





ATTACHMENT 4



Legend

-  Site
-  Subject Property
-  Approximate Parcel Boundary
-  Municipal Boundary

Map Notes:
 Base Map Source: CT ECO 2019 Imagery
 Map Scale: 1 inch = 400 feet
 Map Date: November 2021



Site Location Map

Proposed Wireless
 Telecommunications Facility
 Brookfield South
 60 Vale Road
 Brookfield, Connecticut





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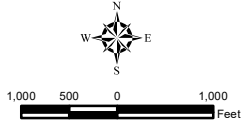
- Legend**
- Site
 - - - Municipal Boundary

Site Location Map

Proposed Wireless
 Telecommunications Facility
 Brookfield South
 60 Vale Road
 Brookfield, Connecticut



Map Notes:
 Base Map Source: USGS 7.5 Minute Topographic
 Quadrangle Map, Danbury, CT (1984) and Newtown, CT (1984)
 Map Scale: 1:24,000
 Map Date: November 2021





HOMELAND TOWERS, LLC

WIRELESS TELECOMMUNICATIONS FACILITY

BROOKFIELD SOUTH 60 VALE ROAD BROOKFIELD, CT 06804

H
HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

ALL-POINTS
TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

PETITION DOCUMENTS		
NO	DATE	REVISION
0	03/07/22	FOR REVIEW: RCB
1	03/23/22	CLIENT REVS: RCB
2	03/29/22	CLIENT REVS: RCB
3	07/28/22	MUNI ANTENNA REVS: RCB
4		
5		
6		

DRAWING INDEX

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- EX-1 BOUNDARY SURVEY
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SITE INFORMATION

PROJECT LOCATION: 60 VALE ROAD
BROOKFIELD, CT 06804

PROJECT DESCRIPTION: RAWLAND SITE W/ GROUND EQUIPMENT
WITHIN 3,150± SF TELECOMMUNICATIONS
COMPOUND W/ NEW 165± AGL
GALVANIZED MONOPOLE

PROPERTY DEVELOPER: HOMELAND TOWERS, LLC
9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

DEVELOPER CONTACT: RAY VERGATI
(203) 297-6345

ENGINEER CONTACT: ROBERT C. BURNS, P.E.
(860) 552-2036

LATITUDE: 41° 26' 08.94" N (41.435817)
LONGITUDE: 73° 23' 57.56" W (-73.399322)
ELEVATION: 298.0± AMSL

MAP: E16
LOT: 23
ZONE: I-1 HO

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT.
SUITE 311 WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

HOMELAND TOWERS BROOKFIELD SOUTH

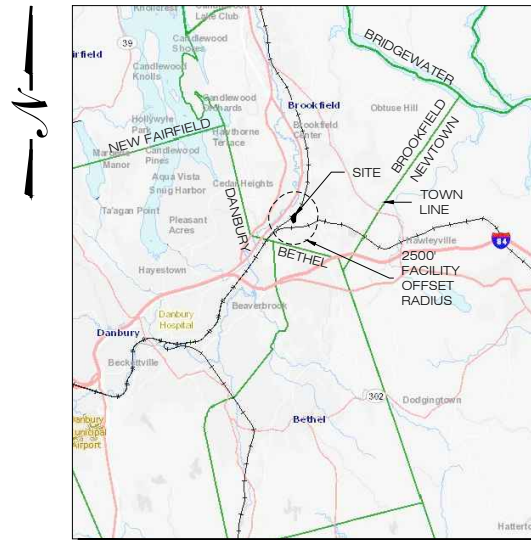
SITE ADDRESS: 60 VALE ROAD
BROOKFIELD, CT 06804

APT FILING NUMBER: CT2831040

DATE: 03/07/22 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

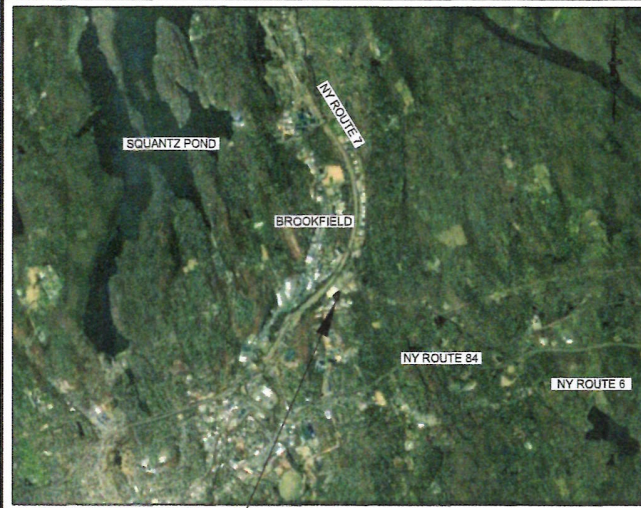


MUNICIPAL NOTIFICATION LIMIT MAP
SCALE: 1" = 2 Miles



VICINITY MAP
SCALE: N.T.S.

OWNER: 70 VALE ROAD LLC 70 VALE ROAD BROOKFIELD, CT 06804	APPLICANTS: HOMELAND TOWERS, LLC 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810 RAY VERGATI (203) 297-6345	HOMELAND PROJECT ATTORNEY: CUDDY & FEDER, LLP 445 HAMILTON AVENUE 14TH FLOOR WHITE PLAINS, NY 10601 (914) 761-1300	POWER PROVIDER: EVERSOURCE: (800) 286-2000	TELCO PROVIDER: FRONTIER (800) 921-8102	CALL BEFORE YOU DIG: (800) 922-4455	GOVERNING CODES: CONNECTICUT STATE BUILDING CODE, LATEST EDITION NATIONAL ELECTRIC CODE, LATEST EDITION TIA-222-H
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SITE LOCATION — LOCATION MAP
(NOT TO SCALE)

GENERAL NOTES:

- SUBSURFACE UTILITIES WERE NOT LOCATED OR SURVEYED BY NORTHEAST TOWER SURVEYING, INC. AS PART OF THIS SURVEY. PERSONS DEPENDING ON THIS DOCUMENT SHOULD CONTACT THE LOCAL UNDERGROUND UTILITY LOCATING AGENCY PRIOR TO COMMENCING ANY EARTH MOVING OPERATIONS OR OTHER NEW CONSTRUCTION ACTIVITIES OR CALL 811 OR 1-800-922-4455.
 - VERTICAL DATUM IS NAVD 1988 AND ESTABLISHED BY GPS OBSERVATIONS REFERENCED TO THE NGS CORS NETWORK. PERMANENT SITE CONTROL HAS BEEN ESTABLISHED ON SITE.
 - HORIZONTAL DATUM IS NAD 83. STATE PLANE COORDINATES OF CONNECTICUT AND ESTABLISHED GPS OBSERVATIONS REFERENCED TO THE NGS CORS NETWORK. DEED BEARINGS ARE SHOWN HEREON AND NOT RELATED TO CURRENT HORIZONTAL CONTROL.
 - SURVEY MAY BE SUBJECT TO EASEMENTS AND RIGHT-OF-WAYS OF RECORD, BOTH RECORDED AND UNRECORDED.
 - ONLY COPIES FROM THE ORIGINAL SURVEY MAP EMBOSSED WITH AN ORIGINAL OF THE LAND SURVEYOR'S STAMP AND SIGNATURE SHALL BE CONSIDERED TO BE TRUE AND VALID COPIES.
 - SURVEY NOT INTENDED FOR THE CONVEYANCE OF THE REAL PROPERTY. SURVEY ONLY PROVIDED IN CONJUNCTION WITH PLANNING, ZONING AND PERMITTING REQUIREMENTS. USE OF THIS SURVEY BY ANYONE OTHER THAN HOMELAND TOWER, LLC IS STRICTLY PROHIBITED.
 - PROPERTY LINES ESTABLISHED USING A COMBINATION OF EXISTING FIELD MONUMENTATION, PARENT PARCEL DEED AND OTHER RECORD DOCUMENTATION.
 - TOPOGRAPHIC FEATURES SHOWN HEREON ARE BASED UPON ACTUAL FIELD DATA COLLECTED ON DECEMBER 1, 2021.
 - ADDITIONAL BOUNDARY INFORMATION SHOWN HEREON IS BASED ON THE TOWN OF BROOKFIELD GIS DATA AS OF DECEMBER 9, 2021 AND IS NOT INTENDED TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY.
 - REFER TO ADDITIONAL MAPS: TOPOGRAPHIC FEATURES SHOWN HEREON ARE BASED UPON ACTUAL FIELD DATA COLLECTED ON DECEMBER 1, 2021.
- MAP SHOWING EASEMENT AREA TO BE CONVEYED FROM LOT 3 TO LOTS 1 AND 2 RJM INDUSTRIAL PARK, VALE ROAD, BROOKFIELD, CT; FILED UNDER MAP NO. 425 IN THE TOWN OF BROOKFIELD CLERK'S OFFICE
- NEW YORK, NEW HAVEN & HARTFORD RAILROAD VALUATION MAP

LEGAL DESCRIPTION

SITUATED IN THE TOWN OF BROOKFIELD, COUNTY OF FAIRFIELD, STATE OF CONNECTICUT, DESCRIBED AS FOLLOWS:

ALL THAT CERTAIN PIECE OR PARCEL OF LAND SITUATED IN THE TOWN OF BROOKFIELD, COUNTY OF FAIRFIELD AND STATE OF CONNECTICUT, BEING SHOWN AND DESIGNATED AS LOT 3 ON THAT CERTAIN MAP ENTITLED "TOWN OF BROOKFIELD, FAIRFIELD COUNTY, CONNECTICUT, FINAL SUBDIVISION MAP OF RJM INDUSTRIAL PARK MAP PREPARED FOR SYLVIA M. INC. BY CARROCCIO-COVILL & ASSOCIATES, SCALE 1" = 100', FEBRUARY 26, 1990 CONSISTING OF 3.99 ± ACRES. FILED IN THE MAP RECORDS OF THE TOWN OF BROOKFIELD UNDER MAP NO. 255.

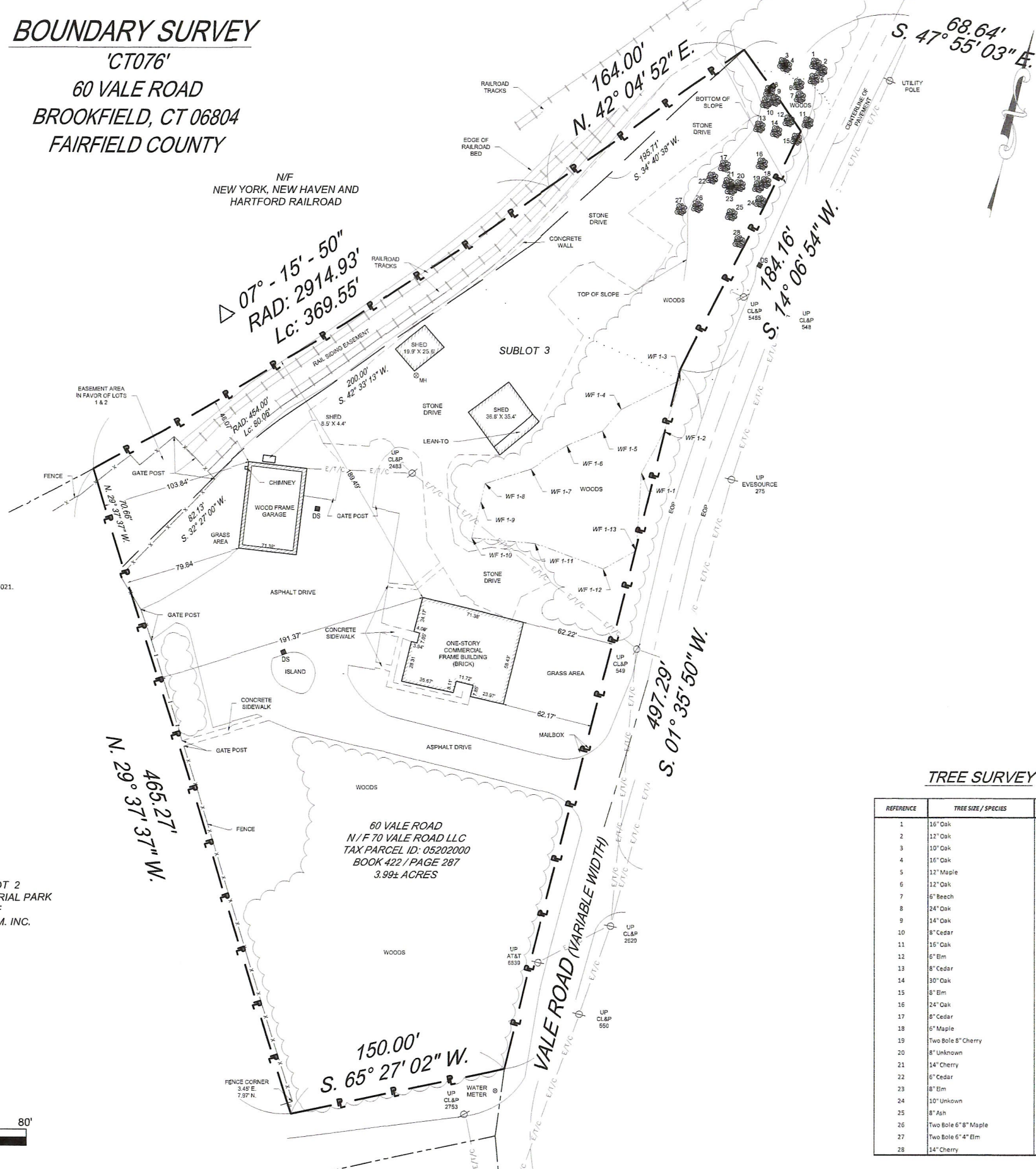
TAX ID: 05202000

BEING THE SAME PROPERTY CONVEYED TO 70 VALE ROAD, LLC, GRANTEE, FROM SYLVIA M. INC., GRANTOR, BY DEED RECORDED 09/20/2002, IN BOOK 422, PAGE 287 OF THE FAIRFIELD COUNTY RECORDS.

BOUNDARY SURVEY
'CT076'
60 VALE ROAD
BROOKFIELD, CT 06804
FAIRFIELD COUNTY

N/F
NEW YORK, NEW HAVEN AND
HARTFORD RAILROAD

SUBLOT 2
RJM INDUSTRIAL PARK
N/F
SYLVIA M. INC.

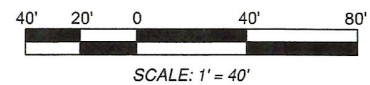


TREE SURVEY

REFERENCE	TREE SIZE / SPECIES	Note
1	16" Oak	
2	12" Oak	
3	10" Oak	
4	16" Oak	
5	12" Maple	
6	12" Oak	
7	6" Beech	
8	24" Oak	
9	14" Oak	
10	8" Cedar	
11	16" Oak	
12	6" Elm	
13	8" Cedar	
14	30" Oak	
15	8" Elm	
16	24" Oak	
17	8" Cedar	
18	6" Maple	
19	Two Boles 8" Cherry	
20	8" Unknown	
21	14" Cherry	
22	6" Cedar	
23	8" Elm	
24	10" Unknown	
25	8" Ash	
26	Two Boles 6" 8" Maple	
27	Two Boles 6" 4" Elm	
28	14" Cherry	

LEGEND

- FH MANHOLE
- MH GAS METER
- GM LIGHT STANDARD
- LP DRAINAGE STRUCT.
- DS FIRE HYDRANT
- I.P. EXISTING IRON PIPE
- UP UTILITY POLE
- PROPERTY LINE
- WETLAND
- SUBLOT LINE
- ROW LINE
- FENCE
- TREE
- EDGE OF WOODS
- BRUSH LINE
- OVERHEAD UTILITIES
- CENTERLINE



PLANS PREPARED FOR:

HOMELAND TOWERS
9 Harmony Street
Danbury, Connecticut 06810

SURVEY LICENSE

CONSULTANT:
Northeast Tower Surveying, Inc.
140 West Maple Lane Road, Williamsville, New York 14221
(716) 549-2894
Northeast Tower Surveying, Inc. Project #21-178

DRAWING NOTICE:
THESE DOCUMENTS ARE CONFIDENTIAL AND ARE THE SOLE PROPERTY OF HOMELAND TOWERS AND MAY NOT BE REPRODUCED, DISSEMINATED OR REDISTRIBUTED WITHOUT THE EXPRESS WRITTEN CONSENT OF HOMELAND TOWERS.

REVISIONS:

DESCRIPTION	DATE	BY	REV

ISSUED FINAL: 3/11/22 DSA ECN

SITE NAME:
BROOKFIELD SOUTH

SITE NUMBER:
CT076

SITE ADDRESS:
**60 VALE ROAD
BROOKFIELD, CT 06804
FAIRFIELD COUNTY**

SHEET DESCRIPTION:
BOUNDARY SURVEY

SHEET NUMBER:
EX-1

PROP. 165± AGL MONOPOLE W/
YIELD POINT @ 129± AGL
PROJECT LIMITS OF DISTURBANCE
(L.O.D.) = 15,000± SF (0.34± ACRES)

EXIST. WETLANDS DELINEATION BY ALL-POINTS
TECHNOLOGY CORPORATION (TYP.)

COMPOUND ACCESS THROUGH EXIST. PAVED
DRIVEWAY / GRAVEL AREA (APPROX. 640±)

PROPERTY LINE (TYP.)

SUBJECT PARCEL:
MAP: E16 LOT: 23
N/F
70 VALE ROAD LLC
60 VALE ROAD
BROOKFIELD, CT 06804
ZONE: I-1 HO
3.99± ACRES TOTAL

MBL: E16-22
58 VALE RD.
N/F
PHARMCO
PRODUCTS INC.

MBL: E15-18
93 VALE RD.
N/F
CHLOE
EAST LLC

MBL: E16-2
93 VALE RD.
N/F
CHLOE EAST LLC

MBL: E16-3
65 VALE RD.
N/F
APBM LLC

MBL: E16-4
63 VALE RD.
N/F
MURPHY
PROPERTIES
LLC

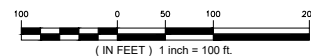
MBL: E16-5
53 VALE RD.
N/F
VALE
PROPERTIES
LLC

PROP. 45x80' (3,600± SF) LEASE
AREA & 45x70' (3,150± SF) FENCED
GRAVEL COMPOUND AREA

PROP. UTILITY POLE (INSTALLED
BY UTILITY COMPANY)



1 SITE PLAN
SP-1 SCALE: 1" = 100'-0"



PARK LANE

VALE ROAD

EXIST. RESIDENCE (TYP.)

H
HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

ALL-POINTS
TECHNOLOGY CORPORATION

567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

PETITION DOCUMENTS

NO	DATE	REVISION
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2	03/29/22	CLIENT REVS: RCB
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4		
5		
6		

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY
CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT.
SUITE 311 WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET
2ND FLOOR
DANBURY, CT 06810

**HOMELAND TOWERS
BROOKFIELD SOUTH**

SITE: 60 VALE ROAD
ADDRESS: BROOKFIELD, CT 06804

APT FILING NUMBER: CT2831040

DATE: 03/07/22 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:

**SITE PLAN
& ABUTTERS MAP**

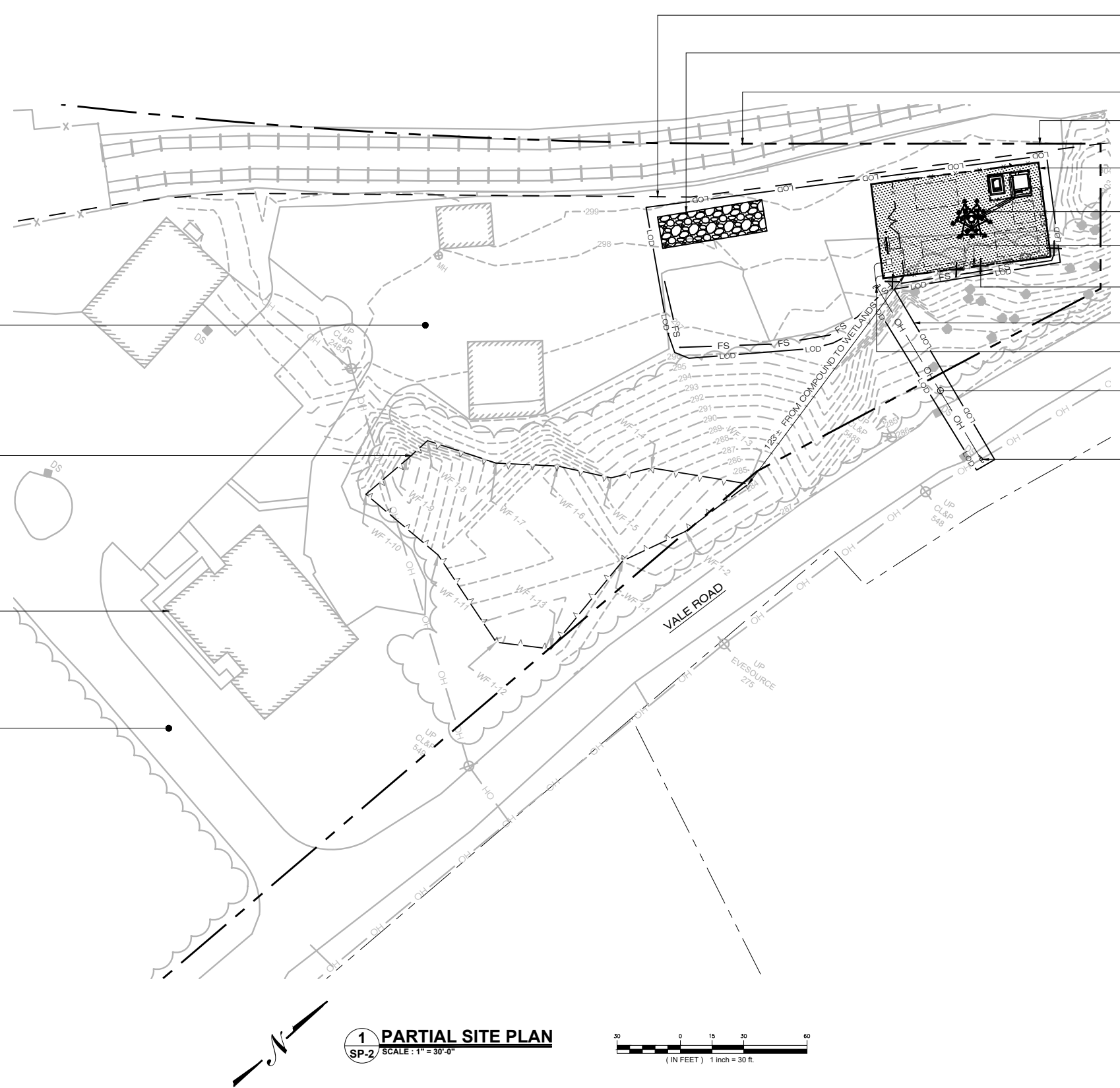
SHEET NUMBER:

SP-1

MAP REFERENCES:
1. "EX-1 SITE SURVEY, 60 VALE ROAD, BROOKFIELD, CT 06804, FAIRFIELD COUNTY", 1 OF 1, PREPARED BY NORTHEAST TOWER SURVEYING, INC., 140 WEST MAPLEMEERE ROAD, WILLIAMSVILLE, NEW YORK 14221, LATEST REVISION DATED: 02/08/22.

LEGEND

- PROPERTY LINE
- RAILROAD EASEMENT
- EXIST. WETLAND
- LOD --- LIMIT OF DISTURBANCE
- X-X- PROP. CHAIN LINK FENCE
- E/T --- PROP. ELEC./TELCO LINE
- OH --- PROP. OVERHEAD ELEC./TELCO LINE
- FS --- PROP. FILTER SOCK
- EXIST. TREE TO REMAIN
- EXIST. TREE TO BE REMOVED



- EXIST. RAILROAD EASEMENT (TYP.)
- ① C-2 PROP. CONSTRUCTION ENTRANCE
- EXIST. RAILROAD TRACKS (TYP.)
- EXIST. PROPERTY LINE (TYP.)
- ① CP-1 PROP. 45x80' (3,600± SF) LEASE AREA & 45x70' (3,150± SF) FENCED GRAVEL COMPOUND AREA
- ② C-2 PROP. 165± AGL MONOPOLE W/ YIELD POINT @ 129± AGL
- PROP. COMPOST FILTER SOCK (TYP.)
- EXIST. TREE TO BE REMOVED (TYP. 4PL)
- PROJECT LIMITS OF DISTURBANCE = 15,000± SF (0.34± ACRES)
- PROP. UTILITY POLE (FINAL LOCATION TO BE DETERMINED BY UTILITY COMPANY)
- PROP. OVERHEAD ELEC./TELCO SERVICE FROM PROP. UTILITY POLE ON VALE ROAD TO PROP. UTILITY POLE AT PROP. COMPOUND. (APPROX. 100±')
- PROP. UTILITY POLE (INSTALLED BY UTILITY COMPANY)

- EXIST. GRAVEL PARKING AREA (TYP.)
- EXIST. WETLANDS DELINEATION BY ALL-POINTS TECHNOLOGY CORPORATION (TYP.)
- EXIST. BUILDING (TYP.)
- EXIST. PAVED ACCESS DRIVE (TYP.)

NOTE:
4 TREES WILL NEED TO BE REMOVED IN CONSTRUCTION OF THE FACILITY.

<10" DIA.	4 TREES
10"-14" DIA.	0 TREES
>14" DIA.	0 TREES

SITE AREAS & VOLUMES OF EARTHWORK

SITWORK ENTAILS APPROXIMATELY 70 CUBIC YARDS OF EXCAVATION. THE COMPOUND WILL IMPORT APPROXIMATELY 70 CUBIC YARDS OF CLEAN BROKEN STONE. THE UTILITY TRENCH FROM THE PROP. UTILITY POLE AT THE COMPOUND WILL EXCAVATE APPROXIMATELY 8 CUBIC YARDS OF MATERIAL THAT WILL BE USED TO BACKFILL THE TRENCH.

COMPOUND AREA SLOPES:
EXISTING - 0.5%-1.0%
PROPOSED - 0.5%-1.0%

TOTAL AREA OF DISTURBANCE = 15,000± SF

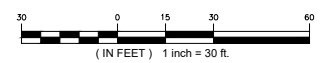
STORMWATER VELOCITY:
PRIOR TO GROUND COVER < 3.0 FT/SEC
FOLLOWING GROUND COVER < 3.0 FT/SEC

STORMWATER VOLUME:
PROPOSED IMPERVIOUS AREA = 3,600 SF
WATER QUALITY STD VOLUME (1") = 300 CF
STORAGE VOLUME (6" DEPTH, 40% VOIDS) = 720 CF

GROUND COVER TO BE ESTABLISHED AS FOLLOWS (U.O.N.)

- WHITE CLOVER @ 0.20#/- SF
- TALL FESCUE @ 0.45#/- SF
- RYEGRASS @ 0.10#/- SF

1 PARTIAL SITE PLAN
SP-2 SCALE: 1" = 30'-0"



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2	03/29/22	CLIENT REVS: RCB
3	07/28/22	MUNI ANTENNA REVS: RCB
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6		

DESIGN PROFESSIONALS OF RECORD

PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385

DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810

HOMELAND TOWERS BROOKFIELD SOUTH

SITE: 60 VALE ROAD
ADDRESS: BROOKFIELD, CT 06804

APT FILING NUMBER: CT2831040

DATE: 03/07/22 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:
PARTIAL SITE PLAN

SHEET NUMBER:
SP-2



HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345



340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960



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BROOKFIELD SOUTH

SITE: 60 VALE ROAD
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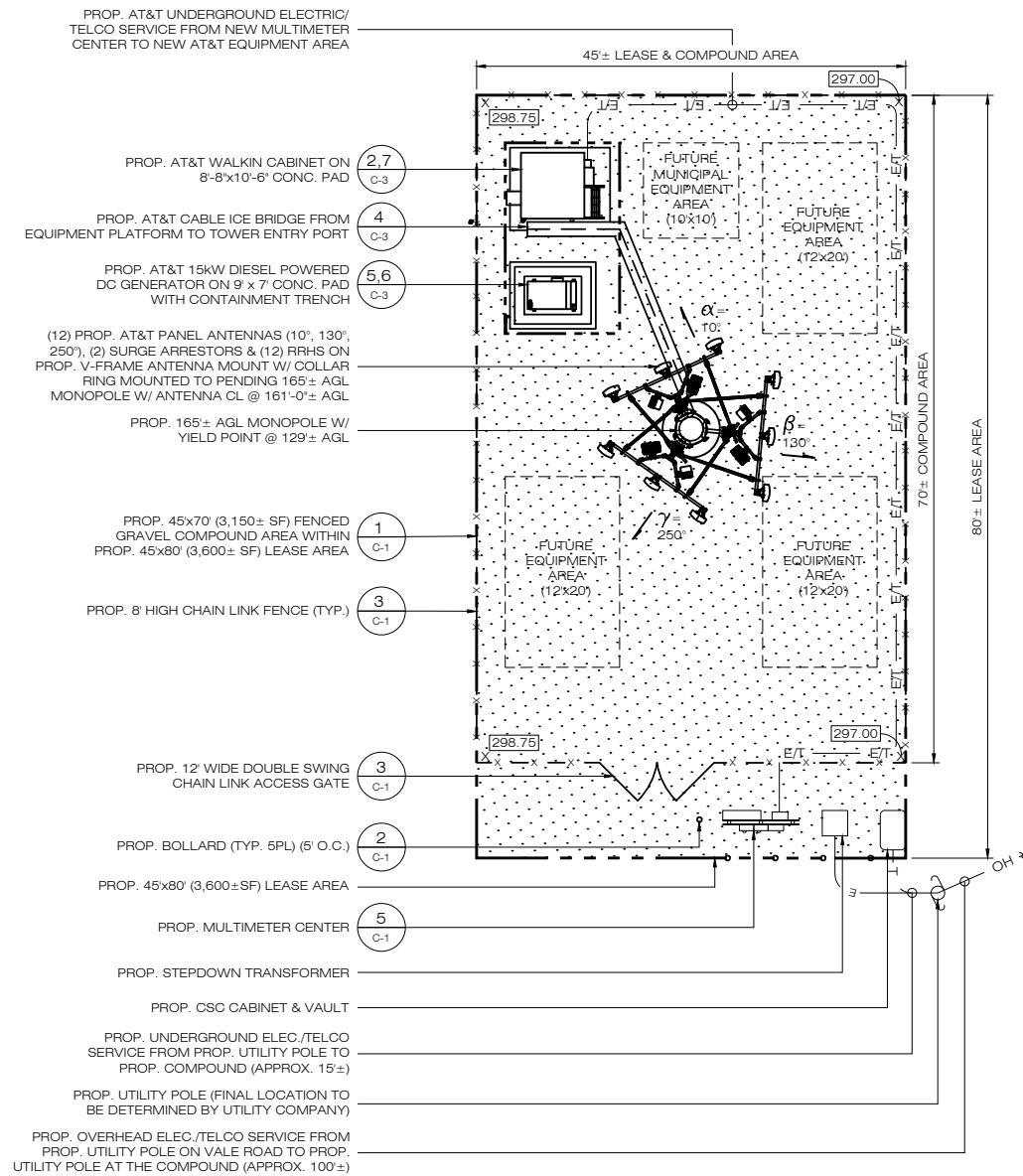
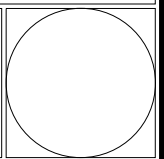
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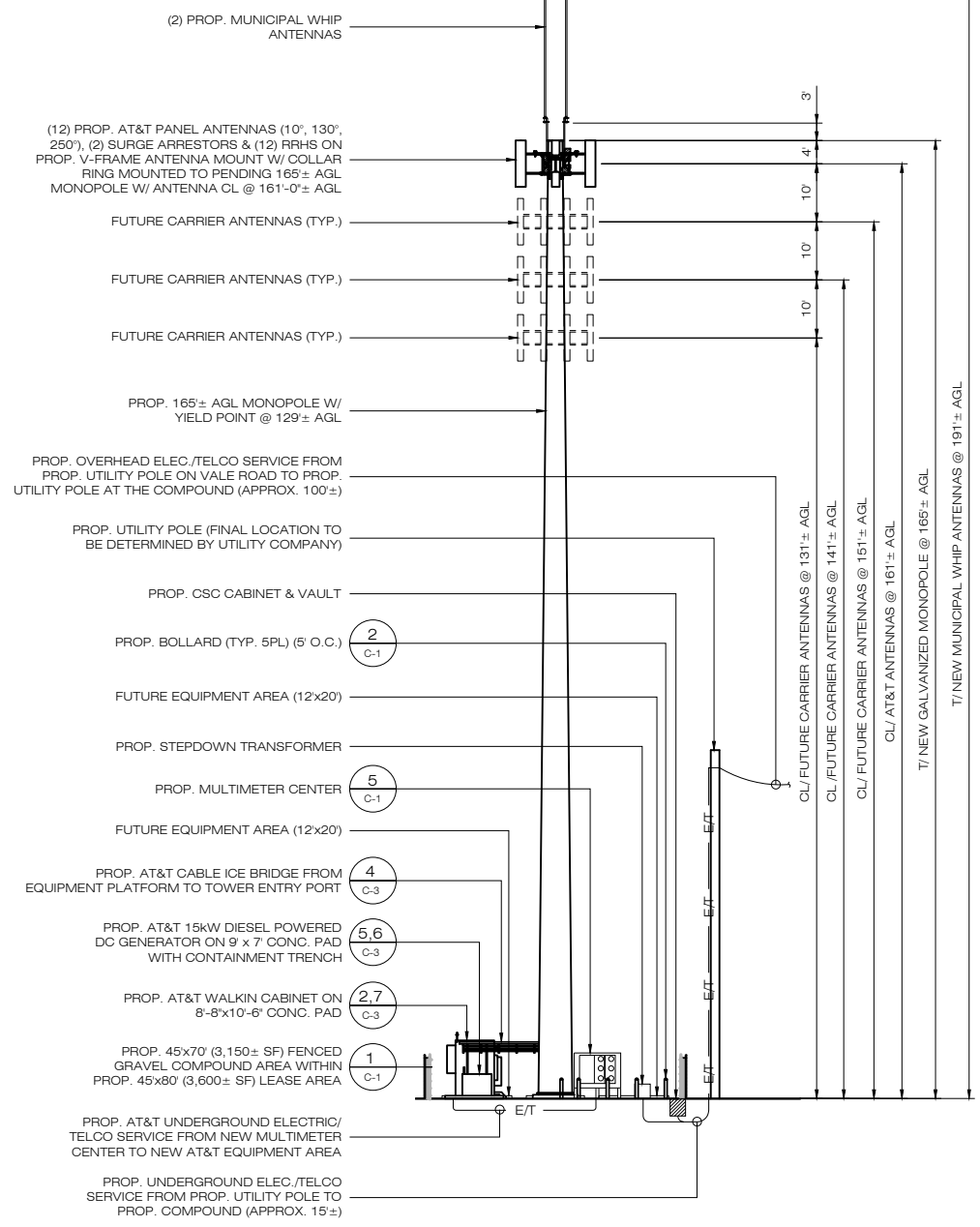
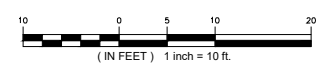
COMPOUND PLAN
AND ELEVATION

SHEET NUMBER:

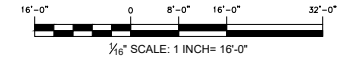
CP-1



1 COMPOUND PLAN
CP-1 SCALE: 1" = 10'-0"

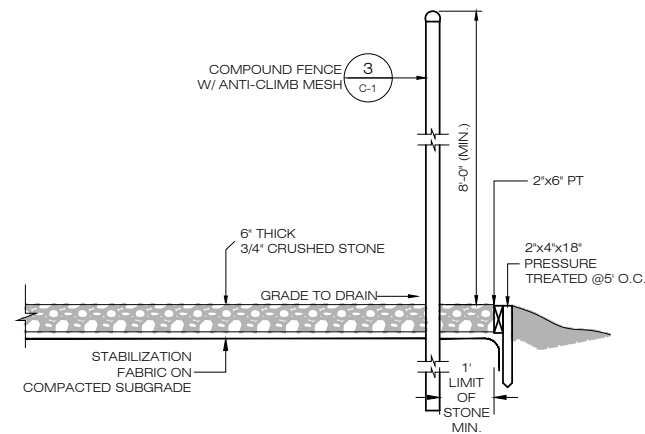


2 SOUTH ELEVATION
CP-1 SCALE: 1/8" = 1'-0"

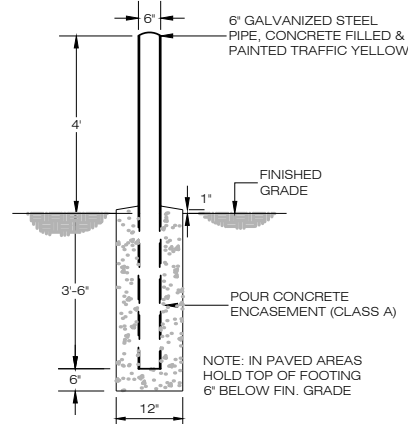


ENGINEERING ANALYSIS AND CERTIFICATION

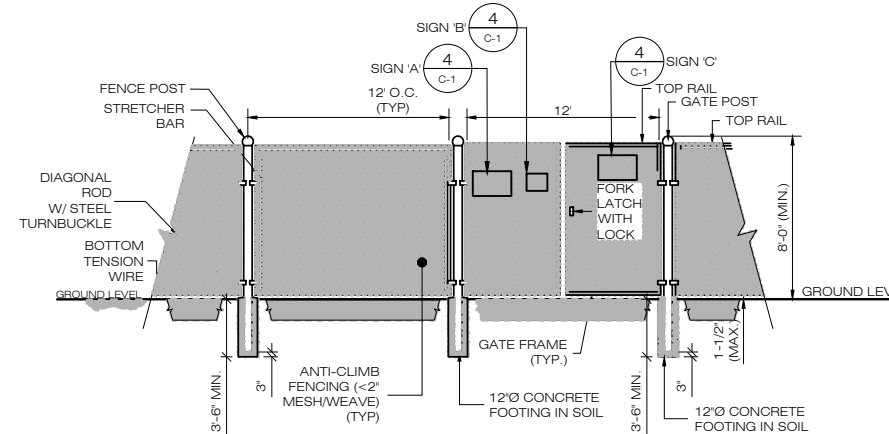
THE SUBJECT TOWER SHALL BE DESIGNED IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE, AS AMENDED BY THE 2018 CONNECTICUT STATE BUILDING CODE, THE TELECOMMUNICATIONS INDUSTRY ASSOCIATION STANDARD TIA-222-H "STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS AND SMALL WIND TURBINE SUPPORT STRUCTURES", UTILIZING AN ULTIMATE DESIGN BASIC WIND SPEED OF 120 MPH (3-SEC GUST), EQUIVALENT TO A NOMINAL BASIC DESIGN WIND SPEED OF 93 MPH (3-SEC GUST).



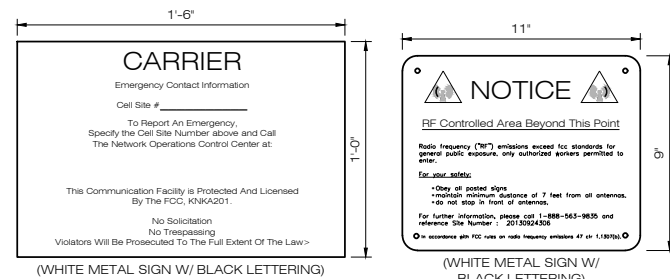
1 COMPOUND DETAIL
C-1 SCALE: N.T.S.



2 BOLLARD DETAIL
C-1 SCALE: N.T.S.



3 CHAIN-LINK FENCING & FENCE GATE DETAIL
C-1 SCALE: N.T.S.



SIGN 'A'

SIGN 'B'



5 UTILITY BACKBOARD FRAME DETAIL
C-1 SCALE: N.T.S.

4 TYPICAL SIGNAGE
C-1 SCALE: N.T.S.

H
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MORRISTOWN, NEW JERSEY 07960

ALL-POINTS
TECHNOLOGY CORPORATION
567 VAUXHALL STREET EXTENSION - SUITE 311
WATERFORD, CT 06385 PHONE: (860)-663-1697
WWW.ALLPOINTSTECH.COM FAX: (860)-663-0935

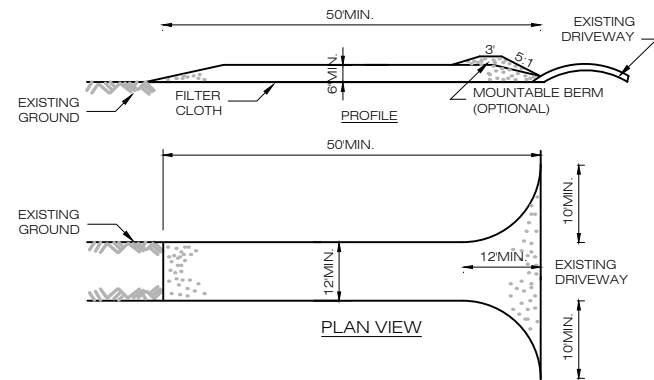
PETITION DOCUMENTS		
NO	DATE	REVISION
0	03/07/22	FOR REVIEW: RCB
1	03/23/22	CLIENT REVS: RCB
2	03/29/22	CLIENT REVS: RCB
3	07/28/22	MUNI ANTENNA REVS: RCB
4		
5		
6		

DESIGN PROFESSIONALS OF RECORD
PROF: ROBERT C. BURNS P.E.
COMP: ALL-POINTS TECHNOLOGY CORPORATION, P.C.
ADD: 567 VAUXHALL STREET EXT. SUITE 311 WATERFORD, CT 06385
DEVELOPER: HOMELAND TOWERS, LLC
ADDRESS: 9 HARMONY STREET 2ND FLOOR DANBURY, CT 06810

HOMELAND TOWERS BROOKFIELD SOUTH
SITE ADDRESS: 60 VALE ROAD BROOKFIELD, CT 06804
APT FILING NUMBER: CT2831040
DATE: 03/07/22 DRAWN BY: CSH
CHECKED BY: RCB

SHEET TITLE:
SITE DETAILS

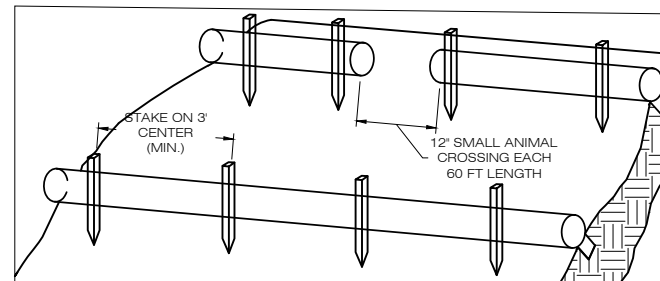
SHEET NUMBER:
C-1



CONSTRUCTION ENTRANCE SPECIFICATIONS:

1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

1 CONSTRUCTION ENTRANCE DETAIL
C-2 SCALE: N.T.S.



1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. SOCKS SHALL BE INSTALLED IN 60 FT CONTINUOUS LENGTHS WITH ADJACENT SOCKS TIGHTLY ABUT. EVERY 60 FT THE SOCK ROW SHALL BE SPACED 12 INCHES CLEAR, END TO END, FOR AMPHIBIAN AND REPTILE TRAVEL. THE OPEN SPACES SHALL BE STAGGERED MID LENGTH OF THE NEXT DOWN GRADIENT SOCK.
3. SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9-1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

2 COMPOST FILTER SOCK SEDIMENTATION CONTROL BARRIER
C-2 SCALE: N.T.S.

H
HOMELAND TOWERS, LLC
9 HARMONY STREET
2nd FLOOR
DANBURY, CT 06810
(203) 297-6345

at&t
340 MOUNT KEMBLE AVENUE
MORRISTOWN, NEW JERSEY 07960

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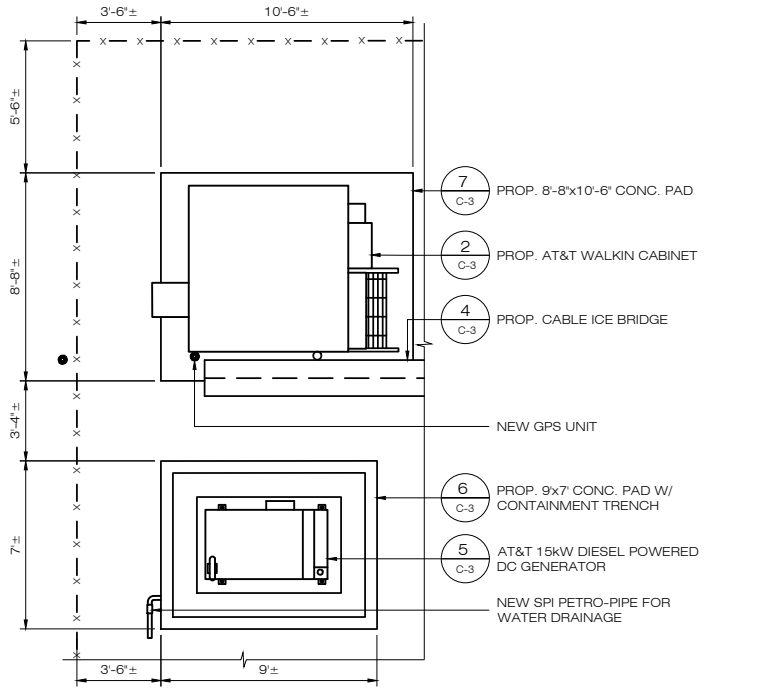
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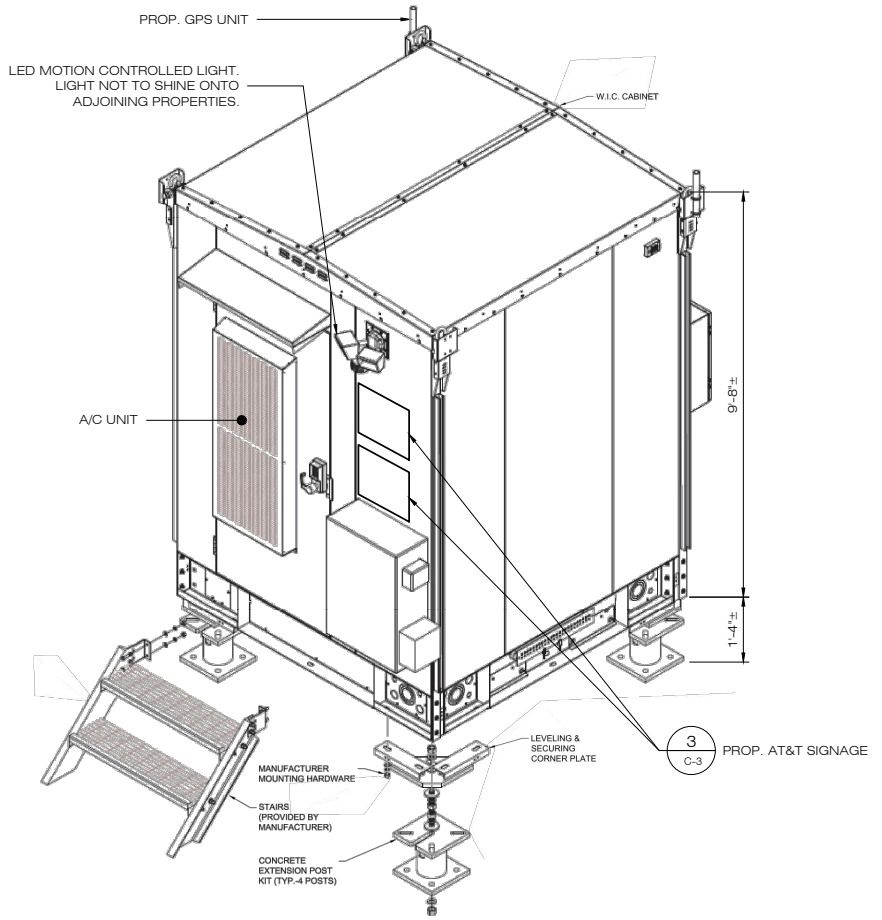
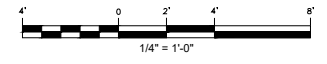
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SHEET TITLE:
EROSION CONTROL DETAILS

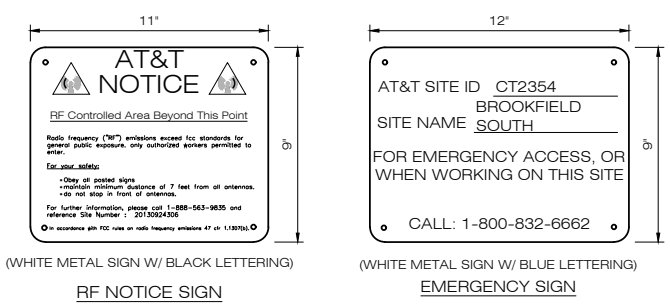
SHEET NUMBER:
C-2



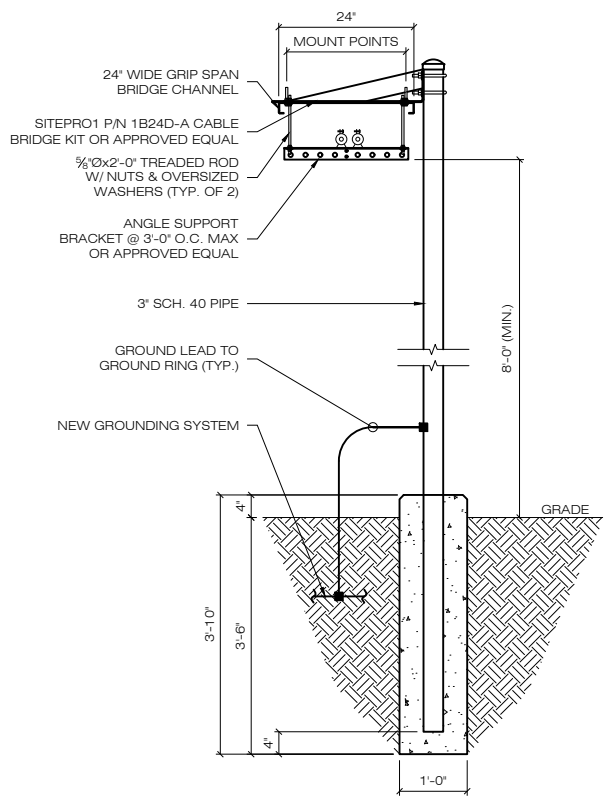
1 AT&T EQUIPMENT AREA
 C-3 SCALE: 1/4" = 1'-0"



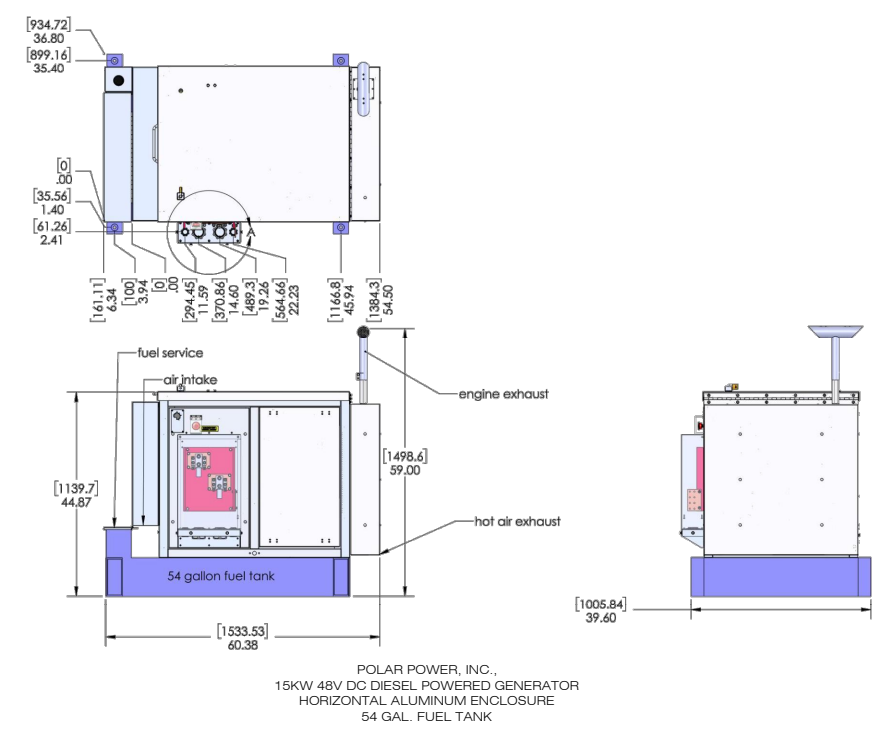
2 AT&T SMARTMOD WALKIN CABINET
 C-3 SCALE: N.T.S.



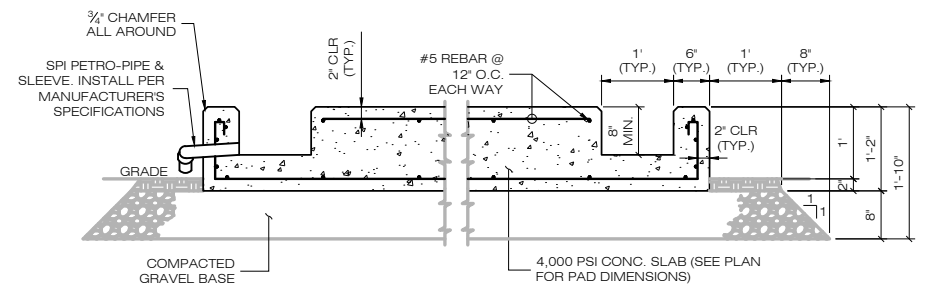
3 TYPICAL SIGNAGE
 C-3 SCALE: N.T.S.



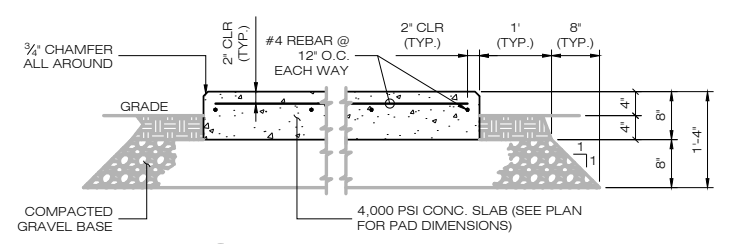
4 CABLE BRIDGE DETAIL
 C-3 SCALE: N.T.S.



5 GENERATOR
 C-3 SCALE: N.T.S.



6 GENERATOR PAD
 C-3 SCALE: N.T.S.



7 EQUIPMENT PAD
 C-3 SCALE: N.T.S.

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SHEET TITLE:
AT&T EQUIPMENT PLAN & DETAILS

SHEET NUMBER:
C-3

Northeast Tower Surveying

140 West Maplemere Road
Williamsville, New York 14221
Northeasttowersurveyingt@aol.com
(716) 548-2894

FAA-1A SURVEY CERTIFICATION

Applicant: Homeland Towers
9 Harmony Street
Danbury, Connecticut 06810

Site Name: Brookfield South

Site ID: CT076

FA Number:

Site Address: 60 Vale Road
Brookfield, Connecticut 06804

Horizontal Datum Source (select all that apply):

Ground Survey GPS Survey NAD 83

Vertical Datum Source (select all that apply):

Ground Survey GPS Survey NAVD 88

Structure Type (select one):

New Tower (Monopole) Existing Tower (_____) Building
 Water Tank Smokestack Other (describe): (_____)

Latitude: N 41°-26'-08.94" NAD83 / 41.435817 NAD83

Longitude: W 73°-23'-57.56" NAD83 / -73.399322 NAD83

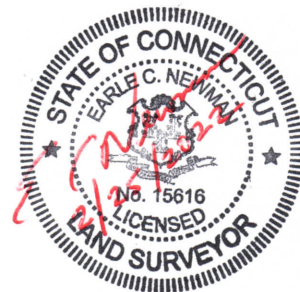
Ground Elevation: 298.00 feet AMSL NAVD88

Structure Height: 463.00 feet AMSL 165.00 feet AGL (Proposed Top of Structure)

Overall Max. Height (with Appurtenances):
463.00 feet AMSL 165.00 feet AGL (Proposed Top of Structure)

CERTIFICATION: I certify that the latitude and longitude are accurate to within +/- 20 feet horizontally and that the ground elevation is accurate to within +/- 3 feet vertically. The horizontal datum (coordinates) are expressed in terms of degrees, minutes, seconds and hundredths of seconds. The vertical datum (heights) are expressed in terms of feet.

Printed Name: Earle C. Newman, L.S.
Surveyor License No: 15616
Company: Northeast Tower Surveying, Inc.
Phone: (716) 548.2894
Date: February 25, 2022



Northeast Tower Surveying Project No.: 21-178

OPINION LETTER

April 5, 2022

FAA & FCC Not Required

Christine Vergati
Homeland Towers, LLC
9 Harmony Street, 2nd Floor
Danbury, CT 06810



RE: **CT076 - Brookfield South, CT Airspace Analysis**
Latitude (NAD-83): 41° 26' 08.94" N
Longitude (NAD-83): 73° 23' 57.56" W
Ground Elevation: 298.0 ft. AMSL
Tower tip height: 191.0 ft. AGL
Overall height: 489.0 ft. AMSL

Dear Ms. Vergati,

Our airspace analysis results for the CT076 - Brookfield South, CT site are as follows:

1. **PER AIRSPACE, filing an FAA Form 7460-1 is not required for the proposed tower height of 191.0 ft. AGL (489.0 ft. AMSL). The maximum allowable height for not filing an FAA Form 7460-1 is 200 ft.**
2. **FCC's TOWAIR Determination indicates that this structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided. The maximum allowable height for not filing an ASR is 200 ft AGL**
3. The proposed site is 5.11 nm NE from the nearest public landing facility – DXR: Danbury Muni. At an overall height of 489.0 ft. AMSL, it does not exceed FAR 77.9 (a) or FAR 77.9 (b) Notice Criteria for DXR airport. This airport has both Circling and Straight-In Instrument approach procedures. It does not exceed any glide slopes of DXR airport. DXR: Danbury Muni is an airport type landing facility associated with the city of Danbury, CT.
4. The proposed site is not within any of the instrument approach procedures of DXR airport.
5. The nearest private landing facility is OCT8: Danbury Hospital, which is a heliport type landing facility not eligible for study under FAR Part 77 sub-Part C. It is 2.77 nm SW from the proposed site.
6. The proposed 191.0 ft. AGL tower would not adversely affect low altitude en route airways and/ or VFR routes in the area.
7. The nearest AM tower is WINE, which is 4.23 mi (6812 meters) away bearing 338.96°. WINE AM is operating a non-directional type antenna system. As noted per the FCC AM Tower Locator and per FCC regulation 13-115, Section 1.30002, the structure will not require a 'Proof of Performance' measurement study before and after construction. The electrical height of the studied antenna is: 66°. Your structure is not within 1 wavelength of this station. The wavelength for this AM station is 319 meters. The critical tower height is 53 meters.
8. Marking and lighting are not required as FAA notification is not required.
9. All Wireless Applications Corp. analyses are based on the latest AIRSPACE, FAA Notice Criteria Tool and FCC TOWAIR programs.

If you have any questions, please do not hesitate to call.

Thank you.

Ronald W. Lageson, Jr.
425-643-5000 (office)
425-649-5675 (fax)

