

STRUCTURAL ABBREVIATIONS

ALT	ALTERNATE	M B	MASONRY BEAM
ACI	AMERICAN CONCRETE INSTITUTE	MATL	MATERIAL
ATCSC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MAX	MAXIMUM
ATSI	AMERICAN IRON AND STEEL INSTITUTE	MECH	MECHANICAL
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	MEZZ	MEZZANINE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MIN	MINIMUM
AWES	AMERICAN WELDING SOCIETY	MISCELL	MISCELLANEOUS
AB	ANCHOR BOLTS	MTSC	MASONRY OPENING
ARCH	ARCHITECTURE/ARCHITECTURAL	MO	METAL
BP	BASE PLATE/BEARING PLATE	MTL	METAL
BRG	BEARING	NIC	NOT IN CONTRACT
BM	BLOCK	NOM	NOMINAL
BLK	BLOCK	NTS	NOT TO SCALE
BO	BOTTOM	NWT	NORMAL WEIGH TOPPING
BLDG	BUILDING	O.C.	ON CENTER
CANT	CANTILEVER	OPNG	OPENING
CL	CENTERLINE	OPP	OPPOSITE
CLR	CLEAR/CLEARANCE	PEMB	PRE-ENGINEERED METAL BUILDING
COL	COLUMN	P.I.A.	POST INSTALLED ANCHORS
CONC	CONCRETE	PL	PLATE
CB	CONCRETE BEAM	PLY	PLYWOOD
CC	CONCRETE COLUMN	PSF	POUNDS PER SQUARE FOOT
CMU	CONCRETE MASONRY UNIT	PSI	POUNDS PER SQUARE INCH
CONT	CONTINUOUS	PCC	PRECAST CONCRETE
CONN	CONNECTION	PRE-ENG	PRE-ENGINEERED
CONNX	CONNECTION	PREFAB	PREFABRICATED
CONST	CONSTRUCTION	PROJ	PROJECTION
CST	CONSTRUCTION JOINT	PT	PRESSURE TREATED
CT	CONTRACTION JOINT / CONTROL JOINT	RD	ROOF DRAIN
DET	DETAIL	REF	REFERENCE
DEPT	DEPARTMENT	REINF	REINFORCING
DFT	DRY FILM THICKNESS	RC'P	REINFORCED CONCRETE PIPE
DIAM	DIAMETER	REQ'D	REQUIRED
DIM	DIMENSION	RS	ROUGH SAWN
DIST	DISTANCE	RW	RETAINING WALL
DND	DOWN DRAIN	RD	ROOF DRAIN
DR	DRAWING	SCHED	SCHEDULE
DWG	DRAWING	SIM	SIMILAR
EACH	EACH	SPC	SPACE/SPACES
EA	EACH END	SPECS	SPECIFICATIONS
EF	EACH FACE	SQ	SQUARE
EW	EACH WAY	STUD	STUD ANCHOR
EL ELEV	ELEVATION	SS	STAINLESS STEEL
ELECT	ELECTRICAL	STANDARD	STANDARD
EMB	EMBEDMENT	STL	STEEL
ENGR	ENGINEER	STRUC	STRUCTURAL
E.S.	EACH SIDE	SYM	SYMMETRICAL
EXIST	EXISTING	TH	THICK
EXT	EXTERIOR	THK	THICK
FV	FIELD VERIFY	THD	THREAD/THREADED
FF	FINISHED FLOOR	TB	TIE BEAM
FLR	FLOOR	TD	TO BE DETERMINED
FD	FLOOR DRAIN	T&B	TOP AND BOTTOM
FTG	FOOTING	T&G	TONGUE AND GROOVE
GA	GAGE/GAUGE	T.O.C.	TOP OF CONCRETE
GALV	GALVANIZED	T.O.S.	TOP OF STEEL
G C	GENERAL CONTRACTOR	TYP	TYPICAL
GLU-LAM	GLUE LAMINATED	TS	TUBE STEEL
G.N.	STRUCT. GENERAL NOTES	UNO.	UNLESS NOTED OTHERWISE
HAS	HEADED ANCHOR STUD	VERT	VERTICAL
HT	HEIGHT	VOL	VOLUME
HORIZ	HORIZONTAL	WF	WIDE FLANGE
HSB	HIGH STRENGTH BOLTS	WP	WATERPROOF
INT	INTERIOR	WWF	WELDED WIRE FABRIC
IBC	INTERNATIONAL BUILDING CODE	WH	WEED HOLE
JOINT	JOINT	WT	WEIGHT
JST	JOIST	W/O	WITHOUT
L&TH	LENGTH	WD	WOOD
LLH	LONG LEG HORIZONTAL	WP	WORKING POINT
LLV	LONG LEG VERTICAL		
MFRS	MANUFACTURE/MANUFACTURERS		

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P.I.A.	POST INSTALLED ANCHORS
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PLY	PLYWOOD
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PSI	POUNDS PER SQUARE INCH
PCC	PRECAST CONCRETE
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THK	THICK
THD	THREAD/THREADED
TB	TIE BEAM
TD	TO BE DETERMINED
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T.O.C.	TOP OF CONCRETE
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W/O	WITHOUT
WD	WOOD
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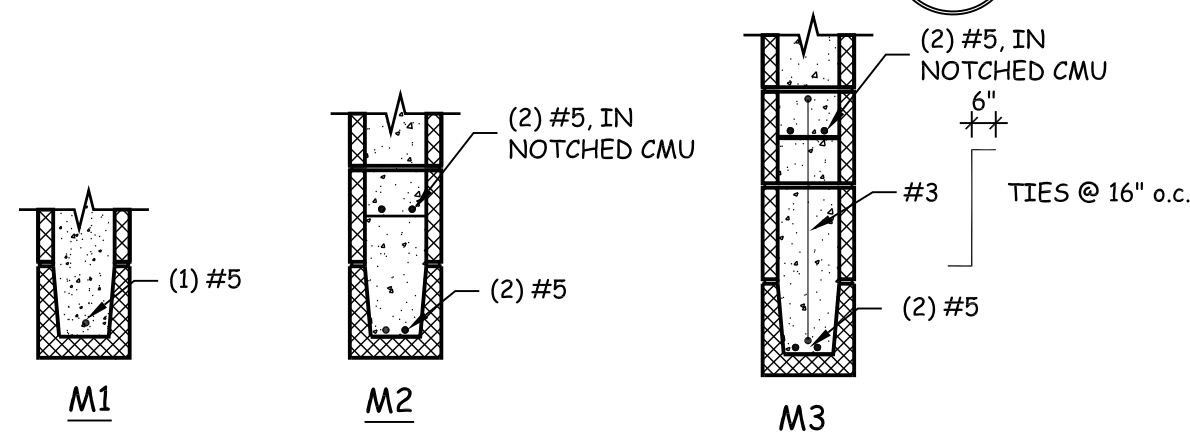
NOTE:

1. CONTINUE VERTICAL WALL REINFORCING OVER OPENING. ANCHOR VERTICAL REINFORCING ABOVE OPENING INTO LINTEL BEAM WITH ACI STANDARD HOOK.
2. EXTEND VERTICAL REINFORCING CONT. THRU LINTEL.

ELEVATION

MASONRY OPENING DETAIL

SCALE: N.T.S.



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