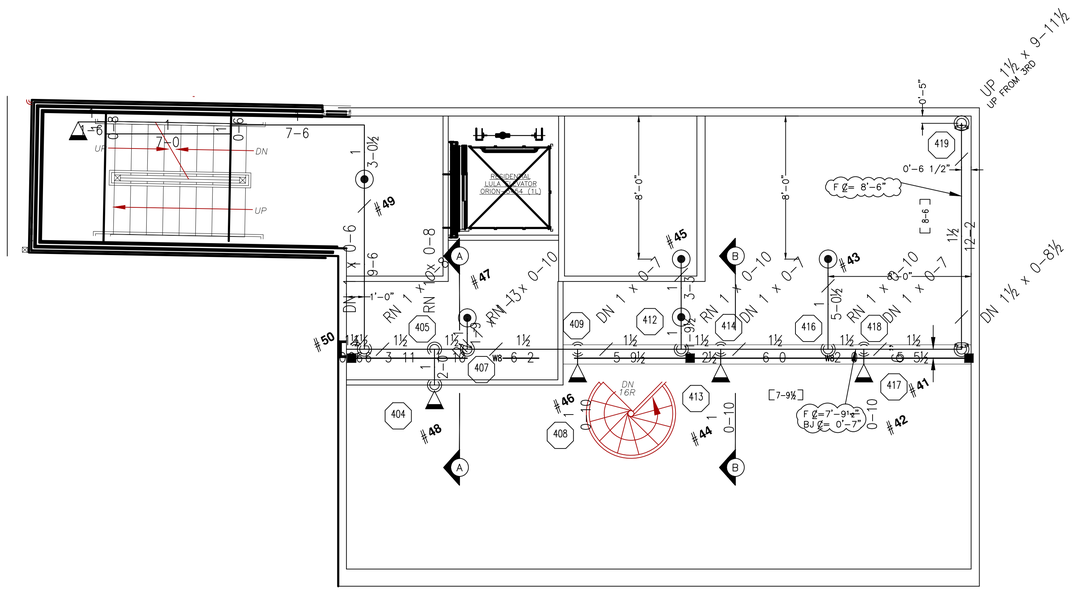
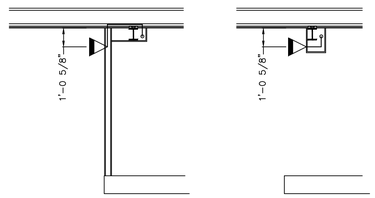
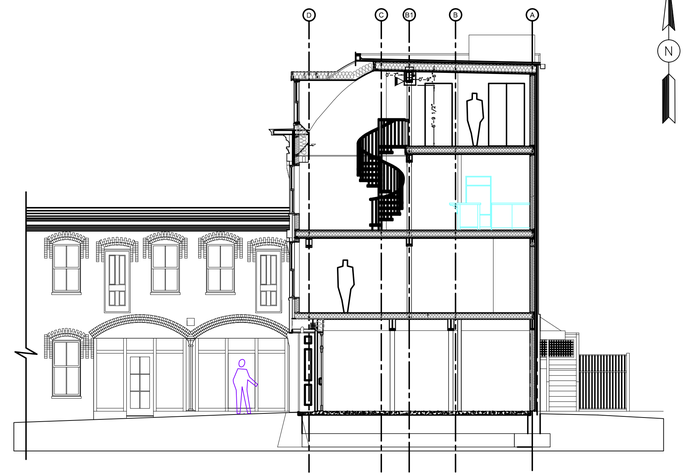


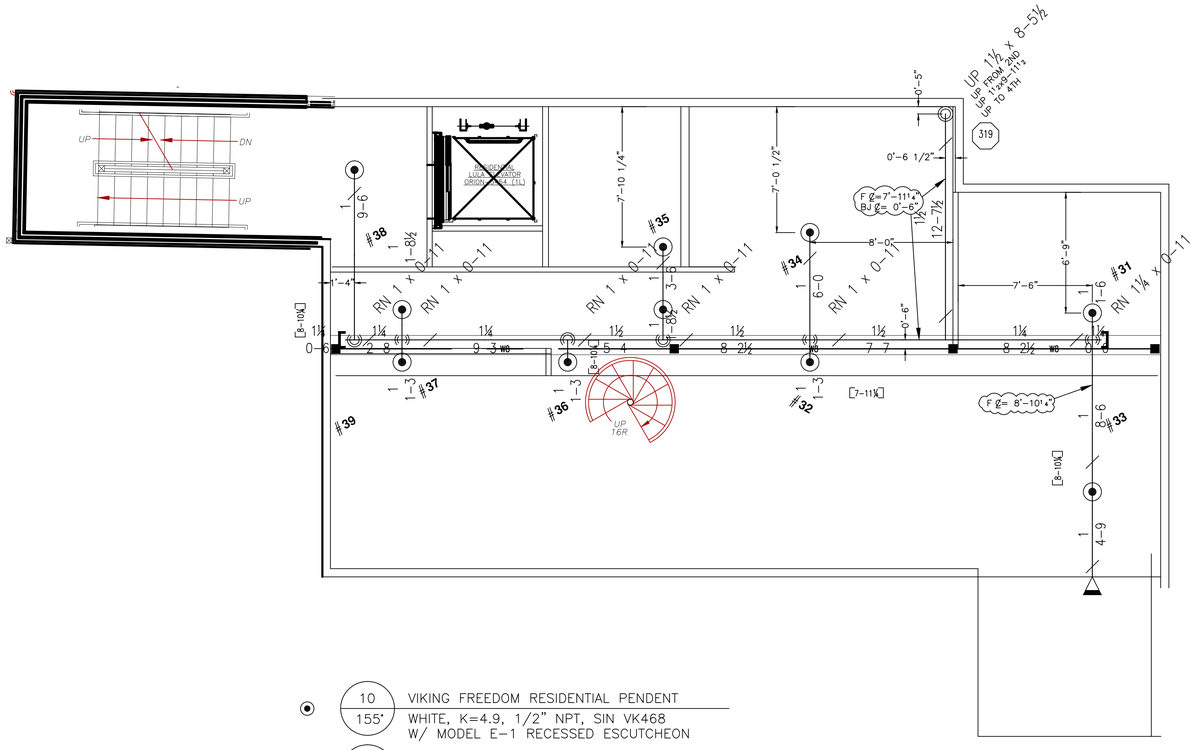




CALC FILE: C1003 INDIA ST 4TH FLOOR.WX1

Design Area No. WX1	–	13R		
Density 0.05	Area	4 HEADS		
Flow 64.8	gpm @	46.7	psi	
Includes 0	gpm Hose allowance			

⊙	5 / 155°	VIKING FREEDOM RESIDENTIAL PENDENT WHITE, K=4.9, 1/2" NPT, SIN VK468 W/ MODEL E-1 RECESSED ESCUTCHEON
◁	5 / 155°	VIKING FREEDOM RESIDENTIAL HORIZONTAL SIDEWALL WHITE, K=4.0, 1/2" NPT, SIN VK453 W/ MODEL E-1 RECESSED ESCUTCHEON



⊙	10 / 155°	VIKING FREEDOM RESIDENTIAL PENDENT WHITE, K=4.9, 1/2" NPT, SIN VK468 W/ MODEL E-1 RECESSED ESCUTCHEON
◁	1 / 155°	VIKING FREEDOM RESIDENTIAL HORIZONTAL SIDEWALL WHITE, K=4.0, 1/2" NPT, SIN VK453 W/ MODEL E-1 RECESSED ESCUTCHEON

LEGEND:

- ○ UPRIGHT SPRINKLER ON A BRANCH LINE
- ⊙ COMMERCIAL RECESSED PENDENT SPRINKLER ON A 1" DROP
- ◁ COMMERCIAL RECESSED HORIZONTAL SIDEWALL SPRINKLER
- ◁ COMMERCIAL VERTICAL SIDEWALL SPRINKLER ON A 1" DROP
- ◀ RESIDENTIAL RECESSED HORIZONTAL SIDEWALL SPRINKLER
- ⊙ RESIDENTIAL RECESSED PENDENT SPRINKLER ON A 1" DROP
- ○ RISE OR DROP
- ⬯ GROOVED COUPLING
- (XX) HYDRAULIC REFERENCE POINT
- (0-0) CEILING HEIGHT
- / HANGER

F ℄= X'–X" FINISHED FLOOR TO PIPE CENTERLINE
BJ ℄= X'–X" BOTTOM OF JOIST TO PIPE CENTERLINE
BB ℄= X'–X" BOTTOM OF BEAM TO PIPE CENTERLINE
C ℄= X'–X" CEILING TO PIPE CENTERLINE

GENERAL NOTES:

ALL THREADED PIPE IS TO BE SCH. 40 BLACK STEEL U/N.
ALL 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 NOT LOCATED IN THE CENTER OF 2X2 AND 2X4 CEILING TILE MODULES.
SUFFICIENT HEAT TO PREVENT FREEZING OF THE WET SPRINKLER SYSTEM IS REQUIRED TO BE FURNISHED BY THE BUYER/OWNER.

SYSTEM CLASSIFICATION:

A WET PIPE SYSTEM OF AUTOMATIC SPRINKLERS DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA–13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2010 EDITION AND NFPA–13R, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN RESIDENTIAL OCCUPANCIES UP TO AND INCLUDING FOUR STORIES IN HEIGHT, 2007 EDITION.
FIRST FLOOR: RETAIL
HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.20 GPM PER SQUARE FOOT OVER THE AREA OF THE LARGEST ROOM, WITH AN ALLOWANCE OF 250 GPM FOR HOSE STREAMS.
SECOND FLOOR: OFFICES/STORAGE
HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER THE AREA OF THE LARGEST ROOM, WITH AN ALLOWANCE OF 250 GPM FOR HOSE STREAMS.
THIRD AND FOURTH FLOORS: APARTMENT–RESIDENTIAL
HYDRAULICALLY CALCULATED TO PROVIDE A DENSITY OF 0.05 GPM PER SQUARE FOOT OVER THE AREA PROTECTED BY THE MOST DEMANDING FOUR SPRINKLERS.

DEAN & ALLYN, INC.
FIRE PROTECTION · SPECIAL HAZARD
PO BOX 709, GRAY, MAINE 04039
(207)657–5646 FAX:(207)657–5647

SCALE 1/4"=1'–0" | SCALE 1/8"=1'–0"

DANA A. STEWART
NICET IV – #064544

			APPROVED BY	DATE	
				/ /	SURVEYED BY TEC 4/25/11
				/ /	DRAWN BY TEC 5/4/11
				/ /	CHECKED BY DAS
				/ /	AT DEAN & ALLYN, INC
	0	SUBMIT FOR APPROVAL	5/4/11	/ /	SCALE 1/4"=1'–0" U/N
		REVISIONS	DATE	/ /	SHEET NO. 3 OF 3

DRAWING TITLE: SPRINKLER LAYOUT THIRD AND FOURTH FLOORS

REV. 0

JOB: 61 INDIA STREET PORTLAND, MAINE

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 21

NO. OF SPRINKLERS ON JOB: 82

CONTRACT WITH: JOSEPH REYNOLDS
198 TUTTLE ROAD, CUMBERLAND, MAINE 04021

CONTRACT NO. C111003