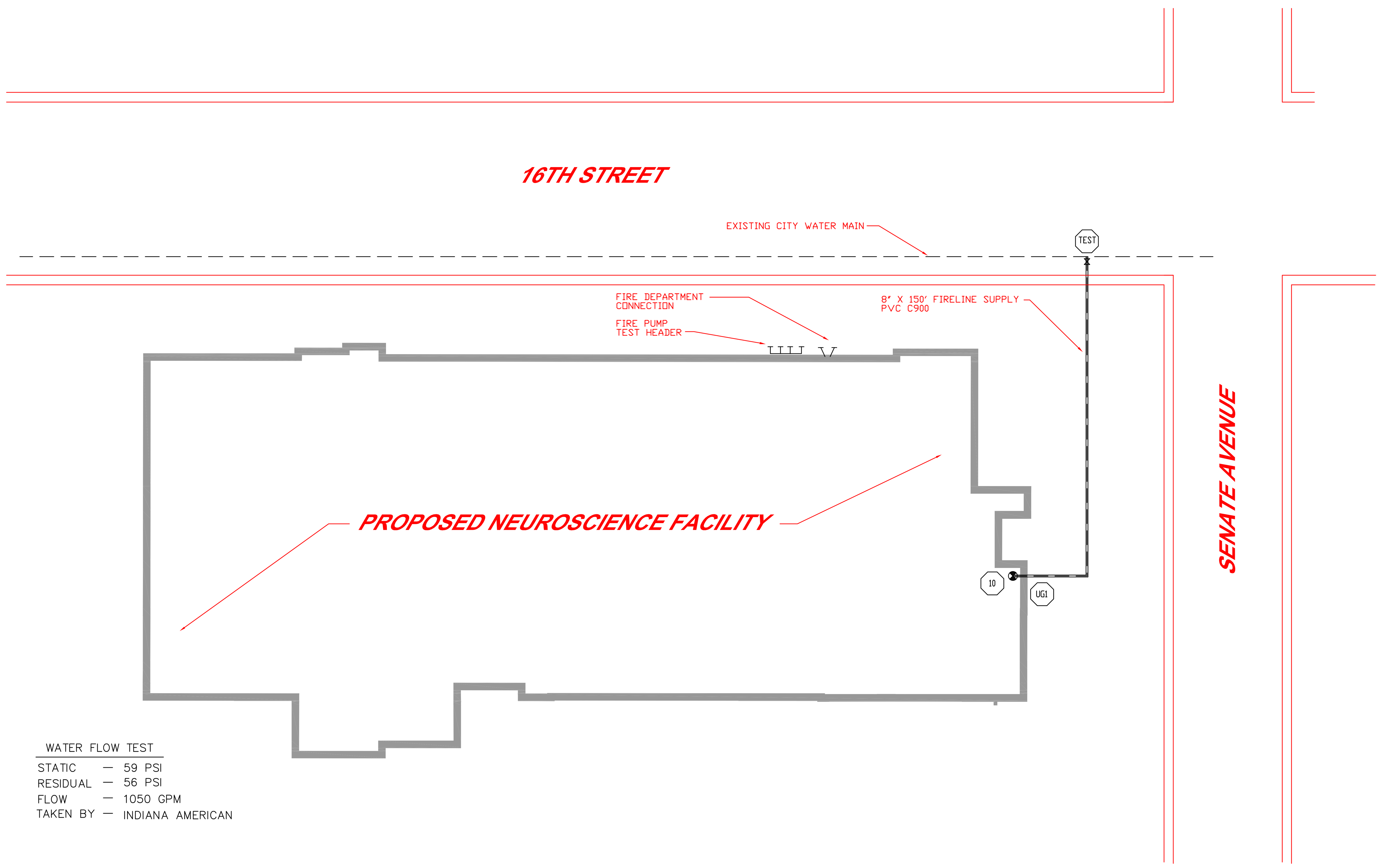


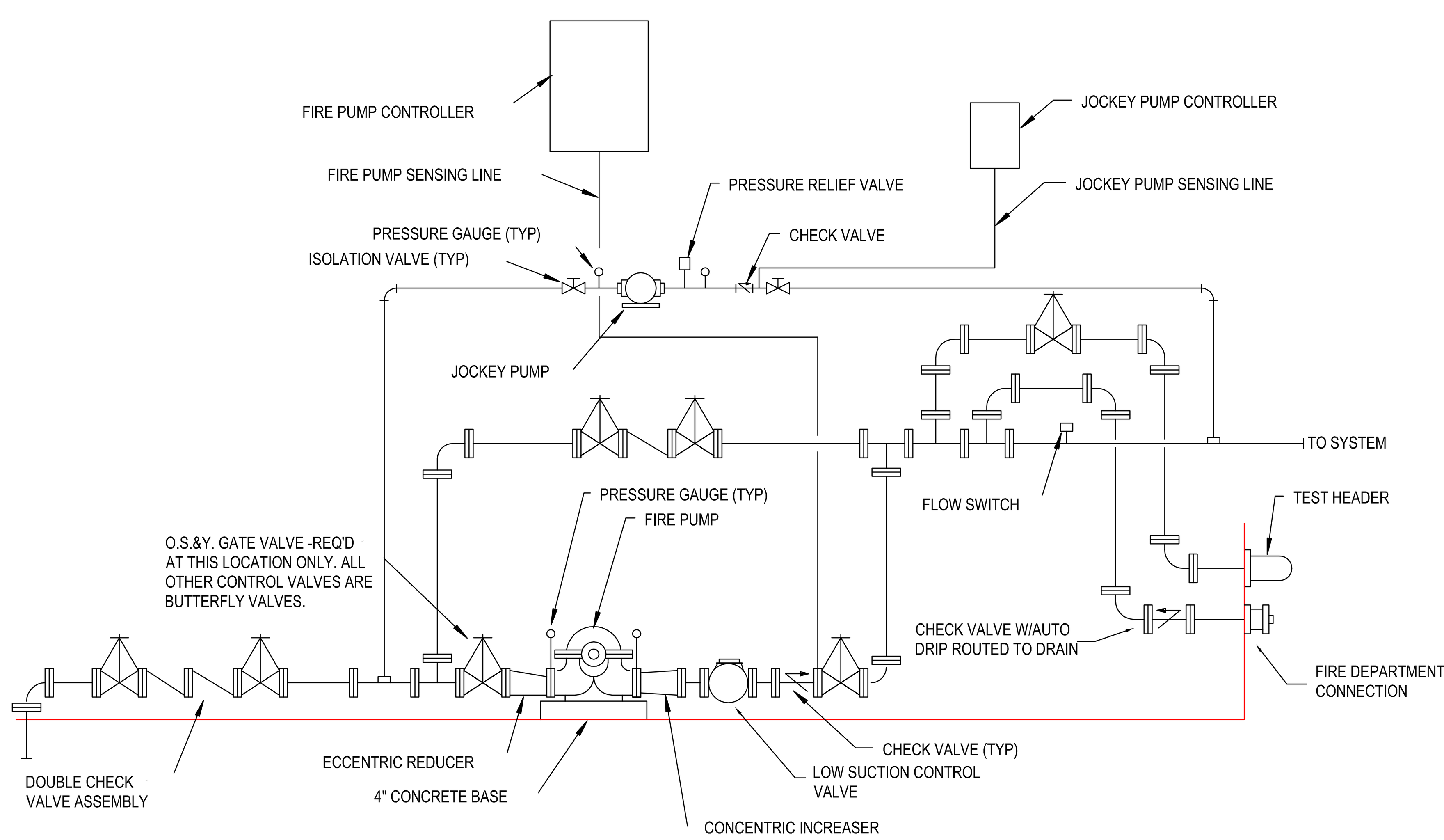
WATER FLOW TEST

STATIC	—	59 PSI
RESIDUAL	—	56 PSI
FLOW	—	1050 GPM
TAKEN BY	—	INDIANA AMERICAN

FIRE PROTECTION SITE PLAN

Scale: NTS

1. ALL UNDERGROUND PIPING, VALVING AND EQUIPMENT IS BY-OTHERS - NOT PROVIDED OR INSTALLED UNDER THIS CONTRACT.



FIRE PUMP INFORMATION

ELECTRIC PUMP - 1000 GPM AT 115 PSI RATING
WITH POWER TRANSFER SWITCH - CONTROLLER
JOCKEY PUMP AND ALL NECESSARY DEVICES.

FIRE PUMP - DIAGRAM

Scale: NTS

1. ALL PIPING AND VALVING SHALL BE SIZED IN ACCORDANCE WITH THE APPROPRIATE NFPA STANDARDS AND BY HYDRAULIC CALCULATIONS.
2. SEE FP2 - BASEMENT FIRE PROTECTION PLAN FOR ALL PIPE EXITING THE FIRE PUMP.

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./SIN	MFG.	MODEL	TYPE	ORIFICE	K-FACTOR	SPRINKLER COVERAGE	TEMP.	HEAD FINISH	SPRINKLER WRENCH	QUANTITY

24 HEAD CAB'T & WRENCH(ES) PROVIDED — TOTAL COUNT THIS SHEET =

HYDRAULIC DESIGN DATA

Hazard Class.	ORDINARY HAZARD
System 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.
FP1 of FP8