



**BUC-EE'S**

A DEVELOPMENT OF

Buc-ee's Benton, LLC  
Saline County, AR

TEL: (979) 230-2920

**BUC-EE'S TRAVEL CENTER  
BENTON, ARKANSAS**  
74K - L - 2024 - Q2  
INTERSTATE 30 & STATE HIGHWAY 229  
BENTON, ARKANSAS 72019

**LAWRENCE S.  
LEVINSON, A.I.A.**

7900 Washington Ave., Suite 600 Houston, TX 77007  
main: 713.600.3500 www.lslrc.com

**HENDERSON  
ENGINEERS**  
8345 LENEXA DRIVE, SUITE 300  
LENEXA, KS 66214  
TEL 913.742.5000 FAX 913.742.5001  
WWW.HENDERSONENGINEERS.COM  
2450001433  
AR CORPORATE NO. 484  
EXPIRES 12/31/2025

No.	DESCRIPTION	DATE
3	Revision 3 - Owner Changes	04/23/2025



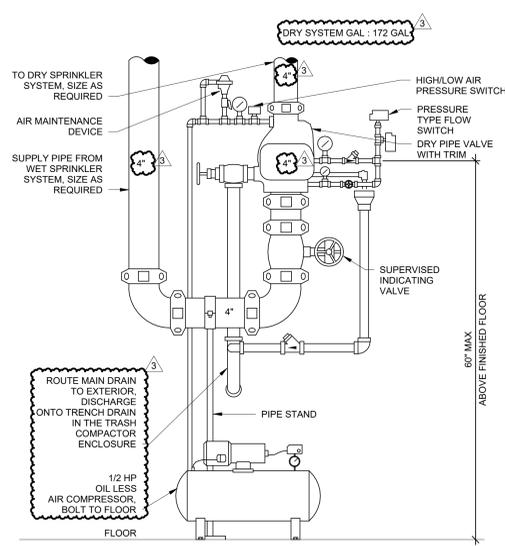
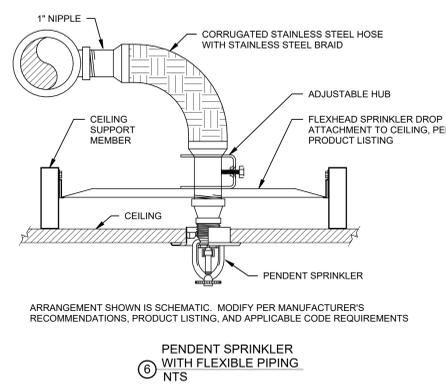
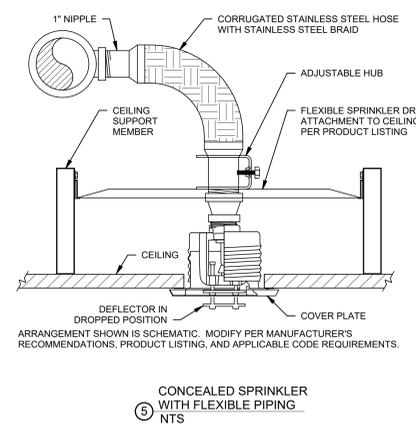
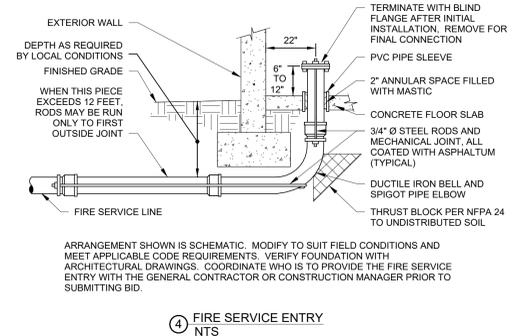
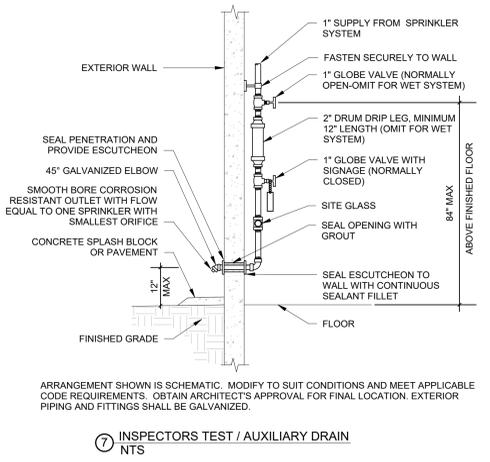
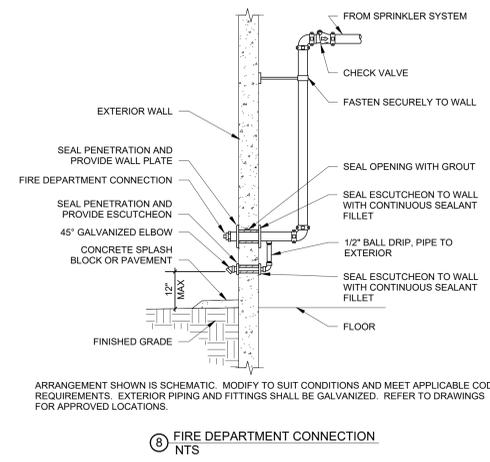
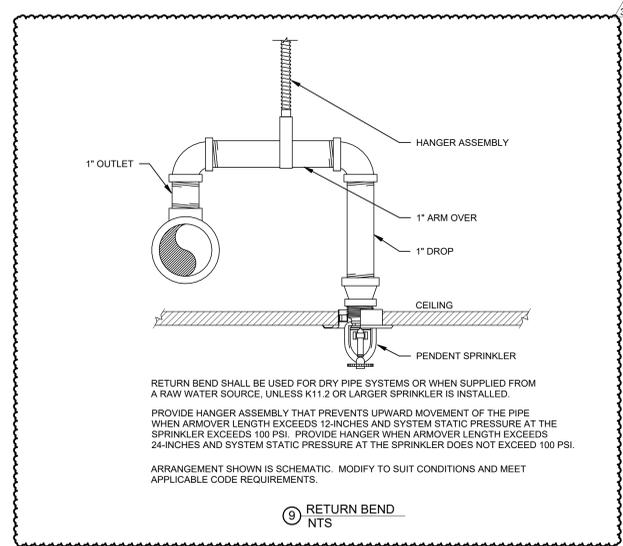
ISSUED FOR REVIEW: 05/14/2024  
ISSUED FOR BID: 05/14/2024  
ISSUED FOR PERMIT: 05/14/2024

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**FP6.01**

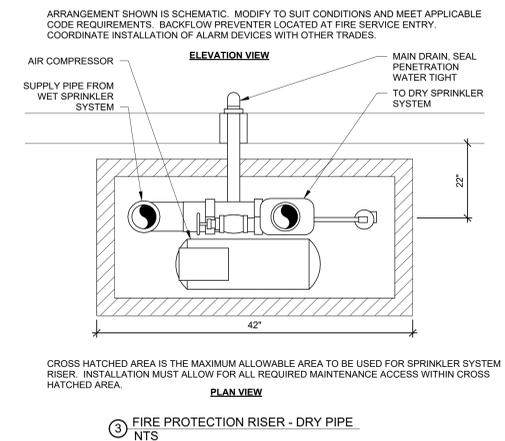
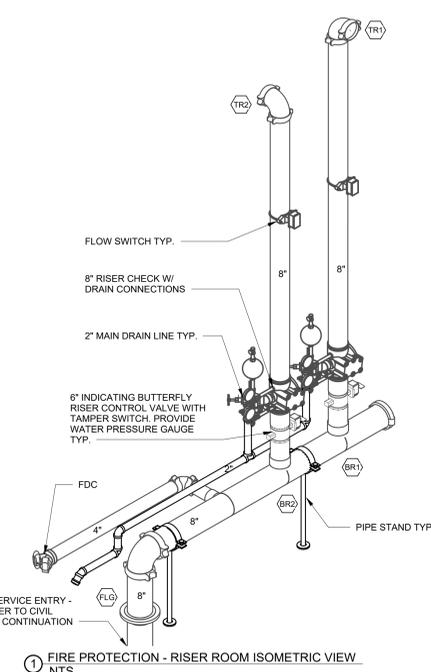
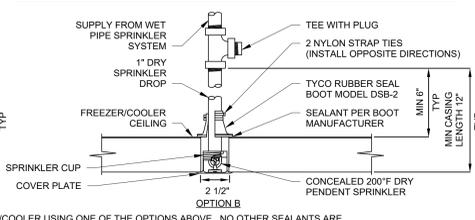
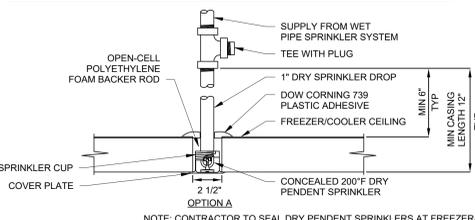
**FIRE SPRINKLER DETAILS**  
LSL PROJECT NUMBER: 2024-107.000

**BENTON, ARKANSAS**



- OPTION "A" INSTALLATION PROCEDURE**
- CORE DRILL 2 1/2" DIAMETER HOLE IN THE FREEZER/COOLER INSULATED CEILING PANEL. LOCATE HOLE AND REQUIRED SPRINKLER PROTECTION IN ACCORDANCE WITH NFPA 13 OBSTRUCTION CRITERIA (SSP TYPE SPRINKLERS). MAINTAIN 6" CLEARANCE FROM COOLER SEAMS.
  - INSTALL DRY PENDENT SPRINKLER PER MANUFACTURERS INSTALLATION REQUIREMENTS.
  - COMPLETELY FILL ANNULAR CEILING OPENING BETWEEN THE ESCUTCHEON AND TOP OF CEILING PANEL WITH OPEN-CELL POLYETHYLENE FOAM BACKER ROD. EXPANDED FOAM IS NOT PERMITTED.
  - INJECT DOW CORNING 739 PLASTIC ADHESIVE SEALANT INTO AND AROUND THE TOP OF THE FREEZER/COOLER CEILING CORE OPENING IN ACCORDANCE WITH SEALANT MANUFACTURERS INSTRUCTIONS.

- OPTION "B" INSTALLATION PROCEDURE**
- CORE DRILL 2 1/2" DIAMETER HOLE IN THE FREEZER/COOLER INSULATED CEILING PANEL FROM BELOW. LOCATE HOLE AND REQUIRED SPRINKLER PROTECTION IN ACCORDANCE WITH NFPA 13 OBSTRUCTION CRITERIA (SSP TYPE SPRINKLERS). MAINTAIN 6" CLEARANCE FROM COOLER SEAMS.
  - INSTALL TYCO DRY PENDENT SPRINKLER PER MANUFACTURERS INSTALLATION REQUIREMENTS. INSERT BOOT PRIOR TO MAKE-UP WITH PIPING.
  - COMPLETELY SEAL INTERFACE BETWEEN BOOT FLANGE AND TOP OF FREEZER/COOLER PANEL WITH ADHESIVE PROVIDED WITH BOOT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
  - APPLY STRAP TIES ON BOOT AROUND DRY SPRINKLER BARREL PER MANUFACTURERS INSTRUCTIONS.



CHRISTOPHER J. CULP