

### CEILING DETAILS

DOUBLED 2x6  
CEILING JOISTS  
STRAPPED TO  
WALLS  
3/4" PLYWOOD (TWO LAYERS)  
14-GAUGE STEEL  
1x2 FURRING STRIPS  
GLUED TO STEEL  
1/2" DRYWALL  
DOUBLED 2x4  
TOP PLATES

### WALL DETAILS

DOUBLED 2x4 STUDS  
14-GAUGE STEEL  
HORIZONTAL  
3/4" PLYWOOD  
VERTICAL  
3/4" PLYWOOD  
1/2" DRYWALL

### FLOOR ANCHORING DETAILS

STEEL STRAPPING  
TO HOLD STUDS  
TO PLATES  
3" x 1/4" STEEL WASHERS AND  
1/2" EPOXY-EMBEDDED BOLTS  
TO HOLD PLATES TO SLAB  
DOUBLE BOTTOM PLATES

### DOOR DETAILS

FOAM-FILLED 14-GAUGE  
STEEL DOOR  
16-GAUGE STEEL DOOR FRAME  
THREE DEADBOLTS DIRECTLY  
ACROSS FROM HINGES  
BALL-BEARING HINGES

