

LEGEND:

- UPRIGHT SPRINKLER ON A BRANCH LINE
 - ⊙ UPRIGHT SPRINKLER ON A 1" SPRIG
 - ⊗ UPRIGHT SPRINKLER BELOW DUCTWORK
 - PENDENT SPRINKLER ON A BRANCH LINE
 - CONCEALED PENDENT SPRINKLER ON A 1" DROP
 - SEISMIC BRACE
 - ↑ RISE OR DROP
 - GROOVED RIGID COUPLING
 - GROOVED FLEXIBLE COUPLING
 - XX HYDRAULIC REFERENCE POINT
 - (X'-X') CEILING HEIGHT
 - HANGER
- F ℄ = X'-X" FINISHED FLOOR TO PIPE CENTERLINE
 TS ℄ = X'-X" TOP OF STEEL BEAM TO PIPE CENTERLINE
 BB ℄ = X'-X" BOTTOM OF BEAM TO PIPE CENTERLINE
 C ℄ = X'-X" CEILING TO PIPE CENTERLINE
 D ℄ = X'-X" CONCRETE DECK TO PIPE CENTERLINE
 CTE CONNECT TO EXISTING
 FHV FIRE HOSE VALVE

GENERAL NOTES:

ALL 1" TO 2" PIPE IS TO BE SCH. 40 BLACK STEEL U/N.
 ALL 2 1/2" TO 6" 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 CEILING TILES.
 SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET PIPE SPRINKLER SYSTEM IS REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

SYSTEM CLASSIFICATION:

THE WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS IS DESIGNED IN ACCORDANCE WITH NFPA-13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION.
 -LIGHT HAZARD OCCUPANCY FOR OFFICES, PATIENT AREAS AND PUBLIC AREAS, HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.10 GPM PER SQUARE FOOT OVER THE MOST REMOTE 1500 SQUARE FEET WITH A HOSE ALLOWANCE OF 250 GPM.
 -ORDINARY HAZARD, GROUP 2 FOR GENERAL STORAGE AREAS, MECHANICAL EQUIPMENT ROOMS, BUILDING SERVICE AREAS AND ELECTRICAL EQUIPMENT ROOMS, HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.20 GPM PER SQUARE FOOT OVER THE MOST REMOTE 2500 SQUARE FEET WITH A HOSE ALLOWANCE OF 250 GPM.

THE STANDPIPE SYSTEM IS DESIGNED IN ACCORDANCE WITH NFPA-14, STANDARD FOR THE INSTALLATION OF STANDPIPE, PRIVATE HYDRANTS, AND HOSE SYSTEMS, 2007 EDITION, FOR CLASS 1 AUTOMATIC WET TYPE.

SCOPE OF WORK:

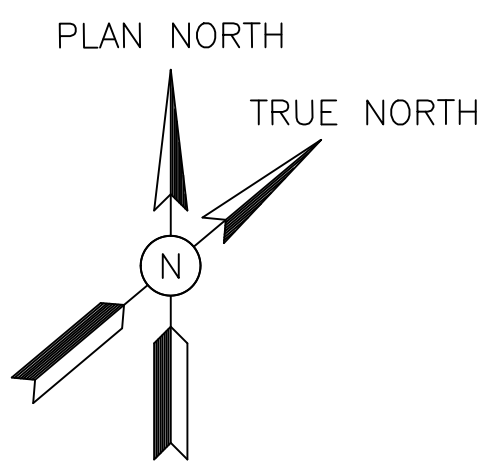
DESIGN AND INSTALL A COMBINED STANDPIPE AND SPRINKLER SYSTEM IN THE NEW BEAN 2 EXPANSION AREA.

FIRE PROTECTION SUBCONTRACTOR: DEAN & ALLYN, INC.
 STATE OF MAINE CONTRACTOR'S LICENSE NUMBER 262
 EXPIRATION DATE: JUNE 30, 2015

WORKING DRAWINGS PREPARED BY:
 THEODORE E. CLARKE
 NICET LEVEL IV
 CERTIFICATION #71654
 STATE OF MAINE RMS LICENSE NUMBER 208
 EXPIRATION DATE: JUNE 30, 2015

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

- 2 RELIABLE MODEL F1F856 BRASS UPRIGHT
200' QUICK RESPONSE, STANDARD COVERAGE
K=5.6, 1/2" NPT, SIN RA1425
- 219 RELIABLE MODEL CS-56 CONCEALED PENDENT
165' QUICK RESPONSE, STANDARD COVERAGE
WHITE, K=5.6, 1/2" NPT, SIN RA3415
- 15 RELIABLE MODEL F1F856 PENDENT
200' QUICK RESPONSE, STANDARD COVERAGE
WHITE, K=5.6, 1/2" NPT, SIN RA1414



SCALE 3/32"=1'-0"	SCALE 1/8"=1'-0"	SCALE 3/16"=1'-0"	SCALE 1/4"=1'-0"	DANA A. STEWART NICET IV - #064544	DRAWING TITLE: LEVEL 02 LAYOUT	REV. 0
DATE: 11/23/14	APPROVED BY: [Signature]	DATE: 11/23/14	DATE: 11/23/14	SURVEYED BY: [Signature]	JOB: MMC BEAN 2 ROOF ADDITION 22 BRAMHALL STREET PORTLAND, MAINE 04102	NO. OF SPRINKLERS SHOWN ON THIS SHEET: 236
DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	CHECKED BY: [Signature]	CONTRACT WITH: SUFFOLK CONSTRUCTION COMPANY 99 CONIFER HILL DRIVE, DANVERS, MA 01923	NO. OF SPRINKLERS ON JOB: LATER
DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	AT DEAN & ALLYN, INC.	CONTRACT NO. C14121	
DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	SCALE 1/8"=1'-0" U/N		
DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	DATE: 11/23/14	SHEET NO. 3 OF 4		