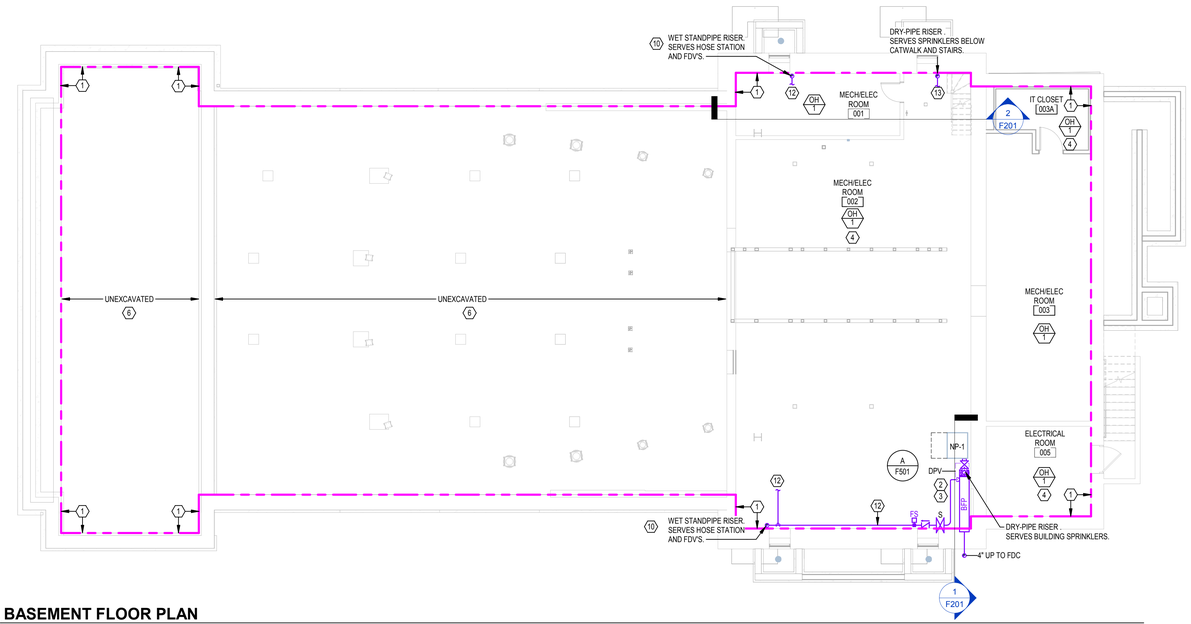
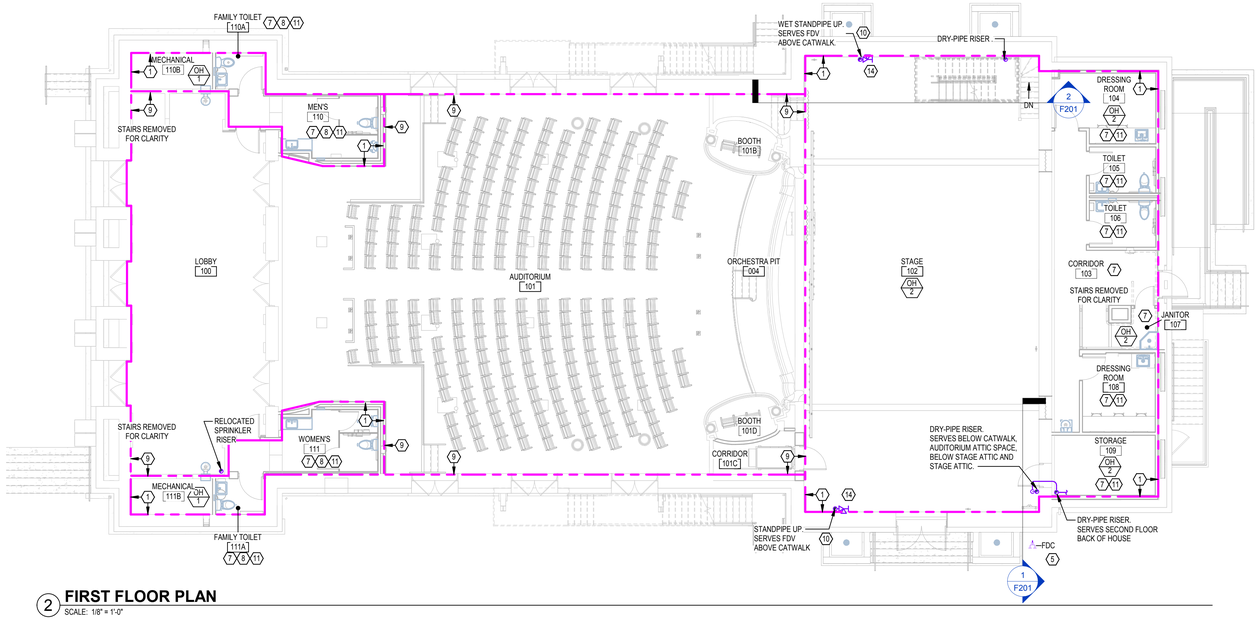


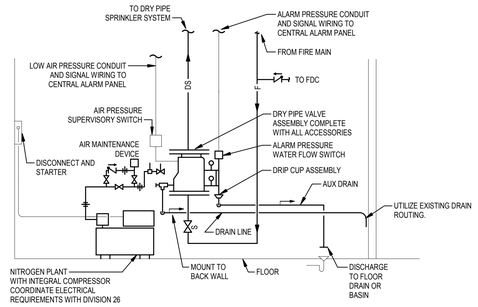
1 BASEMENT FLOOR PLAN

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



2 FIRST FLOOR PLAN

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



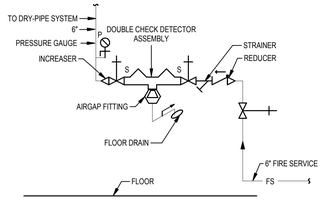
A DRY PIPE VALVE ASSEMBLY WITH NITROGEN PLANT - SCHEMATIC

NTS

FIRE SUPPRESSION EQUIPMENT

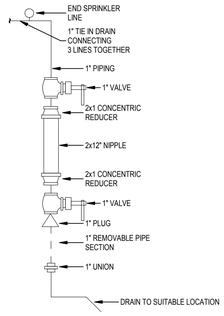
GENERAL NOTES:
A. INSTALL ALL "LOOSE" COMPONENTS.

MARK	DESCRIPTION	CAPACITY	HP	ELECTRICAL (VOLTAGE - PHASE)	WATER CONNECTIONS		APPROX. DIMENSIONS			SEE NOTE
					IN	OUT	WIDTH / DIA	LENGTH	HEIGHT	
NP-1	NITROGEN GENERATOR W/ AIR COMPRESSOR, SKID MOUNTED. BASIS OF DESIGN: PGEN-20 OR EQUAL (208VAC)	20 GALLON	2 PH	208VAC/3 PH, 60Hz & 120VAC/ 1PH, 60Hz	-	-	32"	40"	57"	



C FIRE SERVICE BACKFLOW PREVENTION - SCHEMATIC

NTS

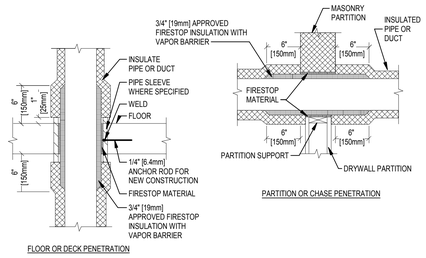


NOTES

1. PRE-MANUFACTURED DRUM DRIP ASSEMBLIES MAY BE USED IN LIEU OF INDIVIDUAL COMPONENTS.
2. FOLLOW EXISTING DRAIN ROUTING.

B DRUM DRIP DRAIN ASSEMBLY

NTS



NOTE:
1. APPLICABLE TO PENETRATIONS OF ALL FIRE RATED MEMBRANES,IN ACCORDANCE WITH NFPA 101. REFER TO SPECIFICATIONS SECTION 07 84 00, FIRE STOPPING SYSTEMS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR RATED WALLS.

D PIPE/ DUCT PENETRATION OF SMOKE/ FIRE BARRIERS

NTS

GENERAL NOTES

A. REFER TO SHEET F001 FOR ABBREVIATIONS, LEGEND & DESIGN NOTES.

B. UTILIZE EXISTING SPRINKLER LOCATIONS WHERE POSSIBLE IN AUDITORIUM AND LOBBY CEILINGS.

C. FOLLOW EXISTING EXPOSED BRANCH AND MAIN PIPE ROUTING IN AUDITORIUM AND LOBBY.

D. EXPOSED PIPING SHALL MATCH ADJACENT PAINTED SURFACES.

E. SPRINKLER PIPING TO BE ROUTED IN CEILING WHERE CEILING SPACE ALLOWS. (ROOMS 110, 110A, 111, 111A,104, 105, 106, 108 & 109.)

F. UTILIZE EXISTING TEST LOCATIONS AND DRAIN ROUTING.

PLAN NOTES

1. PROVIDE NEW DRY-PIPE SPRINKLER SYSTEM (SIZED PER HYDRAULIC CALCULATIONS) COMBINED WITH WET-STANDPIPE SYSTEM (STAGE AREA ONLY) TO SERVE BUILDING.
2. DRY-PIPE SPRINKLER SYSTEM WITH NITROGEN GENERATOR PLANT. NITROGEN PLANT SHALL COMPLY WITH NFPA STANDARDS AND BE INSTALLED PER MANUFACTURER'S INSTALLATION REQUIREMENTS. WATER TO REACH MOST REMOTE SPRINKLER WITH-IN 30 SECONDS.
3. PROVIDE DOUBLE CHECK DETECTOR ASSEMBLY ON FIRE SERVICE.
4. ONLY SPRINKLER PIPING SERVING ROOM'S SPRINKLER(S) SHALL BE EXTEND ABOVE THIS ROOM. PIPING SHALL NOT BE LOCATED DIRECTLY OVER ELECTRICAL EQUIPMENT.
5. PROVIDE NEW FIRE DEPARTMENT CONNECTION.
6. UNEXCAVATED SPACE - SPRINKLERS NOT REQUIRED.
7. HARD CEILING IN THIS LOCATION (GYPSUM BOARD/ PLASTER/ WOOD). REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. PROVIDE SEMI-RECESSED SPRINKLERS IN LOBBY RESTROOMS (110, 110A, 111 & 111A)
9. PROVIDE FACTORY COLORED SPRINKLERS IN LOBBY AND AUDITORIUM (SHOP OR FIELD PAINTING IS NOT PERMITTED.). MATCH ADJACENT PAINTED SURFACES. NON-COLORED SPRINKLERS PERMITTED IN ATTIC, RAFTERS, STAGE, BACK-OF-HOUSE, MECHANICAL, ELECTRICAL AND PROJECTION ROOMS.
10. RE-USE EXISTING HOSE STATION/ FDV STANDPIPES AND FIRE RISER LOCATIONS UNLESS OTHERWISE NOTED.
11. ROUTE SPRINKLER PIPING IN CEILING AS SPACE ALLOWS.
12. EXTEND WET-PIPE BRANCHES TO HOSE STATION/ FDV RISERS. SIZED PER HYDRAULIC CALCULATIONS. AREA IS HEAVILY CONGESTED WITH MECHANICAL EQUIPMENT.
13. DRY-PIPE SYSTEM RISER TO SERVE STAIRS AND BELOW CATWALK. AREA IS HEAVILY CONGESTED WITH MECHANICAL EQUIPMENT.
14. PROVIDE 1.5" HOSE CABINET, 100 FT OF HOSE WITH ADJUSTABLE NOZZLE.

PLAN NORTH

No.	Revisions:	Date:
	100% CONSTRUCTION DOCUMENTS	05/30/2025
	95% CONSTRUCTION DOCUMENTS	03/31/2024
	75% DESIGN DEVELOPMENT	01/29/2025
	25% SCHEMATIC DESIGN	10/31/2024

CONSULTANT

ARCHITECT/ENGINEER OF RECORD

FFE | HEAPY

PROJECT NO. 2024-05141

STAMP: NOT FOR CONSTRUCTION

JAMES H. QUILLEN VA MEDICAL CENTER

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT AND FIRST FLOOR NEW WORK PLANS

Approved: VAMC

Phase: 100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RESTORATION OF BUILDING 35 HISTORIC THEATER

Location: MT. HOME, TENNESSEE

Issue Date: 05/30/2025 | Checked: EWL | Drawn: RLC

Project Number: 621-24-103

Building Number: 35

Drawing Number: FX101

VA FORM 08 - 6231

Autodesk Docs://Mt Home VA - Restoration of B35 Theater/2024-05141-MEP-Central.rvt

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