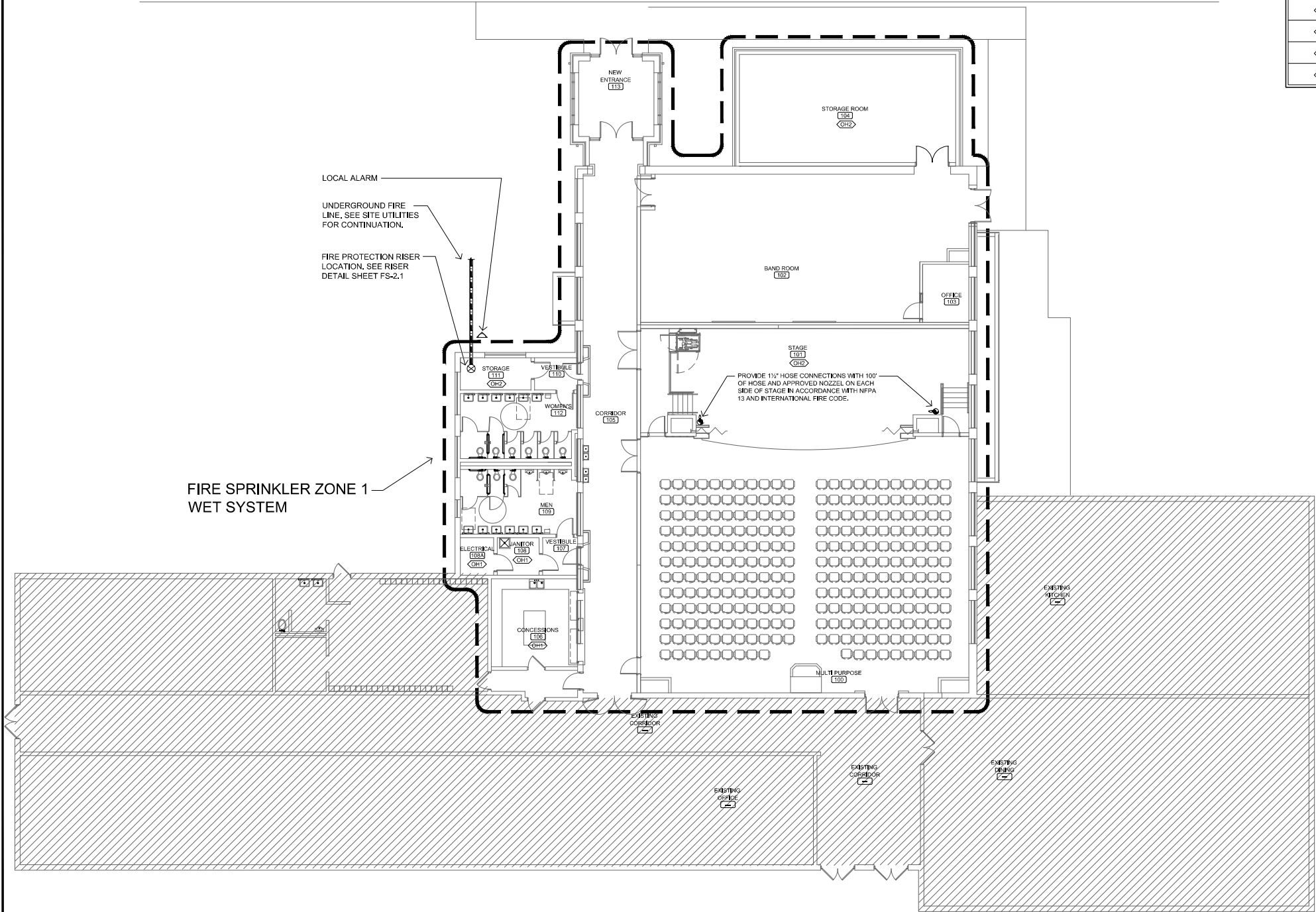




HAZARD CLASSIFICATION LEGEND	
ALL AREAS (SPACES) ARE LIGHT HAZARD IN ACCORDANCE WITH NFPA 13 UNLESS NOTED OTHERWISE.	
SYMBOL	DESCRIPTION
OH1	ORDINARY HAZARD GROUP 1
OH2	ORDINARY HAZARD GROUP 2
EH1	EXTRA HAZARD GROUP 1
EH2	EXTRA HAZARD GROUP 2

Goshe High School Arts Center

TO
Goshe High School

FOR THE
Pike County Board of Education

Troy, ALABAMA



M. KEE ASSOCIATES
ARCHITECTURE INTERIOR DESIGN

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (205) 834-4933

SHEET TITLE : FIRE SPRINKLER FLOOR PLAN

MCKEE JOB # : 20,119

DRAWN BY : RS/SG

DATE : 10.10.25

REVISED DATE:

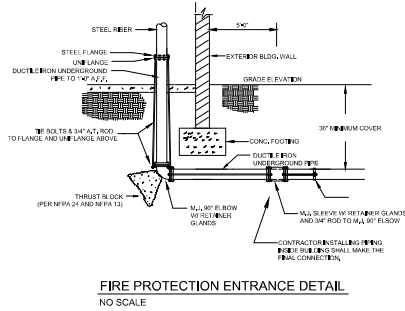
REVISED DATE:

REVISED DATE:

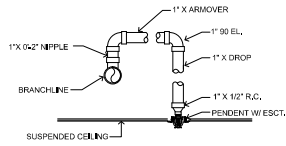
SHEET NO. : FS1.1



FIRE SPRINKLER FLOOR PLAN
SCALE: 1/8" = 1'-0"

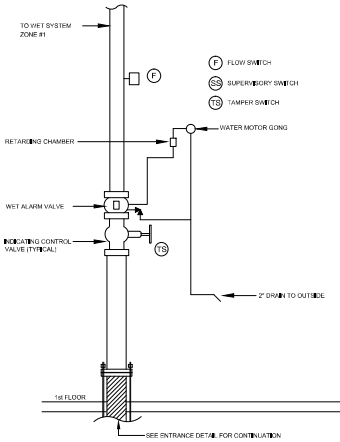


FIRE PROTECTION ENTRANCE DETAIL
NO SCALE



TYP. RETURN BEND ASSEMBLY
NO SCALE

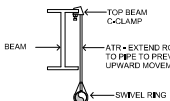
NOTE : ALL SPRINKLERS IN LAY-IN CEILINGS TO BE CENTERED BOTH WAYS



FIRE SPRINKLER ZONE 1 RISER DETAIL
NO SCALE

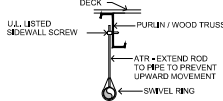
NOTE TO CONTRACTOR :

1. A LOW VOLTAGE ELECTRIC BELL TIED INTO THE ALARM SYSTEM MAY BE USED IN LIEU OF THE ALARM VALVE AND WATER MOTOR & GONG. IT IS THE RESPONSIBILITY OF THE SPRINKLER CONTRACTOR TO COORDINATE THIS CHANGE WITH ELECTRICAL, FIRE ALARM CONTRACTOR.
2. FIRE SPRINKLER SYSTEM BACKFLOW DEVICE AND FIRE DEPARTMENT CONNECTION TO BE LOCATED AT THE POINT OF CONNECTION TO THE PUBLIC WATER MAIN. SEE OTHER DIVISION DOCUMENTS FOR EXACT LOCATION AND ARRANGEMENT. F.D.C. THREADS TO MATCH LOCAL FIRE DEPARTMENT.
3. PROVIDE MEANS FOR FORWARD FLOW TESTING (2 1/2" HOSE VALVE - 1 PER 500 GPM DEMAND) AT SPRINKLER RISER WHERE OTHER MEANS ARE NOT PROVIDED.



HANGER DETAIL
NO SCALE

NOTE : ALL HANGER ASSEMBLIES TO BE U.L. LISTED



HANGER DETAIL
NO SCALE

NOTE : ALL HANGER ASSEMBLIES TO BE U.L. LISTED

GENERAL NOTES:

1. ALL FIRE PROTECTION STUDIES SHALL BE 50% OUTSIDE BUILDING TO 14" N.P.S.
2. ALL UNDERGROUND PIPING SHALL BE INSTALLED, TESTED, AND FLUSHED PER NFPA 24 BEFORE CONNECTING TO OVERHEAD PIPING.
3. ALL MATERIALS AND INSTALLATION OF THIS AUTOMATIC SPRINKLER SYSTEM SHALL CONFORM TO NFPA 13, NFPA 101, AND/OR MANUFACTURER'S LISTINGS.
4. ALL OVERHEAD PIPING SHALL BE TESTED PER NFPA 13.
5. SPRINKLER SYSTEM SHALL BE PROTECTED AGAINST FREEZING.
6. LOW POINTS OF SYSTEM SHALL HAVE PROVISIONS FOR PROPER DRAINAGE.
7. ALL FERROUS, WELDED OR SEAMLESS STEEL FIRE SHALL MEET AND/ OR ASTM A53, WELDING BY COVERED WELDER.
8. 24 HOUR SUPERVISION SHALL BE PROVIDED.
9. A SPARE HEAD CABINET SHALL BE PROVIDED WITH A MINIMUM OF 6 OF EACH TYPE OF SPRINKLER USED.
10. HYDRAULIC CALCULATIONS SHALL BE PERFORMED BY SPRINKLER CONTRACTOR. HYDRAULIC CALCULATIONS SHALL BE PER NFPA 13 AND BASED ON CURRENT FLOW TEST PERFORMED BY SPRINKLER CONTRACTOR.
11. CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO CONDUCT A VERIFY WATER FLOW INFORMATION, CONTACT THE LOCAL WATER AUTHORITY AND/OR FIRE DEPARTMENT BEFORE PERFORMING THE TEST.
12. PLANS TO BE SUBMITTED TO STATE/LOCAL AUTHORITY, OWNERS INSURANCE UNDERWRITER, AND ARCHITECT FOR APPROVAL.
13. SPRINKLER PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANELS OR TRANSFORMERS.
14. PROVIDE HANGERS ON ARMADORS OVER 2' X 2' LONG.
15. PROVIDE SPRINKLER HEAD GUARDS ON ALL SPRINKLERS SUBJECT TO MECHANICAL INJURY (NOTED BY HG ON PLAN).
16. ALL SPRINKLERS SHALL BE LISTED AS QUICK RESPONSE.
17. SEISMIC BRACING REFER TO STRUCTURAL CONTRACT DOCUMENTS FOR INFORMATION REGARDING OVERALL SEISMIC DESIGN CATEGORY FOR THE BUILDING, WHERE SEISMIC DESIGN CATEGORY IS "D", "E", OR "F". EMPLOY THE SERVICES OF AN ALABAMA REGISTERED STRUCTURAL ENGINEER TO DESIGN SEISMIC RESTRAINTS AND PROVIDE SEISMIC BRACING FOR THE SPRINKLER SYSTEM PIPING ACCORDINGLY, WHERE SEISMIC DESIGN CATEGORY IS "C". PROVIDE SEISMIC BRACING IN ACCORDANCE WITH NFPA 13 REQUIREMENTS SEISMIC BRACING IS NOT REQUIRED WHERE OVERALL SEISMIC DESIGN CATEGORY IS "A", OR "B".

SPRINKLER SYSTEM SCHEDULE

ROOM OR AREA	SYSTEM TYPE	OCCUPANCY CLASSIFICATION	DENSITY GPM/SQ.FT.	CALCULATED AREA SQ.FT.	GPM HOSE ALLOWANCE
BANDROOM, MULTIPURPOSE, OFFICES, CORRIDORS, TOILETS, ETC.	WET PIPE	LIGHT	.10	1500	100
MECHANICAL, ELECTRICAL, JANITOR, KITCHEN, UNASSIGNED, UNFINISHED, ETC.	WET PIPE	ORDINARY 1	.15	1500	250
STAGES, STORAGE ROOMS, ETC.	WET PIPE	ORDINARY 2	.20	1500	250
COMBUSTIBLE ATTICS, OUTDOOR SEATING, ETC.	DRY PIPE	LIGHT	.10	1500	100

- NOTES:
1. ALL AREAS, INCLUDING TOILETS AND CLOSETS, SHALL BE PROTECTED PER NFPA-13 AND ALL AUTHORITIES HAVING JURISDICTION UNLESS NOTED.
 2. EXACT LOCATION OF SPRINKLERS AND PIPING SHALL BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND OTHER TRADES BY SPRINKLER CONTRACTOR.
 3. FIRE RISERS SHALL BE PER SPRINKLER CONTRACTOR HYDRAULIC CALCULATIONS.
 4. ALL PIPING SHALL BE CONCEALED ABOVE CEILINGS, IN WALLS, AND IN PIPE CHASES. EXPOSED PIPING PERMITTED ONLY IN MECHANICAL ROOMS, OR EQUIVALENT SPACES WITHOUT DROP CEILING, EXPOSED PIPING IN PUBLIC SPACES SHALL BE PAINTED, COLOR TO BE SPECIFIED BY OWNER.
 5. ALL FIRE SPRINKLER PIPING SHALL BE ROUTED DURING DESIGN ONLY AFTER COORDINATION WITH ARCHITECT, GENERAL CONTRACTOR, AND ALL OTHER SUB-CONTRACTORS.
 6. ALL DRY SYSTEM PIPING AND FITTINGS TO BE HOT-DIPPED GALVANIZED.

Goshen High Shoal Arts Center Renovation

TO
Goshen High School

FOR THE
Pike County Board of Education

Troy, ALABAMA

MCKEE and ASSOCIATES
ARCHITECTURE and INTERIOR DESIGN

631 SOUTH HULL STREET MONTGOMERY, ALABAMA 36104 (205) 834-4953



SHEET TITLE : FIRE SPRINKLER
NOTES & DETAILS

MCKEE JOB # : 20,119

DRAWN BY : RS/SG

DATE : 10.10.25

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO. : FS2.1