

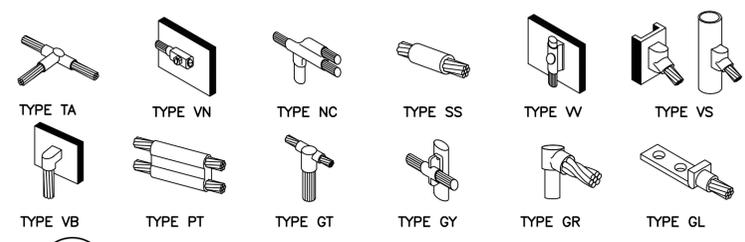
1 ANTENNA GROUNDING DETAIL
G-1 NTS

NOTE: NO NEW EQUIPMENT LOAD ON EXISTING AC PANEL

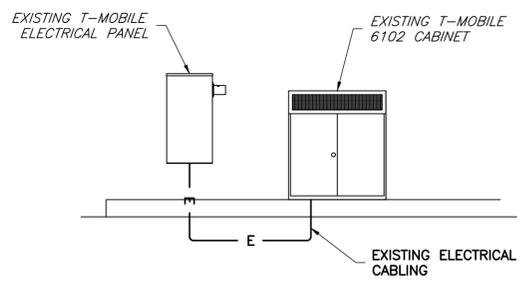
ELECTRICAL PANEL									
PANEL NAME: T-MOBILE		120/240 VOLTS		3 WIRE		1 PHASE		MAIN BREAKER: 100A	
CCT #	LOAD DESCRIPTION	LOAD (VA)	POLE	AMP	AMP	POLE	LOAD (VA)	LOAD DESCRIPTION	CCT #
1	DISCONNECT #1	0	2	20	100	2	9600	6102	2
3		0					9600		4
5	DISCONNECT #2	0	2	20	20	1	0	UNKNOWN	6
7		0					0		8
9	RECEPTACLE	360	1	20	20	2	0	UNKNOWN	10
11	UNKNOWN	0	2	20			0		12
13	UNKNOWN	0	2	20	60	2	0	SURGE SUPPRESSOR	14
15	UNKNOWN	0					0		16
17	UNKNOWN	0	2	20				EMPTY	18

TOTAL CONNECTED LOAD (VA): 19,560
 MAXIMUM LOAD CURRENT (A): 81.5
 PANEL CAPACITY (A): 100
 SPARE CAPACITY (A): 18.5

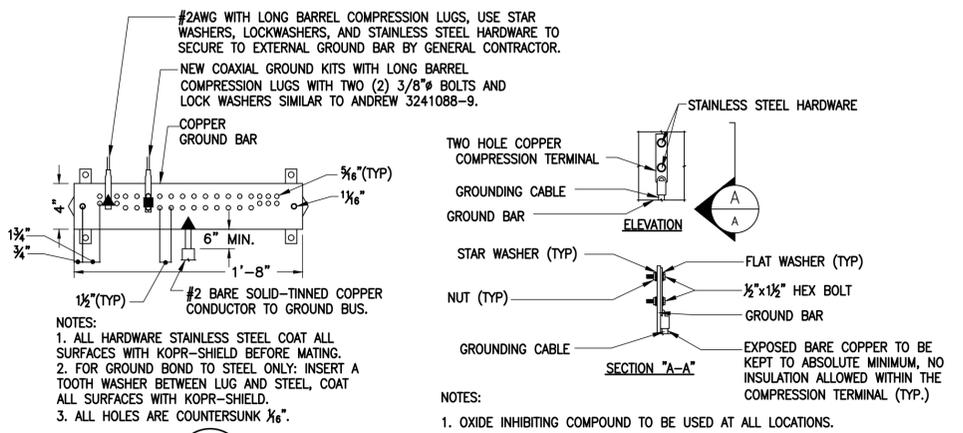
2 PANEL SCHEDULE
G-1 NTS



4 CADWELD GROUNDING CONNECTION DETAILS
G-1 NTS



3 POWER DIAGRAM
G-1 NTS



5 GROUNDING BAR CONNECTIONS
G-1 NTS

GROUNDING LEGEND	
■	MECHANICAL FITTING CONNECTION
▲	CADWELD CONNECTION
●	EXOTHERMIC WELD CONNECTION
—	PROPOSED GROUND WIRING
- - - - -	EXISTING GROUND WIRING

T-Mobile
 T-MOBILE NORTHEAST LLC
 12050 BALTIMORE AVENUE
 BELTSVILLE, MD 20705
 OFFICE: (240) 264-8600
 FAX: (240) 264-8610

NB+C
 TOTALLY COMMITTED.
 NB+C ENGINEERING SERVICES, LLC.
 6095 MARSHLEE DRIVE, SUITE 300
 ELK RIDGE, MD 21075
 (410) 712-7092

7WAC050A
 WHITE OAK TOWER
 301 MAPLE AVENUE WEST
 VIENNA, VA 22180
 TOWN OF VIENNA

REVISIONS			
REV	DATE	DESCRIPTION	BY
0	06/10/20	FINAL CD's	CAR

DocuSigned by:

 TRENT TRAVIS SNARR
 Lic. No. 049978
 06/10/20
 PROFESSIONAL ENGINEER

TRENT TRAVIS SNARR, P.E.
 VIRGINIA PROFESSIONAL ENGINEER
 LICENSE #049978

ELECTRICAL & GROUNDING DETAILS

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