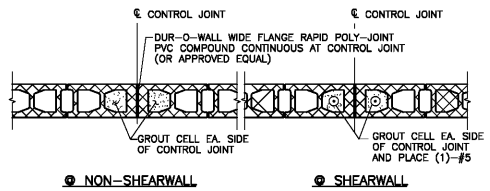


REINFORCING LAP LENGTH SCHEDULE*	
BAR SIZE	LAP LENGTH
#4	36"
#5	45" (8" CMU) 45" (8" / 12" CMU)
#6	54"

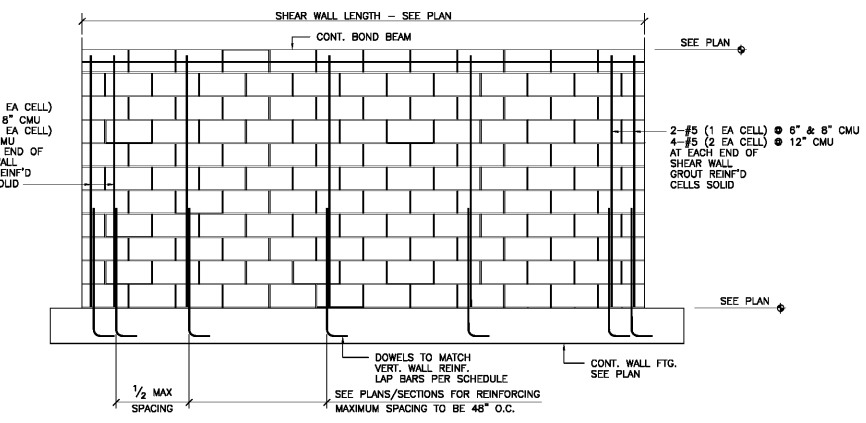
* LAP LENGTHS APPLY TO 8" CMU WITH REINFORCING CENTERED IN CELL (UNO)

- LOW LIFT GROUTING PROCEDURE**
1. CONSTRUCT WALL TO HEIGHT OF 5'-0" ALLOW MORTAR TO SET SUFFICIENTLY TO WITHSTAND GROUT PRESSURE.
 2. INSPECT UNITS FOR ALIGNMENT. CLEAN OUT CELLS TO BE FILLED.
 3. FILL CELLS TO 1/2" BELOW TOP COURSE.
 4. DELAY 3 TO 5 MINUTES PRIOR TO CONSOLIDATING TO ALLOW WATER TO BE ABSORBED BY MASONRY.
 5. VERTICAL REINFORCING PRE-MANUFACTURED REBAR POSITIONER SHALL BE LOCATED AT THE TOP OF THE FIRST COURSE AT THE

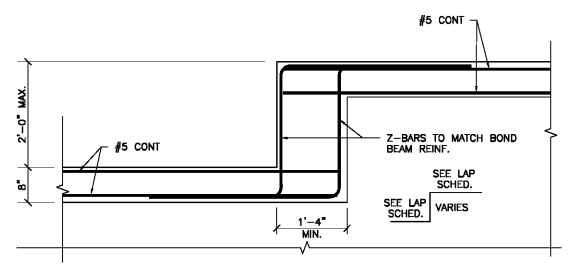
1 TYPICAL DETAIL OF LOW-LIFT REINFORCED MASONRY CONSTRUCTION
S2.2



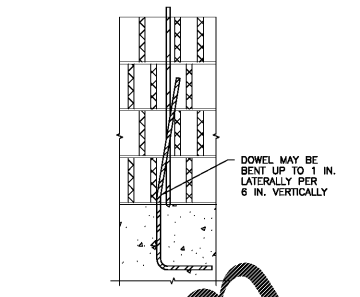
2 TYP CMU CONTROL JOINTS
S2.2 SCALE: NONE



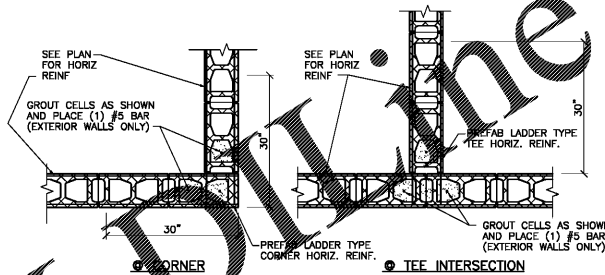
3 TYPICAL SHEAR WALL ELEVATION
S2.2 SCALE: NONE



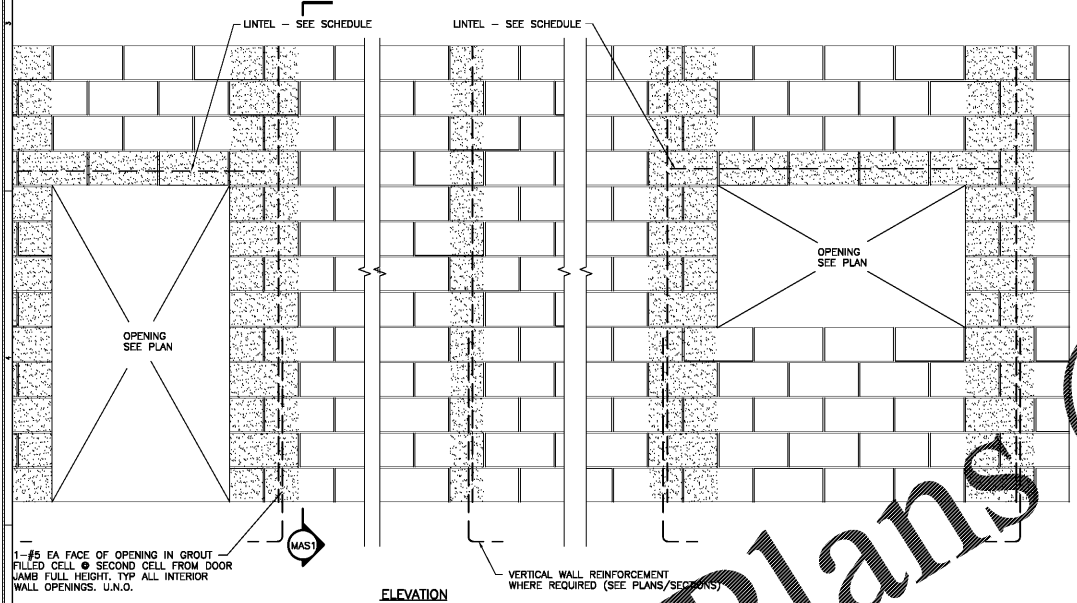
4 TYPICAL DETAIL OF STEP IN CMU
S2.2



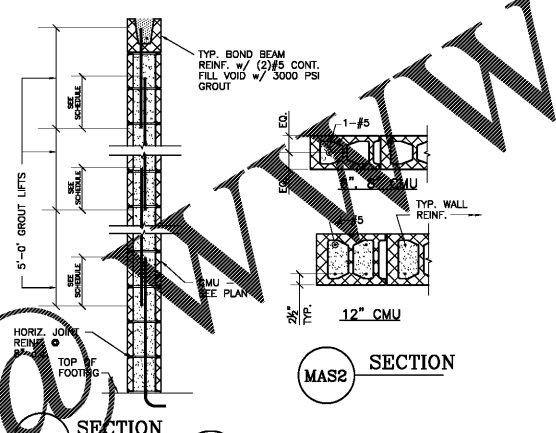
5 TYPICAL DETAIL OF PERMISSIBLE BENDING OF REB. DOWELS
S2.2



6 TYP. NON-COLUMN CMU WALL CORNER/ TEE INTERSECTION w/ PREFABRICATED CORNERS & TEES
S2.2

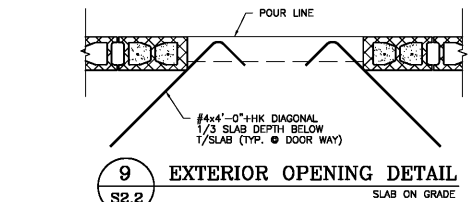


6 TYPICAL DETAIL OF REINFORCED MASONRY NON-SHEARWALL OPENING
S2.2

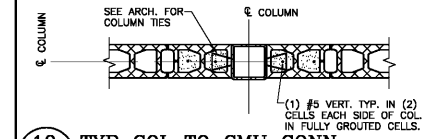


7 SHEAR WALL NOTES
S2.2

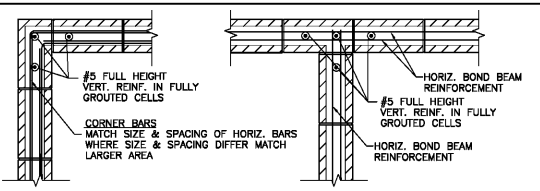
- NOTE: ALL BARS TO DOWEL 8" MIN. INTO FOOTING WITH STANDARD HOOK - BAR TO PROJECT (1) BAR LAP LENGTH ABOVE FOOTING - ALL BARS TO RUN CONT. THRU BOND BEAM
1. PER BUILDING CODE REQUIREMENTS, SUFFICIENT CMU SHEAR WALLS MUST BE PROVIDED IN EACH SECTOR TO PROVIDE LATERAL RESISTANCE TO APPLIED WIND AND SEISMIC LOADS.
 2. DESIGNATED SHEARWALLS MUST CONTAIN VERTICAL REINFORCEMENT AT A MAXIMUM SPACING OF 4'-0" o.c. PLUS (1) #5 MIN. AT CORNERS, WITHIN 16" OF SIDE OPENINGS, WITHIN 8" OF CONSTRUCTION JOINTS, AND WITHIN 8" OF WALL ENDS.
 3. DESIGNATED SHEARWALLS MUST BE ATTACHED TO ROOF STRUCTURE MEMBERS AT A MAXIMUM SPACING OF 4'-0" o.c.
 4. ALL EXTERIOR WALLS ARE DESIGNATED AS SHEARWALLS. INTERIOR SHEARWALLS ARE THOSE WALLS SPECIFICALLY INDICATED AS SHEARWALLS IN PLAN OR SECTION.
 5. ALL SHEARWALLS MUST BE GROUTED AT FACE SHELLS AND INTERIOR SHELLS, TYPICAL.



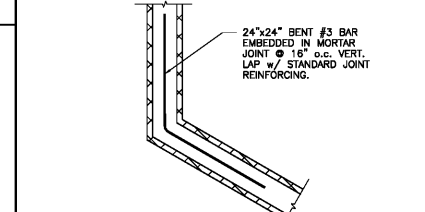
9 EXTERIOR OPENING DETAIL
S2.2



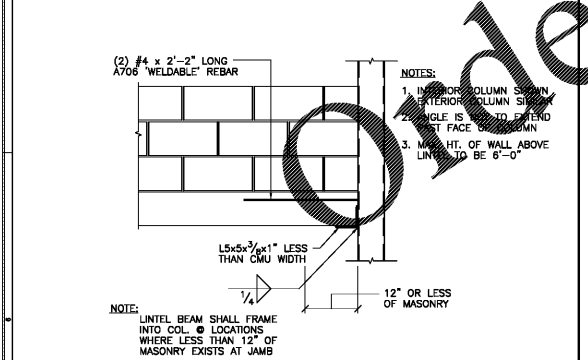
10 TYP COL TO CMU CONN
S2.2



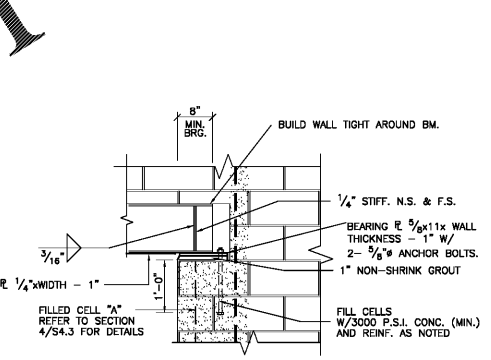
11 TYPICAL PLAN OF CORNER & INTERSECTION DETAILS FOR MASONRY BOND BEAMS
S2.2



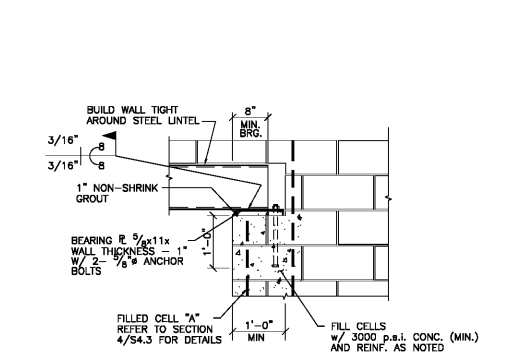
12 TYPICAL JOINT REINF. @ NON-ORTHOGONAL WALL ANGLES
S2.2



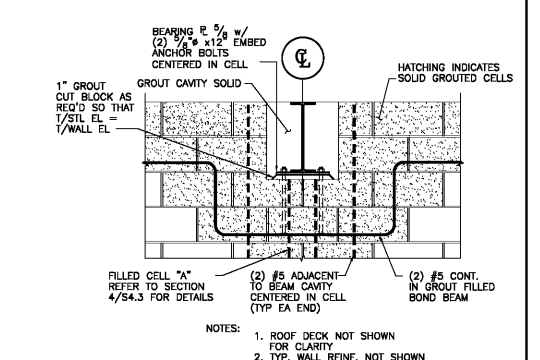
13 TYP. MASONRY LINTEL TO STL COL.
S2.2 SCALE: NONE



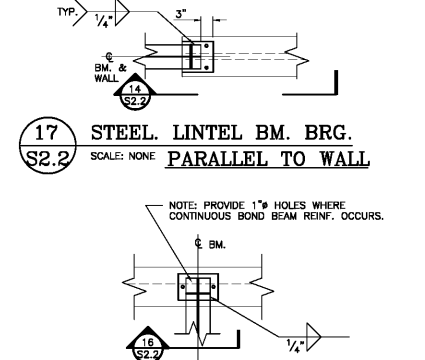
14 TYPICAL WIDE FLANGE LINTEL TO MASONRY WALL
S2.2 SCALE: NONE



15 TYPICAL TUBE STEEL LINTEL TO MASONRY WALL
S2.2 SCALE: NONE



16 TYPICAL BEAM TRANSVERSE TO LOAD BEARING WALL
S2.2 SCALE: NONE



17 STEEL LINTEL BM. BRG. PARALLEL TO WALL
S2.2 SCALE: NONE



18 STEEL LINTEL BM. BRG. PERPENDICULAR TO WALL
S2.2 SCALE: NONE

REVISIONS

NO.	DATE	DESCRIPTION

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PROJECT:
HENRY COUNTY SCHOOLS - DISTRIBUTION CENTER

CLIENT:
HENRY COUNTY BOARD OF EDUCATION

SHEET TITLE:
MASONRY DETAILS

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PROJECT NUMBER: 201827
DATE: 08.13.20
SCALE: AS NOTED
DRAWN BY: DSG
CHECKED BY: RWG

SHEET NO:
S2.2