



ZONING DRAWINGS

SITE NAME: HENRIETTA EAST

FA NUMBER: 12926742

SITE ADDRESS: 230 PINNACLE ROAD, ROCHESTER, NEW YORK 14623
PACE ID: MRUNY002634, MRUNY017163, MRUNY017164, MRUNY017166, MRNYJ033945, MRNYJ033947



at+ MOBILITY CORP.
 5841 BRIDGE STREET
 EAST SYRACUSE, NY 13057



• CIVIL ENGINEERING
 • LAND SURVEYING
 • LANDSCAPE ARCHITECTURE
 217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS, REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT SUMMARY/DIRECTORY	
SITE NAME:	HENRIETTA EAST
FA NUMBER:	12926742
SITE ADDRESS:	230 PINNACLE ROAD ROCHESTER, NEW YORK 14623
MUNICIPALITY:	TOWN OF HENRIETTA
COUNTY:	MONROE
TAX MAP NUMBER:	163.09-1-23 (1.29± ACRES PER TAX MAP)
TYPE OF SITE:	94' RAWLAND MONOPOLE
LATITUDE:	43.080975° (43°04' 51.51")
LONGITUDE:	-77.580849° (W77°34' 51.06")
TOWER INFORMATION:	94' MONOPOLE TOWER
RAD CENTER:	90± AGL
PROPERTY OWNER:	HENRIETTA FIRE DISTRICT 850 BAILEY ROAD WEST HENRIETTA, NEW YORK 14586
UTILITY PROVIDER:	ELECTRIC COMPANY: RG&E RG&E SERVICE NOTIFICATION #: 10300892330 FIBER PROVIDER: TBD
PROJECT MANAGER:	CENTERLINE COMMUNICATIONS CONTACT: PETER LaMONTAGNE PHONE: (508) 386-0863 EMAIL: PLAMONTAGNE@CLINELLC.COM
APPLICANT:	AT&T MOBILITY CORP. 5841 BRIDGE STREET EAST SYRACUSE, NY 13057 GARY WEISS PHONE: (315) 420-9311

SHEET INDEX			
SHT. NO.	DESCRIPTION	REV NO	REVISION DATE
GA001	TITLE SHEET	7	06/10/2024
GA002	GENERAL NOTES	7	06/10/2024
GA002	GENERAL NOTES	7	06/10/2024
VA100	SURVEY PLAN	7	06/10/2024
ZD100	OVERALL SITE PLAN	7	06/10/2024
ZD110	COMPOUND PLAN	7	06/10/2024
ZD200	ELEVATION, ORIENTATION & DETAILS	7	06/10/2024

THESE DRAWINGS ARE FORMATTED FOR 22"x34" FULL SIZE AND 11"x17" HALF SIZE. OTHER SIZED VERSIONS ARE NOT PRINTED TO THE SCALE SHOWN. CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL ITEMS OF CONCERN HAVE BEEN ADDRESSED AND EACH OF THE DRAWINGS HAS BEEN REVISED AND ISSUED "FOR CONSTRUCTION".

DIG SAFELY - NEW YORK

Before You Dig, Drill Or Blast!

Dig Safely. New York

UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION
 CALL US TOLL FREE 1-800-962-7962
 NY industrial code rule 753 requires no less than two working days notice, but not more than ten days notice.

PROJECT DESCRIPTION

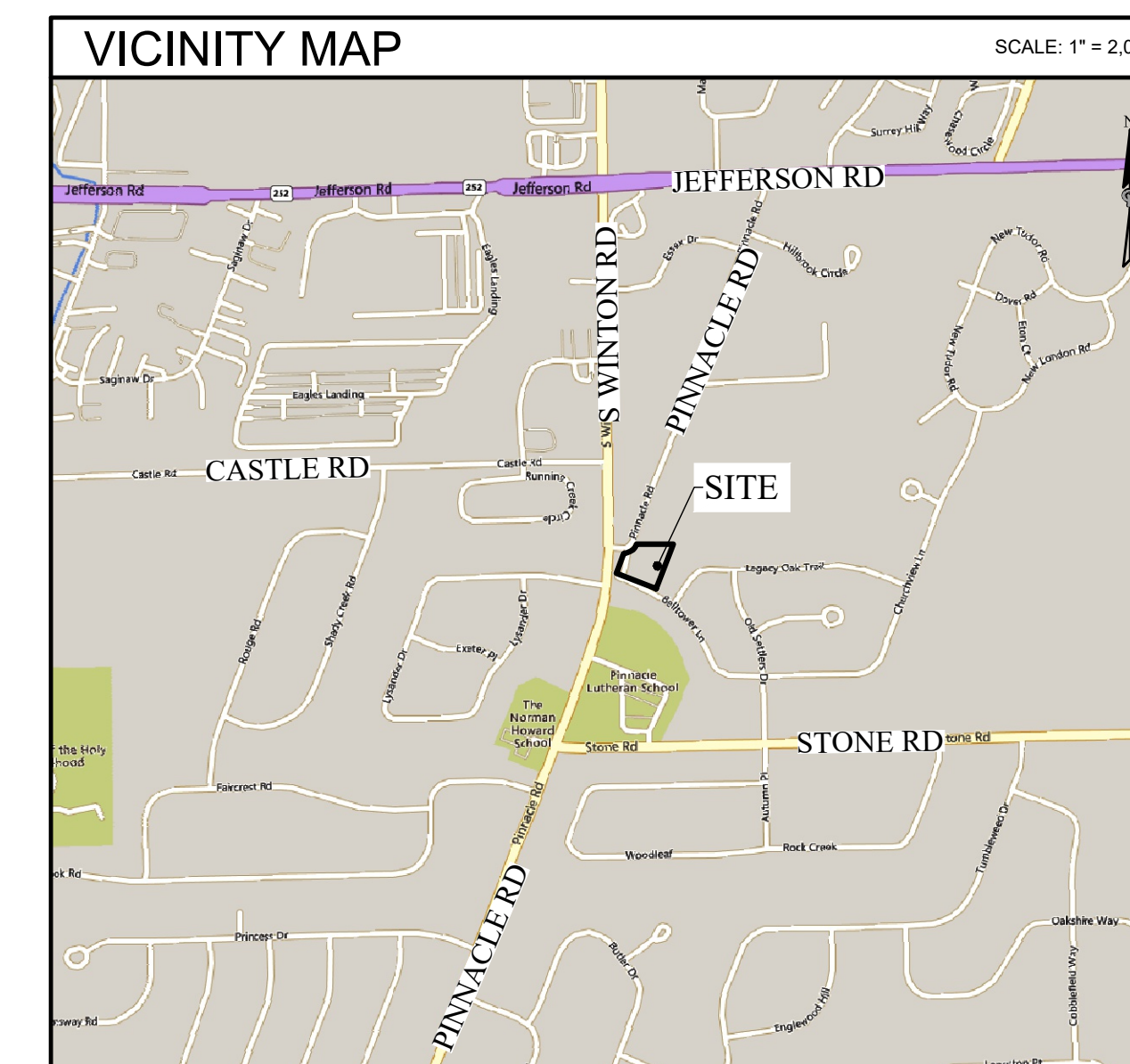
THE PROPOSED WORK CONSISTS OF THE CONSTRUCTION AND INSTALLATION OF AN UNMANNED WIRELESS FACILITY WITH ASSOCIATED UTILITIES.

INSTALL:

- 94' MONOPOLE TOWER W/ CAISSON FOUNDATION
- (6) NNH4-65C-R6N17 PANEL ANTENNAS
- (3) AIR 6449 B77D + (3) AIR 6419 B77G (STACKED)
- (15) RRH UNITS, (5) PER SECTOR
- OUTDOOR EQUIPMENT AREA ON CONCRETE PAD
- DIESEL BACKUP GENERATOR ON CONCRETE PAD
- INDOOR POWER & FIBER
- CABLE BRIDGE TO TOWER
- (9) DC POWER CABLES & (2) FIBER CABLES, (5) 2" CONDUIT

DIRECTIONS

DIRECTIONS TO SITE FROM AT&T SYRACUSE OFFICE: START OUT GOING SOUTHWEST ON BRIDGE ST TOWARD WIDEWATERS PKWY. MAKE A U-TURN AT WIDEWATERS PKWY ONTO BRIDGE ST. TURN LEFT TO TAKE THE I-690 W RAMP TOWARD SYRACUSE. STAY STRAIGHT TO GO ONTO RAMP. KEEP LEFT AT THE FORK IN THE RAMP. MERGE ONTO I-690 W VIA THE RAMP ON THE LEFT TOWARD SYRACUSE. TAKE THE I-90 EXIT, EXIT 1, TOWARD THURWAY. MERGE ONTO I-90 W TOWARD BUFFALO (PORTIONS TOLL). MERGE ONTO I-490 W VIA EXIT 45 TOWARD ROCHESTER (PORTIONS TOLL). TAKE THE NY-96 EXIT, EXIT 27, TOWARD BUSHNELL'S BASIN. TURN RIGHT ONTO PITTSFORD VICTOR RD/NY-96. CONTINUE TO FOLLOW NY-96. STAY STRAIGHT TO GO ONTO W. JEFFERSON RD/NY-252. TURN LEFT ONTO PINNACLE RD. PINNACLE RD IS JUST PAST SURREY HILL WAY.



PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
 COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

SITE INFORMATION

HENRIETTA EAST
 FA# 12926742

TOWN OF HENRIETTA
COUNTY OF MONROE
STATE OF NEW YORK

SHEET TITLE
TITLE SHEET

C.E. JOB NUMBER
8546

SHEET NUMBER
GA001

SHEET 01 OF 07

LEGEND

	SECTION/PARCEL BOUNDARY
	MIN. BUILDING SETBACK
	CENTER LINE
	EXIST. RIGHT-OF-WAY LINE
	EXISTING EASEMENT LINE.
	EXIST. CONCRETE CURB
	EXIST. EDGE OF PAVEMENT
	EXIST. EDGE OF GRAVEL
	EXISTING WATER MAIN, VALVE, & HYDRANT.
	EXISTING SANITARY SEWER, & MANHOLE.
	EXISTING DRAINAGE SEWER, FIELD INLET, INLET MANHOLE, MANHOLE, & END SECTION.
	EXISTING OVERHEAD UTILITIES
	EXISTING TELEPHONE
	EXISTING UNDERGROUND UTILITIES
	EXISTING GAS
	EXISTING ELECTRIC
	EXISTING WATER LINE
	EXISTING ELEC & TELE
	EXISTING CABLE TV
	EXISTING FIBER
	EXISTING LIGHT CONTROL
	EXISTING GUARD RAIL
	TREE, HEDGE, EDGE OF WOODS
	EXISTING SWALE
	BARBED WIRE, STOCKADE, CHAIN LINKED FENCE
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION @ X
	CONCRETE PAD/ CONCRETE SIDEWALK
	PROPOSED EASEMENT LINE.
	PROPOSED CONCRETE CURB
	PROPOSED WATER MAIN, VALVE, & HYDRANT.
	PROPOSED SANITARY SEWER, & MANHOLE.
	PROPOSED DRAINAGE SEWER, FIELD INLET, INLET MANHOLE, MANHOLE, & END SECTION.
	PROPOSED OVERHEAD UTILITIES
	PROPOSED TELEPHONE
	PROPOSED UNDERGROUND UTILITIES
	PROPOSED GAS SERVICE
	PROPOSED ELECTRIC SERVICE
	PROPOSED ELEC & TELE
	PROPOSED SILT FENCE
	PROPOSED ORANGE CONSTRUCTION FENCE
	PROPOSED LIMITS OF DISTURBANCE
	PROPOSED COMPOST FILTER SOCK
	PROPOSED GUARD RAILING

GROUNDING NOTES

- GROUNDING NOTES:**
- ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION, AND AC POWER GES'S) SHALL BE BONDED TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
 - THE SUBCONTRACTOR SHALL PERFORM IEEE FALL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (PER IEEE 1100 AND 81) FOR GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS.
 - THE SUBCONTRACTOR IS RESPONSIBLE FOR PROPERLY SEQUENCING GROUNDING AND UNDERGROUND CONDUIT INSTALLATION AS TO PREVENT ANY LOSS OF CONTINUITY IN THE GROUNDING SYSTEM OR DAMAGE TO THE CONDUIT.
 - METAL CONDUIT AND TRAY SHALL BE GROUNDED AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH #6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMPS.
 - METAL RACEWAY SHALL NOT BE USED AS THE NEC REQUIRED EQUIPMENT GROUND CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION, SIZED IN ACCORDANCE WITH THE NEC, SHALL BE FURNISHED AND INSTALLED WITH THE POWER CIRCUITS TO BTS EQUIPMENT.
 - EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE EQUIPMENT GROUND RING WITH GREEN INSULATED SUPPLEMENTAL EQUIPMENT GROUND WIRES, 6 AWG STRANDED COPPER OR LARGER FOR INDOOR BTS; 2 AWG STRANDED COPPER FOR OUTDOOR BTS.
 - CONNECTIONS TO THE GROUND BUS SHALL NOT BE DOUBLED UP OR STACKED. BACK TO BACK CONNECTIONS ON OPPOSITE SIDES OF THE GROUND BUS ARE PERMITTED.
 - ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
 - ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
 - USE OF 90° BENDS IN THE PROTECTION GROUNDING CONDUCTORS SHALL BE AVOIDED WHEN 45° BENDS CAN BE ADEQUATELY SUPPORTED. ALL BENDS SHALL BE MADE WITH 12" RADIUS OR LARGER.
 - EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
 - ALL GROUND CONNECTIONS ABOVE GRADE (INTERIOR) SHALL BE FORMED USING HIGH PRESS CRIMPS. EXCEPT FOR GROUND BAR CONNECTION FROM MGB TO OUTSIDE. EXTERIOR GROUND SHALL ALL BE CADWELDED CONNECTIONS.
 - COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
 - ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED TO THE TOWER GROUND BAR.
 - APPROVED ANTIOXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
 - ALL EXTERIOR AND INTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
 - MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
 - BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND WIRES WITH 1-#2 AWG TIN-PLATED COPPER GROUND CONDUCTOR.
 - GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A RING AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT TO MEET CODE REQUIREMENTS OR LOCAL CONDITIONS, NON-METALLIC MATERIAL SUCH AS PVC PLASTIC CONDUIT SHALL BE USED. WHERE USE OF METAL CONDUIT IS UNAVOIDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE) THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.

GENERAL NOTES

- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
 CONTRACTOR - CENTERLINE COMMUNICATIONS
 SUBCONTRACTOR - GENERAL CONTRACTOR
 (CONSTRUCTION) OWNER - AT&T MOBILITY CORP.
- ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
- DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE CONTRACTOR.
- THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
- THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
- SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
- THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
- IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- THE SUBCONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE.
- SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.

ABBREVIATIONS

ABBREVIATIONS	
AC	ALTERNATING CURRENT
AGL	ABOVE GRADE LEVEL
AIG	AMPERAGE INTERRUPTION CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BCW	BARE COPPER WIRE
BTC	BARE TINNED COPPER CONDUCTOR
BTS	BASE TRANSCEIVER STATION
BATT	BATTERY
CHG	CHARGING
COMM	COMMON
DC	DIRECT CURRENT
DIA	DIAMETER
DWG	DRAWING
(E)	EXISTING
EC	ELECTRICAL CONDUCTOR
EG	EQUIPMENT GROUND
EGR	EQUIPMENT GROUND RING
EMT	ELECTRICAL METALLIC TUBING
FIF	FACILITY INTERFACE FRAME
GEN	GENERATOR
GPS	GLOBAL POSITIONING SYSTEM
GSM	GLOBAL SYSTEM FOR MOBILE
HVAC	HEAT/VENTILATION/AIR CONDITIONING
IGR	INTERIOR GROUNDING RING (HALO)
MGB	MASTER GROUNDING BAR
MIN	MINIMUM
MW	MICROWAVE
MTS	MANUAL TRANSFER SWITCH
NEC	NATIONAL ELECTRICAL CODE
N.T.S.	NOT TO SCALE
OC	ON CENTER
PP	POLARIZING PERSERVING
PCJ	PRIMARY CONTROL UNIT
PDJ	PROTOCOL DATA UNIT
RBS	RADIO BASE STATION
RECT	RECTIFIER
REF	REFERENCE
REQ	REQUIRED
RET	REMOTE ELECTRICAL TILT
RF	RADIO FREQUENCY
RMC	RIGID METALLIC CONDUIT
RRH	REMOTE RADIO HEAD
RRU	REMOTE RADIO UNIT
RWY	RACEWAY
SIAD	SMART INTEGRATED ACCESS DEVICE
T.B.D.	TO BE DETERMINED
T.B.R.	TO BE RESOLVED
TDMA	TIME-DIVISION MULTIPLE ACCESS
TMA	TOWER MOUNT AMPLIFIER
TVSS	TRANSIENT VOLTAGE SUPPRESSION SYSTEM
TYP	TYPICAL
UMTS	UNIVERSAL MOBILE TELECOMMUNICATION SYSTEM

REFERENCES:

- NO BOUNDARY SURVEY OR SEARCH OF DEEDS WAS PERFORMED. APPROXIMATE PROPERTY LINES SHOWN HEREON PER MUNICIPAL / COUNTY TAX MAPS AND / OR AVAILABLE REFERENCE MAPPING.
- TOPOGRAPHY AND EXISTING FEATURES SHOWN FROM A FIELD SURVEY BY COSTICH ENGINEERING ON 7/14/2022 HORIZONTAL AND VERTICAL DATA OBTAINED THROUGH NYS DOT CORS NETWORK REFERENCED TO THE FOLLOWING MONUMENT
 PITTSFORD CORS STATION
 -LATITUDE: 43-05-35.48461 (N) NAD 83 (CORS)
 -LONGITUDE: 077-31-31.11244 (W)
 -ELLIP HEIGHT: 113.481 METERS NAVD 88 (CORS)
- CONSTRUCTION DRAWINGS PREPARED BY CANNONDESIGN, PROJECT TITLE: SERVER ROOM AND OFFICE SPACE RENOVATIONS, PROJECT NO. 02615.21, DATED 04-17-08 WITH A LAST REVISION DATE OF 01-05-09.
- STRUCTURAL ANALYSIS ENTITLED, " EXTENSION OF A 61 FT TO A 84 FT MONOPOLE" HAVING SITE NUMBER: 20601 AT&T FA13084105, DATED 11/27/2019.

at+T MOBILITY CORP.
 5841 BRIDGE STREET
 EAST SYRACUSE, NY 13057

• CIVIL ENGINEERING
 • LAND SURVEYING
 • LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
 217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR FD REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS. REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
 COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/ HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/ HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

HENRIETTA EAST
 FA# 12926742

TOWN OF HENRIETTA
 COUNTY OF MONROE
 STATE OF NEW YORK

SHEET TITLE
GENERAL NOTES

C.E. JOB NUMBER	SHEET NUMBER
8546	GA002
	SHEET 02 OF 07

ELECTRICAL NOTES

ELECTRICAL INSTALLATION NOTES:

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
- CONDUIT ROUTING ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
- WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC.
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC.
- CABLES SHALL NOT BE ROUTES THROUGH LADDER-STYLE CABLE TRAY RUNGS.
- EACH END OF EVERY POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2" PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRE NUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRE NUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (90°C IF AVAILABLE).
- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- EMT CONDUIT SHALL BE USED FOR ALL INDOOR LOCATIONS.
- PVC SCH 80 OR EMT SHALL BE USED FOR ALL OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NON-METALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TIGHT FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANSI/IEEE, AND NEC.
- WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- NON-METALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
- THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROSPERITY.

CONCRETE AND REINFORCING STEEL NOTES

NOTES:

- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184, ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS, UNLESS OTHERWISE NOTED.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS:
CONCRETE CAST AGAINST EARTH.....3 IN.
CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 AND LARGER2 IN.
#5 AND SMALLER & WWF1 1/2" IN.
CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
SLAB AND WALL3/4" IN.
BEAM AND COLUMNS1 1/2" IN.
- A CHAMFER OF 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNO, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD OR APPROVED EQUAL.

ANTENNA AND CABLE SCHEDULE NOTES

NOTES:

- SUBCONTRACTOR SHALL VERIFY THE ACTUAL LENGTH IN THE FIELD BEFORE INSTALLATION.
- TAG AND COLOR CODE ALL MAIN CABLES AT LOCATIONS PER AT&T TOWER/ANTENNA CABLE MARKING STANDARD:
- TOP OF TOWER END OF MAIN COAX
- BOTTOM OF TOWER END OF MAIN COAX
- DIRECTLY BEFORE AND AFTER RF EQUIPMENT
- END OF JUMPERS AT BTS EQUIPMENT
- ANTENNAS SHALL BE PROCURED AND INSTALLED WITH DOWN TILT MOUNTING BRACKETS SUPPLIED BY ANTENNA MANUFACTURER.
- PRIOR APPROVAL IS REQUIRED BEFORE PERFORMING ANY WORK ON EXISTING CELL SITE EQUIPMENT.
- SUBCONTRACTOR SHALL PROVIDE ALL GROUNDING KITS AND WEATHERPROOFING KITS.
- THE MAIN COAX LENGTH DIFFERS FROM THE RF DATA SHEET BASED ON WALKDOWN BY THE AE.
- BASED UPON RF CONFIGURATION PROVIDED BY at&t MOBILITY CORP. RF SHEET.

RF NOTES

- ACTUAL LENGTHS SHALL BE DETERMINED PER SITE CONDITION BY SUBCONTRACTOR.
- THE DESIGN IS BASED ON RF DATA SHEETS, SIGNED AND APPROVED.
- RADIO SIGNAL CABLE AND RACEWAY SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC, NFPA 70), CHAPTER 8.
- ALL SPECIFIED MATERIAL FOR EACH LOCATION (E.G. OUTDOORS-OCCUPIED, INDOORS-UNOCCUPIED, PLENUMS, RISER SHAFTS, ETC.) SHALL BE APPROVED, LISTED, OR LABELED AS REQUIRED BY THE NEC.
- RADIO SIGNAL CABLE SHALL BE SUPPORTED AT MINIMUM OF EVERY THREE (3) FEET EXCEPT INSIDE MONOPOLES OR LATTICE TOWERS WHERE CABLE AND CONNECTOR MANUFACTURERS SUPPORT RECOMMENDATIONS SHALL BE FOLLOWED. MANUFACTURER RECOMMENDED CABLE SUPPORT ACCESSORIES SHALL BE USED.
- THE OUTDOOR CABLE SUPPORT SYSTEM SHALL BE PROVIDED WITH AN ICE SHIELD TO SUPPORT AND PROTECT ANTENNA CABLE RUNS.
- DRIP LOOPS SHALL BE REQUIRED ON ALL OUTSIDE CABLES. CABLES SHALL BE SLOPED AWAY FROM BUILDING OR OUTDOOR BTS CABINETS TO PREVENT WATER FROM ENTERING THROUGH THE COAXIAL CABLE PORT.
- ALL FEEDER LINE AND JUMPER CONNECTORS SHALL BE 7/16 DIN CABLE CONNECTORS THAT MEET IP68 STANDARDS.
- 7/16 DIN CONNECTORS REQUIRE NO ADDITIONAL WEATHER PROOFING IN INDOOR APPLICATIONS IF INSTALLED AND TORQUED PROPERLY. IN OUTDOOR APPLICATIONS WEATHER PROOFING IS REQUIRED AND THE FOLLOWING PROCEDURE SHOULD BE FOLLOWED.
- USING WEATHERPROOFING KIT APPROVED BY CABLE MANUFACTURE AND CONTRACTOR START TAPE APPROXIMATELY 5 INCHES FROM THE CONNECTOR AND WRAP 2 INCHES TOWARD THE CONNECTOR, THEN REVERSE THE TAPE SO THAT THE STICKY SIDE IS UP. TAPE OVER THE CONNECTOR OR SURGE ARRESTOR UNTIL THREE (3) TO FOUR (4) INCHES BEYOND THE CONNECTOR AND REVERSE AGAIN WITH THE STICKY SIDE DOWN FOR ANOTHER INCH OR TWO. ASS THE BUTYL RUBBER AND FINISH WITH A FINAL LAYER OF TAPE.
- WHEN REQUIRED BY THE LANDLORD OR AUTHORITY OF HAVING JURISDICTION, ANTENNAS SHALL BE PAINTED IN ACCORDANCE WITH ANTENNA MANUFACTURERS' SURFACES PREPARATION AND PAINTING REQUIREMENTS.
- CABLE SHIELDS, AND TOWER CONDUITS SHALL BE GROUNDED AT THE TOP OF THE TOWER, WITHIN 10 FEET OF THEIR CONNECTORS, AND AT THE BOTTOM OF THE TOWER ABOUT 6 INCHES BEFORE THEY TURN TOWARD THE FACILITY. THEY SHALL BE GROUNDED AT THE MIDPOINT OF THE TOWERS THAT ARE BETWEEN 100 FEET AND 200 FEET HIGH, AND AT INTERVALS OF 100 FEET OR LESS ON TOWERS THAT ARE HIGHER THAN 200 FEET.
- APPROVED GROUNDING KITS, WHICH INCLUDE GROUNDING STRAPS, SHALL BE USED TO GROUND THE COAXIAL CABLE SHIELDS, AND CONDUITS. THE GROUND CONDUCTORS FOR THE KITS AT THE TOP OF THE TOWER, AND IN THE MIDDLE SECTION OF THE TOWER, ARE BONDED DIRECTLY TO GROUND BAR USING EXOTHERMIC OR COMPRESSION CONNECTIONS.
- ALL RADIO SIGNAL CABLE SHALL BE LABELED PER MARKET REQUIREMENTS.
- ANTENNA FEED LINE SYSTEM SWEEP TESTING SHALL BE PERFORMED AND REPORTED IN ACCORDANCE WITH CARRIER REQUIREMENTS. CONTRACTOR WILL NOT ACCEPT A RADIO SIGNAL CABLE INSTALLATION WITH UNSATISFACTORY SWEEP TEST RESULTS. THERE SHALL ALSO BE A HARD COPY OF SWEEPS LEFT AT SITE UPON COMPLETION OF SWEEP TEST.

STRUCTURAL STEEL NOTES

NOTES:

- ALL STEEL SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND IN ACCORDANCE WITH ASTM A36 UNLESS OTHERWISE NOTED.
- ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION." PAINTED SURFACES SHALL BE TOUCHED UP.
- BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE (3/4"Ø) CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
- NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE MANUFACTURER'S STANDARD SADDLE CLAMPS & SCREWS (GALVANIZED).
- INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR CONTRACTOR APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS.
- ALL METAL WORK SHALL BE GALVANIZED IN ACCORDANCE WITH SPECIFICATION ASTM A123. ALL SHOP WELDED MEMBERS SHALL BE GALVANIZED AFTER FABRICATION.



at+t MOBILITY CORP.
5841 BRIDGE STREET
EAST SYRACUSE, NY 13057



COSTICH ENGINEERING
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR FD REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS, REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

	PROJECT MANAGER
	M.P.M.
	DRAWN BY
	T.K.W.

COPYRIGHT 2024
COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/ HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/ HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

SITE INFORMATION

HENRIETTA EAST
FA# 12926742

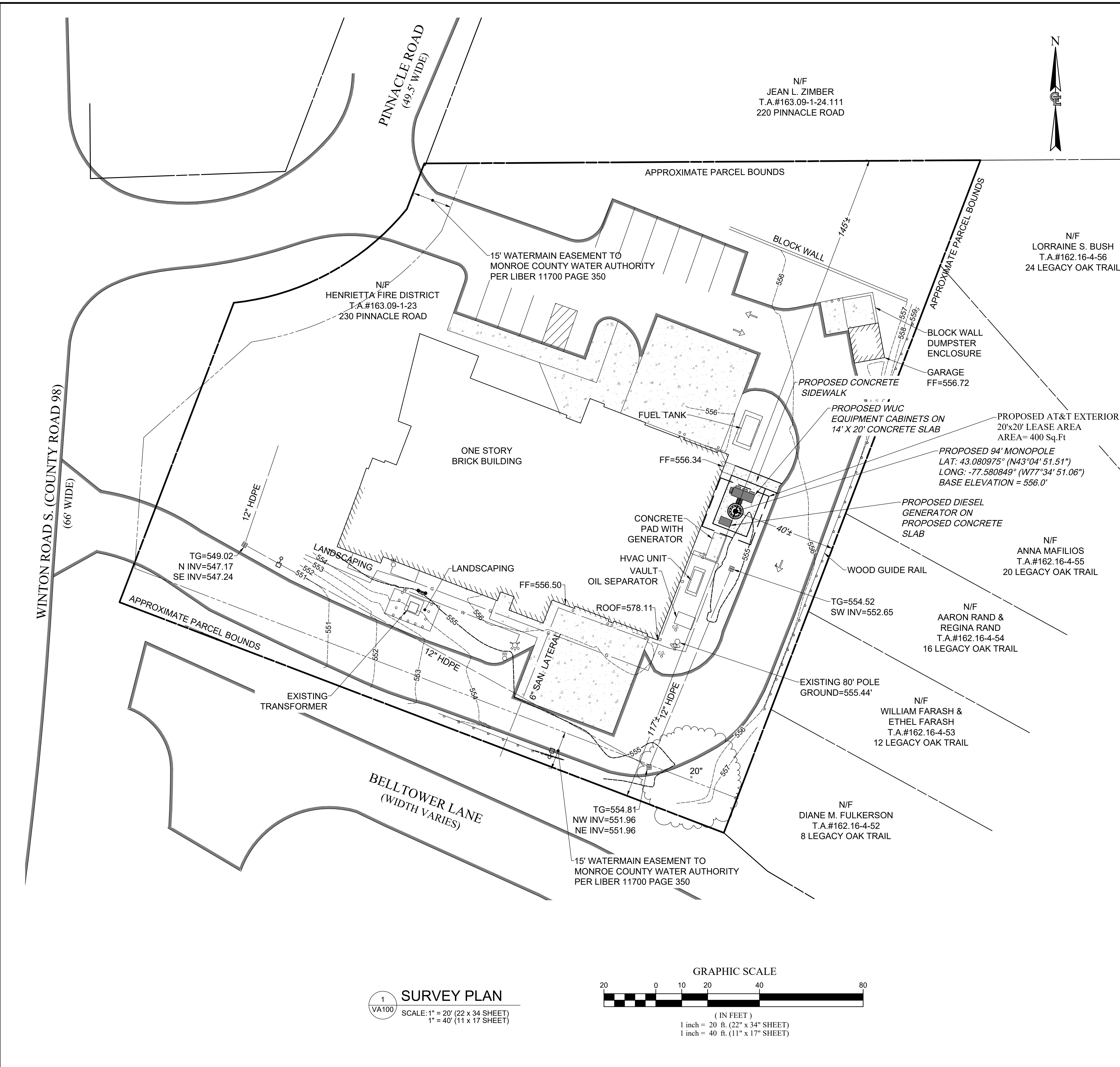
TOWN OF HENRIETTA
COUNTY OF MONROE
STATE OF NEW YORK

SHEET TITLE

GENERAL NOTES

C.E. JOB NUMBER SHEET NUMBER

8546 GA003
SHEET 03 OF 07



SYMBOL LEGEND

- | | | | |
|---|------------------------|---|-------------------------|
| ⊙ | DRAINAGE MANHOLE | ⊙ | ELECTRIC MANHOLE |
| ⊕ | INLET DRAINAGE MANHOLE | ⊙ | ELECTRIC METER |
| ⊞ | CATCH BASIN | ⊞ | TELEPHONE MANHOLE |
| △ | END SECTION | ⊞ | TELEPHONE PEDESTAL |
| + | END OF PIPE | ⊞ | PHONE BOOTH |
| ⊕ | MANHOLE | ⊞ | PEDESTRIAN POLE |
| ⊕ | SANITARY MANHOLE | ⊞ | TRAFFIC CONTROL CABINET |
| ⊕ | CLEAN OUT | ⊞ | LAMP POST |
| ⊕ | GAS VALVE | ⊞ | LIGHT POLE |
| ⊕ | GAS SERVICE | ⊞ | UTILITY POLE WITH LIGHT |
| ⊕ | GAS METER | ⊞ | FLAG POLE |
| ⊕ | SPRINKLER VALVE | ⊞ | MAILBOX |
| ⊕ | SPRINKLER HEAD | ⊞ | BOLLARD |
| ⊕ | WATER VALVE | ⊞ | POST |
| ⊕ | WATER SERVICE | ⊞ | SIGN |
| ⊕ | HYDRANT | ⊞ | SIGN |
| ⊕ | WATER METER | ⊞ | SIGN |
| ⊕ | WELL | ⊞ | TURNING ARROW |
| ⊕ | MONITOR WELL | ⊞ | HANDICAP |
| ⊕ | BORE | ⊞ | STOP BAR |
| ⊕ | CABLE TV PEDESTAL | ⊞ | TREE DECIDUOUS |
| ⊕ | SIGNAL POLE | ⊞ | TREE CONIFEROUS |
| ⊕ | GUY WIRE | ⊞ | BUSH |
| ⊕ | PULL BOX | ⊞ | AIR CONDITIONING UNIT |
| ⊕ | ELECTR. PULL BOX | ⊞ | SANITARY UTILITY LATH |
| ⊕ | TELEPHONE PULL BOX | ⊞ | GAS UTILITY LATH |
| ⊕ | TRAFFIC PULL BOX | ⊞ | WATER UTILITY LATH |
| ⊕ | TRANSFORMER | ⊞ | TELEPHONE UTILITY LATH |
| | | ⊞ | ELECTRIC UTILITY LATH |
| | | ⊞ | CABLE UTILITY LATH |

LINE LEGEND

- | | |
|-----|--|
| --- | SECTION/PARCEL BOUNDARY |
| --- | MIN. BUILDING SETBACK |
| --- | CENTER LINE |
| --- | EXIST. EASEMENT LINE |
| --- | EXIST. RIGHT-OF-WAY LINE |
| --- | EXIST. EDGE OF PAVEMENT |
| --- | EXISTING WATER MAIN, VALVE, & HYDRANT. |
| --- | EXISTING SANITARY SEWER, & MANHOLE. |
| --- | EXISTING DRAINAGE SEWER, FIELD INLET, INLET MANHOLE, MANHOLE, & END SECTION. |
| --- | EXISTING OVERHEAD UTILITIES |
| --- | EXISTING TELEPHONE |
| --- | EXISTING UNDERGROUND UTILITIES |
| --- | EXISTING GAS |
| --- | EXISTING ELECTRIC |
| --- | EXISTING GUARD RAIL |
| --- | TREE, HEDGE, EDGE OF WOODS |
| --- | EXISTING SWALE |
| --- | BARBED WIRE, STOCKADE, CHAIN LINKED FENCE |
| --- | EXISTING CONTOUR |
| --- | EXISTING SPOT ELEVATION @ X |
| --- | CONCRETE PAD/ CONCRETE SIDEWALK |

SURVEY NOTES

1. TOPOGRAPHY SHOWN FROM A FIELD SURVEY BY COSTICH ENGINEERING ON 7/14/2022 HORIZONTAL AND VERTICAL DATA OBTAINED THROUGH NYS DOT CORS NETWORK REFERENCED TO THE FOLLOWING MONUMENT

PITTSFORD CORS STATION
 -LATITUDE: 43-05-35.48461 (N) NAD 83 (CORS)
 -LONGITUDE: 077-31-31.11244 (W)
 -ELLIP HEIGHT: 113.481 METERS NAVD 88 (CORS)

AT&T

at+T MOBILITY CORP.
 5841 BRIDGE STREET
 EAST SYRACUSE, NY 13057

CENTERLINE

COSTICH ENGINEERING

- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

217 LAKE AVENUE
 ROCHESTER, NY 14608
 (585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS, REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
 COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

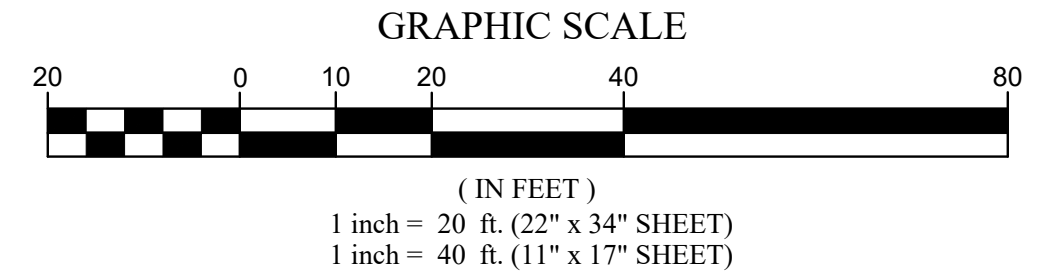
HENRIETTA EAST
 FA# 12926742

TOWN OF HENRIETTA
 COUNTY OF MONROE
 STATE OF NEW YORK

SHEET TITLE
SURVEY PLAN

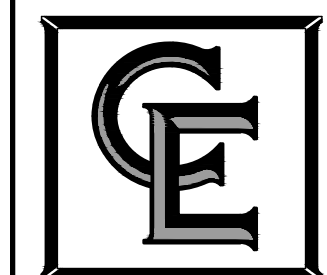
C.E. JOB NUMBER 8546	SHEET NUMBER VA100
SHEET 04 OF 07	

1 SURVEY PLAN
 SCALE: 1" = 20' (22" x 34" SHEET)
 1" = 40' (11" x 17" SHEET)





at+ mobility corp.
5841 BRIDGE STREET
EAST SYRACUSE, NY 13057



- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

COSTICH ENGINEERING
217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS. REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
COSTICH ENGINEERING, D.P.C.

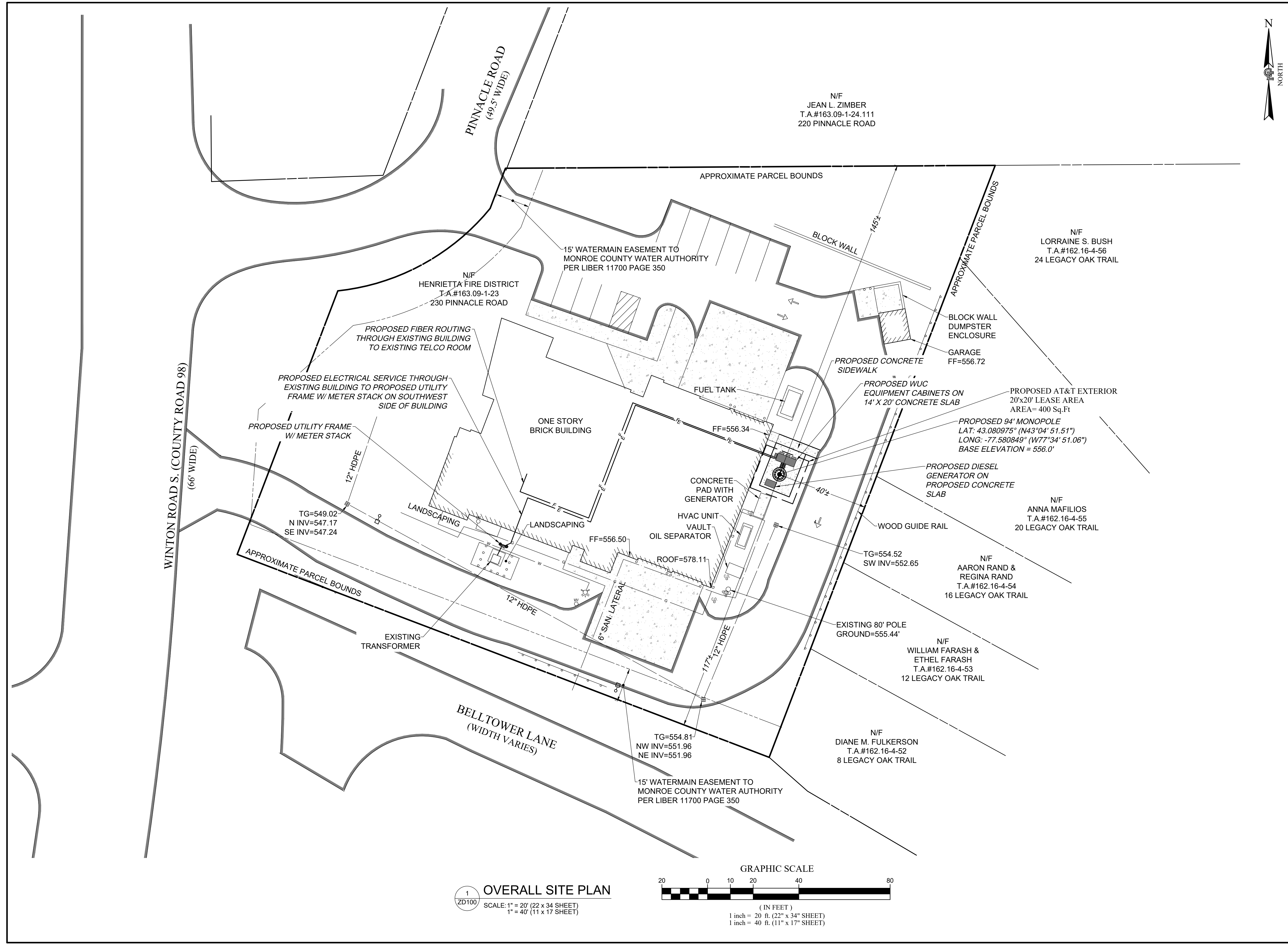
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

HENRIETTA EAST
FA# 12926742

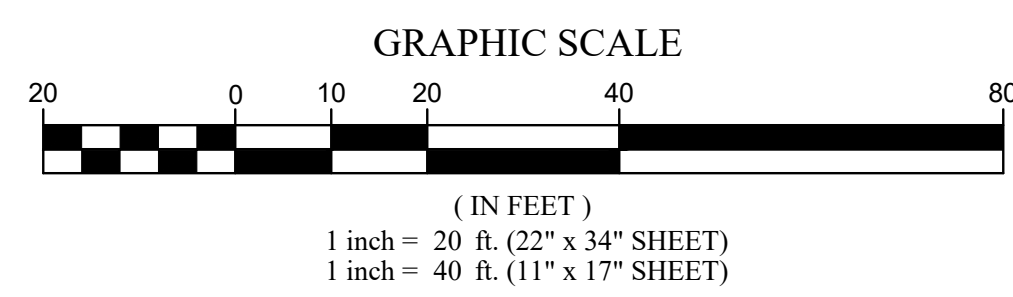
TOWN OF HENRIETTA
COUNTY OF MONROE
STATE OF NEW YORK

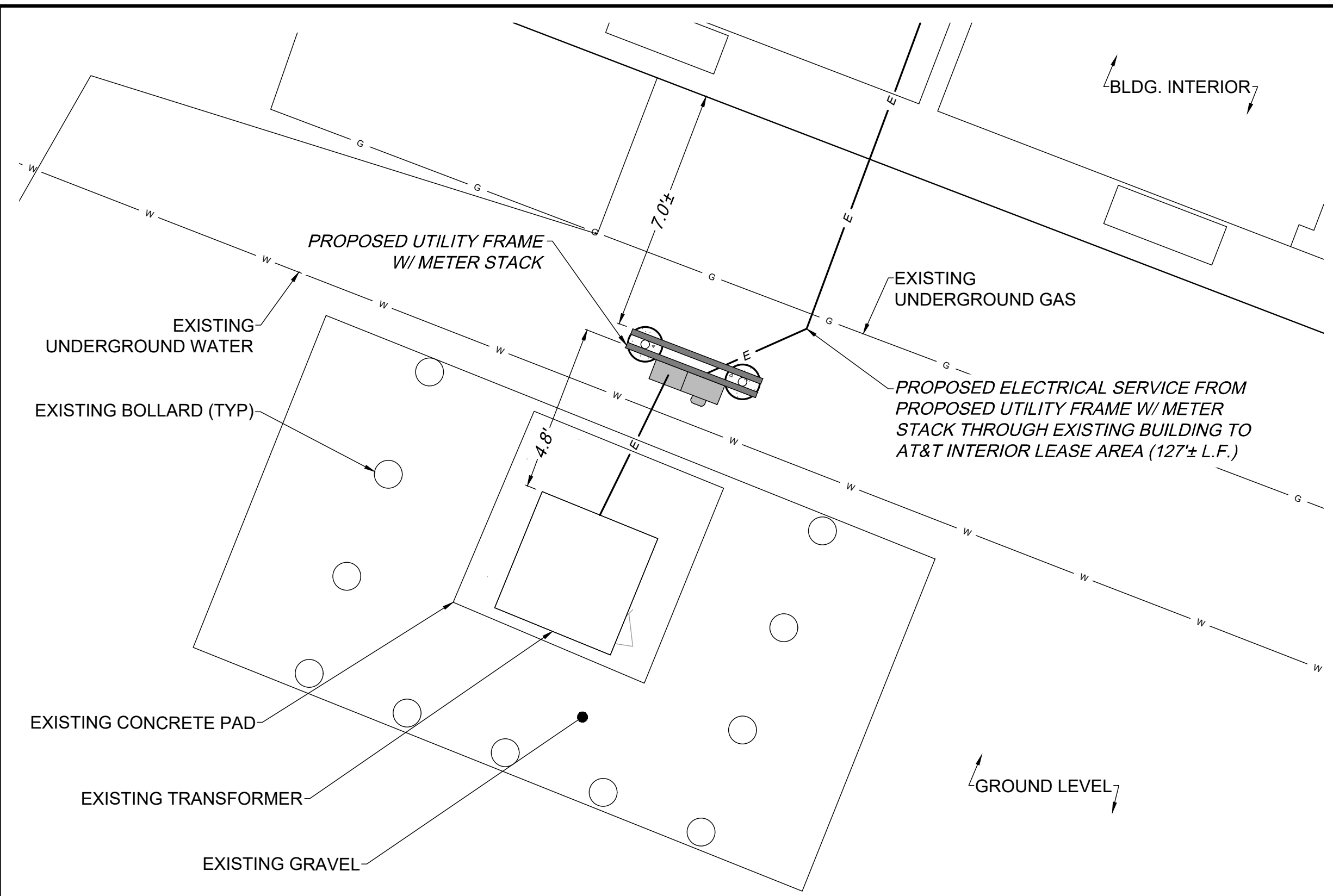
SHEET TITLE
OVERALL SITE PLAN

C.E. JOB NUMBER 8546	SHEET NUMBER ZD100
SHEET 05 OF 07	



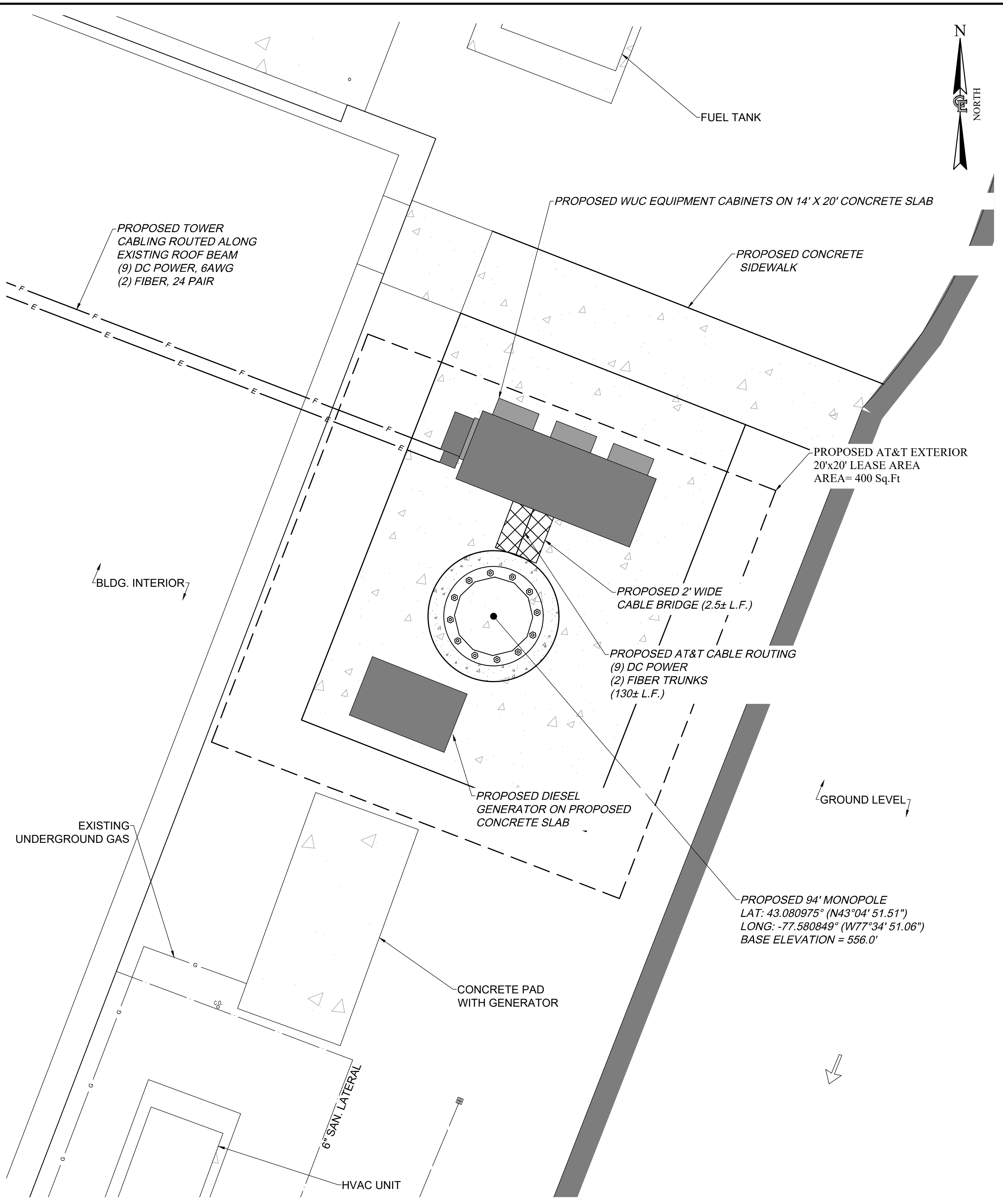
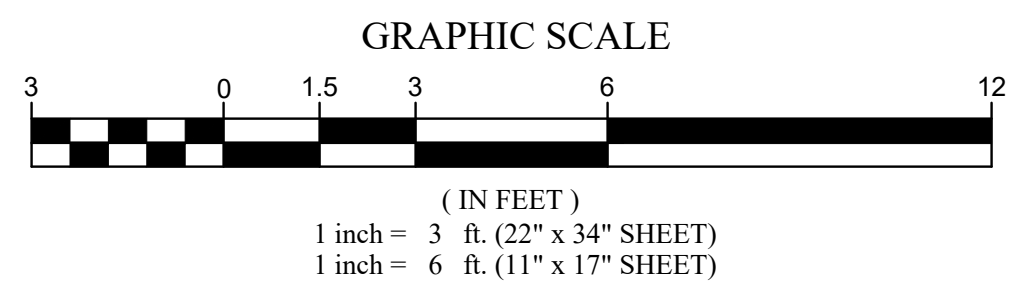
1 OVERALL SITE PLAN
SCALE: 1" = 20' (22 x 34 SHEET)
1" = 40' (11 x 17 SHEET)





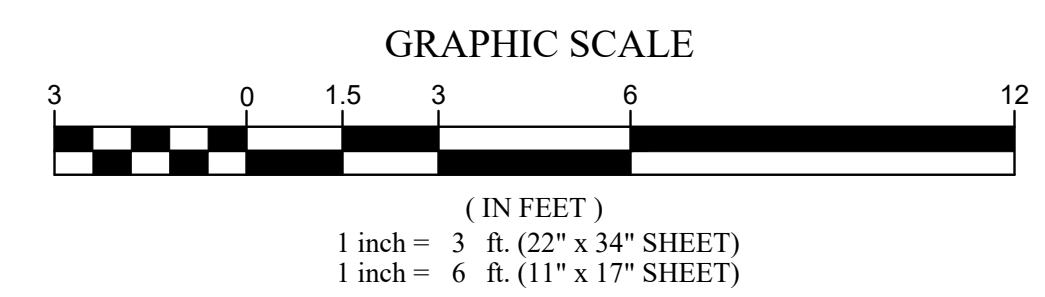
SOUTHWEST (POWER SOURCE)

1
ZD110
COMPOUND PLAN
SCALE: 1" = 3' (22" x 34" SHEET)
1" = 6' (11" x 17" SHEET)



EAST (TOWER)

2
ZD110
COMPOUND PLAN
SCALE: 1" = 3' (22" x 34" SHEET)
1" = 6' (11" x 17" SHEET)



AT&T

at+ mobility corp.
5841 BRIDGE STREET
EAST SYRACUSE, NY 13057

CENTERLINE

COSTICH ENGINEERING

- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS. REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/HER SEAL AND THE NOTATION "ALTERED BY", FOLLOWED BY HIS/HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

HENRIETTA EAST
FA# 12926742

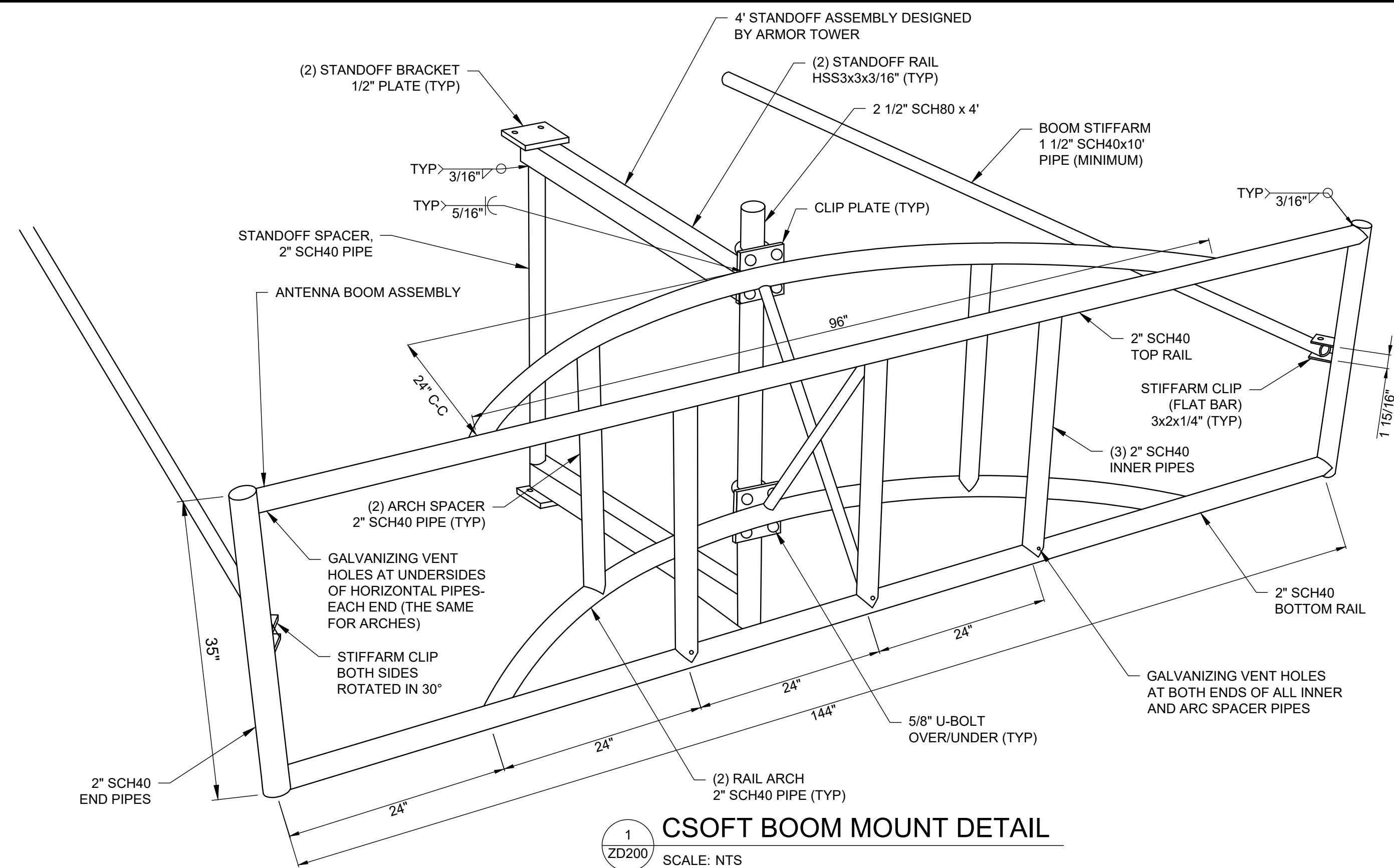
TOWN OF HENRIETTA
COUNTY OF MONROE
STATE OF NEW YORK

SHEET TITLE
COMPOUND PLAN

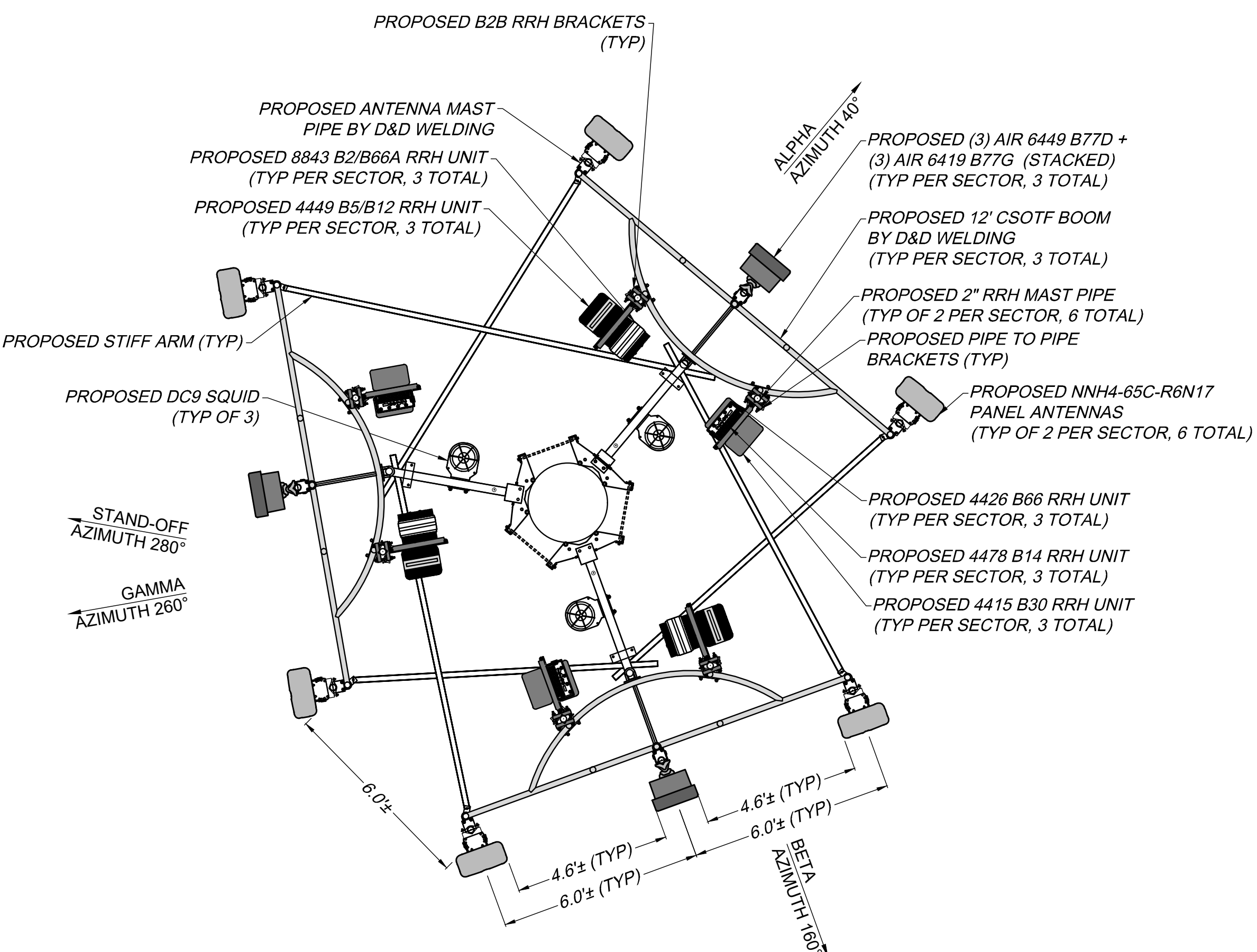
C.E. JOB NUMBER
8546

SHEET NUMBER
ZD110

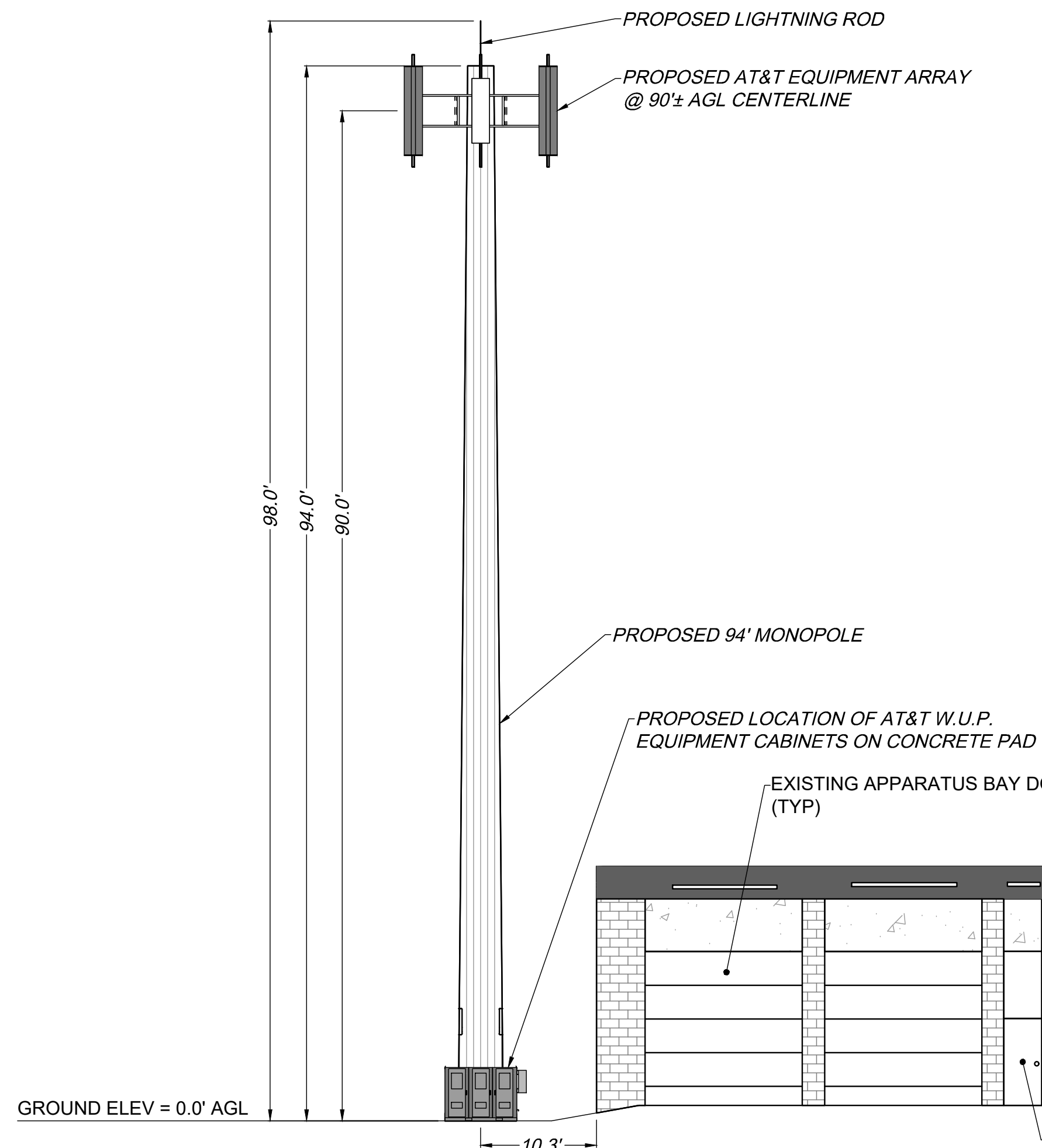
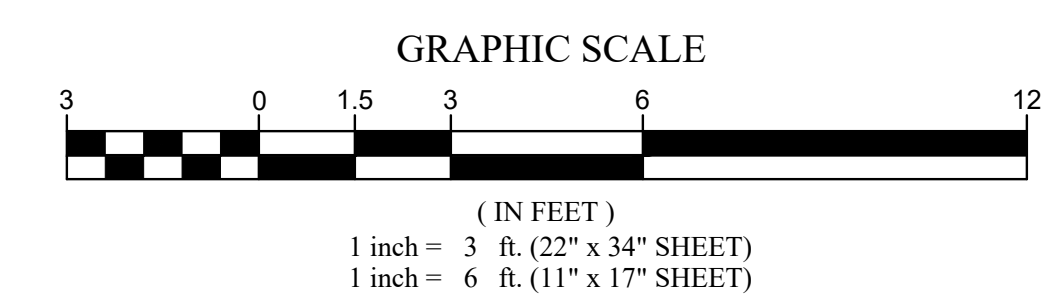
SHEET 06 OF 07



1 CSOFT BOOM MOUNT DETAIL
ZD200 SCALE: NTS

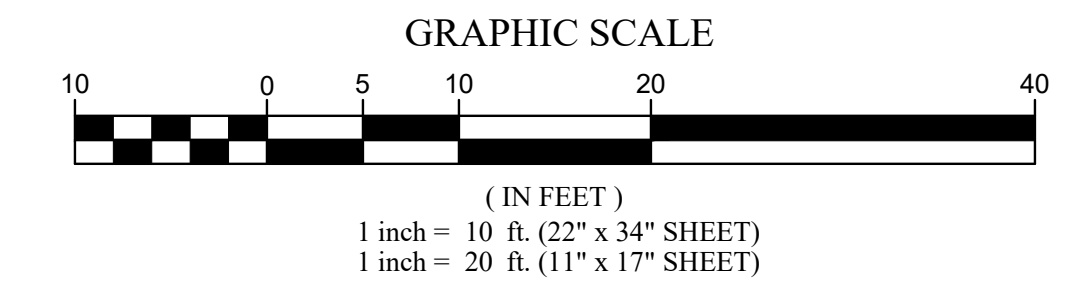


2 ANTENNA ORIENTATION
ZD200 SCALE: 1" = 3' (22" x 34" SHEET)
1" = 6' (11" x 17" SHEET)



3 TOWER ELEVATION
ZD200 SCALE: 1" = 10' (22" x 34" SHEET)
1" = 20' (11" x 17" SHEET)

- FIREHALL TOWER ELEV = 27.5'± AGL
- APPARATUS BAY ELEV = 22.7'± AGL
- UPPER ROOF ELEV = 21.0'± AGL
- LOWER ROOF ELEV = 16.0'± AGL
- MEZZANINE ELEV = 11.6'± AGL
- GROUND ELEV = 0.0' AGL



AT&T

at+ mobility corp.
5841 BRIDGE STREET
EAST SYRACUSE, NY 13057

CENTERLINE

COSTICH ENGINEERING

- CIVIL ENGINEERING
- LAND SURVEYING
- LANDSCAPE ARCHITECTURE

217 LAKE AVENUE
ROCHESTER, NY 14608
(585) 458-3020

NO.	DATE	COMMENTS
0	08/11/2022	ISSUED PRELIMINARY FOR REVIEW
1	03/13/2023	REVISED PER COMMENTS ISSUED FOR REVIEW
2	10/24/2023	ALTERNATIVES FOR EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
3	11/10/2023	EQUIPMENT RELOCATION TO OUTDOORS ISSUED SCHEMATIC FOR REVIEW
4	01/05/2024	ISSUED PRELIMINARY FOR REVIEW
5	02/06/2024	REVISED PER 01/08/2024 COMMENTS. REISSUED PRELIMINARY FOR REVIEW
6	03/14/2024	UPDATED AT&T AND CENTERLINE LOGOS TO CURRENT
7	06/10/2024	ISSUED FOR ZONING SUBMISSION

PROJECT MANAGER
M.P.M.

DRAWN BY
T.K.W.

COPYRIGHT 2024
COSTICH ENGINEERING, D.P.C.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR, ARCHITECT OR LANDSCAPE ARCHITECT, TO ALTER ANY ITEM ON THIS DOCUMENT IN ANY WAY. ANY LICENSEE WHO ALTERS THIS DOCUMENT IS REQUIRED BY LAW TO AFFIX HIS/HER SEAL AND THE NOTATION "ALTERED", FOLLOWED BY HIS/HER SIGNATURE AND SPECIFIC DESCRIPTION OF THE ALTERATION, TO THE DOCUMENT.

SITE INFORMATION

HENRIETTA EAST
FA# 12926742

TOWN OF HENRIETTA
COUNTY OF MONROE
STATE OF NEW YORK

SHEET TITLE

**PROPOSED ELEVATION,
ORIENTATION &
DETAILS**

C.E. JOB NUMBER
8546

SHEET NUMBER
ZD200

SHEET 07 OF 07