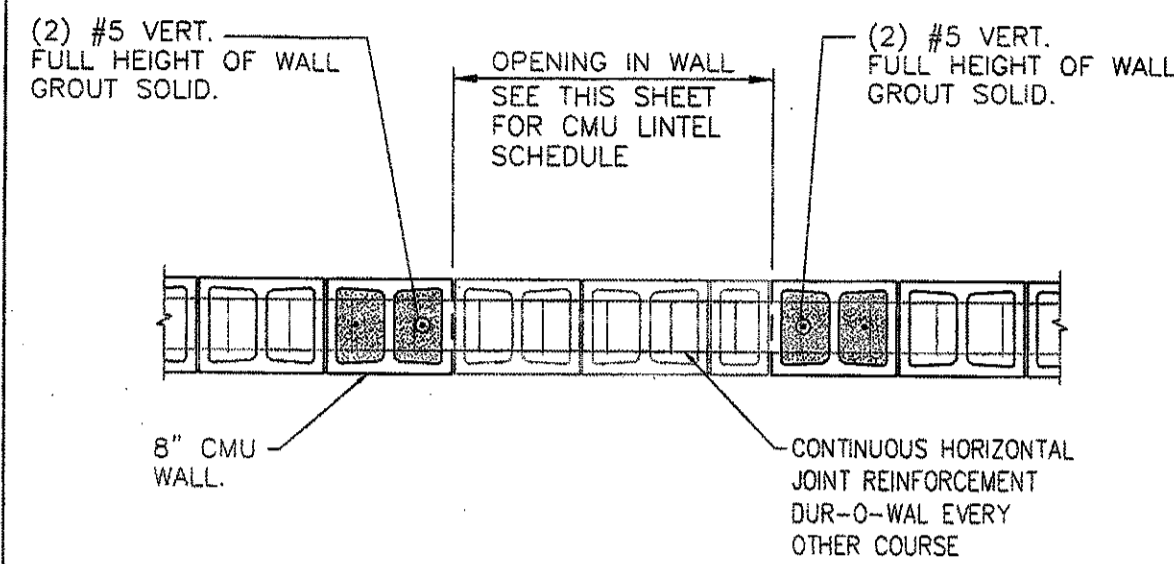


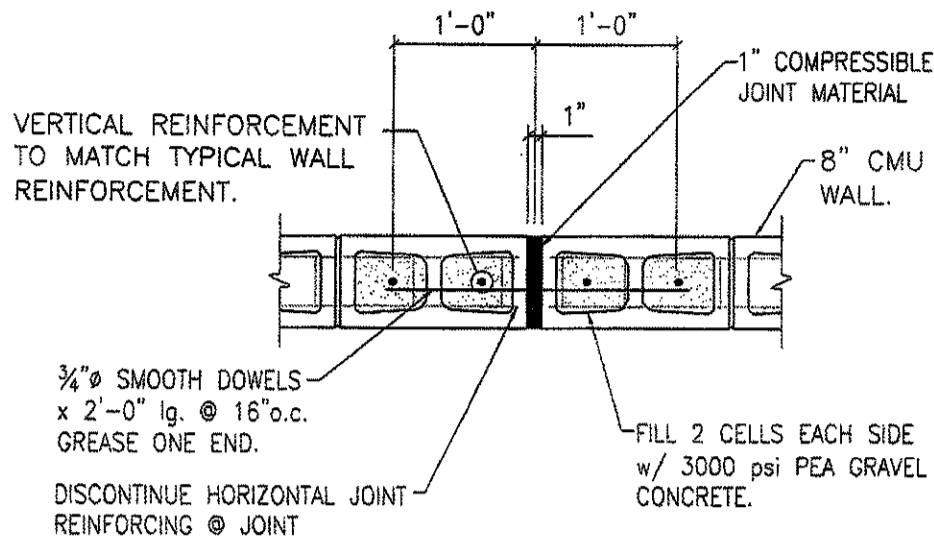
REINFORCEMENT SCHEDULE FOR CMU WALLS

TYPICAL FOR ALL CMU WALLS, UNLESS INDICATED OR SHOWN OTHERWISE:

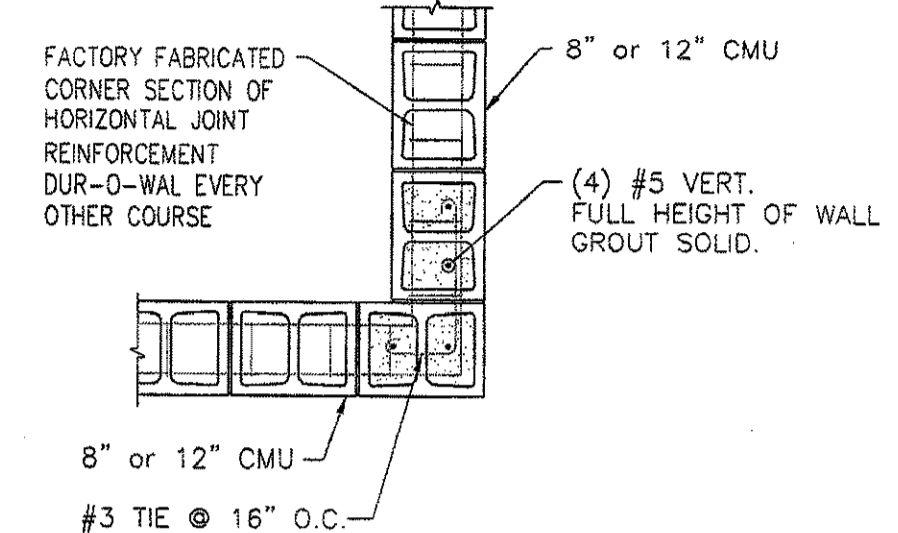
- A. EXTERIOR BEARING WALLS:
 1. PROVIDE (2) #5 VERTICAL BARS FULL HEIGHT OF WALL AT ENDS OF WALLS. PROVIDE #3 HORIZONTAL TIES BETWEEN VERTICAL BARS AT 16" O.C.
 2. PROVIDE 16" TIE COLUMN AT ALL CORNERS AND INTERSECTIONS OF WALLS WITH (4) #5 VERTICAL BARS FULL HEIGHT OF WALL. PROVIDE #3 HORIZONTAL TIES BETWEEN VERTICAL BARS SPACED AT 16" O.C.
- B. PROVIDE REINFORCING BAR POSITIONERS TO PLACE VERTICAL REINFORCEMENT BARS IN THE CENTER OF ALL CMU WALLS UNLESS INDICATED OR SHOWN OTHERWISE ON THE DRAWINGS.
- C. PROVIDE LADDER TYPE, 9 GA. (W1.7) SIDE AND CROSS RODS, CONTINUOUS GALVANIZED HORIZONTAL JOINT REINFORCEMENT SPACED AT 16" O.C. FOR FULL HEIGHT OF ALL WALLS. PLACE FIRST RUN OF HORIZONTAL REINFORCEMENT ON TOP OF FIRST COURSE OF CMU ABOVE TOP OF FOUNDATIONS. PROVIDE CONTINUITY OF HORIZONTAL REINFORCEMENT AT CORNERS AND WALL INTERSECTIONS BY USING PREFABRICATED "L" AND "T" SECTIONS.
- D. GROUT ALL REINFORCEMENT SOLID IN CMU WITH GROUT MIX AS DEFINED IN THE GENERAL STRUCTURAL NOTES ON SHEET 50.
- E. 16" AND DEEPER BOND BEAMS AND LINTELS MAY BE CONSTRUCTED WITH STANDARD 12" LINTEL BLOCKS FOR THE BOTTOM COURSE AND 12" OPEN END COURSES FOR COURSES ABOVE THE LINTEL COURSE.
- F. MAKE ALL HORIZONTAL BARS IN BOND BEAMS CONTINUOUS AROUND CORNERS BY THE USE OF CORNER BARS FOR EACH BAR IN BOND BEAMS. CORNER BARS TO LAP MINIMUM OF 48 BAR DIAMETERS WITH BOND BEAM BARS.
- G. SEE THE CMU LINTEL SCHEDULE ON THIS SHEET FOR CMU LINTEL SIZES AND REINFORCEMENT FOR WALL OPENINGS.
- H. LAP SPLICES FOR ALL REINFORCEMENT IN CMU WALLS SHALL BE A MINIMUM OF 48 BAR DIAMETERS.
- I. PROVIDE VERTICAL DOWELS FOR ALL CMU WALL VERTICAL REINFORCING BARS TO FOUNDATIONS. DOWEL BARS TO MATCH SIZE OF CMU WALL VERTICAL BARS AND TO BE LAPPED A MINIMUM OF 48 BAR DIAMETERS.
- J. SEE DRAWINGS AND STRUCTURAL GENERAL NOTES FOR OTHER CMU WALL REINFORCEMENT REQUIREMENTS.



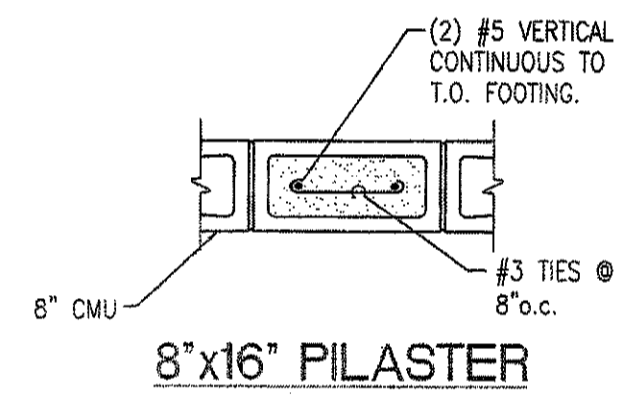
TYP. CMU OPENING DETAIL
SCALE: N.T.S.



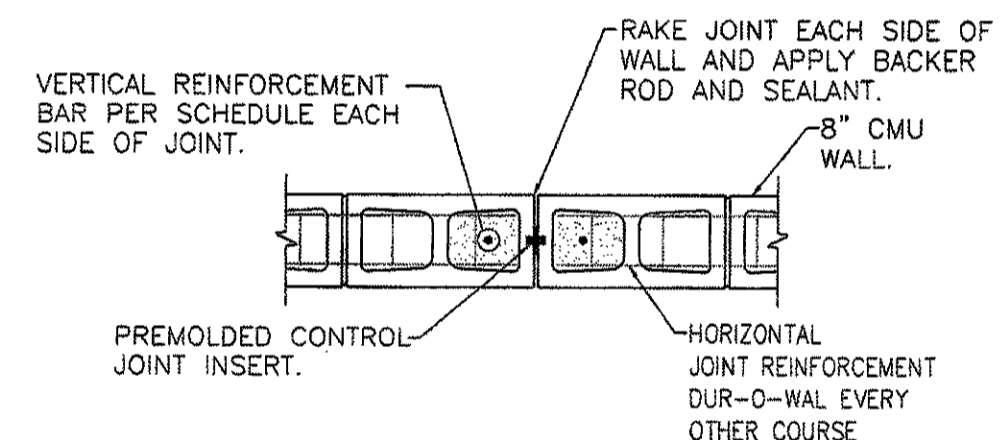
TYP. CMU EXPANSION JOINT DETAIL
SCALE: N.T.S.



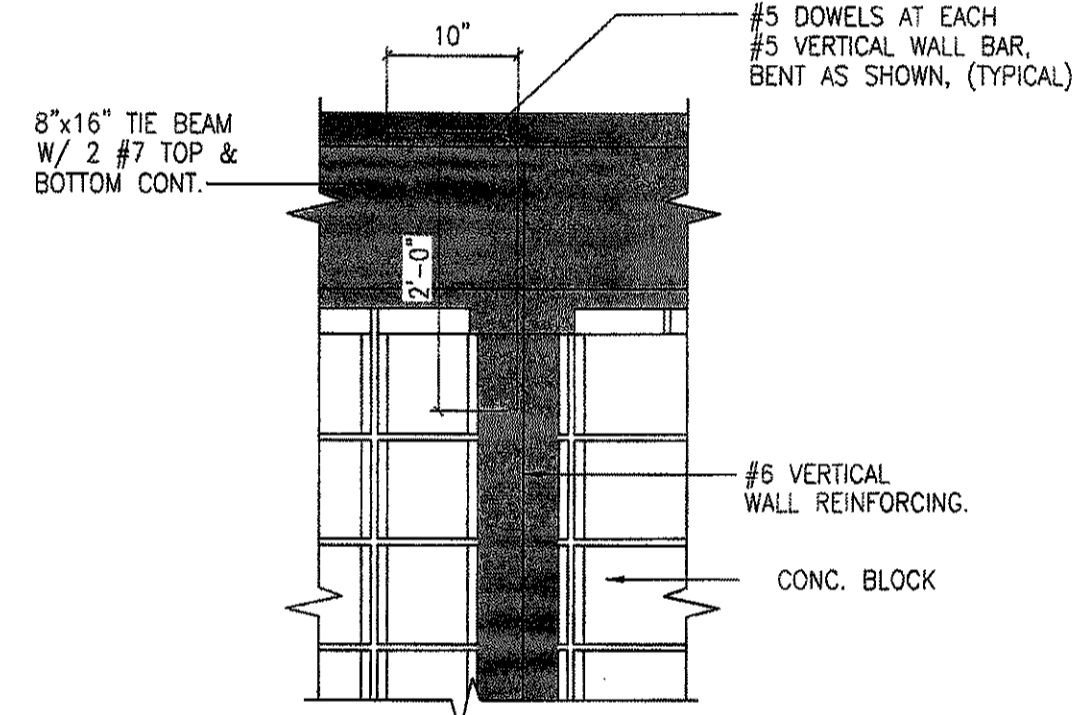
TYP. CMU CORNER DETAIL
SCALE: N.T.S.



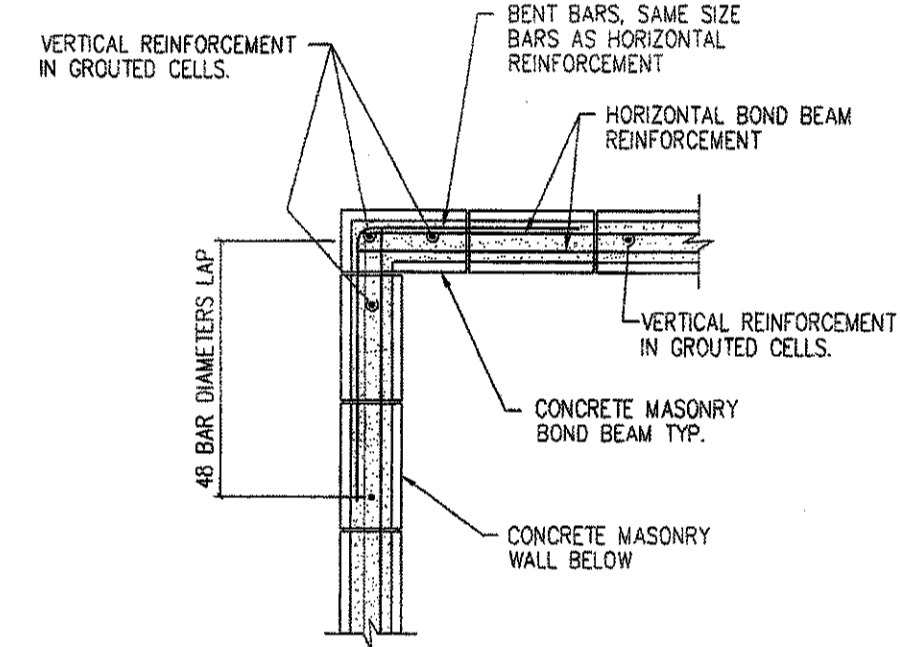
TYP. PILASTER DETAIL BELOW BEAMS/GIRDERS
SCALE: N.T.S.



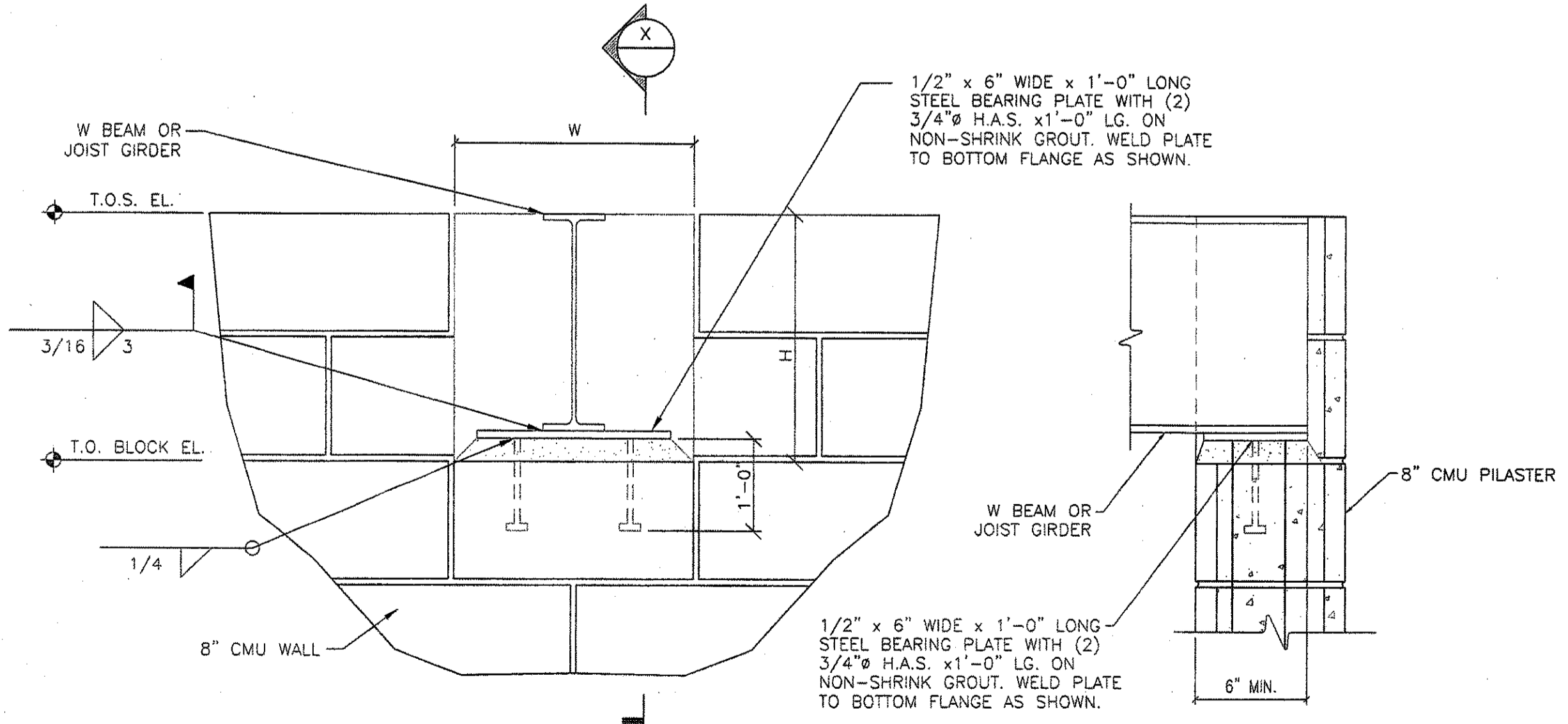
TYP. CMU CONTROL JOINT DETAIL
SCALE: N.T.S.



TOP OF FILLED CELL DETAIL
SCALE: 3/4"=1'-0"



PLAN SHOWING BOND BEAM REINFORCEMENT AT WALL CORNER
SCALE: N.T.S.



ELEVATION
SECTION X-X
TYPICAL BEAM POCKET DETAIL
SCALE: 1 1/2"=1'-0"

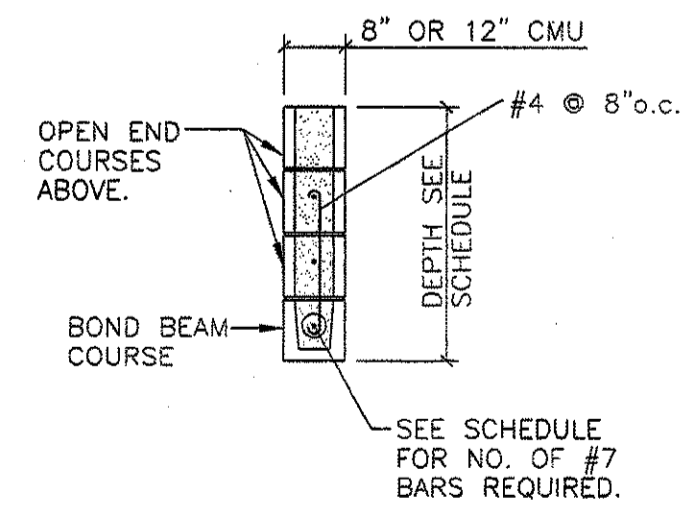
MASONRY VENEER LOOSE LINTEL SCHEDULE

OPENING	LINTEL	BEARING EACH END
6'-4" OR LESS	L 4x3 1/2x1/4 L.L.V.	6"
OVER 6'-4" TO 10'-0"	L 6x3 1/2x3/8 L.L.V.	8"
OVER 10'-0" TO 14'-0"	L 8x4x1/2 L.L.V.	10"
OVER 14'-0" TO 16'-0"	L 9x4x9/16 L.L.V.	16"

- NOTES:
1. FOR OPENINGS 6'-4" AND LARGER, PROVIDE SOLID MASONRY JAMB UNDER LINTEL EACH SIDE OF OPENING.
 2. FOR OPENINGS LARGER THAN 10'-0", PROVIDE (1) 5/8" x 1'-6" ANCHOR BOLT EACH END OF LINTEL.
 3. ALL STEEL ANGLES USED FOR BRICK VENEER LOOSE LINTELS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.

CMU LINTEL SCHEDULE

OPENING	LINTEL DEPTH		NO. OF #7 BARS	
	8" CMU	12" CMU	8" CMU	12" CMU
4'-0" OR LESS	24"	24"	2	4
OVER 4'-0" TO 6'-4"	32"	32"	2	4
OVER 6'-4" TO 12'-0"	32"	40"	2	4
OVER 12'-0" TO 16'-0"	40"	40"	2	4
OVER 16'-0" TO 22'-0"	NO OPENING THIS LARGE	64"	-	4



SEE SCHEDULE FOR NO. OF #7 BARS REQUIRED.

- NOTES:
1. FOR OPENINGS 6'-0" AND LESS, PROVIDE MIN. 8" BEARING WITH (2) #5 VERT. EACH SIDE OF OPENING.
 2. FOR OPENINGS LARGER THAN 6'-0" PROVIDE MIN. 16" BEARING WITH (2) #5 VERT. EACH SIDE OF OPENING.
 3. EXTEND HORIZ. REINFORCEMENT MIN. 16" PAST EACH SIDE OF OPENING.
 4. EXTEND VERTICAL REINFORCEMENT FULL HEIGHT OF WALL EACH SIDE OF OPENING.
 5. GROUT ALL REINFORCEMENT SOLID WITH 3,000 PSI GROUT.
 6. FOR CMU WALLS WITH MASONRY VENEER OPENING SIZE REFERS TO OPENING WIDTH FOR VENEER IF DIFFERENT THAN CMU OPENING WIDTH.
 7. GROUT LINTEL SOLID TO DEPTH INDICATED ON SCHEDULE UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
 8. SHORE ALL CMU LINTELS DURING CONSTRUCTION UNTIL MASONRY AND GROUT HAVE SET.

NOTE:
VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF WORK.

LOLON
ENGINEERING AND CONSTRUCTION, LLC
5550 COMMERCE BLVD. EAST
MOBILE, ALABAMA 36619
PHONE: 251.338.6700
FAX: 251.443.8843

MULTI-PURPOSE BUILDING FOR
NORTHLAKE CHRISTIAN SCHOOL
70104 WOLVERINE DRIVE
COVINGTON, LOUISIANA 70433

ZITO·RUSSELL
ARCHITECTS, P.C.
820 S. UNIVERSITY BLVD., SUITE 202
MOBILE, AL. 36609
PHONE (251) 343-6161
FAX (251) 343-5505

© COPYRIGHT 2007
ZITO - RUSSELL
ARCHITECTS, P.C.

REVISIONS

STATE OF LOUISIANA
WILLIAM T. RUSSELL
LICENSED PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING
6-26-10
June 24, 2010

FILE	H10561
DATE	06/24/10
SHEET	

S3.0