

**DESIGNER NOTES:**

**JOINT REINFORCEMENT**

1. RECOMMEND USING LADDER TYPE JOINT REINFORCEMENT IN LIEU OF TRUSS TYPE JOINT REINFORCEMENT TO AVOID CONFLICTS WITH VERTICAL REINFORCEMENT.
2. SPACING OF HORIZONTAL JOINT REINFORCEMENT SHALL BE DETERMINED IN ACCORDANCE WITH CMHA TECHNICAL NOTE 009. SPACING IS TYPICALLY 16" ON CENTER FOR 8 IN. NOMINAL HEIGHT UNITS AND 12" ON CENTER FOR 4 IN. NOMINAL HEIGHT UNITS.
3. RECOMMEND USING STANDARD "HOOK AND EYE" TYPE JOINT REINFORCEMENT TO ANCHOR VENEER UNITS.
4. IF CONCRETE BRICK VENEER IS LAID IN OTHER THAN RUNNING BOND, PROVIDE TWO WIRES OF 9 GA. JOINT REINFORCEMENT AT 12" ON CENTER PER CMHA TECHNICAL NOTE 009.

**MORTAR JOINTS**

1. RECOMMEND SPECIFYING TO TOOL EXTERIOR MORTAR JOINTS TO A CONCAVE PROFILE.
2. RECOMMEND SPECIFYING TO STRIKE THE MORTAR JOINTS FLUSH ON THE OUTER FACE OF CMU WALL FOR CAVITY WALL CONSTRUCTION.
3. RECOMMEND SPECIFYING TYPE S MORTAR FOR CMU BACKUP WALL AND TYPE N MORTAR FOR MASONRY VENEER. CEMENT TYPE (MASONRY CEMENT, MORTAR CEMENT, OR PORTLAND CEMENT/LIME) IS REGIONAL AND BEST LEFT TO THE MASON CONTRACTOR IN SESIMIC DESIGN CATEGORIES A, B, AND C.

**REINFORCEMENT**

1. MINIMUM LAP SPLICE SHALL BE CALCULATED IN ACCORDANCE WITH TMS 402 PROVISIONS. CONTRACTOR MAY ELECT TO INCREASE LAP SPLICE LENGTH FOR "INTERNAL" WALL BRACING IN ACCORDANCE WITH MCAA STANDARD PRACTICE FOR BRACING MASONRY WALLS UNDER CONSTRUCTION.

