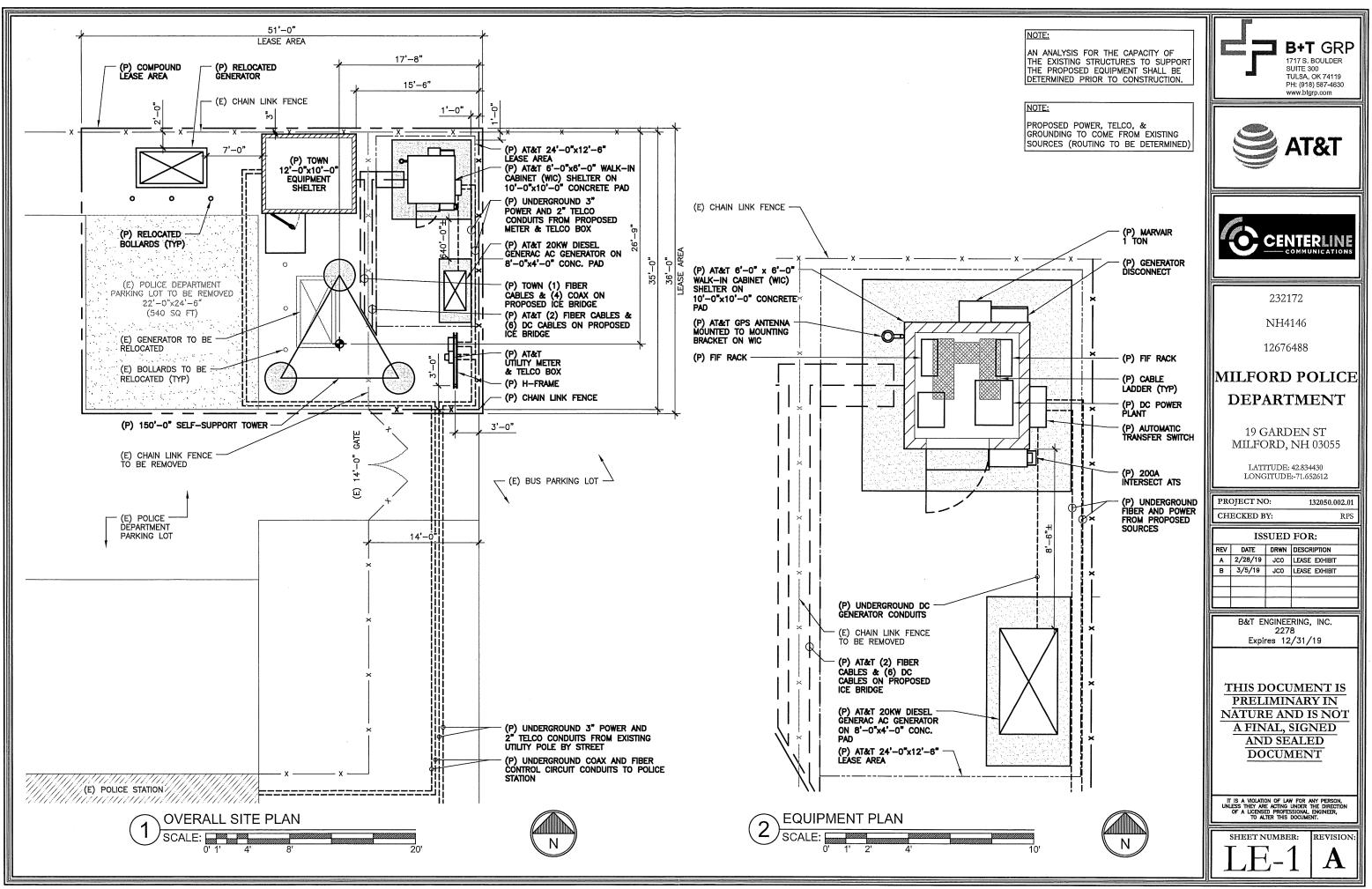
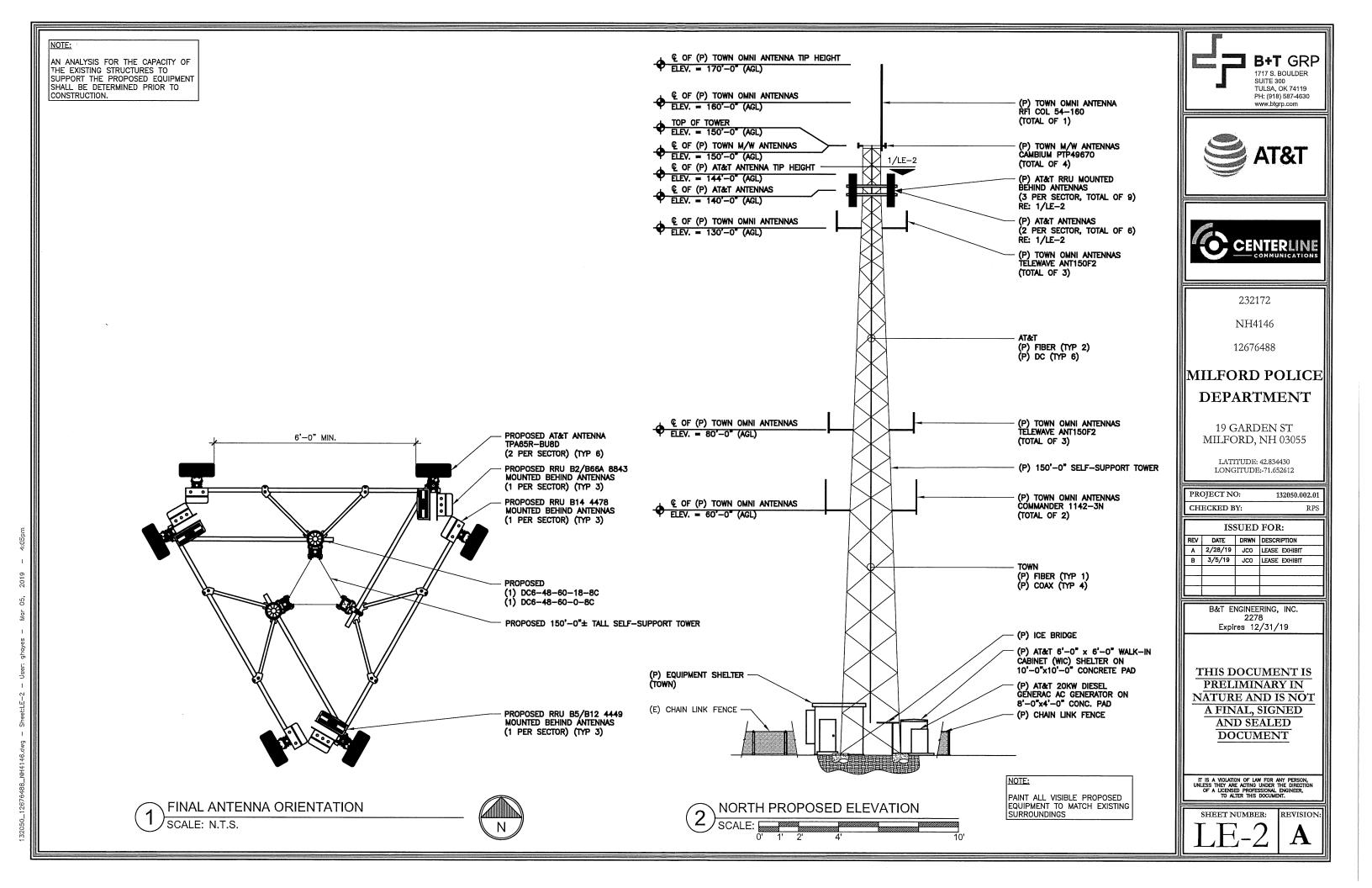


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# **PROJECT INFORMATION**

## TOWER TOP SOW: MISTALL (9) NEW OMNI ANTENNAS. INSTALL (4) NEW MICROWAVES. INSTALL (3) NEW SECTOR MOUNTS.

POSITION ONE: INSTALL (3) TPA65R-BU8D ANTENNAS. INSTALL (3) B14 4478 RADIOS.

POSITION THREE: INSTALL (3) TPA65R-BU8D ANTENNAS. INSTALL (3) B5/B12 4449 RADIOS. INSTALL (3) B2/B66A 8843 RADIOS.

SURGE: INSTALL (2) DC6-48-60-18-8C & (1) DC6-48-60-0-8C SQUIDS WITH (2) 18PAIR FIBER, (6) DC TRUNKS.

### GROUND SOW:

RELOCATE (1) EXISTING GENERATOR. INSTALL (1) AT&T WALK-IN CABINET ON PROPOSED CONCRETE PAD. INSTALL (1) TOWN EQUIPMENT SHELTER. INSTALL (1) GENERATOR. INSTALL (1) UTILITY H-FRAME W/ METER & TELCO BOX.



SITE NAME: SITE NUMBER: PACE ID:

MILFORD POLICE DEPARTMENT 232172 FA NUMBER: 12676488

**PROJECT**:

LTE 1C: MRCTB033380; LTE 2C: MRCTB036778; LTE 3C: MRCTB036777; LTE 4C MRCTB036776 LTE 1C/2C/3C/4C NEW SITE

	VICINITY MAP	DRAWING INDEX			
	Amherst	SHEET #	SHEET DESCRIPTION	REV. #	
		T-1	TITLE SHEET	D	
	Source (13) Asset of the set	GN-1	GENERAL NOTES	D	
	Seutragen River	C-1	COMPOUND PLAN & ELEVATION	D	
	Man H 3	C-2	CONSTRUCTION DETAILS	D	
	Ridgefiéld D (01A)	C-3	WIC FOUNDATION DETAILS	D	
		C-4	ANTENNA AZIMUTH PLAN & GPS DETAIL	D	
	Earch Hd g g Huder St	RF1	RFDS PLUMBING DIAGRAM	D	
		G-1	ELECTRICAL RISER DIAGRAM	D	
	Berly Contraction of Children	G-2	SCHEMATIC GROUNDING PLAN	D	
	Spaticing-Si (0) A D	G-3	GROUNDING DETAILS	D	
		LE-1	LEASING SITE PLAN & EQUIPMENT PLAN	D	
ΙΤΥ ΙΤΥ	Control of the contro	LE-2	LEASING ANTENNA LAYOUT & TOWER ELEVATION	D	
	DRIVING DIRECTIONS				
EQUIPMENT VICIANS FOR ES NOT REQUIRE ( IS NOT 5 PER ADA	DEPART MANCHESTER-BOSTON REGIONAL AIRPORT ON AIRPORT RD. KEEP STRAIGHT ONTO RT-3A. TAKE RAMP ONTO I-293. ROAD NAME CHANGES TO RT-101. TURN LEFT ONTO RT-101. KEEP STRAIGHT ONTO RAMP. KEEP RIGHT TO STAY ON RAMP. BEAR RIGHT ONTO AMHERST ST. TURN LEFT TO STAY ON AMHERST ST. TURN LEFT ONTO RT-13. MERGE ONTO RT-101A. KEEP RIGHT ONTO RT-101A. BEAR RIGHT ONTO RT-101A THEN IMMEDIATELY TURN LEFT ONTO UNION ST. TURN RIGHT ONTO GARDEN ST AND ARRIVE AT MILFORD POLICE DEPARTMENT.				
DIMENSIONS AND NOTIFY THE ANCIES BEFORE SAME. AFTER ENGINEER			CALL NEW HAMPSHIRE ONE CALL (800) 344-7233 CALL 3 WORKING DAYS BEFORE YOU DIG!	811	

## SITE ADDRESS:

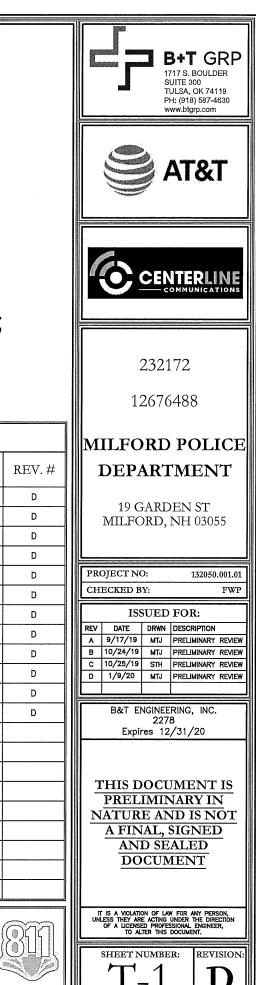
19 GARDEN ST MILFORD, NH 03055 COUNTY: HILLSBOROUGH LATITUDE: 42.834430° LONGITUDE: -71.652612 TOWER HEIGHT: 175'-0" RAD CENTER: 145'-0" TOWER OWNER: TOWN OF MILFORD AT&T CONSTRUCTION MGR: BILL FURDOCK (315) 447-0746 CENTERLINE PROJECT PETER LAMONTAGNE (508) 341-7854 CURRENT USE: TELECOMMUNICATIONS FACILIT PROPOSED USE: TELECOMMUNICATIONS FACILIT

# **GENERAL NOTES**

- THE FACILITY IS AN UNMANNED, PRIVATE AND SECURED INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNI PERIODIC, ROUTINE MAINTENANCE, AND THEREFORE, DOES ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIM 2. CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY AT&T MOBILITY REPRESENTATIVE IN WRITING IF DISCREPA PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR
- CONSTRUCTION DRAWINGS ARE VALID FOR SIX MONTHS AFTER ENGINEER 3. OF RECORD'S STAMPED AND SIGNED SUBMITTAL DATE LISTED HEREIN.

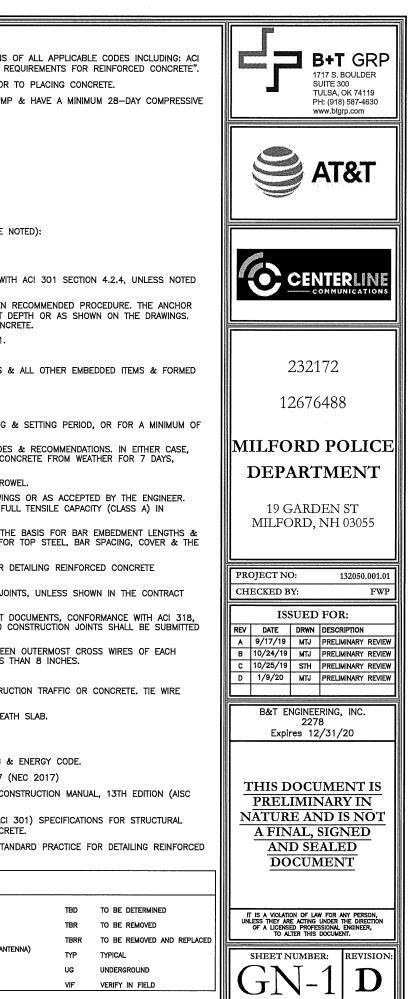
MGR:

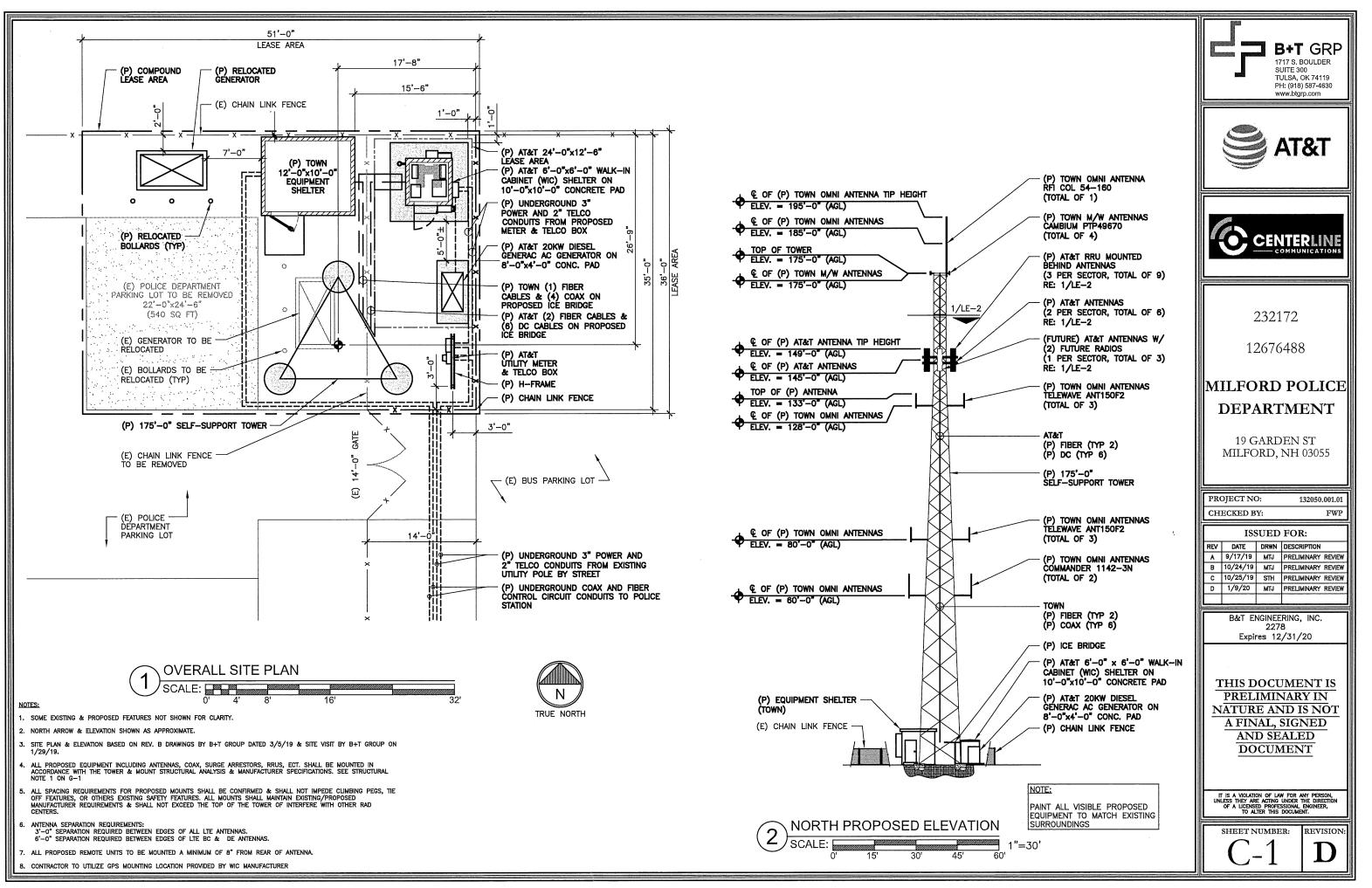
1



GROUNDING NOTES	<u>co</u>	NCRETE & REINFORCING STEEL	NOTES:		
1. ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, & LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, & COMPLY WITH AT&T MOBILITY SPECIFICATIONS.	1.		ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITION "UCTURAL CONCRETE FOR BUILDINGS", & ACI 318 "BUILDING CODE		
<ol> <li>CONTRACTOR SHALL CONTACT "DIG SAFE 1888 DIG SAFE" (888-344-7233) FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.</li> </ol>	2.	MIX DESIGN SHALL BE APPRON	ED BY OWNER'S REPRESENTATIVE & SUBMITTED TO ENGINEER PRIC		
3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.	3.	CONCRETE SHALL BE NORMAL STRENGTH OF 4000 PSI UNLE	WEIGHT, 6% AIR ENTRAINED (+/- 1.5%) WITH A MAXIMUM 4" SLUI		
4. ALL DIMENSIONS TO, OF, & ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, & SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR	4.	THE FOLLOWING MATERIALS SH			
WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER. 5. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.		PORTLAND CEMENT:	ASTM C-150, TYPE II		
6. DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.		REINFORCEMENT:	ASTM A-185, PLAIN STEEL WELDED WIRE FABRIC		
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.		REINFORCEMENT BARS:	ASTM A615, GRADE 60, DEFORMED		
8. CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ECT.		NORMAL WEIGHT AGGREGATE: WATER:	ASTM C33 DRINKABLE		
9. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS, DRAINS, DRAIN PIPES, VENTS, ECT. BEFORE COMMENCING WORK.		ADMIXTURES:	NON-CHLORIDE CONTAINING		
10. INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE	5.	MINIMUM CONCRETE COVER FO	R REINFORCING STEEL SHALL BE AS FOLLOWS (UNLESS OTHERWISE		
OWNER PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING.		A. CONCRETE CAST AGAINST E	ARTH: 3"		
11. EACH CONTRACTOR SHALL COOPERATE WITH THE OWNER'S REPRESENTATIVE, & COORDINATE HIS WORK WITH THE WORK OF OTHERS.		B. ALL OTHER CONCRETE: 2"			
12. CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE AT&T MOBILITY CONSTRUCTION MANAGER.	6.	A 3/4" CHAMFER SHALL BE F OTHERWISE.	PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE V		
13. ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICON SEALANT.	7.		PANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN		
14. WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR WILL NOTIFY ENGINEER, AT&T MOBILITY PROJECT CONSTRUCTION MANAGER, & LANDLORD IMMEDIATELY.	_	NO REBAR SHALL BE CUT WIT	CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT HOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CON		
15. CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A CURRENT SET OF DRAWINGS & SPECIFICATIONS FOR THIS PROJECT.			TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI 301		
16. ALL ROOF WORK SHALL BE DONE BY A QUALIFIED & EXPERIENCED ROOFING CONTRACTOR IN COORDINATION WITH ANY CONTRACTOR WARRANTING THE ROOF TO ENSURE THAT THE WARRANTY IS MAINTAINED.			EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS		
17. CONTRACTOR SHALL REMOVE ALL RUBBISH & DEBRIS FROM THE SITE AT THE END OF EACH DAY.			BEFORE START OF CONCRETE PLACEMENT.		
18. CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD & TAKE PRECAUTIONS TO MINIMIZE IMPACT & DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.			LD BENT WHENEVER BENDING IS REQUIRED. WATER, ICE, OR ON FROZEN GROUND.		
19. CONTRACTOR SHALL FURNISH AT&T MOBILITY WITH THREE AS-BUILT SETS OF DRAWINGS UPON COMPLETION OF WORK.		13. DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUB-BASE TO FREEZE DURING CONCRETE CURIN			
20. ANTENNAS & CABLES ARE TYPICALLY PROVIDED BY AT&T MOBILITY. PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH AT&T MOBILITY PROJECT MANAGER TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED BY AT&T MOBILITY WIRELESS, ALL ITEMS NOT PROVIDED BY AT&T MOBILITY SHALL BE PROVIDED & INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED BY AT&T MOBILITY.	14.		VEATHER CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI COD DE, CALCIUM, SALTS, ECT. SHALL NOT BE USED. PROTECT FRESH (		
21. PRIOR TO SUBMISSION OF BID, CONTRACTOR WILL COORDINATE WITH AT&T MOBILITY PROJECT MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY AT&T MOBILITY, ALL REQUIRED PERMITS NOT OBTAINED BY AT&T MOBILITY MUST BE OBTAINED, & PAID FOR, BY THE CONTRACTOR,	15.	MINIMUM. 15. CONCRETE SHALL BE RUBBED TO A ROUGH GROUT FINISH. PADS SHALL BE SEALED BY STEEL TR 16. SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWII UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS F ACCORDANCE WITH ACI 318.			
22. CONTRACTOR SHALL START UP HVAC UNITS & SYNCHRONIZE THE THERMOSTATS.	16.				
23. CONTRACTOR SHALL INSTALL ALL SITE SIGNAGE IN ACCORDANCE WITH AT&T MOBILITY SPECIFICATIONS & REQUIREMENTS.					
24. CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ENGINEER FOR REVIEW & APPROVAL PRIOR TO FABRICATION.	17.	. REINFORCING BAR DEVELOPMEN	NT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM		
25. UNLESS OTHERWISE NOTED AT&T MOBILITY SHALL PROVIDE ALL REQUIRED RF MATERIAL FOR CONTRACTOR TO INSTALL, INCLUDING ANTENNAS, TMA'S, BIAS-T'S, COMBINERS, PDU, DC BLOCKS, SURGE ARRESTORS, GPS ANTENNA, GPS SURGE ARRESTOR, COAXIAL CABLE.		BAR SPLICED LENGTHS SHOWN IN THE DRAWINGS. APPLY APPROPRIATE MODIFICATIONS FACT LIKE.			
26. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS & LOCATED ACCORDING TO AT&T MOBILITY SPECIFICATIONS, & AS SHOWN IN THESE PLANS.		STRUCTURES" (ACI 315).	EEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR		
27. THE CONTRACTOR SHALL SUPERVISE & DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES & PROCEDURES & FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.		DRAWINGS.	L BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION J		
28. CONTRACT: 28. CONTRACTOR SHALL NOTIFY B+T GROUP A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.		& ACCEPTANCE OF THE ENGIN WITH REINFORCING STEEL PLAC			
29. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SAFETY INCLUDING COMPLIANCE WITH ALL APPLICABLE OSHA STANDARDS & RECOMMENDATIONS & SHALL PROVIDE ALL NECESSARY SAFETY DEVICES INCLUDING PPE & PPM & CONSTRUCTION DEVICES SUCH AS WELDING & FIRE PREVENTION,		FABRIC SHEET IS NOT LESS TH	CED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWE IAN THE SPACING OF HTE CROSS WIRE PLUS 2 INCHES, NOR LESS		
TEMPORARY SHORING, SCAFFOLDING, TRENCH BOXES/SLOPING, BARRIERS, ECT.			-GALVANIZED METAL WITH PLASTIC TIPS.		
FOUNDATION NOTES:	23.	ALL REINFORCEMENT SHALL BE SHALL BE 16 GAUGE CONFORM	E SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTR /IING TO ASTM A82.		
<ol> <li>FOUNDATION ARE SHALL BE EXCAVATED TO THE DEPTH AND DIMENSIONS SHOWN ON THE PLANS. EXISTING LEDGE AND ALL OTHER EXISTING UNSUITABLE MATERIAL SHALL BE REMOVED AND LEGALLY DISPOSED. THE SUB-GRADE SHALL BE ROLLED WITH 1-TON, VIBRATORY WALK BEHIND</li> </ol>	24.	. SLAB ON GROUND. COMPACT S	STRUCTURAL FILL TO 95% DENSITY & THEN PLACE 8" GRAVEL BENE		
ROLLER AT A SPEED OF LESS THAN 2FPS, 6 PASSES MINIMUM TO PROVIDE UNVIELDING SURFACE.	<u>co</u>	DE SPECIFICATIONS:			
2. STRUCTURAL FILL MATERIAL BENEATH SLABS-ON-GRADE SHALL CONSIST OF WELL-GRADED GRANULAR SOIL WITH LESS THAT 15% NON-PLASTIC FINES AND A MAXIMUM PARTICLE SIZE OF 4-INCHES. FILL SHOULD BE PLACED IN MAXIMUM LIFT HEIGHTS OF 4-INCHES TO 6-INCHES (LOOSE) AND	1.	1. ALL GENERAL WORK TO BE DONE IN ACCORDANCE WITH THE NEW HAMPSHIRE UNIFORM BUILDING			
THES AND A MAXIMUM FARMEL SIZE OF THINKIES, ALL SHOULD BE FLACED IN MAXIMUM LIFT HEIGHTS OF THINKIES TO UTIONES (LOUSE) AND		2. ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE 2017			
3. FOUNDATION SHALL BE LOCATED ON SOIL WITH A MINIMUM BEARING CAPACITY OF 3000 PSF (E.G., UNITED SOIL CLASSIFICATION SYSTEM [ASTM DESIGNATION D-2487] GROUP SYMBOLS: GW, GP, GM, GC, SW, SP, SM, SC). ENGINEER SHALL BE NOTIFIED IF SOIL BEARING CAPACITY IS LESS THAN 3000 PSF.	3.	ALL STRUCTURAL WORK TO BE 13TH ED.)	DONE IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL C		
<ul> <li>4. NO GEO-TECHNICAL REPORT OR BORING HAS BEEN COMPLETED FOR THIS PROJECT. CONTRACTOR SHALL VERIFY SOIL CONDITIONS AND NOTIFY CM</li> <li>&amp; B+T GROUP ENGINEERS OF FINDINGS PRIOR TO CONSTRUCTION.</li> </ul>	4.		DONE IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE (AU I 318) AND BUILDING CODE REQUIREMENTS FOR REINFORCED CONC		
STRUCTURAL NOTES:	5.	ALL REINFORCING STEEL WORK CONCRETE STRUCTURES.	TO BE DONE IN ACCORDANCE WITH THE (ACI 315) MANUAL OF ST		
1. AS REQUIRED UNDER SECTION 15 OF THE TIA/EIA 222G - STANDARD, AT&T MOBILITY SHALL PROVIDE A STRUCTURAL ANALYSIS OF THE TOWER					

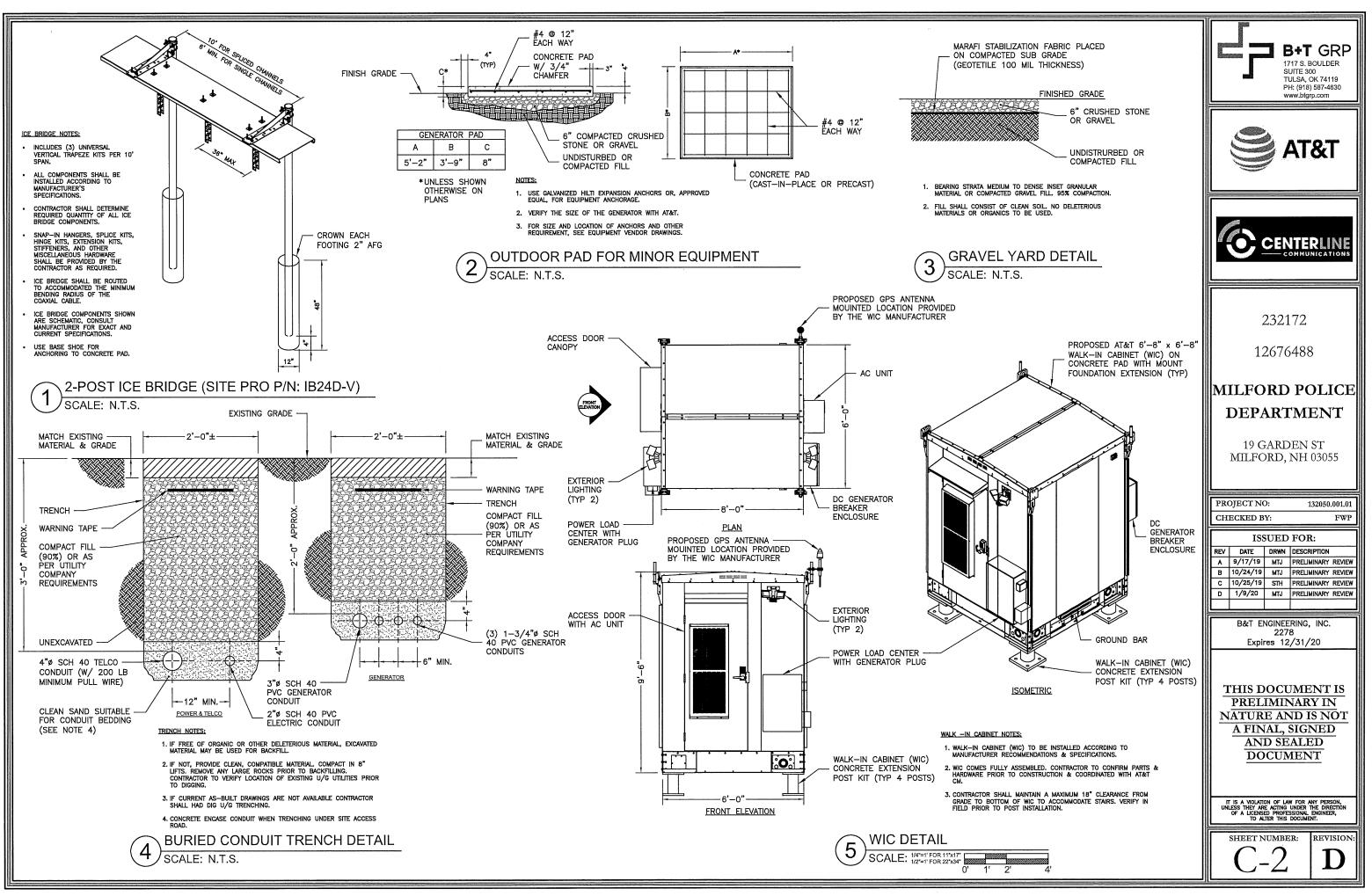
- TA S REQUIRED UNDER SECTION TO OF THE TIAZEN 222G STANDARD, AT&T MOBILITY SHALL PROVIDE A STRUCTURAL ANALYSIS OF THE TOWER PREPARED BY A LICENSED NEW HAMPSHIRE STRUCTURAL ENGINEER CERTIFYING THAT THE EXISTING TOWER & ANY REQUIRED IMPROVEMENTS & REINFORCEMENTS HAVE SUFFICIENT CAPACITY TO SUPPORT ALL EXISTING & PROPOSED ANTENNAS, SUPPORTS & APPURTENANCES & COMPLIES WITH THE CURRENT NEW HAMPSHIRE STATE BUILDING CODE & TIA/EIA CRITERIA. THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY IMPROVEMENTS & REINFORCEMENTS REQUIRED BY THE STRUCTURAL ANALYSIS CERTIFICATION ARE PROPERLY INSTALLED PRIOR TO THE ADDICTION OF ANTENNAS, SUPPORTS & APPURTENANCES PROPOSED ON THESE DRAWINGS OR OTHERWISE NOTED IN THE STRUCTURAL ANALYSIS.
- 2. FOR STRUCTURAL MODIFICATIONS REQUIRING FIELD WELDING; THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS & IMPLEMENTING ALL INDUSTRY STANDARDS FOR PROTECTION OF ALL EXISTING PROPERTY & PERSONNEL FOR DAMAGE OR HARM. ALL PROPERTY DAMAGED DURING CONSTRUCTION OF THIS PROJECT SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE OWNER.
- ABBREVIATIONS AGL ABOVE GRADE LEVEL (E) EXISTING MIN MINIMUM AWG AMERICAN WIRE GAUGE EGB EQUIPMENT GROUND BAR (P) PROPOSED BBU BATTERY BACKUP UNIT EGR EQUIPMENT GROUND RING NTS NOT TO SCALE EQ EQUAL BTCW BARE TINNED SOLID COPPER WIRE RAD RADIATION CENTER (ANTENNA) GC GENERAL CONTRACTOR BGR BURIED GROUND RING REFERENCE REQUIRED ref Req GRC GALVANIZED RIGID CONDUIT BTS BASE TRANSCEIVER STATION MGB MASTER GROUND BAR RF RADIO FREQUENCY



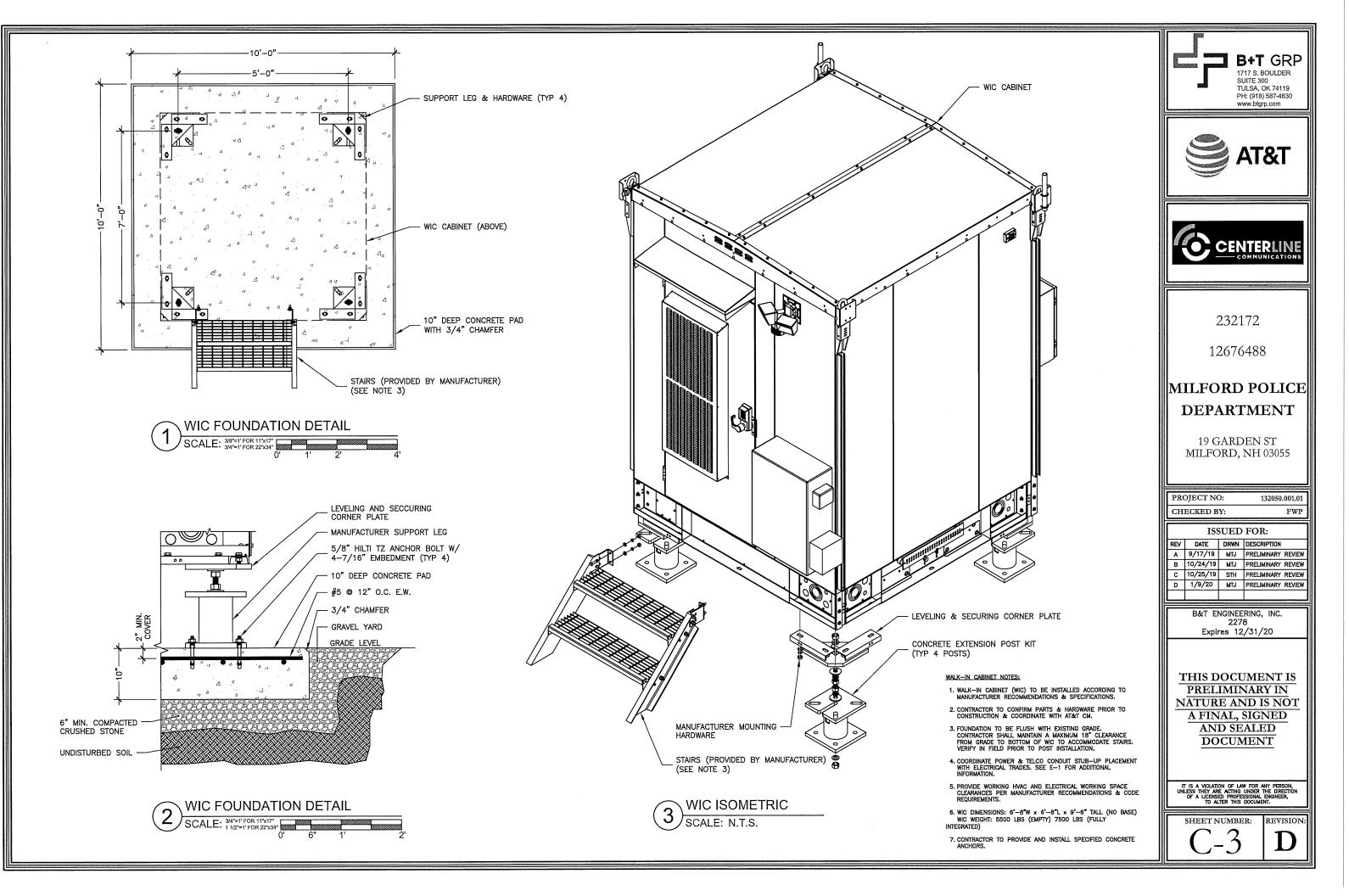


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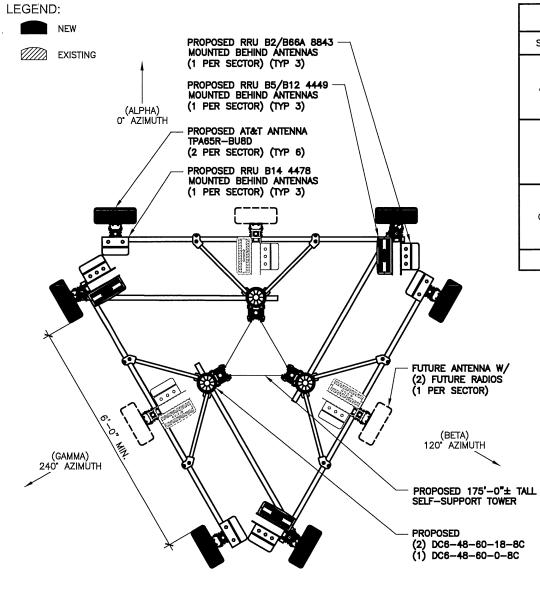
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NOTES:

- 1. NORTH ARROW SHOWN AS APPROXIMATE.
- ALL PROPOSED EQUIPMENT INCLUDING ANTENNAS, COAX, SURGE ARRESTORS, RRUS, ECT. SHALL BE MOUNTED IN ACCORDANCE WITH THE TOWER STRUCTURAL ANALYSIS & MANUFACTURER SPECIFICATIONS.
- 3. ALL SPACING REQUIREMENTS FOR PROPOSED MOUNTS SHALL BE CONFIRMED & SHALL NOT IMPEDE CLIMBING PEGS, TIE OFF FEATURES, OR OTHER EXISTING SAFETY FEATURES. ALL MOUNTS SHALL MAINTAIN EXISTING/PROPOSED MANUFACTURER REQUIREMENTS & SHALL NOT EXCEED THE TOP OF THE TOWER OR INTERFERE WITH OTHER RAD CENTERS.
- 4. ANTENNA SEPARATION REQUIREMENTS:
- 3'-0" SEPARATION REQUIRED BETWEEN EDGES OF ALL LTE ANTENNAS.
   6'-0" SEPARATION REQUIRED BETWEEN EDGES OF LTE BC & DE ANTENNAS.
- 5. ALL PROPOSED REMOTE UNITS TO BE MOUNTED A MINIMUM OF 8" FROM REAR OF ANTENNA.

2) FINAL ANTENNA ORIENTATION SCALE: N.T.S.

FINAL EQUIPMENT CONFIGURATION SIZE (INCHES) SIZE (INCHES) RAD. CENTER RRH/RRU SECTOR BAND ANTENNA AZIMUTH (LxWxD) (LxWxD) LTE 700 TPA65R-BU8DA-I 96"x21"x7.8" 140'-0" 0 B14 4478 18.1"x13.4"x8.26' LTE AWS FUTURE (2) FUTURE FUTURE \_ \_ 0 \_ ALPHA B5/B12 4449 17.9"x13.1"x8.26" LTE 700 TPA65R-BU8DA-+ 96"x21"x7.8" 0 140'-0" B2/B66A 8843 14.9"X13.2"X11.1" LTE 1900 LTE 700 TPA65R-BU8DA-+ 96"x21"x7.8" 140'-0" 120 B14 4478 18.1"x13.4"x8.26" LTE AWS (2) FUTURE FUTURE FUTURF 0 ----BETA \_ -----B5/B12 4449 17.9"x13.1"x8.26" LTE 700 TPA65R-BU8DA-H 96"x21"x7.8" 140'--0" 120 LTE 1900 B2/B66A 8843 14.9"X13.2"X11.1" LTE 700 TPA65R-BU8DA-I 96"x21"x7.8" 140'-0" 240 B14 4478 18.1"x13.4"x8.26" LTE AWS (2) FUTURE FUTURE 0 GAMMA FUTURE -B5/B12 4449 17.9"x13.1"x8.26" LTE 700 TPA65R-BU8DA-K 96"x21"x7.8" 140'-0" 240' B2/B66A 8843 14.9"X13.2"X11.1" LTE 1900 \*RF SCHEDULE BASED ON RFDS VERSION 1.00 DATED 1/8/19. CONTRACTOR TO VERIFY FINAL ANTENNA DESIGN WITH AT&T O

1) FINAL ANTENNA CONFIGURATION SCALE: N.T.S.

> B.O.M. (1) GPS ANTENNA (2) L BRACKET MOUNT KIT (3) COAXIAL CABLE (4) STAINLESS STEEL BUTTERFLY KIT & STAND OFF MOUNT

> > WIC GPS -MOUNTING

PIPE

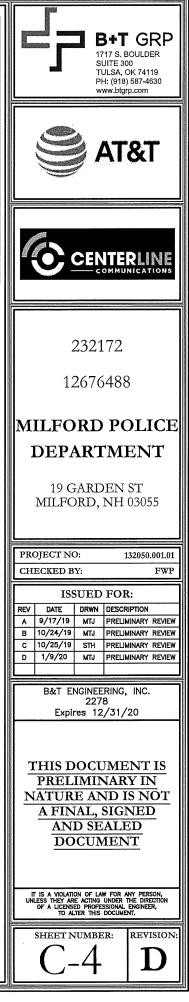
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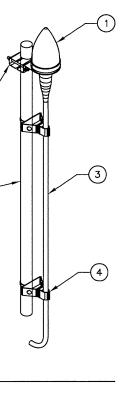
#### 1. SEE DETAIL 3, SHEET C-3 FOR MOUNTING LOCATION.

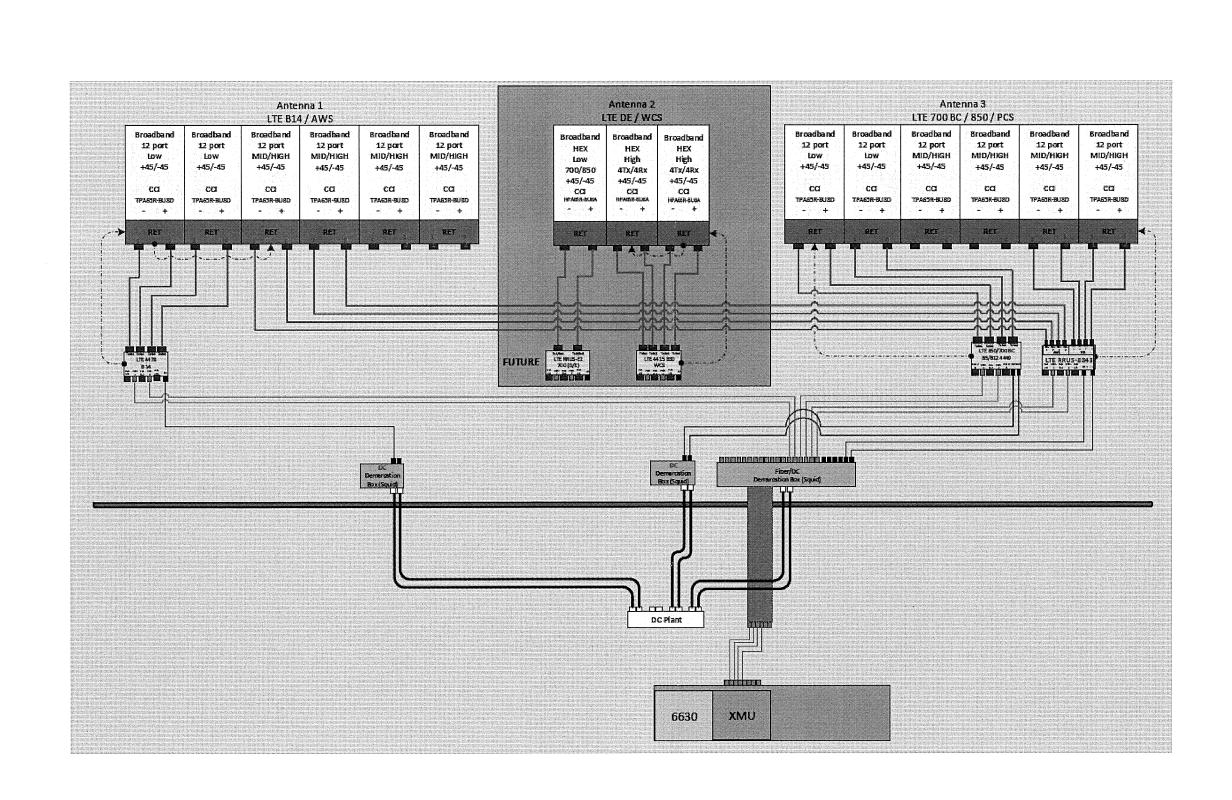
- 2. WEATHER SEAL AROUND MOUNT WITH SILICONE SEALANT.
- 3. INSTALL GPS, COAX, AND MOUNT PER MANUFACTURERS RECOMMENDATIONS.
- 4. TIE MOUNT INTO GROUNDING SYSTEM.
- 5. WEATHER SEAL CONNECTORS PER AT&T STANDARDS.



SURGE	FIBER	DC						
DC6	(1)	(2)						
_	-	-						
(2) DC6	(1)	(4)						
DC6	(1)	(2)						
-	-	_						
(2) DC6	(1)	(4)						
DC6	(1)	(2)						
_	-	-						
(2) DC6	(1)	(4)						
C.M. PRIOR TO CONSTRUCTION.								

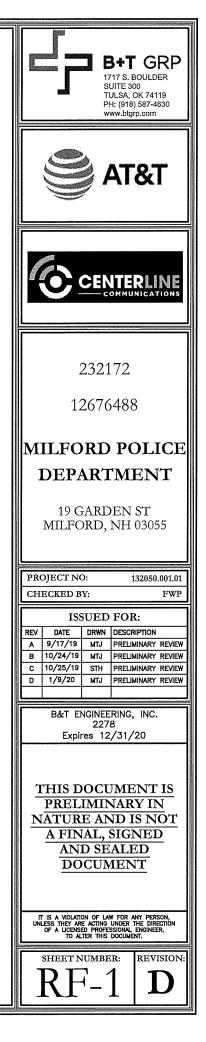






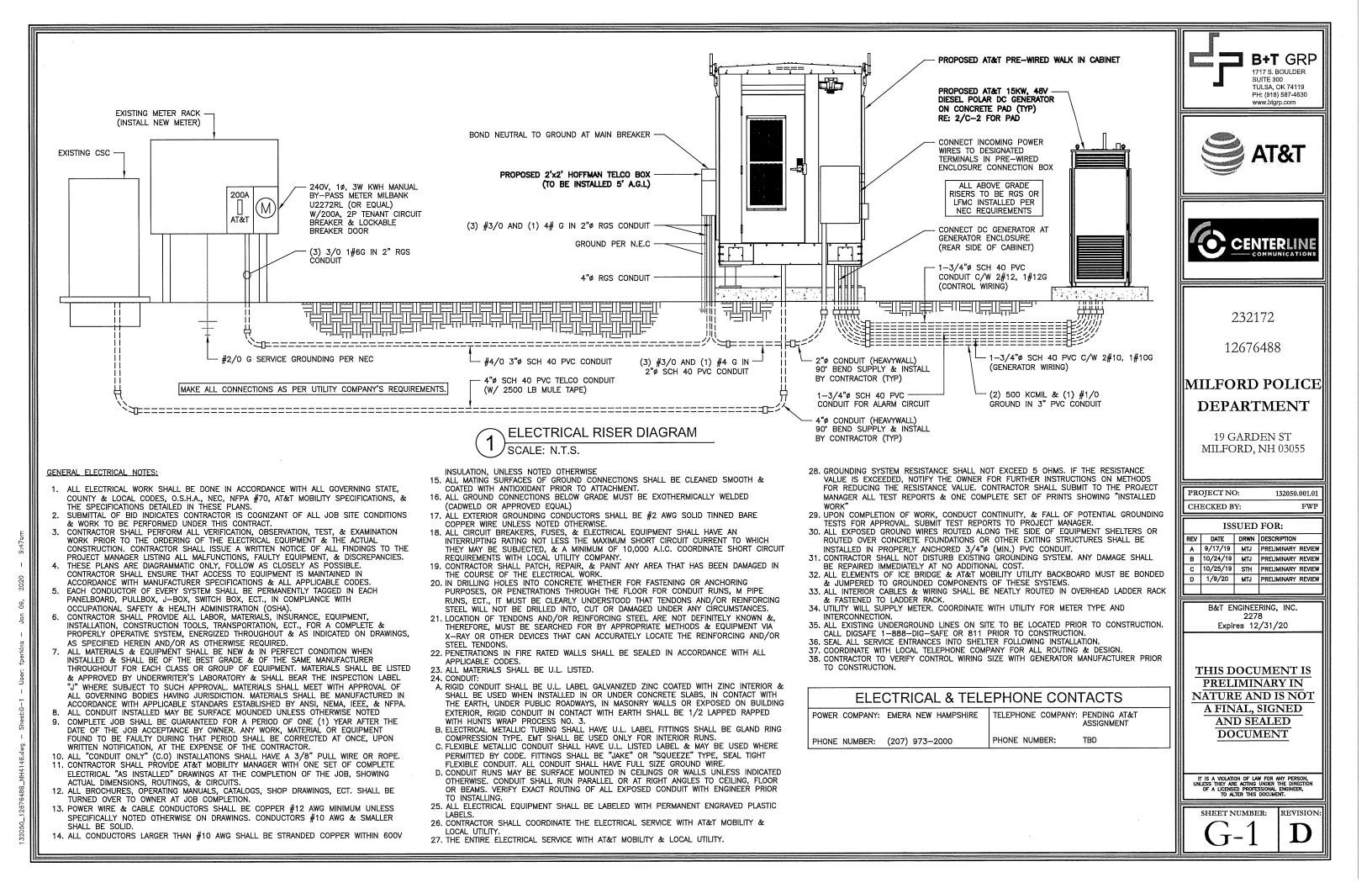


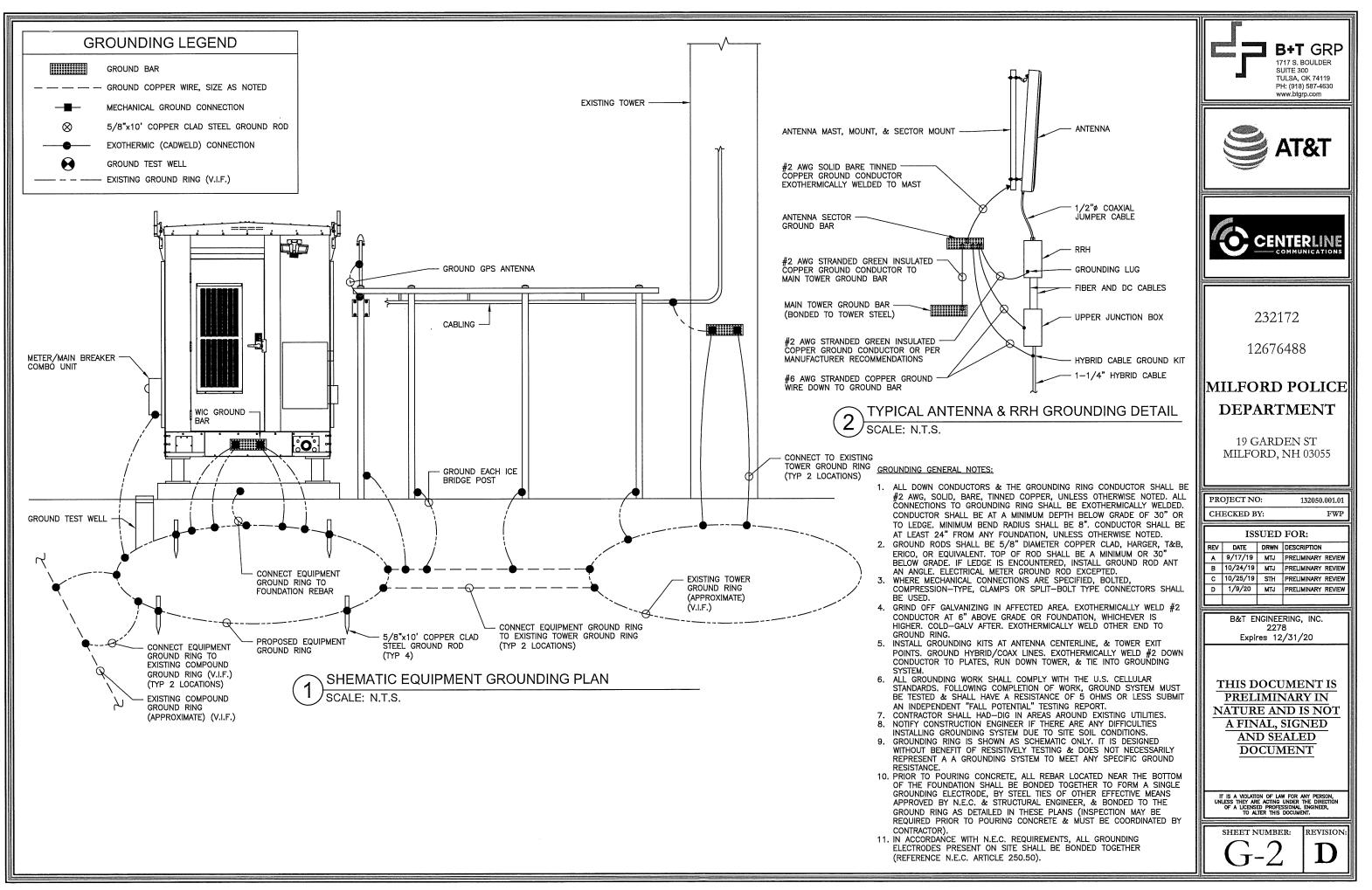


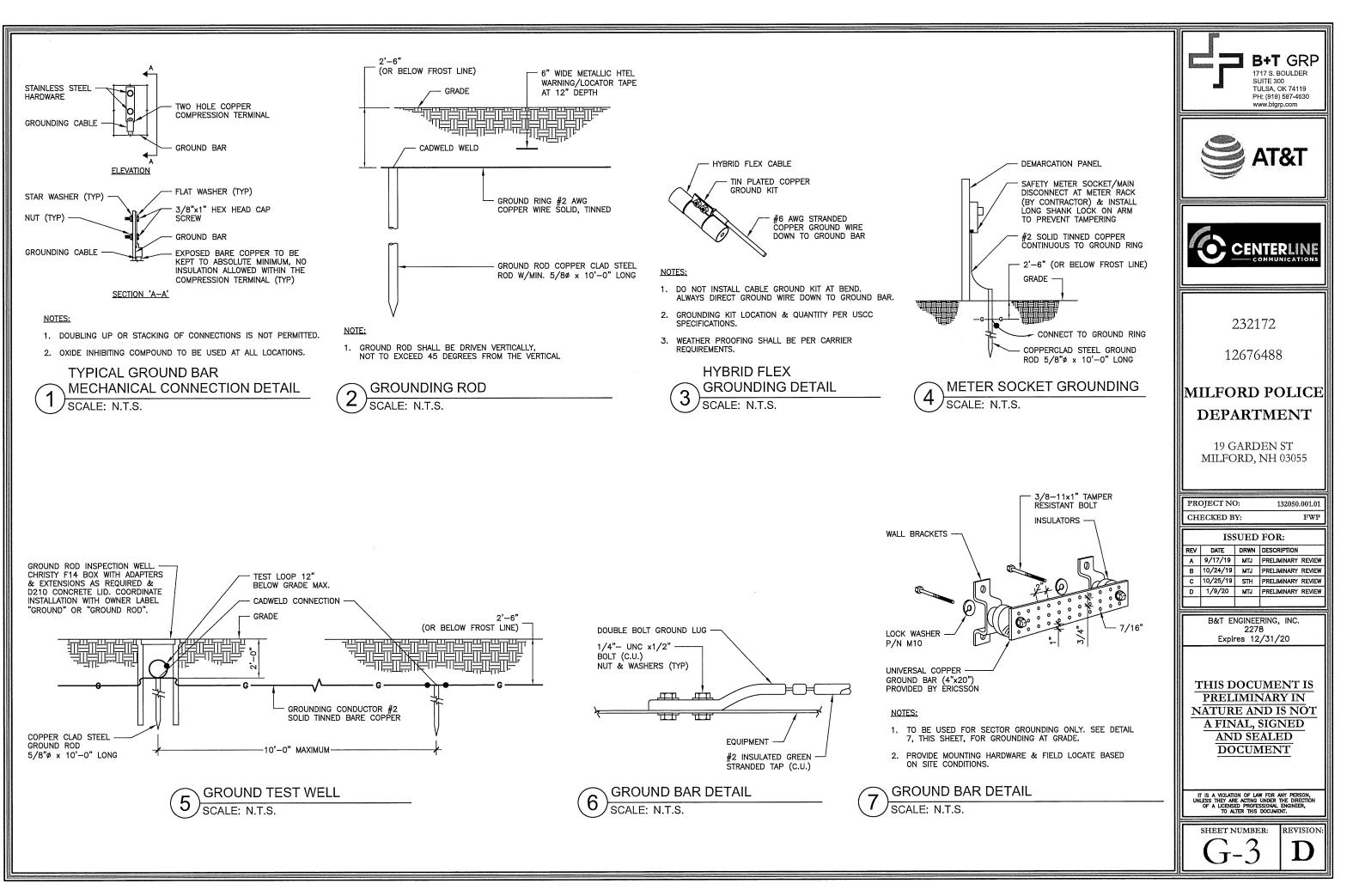


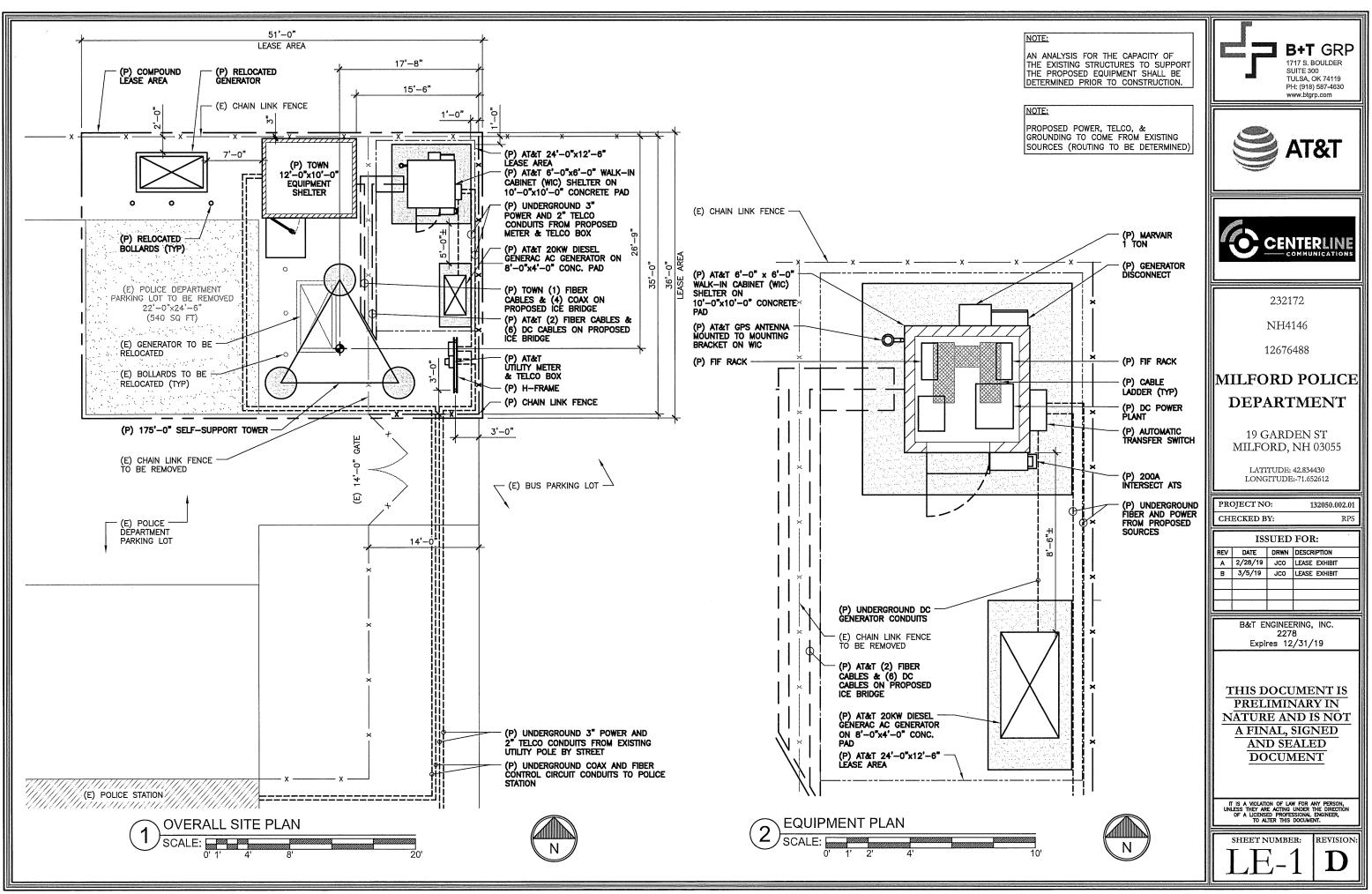
NOTES:

- 1. EQUIPMENT PLUMBING DIAGRAM PER RFDS VERSION 1.00 DATED 1/8/19.
- 2. CONTRACTOR TO VERIFY FINAL EQUIPMENT CONFIGURATION & SEPARATIONS WITH AT&T PRIOR TO CONSTRUCTION.









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