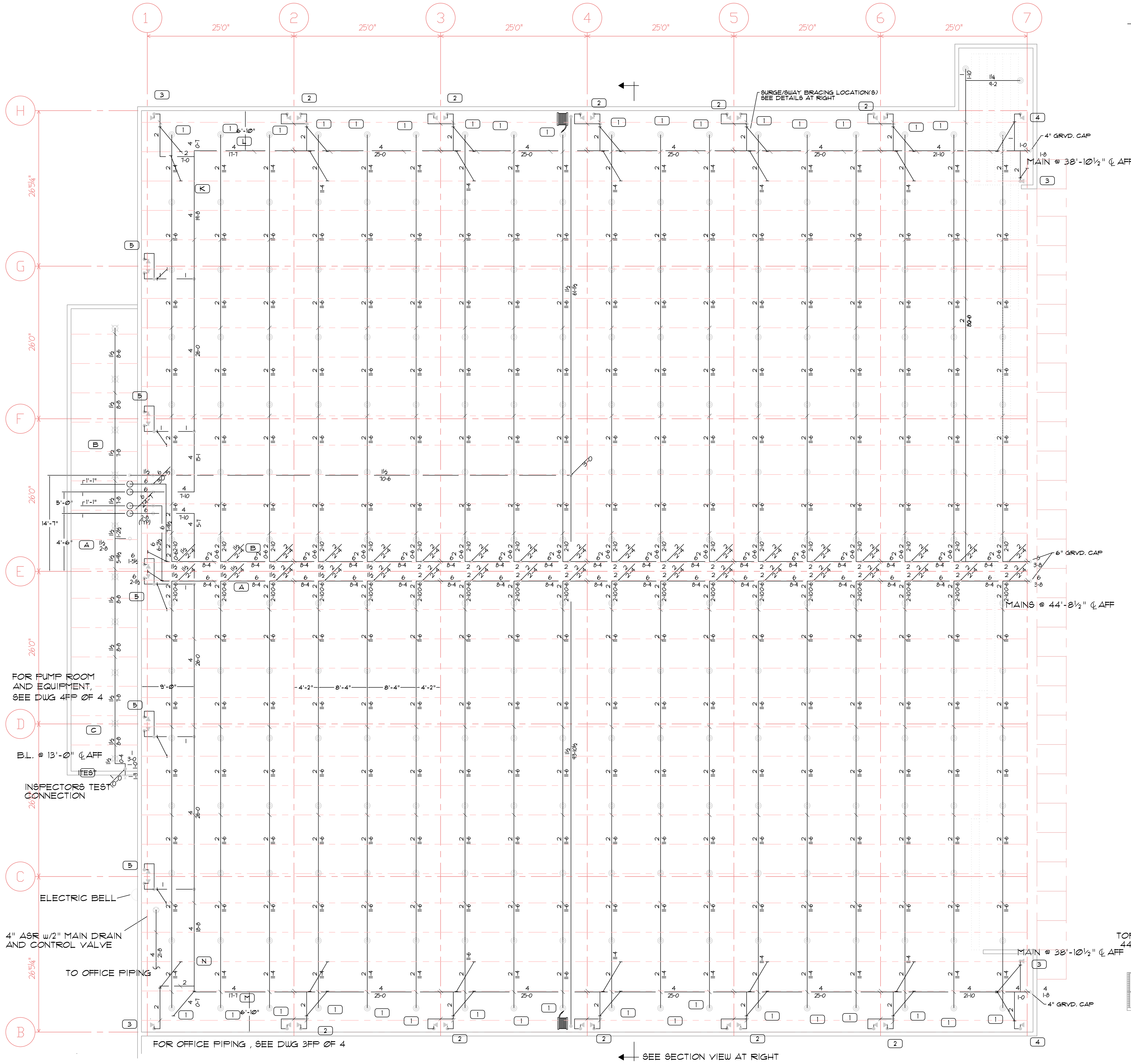
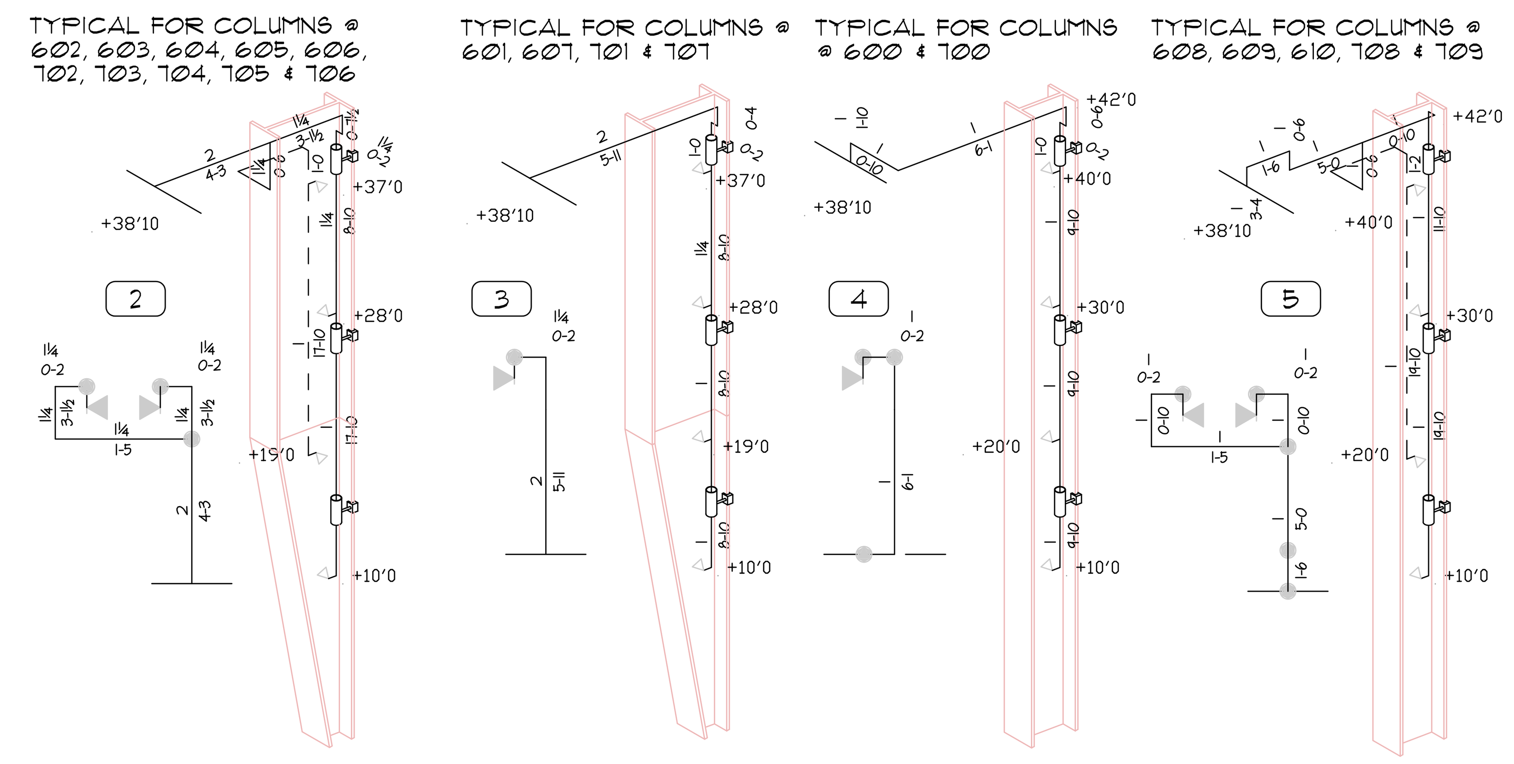
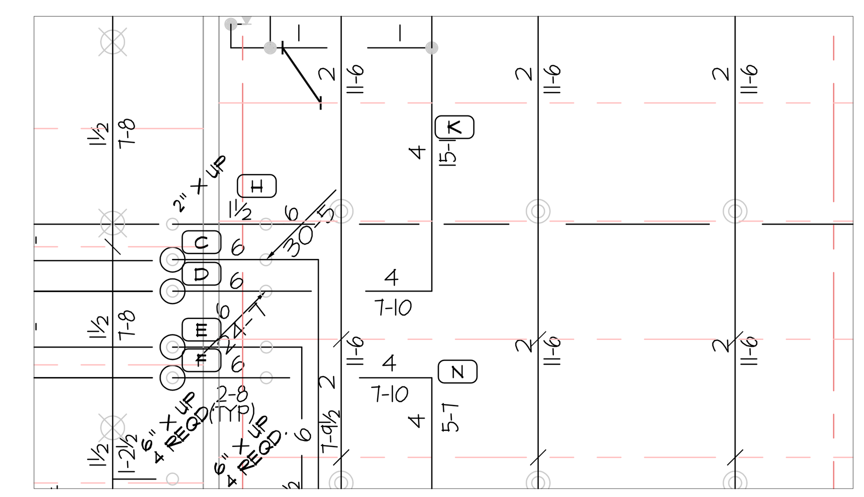


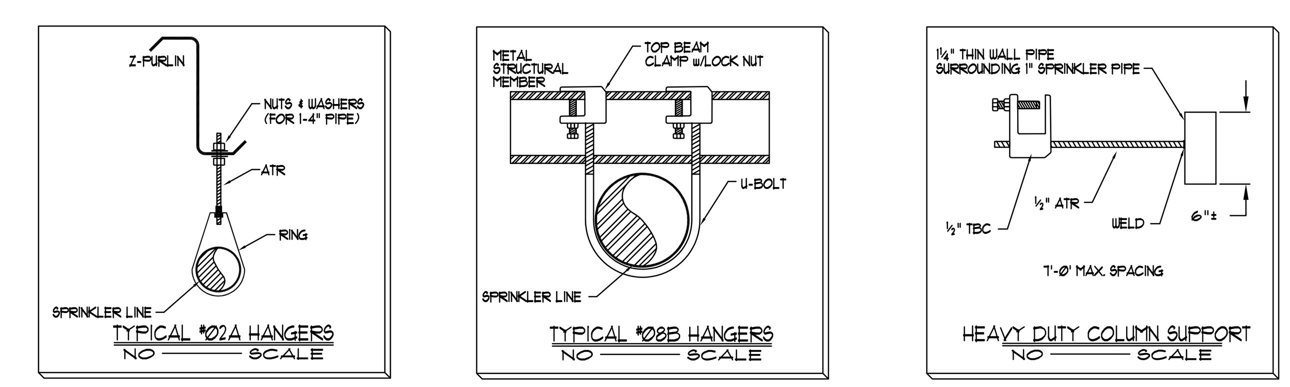
ROOF PIPING PLAN
SCALE: 1/8" = 1'-0"



COLUMN PROTECTION SCHEMATICS
SCALE: 1/8" = 1'-0"



ENLARGED PLAN AT RISERS
SCALE: 3/16" = 1'-0"



= ½" U-BOLT ON EACH SIDE OF FRAME = SWAY BRACING

= #02A X 1-8 HANGER U.N.O. (SEE DETAIL)

GENERAL NOTES

ALL 1"-2" PIPE W/ THREADED FITTINGS TO BE SCH-40 ASTM-A-135 STANDARDS.

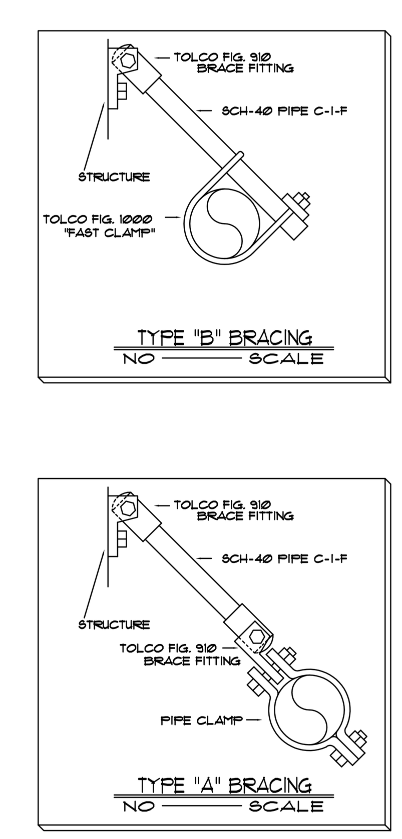
ALL 1¼"-6" PIPE w/WELDED OR GROOVED FITTINGS TO BE DYNAFLOW PIPE ASTM-A-795 STD.

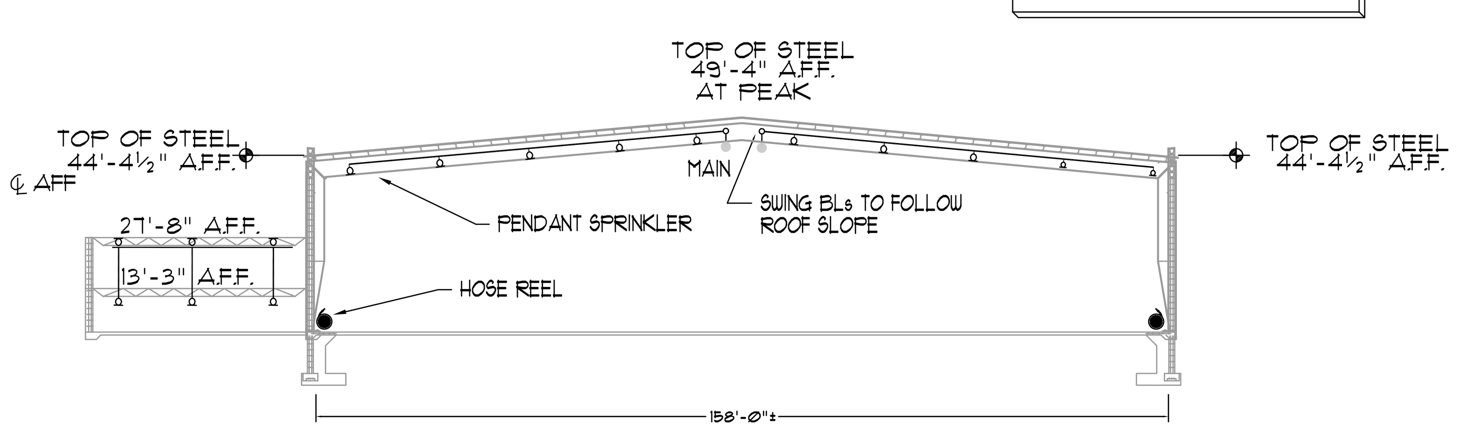
ALL SPRINKLER HEADS TO BE CENTER OF TILE

FIRE PROTECTION SYSTEM PER NFPA-13 (1994), NFPA-15 (1993), NFPA-16 (1991), NFPA-20 (1993), NFPA-409 (1990) STANDARDS

INDICATES HYDRAULIC REFERENCE POINT

A.T.R. : ALL THREAD ROD T.B.C. : TOP BEAM CLAMP
C-C : CENTER-CENTER G : GROOVED T : THREADED
ALL DIMENSIONS SHOWN ARE CENTER TO CENTER U.N.O.
BUILDING CONSTRUCTION IS NONCOMBUSTIBLE BEAM AND PURLIN
ALL ELECTRICAL WIRING TO BE DONE BY OTHERS
FOR UNDERGROUND PIPING SEE DWG 1FP OF 4
FOR OFFICE PIPING AND DETAILS SEE DWG 3FP OF 4
FOR FIRE PUMP ROOM AND EQUIPMENT SEE DWG 4FP OF 4





BUILDING CROSS SECTION
SCALE: N.T.S.

NO.	DATE	REVISIONS	BY

WATER SUPPLY INFORMATION			
STATIC PRESSURE	78	FIRE PUMP	4000 GPM @ 100 PSI
RESIDUAL PRESSURE	55	SIZE GPM @ PSI	
PITOT READING	3820	TYPE OF DRIVER	
FLOW IN G.P.M.		ELECTRICAL REQS	
DATE OF TEST	11/14/95		
TIME OF TEST			
TEST TAKEN BY	O.W.C. and WAFS		
HYDRANT LOCATION	CITY CONN		

DESIGN CRITERIA	
SYSTEM NO.	1 & 2
DESIGN AREA	ENTIRE AREA + COLS.
DENSITY	.16 (ROOF) / .25 (COLS.)
DESIGN AREA S.F.	95.8 (ROOF) / COLS VARY
PSI REQ'D @ BASR	62.95
GPM REQ'D @ BASR	5290.93
NO. SPKR. IN DSGN. AREA	254 (ROOF) + 84 (COLS)
ELEV. @ HIGHEST SPKR	47'±
INSIDE HOSE	120
OUTSIDE HOSE	500

SPRINKLERS SPACING			
SYMBOL	MAXIMUM	MINIMUM	COMMENTS

SPRINKLERS					
SYMBOL	QUANTITY	SIZE	K	TEMP	MODEL
◎	254	1/2"	5.5	N.A.	VIKING MODEL "M" PENDANT
▶	84	3/8"	2.8	N.A.	VIKING MODEL "M" NOZZLE
⊠	10	1/2"	5.6	212°	CENTRAL MODEL "A" BRASS UPRIGHT
	348	TOTAL THIS SHEET			

PROJECT: Hanger
Hanger Roof and Column Piping

CONTRACT WITH:

SYSTEM NO.	1 & 2	DATE:	
DRAWN BY:	DAW	SCALE:	1/8" = 1'-0"
CHECKED BY:		AHJ:	
LISTED BY:		SHEET NO.	2FP OF 4
CONTRACT NO.			