

AT EACH VERT. REINF. BAR (2'-8" O.C. MAX), PROVIDE BRACE ASSEMBLY OF (2) S.S. L3X3X3/16X8" LONG & (1) S.S. PL. 3/16"X4"X1'-7 3/4" LONG ATTACHED TO THERMAL LINING TILES W/ (4) #14 S.S. CONC. SCREWS (SEE DETAIL ON THIS SHEET) OMIT A SCREW IF IT FALLS WITHIN 1" OF A TILE JOINT, BUT DO NOT PROVIDE FEWER THAN 3 SCREWS PER ASSEMBLY.

WALL REINF. PER GEN. NOTES, CENTERED IN CELLS (U.O.N) FOR FULL HEIGHT OF WALL. BARS MUST EXTEND TO TOP OF WALL IN EACH REINF. CELL. PROVIDE EITHER A SINGLE FULL HEIGHT BAR, OR PROVIDE TWO BARS WITH 30" SPLICE AS SHOWN. GROUT CELLS CONTAINING VERT. BARS SOLID FULL HEIGHT.

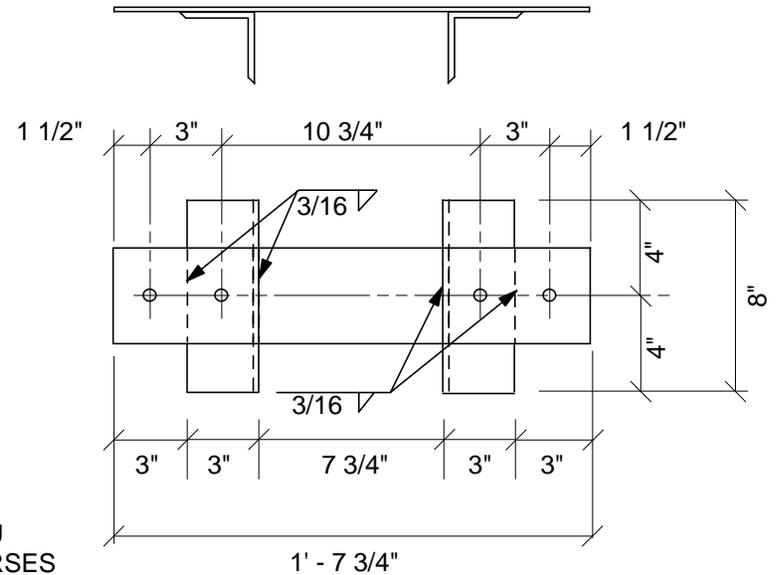
LOOSE LAID FIRE BRICK PLACED FLUSH AGAINST CMU (TYP) U.O.N.

3/4" GAP BETWEEN TOP OF WALL & BOTTOM OF THERMAL LINING.

CUT 2"X2" WINDOW IN FACE SHELL AT TOP OF CMU COURSE TO GROUT CELL SOLID (TYP). STRIKE OFF FLUSH.

8 INCH "H" (OPEN END) CMU AS REQUIRED IN TOP COURSES TO BUILD AROUND VERT. REINF. BARS.

WALLS ALSO HAVE HORIZONTAL REINF. @ 16" O.C. PER SPECIFICATIONS.



**WALL BRACING ASSEMBLY**  
Scale: 1 1/2" = 1'-0"

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## HIGH TEMPERATURE LININGS

### SYSTEM 203 DETAILS 2013

Prepared by High Temperature Linings  
P. O. Box 1240, White Stone, VA 22578  
800-411-6313 / [www.firetrain.com](http://www.firetrain.com)





