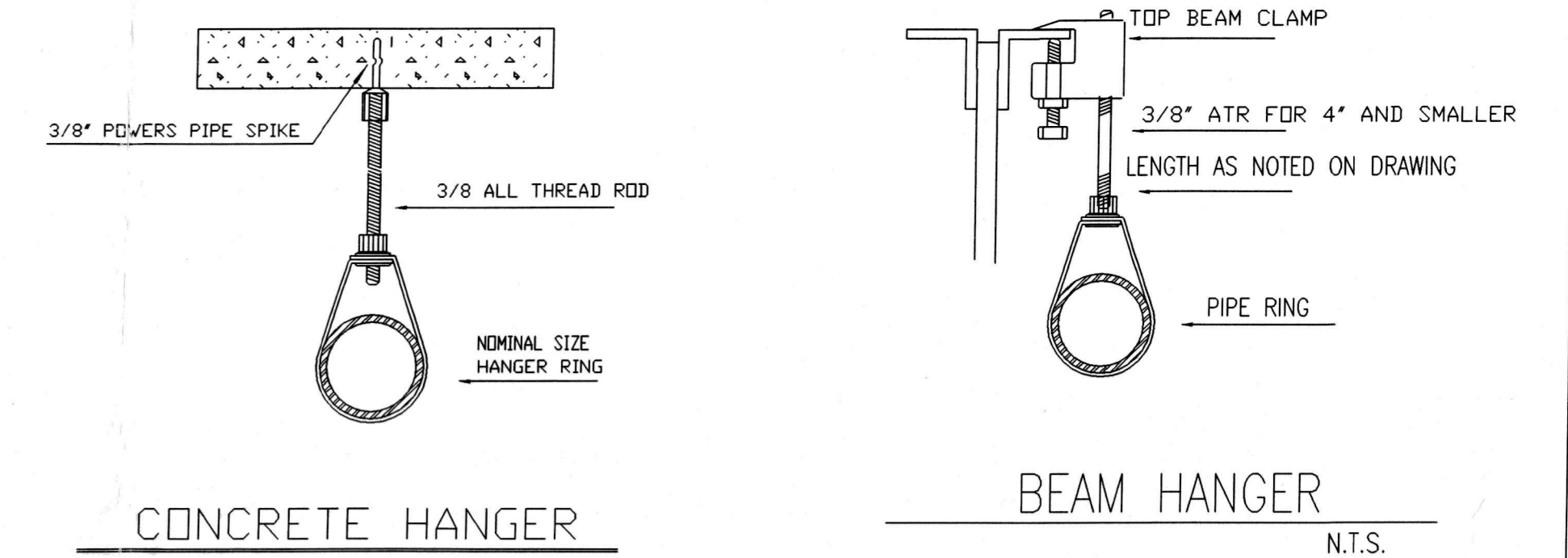


FLOW TEST  
 STATIC: 75 PSI  
 RESIDUAL: 55 PSI  
 FLOW: 1060 GPM  
 DATE: NOVEMBER 2011  
 BY: CITY

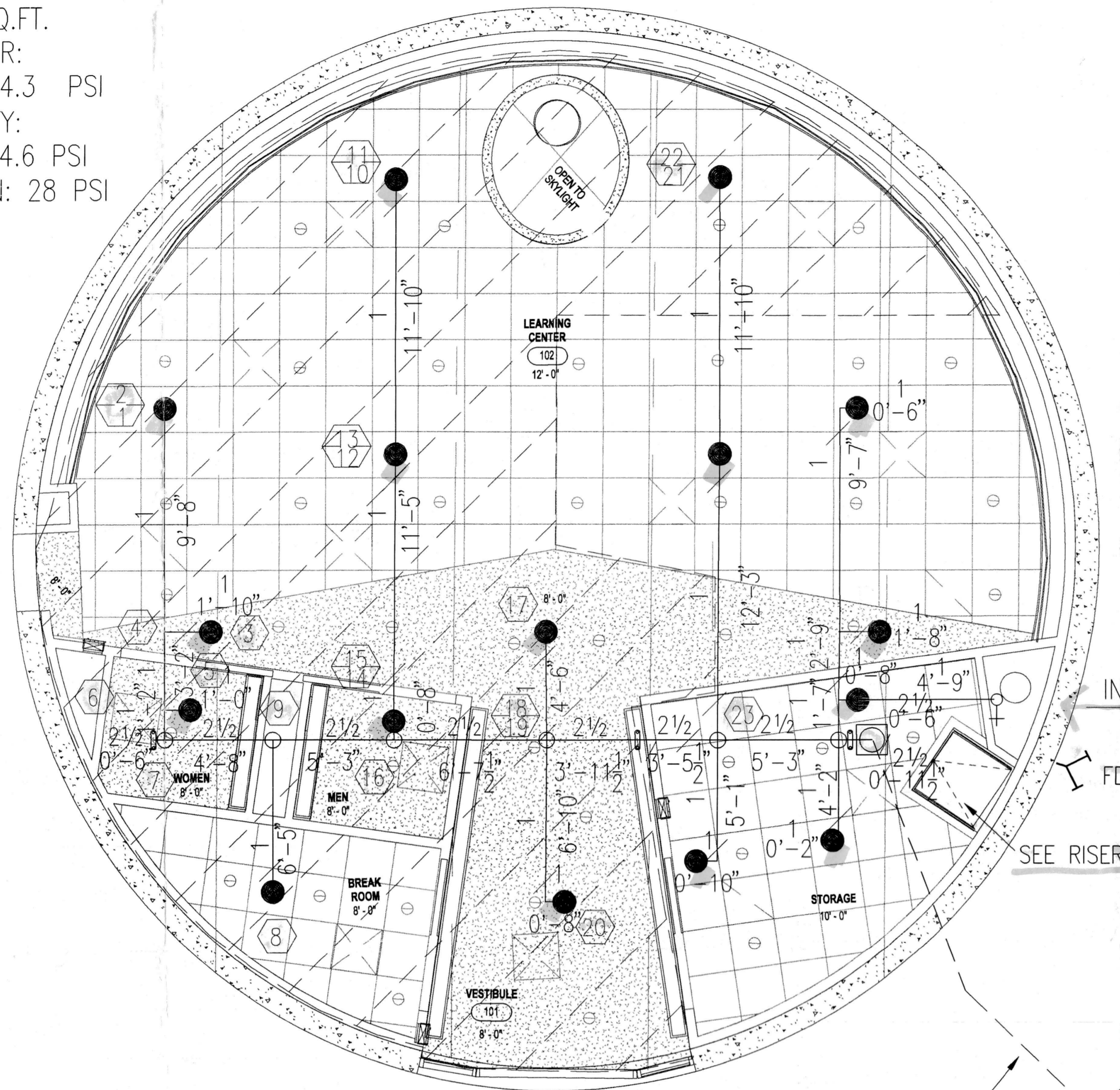
ARAPHAO  
 12" WATER LINE

HYDRAULIC AREA  
 DENSITY: .10 GPM  
 AREA: 1020 SQ.FT.  
 DEMAND @ BOR:  
 221 GPM @ 44.3 PSI  
 DEMAND @ CITY:  
 321 GPM @ 44.6 PSI  
 SAFETY MARGIN: 28 PSI



GENERAL NOTES

1. FIRE-TECH'S WORK CONSIST OF ALL NECESSARY LABOR AND MATERIAL REQUIRED TO INSTALL THE AUTOMATIC FIRE SPRINKLER SYSTEM FOR THE BELOW REFERENCED FACILITY
2. FIRE-TECH EXCLUDES ALL PAINTING, ELECTRICAL WORK, AND CEILING WORK.
3. ALL DESIGN AND INSTALLATION SHALL CONFORM TO NFPA 13, OWNER AND THE CITY OF ADDISON REQUIREMENTS.
4. ALL MATERIAL SHALL BE UL APPROVED FOR FIRE SERVICES.
5. ALL THREADED BRANCH LINE PIPING SHALL BE SCHEDULE 40 WITH DUCTILE IRON FITTINGS.
6. ALL MAINS SHALL BE SCHEDULE 40 PIPING WITH GROOVED FITTINGS. WE ALSO INTEND TO USE WELDED OUTLETS WHERE APPLICABLE. ALL WELDING WILL BE PERFORMED IN OUR FABRICATION SHOP BY CERTIFIED WELDERS. THE OWNER OR TENANT IS RESPONSIBLE FOR MAINTAINING ADEQUATE HEAT TO PREVENT THE SYSTEM FROM FREEZING. (MINIMUM 40 DEGREES F)
7. ALL HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13.
8. ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HOURS. THE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE ADDISON FIRE DEPARTMENT.
9. HYDRAULIC CALCULATIONS WERE PERFORMED IN ACCORDANCE TO NFPA 13 FOR LIGHT HAZARD OCCUPANCY.



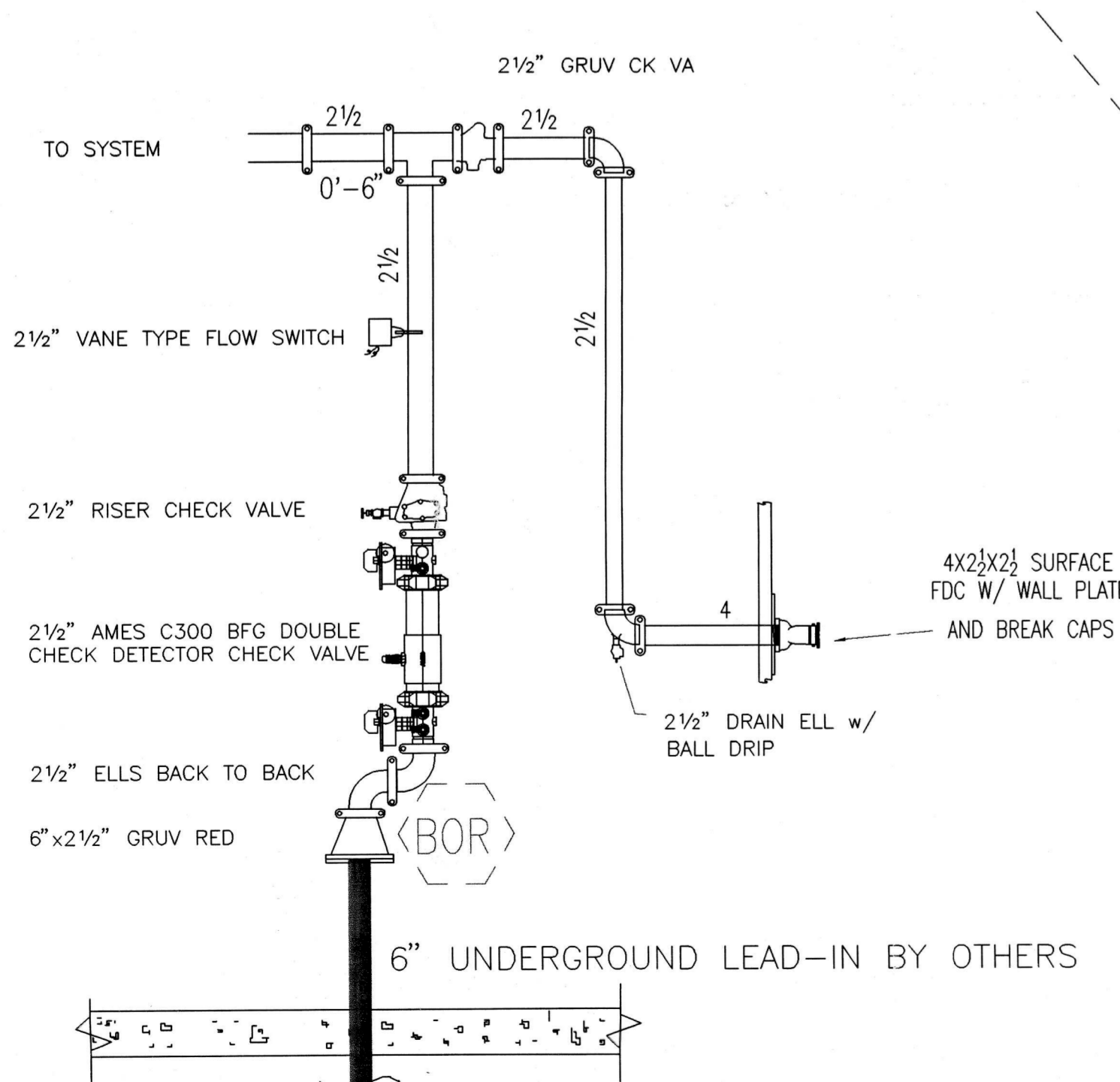
*Place HERE HERE SYSTEM Due to small system Also Since It is Limited Lines to Drill*

*- Use metal wall plate for FDC (No plastic).  
 - For Hydro Test, two gauges required remote of each other.*

*Addison!*

**FIRE DEPARTMENT**  
 Reviewed on: 3-7-12  
 Reviewer: [Signature]  
 Final approval is subject to completion of inspections and/or tests as required by the Fire Department.  
 972.450.7201

NEW FH BY OTHERS



RISER DETAIL

SPRINKLER PIPING PLAN

ALL SPRINKLERS TO BE CENTERED IN TILES

I HAVE REVIEWED THESE PLANS AND CERTIFY THAT THEY COMPLY WITH THE ADOPTED NFPA STANDARDS.  
 FIRE-TECH PROTECTION SYSTEMS  
 406 N. 5TH STREET  
 WILLS POINT, TEXAS 75169  
 (903) 873-4243  
 SCR-0625

Fire-Tech Protection Systems  
 P.O. Box 79  
 406 N. 5th Street  
 Wills Point, Texas 75169  
 OFFICE: (903) 873-4243  
 FAX: (903) 873-6680

SYMB	MAKE	MODEL	SING	FACTOR	TEMP	FINISH	CANOPY	QTY.
●	TYCO							16
TOTAL THIS SHEET:								16
TOTAL THIS JOB:								16

CONTRACT NAME: **ADDISON LEARNING CENTER**  
 4000 ARAPHAO ROAD  
 ADDISON, TEXAS 75001

SCALE: 1/4" = 1'-0"  
 DRAWN BY: M.P.  
 CHECKED BY: M.P.  
 DATE: 2-29-12  
 DWG. NO.: 1 OF 1