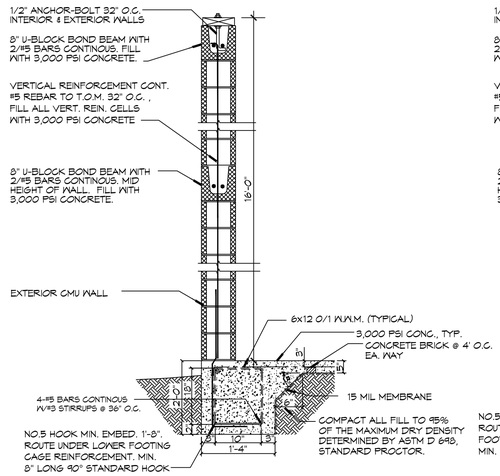
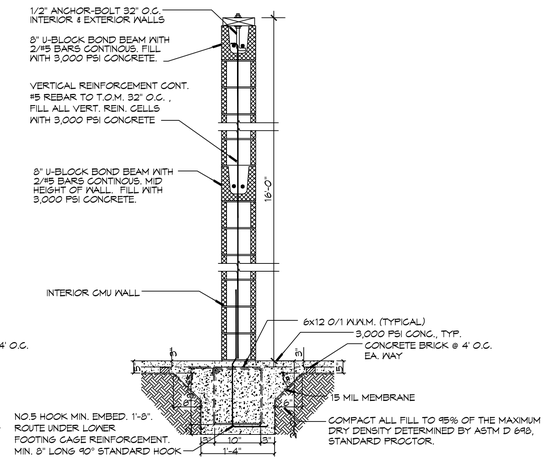
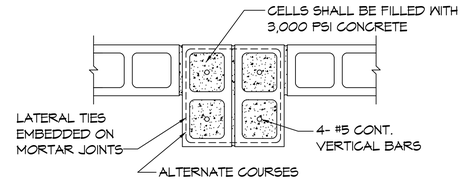


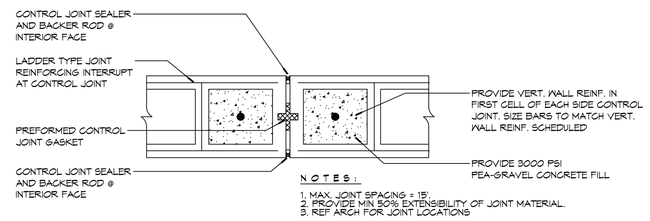
A S100 | S100 FOUNDATION SECTION
SCALE: 1/8" = 1'-0"
Perimeter Grade Beam



B S100 | S100 FOUNDATION SECTION
SCALE: 1/8" = 1'-0"
Interior Grade Beam

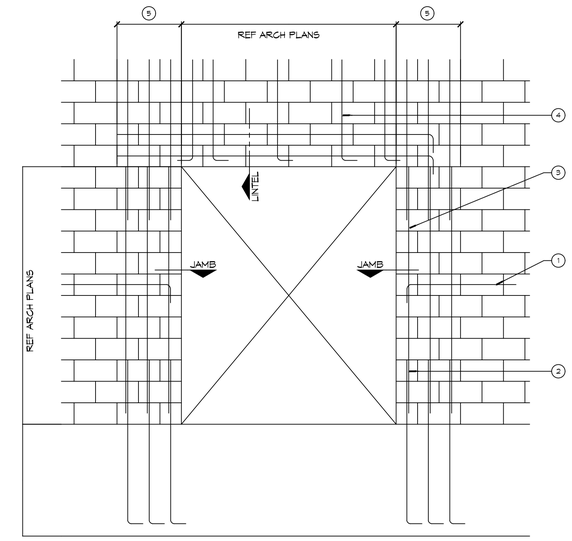


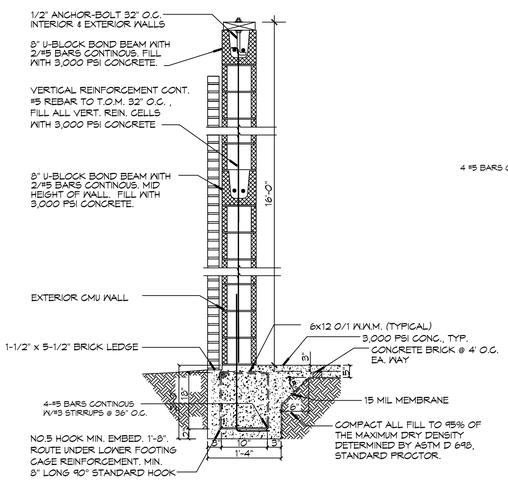
DETAIL
SCALE: NTS
TYPICAL PILASTER



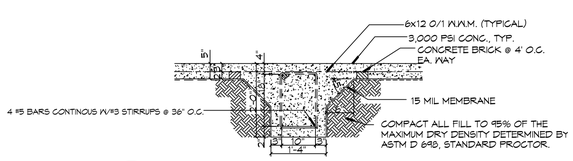
NOTES:
1. MAX. JOINT SPACING = 15'.
2. PROVIDE MIN 50% EXTENSIBILITY OF JOINT MATERIAL.
3. REF ARCH FOR JOINT LOCATIONS

DETAIL
SCALE: NTS
Typical Expansion Joint

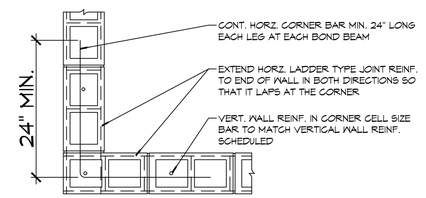




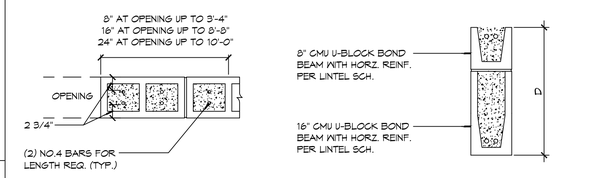
C S100 | S100 FOUNDATION SECTION
SCALE: NTS
Perimeter Grade Beam



D S100 | S100 FOUNDATION SECTION
SCALE: NTS
Interior Grade Beam



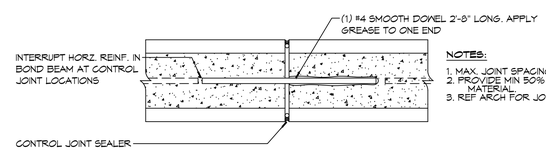
DETAIL
SCALE: NTS
Typical Reinforcing at Corner



JAMB
LINTEL

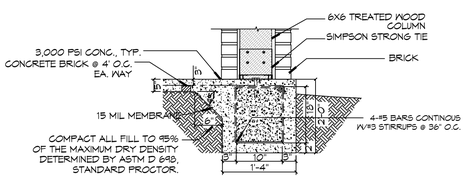
NOTES: (*)
1. WHERE HORIZ. REINFORCEMENT IS INTERRUPTED BY OPENING OR CONTROL JOINT PROVIDE STANDARD ACI HOOK WITH VERT. WALL REINF. AT END CELL.
2. SPLICES IN VERT. REINF. REF. WALL SECTIONS S-1.
3. ALL VERT. BARS AT DOOR JAMBS TO BE FULL HEIGHT.
4. CONTINUE VERT. WALL REINF. OVER OPENING. ANCHOR VERT. 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.

DETAIL
SCALE: NTS
Typical Masonry Wall Opening Diagram



NOTES:
1. MAX. JOINT SPACING = 15'.
2. PROVIDE MIN 50% EXTENSIBILITY OF JOINT MATERIAL.
3. REF ARCH FOR JOINT LOCATIONS

DETAIL
SCALE: NTS
Control Joint at Bond Beam



E S100 | S100 FOUNDATION SECTION
SCALE: NTS
Porch Grade Beam

F S100 | S100 DETAILS
SCALE: NTS
Typical Masonry Details

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
	UP TO 16'-0"	24"	(3) #6 T&B

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

LEGEND

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

C/J INDICATES MASONRY CONTROL JOINT. SEE DETAIL THIS SHEET

FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
3. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER CONCRETE FOUNDATION. VAPOR RETARDER TO BE 15 MIL STRENGTH; ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP, ECOSHIELD-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, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
6. GRADE BEAM SIZES MAY VARY BY -5%, +20%.
7. ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
8. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
9. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
10. 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 OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
11. TREAT SOIL BELOW SLAB FOR TERMITES.

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Highway 190 East
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

GARAGE PLAN
BORCHERT GARAGE PLAN
2143 BAYOU LANE
SLIDELL, LA. 70458

JOB No:	
DATE:	11-18-2024
DRAWN BY:	CKD
CHECKED BY:	CKD

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SHEET TITLE:
FOUNDATION DETAILS AND WALL DETAILS

DRAWING NUMBER:
S102

SHEET No: 3 of 8