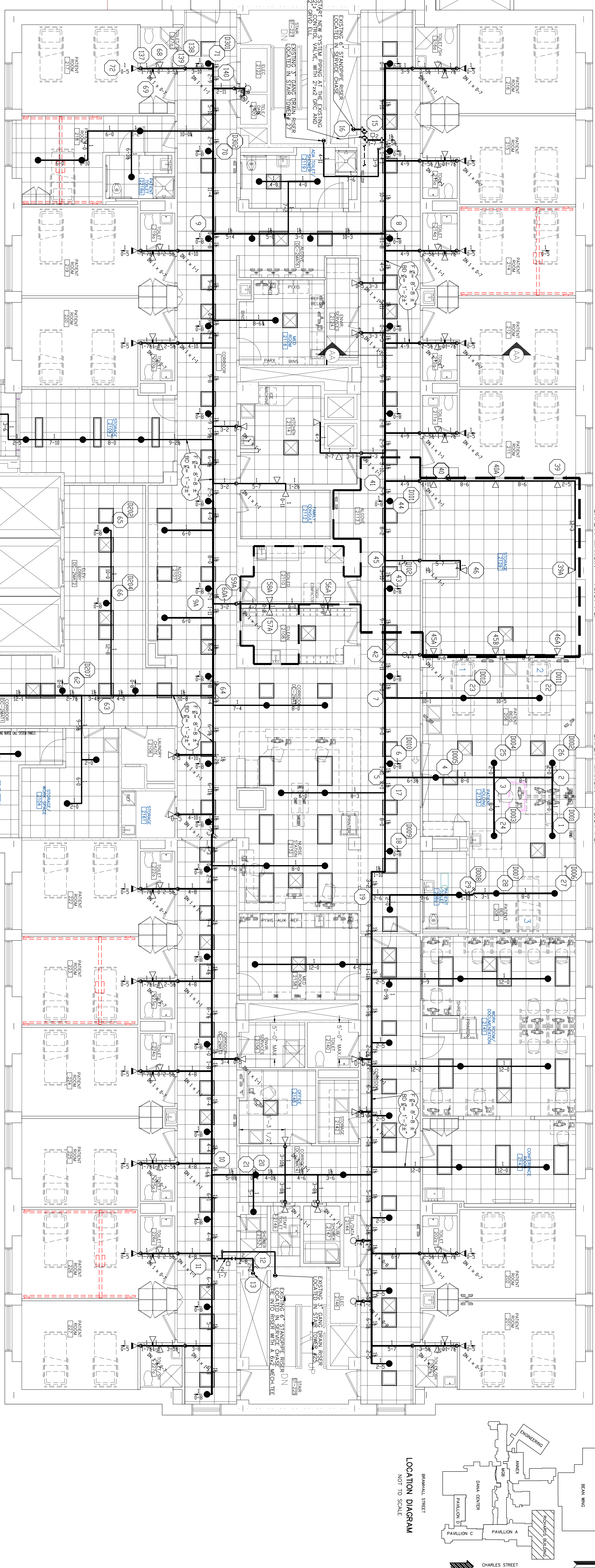


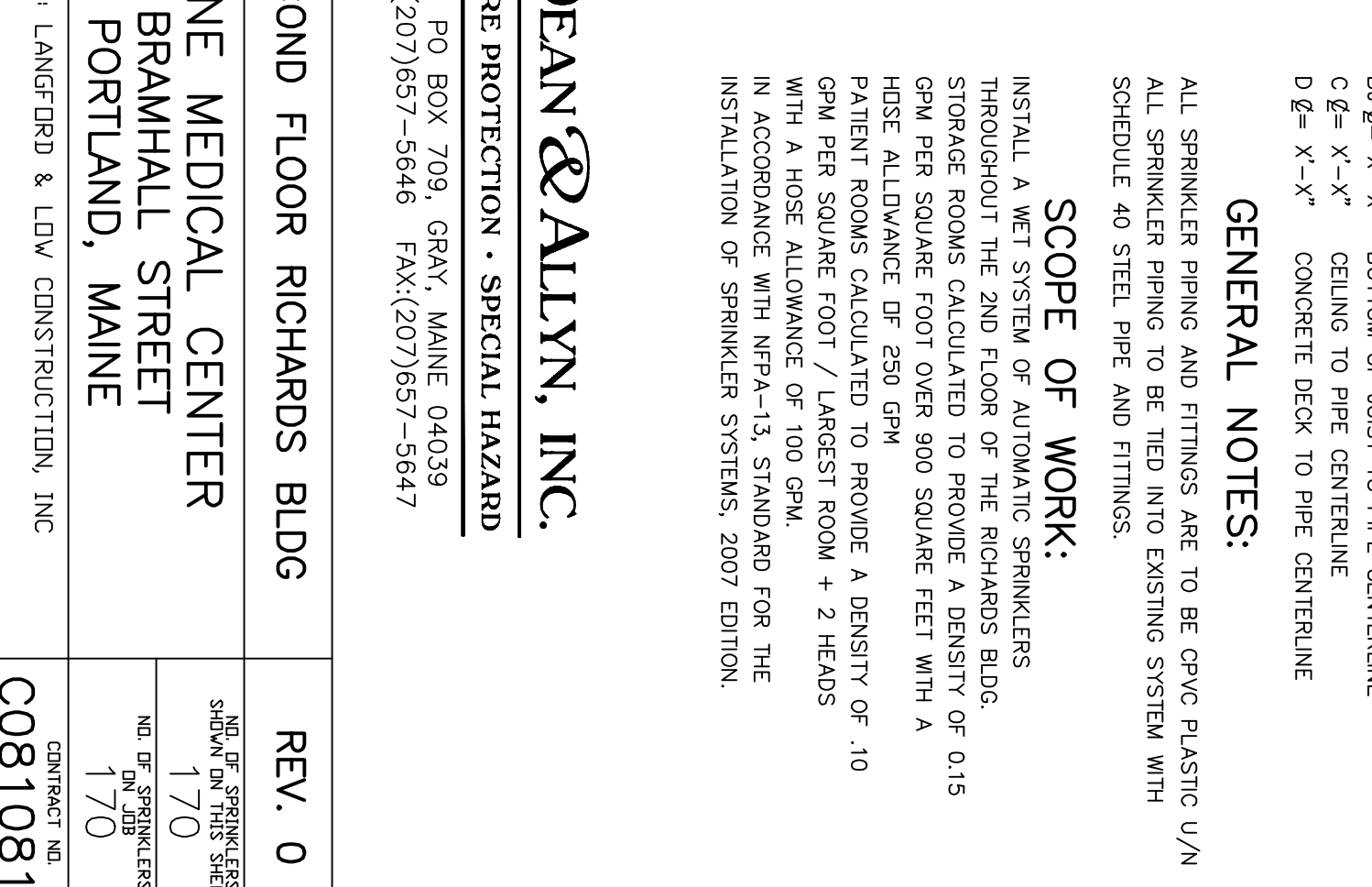
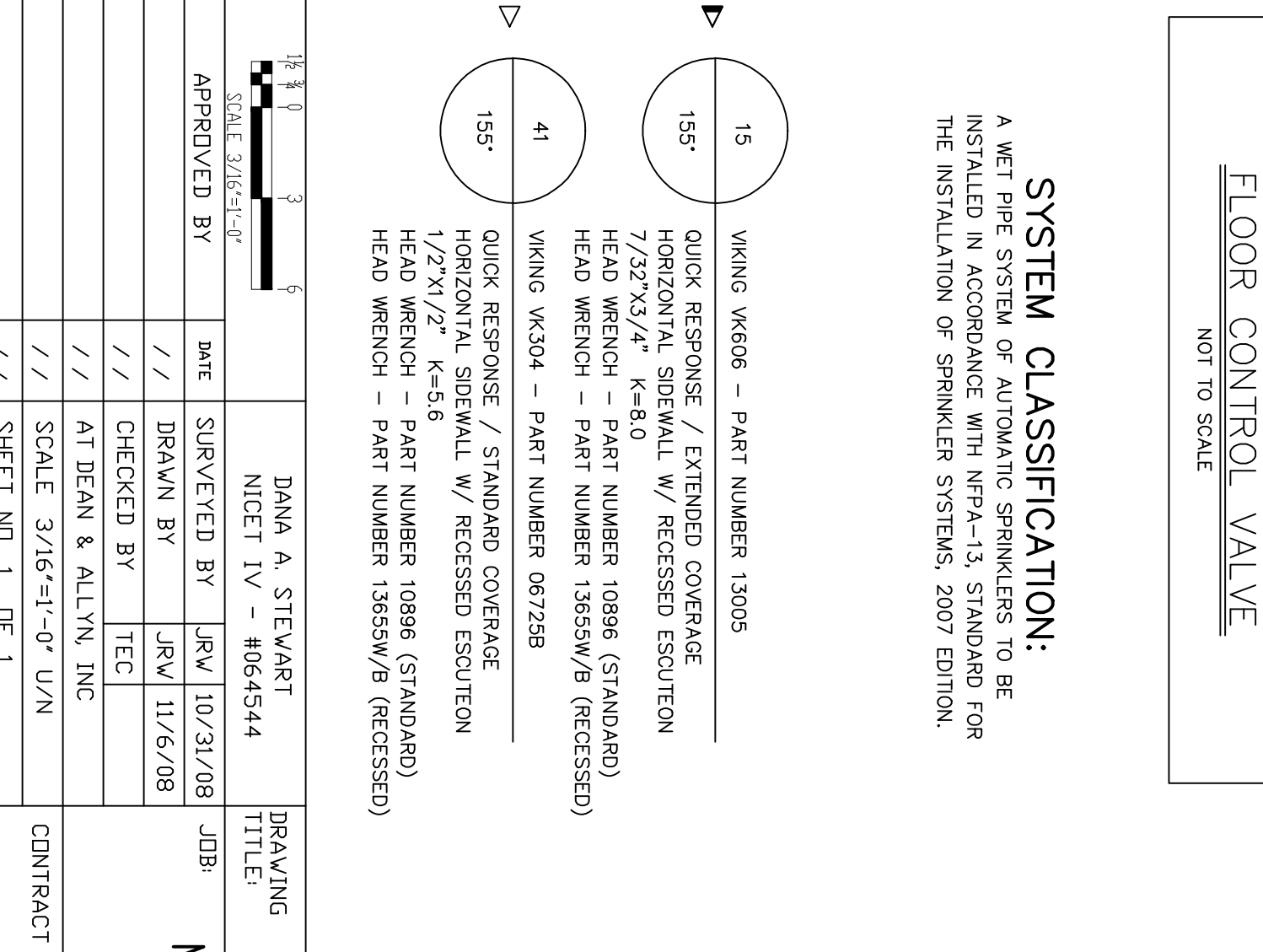
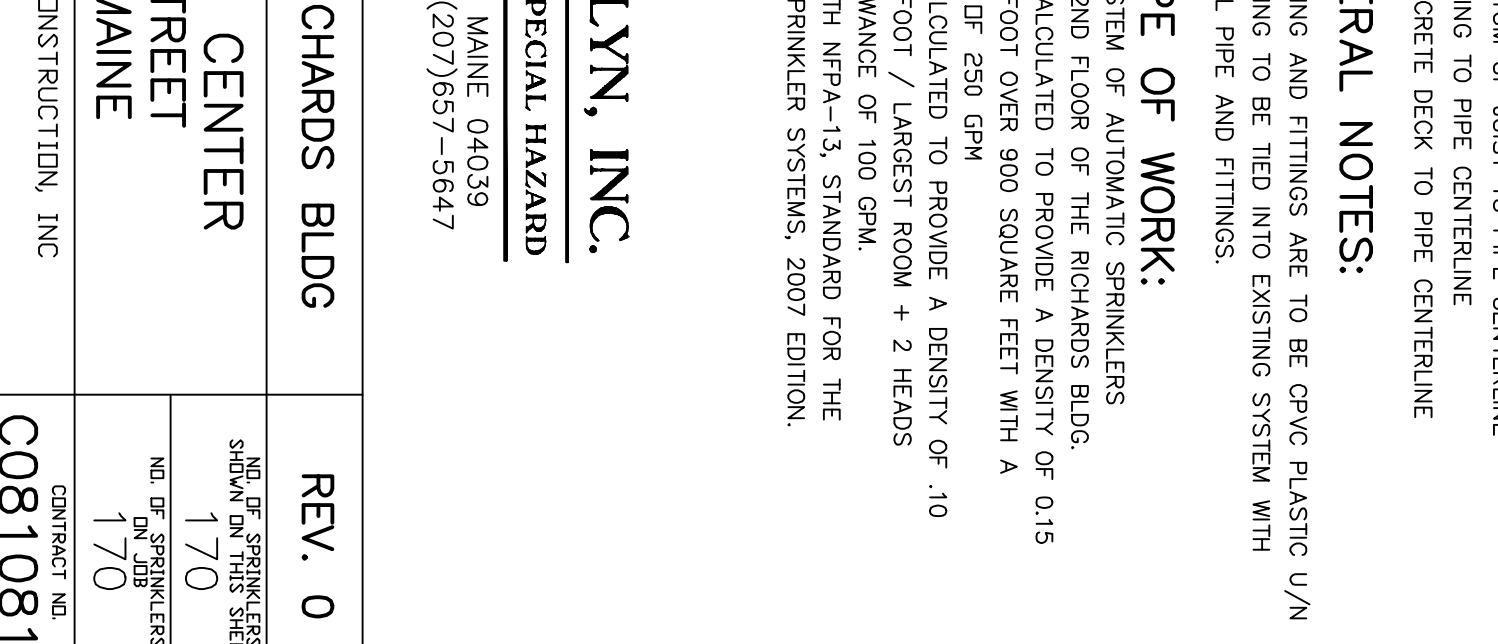
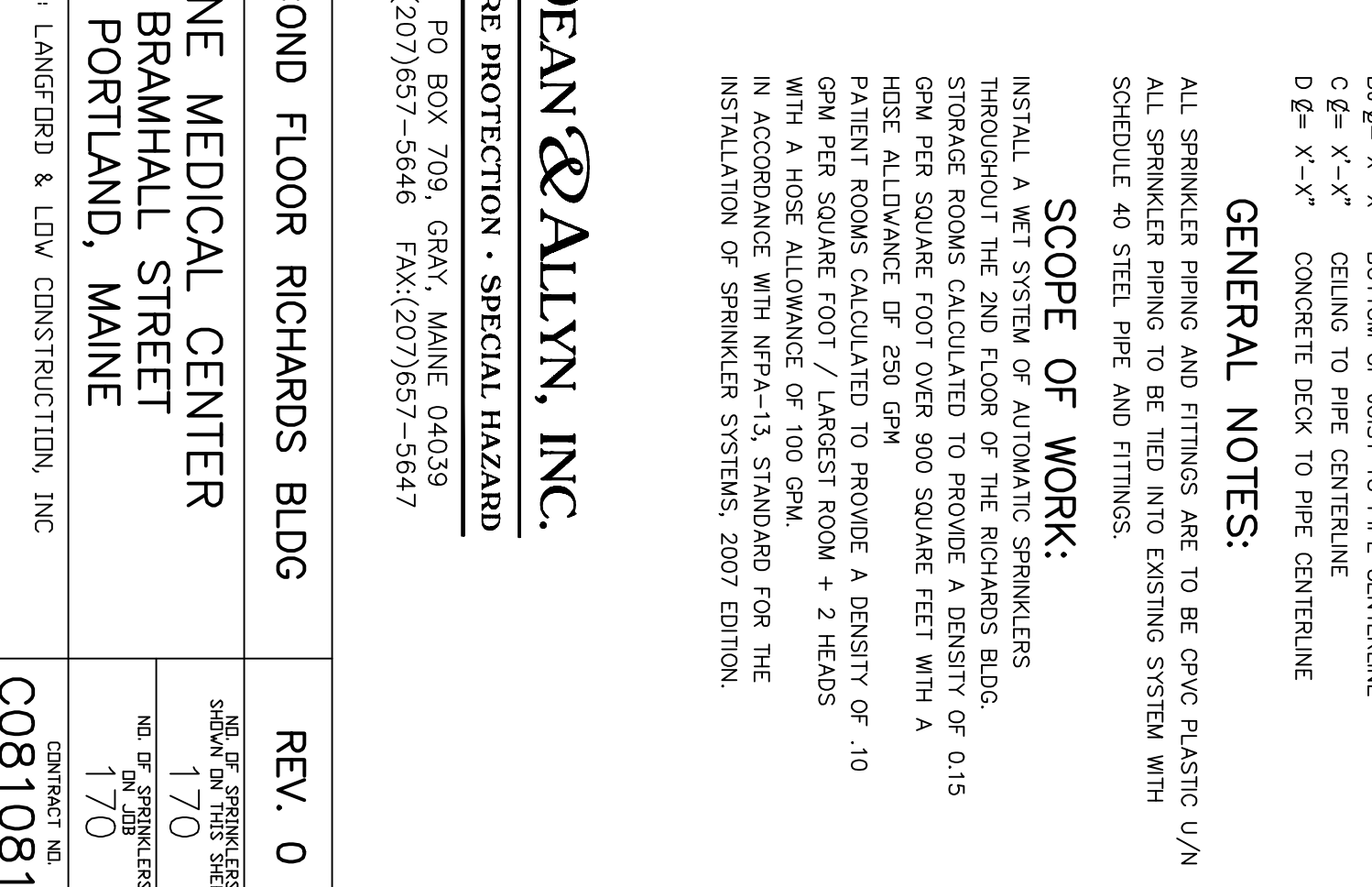
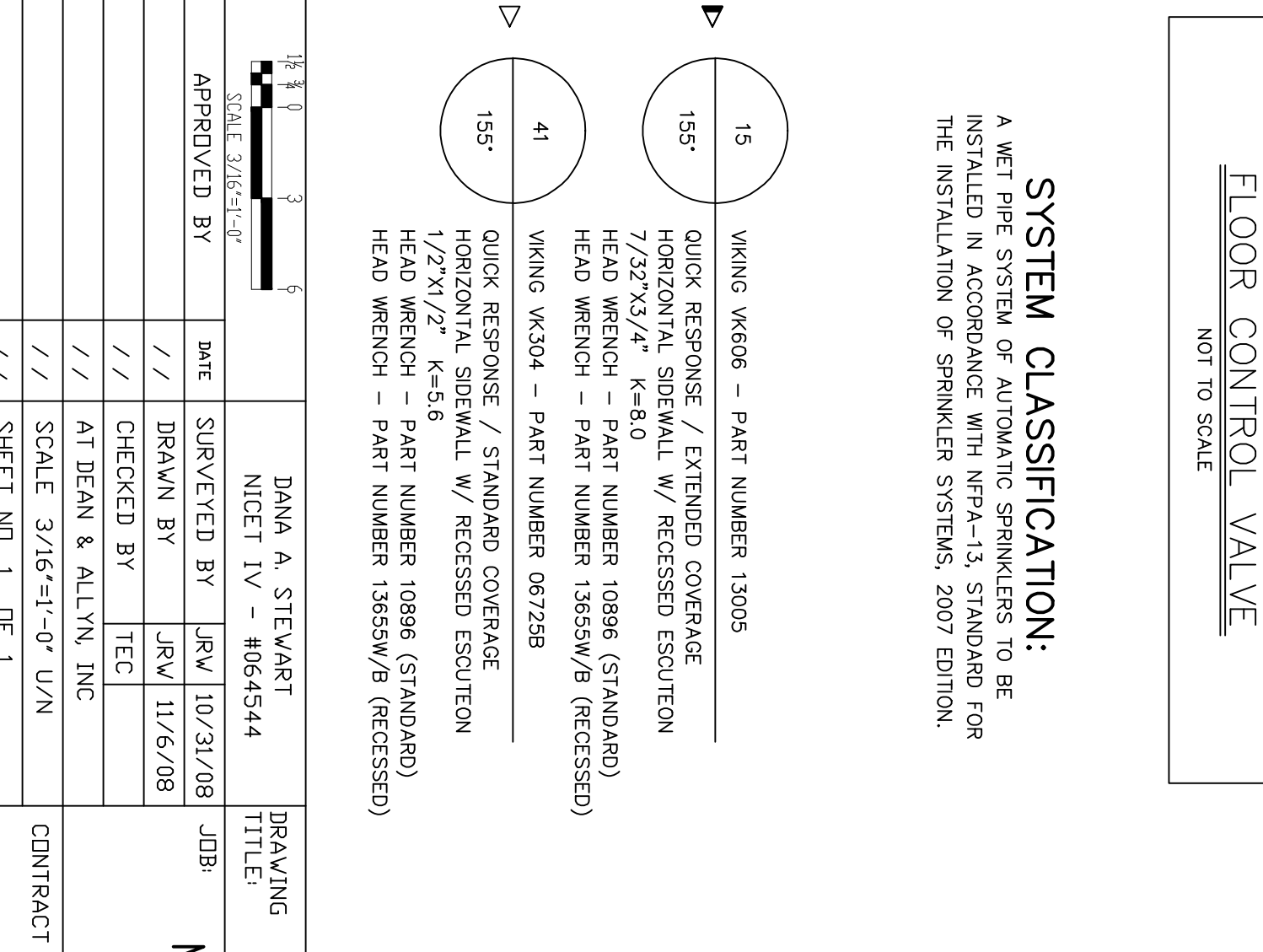
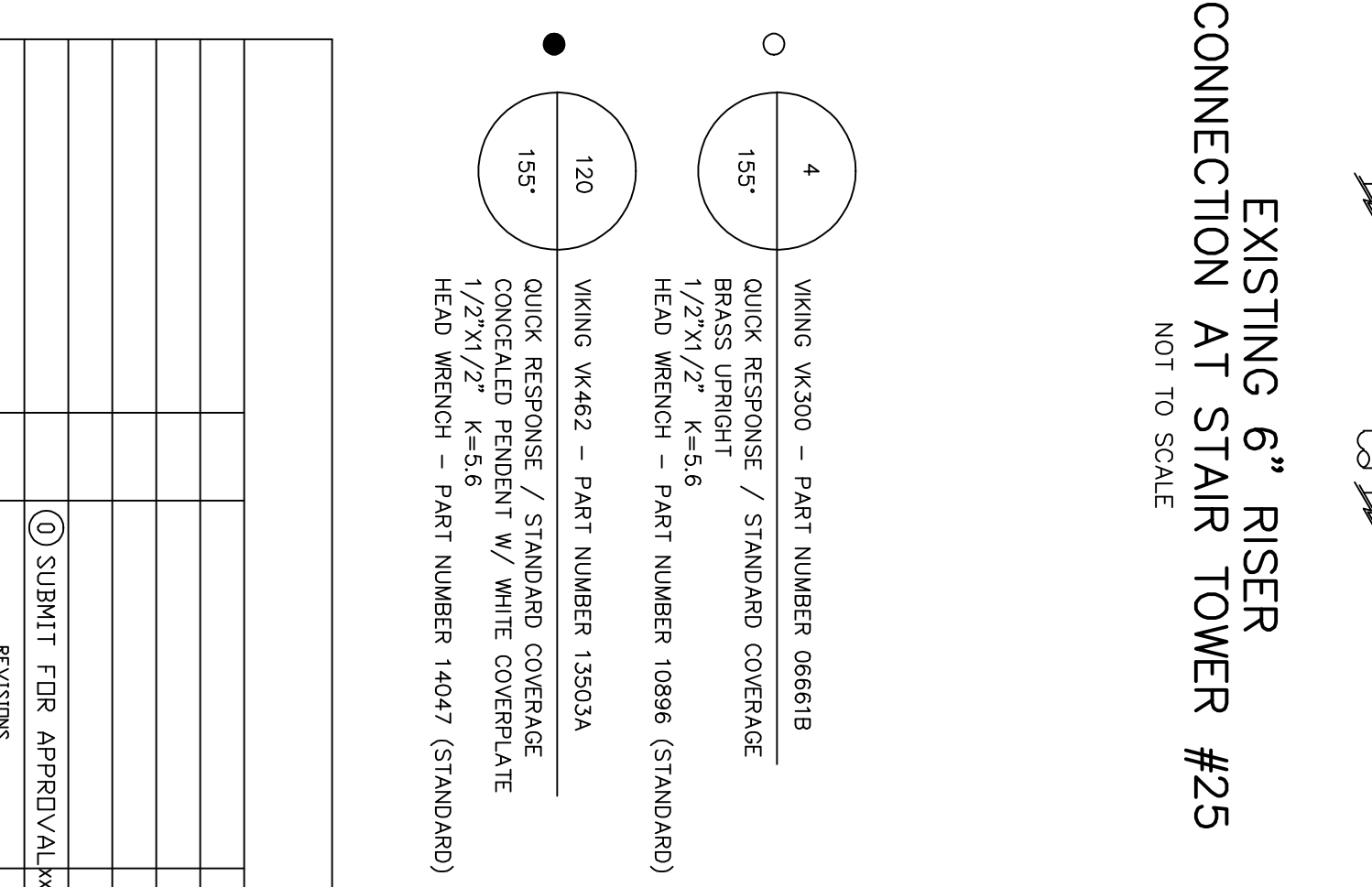
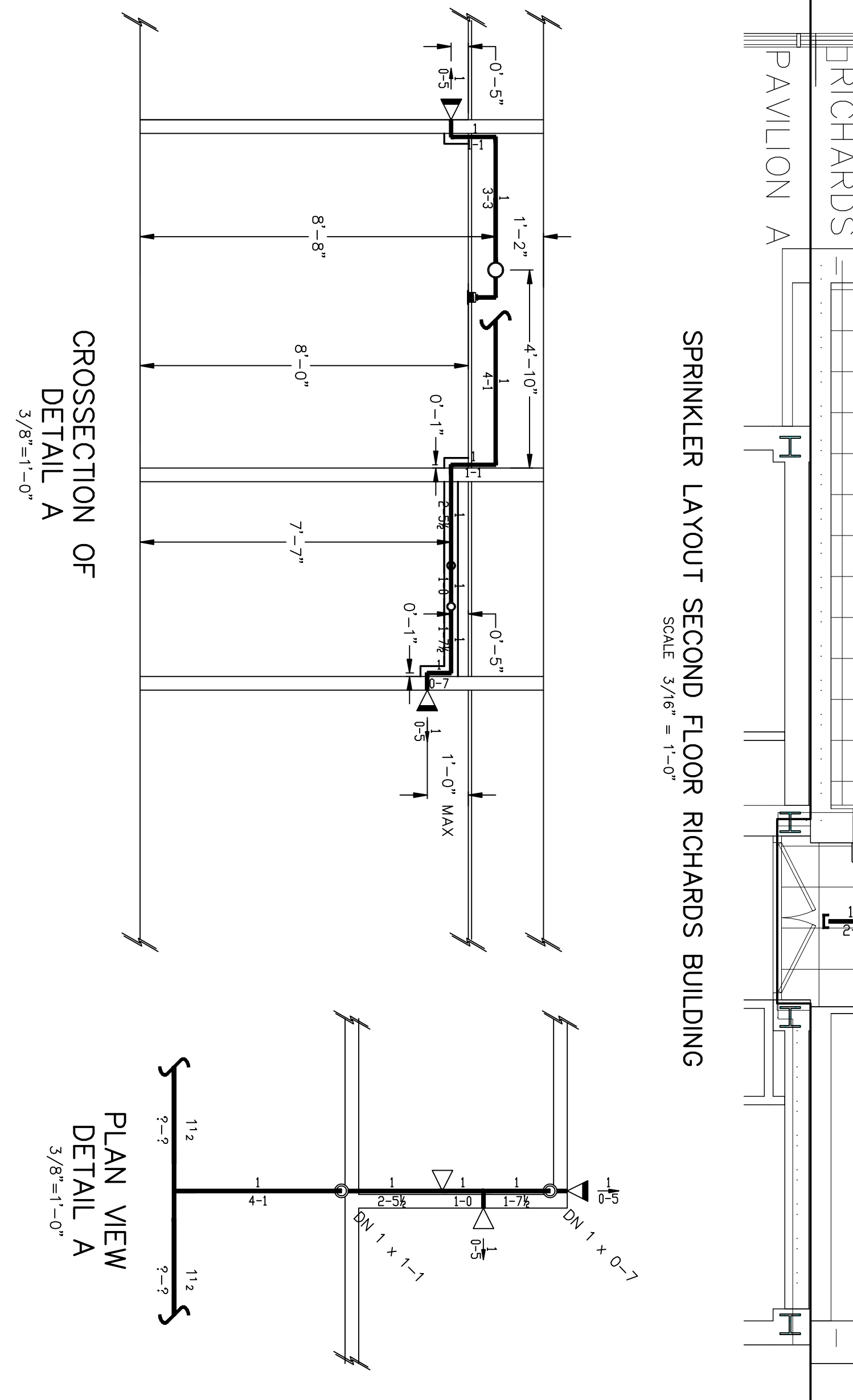
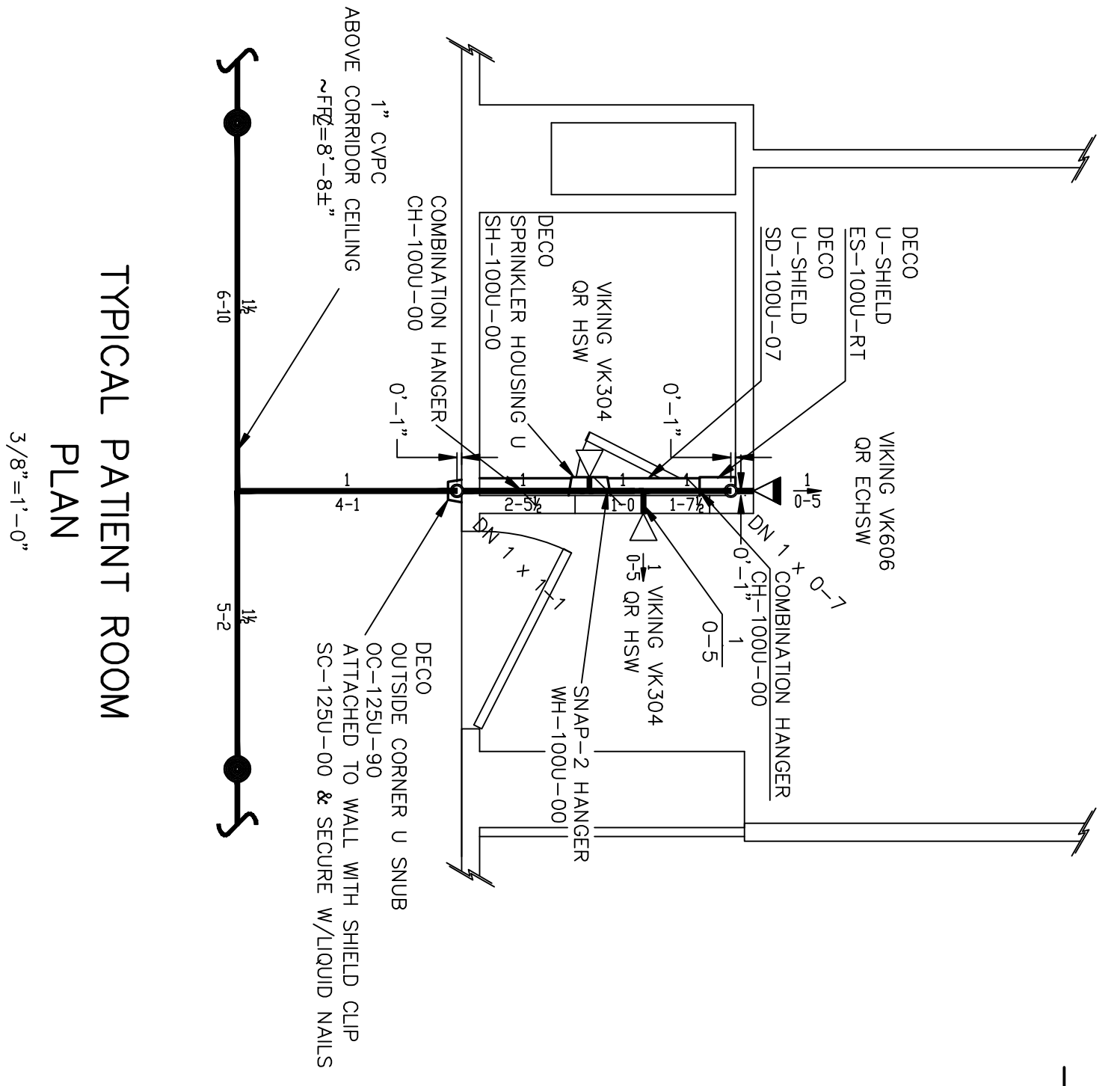
CALC FILE C818 2ND FLOOR RICHARDS BLDG
 Design Area No. Wx2 - O.H. - 1
 Density .15 Area 900 SQ FT
 Flow 532.27 gpm @ 76.46 psi
 Includes 250 gpm Hose Allowance
 SAFETY MARGIN = 76.01 PSI

CALC FILE C818 2ND FLOOR RICHARDS BLDG
 Design Area No. Wx1 - LIGHT HAZARD
 Density .10 Area 7 - HEADS
 Flow 347.20 gpm @ 81.76 psi
 Includes 100 gpm Hose Allowance
 SAFETY MARGIN = 78.04 PSI

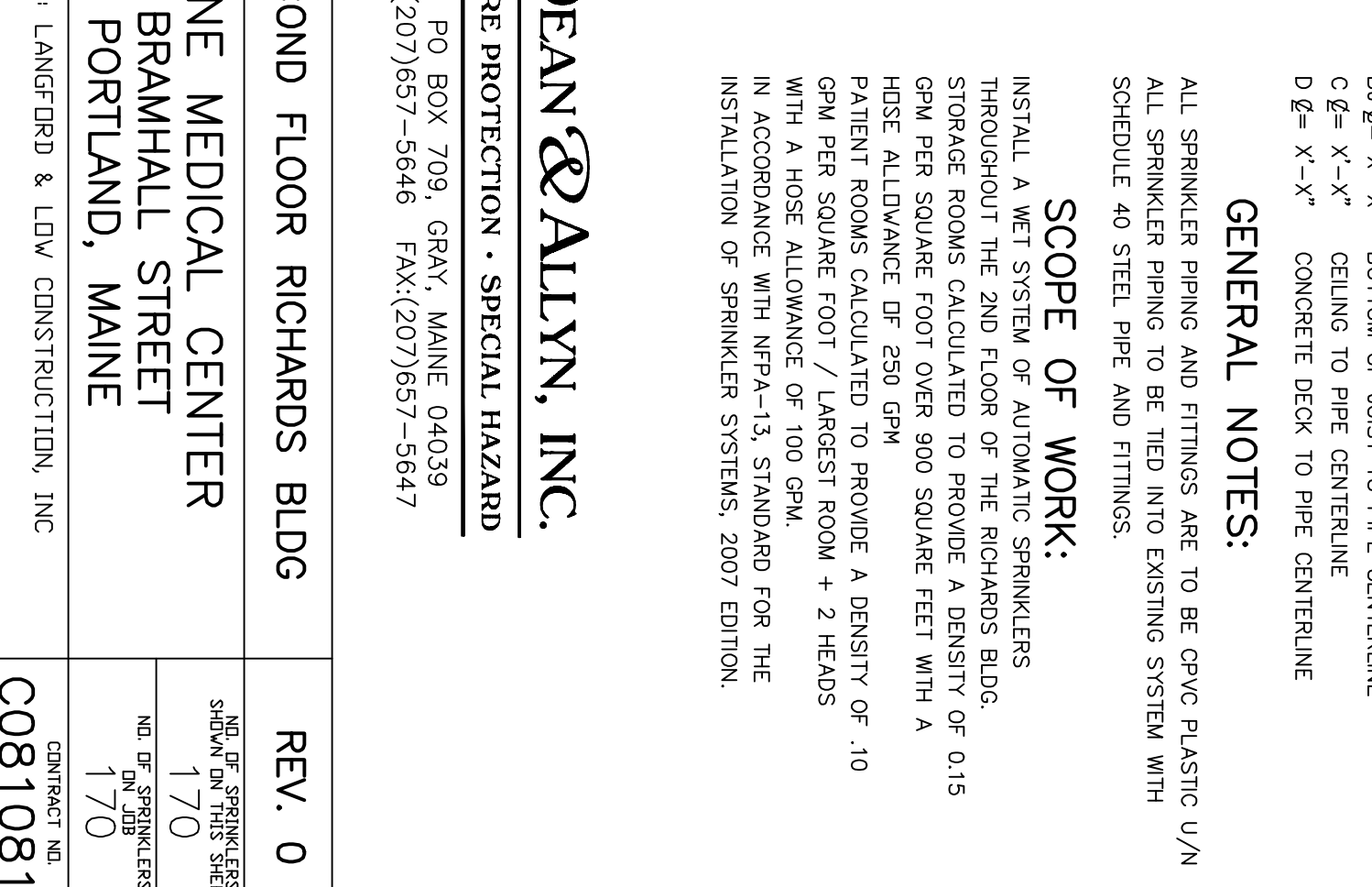


CALC FILE C818 2ND FLOOR RICHARDS BLDG
 Design Area No. Wx4 - LIGHT HAZARD
 Density .10 Area 5 - HEADS
 Flow 265.80 gpm @ 94.82 psi
 Includes 100 gpm Hose Allowance
 SAFETY MARGIN = 68.96 PSI

CALC FILE C818 2ND FLOOR RICHARDS BLDG
 Design Area No. Wx3 - LIGHT HAZARD
 Density .10 Area 7 - HEADS
 Flow 245.15 gpm @ 63.77 psi
 Includes 100 gpm Hose Allowance
 SAFETY MARGIN = 100.87 PSI



GENERAL NOTES:
 ALL SPRINKLER PIPING AND FITTINGS ARE TO BE CPVC PLASTIC U/V ALL SPRINKLER PIPING TO BE TIED INTO EXISTING SYSTEM WITH SCHEDULE 40 STEEL PIPE AND FITTINGS.
 INSTALL A MET SYSTEM OF AUTOMATIC SPRINKLERS THROUGHOUT THE 2ND FLOOR OF THE RICHARDS BLDG. STORAGE ROOMS CALCULATED TO PROVIDE A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER 900 SQUARE FEET WITH A PATENT ROOMS CALCULATED TO PROVIDE A DENSITY OF 1.0 GPM PER SQUARE FOOT. LARGEST ROOM + 2 HEADS WITH A HOSE ALLOWANCE OF 100 GPM.
 IN ACCORDANCE WITH NFPA-13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION.



GENERAL NOTES:
 ALL SPRINKLER PIPING AND FITTINGS ARE TO BE CPVC PLASTIC U/V ALL SPRINKLER PIPING TO BE TIED INTO EXISTING SYSTEM WITH SCHEDULE 40 STEEL PIPE AND FITTINGS.
 INSTALL A MET SYSTEM OF AUTOMATIC SPRINKLERS THROUGHOUT THE 2ND FLOOR OF THE RICHARDS BLDG. STORAGE ROOMS CALCULATED TO PROVIDE A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER 900 SQUARE FEET WITH A PATENT ROOMS CALCULATED TO PROVIDE A DENSITY OF 1.0 GPM PER SQUARE FOOT. LARGEST ROOM + 2 HEADS WITH A HOSE ALLOWANCE OF 100 GPM.
 IN ACCORDANCE WITH NFPA-13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION.

SCOPE OF WORK:
 INSTALL A MET SYSTEM OF AUTOMATIC SPRINKLERS THROUGHOUT THE 2ND FLOOR OF THE RICHARDS BLDG. STORAGE ROOMS CALCULATED TO PROVIDE A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER 900 SQUARE FEET WITH A PATENT ROOMS CALCULATED TO PROVIDE A DENSITY OF 1.0 GPM PER SQUARE FOOT. LARGEST ROOM + 2 HEADS WITH A HOSE ALLOWANCE OF 100 GPM.
 IN ACCORDANCE WITH NFPA-13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2007 EDITION.

DEAN & ALLYN, INC.
 FIRE PROTECTION - SPECIAL HAZARD
 PO BOX 709, GAY, MAINE 04039
 (207)657-5648 FAX:(207)657-5647

DATE	REVISION	BY	DESCRIPTION
11/16/08	1	TEC	ISSUE FOR APPROVAL
11/16/08	2	TEC	ISSUE FOR APPROVAL
11/16/08	3	TEC	ISSUE FOR APPROVAL
11/16/08	4	TEC	ISSUE FOR APPROVAL
11/16/08	5	TEC	ISSUE FOR APPROVAL
11/16/08	6	TEC	ISSUE FOR APPROVAL
11/16/08	7	TEC	ISSUE FOR APPROVAL
11/16/08	8	TEC	ISSUE FOR APPROVAL
11/16/08	9	TEC	ISSUE FOR APPROVAL
11/16/08	10	TEC	ISSUE FOR APPROVAL
11/16/08	11	TEC	ISSUE FOR APPROVAL
11/16/08	12	TEC	ISSUE FOR APPROVAL
11/16/08	13	TEC	ISSUE FOR APPROVAL
11/16/08	14	TEC	ISSUE FOR APPROVAL
11/16/08	15	TEC	ISSUE FOR APPROVAL
11/16/08	16	TEC	ISSUE FOR APPROVAL
11/16/08	17	TEC	ISSUE FOR APPROVAL
11/16/08	18	TEC	ISSUE FOR APPROVAL
11/16/08	19	TEC	ISSUE FOR APPROVAL
11/16/08	20	TEC	ISSUE FOR APPROVAL
11/16/08	21	TEC	ISSUE FOR APPROVAL
11/16/08	22	TEC	ISSUE FOR APPROVAL
11/16/08	23	TEC	ISSUE FOR APPROVAL
11/16/08	24	TEC	ISSUE FOR APPROVAL
11/16/08	25	TEC	ISSUE FOR APPROVAL
11/16/08	26	TEC	ISSUE FOR APPROVAL
11/16/08	27	TEC	ISSUE FOR APPROVAL
11/16/08	28	TEC	ISSUE FOR APPROVAL
11/16/08	29	TEC	ISSUE FOR APPROVAL
11/16/08	30	TEC	ISSUE FOR APPROVAL
11/16/08	31	TEC	ISSUE FOR APPROVAL
11/16/08	32	TEC	ISSUE FOR APPROVAL
11/16/08	33	TEC	ISSUE FOR APPROVAL
11/16/08	34	TEC	ISSUE FOR APPROVAL
11/16/08	35	TEC	ISSUE FOR APPROVAL
11/16/08	36	TEC	ISSUE FOR APPROVAL
11/16/08	37	TEC	ISSUE FOR APPROVAL
11/16/08	38	TEC	ISSUE FOR APPROVAL
11/16/08	39	TEC	ISSUE FOR APPROVAL
11/16/08	40	TEC	ISSUE FOR APPROVAL
11/16/08	41	TEC	ISSUE FOR APPROVAL
11/16/08	42	TEC	ISSUE FOR APPROVAL
11/16/08	43	TEC	ISSUE FOR APPROVAL
11/16/08	44	TEC	ISSUE FOR APPROVAL
11/16/08	45	TEC	ISSUE FOR APPROVAL
11/16/08	46	TEC	ISSUE FOR APPROVAL
11/16/08	47	TEC	ISSUE FOR APPROVAL
11/16/08	48	TEC	ISSUE FOR APPROVAL
11/16/08	49	TEC	ISSUE FOR APPROVAL
11/16/08	50	TEC	ISSUE FOR APPROVAL
11/16/08	51	TEC	ISSUE FOR APPROVAL
11/16/08	52	TEC	ISSUE FOR APPROVAL
11/16/08	53	TEC	ISSUE FOR APPROVAL
11/16/08	54	TEC	ISSUE FOR APPROVAL
11/16/08	55	TEC	ISSUE FOR APPROVAL
11/16/08	56	TEC	ISSUE FOR APPROVAL
11/16/08	57	TEC	ISSUE FOR APPROVAL
11/16/08	58	TEC	ISSUE FOR APPROVAL
11/16/08	59	TEC	ISSUE FOR APPROVAL
11/16/08	60	TEC	ISSUE FOR APPROVAL
11/16/08	61	TEC	ISSUE FOR APPROVAL
11/16/08	62	TEC	ISSUE FOR APPROVAL
11/16/08	63	TEC	ISSUE FOR APPROVAL
11/16/08	64	TEC	ISSUE FOR APPROVAL
11/16/08	65	TEC	ISSUE FOR APPROVAL
11/16/08	66	TEC	ISSUE FOR APPROVAL
11/16/08	67	TEC	ISSUE FOR APPROVAL
11/16/08	68	TEC	ISSUE FOR APPROVAL
11/16/08	69	TEC	ISSUE FOR APPROVAL
11/16/08	70	TEC	ISSUE FOR APPROVAL
11/16/08	71	TEC	ISSUE FOR APPROVAL
11/16/08	72	TEC	ISSUE FOR APPROVAL
11/16/08	73	TEC	ISSUE FOR APPROVAL
11/16/08	74	TEC	ISSUE FOR APPROVAL
11/16/08	75	TEC	ISSUE FOR APPROVAL
11/16/08	76	TEC	ISSUE FOR APPROVAL
11/16/08	77	TEC	ISSUE FOR APPROVAL
11/16/08	78	TEC	ISSUE FOR APPROVAL
11/16/08	79	TEC	ISSUE FOR APPROVAL
11/16/08	80	TEC	ISSUE FOR APPROVAL
11/16/08	81	TEC	ISSUE FOR APPROVAL
11/16/08	82	TEC	ISSUE FOR APPROVAL
11/16/08	83	TEC	ISSUE FOR APPROVAL
11/16/08	84	TEC	ISSUE FOR APPROVAL
11/16/08	85	TEC	ISSUE FOR APPROVAL
11/16/08	86	TEC	ISSUE FOR APPROVAL
11/16/08	87	TEC	ISSUE FOR APPROVAL
11/16/08	88	TEC	ISSUE FOR APPROVAL
11/16/08	89	TEC	ISSUE FOR APPROVAL
11/16/08	90	TEC	ISSUE FOR APPROVAL
11/16/08	91	TEC	ISSUE FOR APPROVAL
11/16/08	92	TEC	ISSUE FOR APPROVAL
11/16/08	93	TEC	ISSUE FOR APPROVAL
11/16/08	94	TEC	ISSUE FOR APPROVAL
11/16/08	95	TEC	ISSUE FOR APPROVAL
11/16/08	96	TEC	ISSUE FOR APPROVAL
11/16/08	97	TEC	ISSUE FOR APPROVAL
11/16/08	98	TEC	ISSUE FOR APPROVAL
11/16/08	99	TEC	ISSUE FOR APPROVAL
11/16/08	100	TEC	ISSUE FOR APPROVAL

REV. 0
 DATE: 11/16/08
 BY: TEC
 PROJECT: SECOND FLOOR RICHARDS BLDG
 CONTRACTOR: MAIN MEDICAL CENTER
 BRAMHALL STREET
 PORTLAND, MAINE
 CONTRACT NO: C0810818