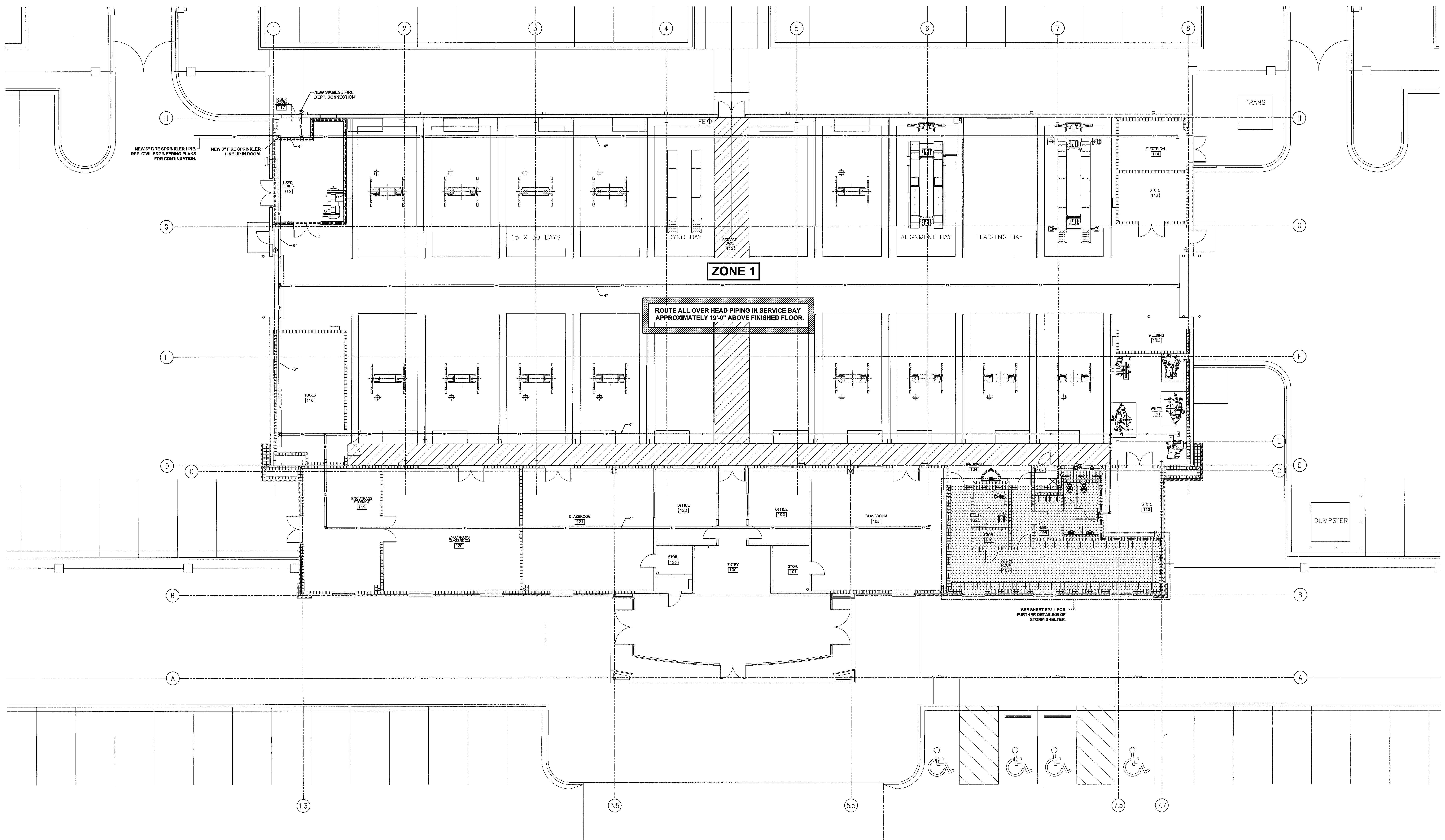


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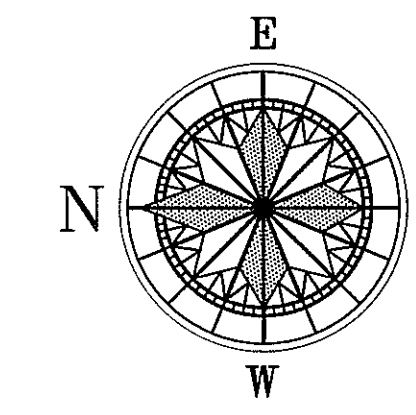
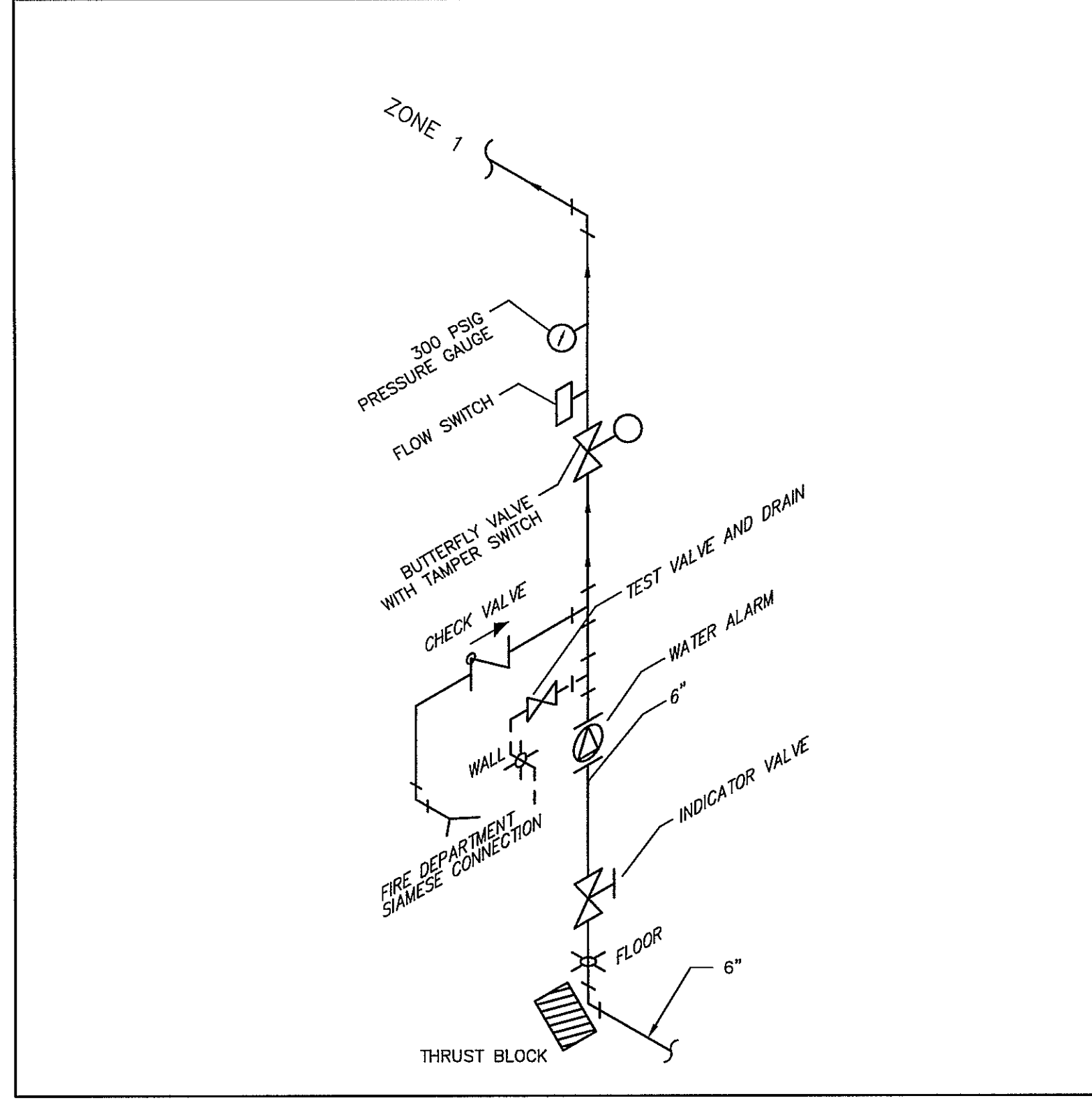
JOB NO. 16-92B  
 SHEET NO:  
**SP1.1**  
 1 OF 2  
 SEQUENCE NO:  
 51 / 74  
 0 1" 2"



ROUTE ALL OVER HEAD PIPING IN SERVICE BAY APPROXIMATELY 15'-0" ABOVE FINISHED FLOOR.

SEE SHEET SP2.1 FOR FURTHER DETAILING OF STORM SHELTER.

**FIRE SERVICE RISER DIAGRAM**



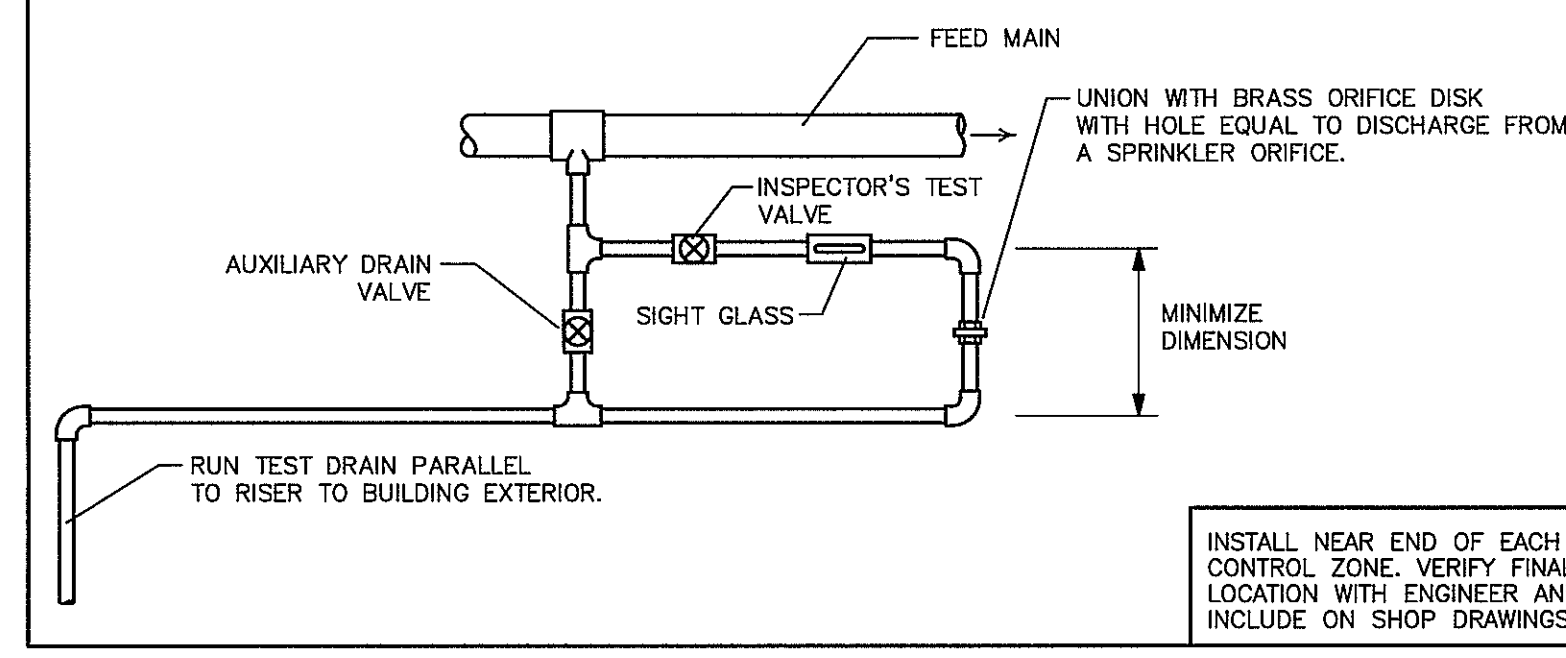
**FIRE SPRINKLER PLUMBING PLAN**

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

**FIRE SPRINKLER SYSTEM NOTES**

- THE FIRE PROTECTION SYSTEM IS SHOWN IN SCHEMATIC FORM ONLY. THE SUCCESSFUL FIRE PROTECTION VENDOR SHALL LOCATE AND SIZE ALL SPRINKLER HEADS, FIRE DEPARTMENT CONNECTIONS, STANDPIPE SYSTEMS, PIPING, ETC. IN COMPLETE ACCORDANCE WITH NFPA 13 AND THE 2015 INTERNATIONAL BUILDING CODE AND LOCAL REQUIREMENTS.
- SYSTEM DESIGN TO BE IN ACCORDANCE WITH WRITTEN SPECIFICATIONS. ALL HYDRAULIC CALCULATIONS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL.
- ALL PIPING SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID PLUMBING AND HVAC INSTALLATIONS. FAILURE TO COORDINATE WORK WILL RESULT IN REWORK AT CONTRACTOR'S EXPENSE. MAINTAIN MINIMUM STAIR WELL CLEARANCE.
- INSTALL ALL ABOVE CEILING PIPING BELOW DUCT.
- INSTALL ALL EXPOSED PIPING AS HIGH AS POSSIBLE.
- ROUTE ALL EXPOSED PIPING IN CHASES WHERE POSSIBLE.
- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, HVAC AND ELECTRICAL TRADES, PLUMBING. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TRIM TO COLUMN OR WALLS AS POSSIBLE.
- ALL PIPING SHALL BE CONCEALED INSIDE WALLS AND IN PIPE CHASES OR ABOVE CEILING. HOLD ALL PIPING ABOVE CEILING AS HIGH AS POSSIBLE.
- ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
- FIELD VERIFY EXACT SIZE, MATERIAL, AND LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
- ALL WET PIPING TO BE ROUTED BELOW CEILING INSULATION.
- ALL DRY PIPING TO BE ROUTED IN ATTIC SPACE.
- FIRE SPRINKLER CONTRACTOR SHALL BE LICENSED BY THE ALABAMA STATE FIRE MARSHAL'S OFFICE.

**TYPICAL INSPECTOR'S TEST VALVE DETAIL**



**FIRE SPRINKLER DRAWING INDEX**

SHEET NO.	SHEET TITLE
SP1.1	FIRE SPRINKLER PLUMBING PLAN
SP2.1	STORM SHELTER FIRE SPRINKLER PLUMBING PLAN

**FIRE SPRINKLER ZONES**

ZONE NO.	ZONE SQ. FT.	SYSTEM TYPE	COVERAGE AREA DESCRIPTION
1	23,600	WET	TOTAL BUILDING

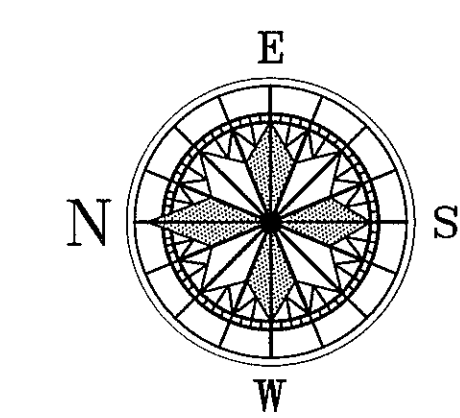
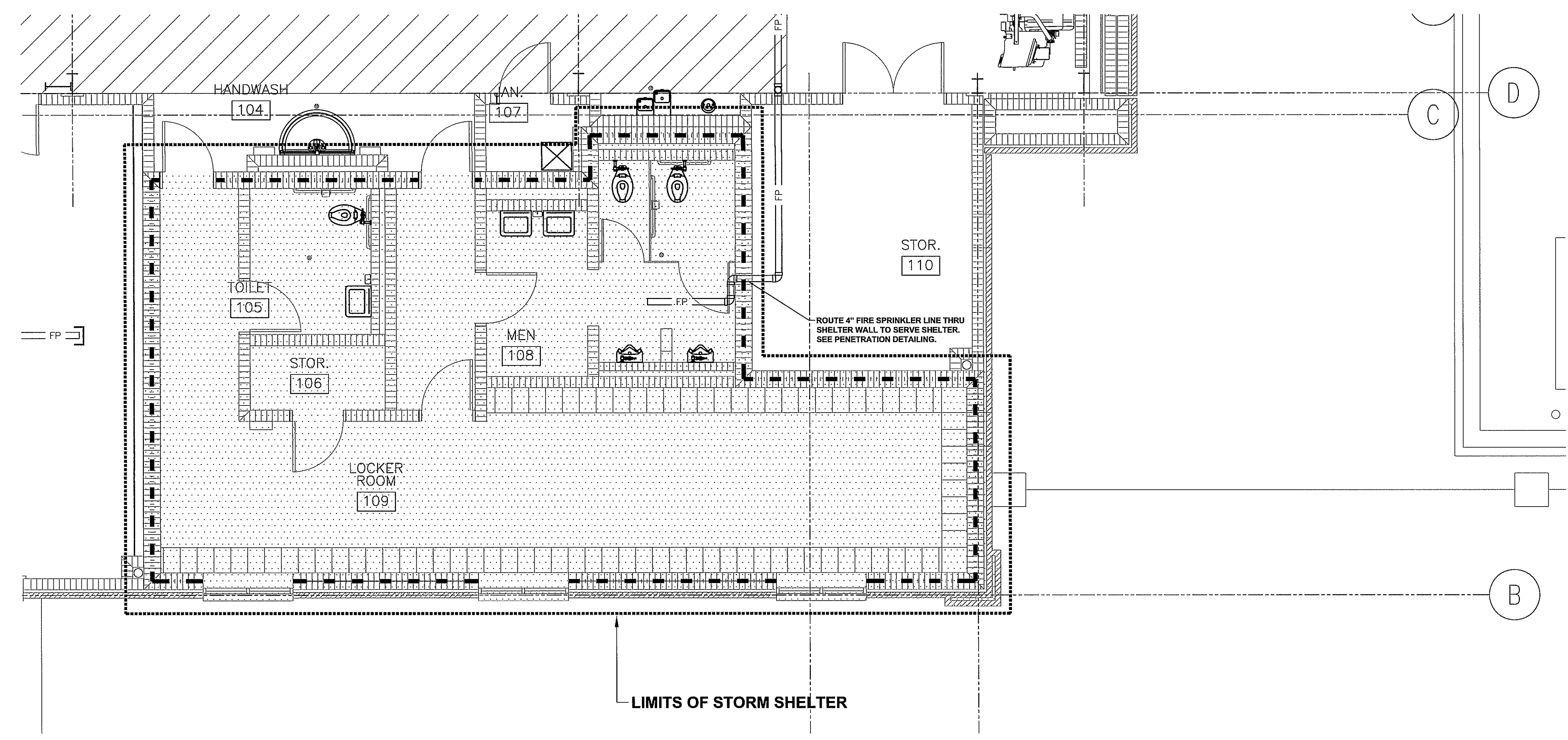
**FIRE SPRINKLER LEGEND**

- CONNECT TO EXISTING PIPING FIELD VERIFY LOCATION OF ALL EXISTING PIPING.
- EXISTING FIRE PROTECTION PIPING FIELD VERIFY EXACT LOCATION.
- NEW FIRE PROTECTION PIPING
- FDV FIRE DEPARTMENT VALVE
- CONTROL VALVE
- SPRINKLER ZONE DIVISION

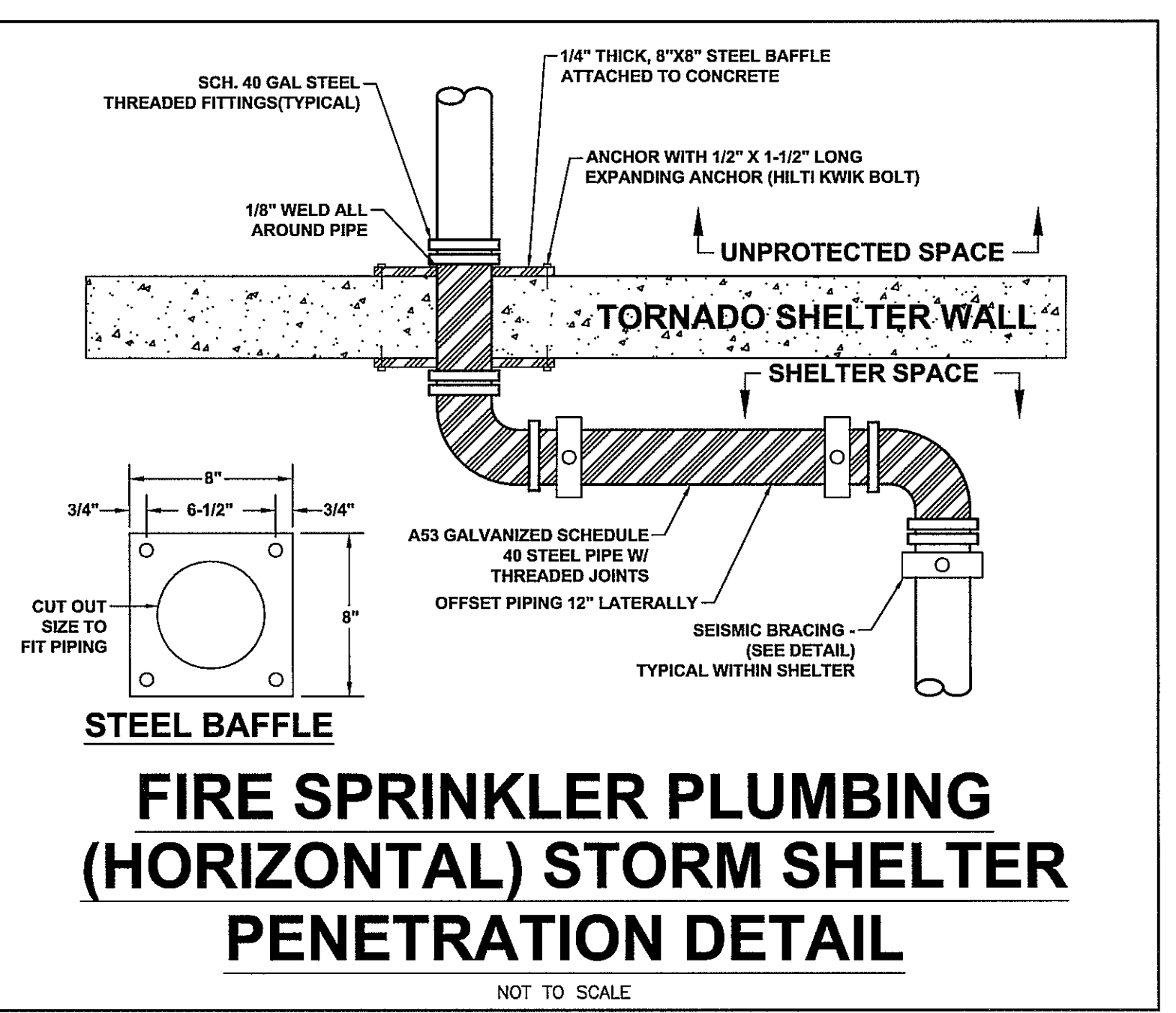
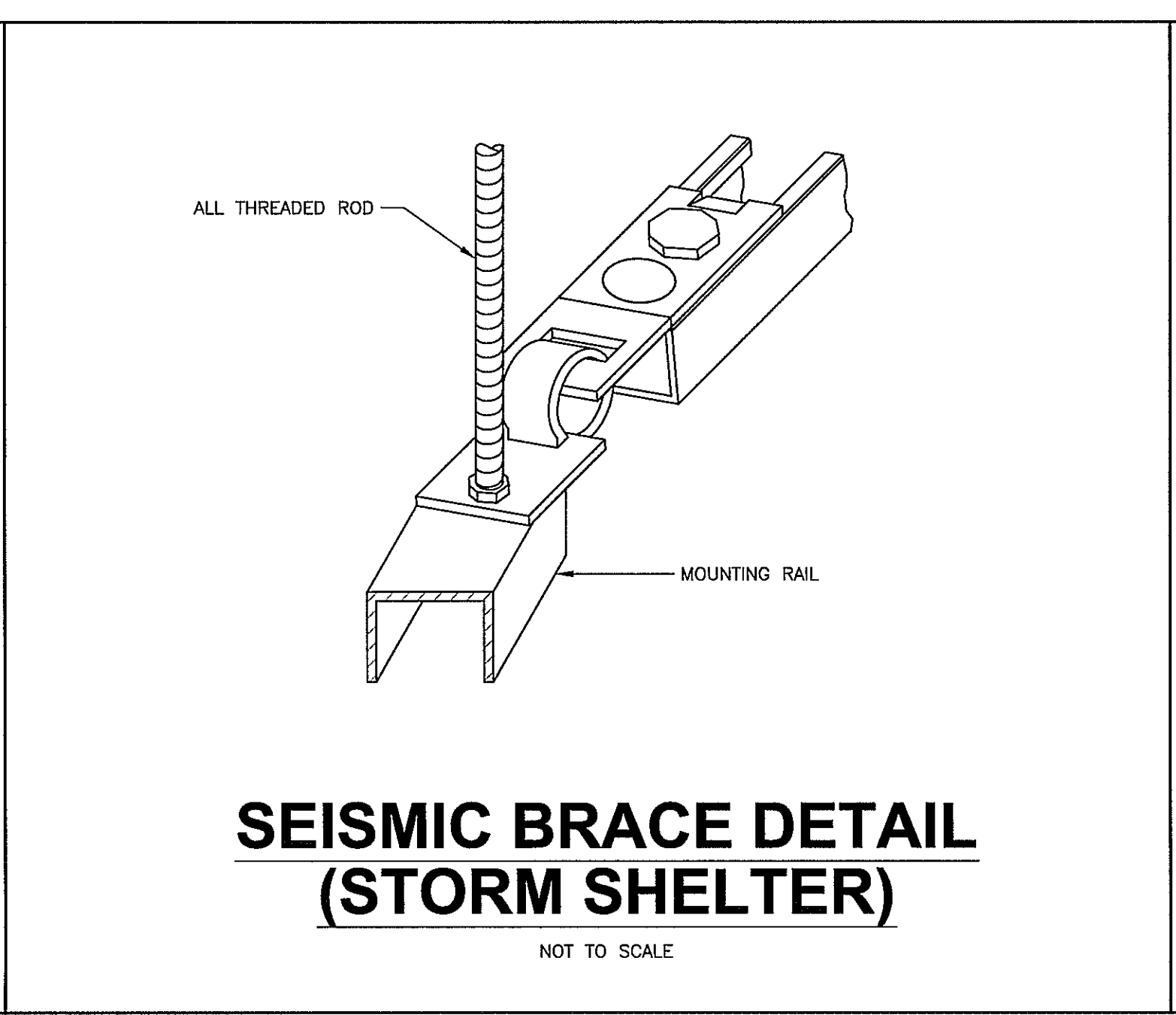
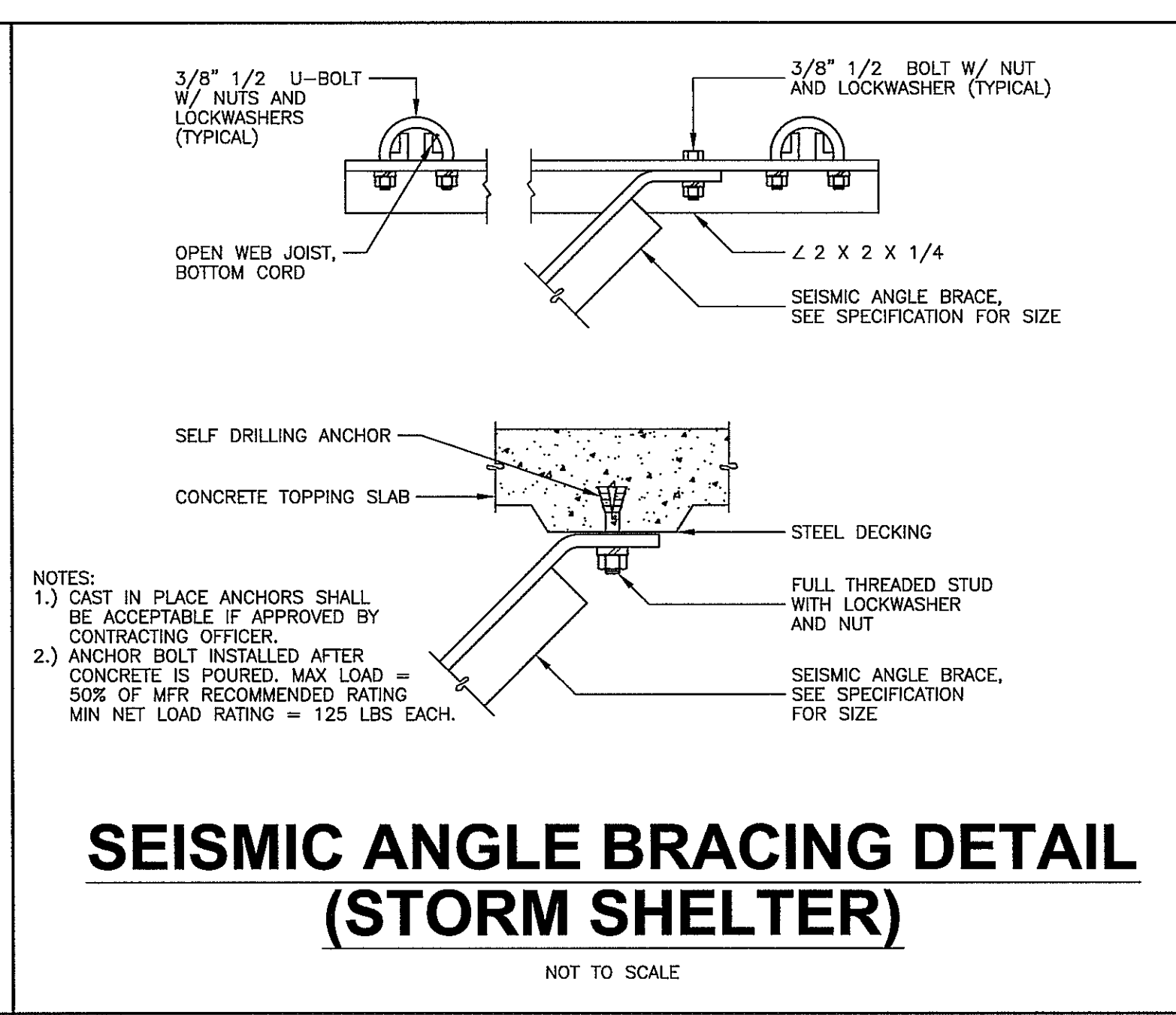
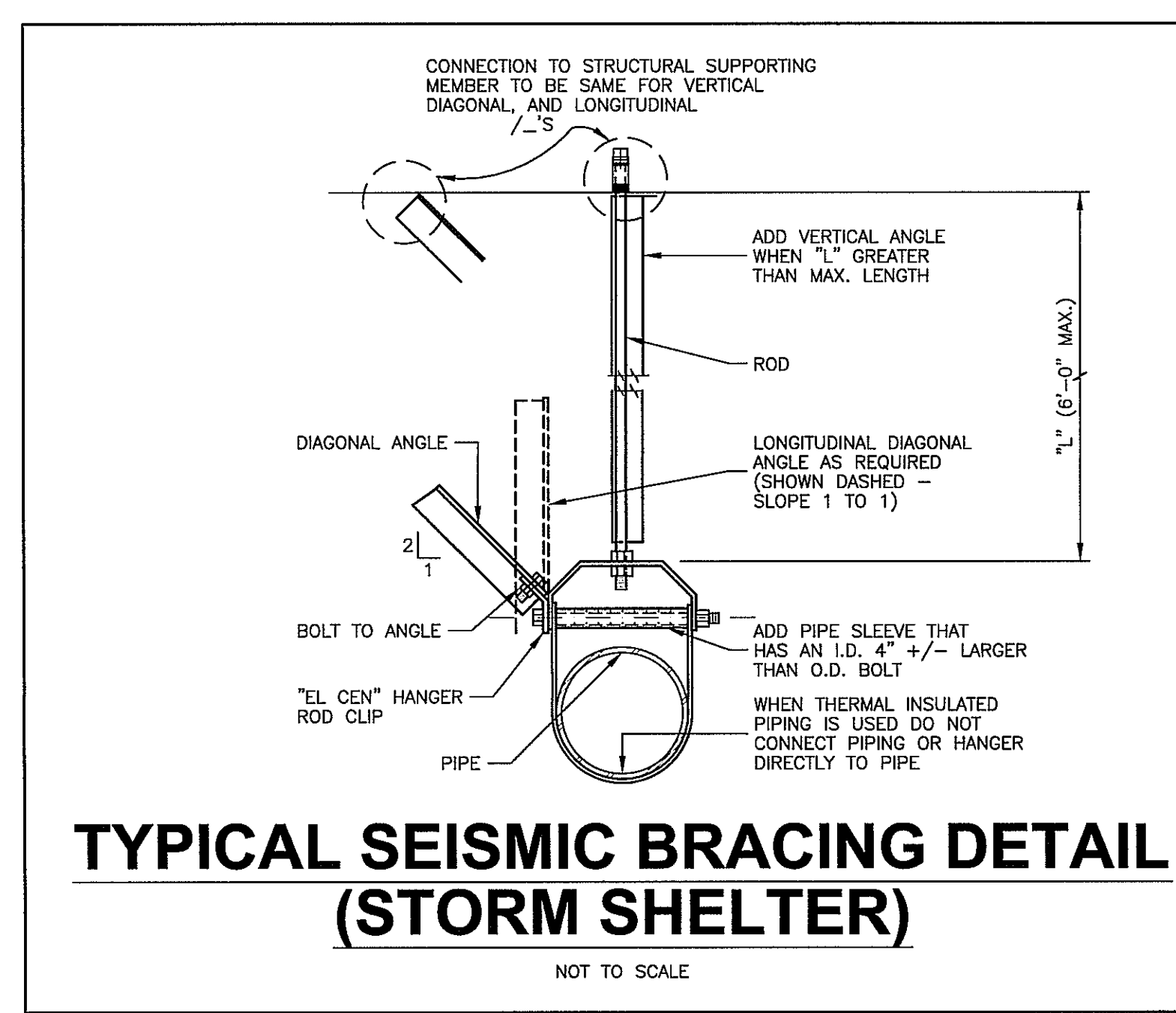
**FIRE WALL LEGEND**

- 2 HOUR WALL
- 4 HOUR WALL

**WHORTON ENGINEERING, INC.**  
 HVAC - PLUMBING - PROCESS CONTROL  
*Randall Whorton*  
 RANDALL WHORTON, P.E.  
 PH 256/820-8897 FAX 256/820-8896  
 25 SUMMERLATE GATE ROAD  
 ANNISTON, ALABAMA 35205  
 DATE: 8-16-17  
 WHORTON ENGINEERING PROJECT NO. 16239



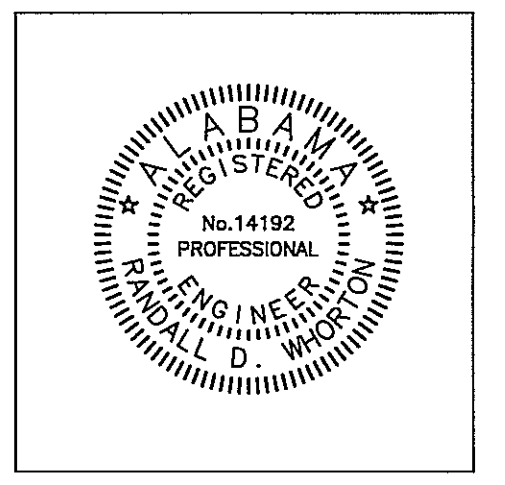
**STORM SHELTER FIRE SPRINKLER PLUMBING PLAN**  
 SCALE: 1/4" = 1'-0"



**FIRE WALL LEGEND**

2 HOUR WALL	---
4 HOUR WALL	-----

**WHORTON ENGINEERING, INC.**  
 HVAC - PLUMBING - PROCESS CONTROL  
*Randall Whorton*  
 RANDALL WHORTON, P.E.  
 PH 256/820-9897 FAX 256/820-9896  
 25 SUMMERHALL GATE ROAD  
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