

IN RE:

NEW CINGULAR WIRELESS PCS, LLC (AT&T)
PETITION FOR A DECLARATORY RULING,
PURSUANT TO CONNECTICUT GENERAL
STATUTES §4-176 AND §16-50K, FOR THE
PROPOSED MODIFICATIONS TO AN EXISTING
WIRELESS TELECOMMUNICATIONS FACILITY
AT THE SIMSBURY VOLUNTEER FIRE
DEPARTMENT LOCATED AT 345 BUSHY HILL
ROAD, SIMSBURY, CONNECTICUT.

PETITION NO. 1373

July 22, 2019

AT&T's RESPONSES TO SITING COUNCIL INTERROGATORIES
SET ONE

Q1. What is the estimated cost of the proposed installation?

A1. *The estimated total cost of the tower modification and extension is approximately \$155,000. This is a capital cost improvement to AT&T's network.*

Q2. Site Plan Z-1 indicates the nearest residence to the compound retaining wall but the referenced "residence" appears to be a fire department building. What is the distance from the proposed retaining wall to the nearest residential property line?

A2. *The nearest residential property line is approximately 60 feet from the proposed compound retaining wall. Please refer to Sheet Z-1 of the enclosed Site Drawings prepared by Maser Consulting Connecticut, dated April 9, 2019 and last revised July 22, 2019 ("Revised Site Drawings"). The nearest residential property is located at 9 Oakhurst Road (Tax Lot # C16-301-008).*

The revisions to the Site Drawings referenced above were updated to reflect the following revisions:

- *Sheet Z-1: Revised distance to nearest residential property line and added shaded area for proposed access drive;*
- *Sheet Z-2: Include proposed area of access drive, added notes about total fill needed and proposed tree removal; and*
- *Sheet Z-6: Proposed chain link fence detail added.*

Q3. Provide detail for the proposed access drive. What is the maximum height of the access drive retaining wall? Are any pedestrian/vehicle safety rails or barriers proposed at the top of the wall?

A3. *Please refer to Sheet Z-2 of the attached Revised Site Drawings for details of the proposed access drive. The 60-foot long access drive will be located to the southwest of the compound and will measure approximately 14 feet wide.*

The maximum height of the access drive retaining wall will be 9.7 feet. While the retaining wall will be a total of 11.7 feet high, only 9.7 feet will be exposed. A 6-foot chain link fence

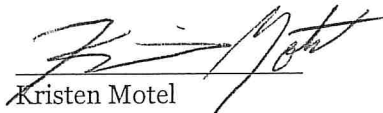
will be installed around the proposed equipment compound and along the top of the wall. No additional barriers or safety rails are proposed. Please refer to Sheets Z-2, Z-4, Z-5 and Z-6 of the enclosed Site Drawings for details of the proposed retaining wall and chain link fence.

- Q4. Estimate the amount fill that would be required to develop the access road/compound area.
- A4. *Approximately 200 cubic yards of fill will be required to develop the access road and compound area. Please refer to Sheet Z-4 of the enclosed Revised Site Drawings.*
- Q5. Estimate the number trees that would be removed to develop the access road/compound area.
- A5. *To develop the access road and compound area, approximately 12 trees with a trunk diameter of greater than or equal to 6 inches will be removed.*
- Q6. What is the height of the proposed chain link fence?
- A6. *The height of the proposed chain link fence surrounding the compound will be approximately 6 feet high and will mirror the height of the fence surrounding the existing compound. Please refer to Sheets Z-2 and Z-6 of the attached Site Drawings for details of the proposed chain link fence.*
- Q7. What is the run time of the emergency generator, assuming normal network operations, before refueling is required?
- A7. *The run time of the emergency generator before refueling is required is approximately 70 hours, assuming normal network operations.*
- Q8. Is the work area within a Department of Energy and Environmental Protection mapped Natural Diversity Database area?
- A8. *No, the work area is not within a CT Department of Energy and Environmental Protection ("CT DEEP") mapped Natural Diversity Database area. Please refer to the enclosed CT DEEP Natural Diversity Database Areas map, dated December 2013, with the site location identified. A more recent search using the currently available December 2018 CT DEEP Natural Diversity Database Areas map demonstrates that there have been no changes to the natural diversity areas near the approximate site location. See the enclosed December 2018 CT DEEP Natural Diversity Database Areas map.*

CERTIFICATE OF SERVICE

I hereby certify that on this day, an original and fifteen (15) copies of the foregoing was sent electronically and delivered to the Connecticut Siting Council via overnight mail.

Dated: July 22, 2019


Kristen Motel

cc: AT&T
Town of Simsbury

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Natural Diversity Data Base Areas

SIMSBURY, CT

December 2013

 State and Federal Listed Species
& Significant Natural Communities

 Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas. If the project is within a shaded area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

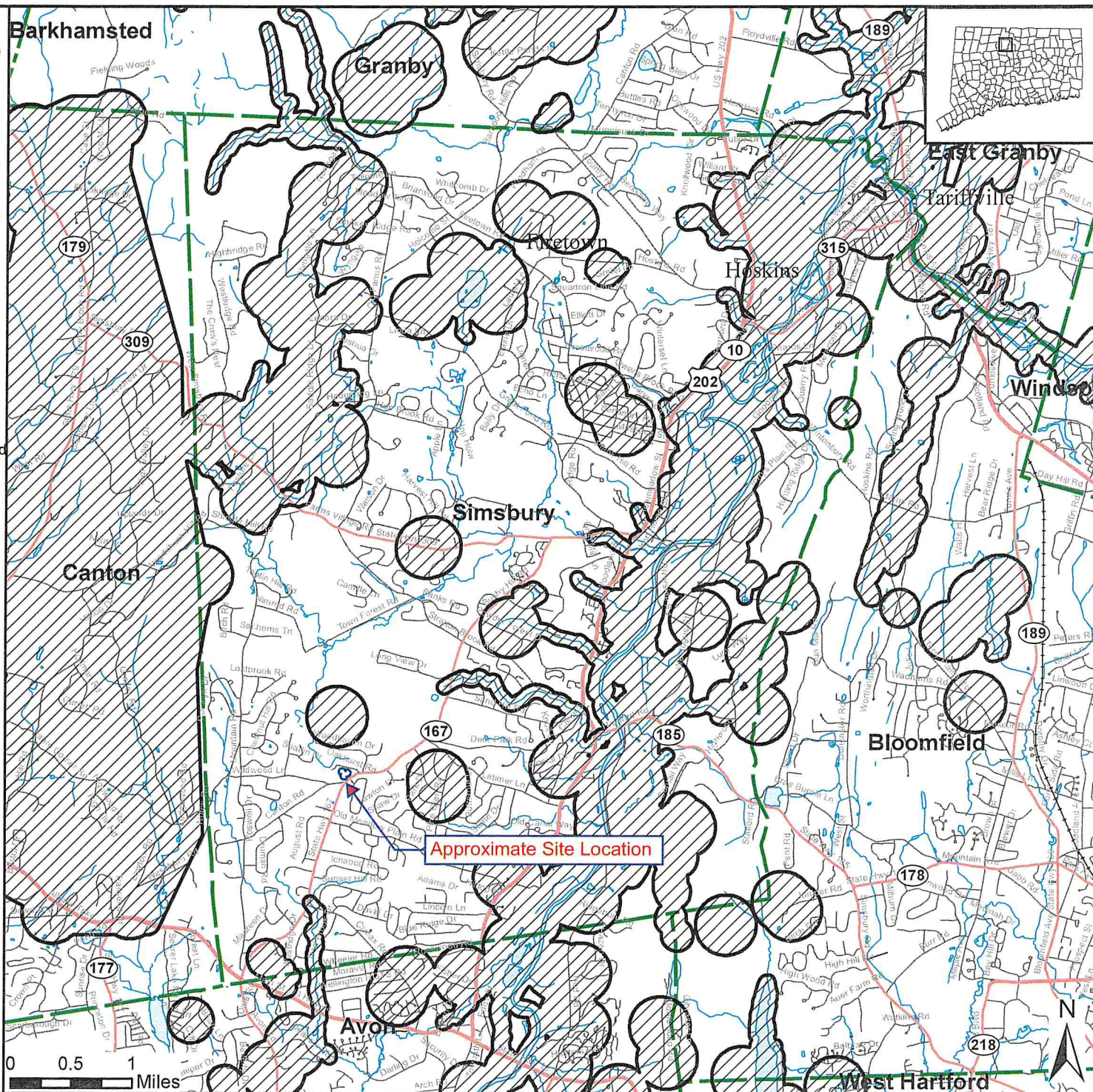
www.ct.gov/deep/nddbrequest

This file has PDF Layers. Look for the Layers tab on the left. Expand the layers and use the "eye" icons to change visibility.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011





Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



Natural Diversity Data Base Areas

SIMSBURY, CT

December 2018

-  State and Federal Listed Species & Significant Natural Communities
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Significant Natural Communities. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a number of data sources. Exact locations of species have been buffered to produce the general locations. Exact locations of species and communities occur somewhere in the shaded areas, not necessarily in the center. A new mapping format is being employed that more accurately models important riparian and aquatic areas and eliminates the need for the upstream/downstream searches required in previous versions.

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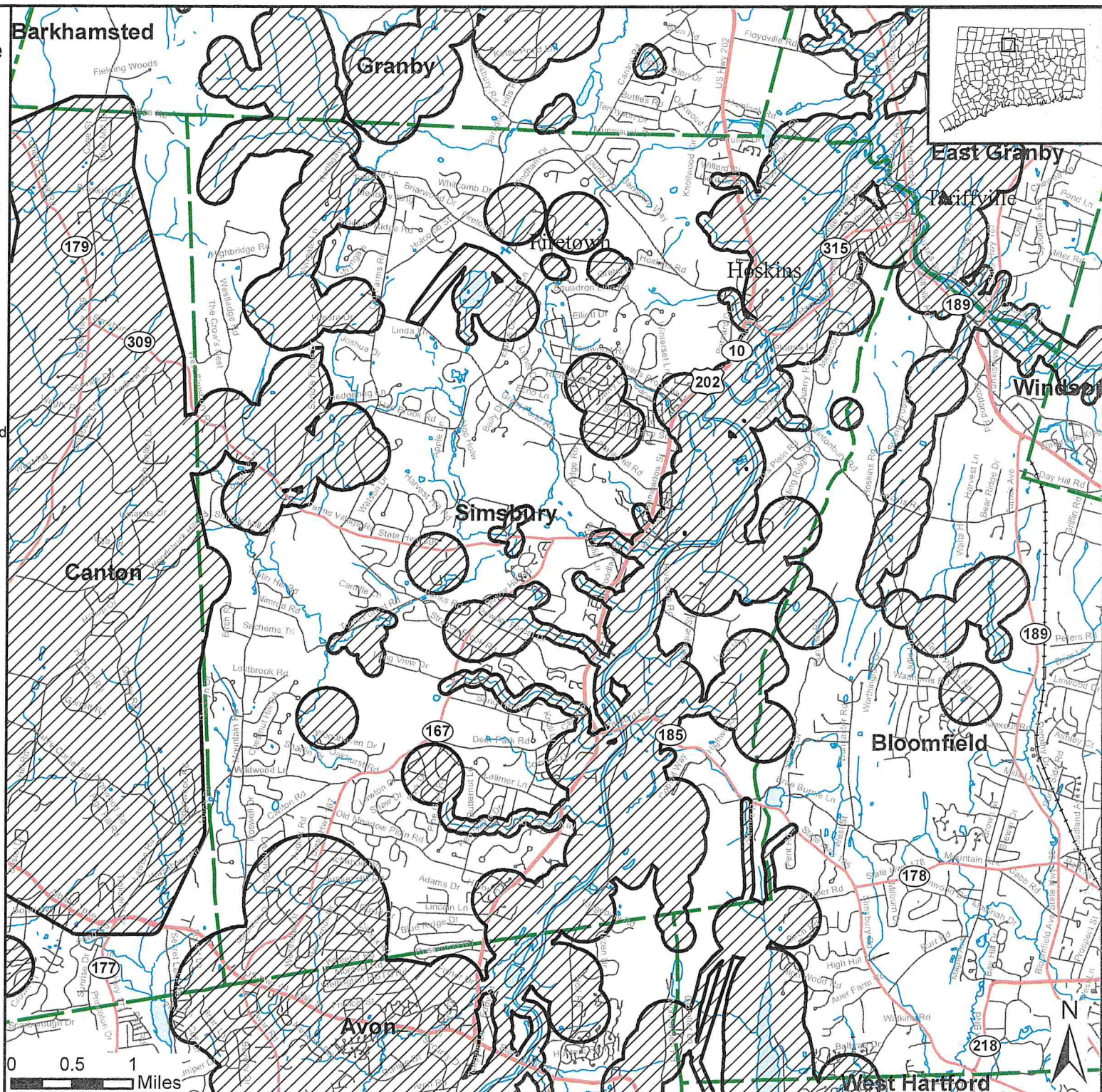
www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St., Hartford CT 06106
Phone (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



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PROJECT NOTES

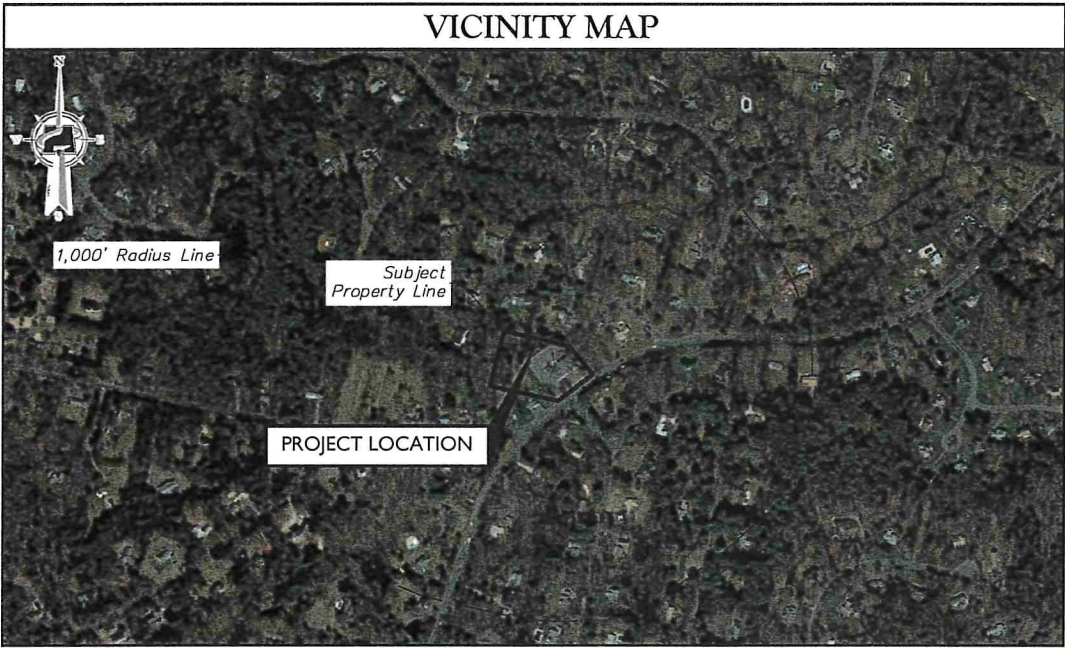
1. SITE INFORMATION OBTAINED FROM THE FOLLOWING:
- A. LIMITED FIELD OBSERVATION BY MASER CONSULTING ON 10/05/18.
- B. TOWN OF SIMSBURY, CONNECTICUT GIS MAP, URL: [HTTP://SIMSBURY.MAPXPRESS.NET/AGS_MAP](http://SIMSBURY.MAPXPRESS.NET/AGS_MAP).
- C. PLAN ENTITLED "SIMSBURY" COMPLETED BY EBI CONSULTING OF BURLINGTON, MA, LAST REVISED 11/04/14.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, LAWS AND REGULATIONS OF ALL MUNICIPALITIES, UTILITY COMPANIES OR OTHER PUBLIC/GOVERNING AUTHORITIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS THAT MAY BE REQUIRED BY ANY FEDERAL, STATE, COUNTY OR MUNICIPAL AUTHORITIES.
4. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER, IN WRITING, OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF BIDS OR PERFORMANCE OF WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING SITE IMPROVEMENTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE AS A RESULT OF CONSTRUCTION OF THIS FACILITY AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
6. THE SCOPE OF WORK FOR THIS PROJECT SHALL INCLUDE PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THIS PROJECT. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMITTING THE BID TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND CONSTRUCTION DRAWINGS.
8. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS MUST BE VERIFIED. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
9. SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE REQUIRED TO BE WORN TO ALERT OF ANY POTENTIALLY DANGEROUS EXPOSURE LEVELS.
10. THE PROPOSED FACILITY WILL CAUSE AN INSIGNIFICANT OR "DE-MINIMUS" INCREASE IN STORM WATER RUNOFF, THEREFORE, NO DRAINAGE STRUCTURES ARE PROPOSED.
11. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS FACILITY AS TO CAUSE A NUISANCE.
12. THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION (NO HANDICAP ACCESS IS REQUIRED).
13. THE FACILITY DOES NOT REQUIRE POTABLE WATER OR SANITARY SERVICE.
14. CONTRACTOR SHALL VERIFY ANTENNA ELEVATION AND AZIMUTHS WITH RF ENGINEERING PRIOR TO INSTALLATION.
15. THE TOWER, MOUNTS AND ANTENNAS SHALL BE DESIGNED TO MEET EIA/TIA-222-H AS PER IBC REQUIREMENTS.
16. ALL STRUCTURAL ELEMENTS SHALL BE HOT DIPPED GALVANIZED STEEL.
17. CONTRACTOR MUST FIELD LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.
18. CONSTRUCTION SHALL NOT COMMENCE UNTIL COMPLETION OF A PASSING STRUCTURAL ANALYSIS CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. THE STRUCTURAL ANALYSIS IS TO BE PERFORMED BY OTHERS.
19. CONTRACTOR SHALL CONTACT STATE SPECIFIC ONE CALL SYSTEM THREE WORKING DAYS PRIOR TO ANY EARTH MOVING ACTIVITIES.

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THIS DRAWING AND ALL THE INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED. THIS DRAWING MAY NOT BE COPIED, REUSED, DISCLOSED, DISTRIBUTED OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF MASER CONSULTING CONNECTICUT

NOTES:

1. THERE ARE 68 HOMES WITHIN A 1,000' RADIUS OF THE SUBJECT PROPERTY.
2. THERE ARE NO SCHOOLS OR CHILD DAY CARE CENTERS WITHIN A 1,000' RADIUS OF THE SUBJECT PROPERTY.
3. THE CLOSEST SCHOOL IS APPROXIMATELY 5,300'± TO THE SUBJECT PROPERTY.
3. THE CLOSEST CHILD DAY CARE CENTER IS APPROXIMATELY 11,500'± TO THE SUBJECT PROPERTY.



CODE COMPLIANCE

- ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING CODES.
1. 2018 CONNECTICUT STATE BUILDING CODE, INCORPORATING THE 2015 IBC
2. 2017 NATIONAL ELECTRICAL CODE - NFPA 70
3. 2017 NFPA 101
4. AMERICAN INSTITUTE OF STEEL CONSTRUCTION 360-10
5. AMERICAN CONCRETE INSTITUTE
6. TIA-222-G
7. TIA 607 FOR GROUNDING
8. INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS 81 IEEE C2 LATEST EDITION
9. TELCORDIA GR-1275
10. ANSI T1.311
11. PROPOSED USE: UNMANNED TELECOM FACILITY
12. HANDICAP REQUIREMENTS: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED.
13. CONSTRUCTION TYPE: IIB
14. USE GROUP: U



at&t

SITE NAME: SIMSBURY-BUSHY HILL RD.

FA NUMBER: 12906926

SITE NUMBER: CT2413S

1C - MRCTB032789

345 BUSHY HILL ROAD
SIMSBURY, CT 06070
HARTFORD COUNTY

ZONING DRAWINGS

PROJECT INFORMATION

SITE INFORMATION

LATITUDE: 41.841378° N
LONGITUDE: 72.850436° W
JURISDICTION: HARTFORD COUNTY

APPLICANT/LESSEE

COMPANY: NEW CINGULAR WIRELESS PCS, LLC
ADDRESS: 550 COCHITUATE ROAD
CITY, STATE, ZIP: FRAMINGHAM, MA 01701

STRUCTURE OWNER

COMPANY: SIMSBURY FIRE DISTRICT
ADDRESS: 871 HOPEMEADOW STREET
CITY, STATE, ZIP: SIMSBURY, CT 06070

CLIENT REPRESENTATIVE

COMPANY: SMARTLINK, LLC
ADDRESS: 85 RANGWAY ROAD, BUILDING 3, STE. 102
CITY, STATE, ZIP: NORTH BILLERICA, MA 01862
CONTACT: TODD OLIVER
E-MAIL: TODD.OLIVER@SMARTLINKLLC.COM

SITE ACQUISITION

COMPANY: SMARTLINK, LLC
ADDRESS: 85 RANGWAY ROAD, BUILDING 3, STE. 102
CITY, STATE, ZIP: NORTH BILLERICA, MA 01862
CONTACT: SHARON KEEFE
E-MAIL: SHARON.KEEFE@SMARTLINKLLC.COM

CONSTRUCTION MANAGER

COMPANY: SMARTLINK, LLC
ADDRESS: 85 RANGWAY ROAD, BUILDING 3, STE. 102
CITY, STATE, ZIP: NORTH BILLERICA, MA 01862
CONTACT: ROBERT PICARD
E-MAIL: ROBERT.PICARD@SMARTLINKLLC.COM

ENGINEER

COMPANY: MASER CONSULTING P.A.
ADDRESS: 331 NEWMAN SPRINGS ROAD, SUITE 203
CITY, STATE, ZIP: RED BANK, NJ 07701
CONTACT: ROBERT ANDREWS
PHONE: (856) 797-0412
E-MAIL: RANDREWS@MASERCONSULTING.COM

PROJECT DESCRIPTION/
SCOPE OF WORK

- INSTALL (15) NEW RRU'S, (5) PER SECTOR
- INSTALL (9) NEW PANEL ANTENNAS, (3) PER SECTOR
- INSTALL (3) NEW ANTENNA SECTOR FRAMES
- INSTALL (3) NEW DC-6 SURGE SUPPR. DOMES, (1) PER SECTOR
- INSTALL (2) NEW 18-PAIR FIBER TRUNKS
- INSTALL (6) NEW 6/C DC CABLES
- INSTALL (1) 10' MONOPOLE EXTENSION
- INSTALL (6) 12" STAND-OFF MOUNTS, (2) PER SECTOR
- MODIFY EXISTING MONOPOLE

PROPOSED PROJECT SCOPE BASED ON RFDS ID# 2592584, VERSION 7.00, LAST UPDATED 05/08/2019.

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Z-3	GRADING PLAN
Z-4	EQUIPMENT LAYOUT AND ELEVATION VIEW
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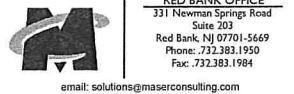


SCALE:	JOB NUMBER:
AS SHOWN	18946092A
3	07/23/19
2	06/21/19
1	06/05/19
0	04/09/19
REV	DATE
DESCRIPTION	DRAWN BY
CHECKED BY	

PETROS E. TSOUKALAS
CONNECTICUT PROFESSIONAL
ENGINEER - LICENSE NUMBER: 33377

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

SITE NAME:
SIMSBURY -
BUSHY HILL RD.
FA# 12906926
SITE# CT2413S
345 BUSHY HILL ROAD
SIMSBURY, CT 06070
HARTFORD COUNTY



SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

GENERAL NOTES:

1. THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM (AS DESIGNED AND INSTALLED) FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE AHJ), THE SITE-SPECIFIC (UL, LPI, OR NFPA) LIGHTING PROTECTION CODE, AND GENERAL COMPLIANCE WITH TELCORDIA AND TIA GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVERSE FINDINGS TO THE CONTRACTOR FOR RESOLUTION.
2. 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.
3. 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 50 HMS OR LESS.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. ALL EXTERIOR GROUND CONDUCTORS BETWEEN EQUIPMENT/GROUND BARS AND THE GROUND RING, SHALL BE #2 AWG SOLID TINNED COPPER UNLESS OTHERWISE INDICATED.
10. ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
11. 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.
12. EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
13. 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 CADWELD CONNECTIONS.
14. COMPRESSION GROUND CONNECTIONS MAY BE REPLACED BY EXOTHERMIC WELD CONNECTIONS.
15. ICE BRIDGE BONDING CONDUCTORS SHALL BE EXOTHERMICALLY BONDED TO THE TOWER GROUND BAR.
16. APPROVED ANTIOXIDANT COATINGS (I.E. CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
17. ALL EXTERIOR AND INTERIOR GROUND CONNECTIONS SHALL BE COATED WITH A CORROSION RESISTANT MATERIAL.
18. MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
19. BOND ALL METALLIC OBJECTS WITHIN 6 FT OF MAIN GROUND WIRES WITH 1-#2 AWG TIN-PLATED COPPER GROUND CONDUCTOR.
20. 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.
21. ALL NEW STRUCTURES WITH A FOUNDATION AND/OR FOOTING HAVING 20 FT. OR MORE OF 1/4" IN. OR GREATER ELECTRICALLY CONDUCTIVE REINFORCING STEEL MUST HAVE IT BONDED TO THE GROUND RING USING AN EXOTHERMIC WELD CONNECTION USING #2 AWG SOLID BARE TINNED COPPER GROUND WIRE, PER NEC 250.50.
22. FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:
- CONTRACTOR - SMARTLINK

SUBCONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)

OWNER - AT&T (NEW CINGULAR WIRELESS PCS, LLC)
23. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
24. DRAWINGS PROVIDED HERE ARE NOT TO BE SCALED AND ARE INTENDED TO SHOW OUTLINE ONLY.
25. 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.

26. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
27. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
28. THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
29. 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.
30. 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.
31. THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
32. 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 THE RESPONSIBLE ENGINEER. 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.
33. 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.
34. 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.
35. 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.
36. 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.
37. THE SUBGRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
38. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
39. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
40. THE SUBCONTRACTOR SHALL PROVIDE SITE SIGNAGE IN ACCORDANCE WITH THE TECHNICAL SPECIFICATION FOR SITE SIGNAGE.
41. SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
42. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR.
43. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
44. ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
45. ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL BE AIR-ENTRAINED AND SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS.
46. ALL STRUCTURAL STEEL WORK SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS. ALL STRUCTURAL STEEL SHALL BE ASTM A36 (Fy = 36 ksi) UNLESS OTHERWISE NOTED. PIPES SHALL BE ASTM A53 TYPE E (Fy = 36 ksi). ALL STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALVANIZED. TOUCHUP ALL SCRATCHES AND OTHER MARKS IN THE FIELD AFTER STEEL IS ERECTED USING A COMPATIBLE ZINC RICH PAINT.
47. CONSTRUCTION SHALL COMPLY WITH SPECIFICATIONS AND "GENERAL CONSTRUCTION SERVICES FOR CONSTRUCTION OF AT&T MOBILITY SITES."
48. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
49. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION, ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
50. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN ALERT OF DANGEROUS EXPOSURE LEVELS.



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2	06/21/19	REVISED PER ABUTTERS LIST	JCH RA
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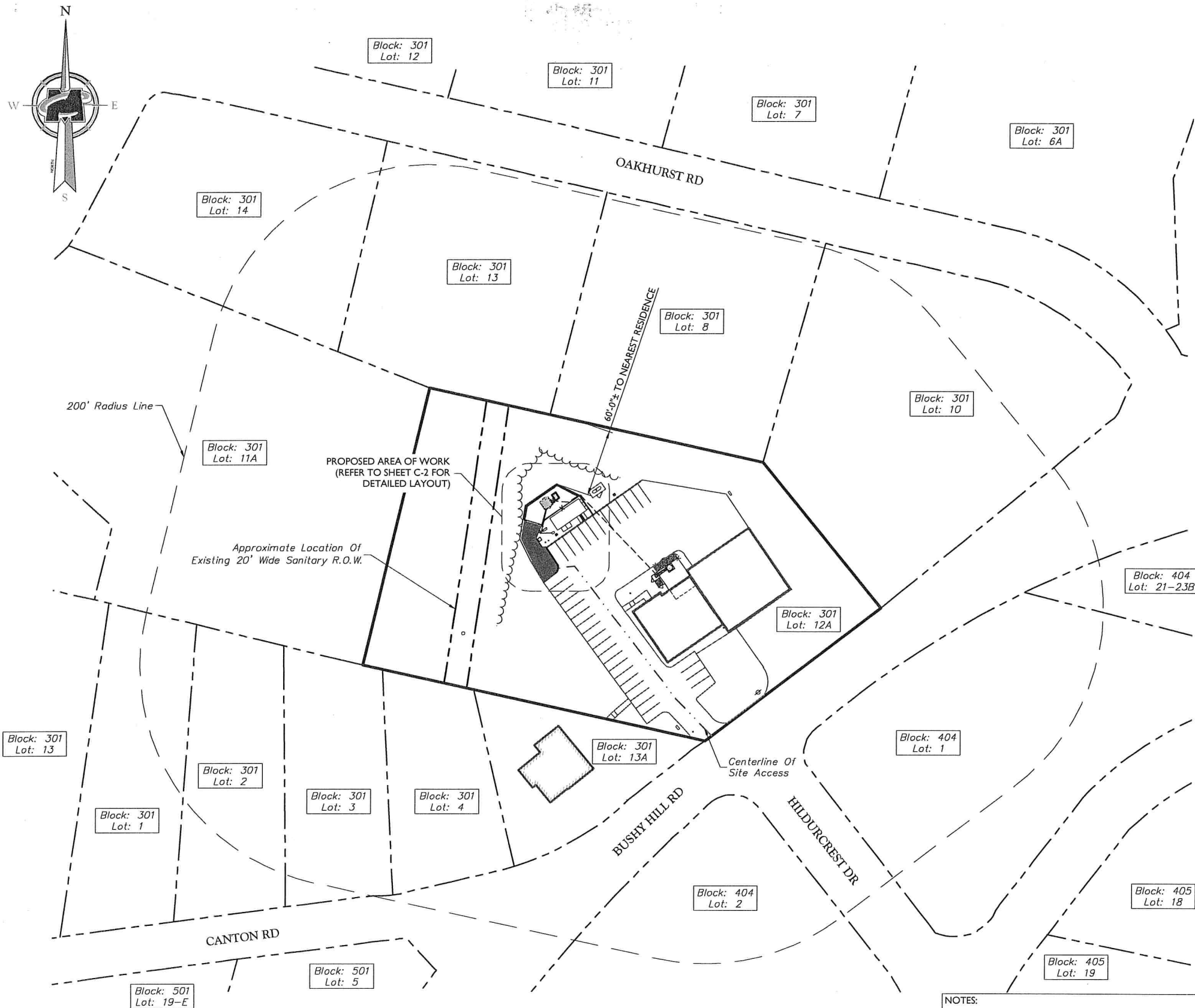


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SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
GN-1

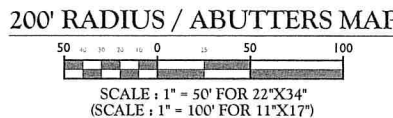


LINE LEGEND

- 200' Radius Line
- - - - - Adjacent Property Line
- Subject Property Line
- Centerline Of Site Access

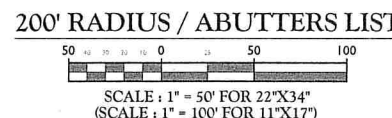
NOTES:

1. THERE ARE 68 HOMES WITHIN A 1000' RADIUS OF THE SUBJECT PROPERTY.



SURVEY, BEING A PORTION OF
TAX PARCEL: 2841
31 TOBEY ROAD LTD.
31 TOBEY ROAD
TOWN OF BLOOMFIELD
COUNTY OF HARTFORD
STATE OF CONNECTICUT

- NOTES:**
1. THERE ARE 68 HOMES WITHIN A 1,000' RADIUS OF THE SUBJECT PROPERTY.
 2. THERE ARE NO SCHOOLS OR CHILD DAY CARE CENTERS WITHIN A 1,000' RADIUS OF THE SUBJECT PROPERTY.
 3. THE CLOSEST SCHOOL IS APPROXIMATELY 5,300'± TO THE SUBJECT PROPERTY.
 3. THE CLOSEST CHILD DAY CARE CENTER IS APPROXIMATELY 11,500'± TO THE SUBJECT PROPERTY.



- E16 301 013A
SIMSBURY FIRE DISTRICT
869 HOPMEADOW STREET
SIMSBURY CT 06070
- C16 301 002
TASHJI GEORGETTE AND IRENE
6 CANTON ROAD
WEST SIMSBURY CT 06092
- C16 301 010
STEELE CHRISTOPHER L AND LINDSAY J
5 OAKHURST ROAD
SIMSBURY CT 06070
- C16 404 002
LOVELAND RICHARD E AND KIM E
1 HILDURCREST DRIVE
SIMSBURY CT 06070
- C16 301 001
LINDQUIST CHRISTOPHER J
8 CANTON ROAD
WEST SIMSBURY CT 06092
- C16 301 003
MACDONALD GEFF
4 CANTON ROAD
WEST SIMSBURY CT 06 06092
- C16 301 013
ST JEAN CARL AND KARIANN
11 OAKHURST ROAD
SIMSBURY CT 06070
- C16 301 008
MILLER ELIZABETH AND KODZ JOSEPH
9 OAKHURST ROAD
SIMSBURY CT 06070
- C16 301 011A
FILIPPOPOULOS KONSTANTINOS
17 OAKHURST ROAD
SIMSBURY CT 06070
- C16 301 012A
SIMSBURY FIRE DISTRICT
869 HOPMEADOW STREET
SIMSBURY CT 06070
- C16 301 014
BOYKO LORI AND STEPHEN JR
15 OAKHURST ROAD
SIMSBURY CT 06070
- C16 404 001
BUTLER STEVEN J AND ELIZABETH A
2 HILDURCREST DRIVE
SIMSBURY CT 06070
- C16 404 21-23B
DEELEY SHAWN R AND MARGARET M
348 BUSHY HILL ROAD
SIMSBURY CT 06070
- C16 301 004
KEATING ANDREW M
2 CANTON ROAD
WEST SIMSBURY CT 06092

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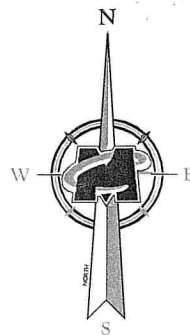
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SHEET TITLE:
200' RADIUS / ABUTTERS MAP AND
200' RADIUS / ABUTTERS LIST

SHEET NUMBER:
Z-1



PROPOSED AT&T 20kW AC GENERATOR ON
A PROPOSED 4'-0"x6'-0" CONCRETE PAD

PROPOSED 6'-8"x6'-8" AT&T W.I.C. ON A
PROPOSED 8'-0"x8'-0" CONCRETE PAD

PROPOSED GPS ANTENNA

Existing AT&T Lease Area
(758 Sq. Ft.)

PROPOSED CHAIN LINK FENCE

PROPOSED RETAINING WALL
(11.7' TOTAL AND 9.7' EXPOSED)

Existing Utilities Backboard

Existing Transformer

PROPOSED AREA TO BE PAVED

Existing Tree Line

60'-0"± TO NEAREST PROPERTY LINE

Existing Propane Tank

Existing Cable Bridge

Existing Verizon
Equipment Shelter

Existing Curb (Typ.)

Existing Light Post
(Typ.)

Existing Telco Pull Box

Existing Bollard
(Typ. of 2)

Existing Access
Gate (Typ.)

Existing Chain Link Fence
(Typ.)

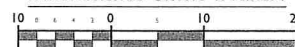
Existing Underground Cable Port

Existing Building
(Typ.)

Existing Monopole
(SEE SHEET C-2 FOR ELEVATION VIEW)

NOTE:
-AT&T LEASE AREA REQUIRES 200 YD³ OF
BACK FILL FOR LEVELING.
-AT&T LEASE AREA REQUIRES REMOVAL OF
~12 TREES WITH A TRUNK DIAMETER >= 6"

PARTIAL SITE PLAN



SCALE : 1" = 10' FOR 22"X34"
(SCALE : 1" = 20' FOR 11"X17")



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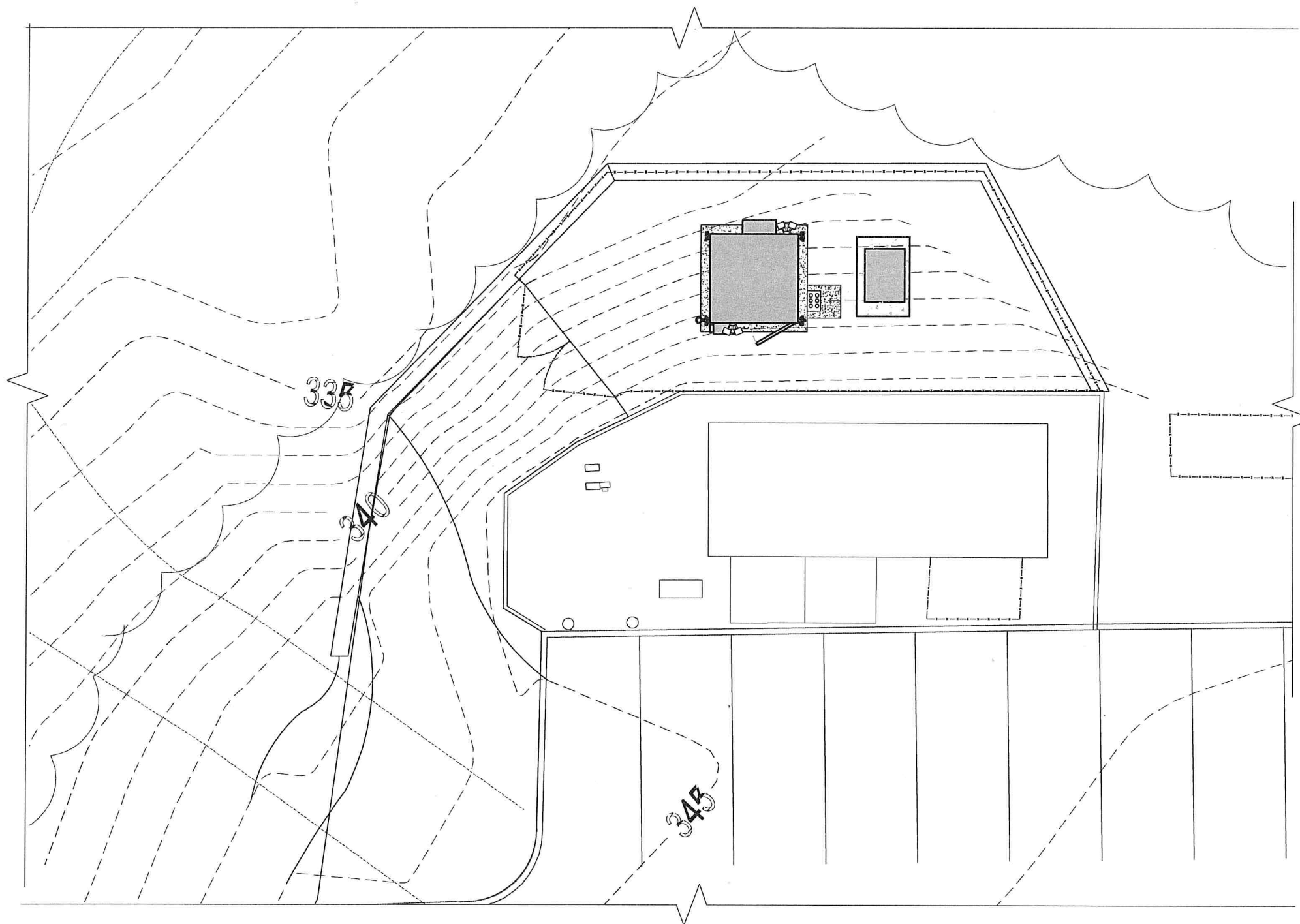
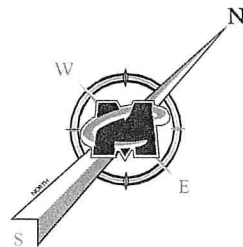
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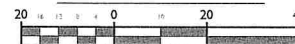
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SHEET TITLE:
PARTIAL SITE PLAN

SHEET NUMBER:
Z-2



GRADING PLAN



SCALE : 1" = 20' FOR 22"x34"
(SCALE : 1" = 40' FOR 11"x17")

LINE LEGEND

- Contour Major - Existing
--- Contour Minor - Existing
--- CONTOUR - PROPOSED

- NOTES:
- PLAN ENTITLED "SIMSBURY FIRE STATION PREPARED BY EBI, DATED: 04/11/14 WERE PROVIDED BY SMARTLINK. MASER CONSULTING CONNECTICUT HAS NOT VERIFIED PROPOSED GRATING.



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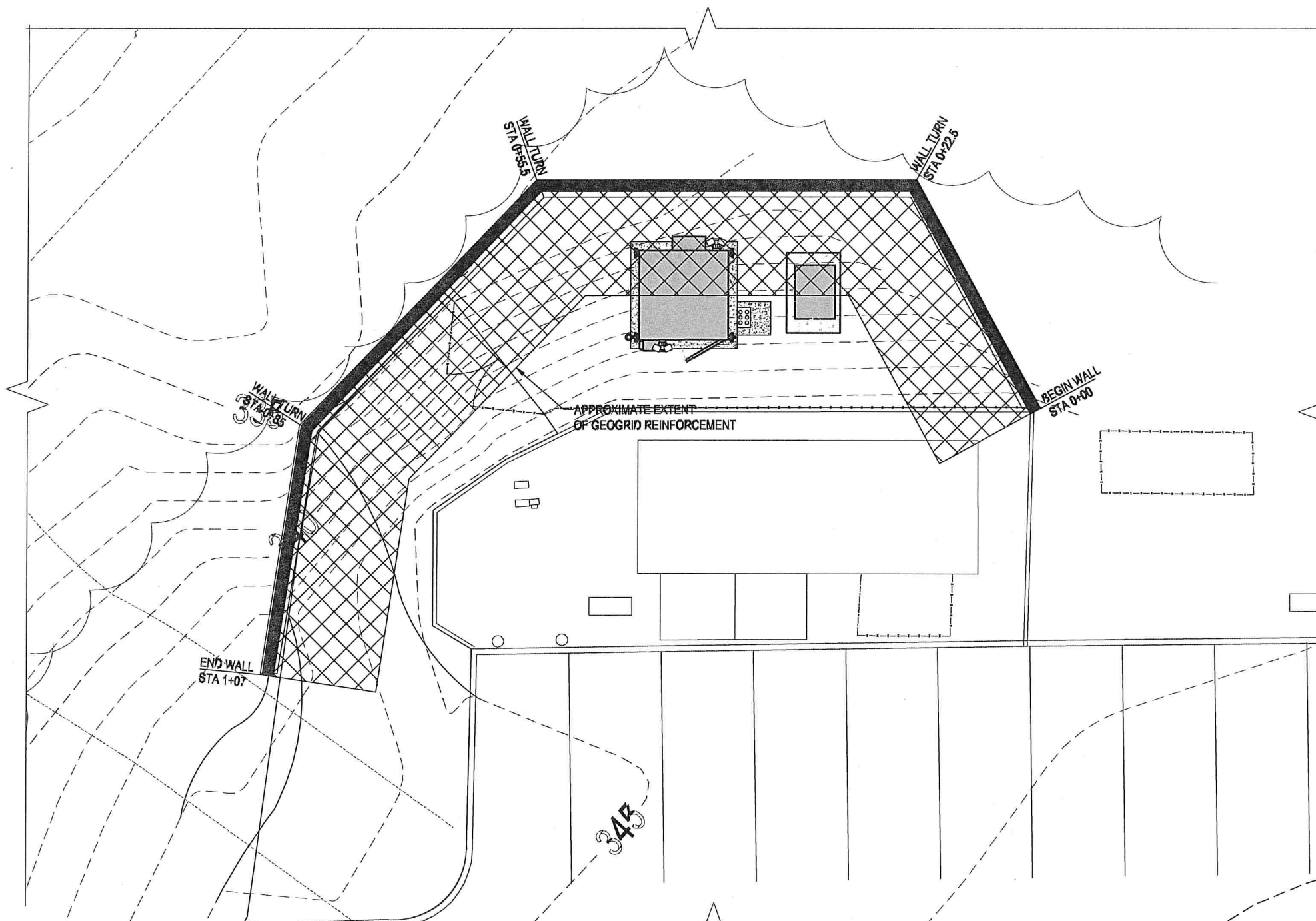
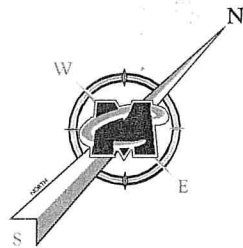
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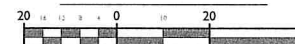
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SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
Z-3



GRADING PLAN



SCALE : 1" = 20' FOR 22"x34"
(SCALE : 1" = 40' FOR 11"x17")

LINE LEGEND

- Contour Major - Existing
--- Contour Minor - Existing
--- CONTOUR - PROPOSED

NOTES:

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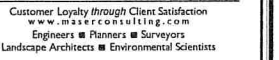
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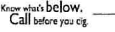
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SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
Z-4



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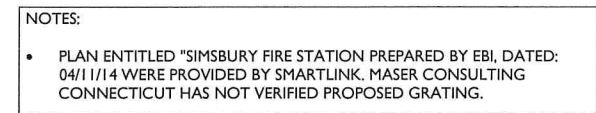
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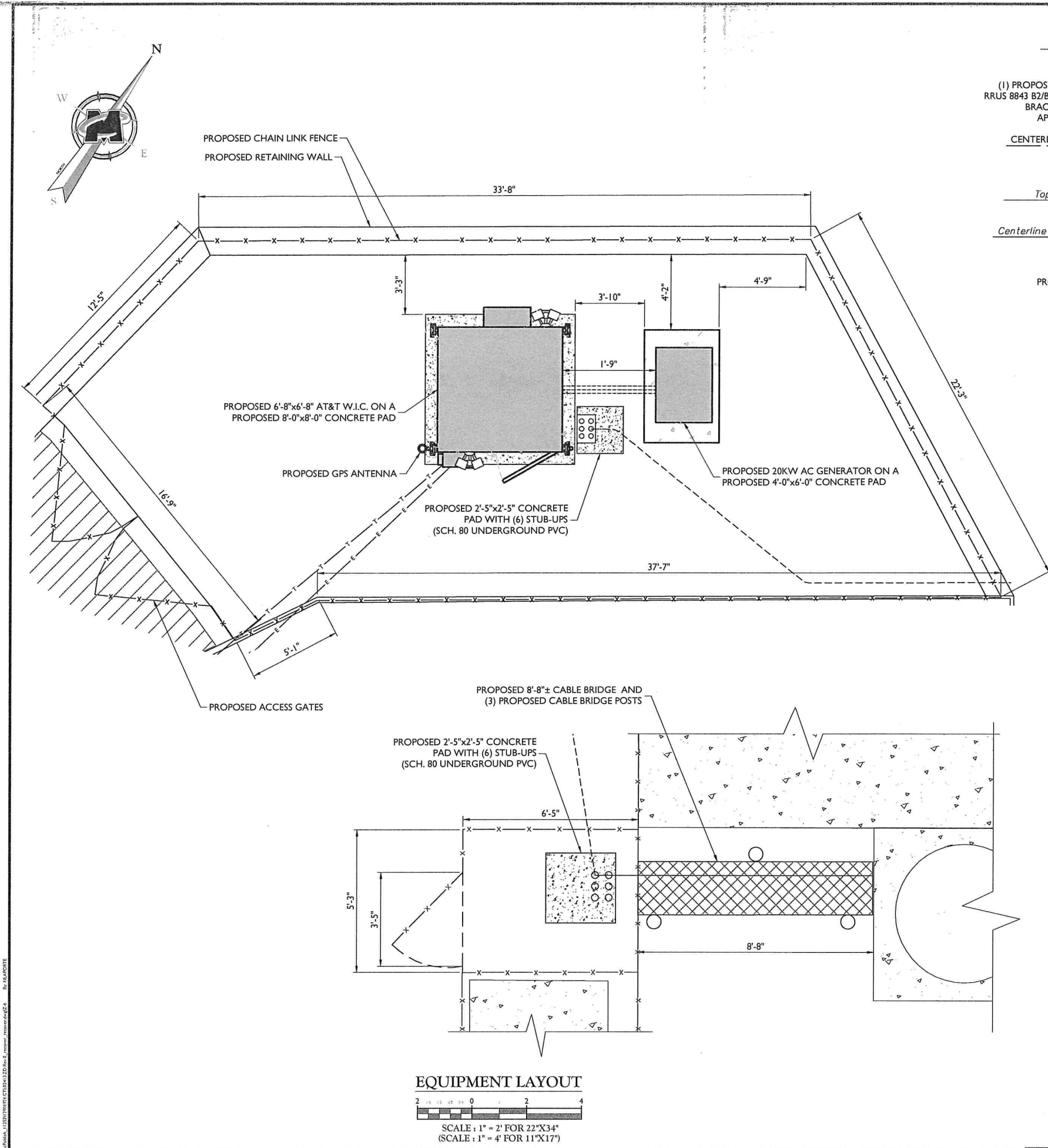
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SHEET NUMBER : Z-5



Age Group	No opinion	Not a problem	Problem	Big problem	Very big problem
18-24	10%	10%	10%	10%	10%
25-34	10%	10%	10%	10%	10%
35-44	10%	10%	10%	10%	10%
45-54	10%	10%	10%	10%	10%
55-64	10%	10%	10%	10%	10%
65+	10%	10%	10%	10%	10%

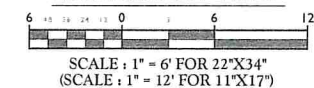
SCALE : 1" = 20' FOR 22"X34"
(SCALE : 1" = 40' FOR 11"X17")



STRUCTURAL NOTES:

- A STRUCTURAL ANALYSIS OF THE ANTENNA MOUNT, TOWER AND TOWER FOUNDATION MUST BE PREPARED BY AN APPROPRIATE LICENSED STRUCTURAL ENGINEER CERTIFYING THAT THE EXISTING TOWER, ANTENNA MOUNTS AND ANY REQUIRED IMPROVEMENTS AND REINFORCEMENTS HAVE SUFFICIENT CAPACITY TO SUPPORT ALL EXISTING AND PROPOSED ANTENNAS, SUPPORTS, CABLES AND APPURTENANCES COMPLIES WITH THE MOST CURRENT LOCAL, STATE AND FEDERAL CODES.
- THE CONTRACTOR IS RESPONSIBLE TO CONFIRM THAT ANY IMPROVEMENTS AND REINFORCEMENTS REQUIRED BY THE STRUCTURAL ANALYSIS CERTIFICATION ARE PROPERLY INSTALLED PRIOR TO THE ADDITION OF ANTENNAS, CABLES, SUPPORTS AND APPURTENANCES PROPOSED ON THESE DRAWINGS OR OTHERWISE NOTED IN THE STRUCTURAL ANALYSIS.

ELEVATION VIEW



SCALE:		JOB NUMBER:	
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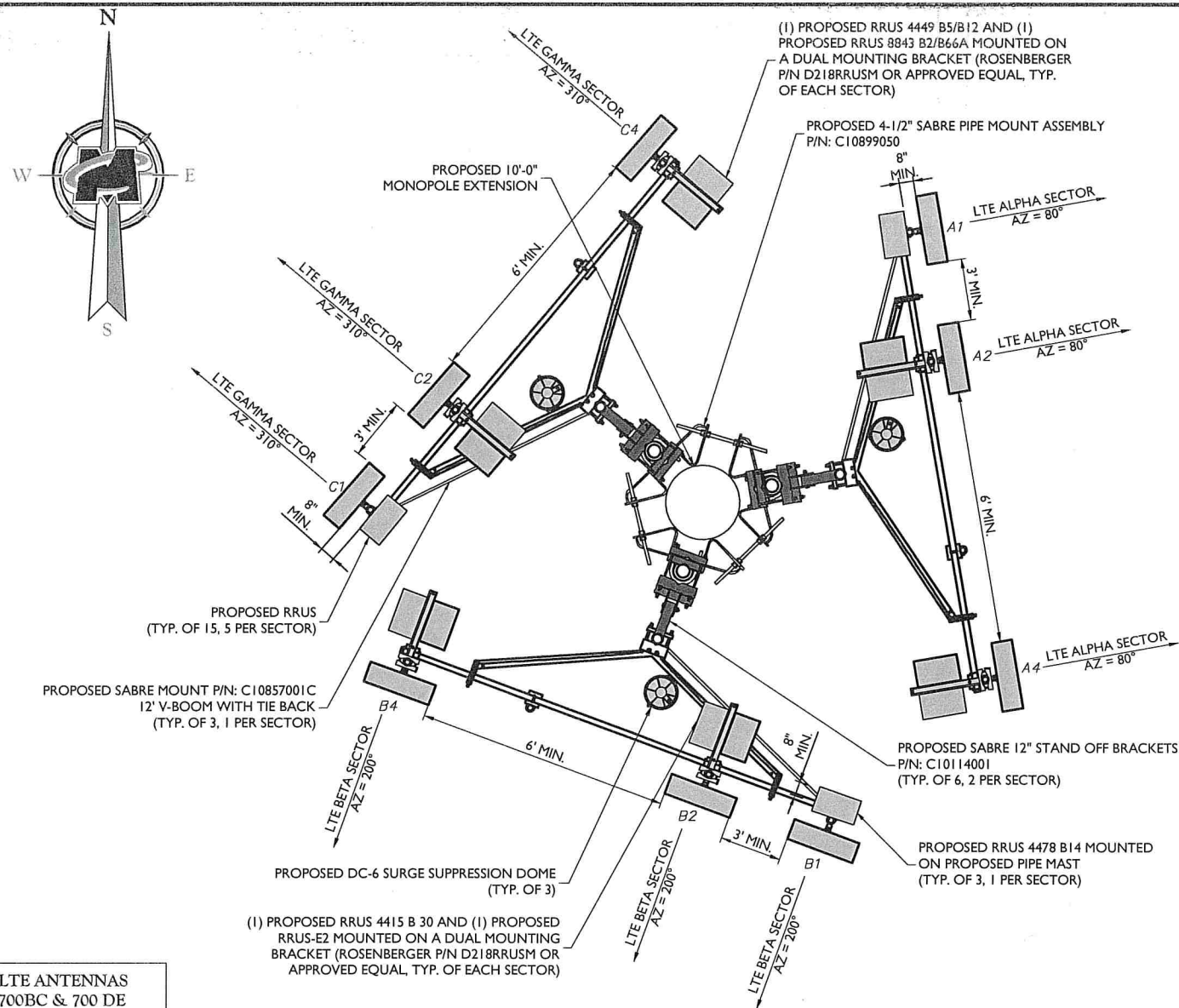
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**EQUIPMENT LAYOUT AND
ELEVATION VIEW**

SHEET NUMBER:
Z-6



3 FEET MINIMUM SEPARATION BETWEEN LTE ANTENNAS
6 FEET MINIMUM SEPARATION BETWEEN 700BC & 700 DE
8 INCH MINIMUM SEPARATION BETWEEN BACK OF PANEL
ANTENNA TO EXISTING/PROPOSED EQUIPMENT

PROPOSED ANTENNA LAYOUT
NOT TO SCALE

ANTENNA SCHEDULE													
SECTOR	PROPOSED ANTENNA	TECHNOLOGY	ANTENNA STATUS	HEIGHT (in)	WIDTH (in)	DEPTH (in)	WEIGHT (lb)	ANTENNA AZIMUTH (DEG.)	ANT. CL. ELEV. (ft)	REMOTE RADIO/TMA CONFIGURATION	TRANSMISSION CABLE		
											QUANTITY	TYPE	STATUS
Sector 1	1 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	96.00	80	110'	(1) RRUS 4478 B14	1/2	FIBER/DC	PROPOSED
	2 CCI HPA15R-BU8A	LTE	PROPOSED	96.00	11.70	7.60	57.30	80	110'	(1) RRUS 4415 B30 (1) RRUS-E2	-	-	-
	3 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	95.40	80	110'	(1) RRUS 4449 B5/B12 (1) RRUS 8843 B2/B44A	-	-	-
	4	-	-	-	-	-	-	-	-	-	-	-	-
Sector 2	1 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	96.00	200	110'	(1) RRUS 4478 B14	1/2	FIBER/DC	PROPOSED
	2 CCI HPA15R-BU8A	LTE	PROPOSED	96.00	11.70	7.60	57.30	200	110'	(1) RRUS 4415 B30 (1) RRUS-E2	-	-	-
	3 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	95.40	200	110'	(1) RRUS 4449 B5/B12 (1) RRUS 8843 B2/B44A	-	-	-
	4	-	-	-	-	-	-	-	-	-	-	-	-
Sector 3	1 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	96.00	310	110'	(1) RRUS 4478 B14	2	DC	PROPOSED
	2 CCI HPA15R-BU8A	LTE	PROPOSED	96.00	11.70	7.60	57.30	310	110'	(1) RRUS 4415 B30 (1) RRUS-E2	-	-	-
	3 KMW EPBQ-454L8H8-L2	LTE	PROPOSED	96.00	21.00	6.30	95.40	310	110'	(1) RRUS 4449 B5/B12 (1) RRUS 8843 B2/B44A	-	-	-
	4	-	-	-	-	-	-	-	-	-	-	-	-



SCALE:		JOB NUMBER:	
AS SHOWN		18946092A	
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
3	07/22/19	RESPONSES TO COUNCIL	AJC RA
2	06/21/19	REVISED PER ABUTTERS LIST	JCH RA
1	06/05/19	REVISED PER COMMENTS	AJC RA
0	04/09/19	ISSUED FOR REVIEW	AJC RA
REV	DATE	DESCRIPTION	DRAWN BY CHECK BY

PETROS E. TSOUKALAS
CONNECTICUT PROFESSIONAL
ENGINEER - LICENSE NUMBER: 33377

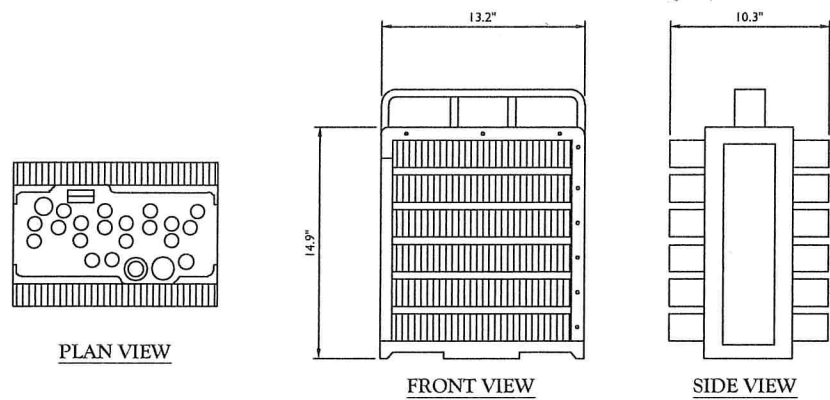
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF THE RESPONSIBLE LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

SITE NAME:
SIMSBURY -
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FA# 12906926
SITE# CT2413S
345 BUSHY HILL ROAD
SIMSBURY, CT 06070
HARTFORD COUNTY

RED BANK OFFICE
331 Newman Springs Road
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Phone: 732.383.1950
Fax: 732.383.1984
email: solutions@maserconsulting.com

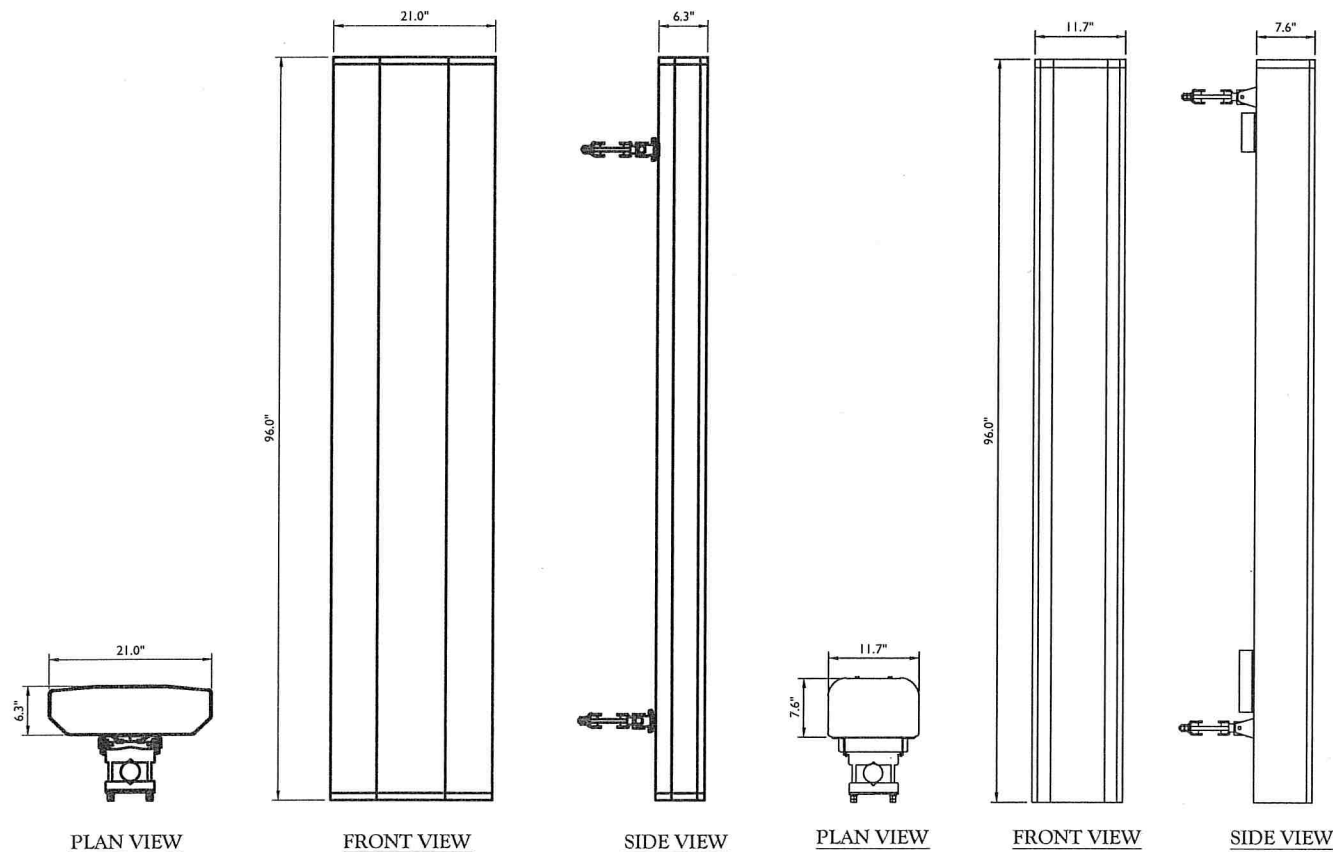
SHEET TITLE:
**ANTENNA LAYOUTS AND
ANTENNA SCHEDULE**

SHEET NUMBER:
Z-7



WEIGHT = 72.0 LBS W/O MOUNTING HARDWARE
(INCLUDES SUNSHIELD AND DOUBLE FILTER CHASSIS)
WEIGHT: 72.0 LBS

**ERICSSON DUAL BAND
RRU-8843 B2+B66A DETAIL**
NOT TO SCALE

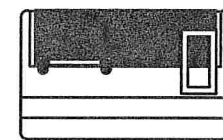


WEIGHT WITHOUT MOUNTING BRACKET = 86 LBS
WEIGHT WITH MOUNTING BRACKET = 95.4 LBS

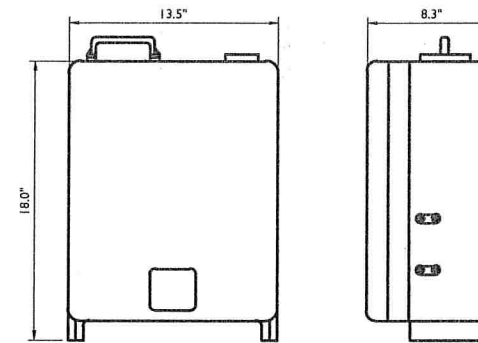
KMW EPBQ-654LH8-L2
NOT TO SCALE

WEIGHT WITHOUT MOUNTING BRACKET = 54 LBS
WEIGHT WITH MOUNTING BRACKET = 66.6 LBS

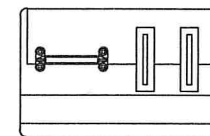
CCI HPA65R-BU8A ANTENNA
NOT TO SCALE



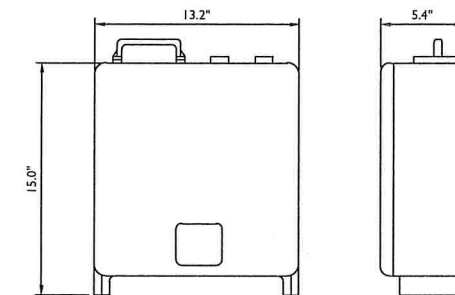
PLAN VIEW



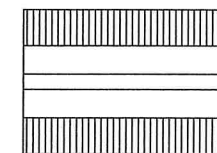
WEIGHT INCLUDES SUNSHIELD = 59.9 LBS
ERICSSON RRUS 4478 B14
NOT TO SCALE



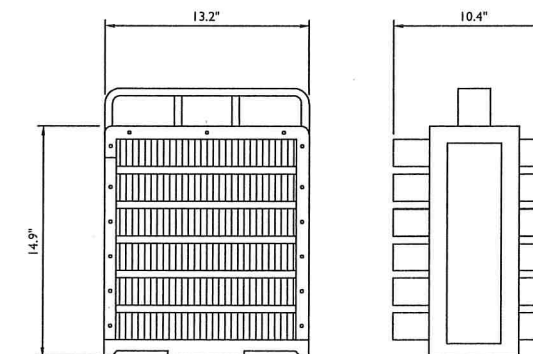
PLAN VIEW



WEIGHT INCLUDES SUNSHIELD = 44 LBS
ERICSSON RRUS 4415 B30
NOT TO SCALE



PLAN VIEW



WEIGHT = 73 LBS W/O MOUNTING HARDWARE
DIMENSIONS (H X W X D): 14.9"H X 13.2"W X 10.4"
(INCLUDES SUNSHIELD) WEIGHT: 73.0 LBS

**ERICSSON DUAL BAND
RRUS-4449 B5+B12 DETAIL**
NOT TO SCALE



SCALE:		JOB NUMBER:		
AS SHOWN		18946092A		
-	-	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
3	07/22/19	RESPONSES TO COUNCIL	AJC RA	
2	06/11/19	REVISED PER ABUTTERS LIST	JCM RA	
1	06/05/19	REVISED PER COMMENTS	AJC RA	
0	04/09/19	ISSUED FOR REVIEW	AJC RA	
REV	DATE	DESCRIPTION	DRAWN BY	CHECKED BY

PETROS E. TSOUKALAS
CONNECTICUT PROFESSIONAL
ENGINEER - LICENSE NUMBER: 33377

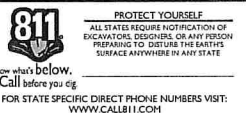
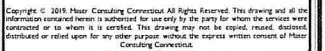
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email: solutions@maserconsulting.com

SHEET TITLE:
DETAILS

SHEET NUMBER:
A-1



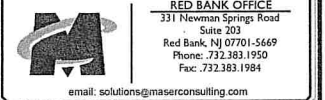
SCALE:		JOB NUMBER:	
AS SHOWN		18946092A	
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
3	07/22/19	RESPONSES TO COUNCIL	RA
2	06/21/19	REVISED PER ABUTTERS LIST	RA
1	06/05/19	REVISED PER COMMENTS	RA
0	04/09/19	ISSUED FOR REVIEW	RA
REV	DATE	DESCRIPTION	CHECKED BY

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ENGINEER - LICENSE NUMBER: 32577

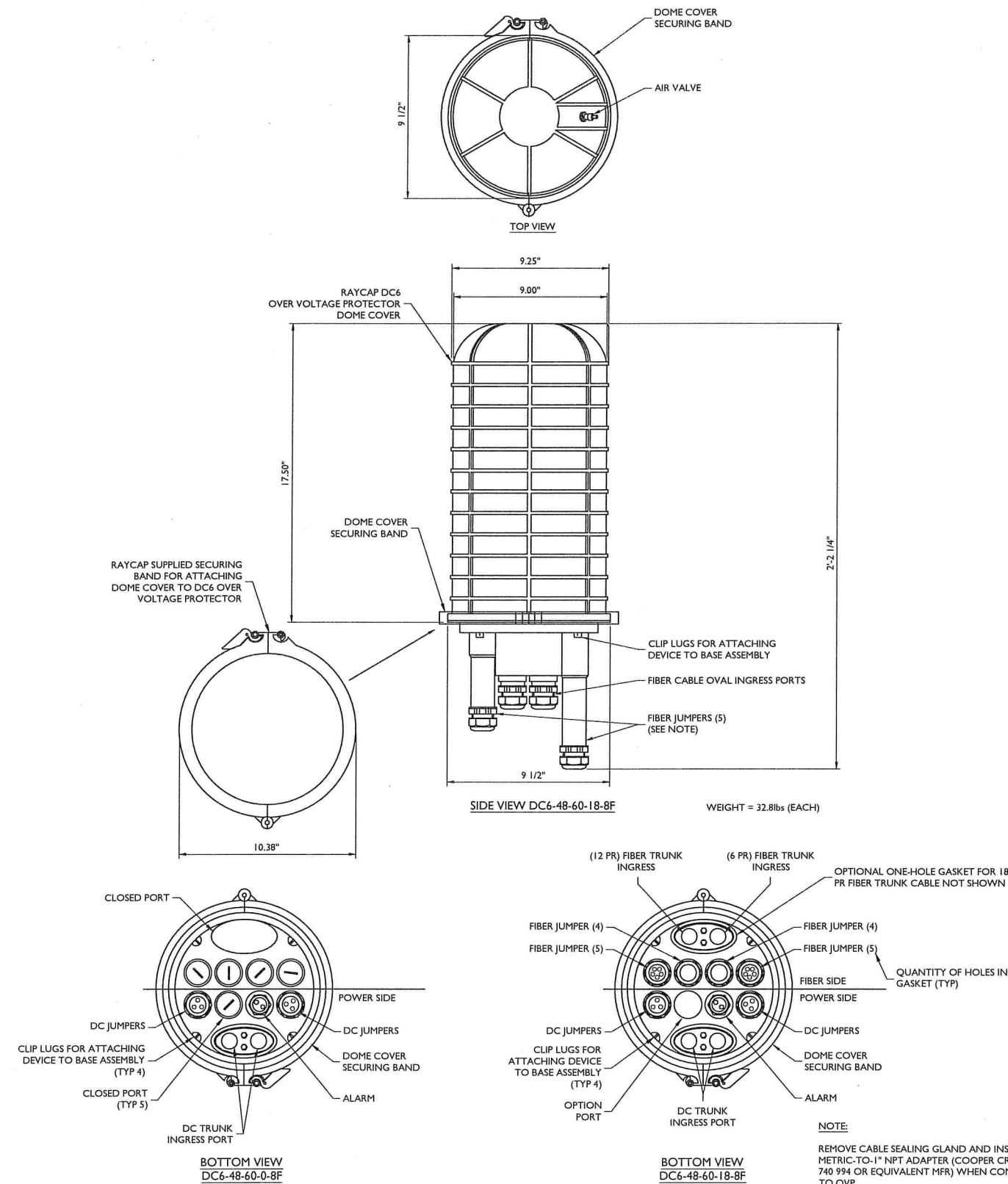
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HARTFORD COUNTY



SHEET TITLE:	DETAILS
SHEET NUMBER:	A-2



NOTES:

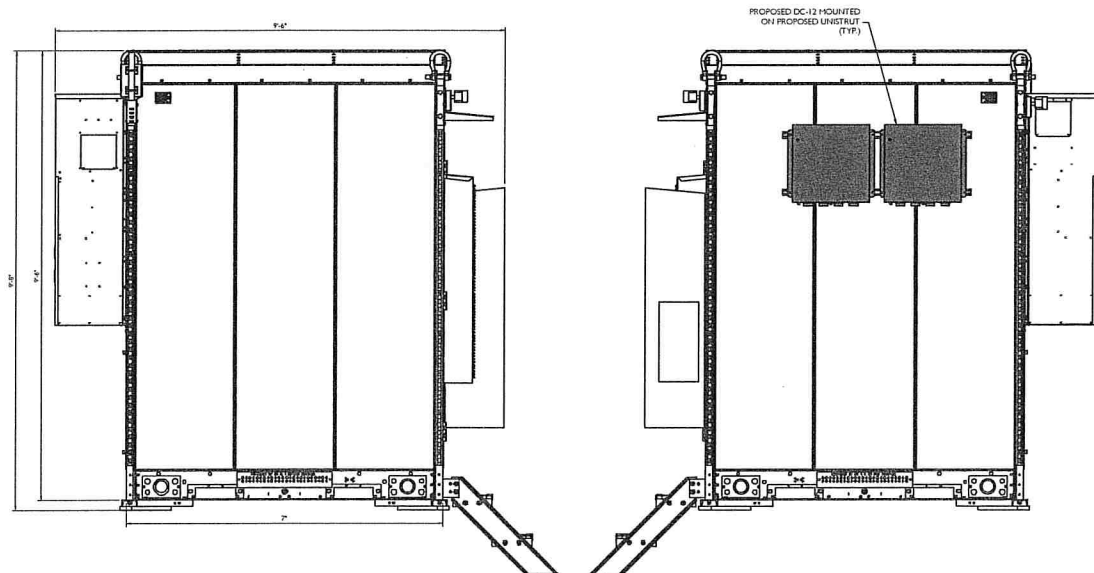
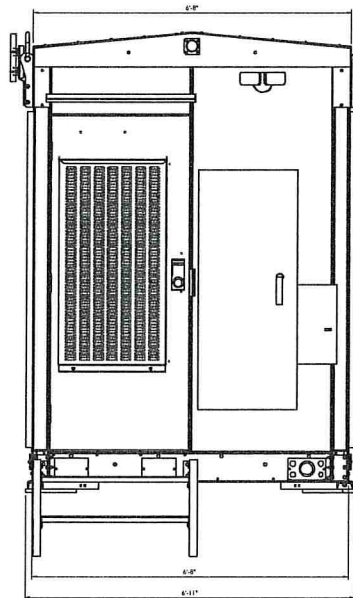
RAYCAP VIA AT&T SUPPLIES THE DC6 OVER VOLTAGE PROTECTOR AND PIPE MOUNTING BRACKETS. SUBCONTRACTOR SHALL SUPPLY THE PIPE.

DC6 SURGE SUPPRESSION DOME
ANTENNA PLATFORM MOUNT ASSEMBLY
NOT TO SCALE

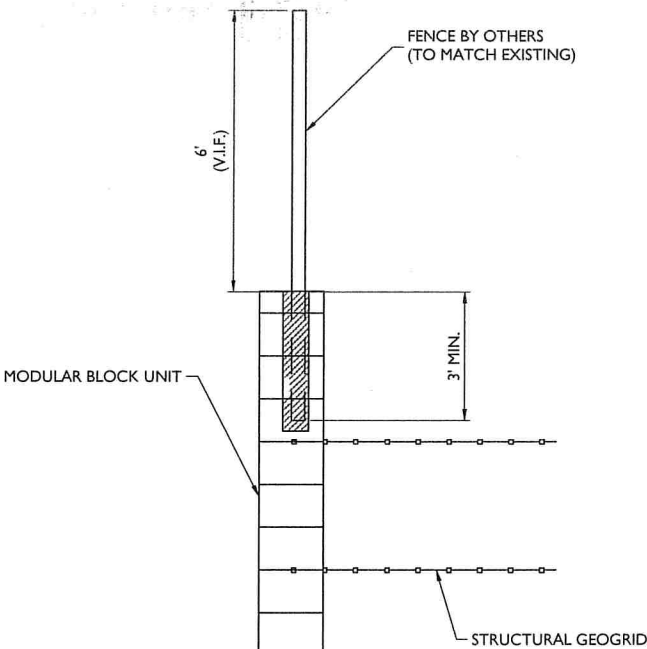
DC6 SURGE SUPPRESSION DOME DETAIL

NOT TO SCALE

- Color – Pebble-Gray, RAL7032.
- Finish – Standard finish is multistage dry powder polyester paint for maximum durability and performance against corrosion. Optional exterior finishes also available upon request.
- NetSure™ 7100 DC Power System in 23" rack with three (3) battery trays (Third Party Integrated).
- NCU system and generator control (Third Party Integrated).
- (2) 19" or 23" equipment welded frames installed. One with fiber patch panel and the other without. (Third Party Integrated.)



Vertiv | XTE 802 Series Walk-In-Cabinet (WIC) (631-205-434)

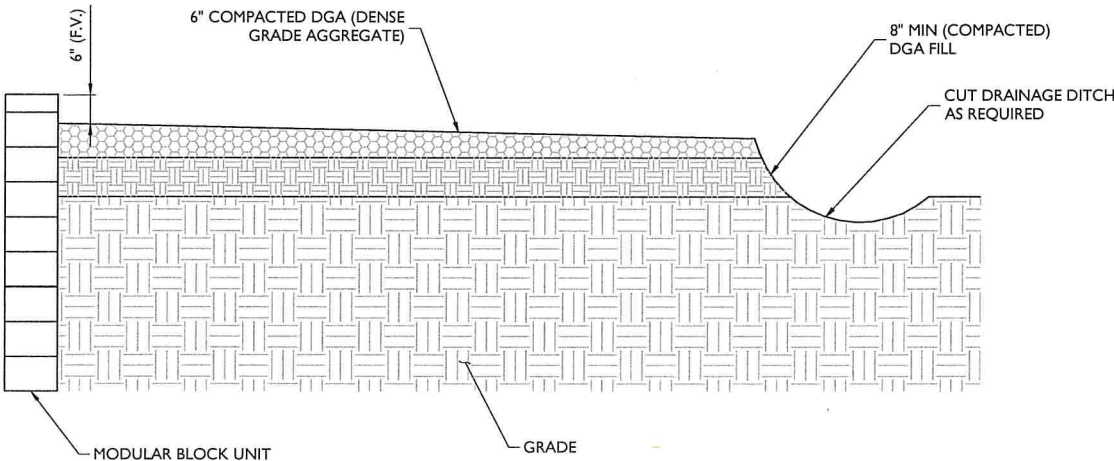


FENCE DETAIL
SCALE: NTS

NON-SHRINK GROUT
POST IN PLACE



FENCE POST EMBEDMENT DETAIL



SCALE:		JOB NUMBER:	
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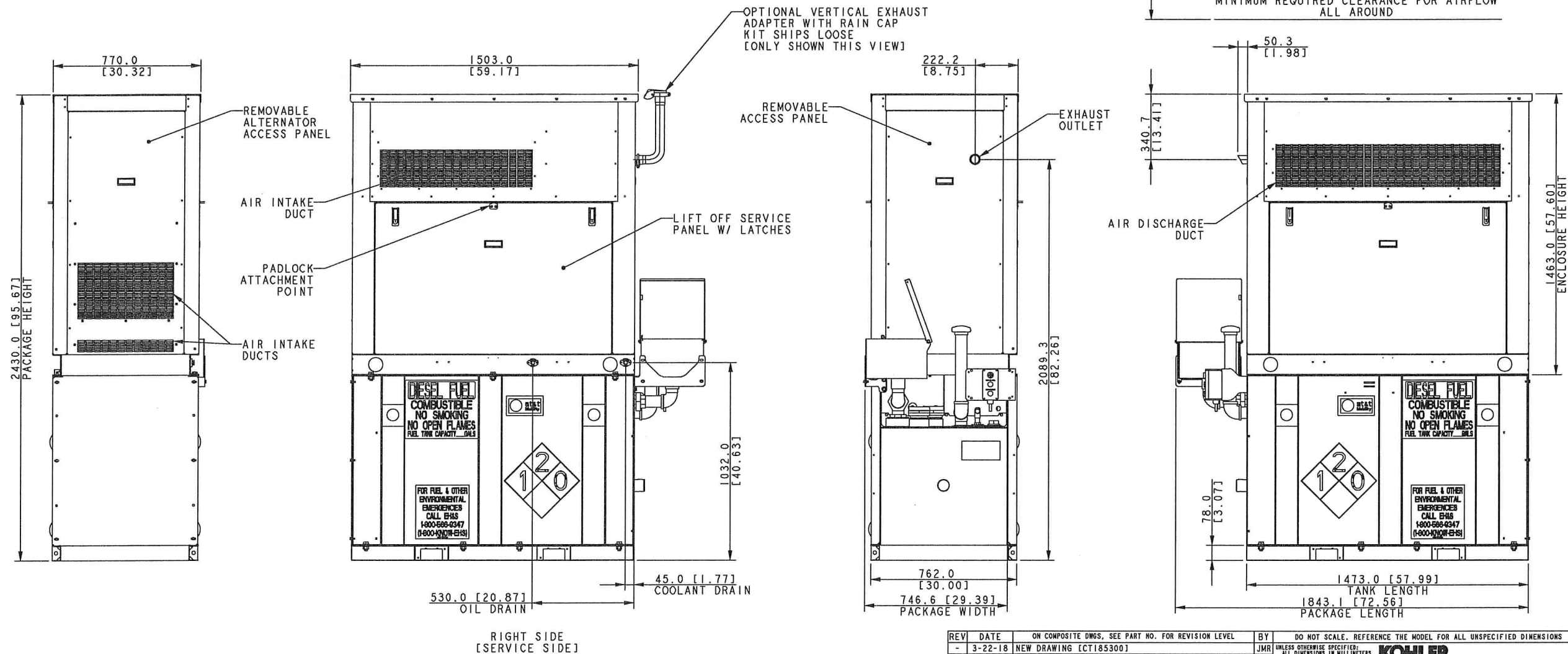
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- NOTES:
1. ALL SIDES OF THE GENERATOR ARE SERVICE ACCESSIBLE. RIGHT SIDE IS PRIMARY SERVICE SIDE.
 2. 6 AMP BATTERY CHARGER.
 3. 120VAC ENGINE BLOCK HEATER.
 4. 120VAC 80W BATTERY HEATER.
 5. GENERATOR MUST BE GROUNDED.
 6. SOUND ATTENUATED ENCLOSURE STANDARD WITH GENERATOR.
 7. MUST ALLOW FREE FLOW OF DISCHARGE AIR AND EXHAUST.
 8. MUST ALLOW FREE FLOW OF INTAKE AIR.
 9. BASE TANK REQUIRES ALL STUB-UPS TO BE IN THE REAR TANK STUB-UP AREA.
 10. TANK EQUIPPED WITH FIRE SAFETY VALVE ON FUEL SUPPLY LINE.
 11. IT IS THE RESPONSIBILITY OF THE INSTALLATION TECHNICIAN TO ENSURE THAT THE GENERATOR INSTALLATION COMPLIES WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS.
 12. GENERATOR IS INSTALLED ON A UL-142 RATED DOUBLE WALL SUBBASE FUEL TANK.



AT&T 20KW KOHLER DIESEL
COMPACT SOUND ENCLOSURE
W/ 105 GAL STATE TANK

REV	DATE	ON COMPOSITE DWGS, SEE PART NO. FOR REVISION LEVEL	BY	DO NOT SCALE. REFERENCE THE MODEL FOR ALL UNSPECIFIED DIMENSIONS
-	3-22-18	NEW DRAWING [CT185300]	JMR	UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS IN MILLIMETERS GENERAL TOLERANCES: 1.1X ± 0.15 1.2 ± 0.15 SURFACE FINISH ANGLES ± 0°30' MAX. THIRD ANGLE PROJECTION
				KOHLER KOHLER, WISCONSIN 53044 THIS DRAWING IN DESIGN AND DETAIL IS KOHLER CO. PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH KOHLER CO. WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.
				TITLE: DIMENSION PRINT, 20KW STATE TANK, ENCL
				APPROVALS DATE SCALE 0.40 CAD NO. SHEET 1 of 3
				DESIGN JMR 3-22-18
				CHECKED JMR 3-22-18
				APPROVED LBD 3-22-18 ADV-9064 D

GENERATOR DETAIL
NOT TO SCALE



SCALE:		JOB NUMBER:		
AS SHOWN		18946092A		
-	-	-	-	-
-	-	-	-	-
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SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
A-4