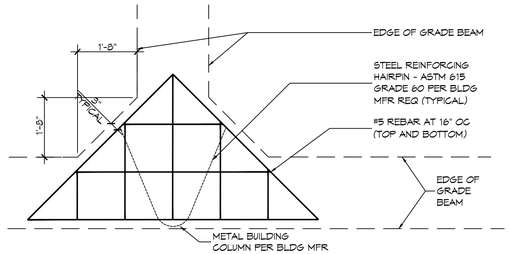
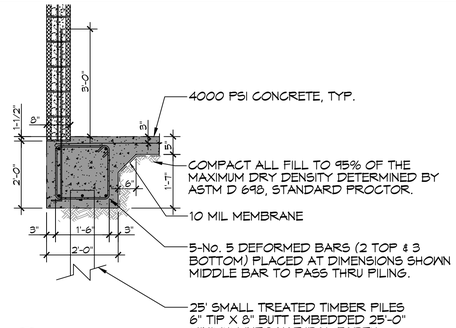


3 DETAIL
S101 | S101
SCALE: 1/2"= 1'-0"



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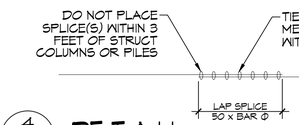

4 DETAIL
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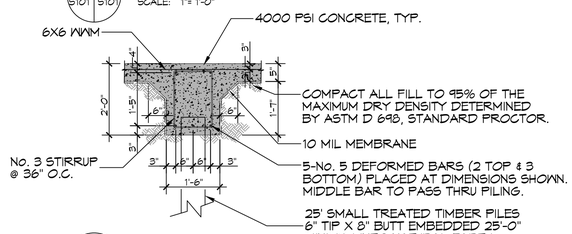

B SECTION
S101 | S101
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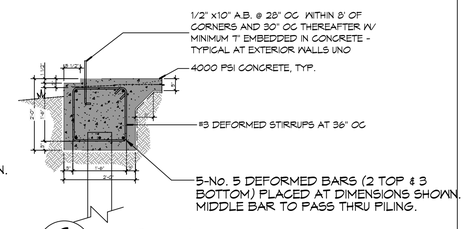


C SECTION
S101 | S101
SCALE: 1/2"= 1'-0"

PILING NOTES

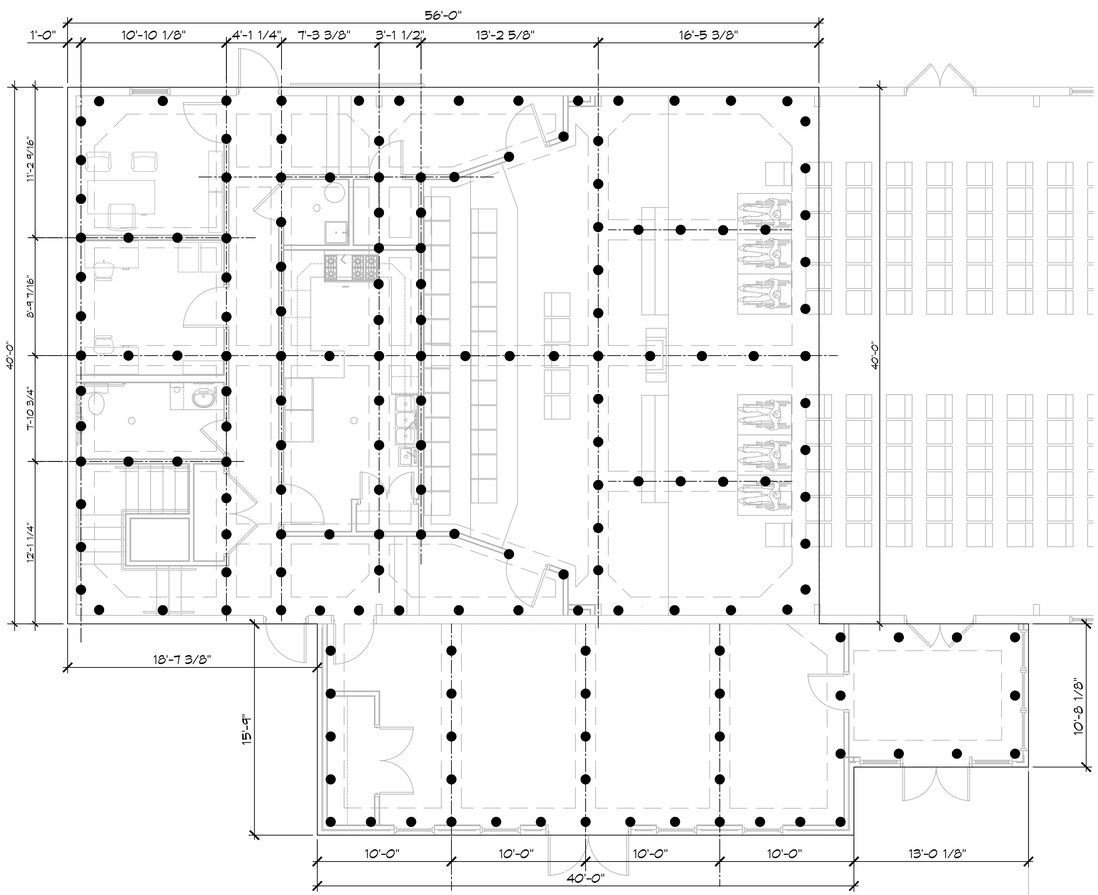
1. ALL PILINGS SHALL BE CLASS 5 PRESSURE TREATED, 6 INCH TIP AND 8" BUTT 30 FOOT IN LENGTH.
2. ALL PILINGS SHALL BE DRIVEN TO REFUSAL.
3. CONTRACTOR SHALL DRIVE TEST PILE.
4. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
5. A PILE BLOW COUNT LOG OF ALL PILES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY AFTER 5 DAYS OF INSTALLING.

GENERAL SITEPREP NOTES

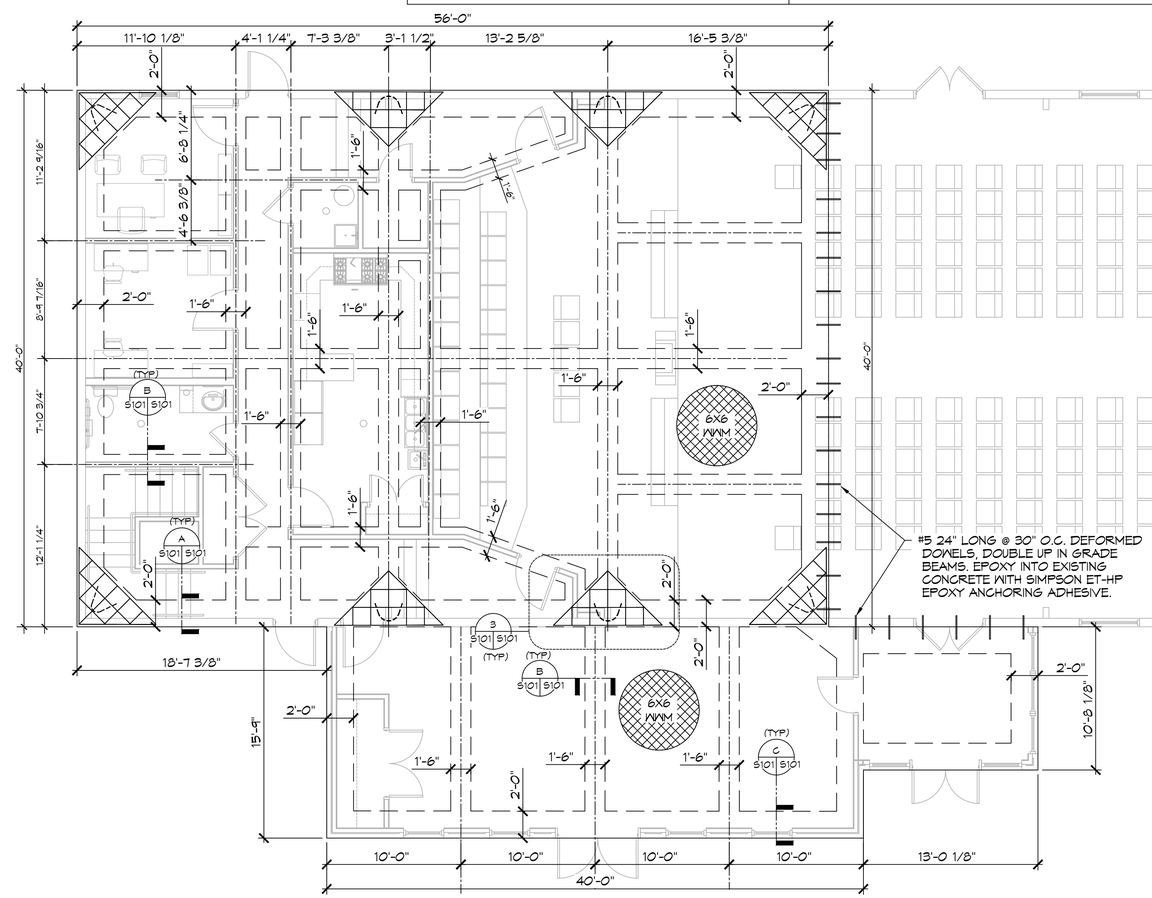
1. THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER TIRED VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

GENERAL FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
3. ONE LAYER OF POLYETHELENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL. STRENGTH; ASTM E1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHEILD-E 15 MIL. BY EPRO OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
4. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
5. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
7. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
8. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
9. A MINIMUM OF 5" CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
10. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
11. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
12. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
13. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
14. TREAT SOIL BELOW SLAB FOR TERMITES.



1 PILING PLAN
SCALE: 3/16" = 1'-0"



2 FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

THE SIXTH BAPTIST CHURCH RENOVATION AND ADDITION
2210 FELICITY STREET
NEW ORLEANS LA 70130

JOB No: 24-110
DATE: 02-06-2025
DRAWN BY: CKD
CHECKED BY: BAK

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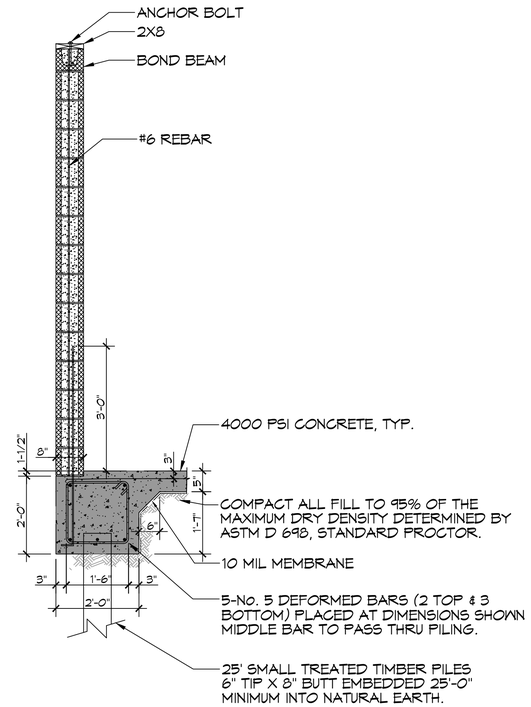
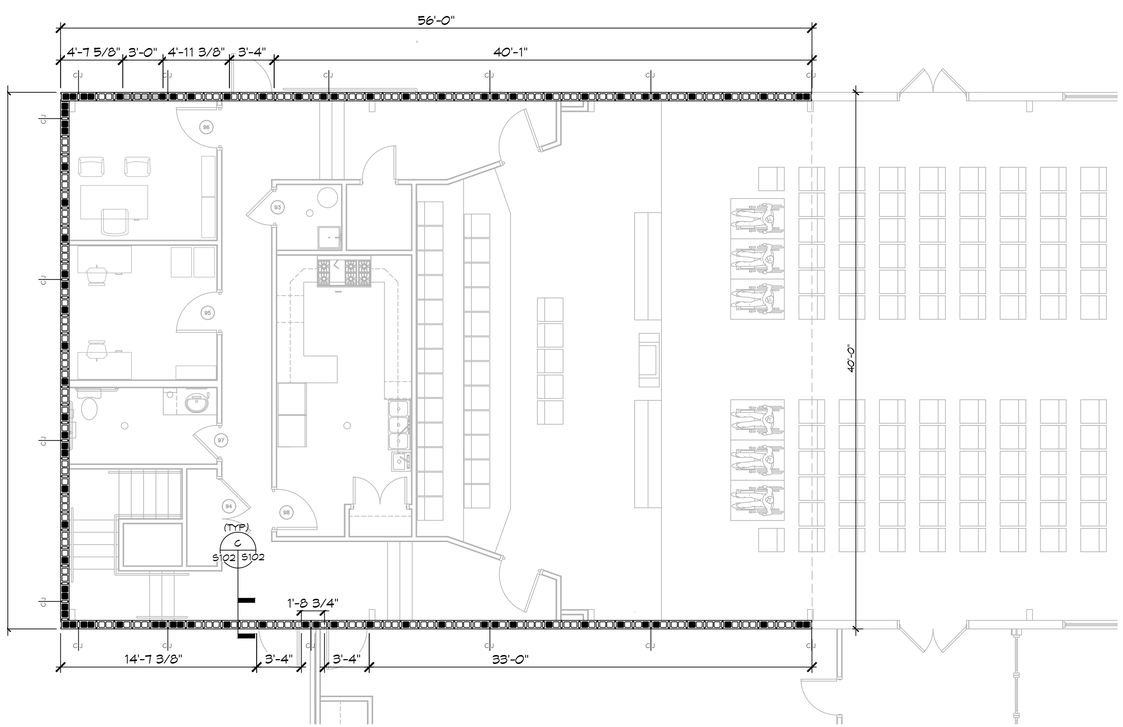
SHEET TITLE:
PILING AND FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 6 of 10



C SECTION
S102 S102 SCALE: 1"= 1'-0"



5 CMU PLAN
SCALE: 3/16" = 1'-0"

LEGEND

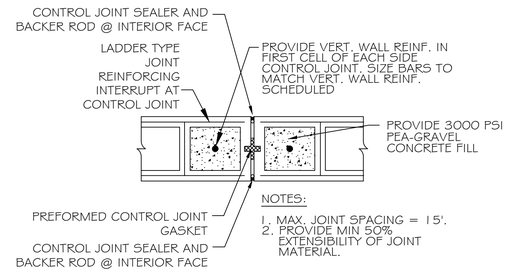
INDICATES CONTINUOUS NO. 5 VERTICAL REINF. W/ 3000 PSI CONCRETE FILL.

CJ INDICATES MASONRY CONTROL JOINT. SEE DETAIL THIS SHEET

CMU LINTEL SCHEDULE

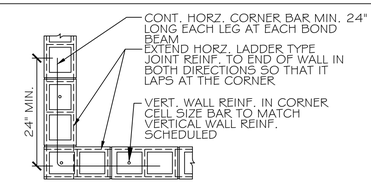
WIDTH (W)	CLEAR SPAN	DEPTH (D)	HORZ. REINF.
8" TYP AT ALL CMU WALLS	UP TO 3'-4"	8"	(1) #6 BOTTOM
	UP TO 6'-4"	16"	(1) #6 T&B
	UP TO 14'-0"	24"	(2) #6 T&B

PROVIDE 3000 PSI PEA-GRAVEL CONCRETE FILL FOR ALL LINTELS.

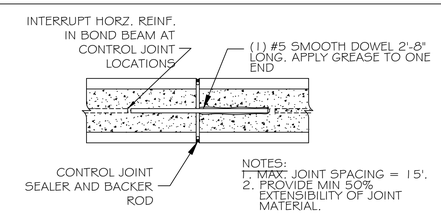


NOTES:
1. MAX. JOINT SPACING = 15'.
2. PROVIDE MIN 50% EXTENSIBILITY OF JOINT MATERIAL.

TYPICAL MASONRY CONTROL JOINT
SCALE: N.T.S.

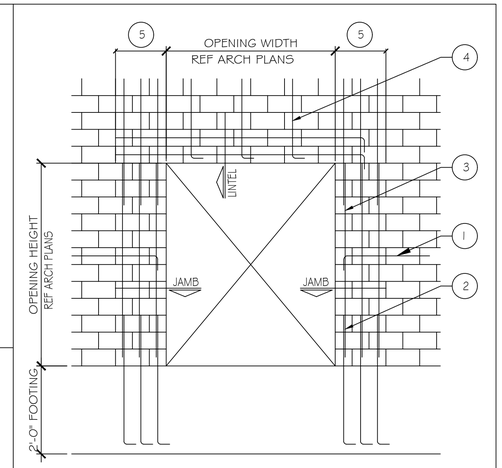


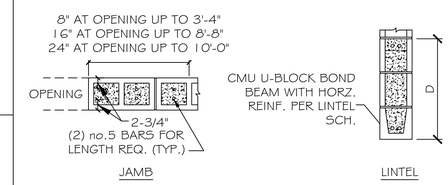
TYPICAL REINF. @ CORNER OF MASONRY
SCALE: N.T.S.



NOTES:
1. MAX. JOINT SPACING = 15'.
2. PROVIDE MIN 50% EXTENSIBILITY OF JOINT MATERIAL.

CONTROL JOINT @ BOND BEAM
SCALE: N.T.S.





NOTES: (#)
1. WHERE HORIZ. REINFORCEMENT IS INTERRUPTED BY OPENING OR CONTROL JOINT PROVIDE STANDARD ACI HOOK WITH VERT. WALL REINF. AT END CELL.
2. SPLICES IN VERT. REINF. REF. WALL SECTIONS S-3.
3. ALL VERT. BARS AT DOOR JAMBS TO BE FULL HEIGHT.
4. CONTINUE VERT. WALL REINF. OVER OPENING. ANCHOR VERT. REINF. INTO LINTEL BEAM WITH STANDARD ACI HOOK.
5. EXTEND LINTEL A MIN. 2'-0" BEYOND FACE OF OPENING EACH SIDE FOR STRAIGHT LINTEL REINF. AND 1'-0" FOR LINTEL REINF. WITH STANDARD ACI HOOK.

TYPICAL MASONRY WALL OPENING DIAGRAM
SCALE: N.T.S.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832 F: 985.641.5950
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

THE SIXTH BAPTIST CHURCH
ADDITION
429 FELICITY STREET
NEW ORLEANS LA 70130

JOB No: 2410 | DATE: 02-06-2023
DRAWN BY: CKD | CHECKED BY: BAM

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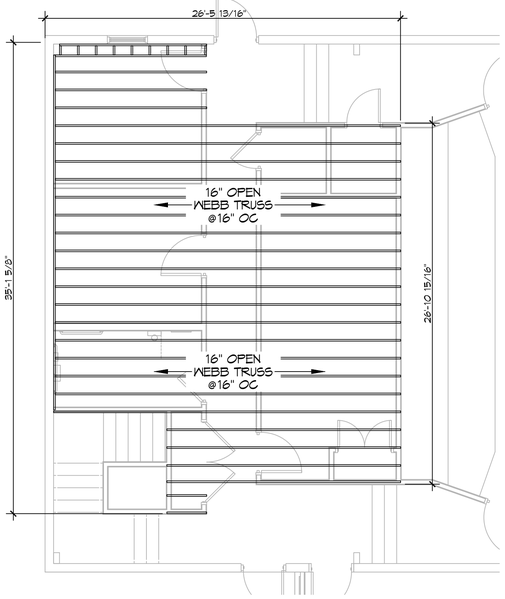
SHEET TITLE:
CMU PLAN

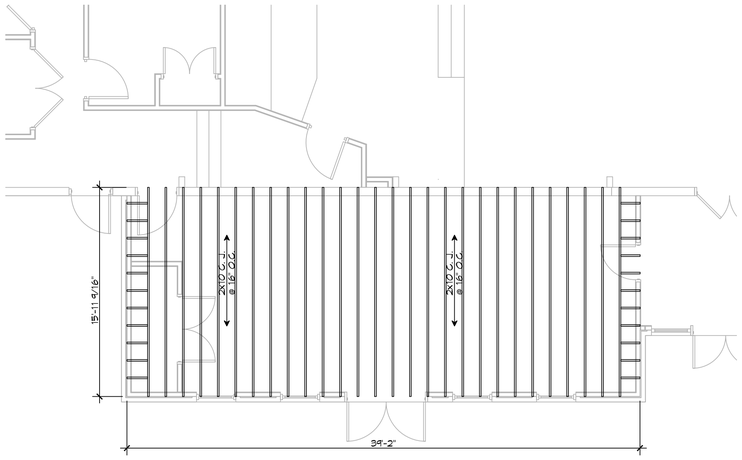
DRAWING NUMBER:
S102

SHEET No: 6 of 10



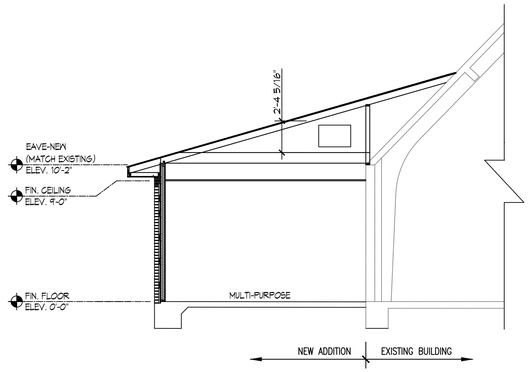
18 S102 A101 **FLOOR FRAMING PLAN**

SCALE: 3/16" = 1'-0" FIRST FLOOR



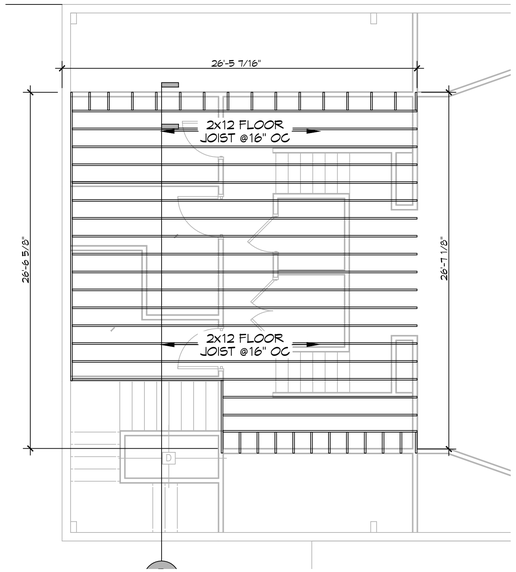
18 S102 A101 **CEILING JOIST FRAMING PLAN**

SCALE: 3/16" = 1'-0" VESTIBULE



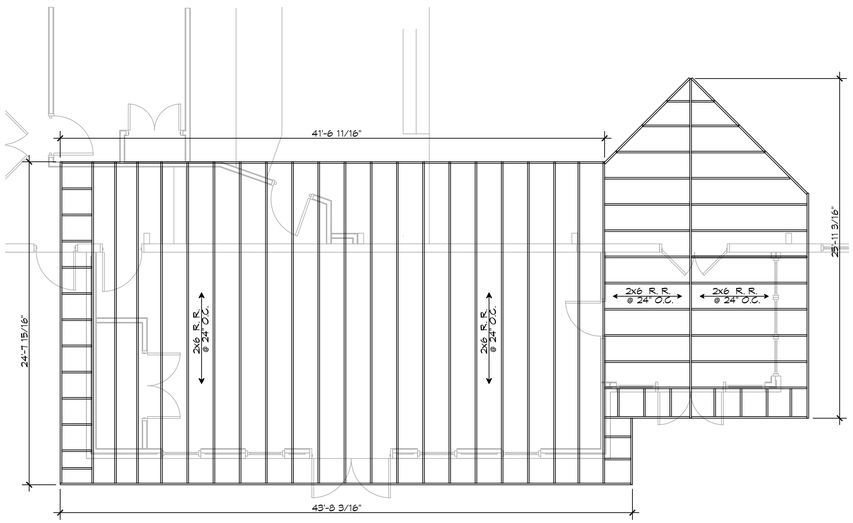
18 S102 A101 **SECTION**

SCALE: 3/16" = 1'-0" VESTIBULE



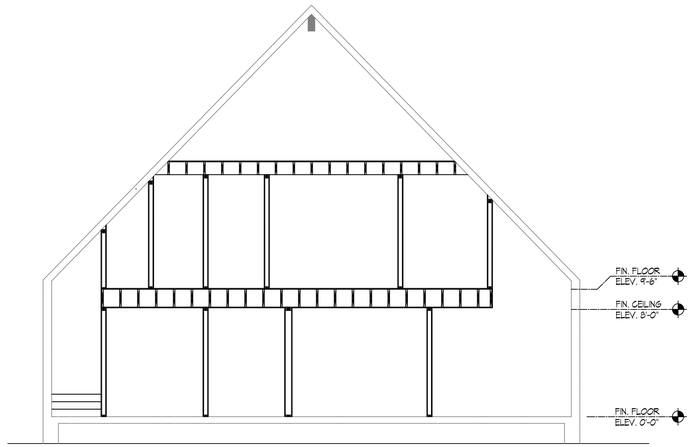
18 S102 A101 **FLOOR FRAMING PLAN**

SCALE: 3/16" = 1'-0" SECOND FLOOR



18 S102 A101 **ROOF FRAMING PLAN**

SCALE: 3/16" = 1'-0" VESTIBULE



18 S102 A101 **SECTION**

SCALE: 3/16" = 1'-0" REAR OF BLDG

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
Info@dammonengineering.com
PH: 985.649.5832 F: 985.641.9950
Chief Engineer: Brian Mistich, PE
554 Old Spanish Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

THE SIXTH BAPTIST CHURCH
BENEVOLENCE AND
ADDITION

429 FELICITY STREET
NEW ORLEANS, LA 70130

JOB No:	2470	DATE:	02-09-2023
DRAWN BY:	GKD	CHECKED BY:	BAX

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SHEET TITLE:
BUILDING SECTION

DRAWING NUMBER:
S103

SHEET No: 7 of 10