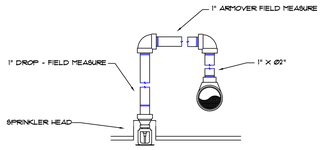
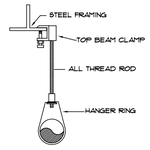
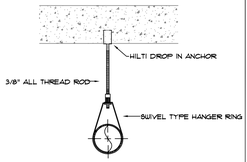


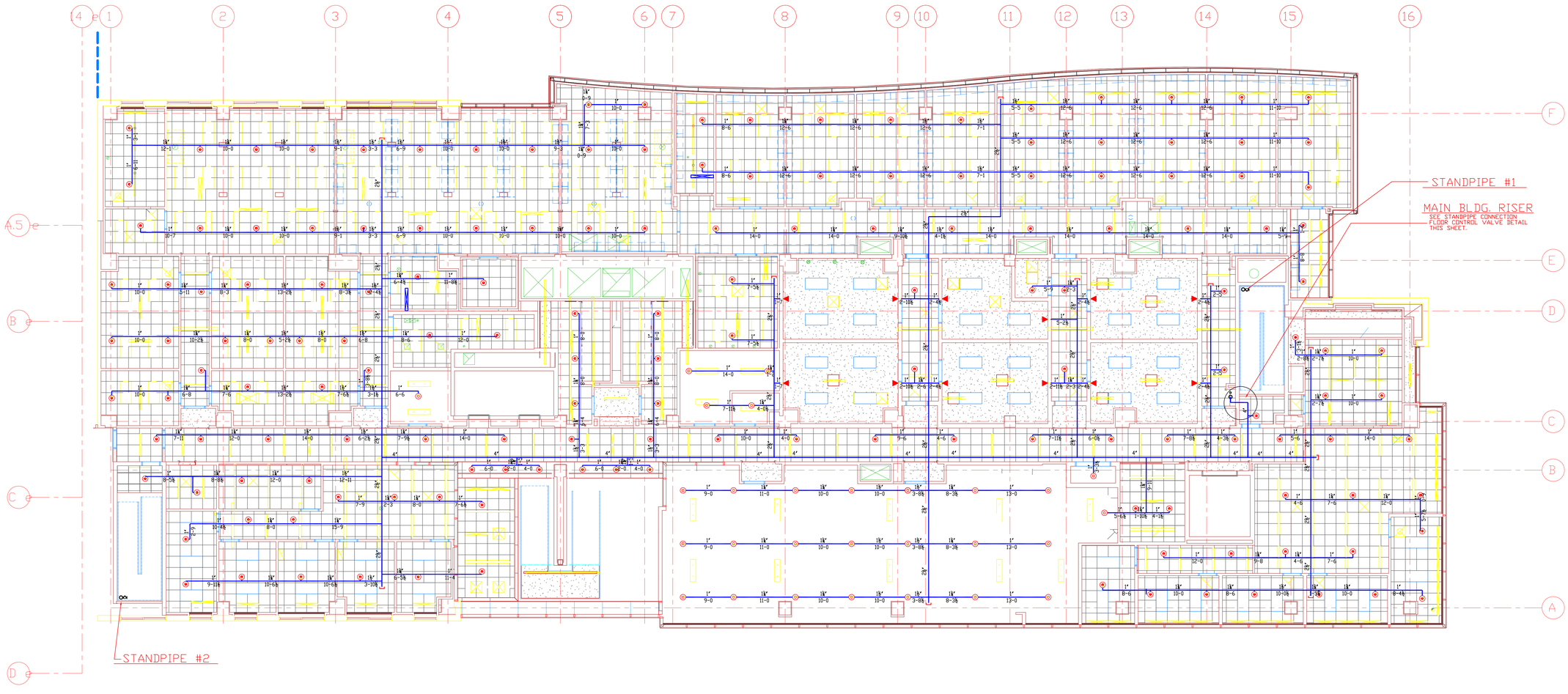
ARMOVER /DROP DETAIL
N.T.S.

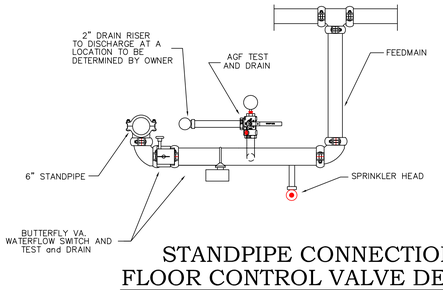


HANGER #1
N.T.S.



HANGER #2
N.T.S.





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

3RD and 4TH FLOORS FIRE PROTECTION PLAN

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

1. ALL SPRINKLER CROSSMAINS AND BRANCHLINES ON THE 3RD AND 4TH FLOORS ARE AT 10'-8" U.N.D.
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./DIM	MFG.	MODEL	TYPE	ORIFICE	K-FACTOR	SPRINKLER COVERAGE	TEMP	HEAD FINISH	SPRINKLER WRENCH	QUANTITY
◎	TY5331	TYCO	TY-FRB	CONC.	1/2"	5.6	STANDARD	155	BRASS-WHITE		160
◎	TY5331	TYCO	TY-FRB	UPRIGHT	1/2"	5.6	STANDARD	155	CHROME		78
▼	TY5331	TYCO	TY-FRB	HSW	1/2"	5.6	STANDARD	155	CHROME		12

TOTAL COUNT THIS SHEET = 200

HYDRAULIC DESIGN DATA

Hazard Class.	ORDINARY HAZARD
System Area Operation	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.
	@ Sprinkler Reference Points

7.4 HEAD CART & WRENCH(ES) PROVIDED

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. FP5 of FP8