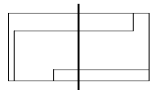




Key Plans



Professional Seal
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Project No. 18-16013-00
 Sheet Title

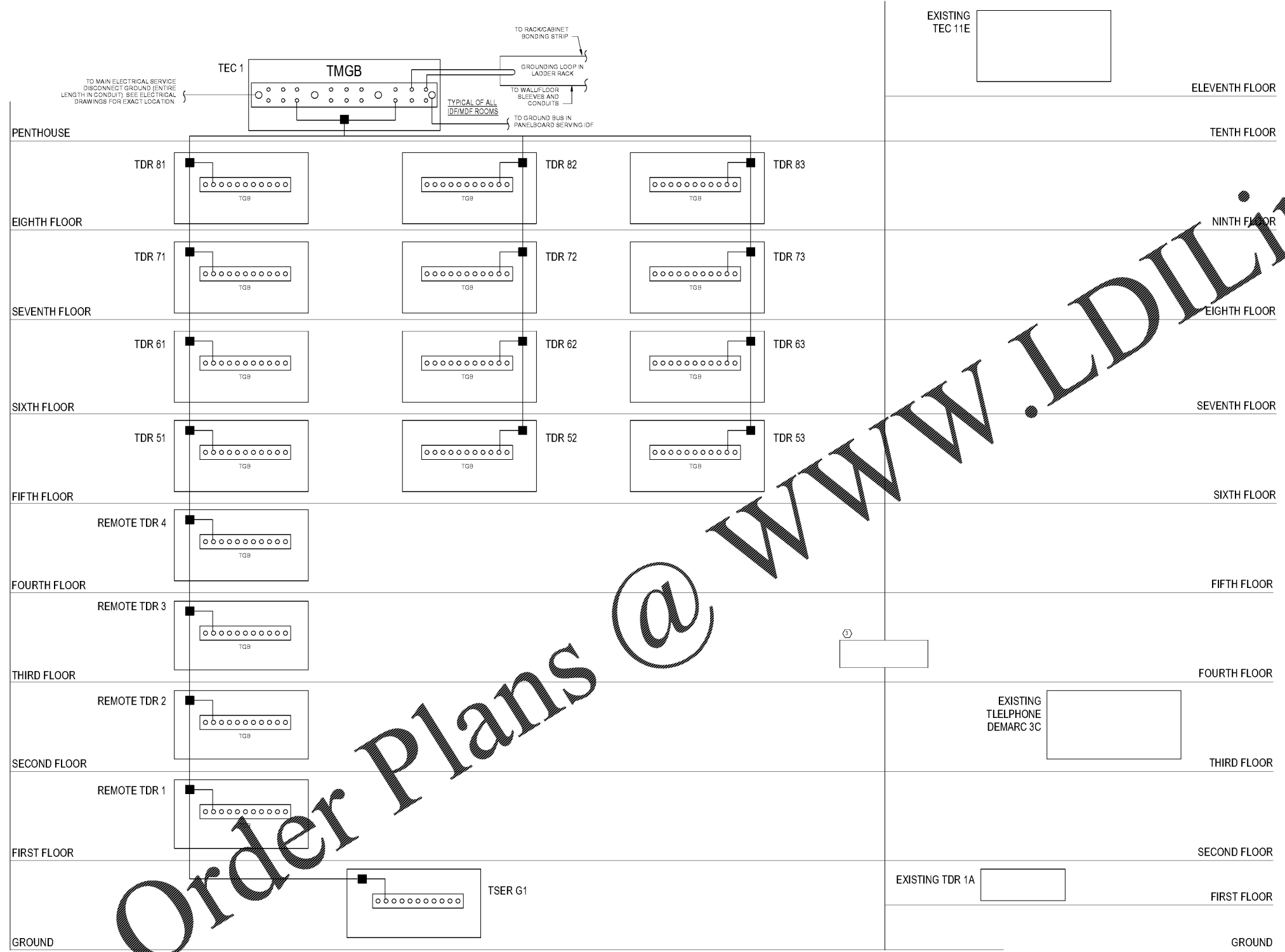
**TECHNOLOGY RISER
 DIAGRAM -
 GROUNDING**

Original is 30 x 42. Do not scale contents of this drawing.
 Sheet Number

T506

NEW GRADY CASS

EXISTING GRADY CAMPUS



ABBREVIATIONS/SYMBOL SCHEDULE

- DENOTES GROUNDING H-TAP
- DENOTES BONDING BACKBONE
- TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) MOUNTED ON STANDOFF INSULATORS
- TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) MOUNTED ON STANDOFF INSULATORS

TECHNOLOGY GENERAL NOTES

1. ALL GROUNDING BARS SHALL BE MOUNTED TO THE PLYWOOD BACKBOARD IN THE TELECOM ROOMS. BAR SHALL BE EQUIPPED WITH STANDOFFS FOR ISOLATION FROM THE PLYWOOD.
2. ALL GROUND CONNECTIONS SHALL BE MADE WITH CRIMP LUGS ONLY. THIS APPLIES TO ALL CONNECTIONS TO THE GROUND BAR AND THE CONNECTIONS TO THE ASSOCIATED EQUIPMENT.
3. ALL CONNECTIONS TO THE BUILDING STEEL SHALL BE VIA EXOTHERMIC WELD.
4. GROUNDING CONDUCTOR SHALL BE A MINIMUM OF #6 AWG.

TBB LENGTH LINEAR M (FT)	TBB SIZE AWG
LESS THAN 4 (13)	6
4-6 (14-20)	4
6-8 (21-26)	3
8-10 (27-33)	2
10-13 (34-41)	1
13-16 (42-52)	1/0
16-20 (53-66)	2/0
GREATER THAN 20 (66)	3/0

1 TELECOMMUNICATIONS GROUNDING RISER DIAGRAM
 1/2" = 1'-0"

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