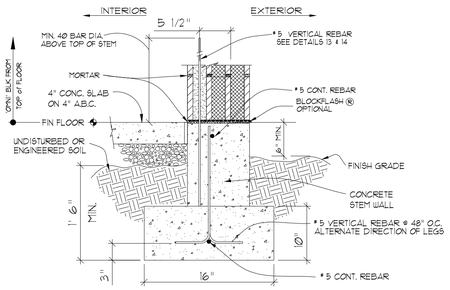
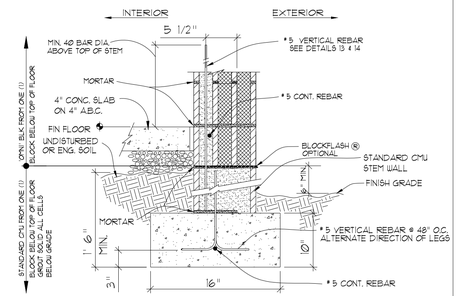


FOOTINGS: ALL BEARING FOOTINGS SHALL BEAR @ 18" (MIN) BELOW TOP OF UNDISTURBED SOIL or TOP OF ENGINEER-CERTIFIED COMPACTED SOIL

1 EXTERIOR WALL FOOTING - CONCRETE STEM

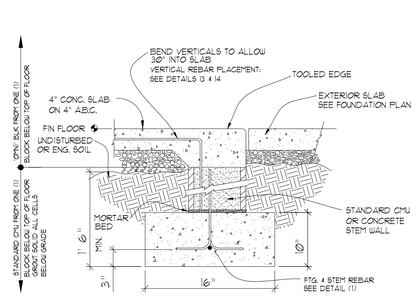
SCALE: NTS



FOOTINGS: ALL BEARING FOOTINGS SHALL BEAR @ 18" (MIN) BELOW TOP OF UNDISTURBED SOIL or TOP OF ENGINEER-CERTIFIED COMPACTED SOIL

1A EXTERIOR WALL FOOTING - CMU STEM

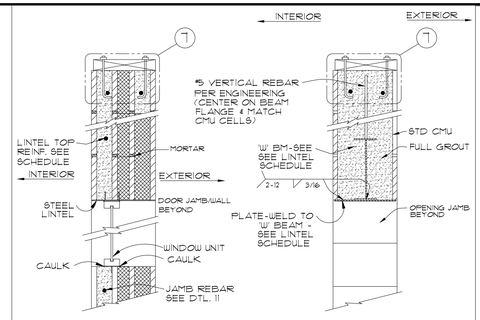
SCALE: NTS



FOOTINGS: ALL BEARING FOOTINGS SHALL BEAR @ 18" (MIN) BELOW TOP OF UNDISTURBED SOIL or TOP OF ENGINEER-CERTIFIED COMPACTED SOIL

2 DEPRESSED STEM @ OPENING

SCALE: NTS



3 TYPICAL LINTEL(S)

SCALE: NTS

3A 'W' BEAM (WHEN USED)

SCALE: NTS

JOB SPECIFICATIONS

OMNI BLOCK ENGINEERING SUMMARY SHEET

GRADE OF STEEL: 40 GROUT: 2000 psi MORTAR: TYPE _____

REINFORCEMENT SCHEDULE:

WALL HEIGHT	VERTICAL STEEL			BOND BEAMS			TOP OF WALL			TOP OF STEM		
	QTY.		@	QTY.	#	@	QTY.	#	@	QTY.	#	
-	-		-	-	-	-	-	-	-	-	-	

LINTEL SCHEDULE:

Mark	LINTEL SPECIFICATIONS					FIGURE (LETTER)
	TYPE		SHEAR STEEL	TOP STEEL	GROUT WIDTH	
-	-		-	-	-	-

FIGURE A

FIGURE B

FIGURE C

FIGURE D

FIGURE E

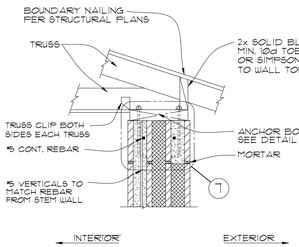
FIGURE F

FIGURE G

FIGURE H

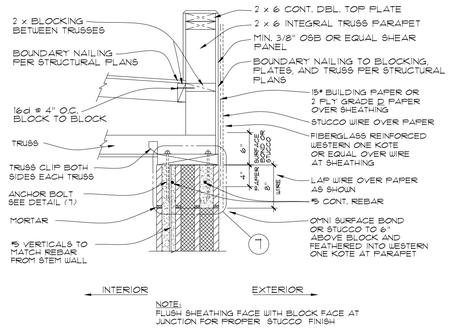
16 UNLESS NOTED OTHERWISE, ALL CMU ARE "OMNI" SYSTEM. VERIFY ALL DETAILS AGAINST ENGINEERING CALCULATIONS

SCALE: NTS



4 BOND BEAM - WITH ROOF TRUSS & EAVE

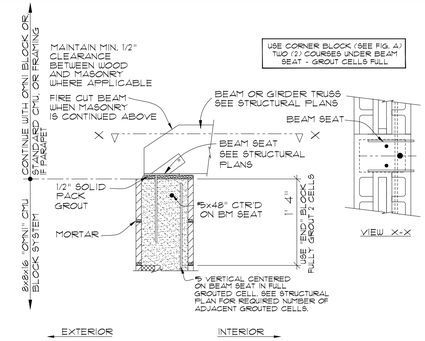
SCALE: NTS



NOTE: FLUSH SHEATHING FACE WITH BLOCK FACE AT JUNCTION FOR PROPER STUCCO FINISH

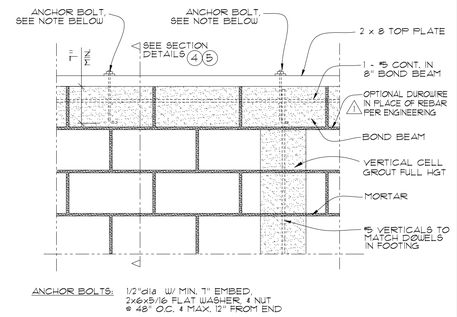
5 BOND BEAM - WITH ROOF TRUSS PARAPET

SCALE: NTS



6 BEAM OR TRUSS @ CMU

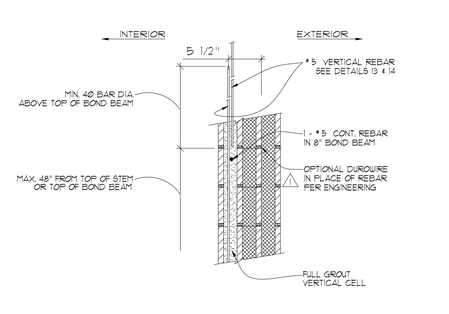
SCALE: NTS



ANCHOR BOLTS: 1/2"dia W/ MIN. 7" EMBED, 2x6x5/16 FLAT WASHER & NUT @ 48" O.C. & MAX. 12" FROM END

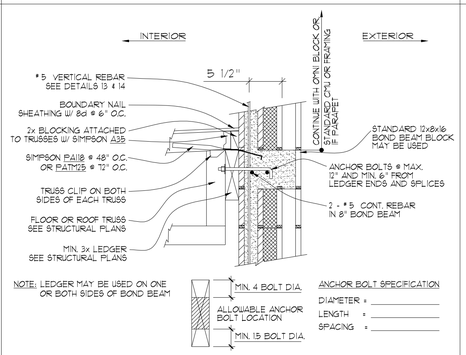
7 WALL TO ROOF / ANCHOR PLATE

SCALE: NTS



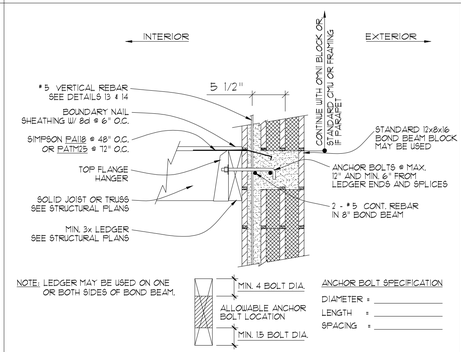
8 BOND BEAM - MID WALL

SCALE: NTS



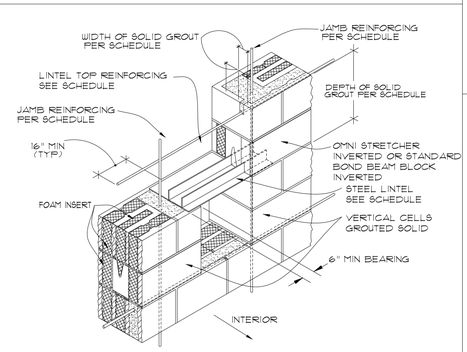
9 LOAD BEARING LEDGER WITH TRUSS TOP CHORD SUPPORT

SCALE: NTS



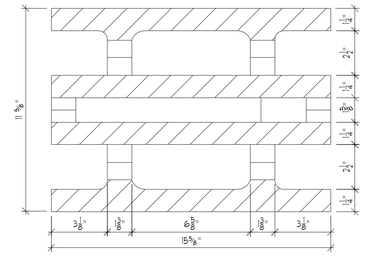
10 LOAD BEARING LEDGER WITH JOIST HANGER

SCALE: NTS

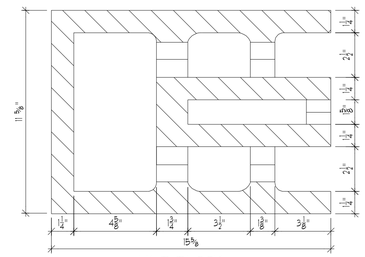


11 WINDOW / DOOR LINTEL DETAIL

SCALE: NTS



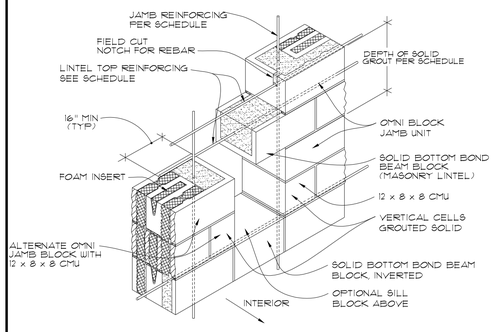
STRETCHER



JAMB BLOCK

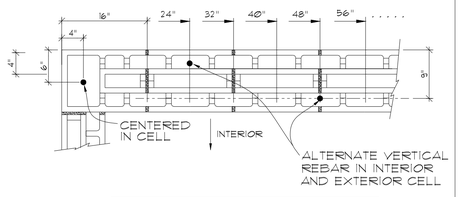
17 BLOCK DETAIL S12.03

SCALE: NTS



12 WINDOW/DOOR SILL AND LINTEL FOR EXPOSED CMU

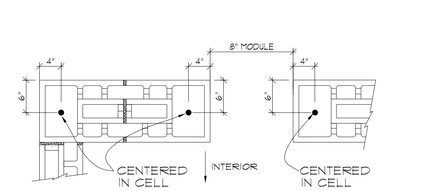
SCALE: NTS



VERTICAL REBAR MAY BE PLACED IN ANY INTERIOR OR EXTERIOR CELL AS ILLUSTRATED ABOVE

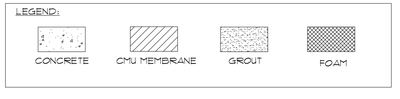
13 REBAR PLACEMENT - STANDARD WALL

SCALE: NTS



14 REBAR PLACEMENT AT WINDOW & DOOR OPENINGS

SCALE: NTS



15 LEGEND

SCALE: NTS

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Toll Free: (877) 771-OMNI (6664)
info@omniblock.com

OMNI BLOCK - 12"
STANDARD 12"x8"x16" DESIGN DETAILS

V 12.3

REVISIONS:	BY:
1 6/15/01 V 12.1	TAD
2 7/10/08 V 12.2	JR
3 9/25/13 V 12.3	JR

BY: TAD

CHECKED BY: DRM

DATE: 9/25/13

FILE: S-1203-PLT

SHEET

S12.3