

STANDARD MASONRY LINTELS IN NON LOAD BEARING MASONRY WALLS

TM-WALL-12

NOTES:

1.

THIS DETAIL APPLIES FOR HOLLOW MASONRY WALLS AND FOR MASONRY WALLS WITH GROUTED CORES SPACED NOT CLOSER THAN 800 (2'-8").
2.

STANDARD LINTELS ARE NOT NECESSARILY SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING LOCATIONS.
3.

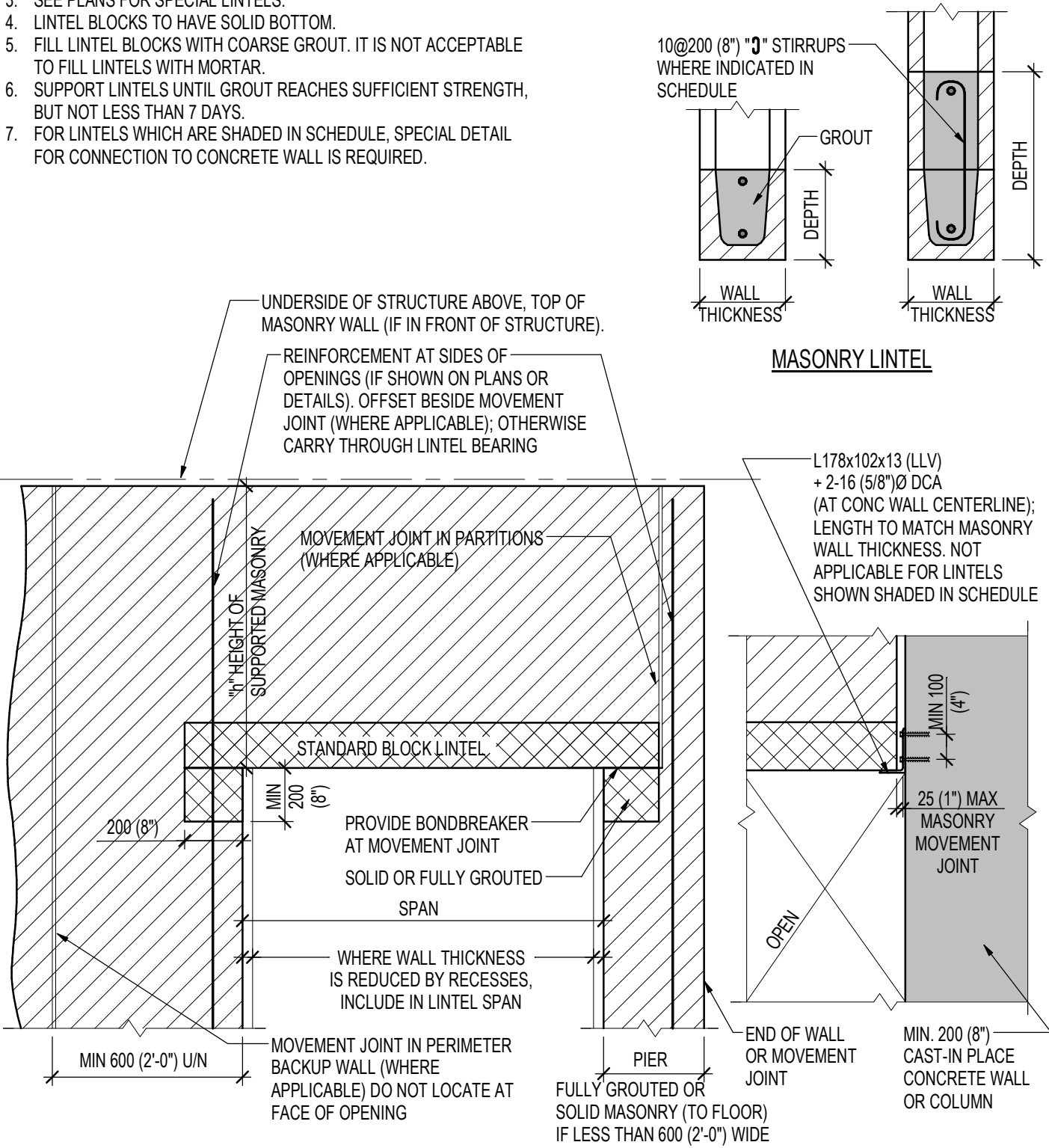
SEE PLANS FOR SPECIAL LINTELS.
4.

LINTEL BLOCKS TO HAVE SOLID BOTTOM.
5.

FILL LINTEL BLOCKS WITH COARSE GROUT. IT IS NOT ACCEPTABLE TO FILL LINTELS WITH MORTAR.
6.

SUPPORT LINTELS UNTIL GROUT REACHES SUFFICIENT STRENGTH, BUT NOT LESS THAN 7 DAYS.
7.

FOR LINTELS WHICH ARE SHADED IN SCHEDULE, SPECIAL DETAIL FOR CONNECTION TO CONCRETE WALL IS REQUIRED.



WALL THICKNESS	SPAN	HEIGHT OF SUPPORTED MASONRY "h"					
		h≤1200 (4'-0")		1200 (4'-0") < h ≤ 2600 (8'-4")		2600 (8'-4") ≤ h ≤ 4800 (16'-0")	
		BLOCK LINTEL DEPTH	REINF: T&B	BLOCK LINTEL DEPTH	REINF: T&B	BLOCK LINTEL DEPTH	REINF: T&B
140 (6")	UP TO 1200 (4'-0")	190 (7 1/2")	1-10	190 (7 1/2")	1-10	390 (15 1/2")	1-10
	1200(4'-0") TO 1800(6'-0")	190 (7 1/2")	1-10	390 (15 1/2")	1-10	390 (15 1/2")	1-10+STIRRUPS
	1800(6'-0") TO 2400(8'-0")	390 (15 1/2")	1-10	390 (15 1/2")	1-10+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS
	2400(8'-0") TO 3000(10'-0")	390 (15 1/2")	1-10	390 (15 1/2")	1-10+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS
	3000(10'-0") TO 3600(12'-0")	390 (15 1/2")	1-10	590 (23 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS
190 (8")	UP TO 1200 (4'-0")	190 (7 1/2")	1-10	190 (7 1/2")	1-10	390 (15 1/2")	1-15+STIRRUPS
	1200(4'-0") TO 1800(6'-0")	190 (7 1/2")	1-10	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS
	1800(6'-0") TO 2400(8'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS
	2400(8'-0") TO 3000(10'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS
	3000(10'-0") TO 3600(12'-0")	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
240 (10")	UP TO 1200 (4'-0")	190 (7 1/2")	1-10	190 (7 1/2")	1-10	390 (15 1/2")	1-15+STIRRUPS
	1200(4'-0") TO 1800(6'-0")	190 (7 1/2")	1-10	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS
	1800(6'-0") TO 2400(8'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
	2400(8'-0") TO 3000(10'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
	3000(10'-0") TO 3600(12'-0")	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
290 (12")	UP TO 1200 (4'-0")	190 (7 1/2")	1-15	190 (7 1/2")	1-15	390 (15 1/2")	1-15+STIRRUPS
	1200(4'-0") TO 1800(6'-0")	190 (7 1/2")	1-15	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS
	1800(6'-0") TO 2400(8'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
	2400(8'-0") TO 3000(10'-0")	390 (15 1/2")	1-15+STIRRUPS	390 (15 1/2")	1-20+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS
	3000(10'-0") TO 3600(12'-0")	390 (15 1/2")	1-15+STIRRUPS	590 (23 1/2")	1-20+STIRRUPS	590 (23 1/2")	1-25+STIRRUPS