CALC FILE C1305 4.5 rev2.WXF

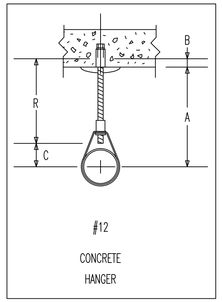
HYDRAULIC DATA:
BASIS OF DESIGN (NFPA 13 LT HZ)
DENSITY .15 AREA OF COVERAGE 2500 SQ FEET

TOTAL ORIFICE TEMP
SPRINKLERS 22 1/2" 200°

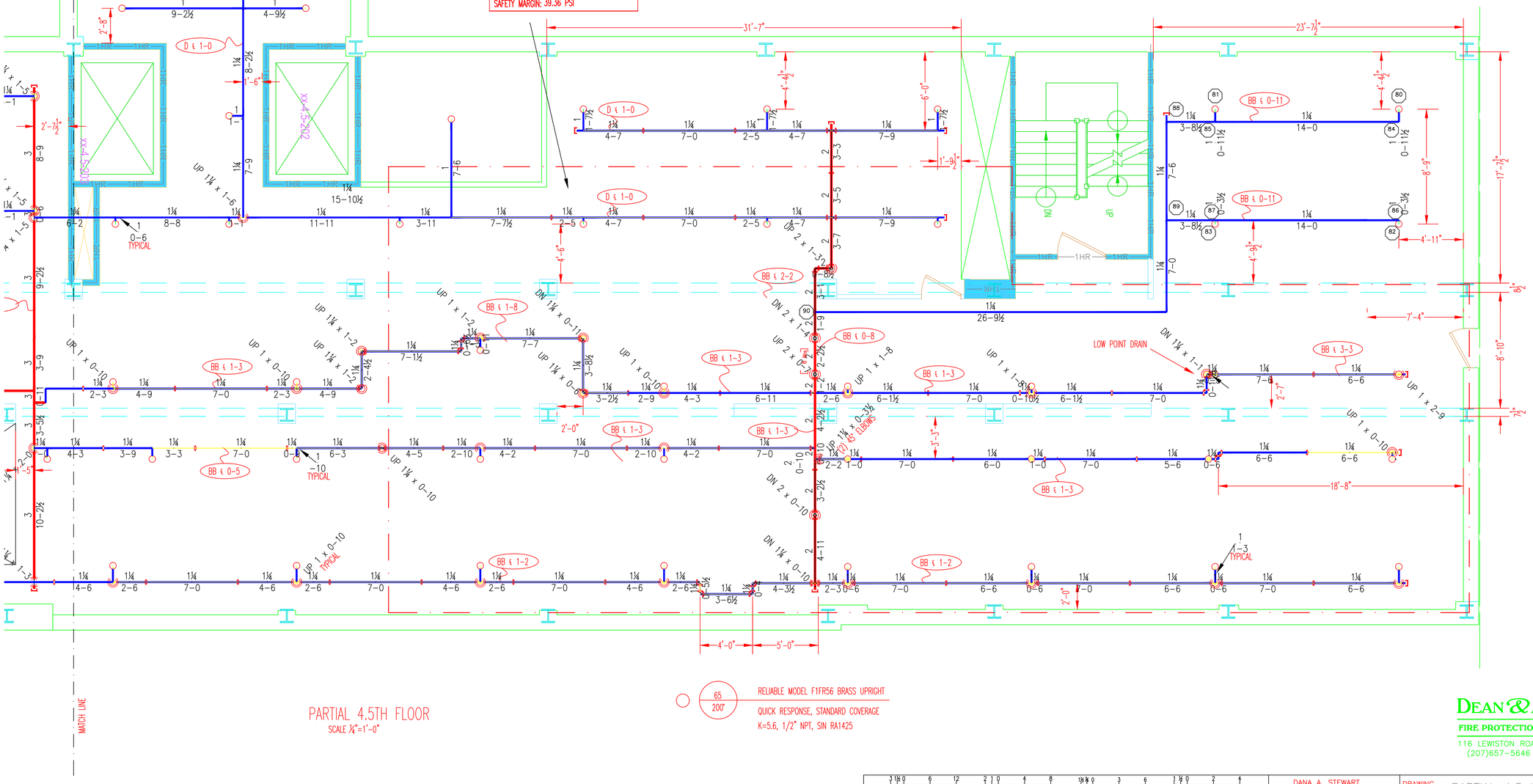
SYSTEM DEMAND AT BASE OF RISER:

PRESSURE	FLOW	HOSE
165.888 PSI	542.144 GPM	250 GPM

OCCUPANCY: FM HC-2 ORDINARE HAZ II
SAFETY MARGIN: 39.36 PSI



#12
CONCRETE
HANGER



PARTIAL 4.5TH FLOOR
SCALE ¼"=1'-0"

65
200°

RELIABLE MODEL F1FR56 BRASS UPRIGHT
QUICK RESPONSE, STANDARD COVERAGE
K=5.6, 1/2" NPT, SIN RA1425

Pavilion 4.5 Level Sprinkler Layout

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

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

			APPROVED BY	DATE	
				//	
				//	
				//	
				//	
		SUBMIT FOR PERMIT	11/25/15	//	
		REVISIONS	DATE	//	

SURVEYED BY	SEC	11/01/15	
DRAWN BY	SEC	11/09/15	
CHECKED BY	DAS	11/16/15	
AT DEAN & ALLYN, INC			
SCALE 1/4"=1'-0" U/N			
SHEET NO. 3 OF 5			

DRAWING TITLE: PARTIAL 4.5 LEVEL SPRINKLER

JOB: MAINE MEDICAL CENTER
4TH & 4.5 LEVEL PAVILION
BRAMHALL CAMPUS
PORTLAND, MAINE

CONTRACT WITH: MAINE MEDICAL CENTER

SUBMITTAL

NO. OF SPRINKLERS SHOWN ON THIS SHEET: 65

NO. OF SPRINKLERS ON JOB: 141

CONTRACT NO. C151305