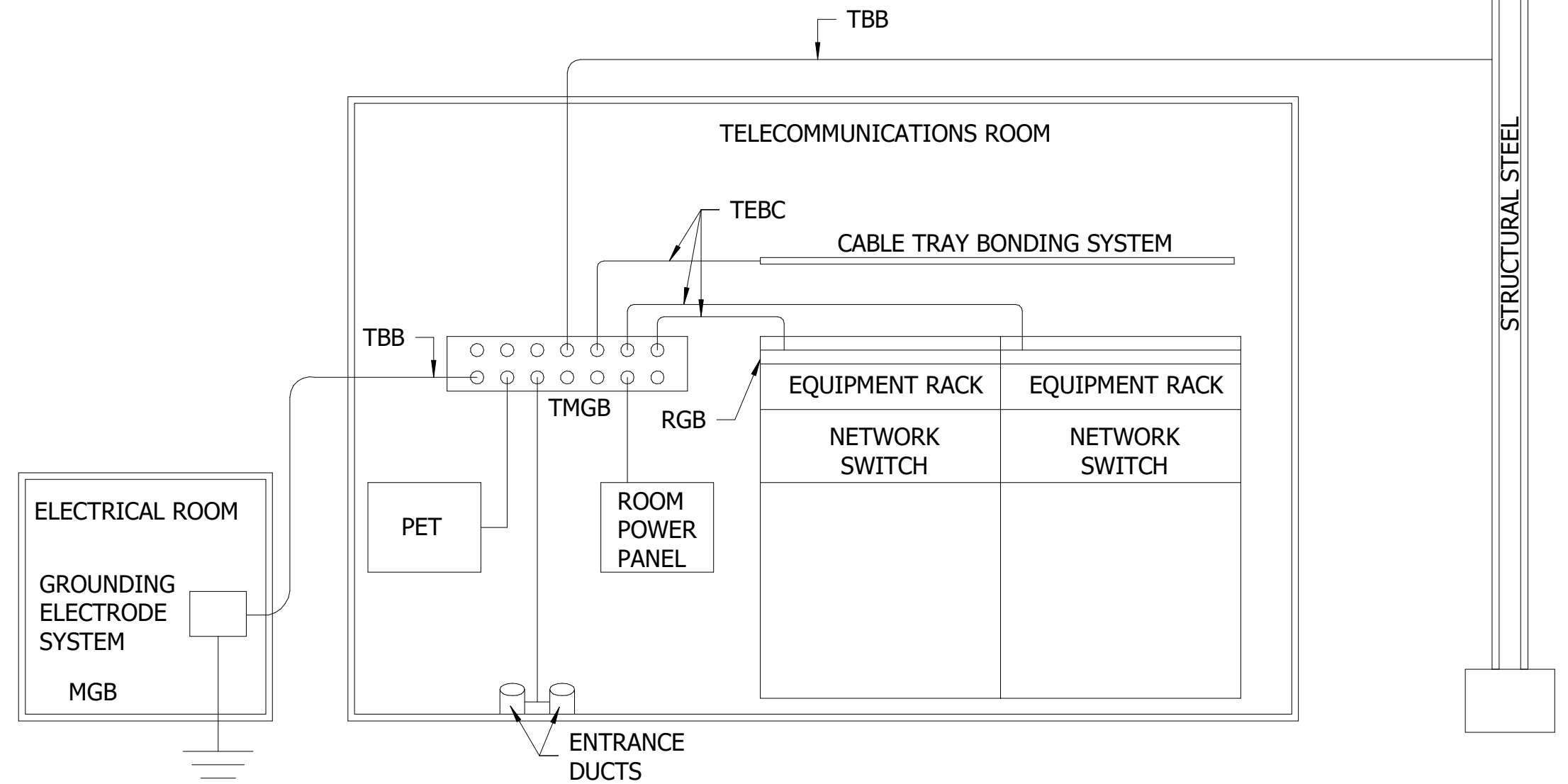
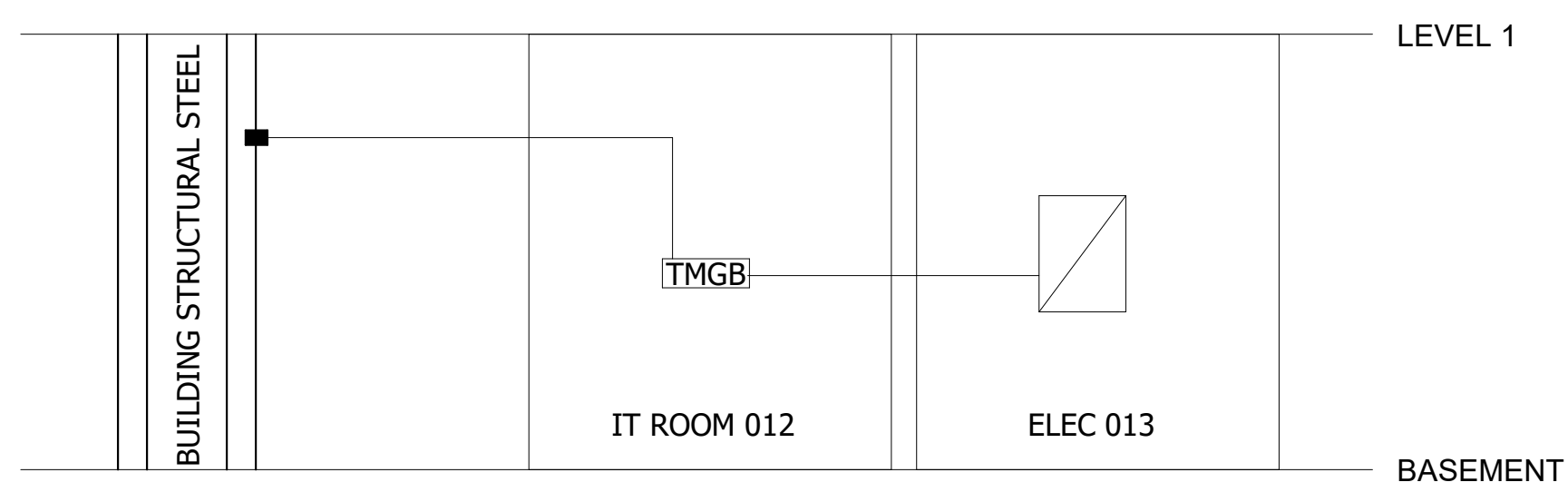


1 TELECOMMUNICATIONS BUILDING RISER DIAGRAM
N.T.S.



2 TYPICAL TELECOMMUNICATIONS ROOM GROUNDING DIAGRAM
N.T.S.



3 GROUNDING AND BONDING DIAGRAM
N.T.S.

ANSI/TIA-607-D TBB CONDUCTOR SIZE CHART	
TBB/GE LINEAR LENGTH (FEET)	AWG #
LESS THAN 13	6
14 - 20	4
21 - 26	3
27 - 33	2
34 - 41	1
42 - 52	1/0
53 - 66	2/0
67 - 84	3/0
85 - 105	4/0
106 - 125	250 kcmil
126 - 150	300 kcmil
151 - 175	350 kcmil
176 - 250	500 kcmil
251 - 300	600 kcmil
GREATER THAN 301	750 kcmil

BONDING RISER LEGEND

ELECTRICAL
ENTRANCE SERVICE
PANEL BOARD

ELECTRICAL
PANEL
BOARD

TMGB

TELECOMMUNICATIONS
MAIN GROUNDING BUSBAR

TGB

TELECOMMUNICATIONS
GROUNDING BUSBAR

BONDING CONNECTION

BrightTree
STUDIOS

301 BRUSH CREEK RD
WARRENDALE, PA 15086
412-212-7515

VERIFY SCALE

BAR IS ONE (1) INCH LONG
ON ORIGINAL DRAWING:
0 1

IF BAR IS NOT ONE (1) INCH LONG,
ADJUST SCALE ACCORDINGLY

CONTRACTOR SHALL FIELD VERIFY
ALL DIMENSIONS.
VARIANCE FROM CONTRACT
DOCUMENTS NOT PERMITTED
WITHOUT PROFESSIONAL & BUREAU
OF CONSTRUCTION APPROVAL.

RECORD REVISIONS

BRUCE J YOCH
BICSID # 226260
EXPIRES 12-31-25
RCBO

PROFESSIONAL'S SIGNATURE DATE

UpStreet ARCHITECTS, INC.
541 PHILADELPHIA ST. INDIANA, PA 15701
911 MENOHER BLVD. JOHNSTOWN, PA 15905

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG, PENNSYLVANIA

D.G.S. PROJECT No:
C-0588-0015 PHASE 1

LOYSVILLE YOUTH DEVELOPMENT CENTER-
RENOVATIONS TO ZIMMERMAN-
BINGAMAN (ZB) COTTAGE
DEPARTMENT of HUMAN SERVICES
LOYSVILLE, TYRONE TOWNSHIP, PERRY COUNTY, PA

TELECOM RISER DIAGRAM

DRAWN BY
CF

CHECKED BY
DV

DATE
27 JUNE 2023

SCALE
NTS

SHEET No.
TT-501