

BUILDING ENTRANCE DETAIL

**TELECOMMUNICATIONS
MAIN GROUNDING
BUSBAR
(TMGB)**

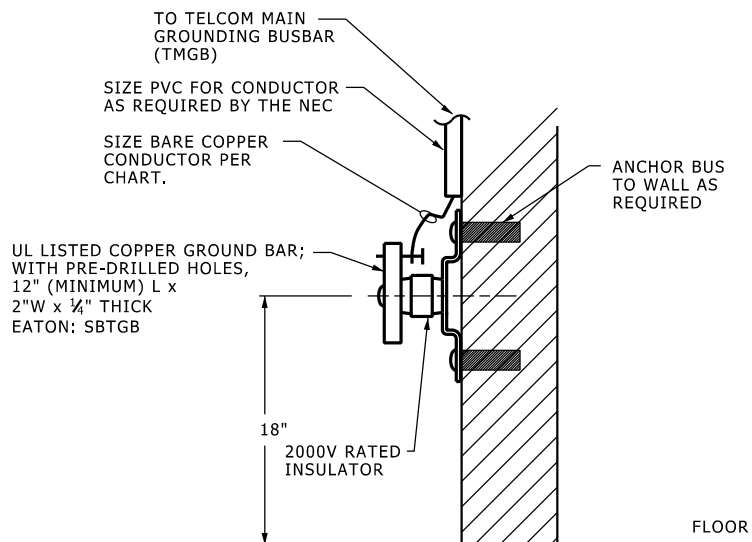
NOTES:
BONDING CONDUCTORS FOR TELECOMMUNICATIONS SHOULD BE SIZED USING ENGINEERED CALCULATIONS.

PART NUMBERS ARE BASED ON COOPER/EATON. OTHER APPROVED MANUFACTURERS; PANDUIT, LEGRAND, AND HUBBELL.

TWO-HOLE COMPRESSION LUGS AND JOINT COMPOUND SHALL BE USED FOR ALL TERMINATIONS.

GROUND BUS DETAILS - TELCOM

NO SCALE



TELCOM ROOM DETAIL

**TELECOMMUNICATIONS
GROUNDING BUSBAR
(TGB)**

TELECOMMUNICATIONS BONDING BACKBONE LINEAR LENGTH	TELECOMMUNICATIONS BONDING BACKBONE CONDUCTOR SIZE
LESS THAN 13'	AWG #6
14' - 20'	AWG #4
21' - 26'	AWG #3
27' - 33'	AWG #2
34' - 41'	AWG #1
42' - 52'	AWG #1/0
53' - 66'	AWG #2/0
67' - 84'	AWG #3/0
85' - 105'	AWG #4/0
106' - 125'	AWG 250kcmil
126' - 150'	AWG 300kcmil
151' - 175'	AWG 350kcmil
176' - 250'	AWG 500kcmil
251' - 300'	AWG 600kcmil
GREATER THAN 301'	AWG 750kcmil