



TYPICAL LINTEL SECTION (PRECAST CONCRETE)

Lintel Length	Bar Length	Clear Span	"A" Bars	"B" Bars
2'-10"	2'-8"	1'-6"	2,#3	none
3'-6"	3'-4"	2'-2"	2,#3	none
4'-0"	3'-10"	2'-8"	2,#3	none
4'-6"	4'-4"	3'-2"	2,#3	none
5'-4"	5'-2"	4'-0"	2,#3	none
5'-10"	5'-8"	4'-6"	2,#4	none
6'-4"	6'-4"	5'-4"	2,#4	none
7'-6"	7'-0"	6'-2"	2,#5	none
8'-4"	7'-10"	7'-0"	2,#5	none

ALL reinforcing steel is grade 60.

LINTEL SCHEDULE

Mark	Window or Door Unit Width	Lintel Size	Cast-Crete Specification	Rows of #4 Block Above (P'blk)	Bottom Steel Size	Top Steel Size	Max. Gravity Load (PLF)	Max. Uplift Load (PLF)	Max. Lateral Load (PLF)
L22	2'-2"	3'-4"	8F8-OB/IT			#5 1	3029	1549	1024
L31	2'-4"	4'-0"	8F8-OB/IT			#5 1	2561	1363	763
L45	4'-5"	5'-10"	8F8-OB/IT			#5 1	1105	909	339
L50	5'-0"	4'-4"	8F8-OB/IT			#5 1	1238	835	121
L40	4'-8"	7'-4"	8F8-OB/IT			#5 1	1011	127	534
L80	8'-0"	9'-4"	8F8-IB/2T		#5 1	#5 2	782	591	512
L90	9'-0"	10'-4"	8F8-IB/2T		#5 1	#5 2	443	530	401
L90B	9'-0"	10'-4"	8F14-IB/2T	ONE	#5 1	#5 2	1533	1183	401
L100	10'-0"	11'-4"	8F8-IB/2T		#5 1	#5 2	582	494	452
L100B	10'-0"	11'-4"	8F14-IB/2T	ONE	#5 1	#5 2	1344	1028	452
L120	12'-0"	13'-4"	8F8-IB/2T		#5 1	#5 2	471	428	324
L120B	12'-0"	13'-4"	8F14-IB/2T	ONE	#5 1	#5 2	1075	110	324
L140	14'-0"	15'-4"	8F14-IB/2T	ONE	#5 1	#5 2	1250	409	259
L160	16'-0"	17'-4"	8F8-IB/2T		#5 1	#5 2	300	182	194
L160B	16'-0"	17'-4"	8F14-IB/2T	ONE	#5 1	#5 2	950	500	194

- ALL LINTELS SHALL BE MADE BY CAST-CRETE
 - LINTELS SHALL BE FILLED SOLID WITH 3000 PSI CONCRETE
 - REFER TO CAST-CRETE CATALOG FOR ALL INFORMATION REGARDING LINTEL CONSTRUCTION, HANDLING INFORMATION, AND SAFE LOAD REQ.
 - LINTELS OVER 14'-0" LONG ARE TO BE PRESTRESSED.
 - CONTRACTOR TO VERIFY ALL LINTEL SIZES BASED ON FINAL MASONRY OPENING SIZES AND ADJUST LINTELS ACCORDINGLY PRIOR TO ORDERING ANY/ALL LINTELS

SECOND FLOOR FRAMING/LOWER ROOF PLAN

TYPICAL NOTES: Scale: 1/4" = 1'-0"

- ALL Plywood sub-flooring to be saturated w/ Thompson's water seal immediately after installation for leak protection.
- Overhangs at 2'-0" unless otherwise noted on this sheet
- Roof pitch at 6:12 unless otherwise noted
- Truss shop drawings to be provided by manufacturer
- Any changes to this plan shall be submitted to the architect for approval in writing prior to starting construction.
- ALL TRUSS TO TRUSS CONNECTIONS BY TRUSS MANUFACTURER
- Architect to review Truss Shop Drawings Prior to construction for layout and uplift verification
- Provide fire stop blocking at all floor trusses dividing the floor area into 500 sq. ft. (Max.) spaces

Date Drawn : 8-13-15
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