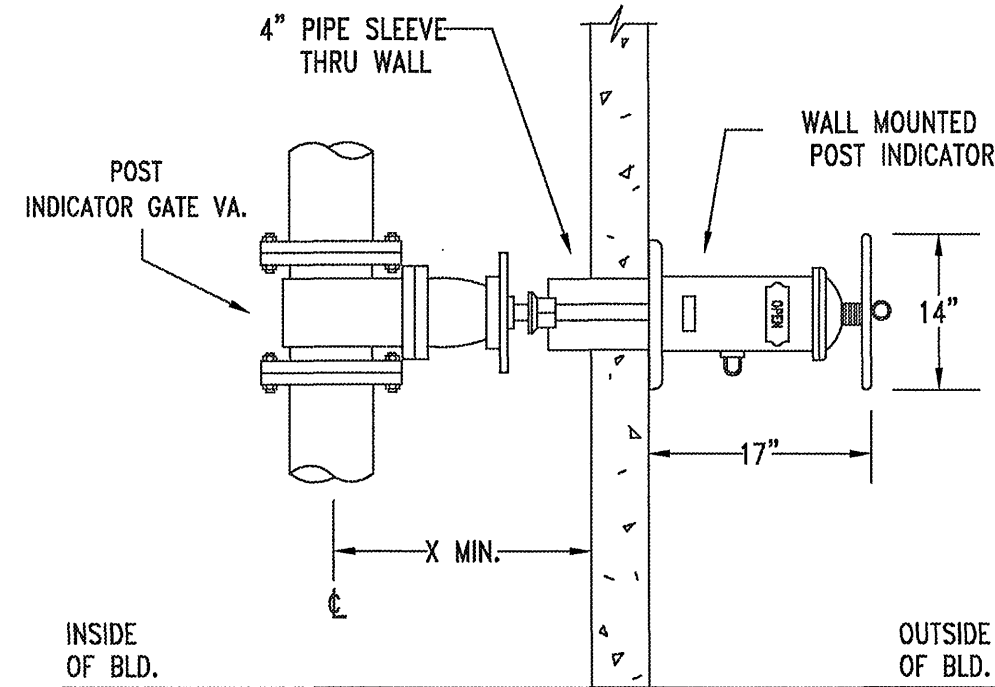
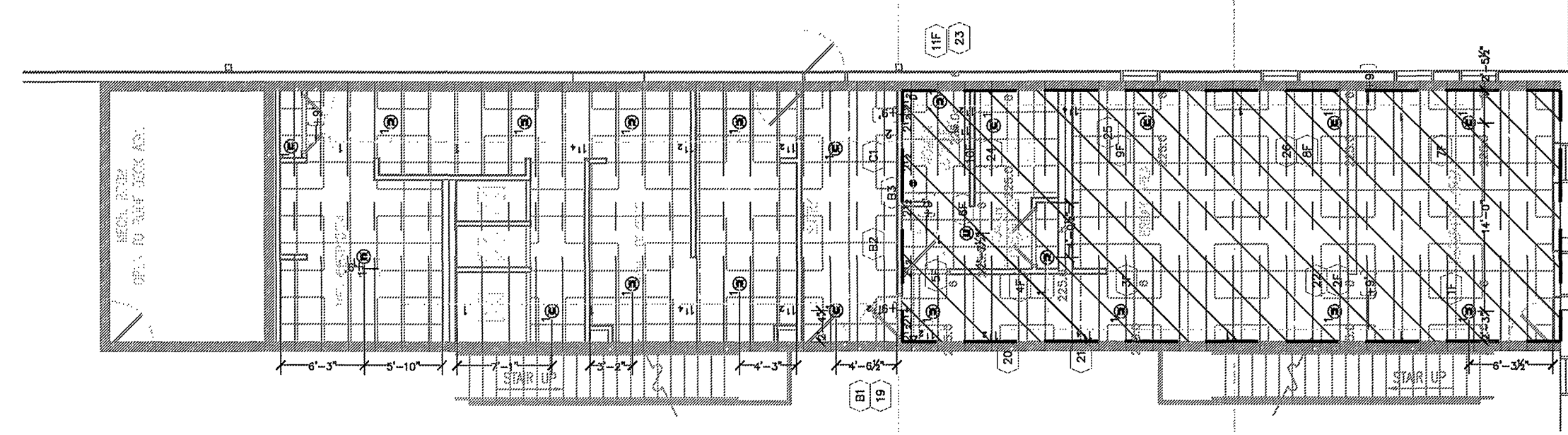


HYDRANT #10369
TEST HYDRANT
STATUS: 106 PSI
REMARKS: 30 PSI
TEST TAKEN BY: VVVA



TYP. WALL MOUNTED POST
INDICATOR VALVE DETAIL



FIRST FLOOR

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

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

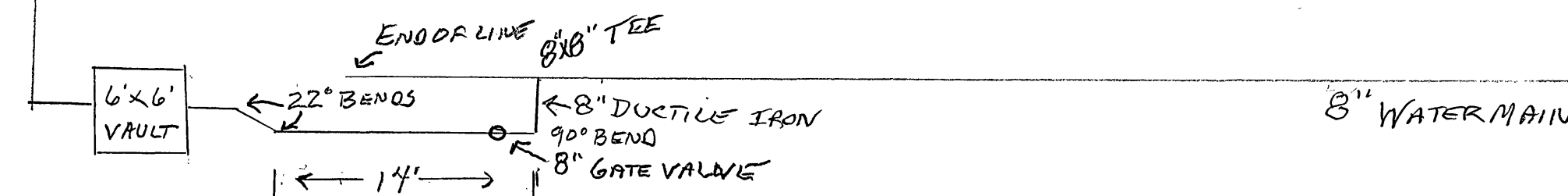
HYDRAULIC DESIGN DATA	
THIS WET PIPE SPRINKLER SYSTEM HAS BEEN HYDRAULICALLY DESIGNED TO MEET THE FOLLOWING CRITERIA:	
STANDARD:	NFPA #13, 2007 EDITION
HAZARD:	LIGHT HAZARD
REMOTE AREA#:	5
NO. OF SPRINKLERS:	14
DENSITY:	0.10 GPM/SQ.FT.
AREA OF APPLICATION:	916
COMBINED HOSE STREAMS:	100 GPM
TOTAL WATER REQUIRED (AT SOURCE):	339.0 GPM
WATER DEMAND SYSTEM @ BASE OF RISER:	339.1 GPM (NODE "W")
PRESSURE REQUIRED @ BASE OF RISER:	75.4 PSI (NODE "W")

NOTE: PER NFPA 13 8.5.5.3.1 SPRINKLERS SHALL BE INSTALLED UNDER FIXED OBSTRUCTIONS OVER 4 FT. WIDE SUCH AS DUCTS, DECKS, OPEN GRATE FLOORING, CUTTING TABLES AND OVERHEAD DOORS.

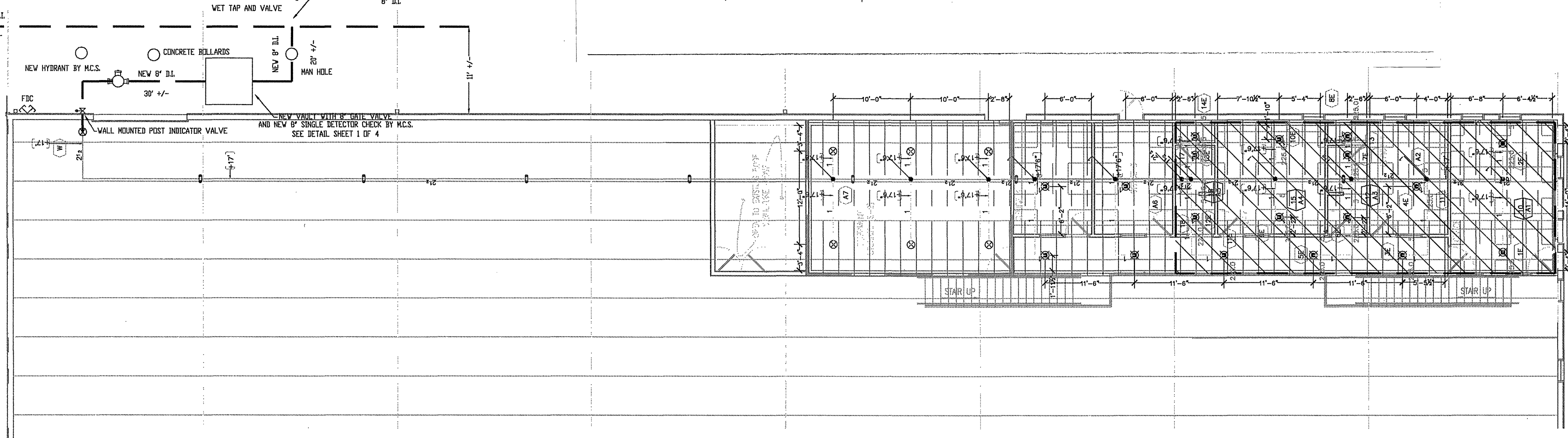
Chemsolv-1140 Industry Avenue

1/14/2013 As-Built

PRIVATE FIRE HYDRANT



HYDRANT #10370
FLOW HYDRANT
FLOW 1520 GPM

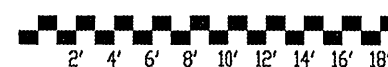
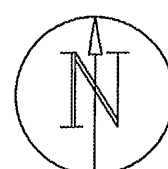


SECOND FLOOR

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

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

JOB NORTH

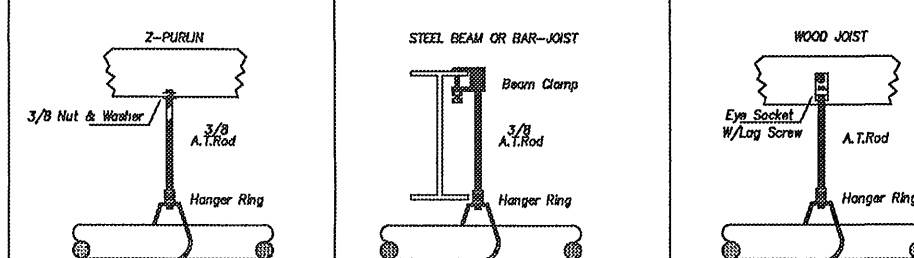


HEAD LEGEND									
QTY.	SYM.	MAKE	FINISH	TEMP*	K	NPT	MFG.	MDL	ESC
18	⊗	GR-SSP	CHROME	155°	5.60	1/2"	TYCO	TY3231	2 PC SEMI-RECESS
22	⊗	GR-SSP	CHROME	155°	5.60	1/2"	TYCO	TY3231	2 PC SEMI-RECESS
6	⊗	GR-SSU	BRASS	155°	5.60	1/2"	TYCO	TY3131	N/A
46	TOTAL THIS SHEET								
PROJECT TOTAL									394

GENERAL NOTES

1. ALL PIPE 4" AND SMALLER TO BE SCH. 10/40 BLACK STEEL W/ THREADED OR GROOVED FITTINGS.
2. ALL SPRINKLER SYSTEM MATERIALS TO BE U.L. LISTED AND/OR FACTORY MUTUAL APPROVED.
3. PIPE HANGERS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13.
4. IT IS THE RESPONSIBILITY OF THE OWNER TO PROVIDE AND MAINTAIN HEAT IN ALL AREAS OF SPRINKLER SYSTEM SUBJECT TO FREEZING.
5. PAINTING AND PATCHING BY OTHERS.
6. ELECTRICAL WIRING BY OTHERS.
7. SPRINKLER HEADS ARE NOT REQUIRED TO BE CENTERED IN CEILING TILES.

TYPICAL HANGER DETAILS



SYMBOL LEGEND

- | | | | |
|---|---|------|------------------------------------|
| ⊗ | SYSTEM RISER - SEE RISER DETAIL | (11) | HYDRAULIC NODE OR REFERENCE POINT |
| ⊗ | SYSTEM CONTROL VALVE | (11) | PIPE CAP |
| ⊗ | PIPE RISE OR DROP | (11) | SPRINKLER MAIN LINE PIPE TAG |
| ⊗ | NEW PIPE | (11) | SPRINKLER BRANCH LINE PIPE TAG |
| ⊗ | EXISTING PIPE | (11) | DDPC BACKFLOW PREVENTER |
| ⊗ | PIPE HANGER | (11) | W/ TAMPER SWITCHES |
| ⊗ | GROOVED COUPLING | (11) | FIRE DEPARTMENT CONNECTION |
| ⊗ | PIPE CENTERLINE ABOVE FINISHED FLOOR | (11) | ACTUAL CUT LENGTH OF PIPE |
| ⊗ | DISTANCE BELOW DECK IN INCHES TO CENTERLINE OF PIPE | (11) | 7'-0" DIMENSION FROM STEEL OR WALL |

REVISIONS

DATE	DESCRIPTION	BY

Magic City Sprinkler, Inc.

1601 GRANDY STREET N.E. ROANOKE, VIRGINIA 24012 (540)345-9818
CHEMSOLV
1140 INDUSTRY AVENUE SE
ROANOKE, VA 24013

WET PIPE SYSTEM

Drawn by: Scott Stevens Permit # Insp. Tel. #
Checked by: D.H. File name: Job no. 6527-12
Scale: 1/8" = 1'-0" UNO Date: 9-12-12 Sheet 3 OF 4