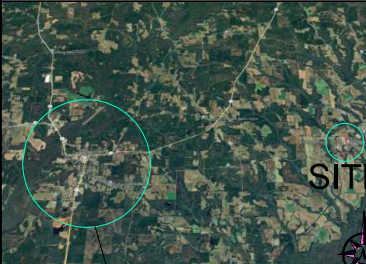


GOSHEN HIGH SCHOOL
ARTS CENTER RENOVATION
TO
GOSHEN HIGH SCHOOL
FOR THE
PIKE COUNTY BOARD OF EDUCATION
TROY, ALABAMA

LOCATION MAP

GOSHEN HIGH SCHOOL
286 Eagle Circle, Goshen, AL



2016 Earth

GOSHEN ALABAMA

VICINITY MAP

GOSHEN HIGH SCHOOL
286 Eagle Circle, Goshen, AL

A satellite map of the Goshen, Alabama area. The map shows a mix of green fields, brown patches, and some buildings. A red pin marks the location of Goshen High School. A black dot marks the proposed site, with the word 'SITE' written in large, bold, black letters next to it. A road labeled 'Goshen' runs horizontally across the middle of the map. Another road labeled 'Cottonwood St' runs diagonally from the bottom right towards the center. A compass rose is located in the bottom right corner of the map.

CONTACTS		
<u>OWNER</u> Pike County Board of Education 101 Love Street, Troy, Alabama 36081 Phone: (334) 566-1850	<u>ARCHITECTURAL</u> Mckee and Associates 631 South Hull Street Montgomery, Alabama 36104 Phone: (334) 834.9933	<u>CIVIL</u> Professional Engineering Consultants 822 South McDonough Street Montgomery, Alabama 36104 Phone: (334) 262.7307
<u>STRUCTURAL</u> Day Structures 141 West Main Street Prattville, Alabama 36067 Phone: (334) 277.9550	<u>PLUMBING and MECHANICAL</u> Zgouvas, Eiring and Associates 800 South McDonough Street Montgomery, Alabama 36104 Phone: (334) 263.4406	<u>ELECTRICAL</u> GUNN Engineering LLC 903 So. Perry St. Montgomery, AL 36104 Phone: (334) 289-0329

INDEX TO DRAWINGS						
GENERAL		ARCHITECTURAL		INTERIOR TREATMENT		ELECTRICAL
G0.1	TITLE SHEET AND INDEX TO DRAWINGS			N/A		
G1.1	CODE FLOOR PLAN					E0.1 ELECTRICAL LEGEND AND NOTES
		A1.0	DEMOLITION PLAN			E1.1 PARTIAL FLOOR PLAN - DEMOLITION - NOTES
CIVIL		A1.1	FLOOR PLAN, SCHEDULES AND LEGENDS	FIRE PROTECTION		E2.1 PARTIAL FLOOR PLAN - LIGHTING
		A1.2	LARGE SCALE PLANS	FS-1	FIRE SPRINKLER FLOOR PLAN	E2.2 LIGHTING CONTROLS DETAILS AND NOTES
C-1	EXISTING CONDITIONS/DEMOLITION PLAN	A1.3	REFLECTED CEILING PLAN	FS-2	FIRE SPRINKLER NOTES AND DETAILS	E2.3 DIMMING SYSTEM RISER DIAGRAM, DETAILS AND NOTES
C-2	SITE & UTILITY PLAN	A1.4	HIGH WALL PLAN AND ROOF PLAN			E2.4 DIMMING SYSTEM RISER DIAGRAM, DETAILS AND NOTES
C-3	GRADING PLAN	A3.1	INTERIOR ELEVATIONS	PLUMBING		E3.1 PARTIAL FLOOR PLAN - POWER
C-4	CIVIL CONSTRUCTION DETAILS	A4.1	EXTERIOR ELEVATIONS	P-1	PLBG. SCHEDULES, NOTES AND DETAILS	E3.2 PARTIAL FLOOR PLAN - MECHANICAL POWER
		A5.1	BUILDING SECTIONS	P-2	PLBG. FLOOR PLANS - SHOWING WASTE PIPING	E4.1 PARTIAL FLOOR PLAN- AUXILIARY
		A5.2	WALL SECTIONS	P-3	PLBG. FLOOR PLANS - SHOWING PRESSURE PIPING	E4.2 PARTIAL FLOOR PLAN- AUDIO VISUAL
STRUCTURAL		A5.3	WALL SECTIONS			E5.1 LIGHTING SCHEDULE, DETAILS, AND NOTES
S0.1	GENERAL NOTES AND SCHEDULES TYPICAL SECTIONS	A5.4	WALL SECTIONS			E5.2 PANEL BOARD SCHEDULE, DETAILS, AND NOTES
S0.2	TYPICAL SECTIONS	A5.5	WALL SECTIONS	MECHANICAL		E6.1 FIRE ALARM RISER, DETAILS, AND NOTES
S0.3	SPECIAL INSPECTION SCHEDULE	A5.6	WALL SECTIONS	M1	HAVC FLOOR PLAN AND DEMOLITION PLAN	E6.2 COMMUNICATION RISER, DETAILS, AND NOTES
S1.1	RENOVATION FOUNDATION PLAN	A5.7	WALL SECTIONS	M2	SECTIONS	E7.1 POWER RISER, DETAILS, AND NOTES
S1.2	MID-LEVEL ENTRANCE, MEZZ., & STORAGE FRM. PLANS	A6.1	MISCELLANEOUS DETAILS	M3	HVAC SCHEDULES	
S1.3	ENTRANCE ROOF AND RENOVATION CEILING FRM. PLAN	A10.1	TYPICAL DETAILS	M4	HVAC DETAILS	
S3.1	SECTIONS			M5	HVAC DETAILS	
S3.2	SECTIONS			M6	HVAC DETAILS	

Goshen High School 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 (334) 834-9933



SHEET TITLE : TITLE SHEET

MCKEE JOB #: 20.119

DRAWN BY: RT

DATE: 10/10/25

REVISSED DATE:

REVISÉD DATE:

REVISÉD DATE:

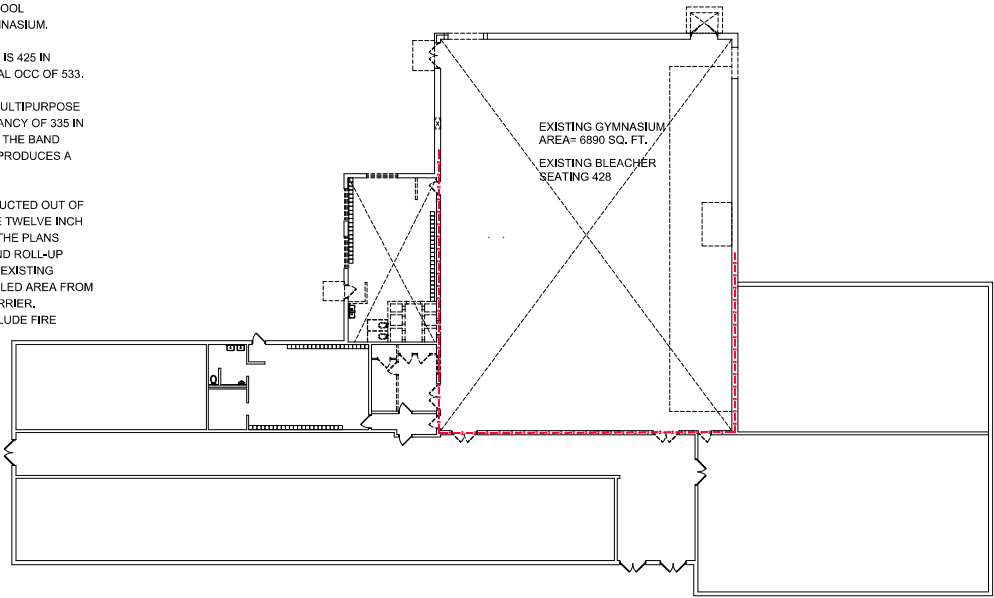
SHEET NO. : **G0.1**

CODE REVIEW
XXX CODE: 2021 INTERNATIONAL BUILDING CODE FOR REMODEL AREA (FIRE AREA "A") 2021 INTERNATIONAL EXISTING BUILDING CODE FOR EXISTING BUILDING AREA OUTSIDE CONTRACT AREA (FIRE AREA "B") OCCUPANCY TYPE: GROUP "E" (NO CHANGE IN OCCUPANCY TYPE FROM EXISTING) SPRINKLERED: YES FOR FIRE AREA "A" NUMBER OF STORES: 1 CONSTRUCTION TYPE: TYPE II-B TYPE II-B: REQUIRES THE FOLLOWING FIRE RESISTANCE (TABLE 501): STRUCTURAL FRAME: 0 HOUR EXTERIOR BEARING WALLS: 0 HOUR INTERIOR BEARING WALLS: 0 HOUR EXTERIOR NONBEARING WALLS: 0 HOUR INTERIOR NONBEARING WALLS: 0 HOUR FLOOR CONSTRUCTION: 0 HOUR ROOF CONSTRUCTION: OTHER REQUIREMENTS: FIRE BARRIER RATING (TABLE 707.3.10): 2HR OCCUPANCY SEPARATION (TABLE 506.4): 0 INCIDENTAL USE AREAS (TABLE 509): NA CORRIDORS (TABLE 1020.1): CORRIDORS SERVING MORE THAN 30 OCCUPANTS IN SPRINKLERED "E" OCCUPANCY SHALL HAVE A 0 HOUR WALL. STAIRS & SHAFT ENCLOSURES (707 & TABLE 707.3.10 NOT LESS THAN 508.4) IF APPLICABLE: NA SINGLE OCCUPANCY FIRE BARRIERS (TABLE 707.3.10): 0 EXIT ACCESS TRAVEL DISTANCE IS 200 FEET FOR SPRINKLERED FIRE AREA "A", 250 FEET FOR EXISTING NON-SPRINKLERED EXISTING FIRE AREA "B" (TABLE 1017.2)
EXIT CALCULATIONS
TOTAL EXISTING BUILDING AREA: 23,633 SQ. FT. OCCUPANCY TYPE - GROUP "E" BUILDING TYPE: II-B ALLOWABLE SF: 14,500 SQ FT (TABLE 506.2) ACTUAL SF: 23,633 SQ FT ALLOWABLE HEIGHT (TABLE 504.3) ALLOWABLE # OF STORES (TABLE 504.4) ALLOWABLE HEIGHT: 55 FT ALLOWABLE NO. OF STORES: 2 ACTUAL BUILDING HEIGHT: 20 FT ACTUAL NO. OF STORES: 1 BUILDING AREA MODIFICATION (506.3) FRONTAGE INCREASE (506.3.3) CALCULATIONS: $I = (F/P) \times 25$ W/ 30 I (AREA INCREASE DUE TO FRONTAGE): 75 W (WIDTH OF PUBLIC WAY OR OPEN SPACE) = 30 F (BUILDING PERIMETER THAT FRONTS PUBLIC WAY OR OPEN SPACE) = 898 P (PERIMETER OF ENTIRE BUILDING) = 898 $75 = (898 / 898) \times 25$ 75 $1.75 \times 14,500 = 25,375$ SF ALLOWABLE AREA W/ FRONTAGE INCREASE: 25,375 SF OCCUPANT LOAD OCCUPANT LOAD TOTAL (1004 & TABLE 1004.1.2) TOTAL EXISTING OCC LOAD 997 PERSONS FIRE AREA "A" EXISTING (425 IN BLEACHERS + 108 ON FLOOR = 533) FIRE AREA "A" REMODELED USE 335 IN AUDITORIUM 67 IN BAND ROOM TOTAL REMODELED AREA 402 FIRE AREA "A" OCCUPANT LOAD REDUCED BY 134 EXIT REQUIREMENTS EXIT ACCESS (TABLE 1006.2.1 & TABLE 1006.3.1) NO. OF EXITS REQUIRED: 2 NO. OF EXITS FURNISHED: 2 MEANS OF EGRESS WIDTH (1005.3) SEE PLAN FOR EXIT WIDTHS MINIMUM CORRIDOR WIDTH (TABLE 1020.2) XXX
PLUMBING CALCULATIONS
PLUMBING REQUIREMENTS CONTRACT AREA OCCUPANT LOAD TOTAL = 402 PERSONS AUDITORIUM AREA 335 OCC BAND ROOM AND AUDITORIUM SUPPORT AREA 69 OCC TOILETS (TABLE 2902.1) AUDITORIUM MENS (1 PER 125 OCC.) (168 OCC.): 2R WOMENS (1 PER 65 OCC.) (168 OCC.): 3R BAND ROOM AND AUDITORIUM SUPPORT AREA 69 MENS (1 PER 50 OCC.) (35 OCC.): 2R WOMENS (1 PER 50 OCC.) (35 OCC.): 2R TOTAL REQUIRED MEN 4 TOTAL REQUIRED WOMEN 5 TOTAL PROVIDED MEN 3 TOILETS 3 URINALS TOTAL PROVIDED WOMEN 6 LAVATORIES (TABLE 2902.1) AUDITORIUM MENS (1 PER 200 OCC.) (168 OCC.): 2R WOMENS (1 PER 200 OCC.) (168 OCC.): 2R BAND ROOM AND AUDITORIUM SUPPORT AREA 69 MENS (1 PER 50 OCC.) (35 OCC.): 1R WOMENS (1 PER 50 OCC.) (35 OCC.): 1R TOTAL PROVIDED MEN 6 TOTAL PROVIDED WOMEN 6 DRINKING FOUNTAINS (TABLE 2902.1) AUDITORIUM (1 PER 500 OCC.) (335 OCC.): 1R BAND ROOM AND AUDITORIUM SUPPORT AREA (1 PER 500 OCC.) (70 OCC.): 1R TOTAL PROVIDED 4 SERVICE SINK (TABLE 2902.1): 1R PLUMBING PROVIDED TOTAL TOILETS (TABLE 2902.1) MENS - 3 TOILETS 3 URINALS PROVIDED WOMENS - 6 TOILETS PROVIDED LAVATORIES (TABLE 2902.1) MENS - 6 PROVIDED WOMENS - 6 PROVIDED DRINKING FOUNTAINS (TABLE 2902.1) 4 PROVIDED SERVICE SINK (TABLE 2902.1): 1 PROVIDED

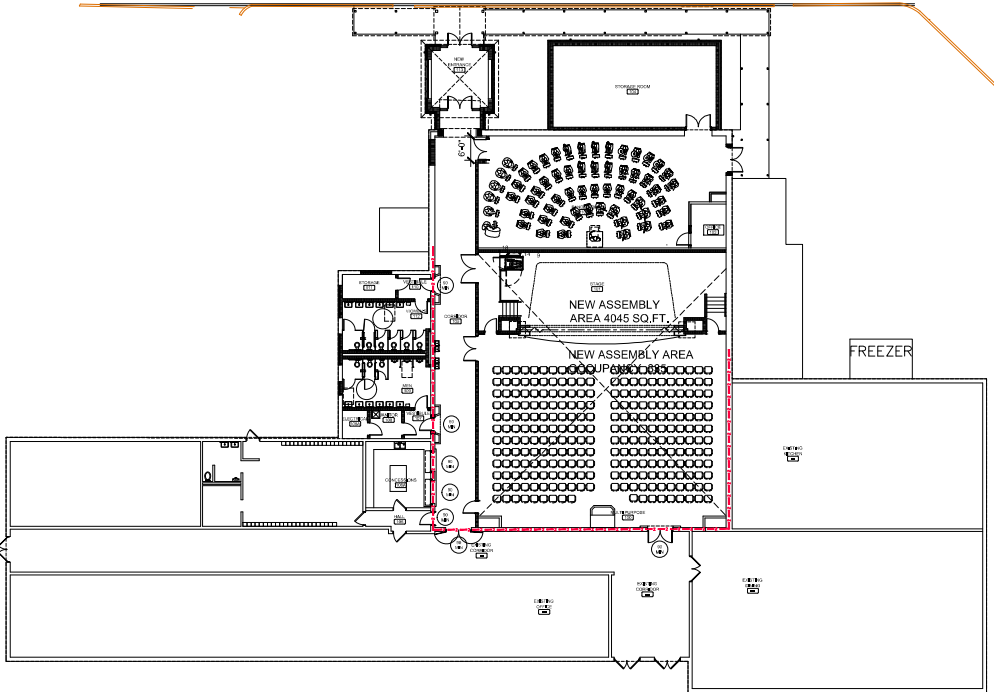
CODE REVIEW BUILDING USE DESCRIPTION:
THE EXISTING BUILDING SERVES AS A HIGH SCHOOL CLASSROOM BUILDING WITH AN ATTACHED GYMNASIUM. THE EXISTING OCCUPANCY IS 907 TOTAL. THE EXISTING OCCUPANCY OF THE GYMNASIUM IS 425 IN BLEACHERS AND 108 ON THE FLOOR FOR A TOTAL OCC OF 533.

THE RENOVATION OF THE GYMNASIUM INTO A MULTIPURPOSE SPACE AND BAND ROOM PRODUCES AN OCCUPANCY OF 335 IN CHAIRS IN THE MULTIPURPOSE ROOM AND 67 IN THE BAND ROOM FOR A TOTAL OCC OF 402. THIS CHANGE PRODUCES A REDUCTION IN OCCUPANCY LOAD.

THE EXISTING GYMNASIUM WALLS ARE CONSTRUCTED OUT OF TWELVE INCH CONCRETE MASONRY UNITS. THE TWELVE INCH CMU PROVIDES A TWO HOUR CONSTRUCTION. THE PLANS INDICATE PROVIDING NEW 90 MINUTE DOORS AND ROLL-UP GRILLS. THE CODE PLAN INDICATES USING THE EXISTING GYMNASIUM WALLS TO SEPARATE THE REMODELED AREA FROM THE EXISTING AREA WITH A TWO HOUR FIRE BARRIER. ADDITIONALLY THE REMODELED AREA WILL INCLUDE FIRE SPRINKLERS AND A FIRE ALARM SYSTEM.



 **EXISTING CODE PLAN**
SCALE: 1/16" = 1'-0"



 **CODE PLAN**
SCALE: 1/16" = 1'-0"

CODE LEGEND	
SYMBOL	DESCRIPTION
	ONE HOUR FIRE RATED PARTITION ULF-XXX - SEE SECTION XXX.X
	TWO HOUR FIRE BARRIER
	PRIMARY BUILDING EXIT
	TRAVEL DISTANCE NEAREST TO EXIT
	HANDICAP ACCESSIBLE
	FIRE EXTINGUISHER LOCATION (SEE DETAIL AX.X)
	FIRE SEPERATION DISTANCE
	EXIT WIDTH REQUIRED
	EXIT WIDTH PROVIDED
	ACTUAL OCCUPANT LOAD SERVED
	RATED DOOR ASSEMBLY

Goshen High School Arts Center Renovation

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 (334) 834-5933



SHEET TITLE : CODE PLAN

MCKEE JOB # : 20.119

DRAWN BY : RT

DATE: 10/10/25

REVISED DATE:

REVISED DATE:

REVISED DATE:

SHEET NO. : **G1.1**