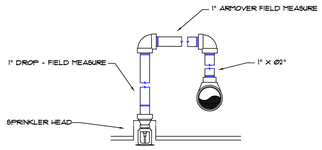
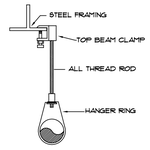
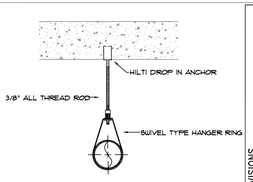


ARMOVER /DROP DETAIL
N.T.S.



HANGER #1
N.T.S.



HANGER #2
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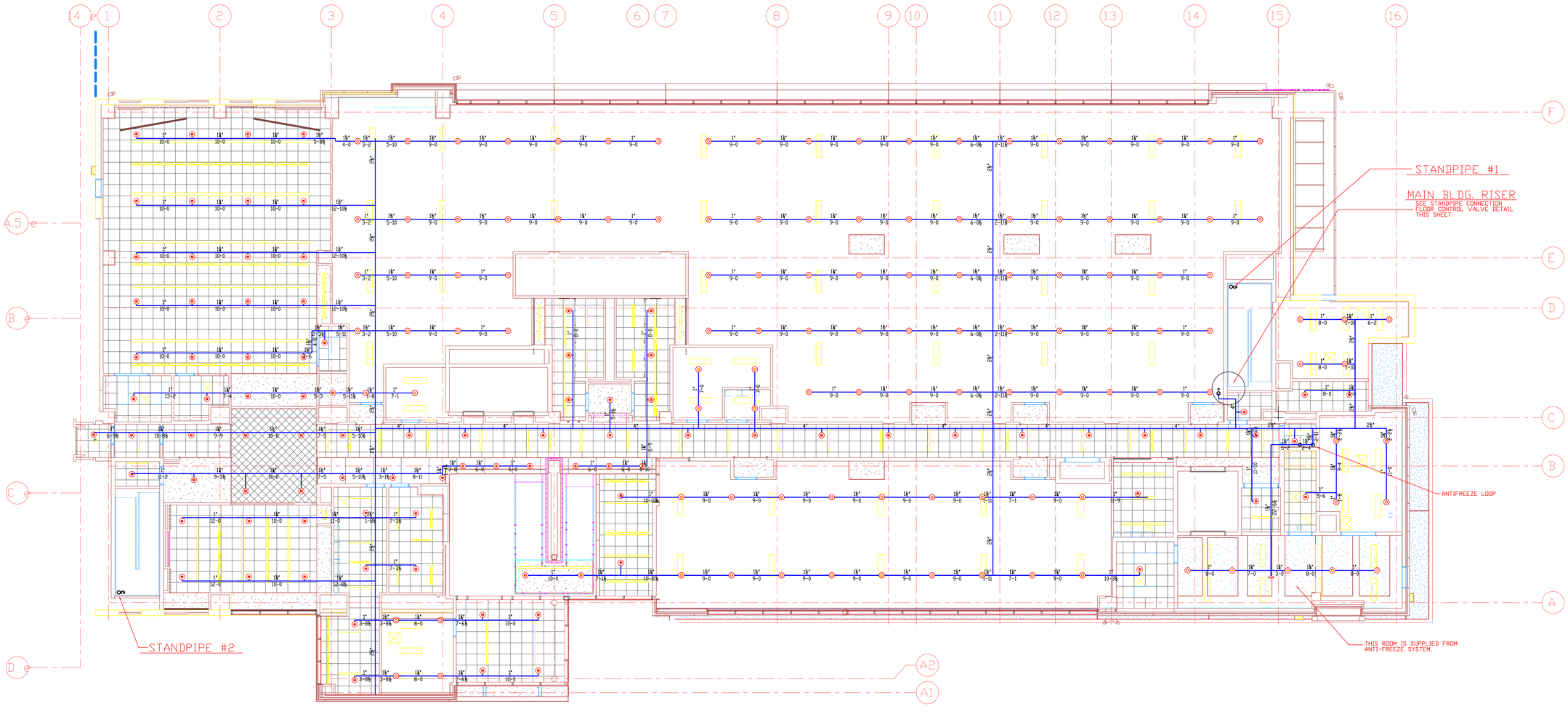

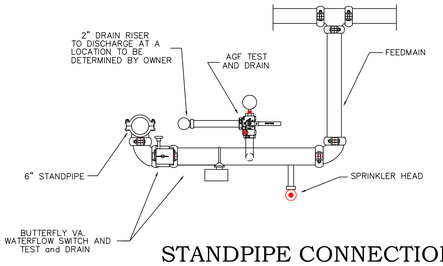

STANDPIPE CONNECTION
FLOOR CONTROL VALVE DETAIL
N.T.S.

N

FIRST FLOOR FIRE PROTECTION PLAN

Scale: 1/8" = 1'-0"

1. ALL SPRINKLER CROSSMAINS AND BRANCHLINES ON THE FIRST FLOOR ARE AT 10'-8" U.N.O.
2. ALL UPRIGHT SPRINKLERS (◎) ARE INSTALLED ON 1" SPRIGS.

GENERAL NOTES

1. The Sprinkler System is designed in accordance with the requirements of NFPA-13, and local authority having jurisdiction.
2. All material shall be UL or FM Listed .
3. Threaded pipe to be black steel Schedule 40. Grooved pipe to be black Sch.40, with welded outlets and grooved fittings.
4. All work to be tested at 200 PSI for 2 Hours.
5. Hangers to be per Details on drawings and per NFPA #13. Hangers to be spaced in accordance with NFPA-13 requirements.
6. Sprinkler Heads to be per NFPA #13 and as shown on legend.
7. All construction is of non-combustible materials. Floors are concrete with concrete and steel support members.
8. Welded pipe to be in accordance with the latest edition of NFPA #13.
9. The owner is responsible for maintaining the proper operating condition of his system(s) and devices.
10. All electrical control and/or alarm system wiring to be provided & installed by others.
11. Heat shall be provided by others to prevent water filled pipe from freezing.
12. All underground shall be By-Others.

REVISIONS

SPRINKLER LEGEND & SCHEDULE

SYMBOL	PART NO./QNA	MFG.	MODEL	TYPE	ORIFICE	K-FACTOR	SPRINKLER COVERAGE	TEMP	HEAD FINISH	SPRINKLER WRENCH	QUANTITY
◎	TY3531	TYCO	TY-FRB	CONC.	1/2"	5.6	STANDARD	155	BRASS-WHITE		194
◎	TY3533	TYCO	TY-FRB	CONCEALED	1/2"	5.6	STANDARD	155	BRASS-WHITE		135
▼	TY3331	TYCO	TY-FRB	UPRIGHT	1/2"	5.6	STANDARD	155	CHROME		0

2,4 HEAD CART & WRENCH(ES) PROVIDED

TOTAL COUNT THIS SHEET = 313

HYDRAULIC DESIGN DATA

Hazard Class.	ORDINARY HAZARD
System Area	
Sprinkler Type	WET
Water Supply	– Static. 59 PSI
	– Resid. 56 PSI
	– Flow 1050 GPM
Calculated Density	.20
Remote Area Size	1500 SQFT
Coverage Per Head	VARIES
Demand	SEE CALCS.
@ Denotes Reference Points	

REBEL FIRE PROTECTION, INC.
6730 WEST HORSESHOE ROAD
MORGANTOWN, IN. 46160

PROJECT : IU NEUROSCIENCES RESEARCH BUILDING
LOCATION : INDIANAPOLIS, INDIANA
PROJECT WITH : SULLIVAN AND POORE, INC.

SBC NO.
SCALE : AS NOTED
DATE : 1-13-13
DESIGNED BY : PGE
CHECKED BY : JS
CONTRACT NO. :
SHEET NO. FP3 of FP8