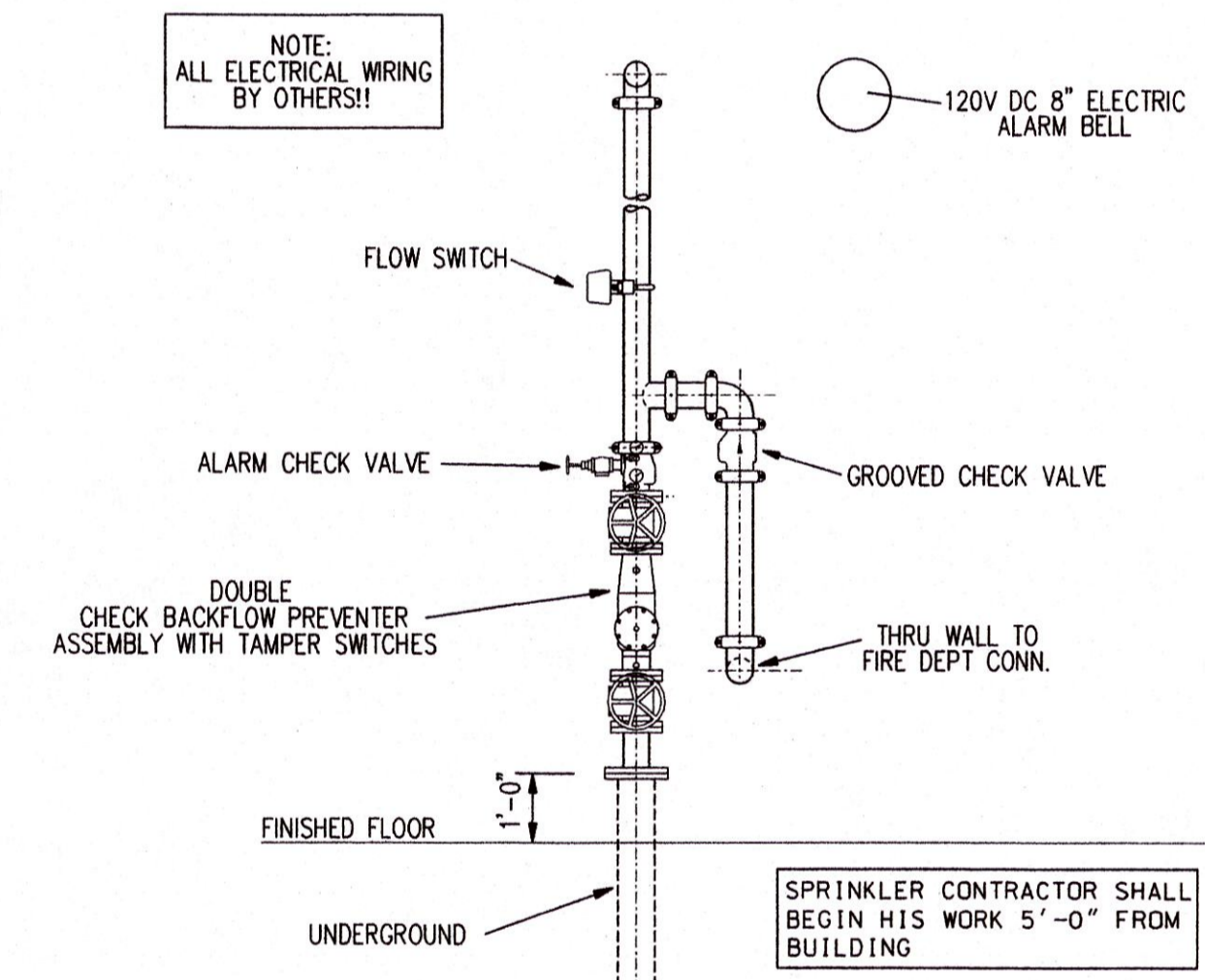


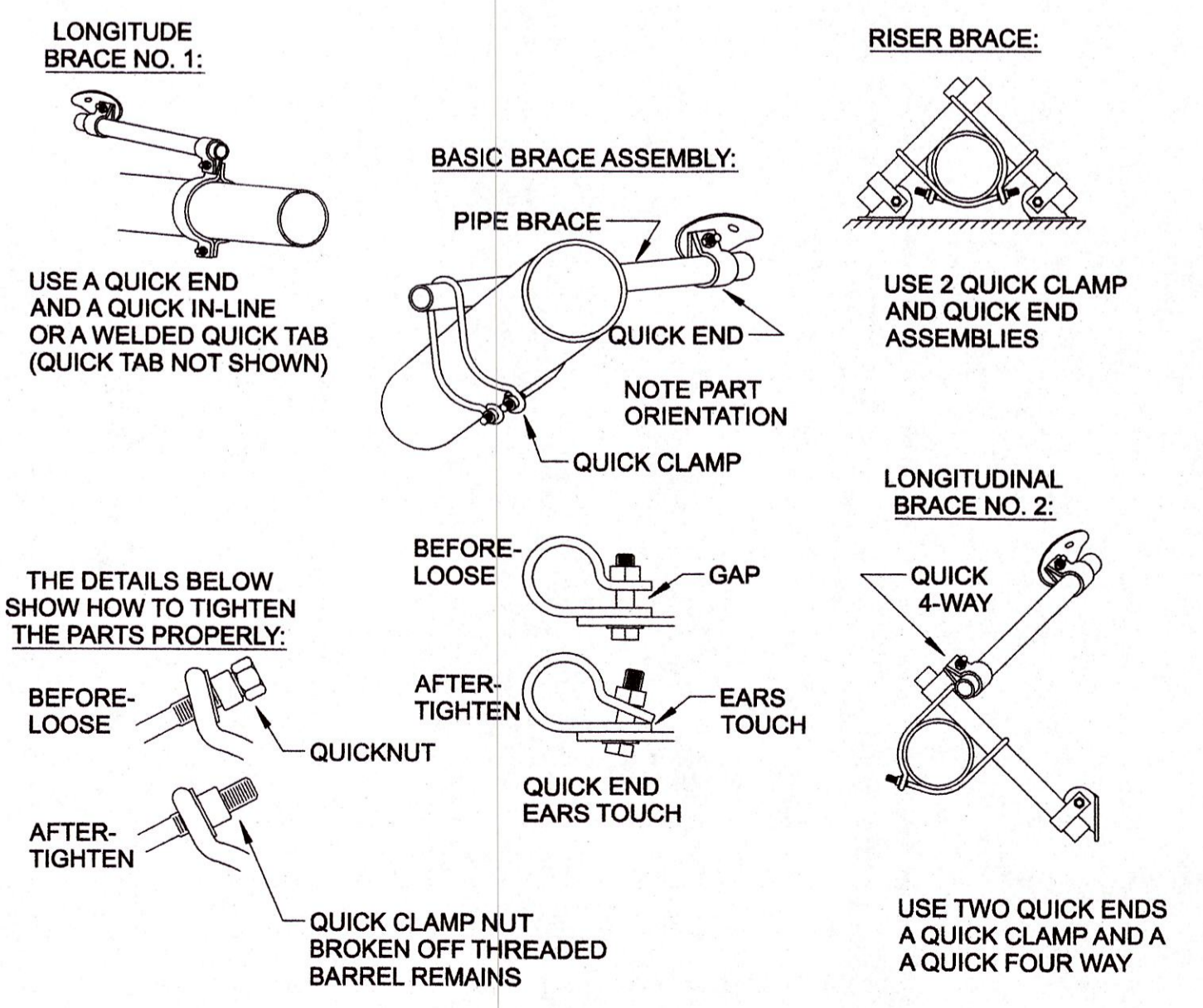
GENERAL NOTES

1. Sprinkler system to be installed in strict accordance with specifications, NFPA #13 (Latest Edition), and the Arkansas State Health Department.
2. The Scope of this project is to install an Automatic Sprinkler System throughout the new facility. The system shown on these drawings show the system configuration, and number of sprinklers required.
3. Design Criteria:
 - A. All light hazard occupancies are to be designed to a density of .10 gpm/ most demanding 1500 sq.ft. with a 100 gpm hose allowance.
 - B. All ordinary hazard occupancies are designed to a density of .20 gpm/ most demanding 1500 sq.ft. with a 250 gpm hose allowance.

Note: Area of application may be reduced due to quick response heads and ceiling heights per NFPA #13.
4. Hydraulic calculations to be based on using thinwall pipe with grooved couplings and welded branchline outlets for all main piping 2 1/2" and larger. Branchline piping 2" and smaller is schedule 40 piping. ** Thinwall pipe may be used in the branchlines.
5. All pipe lengths on drawings are center-to-center dimensions. All hanger lengths are from top of steel or angle iron to centerline of pipe.
6. All hangers are indicated on the drawings. All pipe supports and materials to be selected by SPRINKLER CONTRACTOR and shall comply with N.F.P.A. #13 requirements.
7. All new fire protection devices and equipment are to be UL/FM listed and approved for fire protection.
8. All new piping to be in accordance with ASTM A-795.
9. No butt welding will be allowed on welded piping.
10. All blind space construction is of noncombustible materials and no sprinklers are required in these areas.
11. All electrical and alarm work to be provided by others.
12. Any material substitutions made from those specified must be the equivalent to that item.
13. Successful Sprinkler Contractor will be furnished a CAD file of the drawings for his use in adding shop markings and cut dimensions. Sprinkler Contractor shall maintain "as-built" drawings and submit same to Architect at the conclusion of the project.
15. Every effort has been made in the preparation of these drawings to avoid conflicts with other trades and to make the system fit the building. Successful Sprinkler contractor shall make his own "job check" and make any adjustments necessary to coordinate with other trades prior to fabrication. No payments will be made for changes required by Contractor's failure to coordinate properly with conditions on the job site.
16. Storage that does not exceed 12ft. in height and is incidental to another occupancy use group. Such storage shall not constitute more than 10 percent of the building area or 4000 sq.ft. or the sprinklered area, whichever is greater. Such storage shall not exceed 1000 sq.ft. in one pile or area, and each such pile or area shall be separated from other storage areas by at least 25 ft per N.F.P.A. #13.
17. Storage of combustible stockpiles in Ordinary Hazard Group occupancies will not exceed 12 feet in height per N.F.P.A. 13.
18. Sprinkler system alarm and supervisory systems shall be installed by others in accordance with N.F.P.A. 72. Providing supervision and remote monitoring in accordance with NFPA 101 per NFPA 13.
19. Sprinklers shall be installed under ducts, decks, and other obstructions over 4 feet wide per NFPA 13.
20. There are no areas subject to temperatures below 40 degrees F. Therefore, no dry pipe or preaction are required, per NFPA 13.
21. All sprinkler pipe and fittings will be installed so that the system can be drained per NFPA 13.
22. The distance from sprinklers to walls (or obstructions) will not exceed one-half of the allowable distance between sprinklers per NFPA 13.
23. Separation will be provided between vertical obstruction(s) and sprinkler(s) to comply with NFPA 13.
24. Separation will be provided between horizontal obstruction(s) and sprinkler(s) to comply with NFPA 13.
25. Open grid ceilings will not be installed beneath sprinklers without documented compliance with the exception(s) per NFPA 13.
26. Contractor shall furnish Architect and General Contractor Hydraulic Calculations accurately depicting the system as installed, should job changes warrant.
27. Sprinkler Contractor shall submit material and equipment cuts of all materials to the local approving authorities for approval prior to installation.



RISER DETAIL
SCALE: 3/8" = 1'-0"



NOTE: THESE DETAILS ARE PROVIDED WITH THE INTENTION THAT THE ATTACHMENTS TO THE BUILDING BE DIRECTLY CONNECTED TO A RIGID STRUCTURAL COMPONENT. SHOULD CONNECTIONS TO OTHER THAN RIGID STRUCTURAL COMPONENTS BE REQUIRED, THE SEISMIC BRACING SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER.

NOTE:
INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING PLANS AND CALCULATIONS BEARING HIS TITLE BLOCK TO THE LOCAL APPROVING AUTHORITIES. ANY ADDITIONAL NOTES OR DETAILS REQUIRED BY THE AUTHORITY HAVING JURISDICTION TO OBTAIN APPROVAL WILL BE THE INSTALLING CONTRACTORS RESPONSIBILITY.

COORDINATION NOTE:
THIS DRAWING IS FOR ESTIMATING PURPOSES. IT IS THE INSTALLING CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL CONDITIONS WITH ALL TRADES BEFORE ANY PIPING IS TO BE FABRICATED. VERIFICATION OF HYDRAULIC CALCULATIONS WILL ALSO BE REQUIRED BY THE SPRINKLER CONTRACTOR. NO PAYMENTS WILL BE MADE FOR CHANGES REQUIRED DUE TO THE CONTRACTOR'S FAILURE TO COORDINATE PROPERLY WITH ALL CONDITIONS ON THE JOB SITE.



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RENOVATION OF:
TRUMANN FIRE STATION
 801 WEST MAIN ST, TRUMANN, AR 72472

PROJECT NO.: 2023-02
 DRAWN BY:
 CHECKED BY:
 DATE: 07-31-2023
 REVISIONS:

SHEET NO.:
FP1