



AT CORNERS AND WHERE HEIGHT EXCEEDS 32', (2) 4"x8"x16" SOLID CMU SET FINALLY ON COMPACTED AND LEVELED GRADE FREE OF ORGANIC MATERIAL, PERPENDICULAR TO 8" CMU DOUBLE STACKED PIER. CMU SHALL ALTERNATE DIRECTION EACH COURSE VERTICAL BE CAPPED WITH (2) 4"x8"x16" SOLID CMU SURFACE BONDING CEMENT TO BE APPLIED TO CMU GRADE SHALL HAVE A BEARING CAPACITY MINIMUM OF 2,000 PSF. TOTAL PIER HEIGHT NOT TO EXCEED 52'

TE-DOWN STRAPS TO BE 1-1/4" x 0.035" TYPE-1, FRESH B, GRADE ONE ZINC COATED STEEL STRAPPING CONFORMING TO ASTM D3683-94 AND AZELLY AND CODE OF FEDERAL REGULATIONS 2680.306. TIE-DOWN STRAPS AND ALL RELATED HARDWARE TO HAVE A MINIMUM OF 3,150# WORKING CAPACITY. STRAP TO BE SECURED TO FLOOR FRAMING RUN BOARD AND TROUGH PLYWOOD SHEATHING INTO WOOD STUD FRAMING OVER URT AND DOWN OPPOSITE SIDE TO GROUND ANCHOR. ANCHOR STRAPS TO HAVE 5/8" DIA. SLOTTED, GLAV. STRAP BOLT AND BUCKLE.

4"x8"x16" CMU SOLID CAP, PROVIDE PRESSURE TREATED STRIPS BETWEEN CMU AND MOBILE FRAME TO LEVEL.

8"x8"x16" CMU SINGLE STACK WITH SURFACE BONDING CEMENT. IF BLOCK EXTENDS MORE THAN 32" ABOVE GRADE, USE DOUBLE STACKED CMU ALTERNATING DIRECTION EACH COURSE AND CAP WITH (2) 4"x8"x16" SOLID CMU. GROUND ANCHOR SET AT 0 TO 10 DEGREES.

DOUBLE DISK GROUND ANCHOR (BY MFG/TE MAN OR EQUAL) SPACED AS INDICATED (TYP.)

(2) 4"x8"x16" SOLID CMU SET FINALLY ON COMPACTED AND LEVELED GRADE FREE OF ORGANIC MATERIAL, PERPENDICULAR TO 8" CMU PIER. GRADE SHALL HAVE A BEARING CAPACITY MINIMUM OF 2,000 PSF. (TYP.)



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**MOBILE CLASSROOM FOUNDATION PLAN**  
 1  
 1/4" = 1'-0"

NOTES:  
 1) STRUCTURE SHALL NOT EXCEED A SINGLE STORY. FRAMING SHALL EITHER BE MODULAR OR STICK FRAMED IN ACCORDANCE WITH CHAPTERS 5 THRU 9 OF THE NORTH CAROLINA BUILDING CODE.  
 2) LIVE LOAD ON FLOOR SHALL NOT EXCEED 40PSF