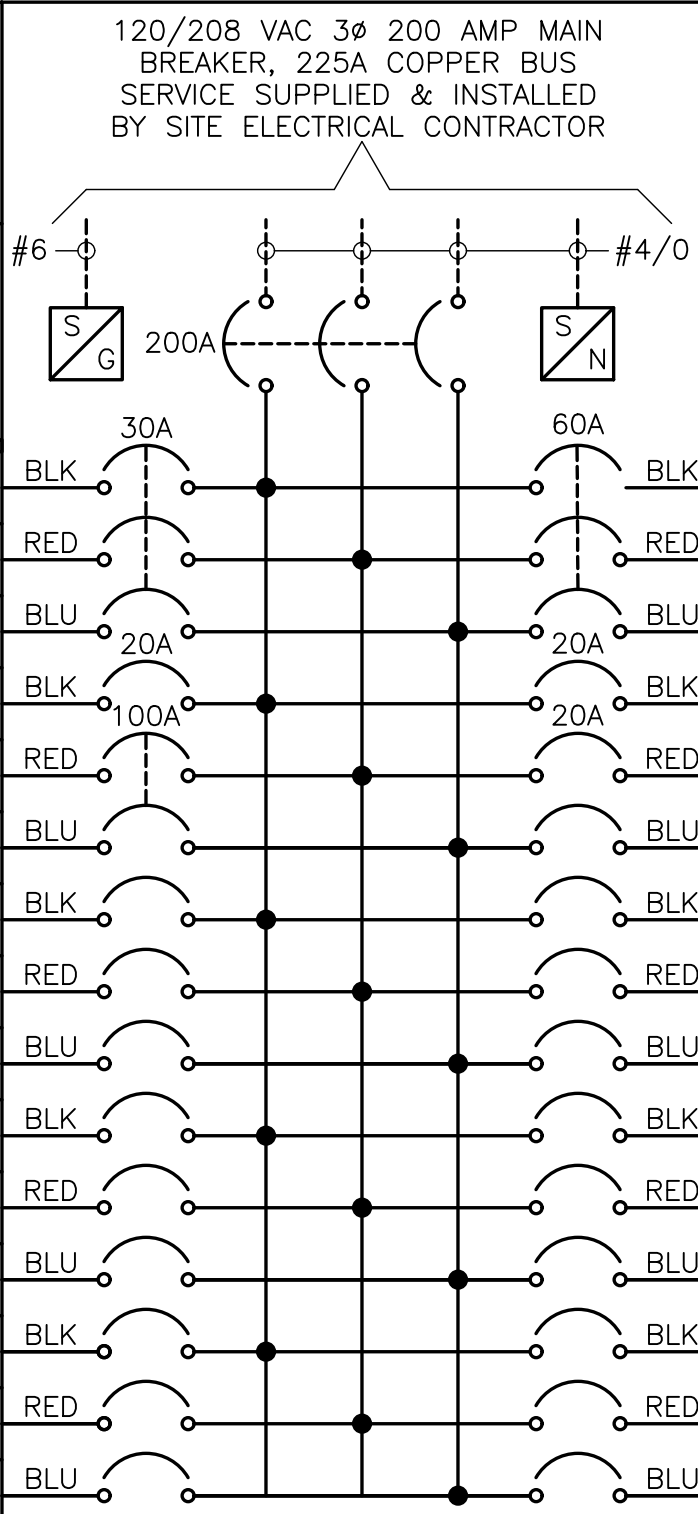


PANEL CIRCUIT AND LOAD SCHEDULE													
LOAD				LOAD PER PHASE (VA)			LOADS CONTINUOUS	LOADS NON-CONTINUOUS	TRIP	POLES	WIRE SIZE	A.I.C.	WIRE TYPE
DESCRIPTION		QTY.	UNIT V.A.	PHASE									
				A	B	C							
1	(P) TVSS (PA120Y)	1	0	0	/	/	X		30	3	10	10,000	THHN
3		1	0	/	0	/	X		30	3	10	10,000	THHN
5		1	0	/	/	0	X		30	3	10	10,000	THHN
7	(P) 6160 GFCI	1	360	360	/	/		X	20	1	10	10,000	THHN
9	(P) 6160 CABINET	1	7,000	/	7,000	/		X	100	2	1	10,000	THHN
11		1	7,000	/	/	7,000		X	100	2	1	10,000	THHN
13	SPACE	1	—	—	/	/						10,000	THHN
15	SPACE	—	—	/	—	/						10,000	THHN
17	SPACE	—	—	/	/	—						10,000	THHN
19	SPACE	—	—	—	/	/						10,000	THHN
21	SPACE	—	—	/	—	/						10,000	THHN
23	SPACE	—	—	/	/	—						10,000	THHN
25	SPACE	—	—	—	/	/						10,000	THHN
27	SPACE	—	—	/	—	/						10,000	THHN
29	SPACE	—	—	/	/	—						10,000	THHN
		SUBTOTAL CONTINUOUS		—	—	—							
		SUBTOTAL NON-CONTINUOUS		360	7000	7000							
VOLTAGE: 120/208		CYCLE: 60				PHASE: 3				WIRE: 4			
MAIN BREAKER: 200 AMP		A.I.C.: 65K											
MAIN LUGS: 225A AMPS													
MAIN COPPER BUS: 225 AMPS													
MAINS: TOP ☒ BOTTOM ☐													

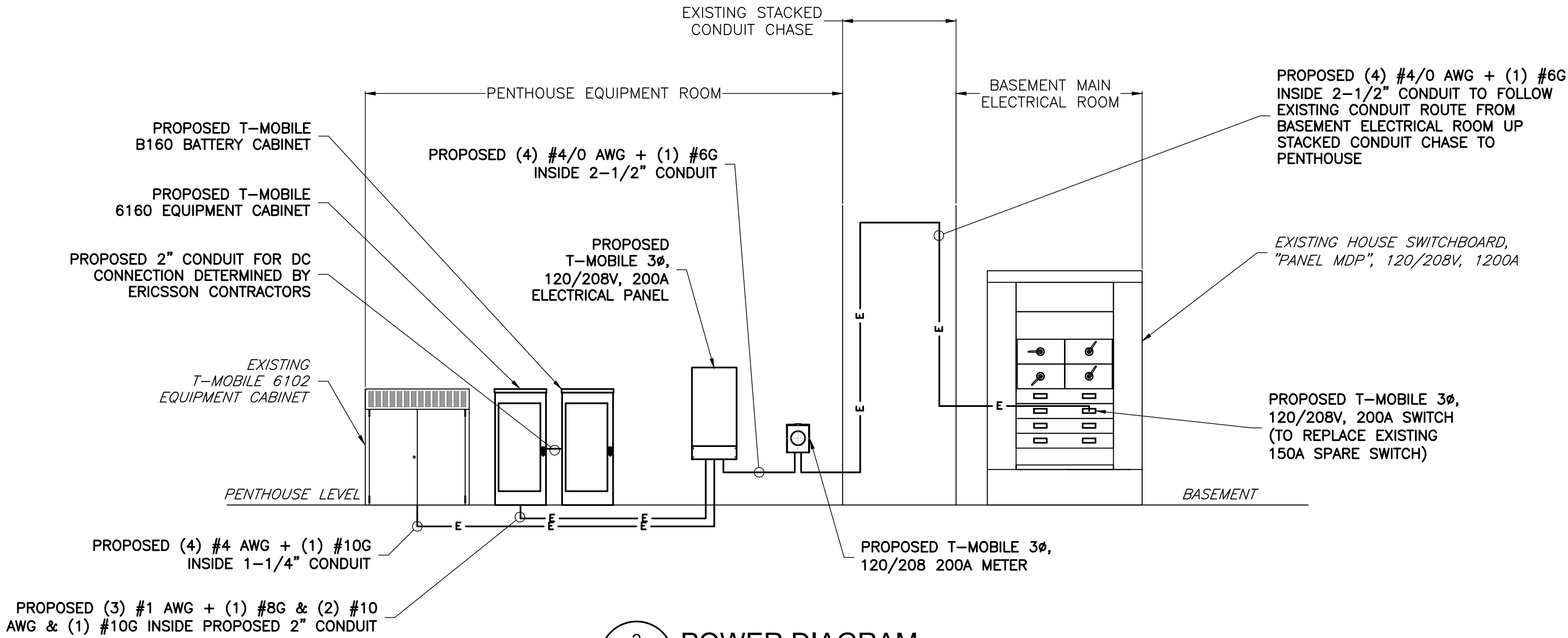


SERVICE: 120/208 VAC													
DESIGNATION: AC POWER PANEL													
LOCATION: T-MOBILE EQUIPMENT AREA													
WIRE TYPE	A.I.C.	WIRE SIZE	POLES	TRIP	LOADS NON-CONTINUOUS	LOADS CONTINUOUS	LOAD PER PHASE (VA)			LOAD			
							PHASE			UNIT V.A.	QTY.	DESCRIPTION	
							A	B	C				
THHN	10,000	4	3	60	X		5,760			5,760	1	(E) 6102 CABINET	2
THHN	10,000	4	3	60	X			5,760		5,760	1		4
THHN	10,000	4	3	60	X				5,760	5,760	1		6
THHN	10,000	12	1	20	X		360			360	1	(E) RECEPTACLE	8
THHN	10,000	12	1	20	X			240		240	1	(E) LIGHT	10
THHN	10,000								—	—	—	SPACE	12
THHN	10,000						—			—	—	SPACE	14
THHN	10,000							—		—	—	SPACE	16
THHN	10,000								—	—	—	SPACE	18
THHN	10,000						—			—	—	SPACE	20
THHN	10,000							—		—	—	SPACE	22
THHN	10,000								—	—	—	SPACE	24
THHN	10,000						—			—	—	SPACE	26
THHN	10,000							—		—	—	SPACE	28
THHN	10,000								—	—	—	SPACE	30
							—	—	—	SUBTOTAL CONTINUOUS		TOTAL KVA CONTINUOUS	0.0
							6120	6000	5760	SUBTOTAL NON-CONTINUOUS			
MANUFACTURER: SQUARE D											TOTAL KVA		32.24
MODEL NUMBER: NQ430L2C, MH44, NC44F, JGL36200, NQMB2HJ											TOTAL AMPS		89.49
NO EQUAL: ☐ APPROVED EQUAL: ☒													
MOUNTING: SURFACE: ☒ FLUSH: ☐													

1 PANEL SCHEDULE
E-1 NTS

- GENERAL CONTRACTOR TO PERFORM THE FOLLOWING UPON INSTALLATION OF THE T-MOBILE EQUIPMENT:
1. INSTALL ALL BAKELITE LABELS (T-MOBILE) ON METER CAN AND ALL EQUIPMENT CABINETS.
 2. LABEL T-MOBILE BREAKER AT THE EXISTING SWITCHGEAR/DISTRIBUTION PANEL AND UPDATE THE POWER PANEL ASSIGNMENT SCHEDULE.
 3. LABEL ALL CONDUITS AT EACH FLOOR OR EVERY 20' THROUGH THE BUILDING USING STENCILS AND SPRAY-PAINT.

ELECTRICAL LEGEND			
	SAFETY DISCONNECT SWITCH	A	AMPERE
	PANEL BOARD	C	CONDUIT
	KILOWATT HOUR METER	EMT	ELECTRICAL METALLIC TUBING
	TRANSFORMER	G	GROUND
	CIRCUIT BREAKER	GFI	GROUND FAULT INTERRUPTING
	MANUAL TRANSFER SWITCH	KWH	KILOWATT HOUR
	AC GENERATOR CONNECTOR	MCB	MAIN CIRCUIT BREAKER
	WEATHERPROOF GFI DUPLEX RECEPTACLE	P	POLE
	ELECTRICAL WIRING	SW	SWITCH
	TELCO WIRING	V	VOLT
		W	WIRE



2 POWER DIAGRAM
E-1 NTS

APPLICANT

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

ENGINEER

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

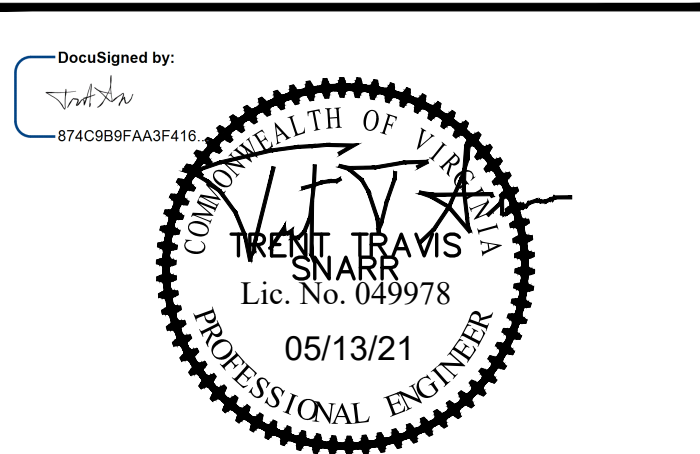
SITE INFORMATION

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

DESIGN RECORD

REVISIONS			
0	05/13/21	FINAL CDs	AMM
REV	DATE	DESCRIPTION	BY

PROFESSIONAL STAMP



ENGINEER

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

SHEET TITLE

**ELECTRICAL
DETAILS**

SHEET NUMBER

E-1