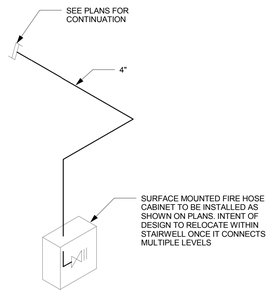
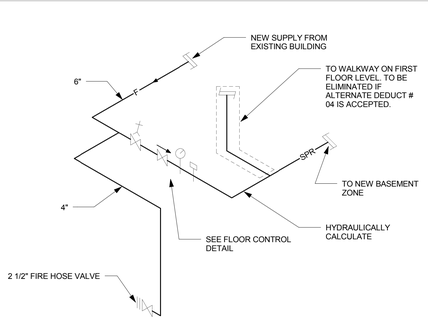


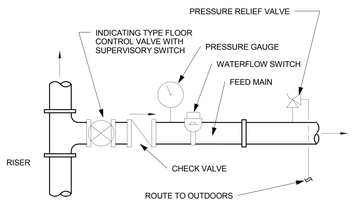
NORTHWEST (FUTURE) STAIRWELL SCHEMATIC

NOT TO SCALE



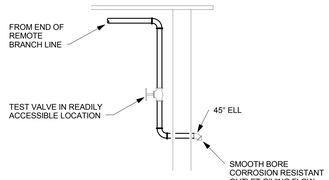
SOUTHWEST STAIRWELL FIRE ZONE SCHEMATIC

NOT TO SCALE



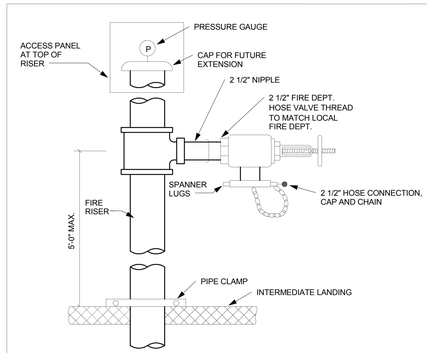
FLOOR CONTROL VALVE

NO SCALE



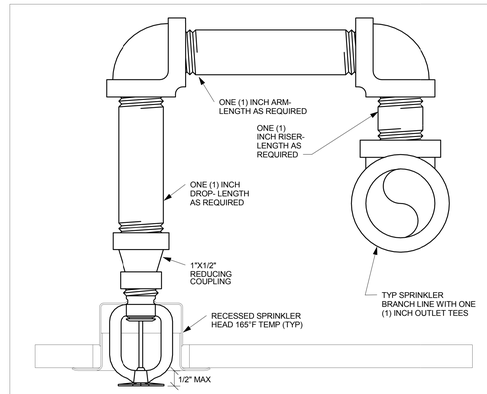
INSPECTOR TEST

NO SCALE



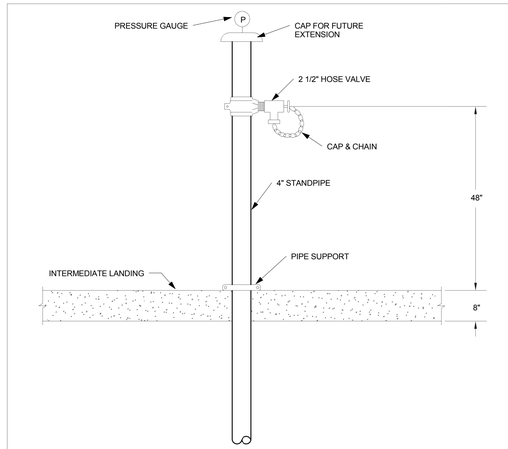
F.D. HOSE VALVE DETAIL

NO SCALE



RECESSED SPRINKLER HEAD

NO SCALE



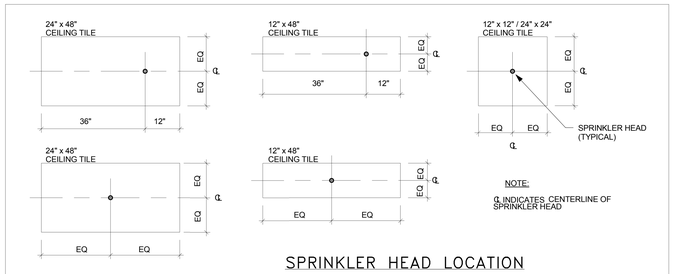
STANDPIPE VALVE DIAGRAM

NO SCALE

FIRE PROTECTION LEGEND/ABBREVIATIONS

NOT ALL SYMBOLS ARE USED FOR THIS PROJECT

	DIRECTION OF FLOW/SLOPE (EXISTING)
	DIRECTION OF FLOW/SLOPE
	BRANCH CONNECTION, BOTTOM
	BRANCH CONNECTION, TOP
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	UNION
	CHECK VALVE
	PIPING CAP
	O,S & Y GATE VALVE W/ TAMPER SWITCH (EXISTING)
	FLOW SWITCH (EXISTING)
	ELECTRONIC SUPERVISED INDICATING VALVE (EXISTING)
	SOLENOID VALVE (EXISTING)
	FIRE DEPARTMENT VALVE (FDV)
	O,S & Y GATE VALVE W/ TAMPER SWITCH (NEW)
	FLOW SWITCH (NEW)
	ELECTRONIC SUPERVISED INDICATING VALVE (NEW)
	SOLENOID VALVE (NEW)
	DOUBLE CHECK BACKFLOW PREVENTER
	FLUSH/FIRE DEPARTMENT SIAMESE CONNECTION
	SIAMESE FIRE DEPARTMENT CONNECTION
	DRIP CONNECTION
D	DRAIN / INSPECTOR'S TEST LINE
DRY	DRY PIPE LINE
F	FIRE MAIN (BULK)
SPR	SPRINKLER MAIN / BRANCH LINE
	EXISTING PIPING TO BE REMOVED
	MATCH LINE
EX	EXISTING COUNCEALED PENDANT SPRINKLER HEAD
EX	EXISTING SPRINKLER HEAD TO BE REMOVED
	PENDANT SPRINKLER HEAD
	RECESSED PENDANT SPRINKLER HEAD
	CONCEALED PENDANT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	SIDE WALL SPRINKLER HEAD
	CONCEALED SIDE WALL SPRINKLER HEAD
	CONNECTION TO EXISTING
DRAWING NUMBER / DETAIL NUMBER (1 / P5.1)	INDICATES DETAIL NUMBER
F 1	INDICATES FIRE RISER
1	KEYED NOTE
1	REVISION NOTE
AC	AIR COMPRESSOR
AFF	ABOVE FINISHED FLOOR
DCV	DOUBLE CHECK VALVE
DN	DOWN
DPV	DRY PIPE VALVE
DSP	DRY STANDPIPE PIPING
DSPR	DRY SPRINKLER PIPING
DSV	DRY STANDPIPE VALVE
EX OR EXIST	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FDV	FIRE DEPARTMENT VALVE
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISHED FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FP	FIRE PUMP
IE OR INV. ELEV.	INVERT ELEVATION
JP	JOCKEY PUMP
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
RI	ROUGH-IN



SPRINKLER HEAD LOCATION

NO SCALE

GENERAL NOTES:

1. THE CONTRACTOR SHALL CUT AND PATCH ALL OPENINGS IN FLOORS AND WALLS FOR THE REMOVAL AND INSTALLATION OF NEW SANITARY WASTE, VENT, HOT WATER, AND COLD WATER PIPING. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING CONDITIONS.
2. THE CONTRACTOR SHALL INSULATE ALL HOT WATER, COLD WATER, AND HOT WATER RETURN PIPING AS REQUIRED. THE CONTRACTOR SHOULD REPAIR ANY EXISTING INSULATION THAT IS DAMAGED DURING CONSTRUCTION. THERE SHALL BE A TIGHT VAPOR BARRIER SEAL BETWEEN THE EXISTING AND NEW INSULATION.
3. THE CONTRACTOR SHALL FLUSH AND CLEAN THE BUILDING DOMESTIC WATER SYSTEM UPON COMPLETION AND FINAL INSPECTION OF HIS WORK.
4. THE CONTRACTOR SHALL FURNISH FULLY COORDINATE HIS PIPING AND EQUIPMENT INSTALLATION WITH ALL OTHER TRADES.
5. THE CONTRACTOR SHALL PERFORM A FLOW TEST PRIOR TO THE DESIGN AND SUBMITTAL OF HYDRAULIC CALCULATED SYSTEM.
6. THE CONTRACTOR SHALL SUBMIT ALL DRAWINGS AND CALCULATIONS TO THE FIRE DEPARTMENT, GOVERNING AGENCIES, AND INSURING AGENCY AND RECEIVE APPROVAL PRIOR TO SUBMITTING OF DESIGN SHOP DRAWINGS.
7. THE CONTRACTOR SHALL FURNISH DRAIN VALVE AND INSPECTOR'S TEST CONNECTIONS AS REQUIRED BY NFPA 13 REQUIREMENTS.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT PER OWNER'S STANDARDS FOR CONSTRUCTION.

DESIGN BUILD NOTE:

THE FIRE PROTECTION BID IS A DESIGN/BUILD CONTRACT. THE CONTRACTOR SHALL INCLUDE IN HIS BID A FULLY CONDE COMPLIANT AND COORDINATED SPRINKLER SYSTEM. HEAD LOCATIONS ARE SHOWN TO ESTABLISH TYPE, QUANTITY, AND DESIRED LOCATION. EXACT QUANTITY OF HEADS IS CONTRACTOR'S RESPONSIBILITY. PROJECT SHALL BE DESIGNED AND CONSTRUCTED PER NFPA 13 AND THE UNIVERSITY OF INDIANA REQUIREMENTS.

THE CONTRACTOR IS RESPONSIBLE FOR SUMBITTAL TO ALL GOVERNING AGENCIES AND INSUREING AGENCIES. THE CONTRACTOR SHALL VERIFY WITH THE OWNER IF A SUBMITTAL TO FACTORY MUTUAL IS REQUIRED.

DESIGN REQUIREMENTS SHALL MEET THE MINIMUM NFPA 13 DESIGN FOR:

LIGHT HAZARD OF 0.10 GPM/SQ.FT. FOR THE HYDRAULIC REMOTE AREA OF 1500 SQ.FT.

ORDINARY HAZARD, GROUP 1 AND AREAS WITH EXPOSED COMBUSTIBLE CONSTRUCTION, THE DESIGN REQUIREMENT SHALL BE A MINIMUM OF 0.15 GPM/SQ.FT. FOR THE HYDRAULIC REMOTE AREA OF 1500 SQ.FT.

ORDINARY HAZARD, GROUP 2 AND AREAS WITH EXPOSED COMBUSTIBLE CONSTRUCTION, THE DESIGN REQUIREMENT SHALL BE A MINIMUM OF 0.2 GPM/SQ.FT. FOR THE HYDRAULIC REMOTE AREA OF 1500 SQ.FT.

100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date

VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE
2121 Lake Ave. Fort Wayne, IN 46805

ARCHITECT/ENGINEERS:

AMERICAN STRUCTUREPOINT INC.
7260 SHADELAND STATION
INDIANAPOLIS, IN 46256-3957
TEL 317.547.5580 FAX 317.543.0270
www.structurepoint.com

Ross&Baruzzini
8250 Haverstick Road
Suite 285
Indianapolis, IN 46240
317.638.8383

CONSULTANTS:

JEFFREY R. CRAWFORD REGISTERED PE 10401934 STATE OF INDIANA PROFESSIONAL ENGINEER
08/15/14

Drawing Title: SYMBOLS AND ABBREVIATIONS

Approved: Project Director

Project Title: SPS BASEMENT ADDITION
VA PROJECT # 610A4-12-400

Location: 2121 Lake Ave. Fort Wayne, IN 46805

Date: 08/15/2014 | Checked: JDB | Drawn: BLB

Project Number: 2010.00629.0005

Building Number: 01

Drawing Number: FA-000

Office of Construction and Facilities Management
VA Department of Veterans Affairs

C:\Users\bbrooks\Documents\1724-03_Plumbing Central_bbrooks.rvt
8/13/2014 11:24:59 AM

VA FORM 08-6231