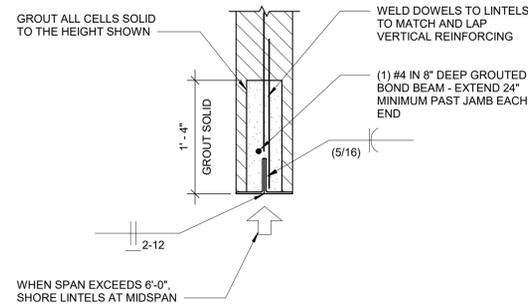




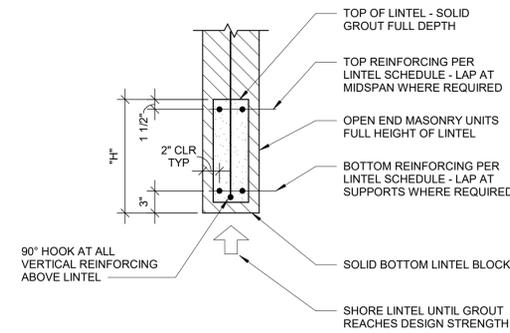
BAR SIZE	VERTICAL OR HORIZONTAL REINFORCING CENTERED IN WALL (SINGLE BAR)			VERTICAL OR HORIZONTAL REINFORCING EACH SIDE OF WALL (DOUBLE BAR) OR ONE SIDE OF WALL (SINGLE BAR)
	8" CMU	10" CMU	12" CMU	8" CMU AND THICKER
#3	1' - 0"	1' - 0"	1' - 0"	1' - 4"
#4	1' - 4"	1' - 0"	1' - 0"	2' - 0"
#5	2' - 0"	1' - 8"	1' - 6"	3' - 0"
#6	3' - 6"	2' - 8"	2' - 4"	4' - 6"
#7	4' - 8"	3' - 8"	3' - 0"	5' - 3"
#8	6' - 0"	5' - 6"	4' - 6"	6' - 0"

NOTES:  
1. MASONRY ASSEMBLY SHALL HAVE A COMPRESSIVE STRENGTH,  $f_m$ , OF 2,000 PSI MINIMUM.  
2. CLEAR COVER FOR BARS ON ONE SIDE OF WALL OR CLEAR SPACING BETWEEN BARS EACH SIDE OF WALL SHALL BE 2" MINIMUM.

55 TYPICAL DETAIL - DEVELOPMENT LENGTHS AND SPLICES FOR UNCOATED GRADE 60 REINFORCED STEEL IN MASONRY  
S-008 NOT TO SCALE  
17-036

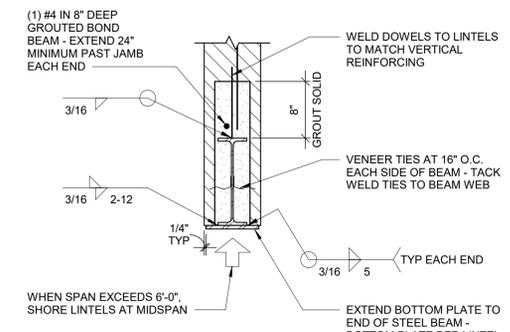


52 TYPICAL DETAIL - DOUBLE STEEL ANGLE LINTEL  
S-008 NOT TO SCALE  
17-036

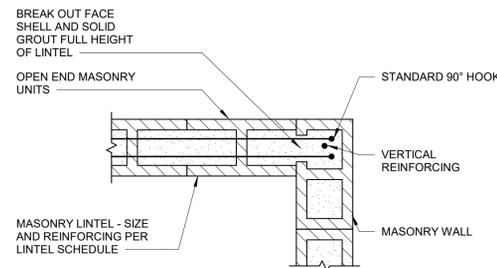


NOTES:  
1. LINTEL HEIGHT "H" PER LINTEL SCHEDULE  
2. WHERE THE LINTEL INTERSECTS AT PERPENDICULAR MASONRY WALL, BREAK OUT THE FACE SHELLS OF THE MASONRY WALL FULL HEIGHT OF THE LINTEL - HOOK LINTEL REINFORCING 90° AND GROUT SOLID  
3. EXTEND GROUT, OPEN END MASONRY UNITS, AND REINFORCING 24" PAST EACH JAMB

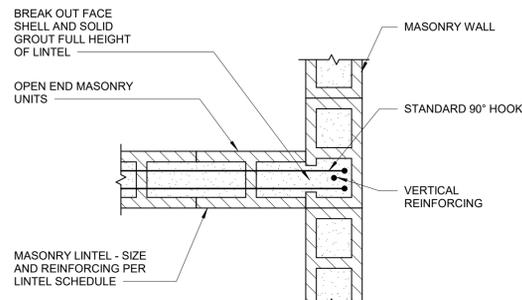
49 TYPICAL DETAIL - MASONRY LINTEL  
S-008 NOT TO SCALE  
17-036



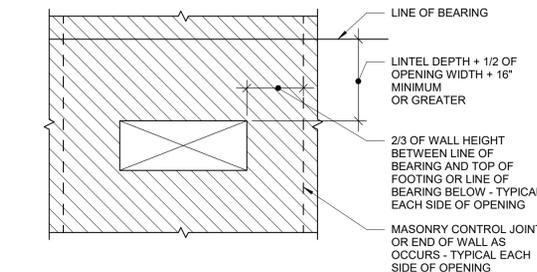
46 TYPICAL DETAIL - STEEL BEAM LINTEL  
S-008 NOT TO SCALE  
17-036



WALL CORNER



WALL INTERSECTION

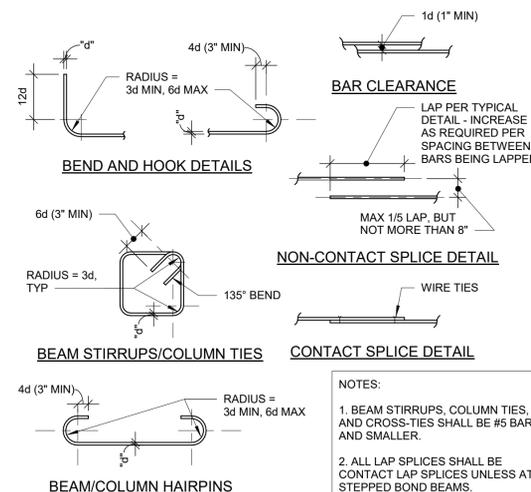


NOTES:  
1. UNLESS NOTED OR SHOWN OTHERWISE, PROVIDE LINTELS SHOWN IN NON-BEARING WALLS.  
2. PROVIDE 5" MINIMUM BEARING OF ANGLES ON JAMB.  
3. BEARING WALLS WHERE THESE LINTELS MAY BE USED ARE PER THE ELEVATION ABOVE.  
4. PROVIDE SOLID GROUT BETWEEN WEBS AND MASONRY FACE SHELLS FOR FULL LENGTH OF ALL STEEL LINTELS. MORTAR MAY BE USED FOR GROUT FOR THIS PURPOSE ONLY.  
5. FACE UNITS, SOAPS, ROMANS, ETC., SHALL BE LAID WITH FULL HEAD AND BED JOINTS.  
6. MASONRY WALL SHALL BE LAID IN RUNNING BOND.

50 TYPICAL DETAIL - LINTELS AT MASONRY WALLS NOT SCHEDULED  
S-008 NOT TO SCALE  
17-036

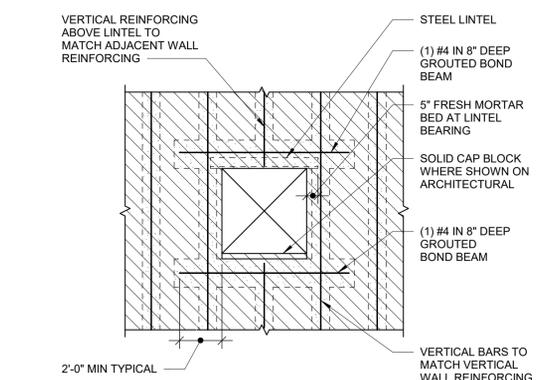
MASONRY LINTELS			
OPENING WIDTH	6" MASONRY	8" MASONRY	12" MASONRY
0' - 0" THRU 3' - 4"	TYPE: 49 / S-008 H = 16" (2) #4 BOTTOM	TYPE: 49 / S-008 H = 16" (2) #5 BOTTOM	TYPE: 49 / S-008 H = 16" (2) #5 BOTTOM
3' - 5" THRU 4' - 8"	TYPE: 49 / S-008 H = 24" (2) #4 BOTTOM	TYPE: 49 / S-008 H = 24" (2) #5 BOTTOM	TYPE: 49 / S-008 H = 24" (2) #5 BOTTOM
4' - 9" THRU 6' - 0"	TYPE: 49 / S-008 H = 32" (2) #4 BOTTOM	TYPE: 49 / S-008 H = 32" (2) #5 BOTTOM	TYPE: 49 / S-008 H = 32" (2) #5 BOTTOM

STEEL ANGLE LINTELS			
OPENING WIDTH	6" MASONRY	8" MASONRY	12" MASONRY
0' - 0" THRU 3' - 4"	TYPE: 52 / S-008 (2) L3X2-1/2X3/16 (LLV)	TYPE: 52 / S-008 (2) L3-1/2X2-1/2X1/4 (LLH)	TYPE: 52 / S-008 (2) L5X3X1/4 (LLH)
3' - 5" THRU 4' - 8"	TYPE: 52 / S-008 (2) L3X2-1/2X1/4 (LLV)	TYPE: 52 / S-008 (2) L3-1/2X3X1/4 (LLH)	TYPE: 52 / S-008 (2) L5X3-1/2X1/4 (LLH)
4' - 9" THRU 6' - 0"	TYPE: 52 / S-008 (2) L3-1/2X2-1/2X1/4 (LLV)	TYPE: 52 / S-008 (2) L3-1/2X3-1/2X1/4	TYPE: 52 / S-008 (2) L5X5X1/4

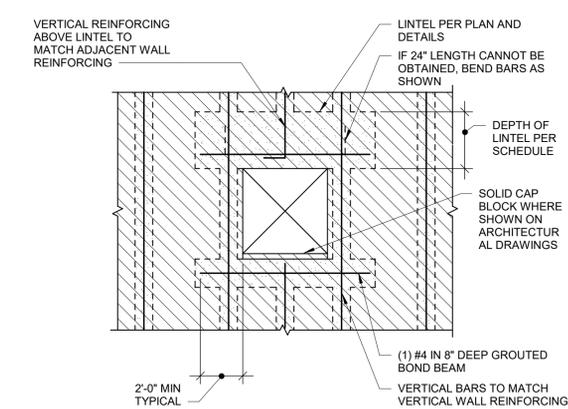


NOTES:  
1. BEAM STIRRUPS, COLUMN TIES, AND CROSS-TIES SHALL BE #5 BAR AND SMALLER.  
2. ALL LAP SPLICES SHALL BE CONTACT LAP SPLICES UNLESS AT STEPPED BOND BEAMS.

57 TYPICAL DETAIL - MASONRY REINFORCING BARS  
S-008 NOT TO SCALE  
17-036



54 TYPICAL DETAIL - STEEL LINTEL AT OPENING IN MASONRY WALL  
S-008 NOT TO SCALE  
17-036



51 TYPICAL DETAIL - MASONRY LINTEL AT OPENING IN MASONRY WALL  
S-008 NOT TO SCALE  
17-036