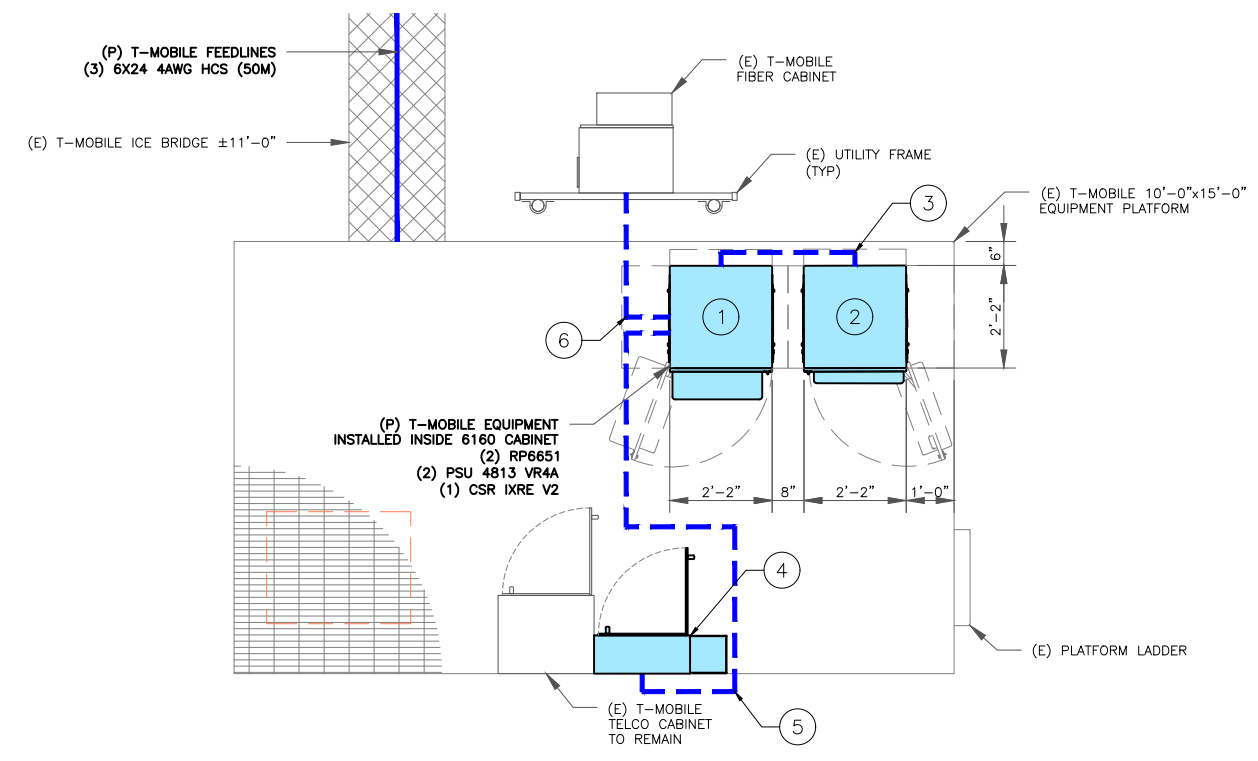


1 EXISTING EQUIPMENT PLAN  
 SCALE: 1/2"=1'-0" (FULL SIZE)  
 1/4"=1'-0" (11x17)

**EQUIPMENT LEGEND:**

	EXISTING
	TO BE RELOCATED/REMOVED
	NEW/RELOCATED



2 FINAL EQUIPMENT PLAN  
 SCALE: 1/2"=1'-0" (FULL SIZE)  
 1/4"=1'-0" (11x17)

**KEYED NOTES**

1. PROPOSED ENCLOSURE 6160 CABINET ATTACHED TO PAD AT EACH CORNER PER MANUFACTURER'S SPECIFICATIONS. GROUND CABINET WITH MECHANICAL 2-LUG CONNECTION & #2 TINNED SOLID COPPER IN 3/4" NON METALLIC FLEX. CONDUIT TO EXISTING EQ. GROUND (TYP)
2. PROPOSED ENCLOSURE B160 BATTERY CABINET ATTACHED TO PAD AT EACH CORNER PER MANUFACTURER'S SPECIFICATIONS. GROUND CABINET W/MECHANICAL 2-LUG CONNECTION & #2 TINNED SOLID COPPER IN 3/4" NON METALLIC FLEX. CONDUIT TO EXISTING EQ. GROUND. (TYP)
3. PROPOSED (2) 2" CONDUITS WITH PULLSTRINGS FROM PROPOSED ENCLOSURE 6160 CABINET TO PROPOSED ENCLOSURE B160 BATTERY CABINET.
4. PROPOSED PPC CABINET W/CAM-LOK GEN PLUG ATTACHED TO EXISTING HANDRAIL. MAINTAIN 36"x48" CLEARANCE IN FRONT OF PANEL. GROUND PER MANUFACTURER DETAILS.
5. PROPOSED (1) 2" CONDUIT FROM EXISTING PPC TO PROPOSED ENCLOSURE 6160 CABINET.
6. PROPOSED (1) 2" CONDUIT FROM PROPOSED 6160 CABINET FOR TELCO/FIBER CONNECTIVITY. FINAL CONNECTION REQUIREMENTS TBD.

EXISTING LEGACY CABINETS TO BE REMOVED AFTER THE PROPOSED T-MOBILE EQUIPMENT IS ON AIR & LEGACY EQUIPMENT IS WILTED.

**EQUIPMENT NOTE**

THE CABINETS ARE CONSTRUCTED OF NONCOMBUSTIBLE MATERIALS TO MEET THE REQUIREMENTS OF THE CURRENT NFPA 77 EDITION 2018. CABINET CONSTRUCTION THAT PASSED A SIMULATED BRUSH FIRE TEST TO DEMONSTRATE COMPLIANCE TO TELCORDIA GR-487-CORE SECTION 3.39 FIRE RESISTANCE REQUIREMENT R3-265. REFER TO THE NATIONAL TECHNICAL SYSTEMS (NTS) REPORT NO. PR067628-GR487.

**CONDUIT NOTE**

UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC CONDUIT (MEET NEMA TC2 - 1990). EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL CONDUIT BEFORE RISING ABOVE GRADE. PLUG AND CAP EACH END OF SPARE OR EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LB. TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MIN. OF 24" RADIUS. RGS CONDUITS, WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE W/ THREADED RIGID CONDUIT. LIQUIDTIGHT FLEX METAL CONDUIT (LFMC) IS ACCEPTABLE ABOVE GRADE, AS REQUIRED AND NECESSARY. CONDUITS MUST BE CONTINUOUS THROUGH STUB-UP AREA.

**DISCLAIMER:**  
 PROPOSED CONDUIT ROUTES DEPICTED HEREIN ARE DIAGRAMMATIC IN NATURE. UTILIZE BEST PRACTICES WHEN ROUTING PROPOSED CONDUIT TO MINIMIZE INTERFERENCE WITH EXISTING OR FUTURE EQUIPMENT.

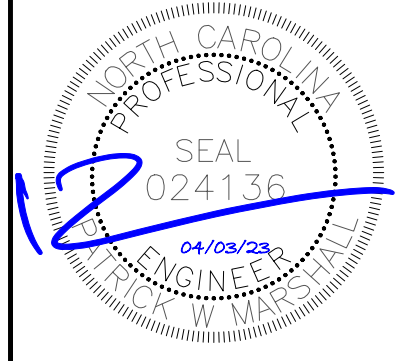


**T-MOBILE SITE NUMBER:**  
5RA0856A

**ADDRESS:**  
2516/2700 HOMESTEAD RD  
CHAPEL HILL NC, 27516

**SITE TYPE:**  
98' TRANSMISSION TOWER  
SPRINT RETAIN

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	10/21/22	RLB	PRELIM	RSW
0	2/6/23	RSW	FOR CONSTRUCTION	RSW
1	4/3/23	RSW	1A UPDATE	RSW






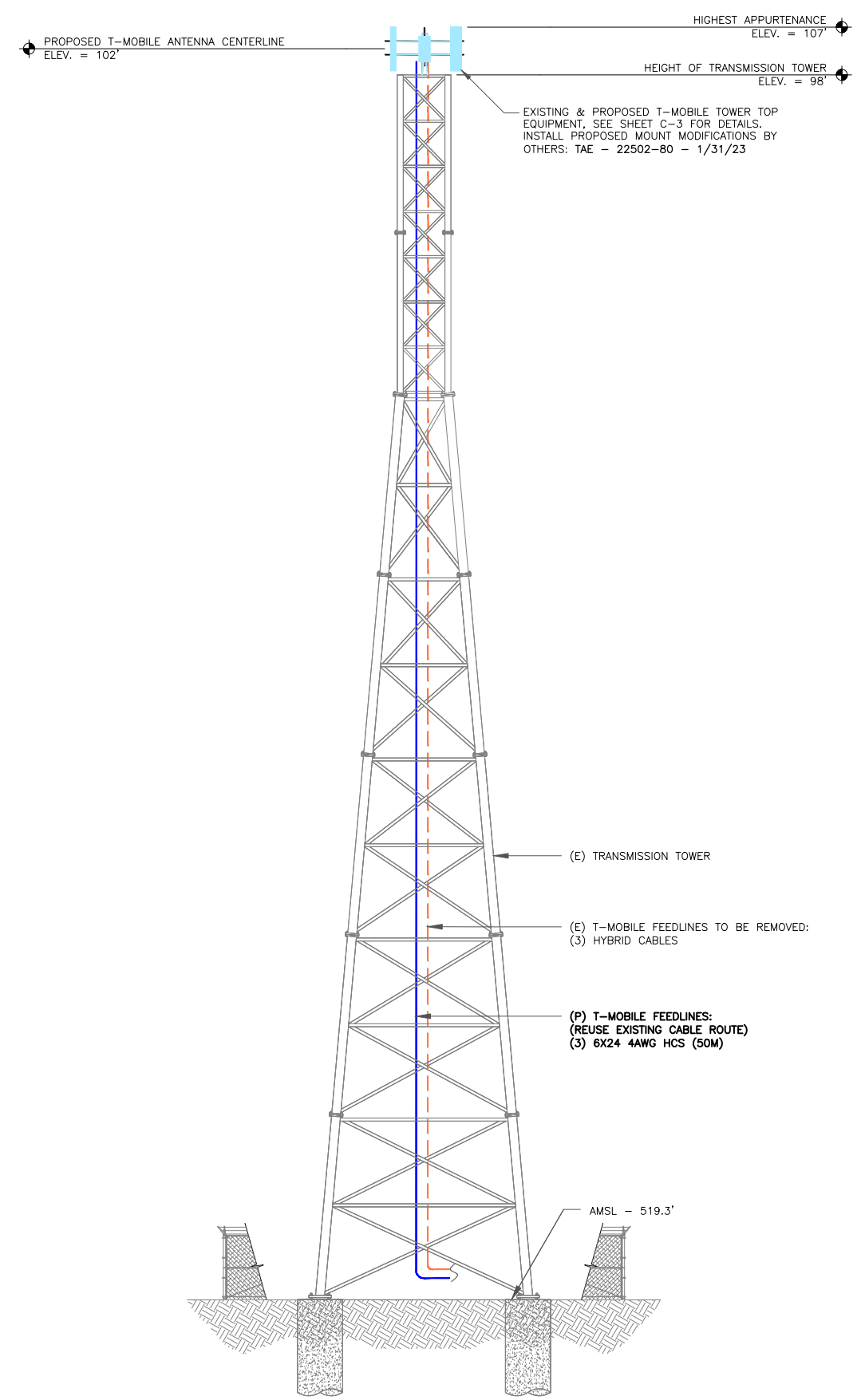
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

PMA PROJECT #: 22SMLTNC-0032

**SHEET NUMBER:**  
C-1.2

**EQUIPMENT LEGEND:**

	EXISTING
	TO BE RELOCATED/REMOVED
	NEW/RELOCATED



1 FINAL ELEVATION  
SCALE: NOT TO SCALE

**GENERAL NOTES**

- REFER TO TOWER STRUCTURAL ANALYSIS FOR PROPOSED ANTENNA CABLE LOADING DETAILS
- TOWER ELEVATION SHOWN IS NOT DRAWN TO SCALE AND IS ONLY INTENDED FOR REFERENCE PURPOSES. REFER TO ORIGINAL TOWER DESIGN FOR ADDITIONAL INFORMATION.
- ALL TOWER DIMENSIONS SHALL BE VERIFIED WITH THE PLANS PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED.
- ALL HARDWARE ASSEMBLE MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
- ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND OF QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- CONTRACTOR TO REFER TO THE MOUNT ANALYSIS FOR THIS PROJECT. TAE - 22502-80 - 1/31/23

**FINISH NOTES:**

TOWER-	GALVANIZED
TOWER MOUNTS-	GALVANIZED
ANTENNA-	NEUTRAL (MANUFACTURER FINISH)
FOUNDATIONS-	UNPAINTED CONCRETE
ICE BRIDGE-	GALVANIZED
CABLES-	BLACK

**TOWER LOADING SUMMARY**

EXISTING	REMOVE	EQUIPMENT	ADD	TOTAL
3	3	ANTENNA	9	9
0	0	TMA	0	0
6	6	RADIOS	6	6
0	0	COAX	0	0
3	3	HYBRIDS	3	3

**PM&A**  
P. MARSHALL & ASSOCIATES  
3545 WHITEHALL PARK DRIVE  
SUITE 450 CHARLOTTE,  
NORTH CAROLINA 28273

**T-Mobile**  
2105 WATER RIDGE PARKWAY, SUITE 400  
CHARLOTTE, NC 28217

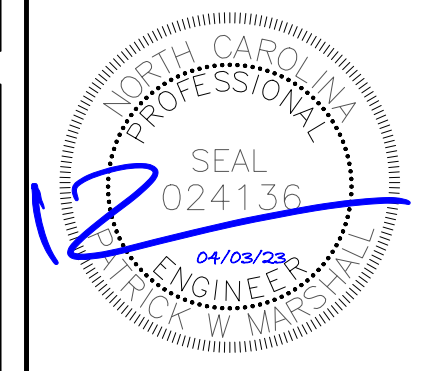
**smartlink**  
1997 ANNAPOLIS EXCHANGE PKWY.  
SUITE 200  
ANNAPOLIS, MD 210401

**T-MOBILE SITE NUMBER:**  
5RA0856A

**ADDRESS:**  
2516/2700 HOMESTEAD RD  
CHAPEL HILL NC, 27516

**SITE TYPE:**  
98' TRANSMISSION TOWER  
SPRINT RETAIN

REV	DATE	DRWN	DESCRIPTION	DES./QA
A	10/21/22	RLB	PRELIM	RSW
0	2/6/23	RSW	FOR CONSTRUCTION	RSW
1	4/3/23	RSW	1A UPDATE	RSW



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

PMA PROJECT #: 22SMLTNC-0032

**SHEET NUMBER:**  
**C-2**