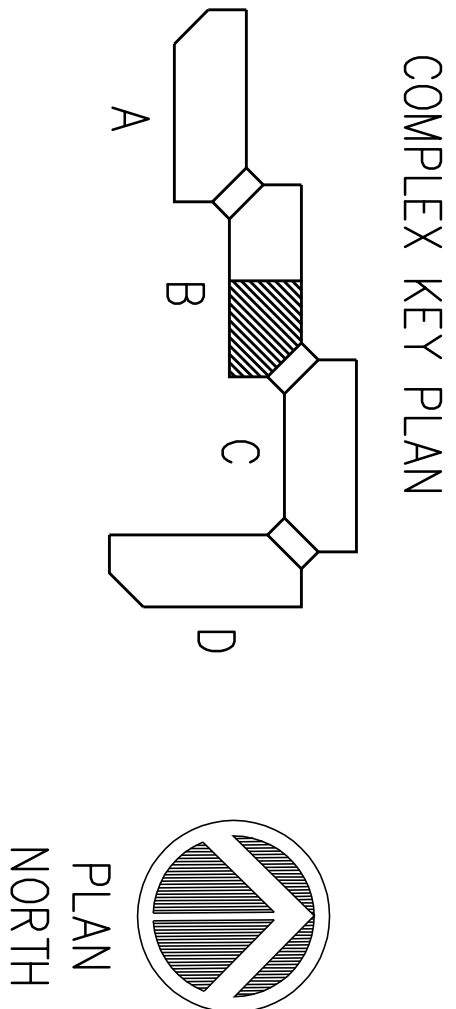


NO.		DATE	REVISION	
JOB NO.		09GTECWELDING	DATE 6/15/09	DRAWN BY JD

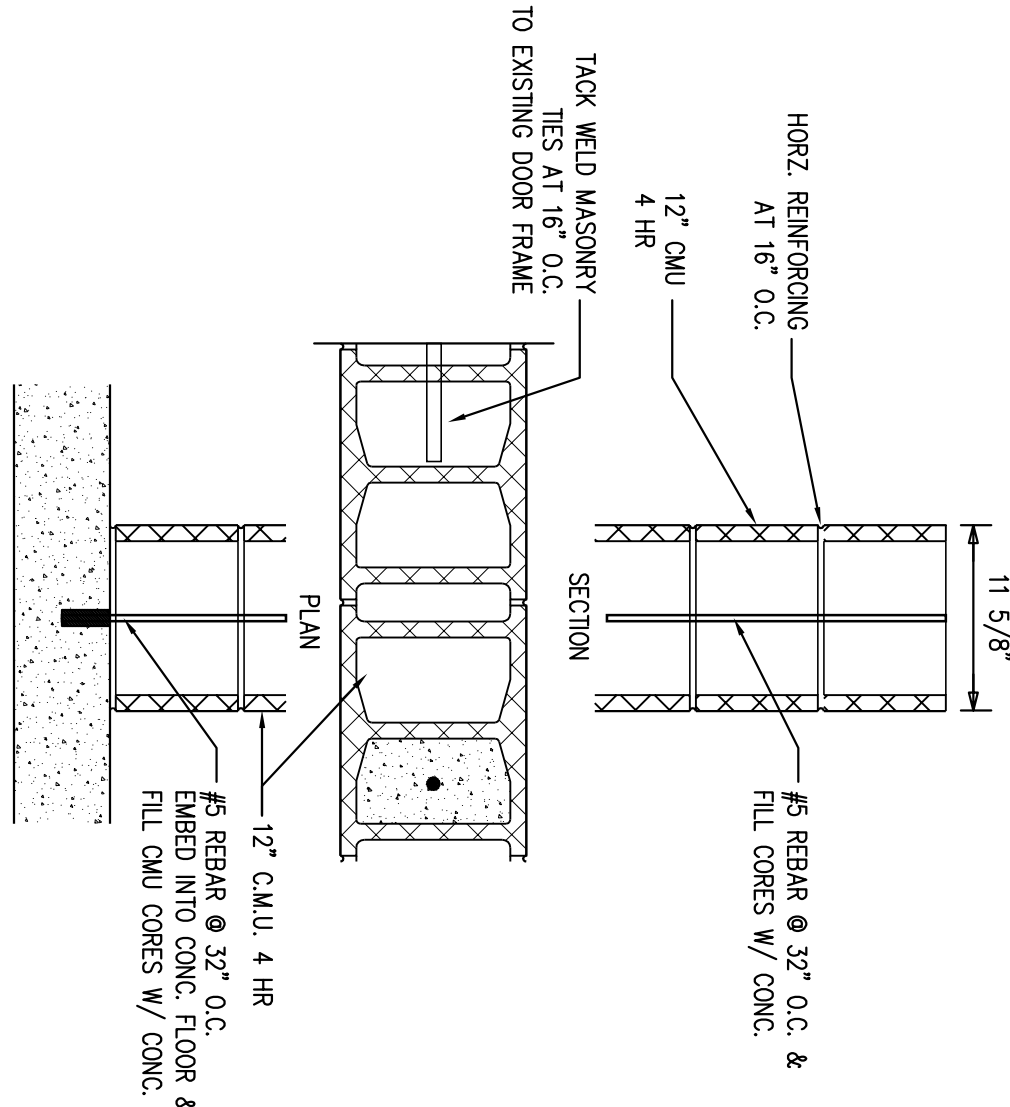
BUILDING SECTION

A4-1



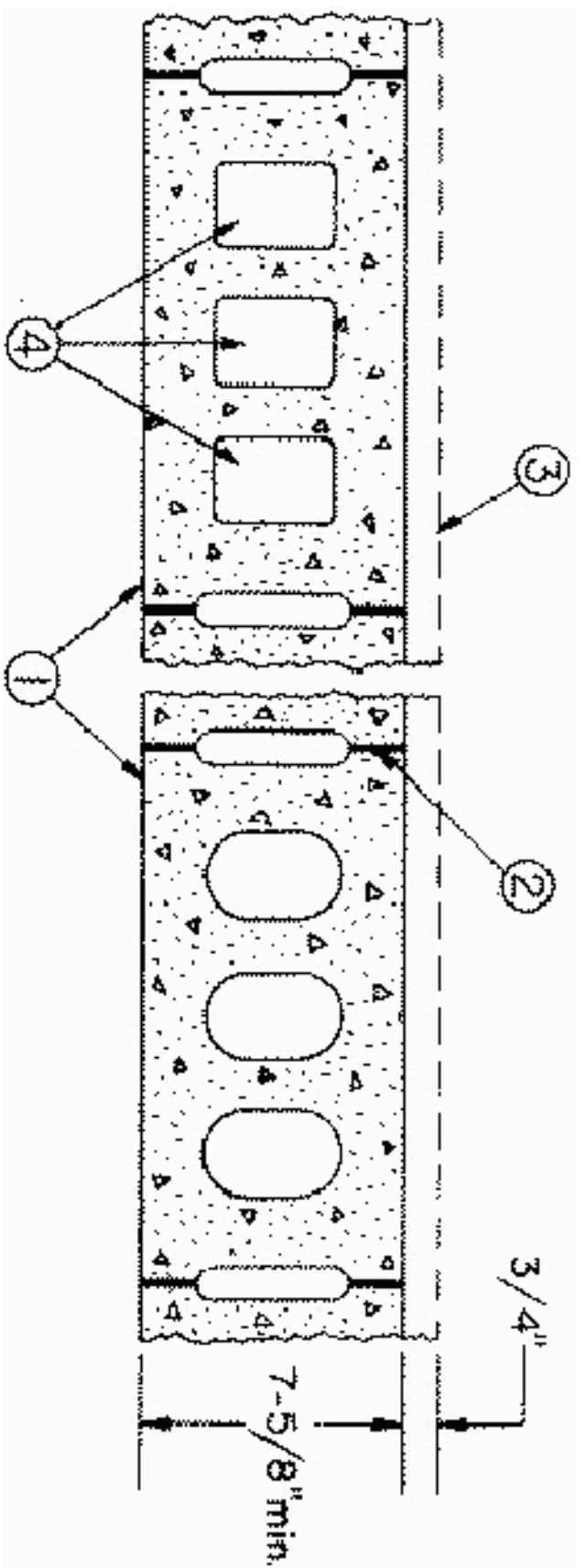
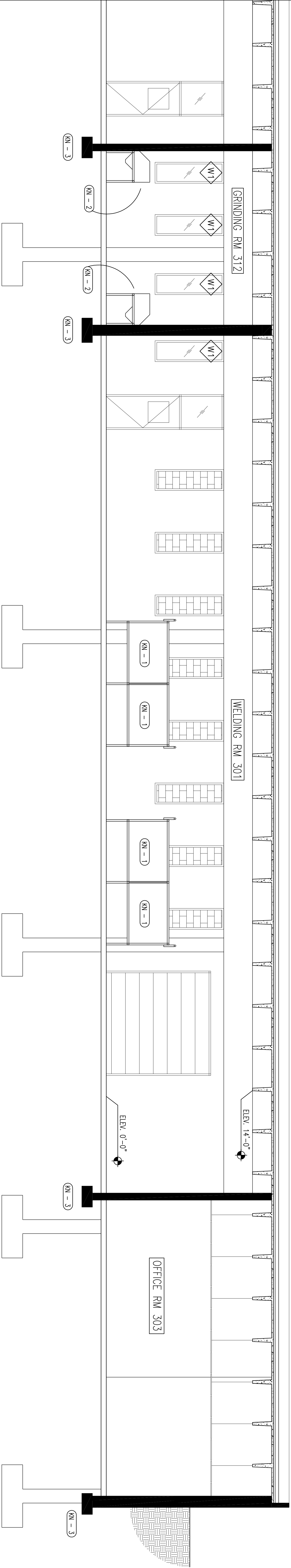
KEYNOTE LEGEND:

- (KN-1) 6' x 6' WELDING BOOTH SEE A7-1 FOR DETAILS
- (KN-2) 4' x 3' GRINDING BOOTH SEE A7-1 FOR DETAILS
- (KN-3) EXISTING WALL



WALL TYPE M2  
SCALE: 1" = 1'-0"  
4 HR. RATED A2 AS-1  
UL U901

BUILDING SECTION  
1/8" = 1'-0"  
A1 A4-1



- Concrete Blocks\* — Various designs. Classification B-4 (4 hr). See Concrete Blocks category for lists of eligible manufacturers.
- Mortar — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
- Portland Cement Stucco or Gypsum Plaster — If used, add 1/2 hr. to Classification.
- Loose Masonry Fill — If all core spaces are filled with loose dry expanded slag, burned clay or shale (rotary kiln process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation, Class D-2 (2 hr) or C-3 (3 hr) concrete blocks will provide a 4 hr fire resistance rating.

\*Bearing the UL Classification Mark