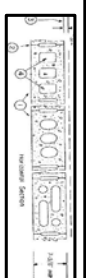


3000 PSI FEA-GRAV FOR ALL LINTELS.

CMU LINTEL SCHEDULE			
WIDTH (W)	CLEAR SPAN	DEPTH (D)	HORIZ. REINFR.
8\"	UP TO 3'-4\"	8\"	(1) #6 BOTTOM
8\"	UP TO 7'-4\"	16\"	(1) #6 BOTTOM
16\"	UP TO 11'-4\"	16\"	(2) #6 TAB



Design No. U905
March 17, 2004

Bearing Wall Rating -- 2 HR.
Nonbearing Wall Rating -- 2 HR.
Load Restraints for Canadian Applications -- See Guide BXUV7

Concrete Blocks* -- Various designs. Classification D-2 (2 hr).
See Concrete Blocks category for list of eligible manufacturers.

1. Mortar -- Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

2. Mortar -- Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.

3. Portland Cement Stucco or Gypsum Plaster -- Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr. Attached to concrete blocks (Item 1).

4. Loose Masonry Fill -- If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kirt Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.

5. Foamed Plastic -- (Optional-Not Shown) -- 1-1/2 in. thick max. 4 ft wide sheathing attached to concrete blocks (Item 1).

THE DOW CHEMICAL CO -- Type Thermax

*Bearing the UL Classification Mark

NOTES:
1. INTERRUPT HORZ. REINFORCEMENT IS INTERRUPTED BY OPENING OR CONTROL JOINT PROVIDE STANDARD ACI HOOK WITH VERT. WALL REINFR. AT END CELL.
2. SPLICES IN VERT. REINFR. REF. WALL SECTIONS 53.3.
3. ALL VERT. BARS AT DOOR JAMBS TO BE FULL HEIGHT.
4. CONTINUE VERT. WALL REINFR. OVER OPENING. ANCHOR VERT. REINFR. INTO LINTEL BEAM WITH STANDARD ACI HOOK.
5. END LINTEL BEAM WITH STANDARD ACI HOOK. OPENING EACH SIDE FOR STRAIGHT LINTEL REINFR. AND 1'-0\"/>

DAMMON ENGINEERING, INC.
CHIEF ENGINEER
EMMETT DAMMON, P.E.
CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SUITE 111
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM
EMAIL:
DAMMONENG@BELL.SOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

CHILD DEVELOPMENT
COUNCIL OF
ACADIANA, INC.
OPELOUSAS, LA

MASONRY
DETAILS

REV: _____
SCALE: AS NOTED
JOB#: 2030
DATE: 7-2-09
SHEET

INTERRUPT HORZ. REINFR. IN BOND BEAM AT CONTROL JOINT LOCATIONS

CONTROL JOINT SEALER AND BACKER ROD

CONTROL JOINT @ BOND BEAM

SCALE: N.T.S.

TYPICAL REINFR. @ CORNER OF MASONRY

SCALE: N.T.S.

TYPICAL MASONRY CONTROL JOINT

SCALE: N.T.S.

OF

S-3