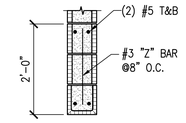


CONCRETE MASONRY UNIT (CMU)

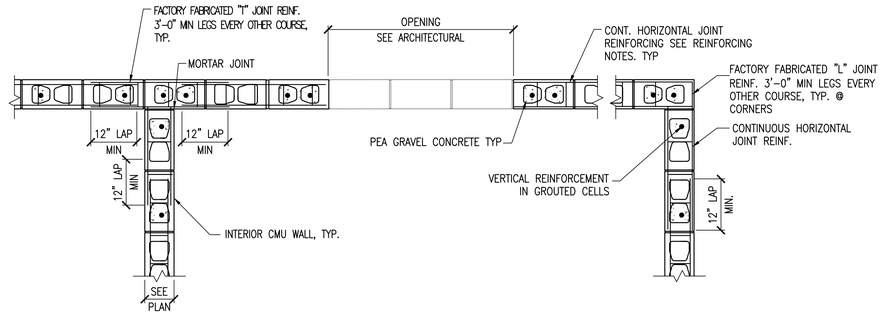
LINTEL NOTES:
PROVIDE 8" MINIMUM BEARING FOR CMU LINTEL

1 TYP. CMU LINTEL
N.T.S.

CMU WALL NOTES

1. DOWEL ALL CMU REINFORCING IN THICKENED SLAB AND EXTEND INTO UPPERMOST CAP BEAM WITH 90° HOOKS WITH A MINIMUM 8" LEG.
2. CELLS AROUND REINFORCING ARE TO FILLED WITH 3,000 PSI PEA GRAVEL CONCRETE.
3. PROVIDE FOUR (4) FILLED CELLS OF TYPICAL WALL REINFORCING AT INTERSECTIONS. PROVIDE THREE (3) FILLED CELLS OF TYPICAL WALL REINFORCING AT CORNERS. PROVIDE TWO (2) FILLED CELLS OF TYPICAL WALL REINFORCING AT EACH SIDE OF EACH OPENING, AND ENDS OF WALLS.
4. ALL CONCRETE MASONRY UNITS SHALL BE PLACED IN RUNNING BOND.
5. TYPICAL WALL REINFORCING UNLESS NOTED OTHERWISE WITH ADDITIONAL REINFORCING IN NOTE 3:
   A. INTERIOR CMU WALLS:
      (1) VERTICAL REINFORCING IN 8" BLOCK SHALL BE #5 @32".
   B. HORIZONTAL REINFORCING IN ALL BLOCK WALLS SHALL BE HEAVY DUTY (3/16 SIDE RODS WITH 9 GAUGE CROSS RODS) LADDER TYPE WALL REINFORCING.. ALL WALLS PERPENDICULAR TO EXTERIOR WALLS SHALL HAVE ADDITIONAL PREFABRICATED "T" OR "L" JOINT REINFORCING IN ALTERNATE BLOCK AS INDICATE IN TYPICAL CMU DETAILS. SPACING OF HORIZONTAL JOINT REINF SHALL BE 16" O.C.
   C. GROUT STOP IS A FIBERGLASS MESH CONFORMING TO ASTM STANDARD D1668-73, TYPE 207.
   D. PROVIDE MINIMUM 8" DEEP CAP BEAM AT TOP OF ALL WALLS, MINIMUM REINFORCING AS FOLLOWS:
      (1) 8" WALLS SHALL HAVE 2-#5 CONT.
   E. SPLICE ALL BARS 48 BAR DIAMETERS UNLESS OTHERWISE NOTED.

2 CMU WALL NOTES
N.T.S.



3 TYPICAL CMU WALL REINFORCING
N.T.S.

30% OVERALL AND 95% FAST TRACK SUBMITTAL
DESIGN DEVELOPMENT - NOT FOR CONSTRUCTION

Revisions: | Date:

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Drawing Title	MASONRY DETAILS
Project Title	PARKING STRUCTURE
Project Number	520-317
Building Number	28
Approved: Project Director	
Location	VAMC BILOXI, MS
Date	07/13/2009
Checked	SCS
Drawn	JES
Drawing Number	SB-400
	Dwg. 25 of 74

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08 - 6231

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three inches = one foot 6"
one and one half inches = one foot 1 6" 0
one inch = one foot 2 6" 0
three quarters inch = one foot 2 6" 0
one half inch = one foot 4 0
three eighths inch = one foot 4 0
one quarter inch = one foot 8 4 0
one eighth inch = one foot 16 8 4 0