

PHILIP C. PIRES

Please Reply To Bridgeport E-Mail: ppires@cohenandwolf.com

March 16, 2022

Via e-mail and overnight mail

Attorney Melanie Bachman Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

Re: Docket No. 503 - Arx Wireless Infrastructure, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 43 Osgood Avenue, New Britain, Connecticut.

Responses to Council's D&M Plan Interrogatories

Dear Attorney Bachman:

On behalf of ARX Wireless Infrastructure, LLC ("ARX"), please find enclosed an original and fifteen (15) copies of ARX's Responses to the Council's D&M Plan Interrogatories dated March 14, 2022.

Very truly yours,

Philip C. Pires

Enclosures

cc: Service List

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

DOCKET NO. 503

ARX WIRELESS INFRASTRUCTURE, LLC
APPLICATION FOR A CERTIFICATE OF
ENVIRONMENTAL COMPATIBILITY AND
PUBLIC NEED FOR THE CONSTRUCTION,
MAINTENANCE AND OPERATION OF A
TELECOMMUNICATIONS FACILITY

LOCATED AT 43 OSGOOD AVENUE, NEW :

BRITAIN, CONNECTICUT : MARCH 16, 2022

ARX WIRELESS INFRASTRUCTURE LLC'S RESPONSES TO D&M PLAN INTERROGATORIES OF THE CONNECTICUT SITING COUNCIL DATED MARCH 14, 2022

Docket No. 503 D&M Plan Interrogatories

1. Referencing the Development and Management (D&M) Plan received February 22, 2022, please resubmit a clearer version of Sheets T-001 through A-101. The text/notes/dimensions of the drawings are not fully legible

Response:

Please see attached legible copies of Sheets T-001 through A-101. The enclosed Rev 2 has an updated font, which makes the information more readable.

2. At approximately what height above ground level is the yield point located in order to achieve the 70-foot (maximum) fall radius? Explain.

Response:

The tower has been designed with a pre-engineered fault at 70' above grade level. The closest Property line to the monopole tower is 89' +/-. Therefore, in a catastrophic failure, this design should allow for the tower to remain on the host property.

3. What would be the run time for the backup generator before it needs to be refueled, based on its fuel tank capacity and full load conditions?

Response: The backup generator will not require refueling as it is a Natural Gas generator. It will receive its fuel source the Connecticut Natural Gas line that runs within Beach Street.

4. Would any trees six inches or greater in diameter be removed to construct the project?

Response: No.

5. Referencing Condition No. 2e of the Council's Decision and Order dated December 16, 2021, identify the features of the D&M Plan related to "water drainage and stormwater control" and where such features are located in the D&M Plan.

Response: Sedimentation and Erosion Control is shown on sheet C -103 around the compound area. The details for the S&E control are shown on Sheet C -106.

6. Would the tower have a galvanized gray finish? Explain.

Response: The tower will be made out of unpainted galvanized steel. The galvanized steel will weather overtime to a dull gray color. The monopole tower will have a galvanized finish that will weather over time to a dull gray color.

RESPECTFULLY SUBMITTED,

ARX WIRELESS INFRASTRUCTURE, LLC,

By:

David A. Ball, Esq. Philip C. Pires, Esq. Cohen and Wolf, P.C. 1115 Broad Street Bridgeport, CT 06604

Tel. No. (203) 368-0211

E-Mail: dball@cohenandwolf.com E-Mail: ppires@cohenandwolf.com

Juris No. 010032

CERTIFICATION OF SERVICE

I hereby certify that a copy of the foregoing was sent via electronic mail on this 16th day of March 2022, to the following:

Thomas J. Regan, Esq. Brown Rudnick LLP 185 Asylum Road Hartford, CT 06103 Tel: (860) 509-6527

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Joseph E. Skelly, Jr., Esq. Office of Corporation Counsel City of New Britain 27 West Main Street New Britain, CT 06051

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E-mail: Joseph.Skelly@newbritainct.gov

Philip C. Pires, Esq.

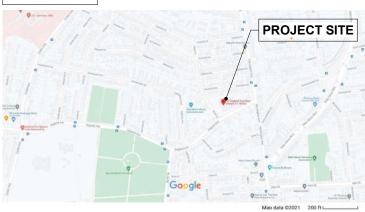


WIRELESS COMMUNICATIONS FACILITY

DOCKET NUMBER 503

CT0090 NEW BRITAIN 43 OSGOOD AVENUE NEW BRITAIN, CONNECTICUT







CODE REFERENCES

2018 Connecticut State Building Code

2015 International Building Code 2015 International Existing Building Code 2015 International Plumbing Code 2015 International Mechanical Code 2015 International Residential Code 2015 International Energy Conservation

2017 National Electrical Code (NFPA 70) 2009 ICC A117.1 Accessible and Usable Buildings & Facilities

PROJECT SUMMARY

ARCHITECT:

PROJECT NAME:	CT0090 NEW BRITAIN
SITE ADDRESS:	43 OSGOOD AVENUE NEW BRITAIN, CT 06053

PARCEL ID: C5 B115

ARX WIRELESS CONTACT: KEITH COPPINS 110 WASHINGTON AVENUE FOURTH FLOOR

NORTH HAVEN, CT 06473

LEGAL/REGULATORY COUNSEL: COHEN AND WOLF, P.C. 1115 BROAD STREET

BRIDGEPORT, CT 06604 203.337.4134

OSGOOD AVENUE PROPERTIES LLC. LAND LORD CONTACT

> DOUGLAS J. ROBERTS - ARCHITECT 110 WASHINGTON AVENUE FOURTH FLOOR

NORTH HAVEN, CT 06473

WESTON & SAMPSON SURVEYOR: SUITE 103

ROCKY HILL, CT 06067

LATITUDE: N 41° - 41' - 07.87" LONGITUDE: W 72° - 47' - 25.06" GRADE (PROPOSED) 344' - 0" +/- AMSL

SCOPE OF WORK

SHEET NUMBER

T - 001

GN - 001

C - 101

C - 102

C - 103

C - 104

C - 105

C - 106

C - 107

A - 101

ARX WIRELESS IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS ON PROPOSED TELECOMMUNICATION SITE:

SHEET NAME

TITLE SHEET

GENERAL NOTES

ABUTTERS PLAN

SITE PLAN

COMPOUND PLAN

NORTH ELEVATION

SITE DETAILS

EROSION CONTROL NOTES AND DETAILS

LANDSCAPE PLAN

AT&T EQUIPMENT AND DETAILS

- 50' x 50' FENCED COMPOUND WITHIN A 75' X 75' LEASE AREA.
- 104' MONOPOLE EXPANDABLE TO 145' DESIGNED FOR FOUR CARRIER PLATFORMS WITH ANTENNAS.
- POWER AND TELCO SERVICES WILL BE ROUTED UNDERGROUND FROM EXISTING OVERHEAD UTILITIES ON BEACH STREET TO PROPOSED ELECTRICAL
- NATURAL GAS SERVICE WILL BE ROUTED UNDERGROUND FROM THE EXISTING GAS LINE WITHIN BEACH STREET TO NATURAL GAS METER CENTER AT

SHEET INDEX

CURRENT REVISION | CURRENT REVISION DATE

MAR 15 2022

MAR. 15, 2022

MAR. 15, 2022

MAR. 15, 2022

MAR 15 2022

MAR. 15, 2022

MAR. 15, 2022

MAR. 15, 2022

MAR 15 2022

MAR. 15, 2022

AT&T IS PROPOSING TO INSTALL THE FOLLOWING EQUIPMENT:

- WALK IN CABINET (6'-8" x 6'-8") AND 20 KW NATURAL GAS GENERATOR ON CONCRETE PADS
- THREE (3) ANTENNAS ON TWO SECTORS FOR A TOTAL OF SIX (6) ANTENNAS, TWO (2) HYBRID CABLES, THREE (3) SQUID SURGE ARESSTOR, FIFTEEN (15) REMOTE RADIO HEADS

MANAGEMENT

AND

OPMENT

EVEL

NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT

North Haven, CT 06473

Email: droberts - architect@outlook.com



Kev Plan

REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 202
2	Revision 2	MAR. 15, 202

Drawing By: Drawing Date: Reviewed By: Niddrie Rowe 2021.20 Project No:

TITLE SHEET

T - 001

- 2 PRIOR TO THE SUBMISSION OF BIDS. THE BIDDING SUBCONTRACTOR SHALL VISIT THE SITE TO FORMULARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DOCUMENTS
- 3 ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDNANCES. SUBCONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS AND PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK.
- 4 ALL WORK SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL, STATE AND FEDERAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE
- 5 DRAWINGS PROVIDED HERE ARE NOT RO BE SCALED
- 6 UNLESS OTHERWISE NOTED, THE WORK SHALL INCLUDE ALL FINISHED MATERIALS, EQUIPMENT, APPURTENANCES AND ALL LABOR NEEDED TO COMPLETE THE INSTALLATIONS AS SHOWN ON THE
- 7 THE SUB CONTRACTOR SHALL INSTALL ALL FOLIEMENT AND MATERIALS IN APPROVAL EITHER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS UNLESS OTHERWISE
- 8 IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL PROPOSE AND ALTERNATIVE INSTALLED FOR APPROVAL BY THE CONTRACTOR
- 9 SUBCONTRACTOR SHALL DETERMINE THE ACTUAL ROUTING OF ALL CONDUITS, TOWER, FIBER, AND GROUNDING CABLE AS SHOWN ON THE POWER, GROUNDING AND TELCO DRAWINGS.
- 10 THE SUB CONTRACTOR SHALL PROTECT EXISTING SITE IMPROVEMENTS, PAYMENTS, CURB, LANDSCAPING AND STRUCTURES. ANY DAMAGE PORTIONS SHALL BE REPAIRED AT THE SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER
- 11 THE SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATURES FOR THE SITE.
- 12 THE SUB CONTRACTOR SHALL LEAVE THE PREMISES IN A CLEANED CONDITION AND RETURN DISTURBED AREAS TO THERE ORIGINAL
- 13 THE SUBCONTRACTOR SHALL SUPERVISED AND THE PROJECT SCOPE AS DESCRIBED WITHIN THESE DOCUMENTS
- 14 THE SUB CONTRACTOR SHALL COMELY WITH ALL REQUIREMENT OF ARX WIRELESS STANDARDS, SPECIFICATIONS AND ENVIRONMENTAL
- 15 THE SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING AND ALL WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE SUBCONTRACTOR. THE SUB CONTRACTOR SHALL NOTIFY THE CONTRACTOR AND A&E OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH THE CONSTRUCTION.
- 16 IN THE CASE OF A COLLOCATION OR TOWER SWAP PLEASE NOTE THAT THE EQUIPMENT ON SITE MAY BE IN OPERATION AND ANY WORK ON OR NEAR THIS EQUIPMENT MUST BE COORDINATIVE WITH
- 17 IF ANY RADIO EQUIPMENT IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF FLECTROMECHANICAL RADIATION. THIS FOLIPMENT SHOULD BE SHUT DOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE ANY WORKERS TO DANGER. PERSONNEL RF MONITORS ARE RO BE WORN TO ALERT ONE OF ANY DANGEROUS EXPOSURE LEVELS IF

SITE WORK GENERAL NOTES

- THE SUBCONTRACTOR SHALL CONTRACT WITH A UTILITY LOCATION SERVICE AND HAVE ANY UTILITY'S MARKED THAT ARE NOT LOCATED BY CBYD PRIOR TO THE START OF CONSTRUCTION
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC AND ANY OTHER UTILITY'S WHERE ENCOUNTERED DURING CONSTRUCTION SHALL BE PROTECTED AT ALL TIMES AND WHERE REQUIRED FOR THE PROPOSED EXECUTION OF THE WORK, SHALL BE RELOCATION AS DIRECTED BY THE A&E EXTREME CAUTION SHALL BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING NEAR UTILITY'S AND ANY SITE IMPROVEMENTS. THE SUBCONTRACTOR SHALL PROVIDED SAFETY TRAINING FOR ALL STAFF, THIS TRAINING WILL INCLUDE BUT IS NOT LIMITED TO FALL PROTECTION CONFINED SPACE, ELECTRICAL SAFETY, AND TRENCHING AND EXCAVATION
- 3 ALL SITE WORK IS SHOWN AND INDICATED ON THE CONTRACT DRAWINGS AND SPECIFICATIONS
- 4 ALL RUBBISH STUMPS, STONE, ORGANIC MATERIALS NOT BEING REUSED ON SITE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY
- 5 THE SITE SHALL BE GRADED TO PREVENT SURFACE WATER FROM PONDING WITHIN THE COMPOUND AND EQUIPMENT
- 6 NO MATERIAL SHALL BE PLACED ON FROZEN MATERIALS NOR SNOW OR ICE
- 7 THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH JNIFORM GRADE PRIOR TO THE INSTALLATION OF THE FINISHED SURFACE
- ALL ABANDON OR INACTIVE SEWER, WATER, GAS, ELECTRIC AND MISCELLANEOUS 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 PROPOSED WORK, SUBJECT TO THE APPROVALS OR THE A&E, OWNER/LAND LORD AND/OR LOCAL UTILITIES
- THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE PROPOSED WORK IMPACTED BY THE PROPOSED TOWER, EQUIPMENT OR ACCESS ROAD AND TURNAROUND, SHALL BE GRADED TO A UNIFORM SLOPE AND STABILIZED TO PREVENT EROSION AS SPECIFIED IN THE PROJECT DOCUMENTS
- 10 THE SUBCONTRACTOR SHALL MINIMIZE THERE DISTURBANCE TO THE SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMATIONS WITH THE GUYED LINES FOR SEDIMENTATION AND EROSION CONTROL
- 11 THE SUBCONTRACTOR SHALL COMPLY WITH WORK HOURS OF 8:00 AM TO 5:00 PM UNLESS OTHERWISE NOTED.
- 12 THE SUB CONTRACTOR SHALL PROVIDE AND INSTALL SITE SIGNAGE IN ACCORDANCE WITH THE ARX WIRELESS SPECIFICATIONS FOR SIGNAGE

STRUCTURAL NOTES

- DESIGN REQUIREMENTS ARE PER STATE OF CONNECTICUT BUILDING CODE AND APPLICABLE SUPPLEMENTS, INTERNATIONAL BUILDING CODE (IBC 2015), ASCE 7-05, EIA/TIA-222-H STRUCTURAL STANDARDS FOR STEEL ANTENNA, TOWERS AND ANTENNA SUPPORTING STRUCTURES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD
- DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (Fy=50 ksi), ISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED
- STEEL PIPE SHALL CONFORM TO ASTM A500 "COLD-FORMED WELDED 8 SEAMLESS CARBON STEEL STRUCTURAL TUBING", GRADE B, OR ASTM A53 PIPE STEEL BLACK AND HOT-DIPPED ZINC-COATED WELDED AND SEAMLESS TYPE E OR S, GRADE B. PIPE SIZES INDICATED ARE NOMINAL. ACTUAL OUTSIDE DIAMETER IS LARGER
- STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS (BEARING TYPE) AND CONFORM TO ASTM A325 TYPE-X "HIGH STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUITABLE NUTS AND PLAIN HARDENED WASHERS". ALL BOLTS SHALL BE 3/4" DIA
- ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED)
 COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE
- ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
- FIELD WELDS, DRILL HOLES, SAW CUTS AND ALL DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED WITH AN ORGANIC ZINC REPAIR PAINT COMPLYING WITH REQUIREMENTS OF ASTM A780.

 GALVANIZING REPAIR PAINT SHALL HAVE 65 PERCENT ZINC BY
 WEIGHT, ZIRP BY DUNCAN GALVANIZING, GALVA BRIGHT PREMIUM BY CROWN OR EQUAL. THICKNESS OF APPLIED GALVANIZING REPAIR PAINT SHALL BE NOT NOT LESS THAN 4 COATS (ALLOW TIME TO DRY BETWEEN COATS) WITH A RESULTING COATING THICKNESS REQUIRED BY ASTM A123 OR A153 AS APPLICABLE.
- 10 CONTRACTOR SHALL COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS, AND FOR METHODS USED IN CORRECTING WELDING, ALL WELDERS AND WELDING PROCESSES SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES". ALL WELDING SHALL BE DONE USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC AND DI.I WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION"
- 11 INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISFITTING OR NON-CONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE CONSTRUCTION MANAGER PRIOR TO REMEDIAL OR CORRECTIVE ACTION, ANY SUCH ACTION SHALL REQUIRE CONSTRUCTION MANAGER APPROVAL
- 12 UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUFACTURED BY UNISTRUT CORP., WAYNE, MI OR EQUAL, STRUT MEMBERS SHALL BE 1 5/8"x1 5/8"x12GA, UNLESS OTHERWISE NOTED AND SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION
- 3 FPOXY ANCHOR ASSEMBLY SHALL CONSIST OF STAINLESS STEEL ANCHOR ROD WITH NUTS & WASHERS. AN INTERNALLY THREADED INSERT, A SCREEN TUBE AND A EPOXY ADHESIVE. THE ANCHORING SYSTEM SHALL BE THE HILTI-HIT HY-20 AND OR HY-150 SYSTEMS (AS SPECIFIED IN DWG.) OR ENGINEERS APPROVED EQUAL.
- 14 EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FF-S-325, GROUP II, TYPE 4, CLASS I, HILTI KWIK BOLT III OR APPROVED EQUAL. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- 15 LUMBER SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND THE NATIONAL FOREST PRODUCTS ASSOCIATION'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION. ALL LUMBER SHALL BE PRESSURE TREATED AND SHALL BE STRUCTURAL GRADE NO. 2 OR BETTER.
- 16 WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALI CONTACT AND COORDINATE RELATED WORK WITH THE BUILDING OWNER AND THE EXISTING ROOF INSTALLER. WORK SHALL BE PERFORMED IN SUCH A MANNER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATERTIGHT.
- 17 ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY STRONGWELL COMPANY OF BRISTOL, VA 24203. ALL DESIGN CRITERIA FOR THESE MEMBERS IS BASED ON INFORMATION PROVIDED IN THE DESIGN MANUAL. ALL REQUIREMENTS PUBLISHED IN SAID MANUAL MUST BE STRICTLY ADHERED TO.
- 18 NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17):

- GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PERFORM INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.
- THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGINEERS OF RECORD INVOLVED IN THE DESIGN OF THE PROJECT ARE PERMITTED TO ACT AS THE APPROVED AGENCY AND THEIR PERSONNEL ARE PERMITTED TO ACT AS THE SPECIAL INSPECTOR FOR THE WORK DESIGNED BY THEM, PROVIDED THOSE PERSONNEL MEET THE QUALIFICATION REQUIREMENTS.
- STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS PREPARED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE IN ACCORDANCE WITH SECTION 107.1 AS A CONDITION FOR ISSUANCE. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 1705.
- REPORT REQUIREMENT: SPECIAL INSPECTORS SHALL KEEP RECORDS OF INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS

SPECIAL INSPECTION CHECK LIST

PRE CONSTRUCTION ACTIVATES

FRE CONSTRUCTION ACTIVATES		
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD) REPORT ITEM		
REQUIRED	ENGINEER OF RECORD APPROVED SHOP DRAWINGS	
REQUIRED	MATERIAL CERTIFICATION REPORTS	
REQUIRED	PACKING SLIPS	
REQUIRED	BORROWED FILL CERTIFICATION	
REQUIRED	CONCRETE MIX DESIGN	

DURING CONSTRUCTION ACTIVATES

REPORT ITEM

ENGINEER OF RECORD)	
REQUIRED	SUB BASE INSPECTIONS
REQUIRED	BASE INSPECTIONS
REQUIRED	FORMWORK INSPECTION

CONSTRUCTION/INSTALLATION

=	
REQUIRED	BASE INSPECTIONS
REQUIRED	FORMWORK INSPECTIONS
REQUIRED	REINFORCEMENT STEEL INSPECTIONS
REQUIRED	ANCHOR BOLT INSPECTIONS
REQUIRED	CONCRETE SLUMP AND AIR ENTRAINMENT INSPECTIONS
REQUIRED	CONCRETE COMPRESSIVE TESTING
REQUIRED	CONCRETE PROTECTION
REQUIRED	BACK FILL COMPACTION TESTING

DOST CONSTRUCTION

POST CONSTRUCTION		
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	
REQUIRED	CONCRETE COMPRESSIVE TESTS REPOTS	
REQUIRED	BACK FILL COMPACTION TEST REPORTS	
REQUIRED	AS BUILT DRAWINGS	
REQUIRED	PHOTOS OF ALL CONSTRUCTION ACTIVATES	



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NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT

North Haven, CT 06473

Tel: 203.234.6368

Email: droberts - architect@outlook.com



Kev Plan

REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2022
2	Revision 2	MAR. 15, 2022
	TOVISION 2	WHIT. 13, 2021
Drawing By:	Zachary J. Robe	erts
Drawing Date:	FEB. 17, 2022	

Drawing Date: Niddrie Rowe Reviewed By: Project No: 2021.20

GENERAL NOTES

GN - 001

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT 110 Washington Avenue Fourth Floor North Haven, CT 06473

Tel: 203.234.6368 Email: droberts - architect@outlook.com



Key Plan

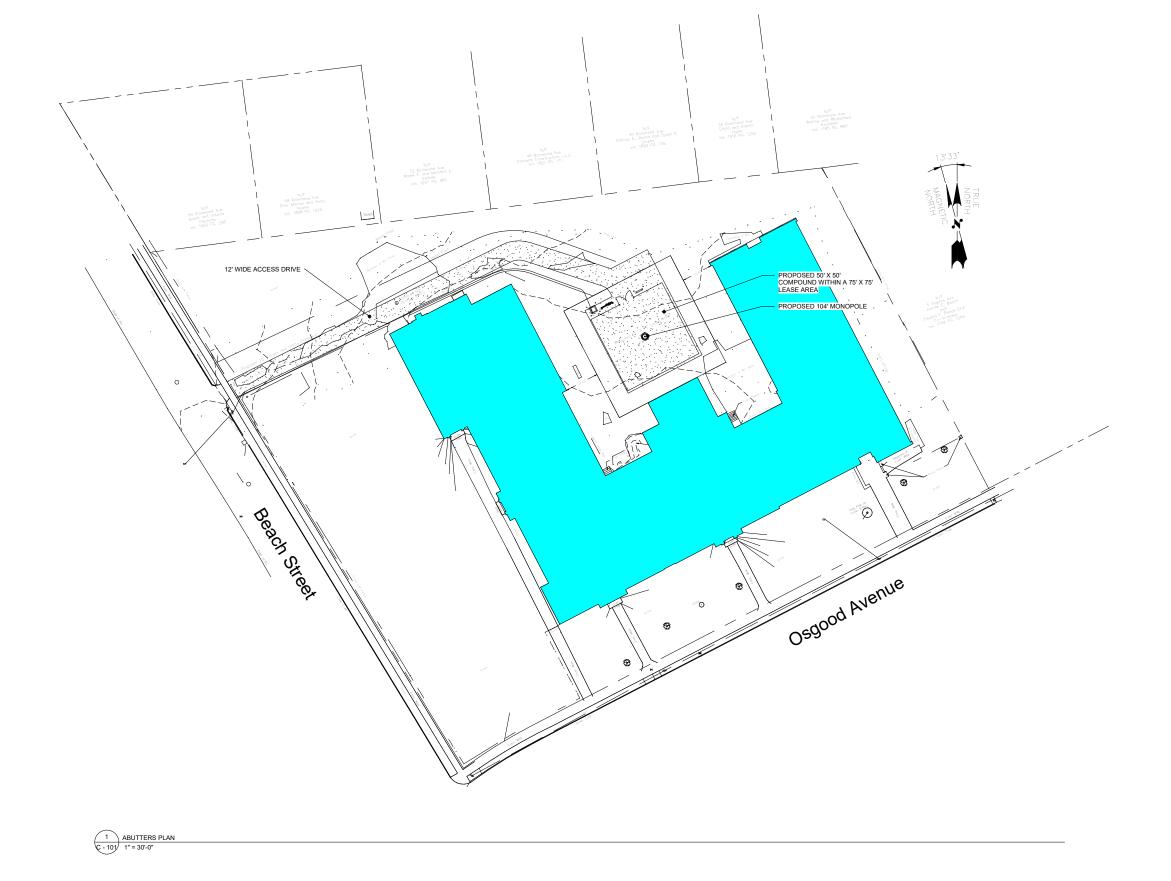
REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2022
2	Revision 2	MAR. 15, 2022

Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022
Reviewed By: Niddrie Rowe
Project No: 2021.20 Niddrie Rowe 2021.20 1" = 30'-0"

Sheet Title:

ABUTTERS PLAN





DOUGLAS J. ROBERTS - ARCHITECT



REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2022
2	Revision 2	MAR. 15, 2022

Zachary J. Roberts FEB. 17, 2022 Niddrie Rowe

NEW BRITAIN

ARX WIRELESS

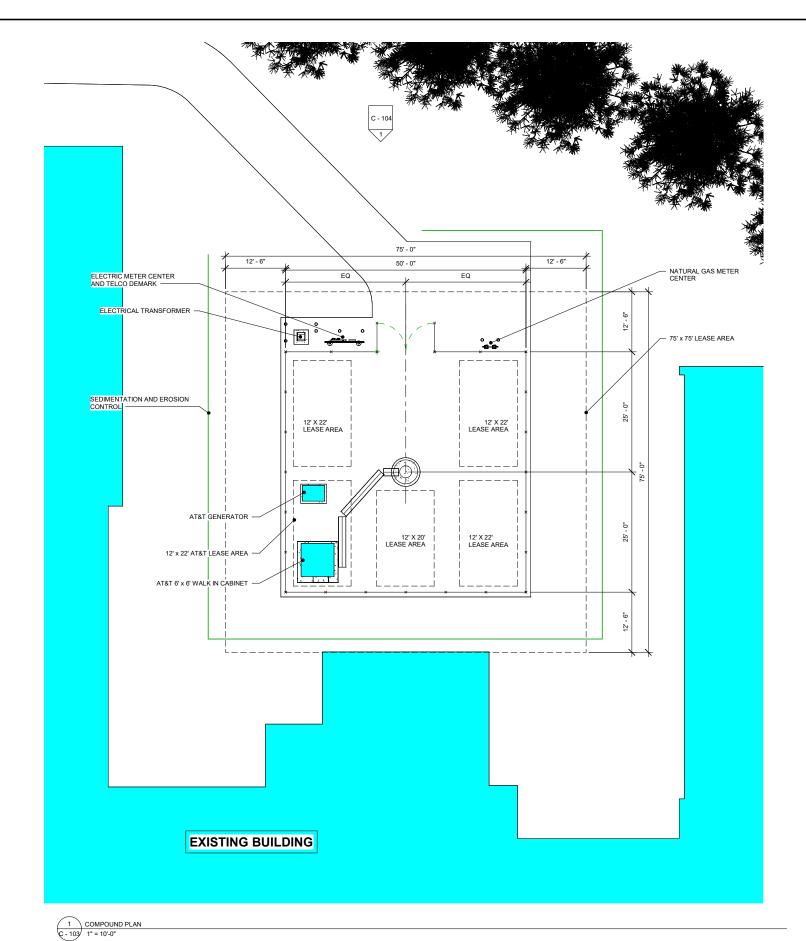
Prepared For:

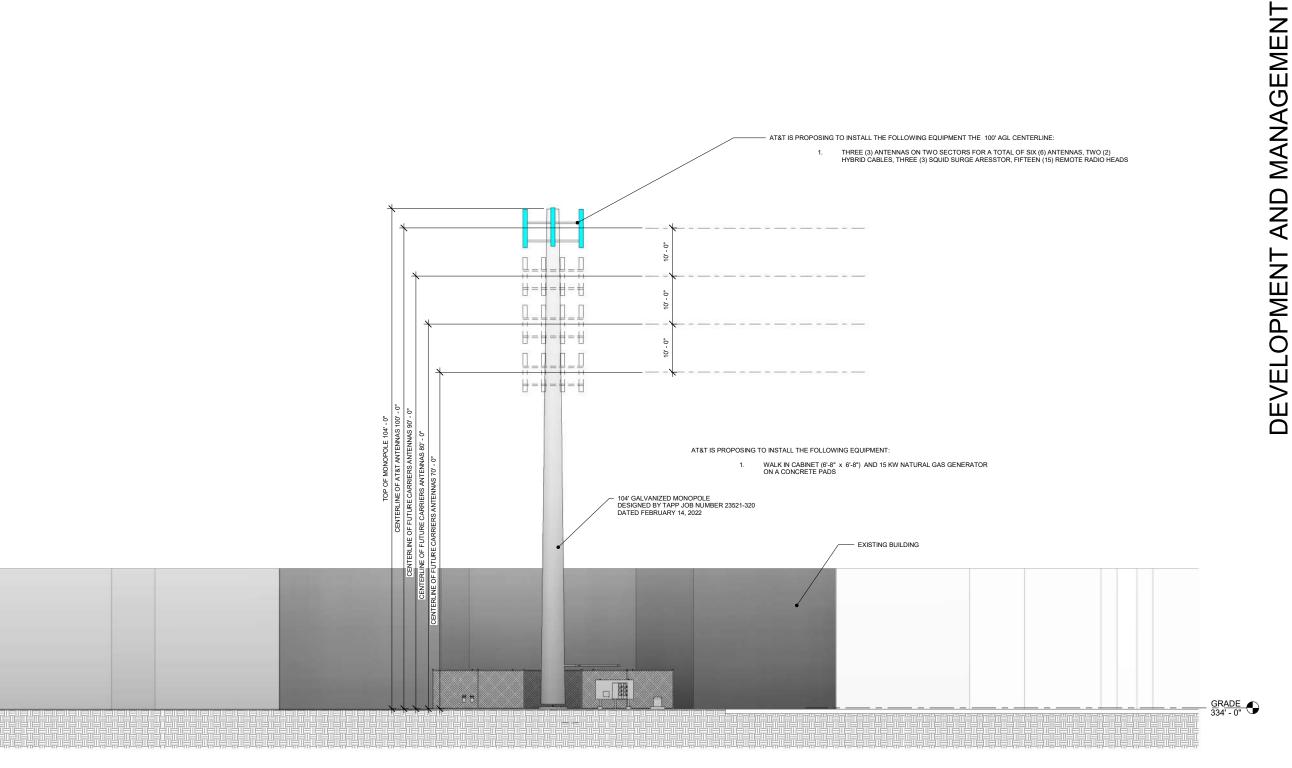
Key Plan

Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022 Reviewed By: Project No: Niddrie Rowe 2021.20 1" = 10'-0"

Sheet Title:

COMPOUND PLAN









NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT

110 Washington Avenue Fourth Floor North Haven, CT 06473

Tel: 203.234.6368 Email: droberts - architect@outlook.com



Key Plan

REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2
2	Revision 2	MAR. 15, 2

Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022 Reviewed By: Project No: Niddrie Rowe 2021.20 1" = 10'-0"

Sheet Title:

NORTH ELEVATION



Proje

NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT

Fourth Floor North Haven, CT 06473

Tel: 203.234.6368 Email: droberts - architect@outlook.com



Key Plan

Do not scale dimensions from drawings Site verify all dimensions prior to construction Report all discrepancies to Architect immediately This drawing is to be read in conjunction with all relev

REVISION SCHEDULE

REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2022
2	Revision 2	MAR. 15, 2022

Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022
Reviewed By: Niddrie Rowe
Project No: 2021.20
Scale: As indicated

Sheet Title:

SITE DETAILS

Original drawing is ANSI - D. Do not scale contents of this draw

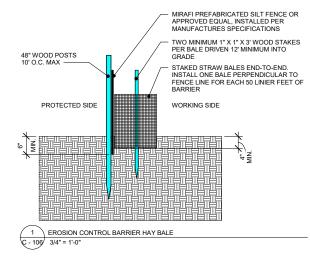
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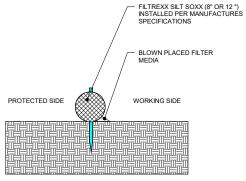
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EROSION CONTROL MEASURE NOTES

- 1 DISTURBED AREAS SHALL BE KEPT TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE ROADWAYS AND ASSOCIATED DRAINAGE EACH ITIES
- 2 HAY BALE BARRIERS AND SEDIMENT TRAPS SHALL BE INSTALLED AS REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
- B BALED HAY AND MULCH SHALL BE MOWING'S OF ACCEPTABLE HERBACEOUS GROWTH, FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
- 4 FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
- 5 STOCKPILED MATERIALS SHALL BE PLACED ONLY IN AREAS SHOWN ON THE PLANS. STOCKPILES SHALL BE PROTECTED BY SILTATION FENCE AND SEEDED TO PREVENT EROSION. THESE MEASURES SHALL REMAIN UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE.
- ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED. A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN ONE POUND OF SEED PER 50 SQUARE YARDS OF AREAS.
- 7 APPLICATION OF GRASS SEED, FERTILIZERS AND MULCH SHALL BE ACCOMPLISHED BY BROADCAST SEEDING OR HYDROSEEDING AT THE RATES OUTLINED:
- 8 AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED.
- 9 PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 10 ALL CATCH BASIN INLETS WILL BE PROTECTED WITH LOW POINT SEDIMENTATION BARRIER.
- 11 ALL STORM DRAINAGE OUTLETS WILL BE STABILIZE AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- 12 ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA.
- 13 NO DISCHARGE SHALL BE DIRECTED TOWARDS ANY PROPOSED DITCHES, SWALES, OR PONDS UNTIL THEY HAVE BEEN PROPERLY STABILIZED.





2 EROSION (C - 106 3/4" = 1'-0"

EROSION CONTROL BARRIER SILT SOXX

SILT SOXX NOTES

- 1 USE SILT SOXX WHERE CONDITIONS DO NOT ALLOW STAKES TO BE DRIVEN.
- 2 STRAW BALES TO BE TIED WITH BIODEGRADABLE TWINE
- 3 SILT SOXX FILL TO MEET FILTER SPECIFICATIONS AND APPLICATION REQUIREMENTS
- 4 SILT SOXX COMPOSE MATERIAL TO BE DISPERSED ON SITE OR AS DETERMINED BY THE ARCHITECT

GENERAL CONSTRUCTION SEQUENCE

THIS IS A GENERAL CONSTRUCTION SEQUENCE OUTLINING SOME ITEMS OF WHICH MAY NOT APPLY TO THIS SITE

- 1 CLEAR AND GRUB AREAS OF PROPOSED CONSTRUCTION
- 2 INSTALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES
- REMOVE AND STOCKPILE TOPSOIL TO LOCATION AS SHOWN ON THE DRAWINGS. STOCKPILE SHALL BE SEEDED TO PREVENT EROSION
- 4 CONSTRUCT CLOSED DRAINAGE SYSTEM. PROTECT CULVERT INLETS AND CATCH BASINS WITH SEDIMENTATION BARRIERS

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EVEL

NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

ARX WIRELESS

110 Washington Avenue Fourth Floor North Haven, CT 06473

Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT

Fourth Floor North Haven, CT 06473

Tel: 203.234.6368 Email: droberts - architect@outlook.com



Key Plan

Do not scale dimensions from drawings Site verify all dimensions prior to construction Report all discrepancies to Architect immediately This drawing is to be read in conjunction with all rele

REVISION SCHEDULE DESCRIPTION

1	Revision 1	FEB. 18, 2022
2	Revision 2	MAR. 15, 2022

Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022
Reviewed By: Niddrie Rowe
Project No: 2021.20
Scale: As indicated

Sheet Title:

EROSION CONTROL NOTES AND DETAILS

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Revision:

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Project:

NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

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Key Plan

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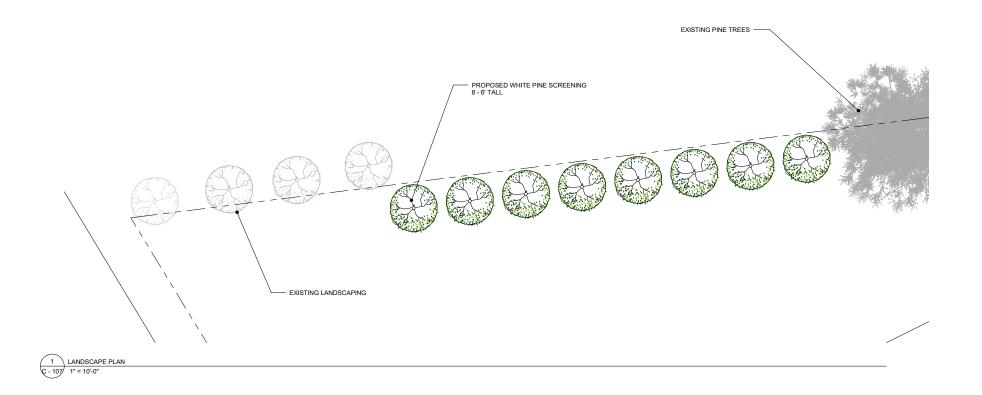
REVISION	DESCRIPTION	DATE
1	Revision 1	FEB. 18, 2022
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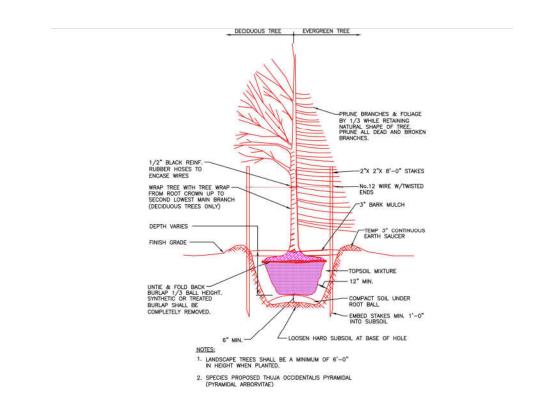
Drawing By: Zachary J. Roberts
Drawing Date: FEB. 17, 2022 Reviewed By: Project No: Niddrie Rowe 2021.20 1" = 10'-0"

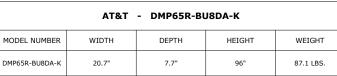
Sheet Title:

LANDSCAPE PLAN

Revision:









AT&T - TPA65R-BU8DA-K				
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
TPA65R-BU8DA-K	20.7"	7.7"	96"	119 LBS.



	AT&T - SC	QUID DC9-48-6	50-24-8C-EV	
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
SQUID DC9-48-60-24-8C- EV	10.24"	24"	33"	33 LBS.



AT&T - SQUID DC6-48-4860-0-8F

DEPTH

24"

HEIGHT

33"

WEIGHT

33 LBS.

MODEL NUMBER

WIDTH

AT&T GENERATOR SPECIFICATIONS				
MODEL NUMBER	LENGTH	WIDTH	HEIGHT	WEIGHT
20 kW 48Vdc V020G360TE004	50"	32"	72"	1,024 LBS.



AT&T WALK-IN-CABINET SPECIFICATIONS			•	
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
XTE 801 SERIES CABINET	79.2"	79.2"	114"	7,500 LBS.



AT&T - RRU 4449 B5/B12				
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
RRU 4449 B5/B12	13.19"	9.44"	17.9"	72 LBS.



	AT&T - RRU 8843 B2/B66A			
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
RRU 8843 B2/B66A	13.2"	10.9"	14.9"	72 LBS.



AT&T - RRU 4478 B14				
MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT
RRU 4478 B14	13.2"	7.3"	15"	59.4 LBS.



NEW BRITAIN

43 OSGOOD AVENUE NEW BRITAIN, CT 06053

Prepared For:

DEVELOPMENT AND MANAGEMENT

ARX WIRELESS

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Project No: 2021.20

DOUGLAS J. ROBERTS - ARCHITECT 110 Washington Avenue Fourth Floor North Haven, CT 06473

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Key Plan

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Drawing By: Zachary J. Roberts
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Sheet Title:

AT&T EQUIPMENT AND DETAILS