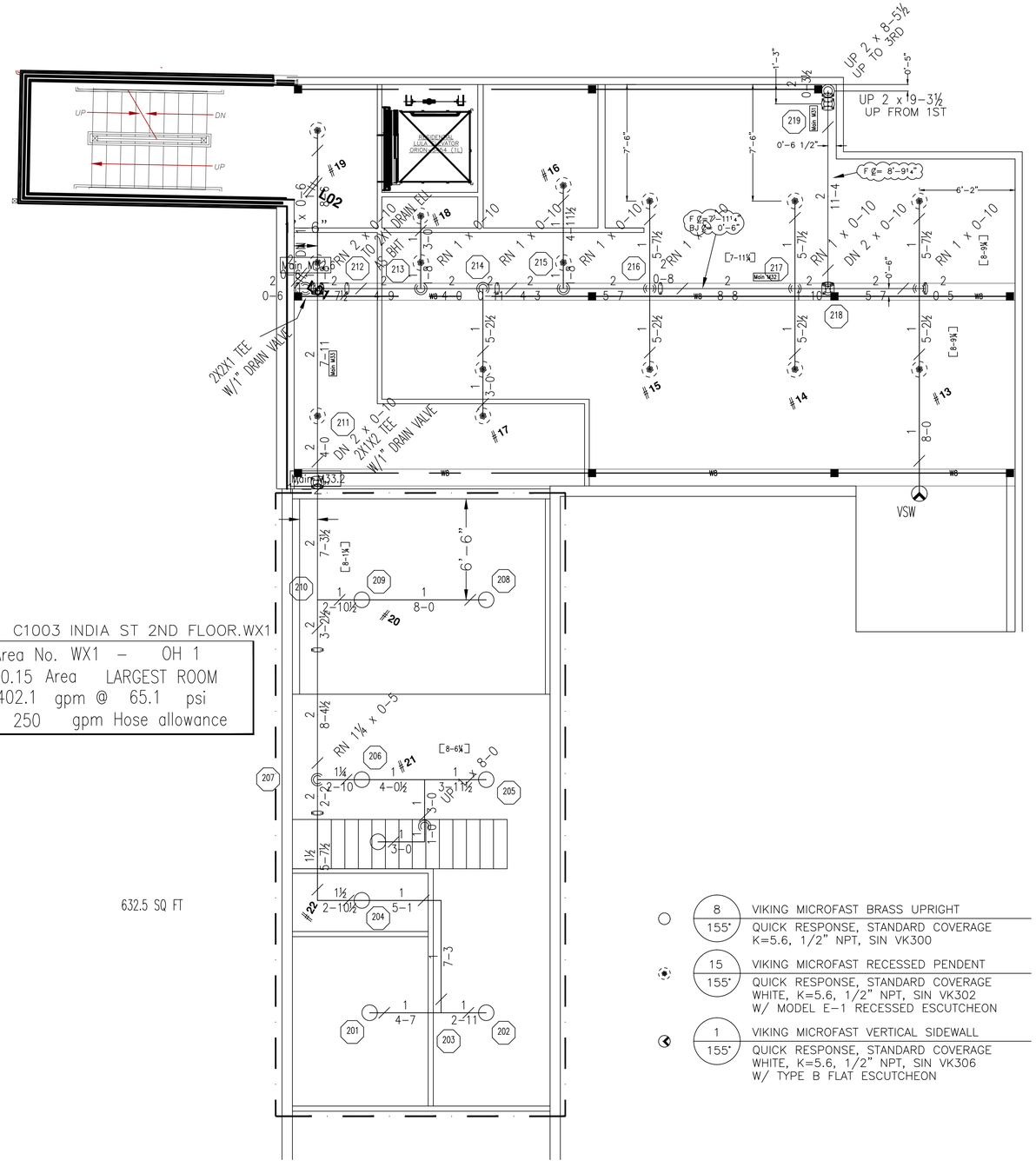
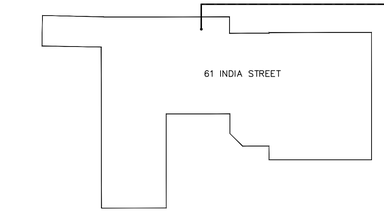


CALC FILE: C1003 INDIA ST 2ND FLOOR.WX1

Design Area No. WX1 – OH 1
Density 0.15 Area LARGEST ROOM
Flow 402.1 gpm @ 65.1 psi
Includes 250 gpm Hose allowance

632.5 SQ FT

HYDRANT FLOW TEST:
DATE: 04-20-2007
HYDRANT #298
STATIC: 98 PSI
RESIDUAL: 92 PSI
W/1034 GPM FLOWING
INFO PROVIDED BY:
PORTLAND WATER DISTRICT



PLOT PLAN
1"=20"

INDIA STREET

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

- ○ 8 / 155° — VIKING MICROFAST BRASS UPRIGHT — QUICK RESPONSE, STANDARD COVERAGE K=5.6, 1/2" NPT, SIN VK300
- ◉ 15 / 155° — VIKING MICROFAST RECESSED PENDENT — QUICK RESPONSE, STANDARD COVERAGE WHITE, K=5.6, 1/2" NPT, SIN VK302 W/ MODEL E-1 RECESSED ESCUTCHEON
- ◀ 1 / 155° — VIKING MICROFAST VERTICAL SIDEWALL — QUICK RESPONSE, STANDARD COVERAGE WHITE, K=5.6, 1/2" NPT, SIN VK306 W/ TYPE B FLAT ESCUTCHEON

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"

		APPROVED BY	DATE	DANA A. STEWART NICET IV – #064544	
			/ /	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. 2 OF 3	

DRAWING TITLE: SPRINKLER LAYOUT SECOND FLOOR

REV. 0

JOB: 61 INDIA STREET PORTLAND, MAINE

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 24

NO. OF SPRINKLERS ON JOB: 82

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

CONTRACT NO. C111003