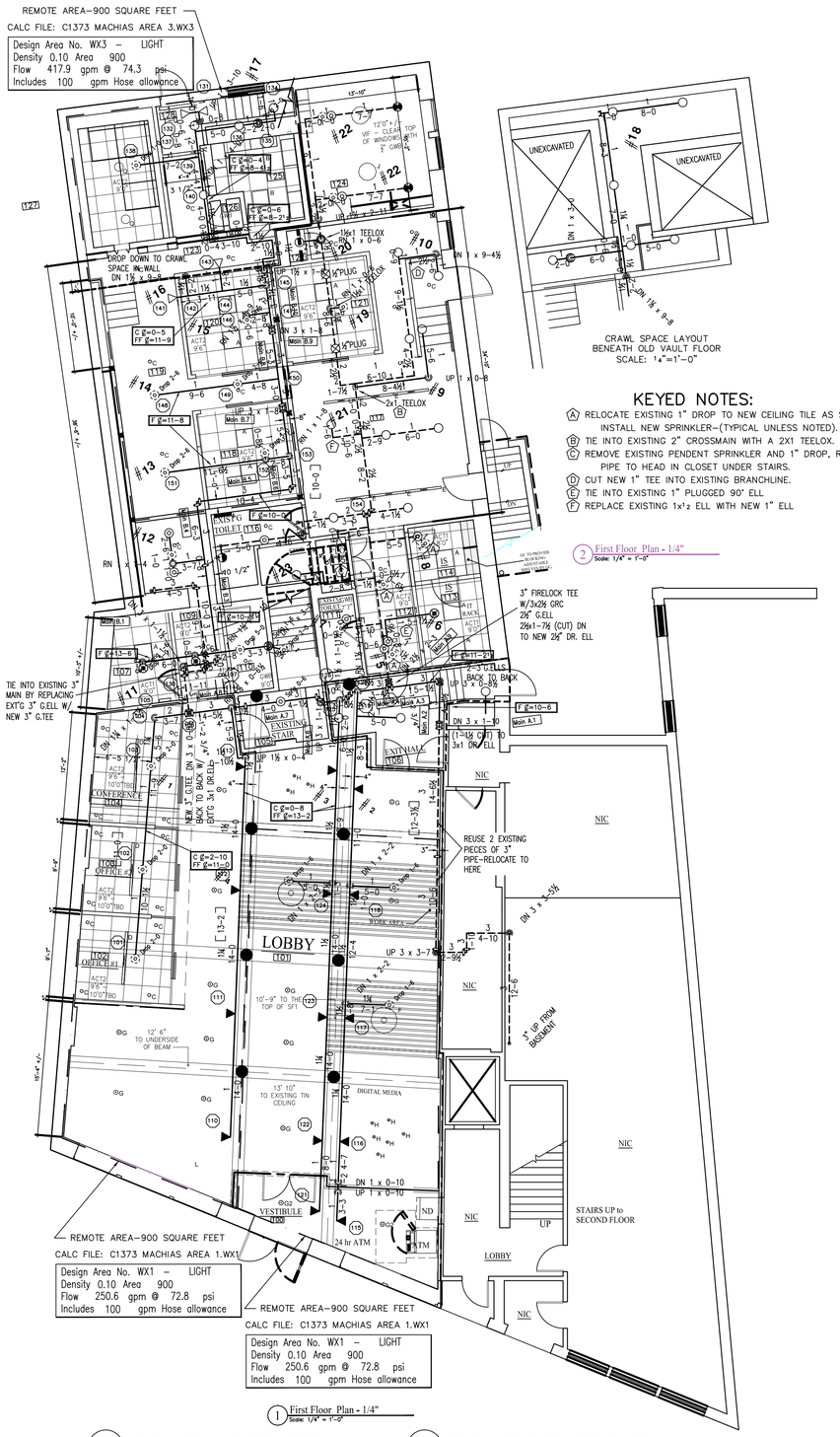


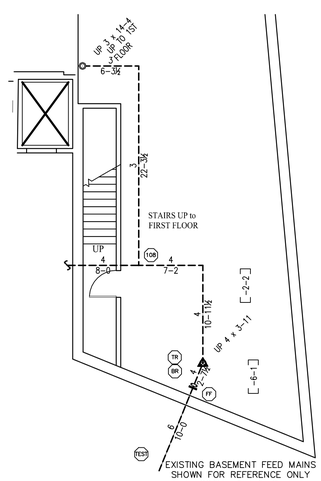
1 First Floor Plan - 1/4"
Scale: 1/4" = 1'–0"

CRAWL SPACE LAYOUT
BENEATH OLD VAULT FLOOR
SCALE: 1/4"=1'–0"

KEYED NOTES:

- (A) RELOCATE EXISTING 1" DROP TO NEW CEILING TILE AS SHOWN, INSTALL NEW SPRINKLER–(TYPICAL UNLESS NOTED).
- (B) TIE INTO EXISTING 2" CROSSMAIN WITH A 2X1 TEELOX.
- (C) REMOVE EXISTING PENDENT SPRINKLER AND 1" DROP, RUN NEW PIPE TO HEAD IN CLOSET UNDER STAIRS.
- (D) CUT NEW 1" TEE INTO EXISTING BRANCHLINE.
- (E) TIE INTO EXISTING 1" PLUGGED 90° ELL
- (F) REPLACE EXISTING 1x1½ ELL WITH NEW 1" ELL

2 First Floor Plan - 1/4"
Scale: 1/4" = 1'–0"



28	155°	RELIABLE MODEL F1FR56 BRASS UPRIGHT	QUICK RESPONSE, STANDARD COVERAGE K=5.6, 1/2" NPT, SIN RA1425
27	155°	RELIABLE MODEL F1FR56 RECESSED PENDENT	QUICK RESPONSE, STANDARD COVERAGE WHITE. K=5.6, 1/2" NPT. SIN RA1414
4	155°	RELIABLE MODEL F1FR56 HORIZONTAL SIDEWALL	QUICK RESPONSE, STANDARD COVERAGE WHITE, K=5.6, 1/2" NPT, SIN RA1435
14	155°	RELIABLE MODEL F1FR QREC HORIZONTAL SIDEWALL	QUICK RESPONSE, EXTENDED COVERAGE WHITE. K=8.0. 3/4" NPT. SIN R4862

LEGEND:

- UPRIGHT SPRINKLER ON A BRANCH LINE
- UPRIGHT SPRINKLER ON A 1" SPRIG
- RECESSED PENDENT SPRINKLER ON A 1" DROP
- HORIZONTAL SIDEWALL SPRINKLER
- 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
CTE	CONNECT TO EXISTING
– – – – – –	EXISTING PIPE SHOWN DOTTED
———	NEW PIPE SHOWN SOLID

FIRE PROTECTION SUBCONTRACTOR: DEAN & ALLYN, INC.
STATE OF MAINE CONTRACTOR'S LICENSE NUMBER FSC262
EXPIRATION DATE: JUNE 30, 2017

WORKING DRAWINGS PREPARED BY:
THEODORE E. CLARKE
NICET LEVEL IV
CERTIFICATION #71654
STATE OF MAINE RMS LICENSE NUMBER RMS208
EXPIRATION DATE: JUNE 30, 2017

GENERAL NOTES:

ALL 1" TO 2" THREADED PIPE IS TO BE SCH. 40 BLACK STEEL U/N.
ALL 2" TO 3" GROOVED PIPE IS TO BE SCH. 10 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.

SCOPE OF WORK:

REWORK EXISTING WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS IN RENOVATED BANK SPACE TO ACCOMMODATE NEW PARTITION LAYOUT. SYSTEM IS DESIGNED IN ACCORDANCE WITH NFPA–13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016 EDITION, FOR LIGHT HAZARD OCCUPANY. 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.

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

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/14/16

SCALE 1/8"=1'–0"	SCALE 1/4"=1'–0"	SCALE 3/8"=1'–0"			DANA A. STEWART NICET IV – #064544		
				APPROVED BY	DATE	SURVEYED BY	TEC 10/17/16
					/ /	DRAWN BY	TEC 10/31/16
					/ /	CHECKED BY	DAS
					/ /	AT DEAN & ALLYN, INC	
		0 SUBMIT FOR APPROVAL	10/31/16		/ /	SCALE 1/8"=1'–0" U/N	
		REVISIONS	DATE		/ /	SHEET NO. FP–001	

DRAWING TITLE: OVERALL SPRINKLER LAYOUT

REV. 0

JOB:
MACHIAS SAVINGS BANK
193 MIDDLE STREET
PORTLAND, MAINE 04101

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 73
NO. OF SPRINKLERS ON JOB: 73

CONTRACT WITH: CAP SERVICES, LLC
49 BRUCE HILL ROAD, CUMBERLAND, MAINE 04021

CONTRACT NO. C161373