

BLUE SKY TOWERS II, LLC

SITE NAME: MASHPEE FIRE STATION #2
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

PERMITTING APPROVAL NOTE

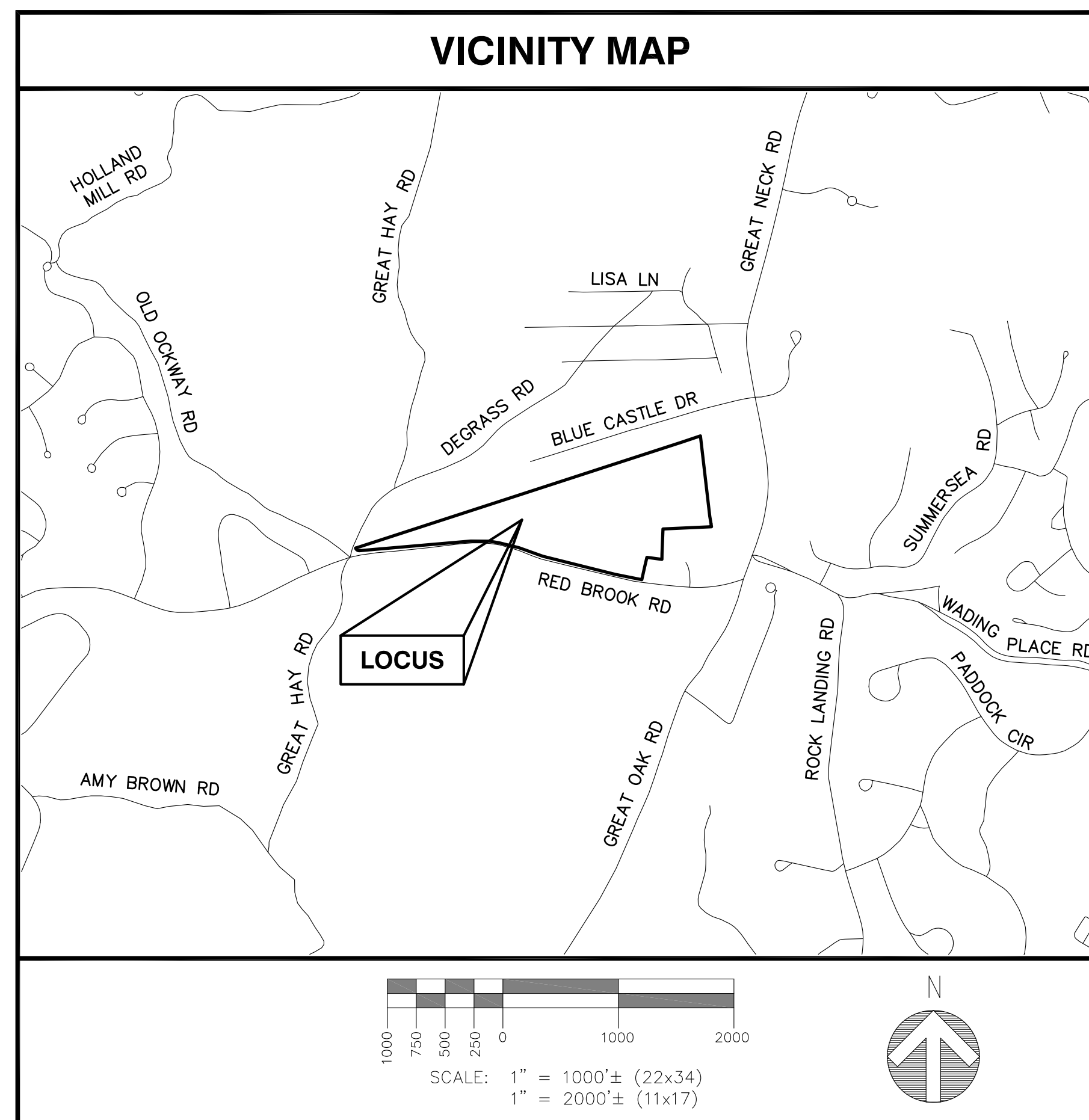
THE PROJECT CONTAINED HEREIN IS SUBJECT TO:

- THE CAPE COD COMMISSION'S, "DEVELOPMENT OF REGIONAL IMPACT DECISION" APPROVED OCTOBER 18, 2018 WITH CONDITIONS.

DRAWING INDEX		
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GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER & APPLICANT REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME. PLANS FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL DIG-SAFE (888) 344-7233 72-HOURS PRIOR TO ANY EXCAVATION.
- THIS SHEET WAS ORIGINALLY PRINTED TO ANSI D (22"x34") WITH 1" MARGINS. PRINTING TO ANSI B (11"x17") WILL RESULT IN A HALF-SCALE (1:2) SHEET SET WITH 1/2" MARGINS. CONFIRM ALL SCALED DISTANCES WITH GRAPHICAL SCALES SHOWN HEREIN.
- NEW CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 BUILDING CODE: MASSACHUSETTS STATE BUILDING CODE (780 CMR) 9TH EDITION (IBC) AND AMENDMENTS
 ELECTRICAL CODE: NEC 2017 WITH MASSACHUSETTS AMENDMENTS (527 CMR 12.00)



TENANT INFORMATION

verizon

SITE NUMBER: 138554
 SITE NAME: NEW SEABURY MA

CELLCO PARTNERSHIP
 d/b/a VERIZON WIRELESS
 118 FLANDERS ROAD
 THIRD FLOOR
 WESTBOROUGH, MA 01581

TENANT INFORMATION

T-Mobile

SITE NUMBER: 4HY0603B

T-MOBILE NORTHEAST, LLC
 15 COMMERCE WAY
 SUITE B
 NORTON, MA 02766
 OFFICE: (508) 286-2700
 FAX: (508) 286-2893

PROJECT INFORMATION

SITE TYPE: RAW LAND WIRELESS COMMUNICATIONS FACILITY

SCOPE OF WORK: PROPOSED 150' TALL MONOPOLE (156' HIGHEST APPURTENANCE) AND 70'x70' FENCED COMPOUND WITHIN 100'x100' LEASE AREA.

SITE NAME: MASHPEE FIRE STATION #2

SITE NUMBER: MA-5112

SITE ADDRESS: 101 RED BROOK ROAD
 MASHPEE, MA 02649

ASSESSOR'S TAX ID#: MAP 104 LOT 2

ZONING DISTRICT(S): RESIDENTIAL DISTRICT (R-3)
 GROUNDWATER PROTECTION OVERLAY DISTRICT

LATITUDE: 41° 35' 02.89"± N (SURVEY 1A)

LONGITUDE: 70° 29' 03.08"± W (SURVEY 1A)

(P) ELEVATION: 28.3'±

DATUM: NAD83/NAVD88

PROPERTY OWNER: N/F TOWN OF MASHPEE
 16 GREAT NECK ROAD NORTH
 MASHPEE, MA 02649

APPLICANT: BLUE SKY TOWERS II, LLC
 352 PARK STREET
 SUITE 106
 NORTH READING, MA 01864

SITE ENGINEER: PROTERRA DESIGN GROUP, LLC
 4 BAY ROAD
 BUILDING A; SUITE 200
 HADLEY, MA 01035
 TEL: (413) 320-4918

SURVEYOR: NORTHEAST SURVEY CONSULTANTS
 116 PLEASANT STREET
 SUITE 302
 EASTHAMPTON, MA 01027
 TEL: (413) 203-5144

PERMITTING REVISED

ProTerra
 DESIGN GROUP, LLC

4 Bay Road
 Building A; Suite 200
 Hadley, MA 01035
 Ph: (413)320-4918

CONSULTANTS:

NO.	DATE	REVISIONS
A	09/27/17	ISSUED FOR REVIEW
B	10/18/17	CCC PRELIM. REVIEW
C	11/17/17	ISSUED FOR REVIEW
D	02/14/18	ISSUED FOR REVIEW
0	04/30/18	ISSUED FOR PERMITTING
1	06/12/18	PERMITTING REVISED
2	10/02/18	PERMITTING REVISED
3	01/08/19	PERMITTING REVISED
4	05/30/19	PERMITTING REVISED
5	07/29/19	PERMITTING REVISED

TITLE: **SITE NAME: MASHPEE FIRE STATION #2**
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT: **BLUE SKY TOWERS II, LLC**
352 PARK STREET
SUITE 106
NORTH READING, MA 01864

STAMP:

DATE: 09/27/17
 DRAWN: BLM/STZ
 CHECK: JMM/TEJ
 SCALE: SEE PLAN
 JOB NO.: 17-063

SHEET TITLE:

TITLE SHEET

T-1

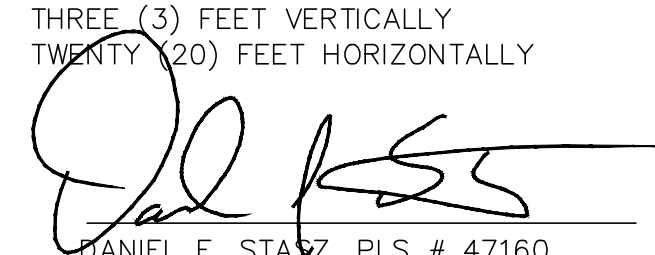
ABUTTERS REFERENCES

- | | | | | |
|---|--|--|--|--|
| 103-3
RUO, JOSEPH S
1182 GREAT HAY RD
MASHPEE, MA 02649 | 104-12
HARRIOT, VICTOR & CHRISTIAN P
3 FOTTLER RD
MATTAPAN, MA 02126-3101 | 104-17
COLLIER, JRILYN O & BYRON, F KAY
129 NORHT HILLCREST BLVD - U#4
INGLEWOOD, CA 90301-5451 | 104-112
HYDE, BRIAN A
7 BRIAN'S LN
MASHPEE, MA 02649 | 110-64
PHELPS, SUSAN R
1200 MASS AVE #6
CAMBRIDGE, MA 02138 |
| 103-4
MICHAELSON, LARAIN & PETER TRUSTEES
MICHAELSON TRUST
120 DEGRASS RD
MASHPEE, MA 02649 | 104-13
BYNOE, JOHN G & LOUISE V
82 HAROLD ST
ROXBURY, MA 02119 | 104-18
STURTEVANT & HOOK INC
236 CONNELL HIGHWAY
NEWPORT, RI 02840 | 104-125
HYDE, BRIAN TRUSTEE
KIRSHARL REALTY TRUST
BRIDGEATER, MA 02324 | 110-71
MASHPEE, TOWN OF
CONSERVATION COMMISSION
16 GREAT NECK ROAD NORTH
MASHPEE, MA 02649 |
| 104-3
ESTRELLA, FRANK M & MIRIAM R
PO BOX 1293
MASHPEE, MA 02649 | 104-14
BCDM LLC
276 BROADWAY
CHELSEA, MA 02150 | 104-102
MASHPEE COMMONS L P
PO BOX 1530
MASHPEE, MA 02649-1530 | 104-128
COUGHLIN, THOMAS & MARSHA
CARRIE C GERMAIN
PO BOX 2215
MASHPEE, MA 02649 | 110-96
RED HORSE LLC
1330 AVENUE OF THE AMERICAS
NEW YORK, NY 10019 |
| 104-4
LEE, STEPHANIE L
4094 FRAGILE SAIL WAY
ELLCOTT CITY, MD 21042 | 104-15
DORSEY, TIMOTHY M & JOANNE
86 BLUE CASTLE DR
MASHPEE, MA 02649 | 104-110
HYDE, BRIAN A & KRISTEN A
7 BRIAN'S LN
MASHPEE, MA 02649 | 110-62
STARUCH, THOMAS & JEAN
PO BOX 1274
MASHPEE, MA 02649 | 110-98
UNITED STATES OF AMERICA
300 WESTGATE CENTER DR
HADLEY, MA 01035 |
| 104-11
DUCO ASSOCIATES INC
1172 BEACON ST - SUITE 202
NEWTON, MA 02461 | 104-16
REED, WAYNE S
92 BLUE CASTLE DR
MASHPEE, MA 02649 | 104-111
HYDE, KRISTEN A TRUSTEE
BRIAN'S LANE REALTY TRUST
7 BRIAN'S LN
MASHPEE, MA 02649 | 110-63
SLIWA, MICHAEL
PO BOX 1461
MASHPEE, MA 02649 | |

FAA 1-A CERTIFICATION

I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATION PRESENTED HEREON MEET THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:

THREE (3) FEET VERTICALLY
TWENTY (20) FEET HORIZONTALLY


 DANIEL F. STASZ, PLS # 47160
 DATE: 5/30/2019

SURVEY NOTES

- SITE DETAIL SHOWN ON THIS SURVEY IS BASED ON FIELD DATA COLLECTED ON AUGUST 30, 2017. THIS SURVEY IS PREPARED IN CONFORMANCE WITH THE PROCEDURES AND REQUIREMENTS FOR DATA ACCUMULATION SURVEYS, AS SET FORTH IN 250 CMR SECTION 6.02. BOUNDARY INFORMATION IS COMPILED FROM RECORD DOCUMENTS AND IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD BOUNDARY SURVEY, AND IS SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.
- THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN BLUE SKY TOWERS II LLC, AND USE OF THIS SURVEY FOR ANY PURPOSE NOT RELATED TO THE DESIGN OF THE INTENDED FACILITY IS STRICTLY PROHIBITED.
- PROPERTY LINES AND BOUNDARY DIMENSIONS SHOWN ON THIS SURVEY ARE BASED ON A COMPILATION OF RECORDED PLANS AND DEEDS AND ARE NOT INTENDED TO REPRESENT DEFINITIVE BOUNDARY LINES OR BE USED FOR THE PURPOSES OF CONVEYANCE. PROPERTY RELATED INFORMATION HAS NOT BEEN CONFIRMED BY FIELD SURVEY OBSERVATIONS AND NO ASSESSMENT OF LAND OCCUPATION HAS BEEN CONDUCTED IN THE PREPARATION OF THIS SURVEY. A PROPERTY LINE RETRACEMENT SURVEY HAS NOT BEEN CONDUCTED.
- THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIP'S, AND THE LINES OF STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.
- PRIMARY GEODETIC SURVEY CONTROL WAS ESTABLISHED FROM AN ON THE GROUND SURVEY USING THE GLOBAL POSITIONING SYSTEM (GPS) ON AUGUST 30, 2017. THE HORIZONTAL REFERENCED DATUM IS THE NAD 83 BASED ON THE GRS 80 REFERENCE ELLIPSOID. THE GRID COORDINATES ARE BASED ON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM OF 1983 CORS96 (MAINLAND 2001). ELEVATIONS SHOWN ARE ASSUMED AND ARE APPROXIMATED TO THE NAVD 88 VERTICAL DATUM. VERTICAL AND HORIZONTAL INFORMATION SHOWN MEETS THE STANDARD CRITERIA FOR AN FAA 1A CERTIFICATION (20'± HORIZONTAL AND 3'± VERTICAL).
- IN THE EVENT THAT BENCHMARKS (TBM'S), ESTABLISHED FOR THIS PROJECT AND PUBLISHED ON THIS SURVEY, ARE DESTROYED, NOT RECOVERABLE OR A DISCREPANCY IS FOUND, THE USER SHOULD NOTIFY THIS FIRM IN WRITING PRIOR TO COMMENCING OR CONTINUING ANY WORK.
- THE LOCUS PARCEL IS SHOWN AS PARCEL 104-2 IN THE TOWN OF MASHPEE TAX ASSESSOR'S DATABASE.
- THE PROJECT AREA IS LOCATED IN FLOOD ZONE "X" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% FLOODPLAIN) AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 25001C 0753 J, DATED JULY 16, 2014.
- THE LOCUS PARCEL AND ALL ABUTTING PARCELS ARE LOCATED WITHIN THE TOWN OF MASHPEE R3 ZONE.
- ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233
- NO WETLAND DELINEATIONS WERE OBSERVED.

PROPERTY OWNER: TOWN OF MASHPEE
 LOCUS DEED REFERENCE: 830-355, 262-34
 PLAN REFERENCES: 476-26, 172-69, 595-87, 595-88, 236-1, 214-87, 487-58, 565-46, 603-43, 654-21

ProTerra
DESIGN GROUP, LLC

4 Bay Road
Building A, Suite 200
Hodley, MA 01035
(413) 320-4918

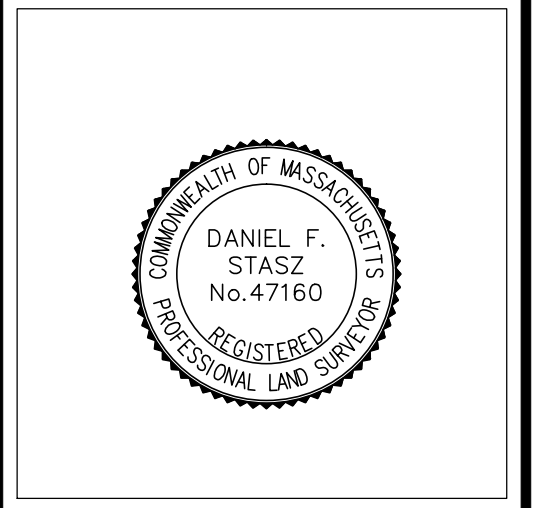
CONSULTANTS:
NORTHEAST SURVEY CONSULTANTS

116 Pleasant St. Ste. 302
P.O. Box 109
Easthampton, MA 01027
(413) 203-5144
northeastsurvey.com

NO.	DATE	REVISIONS
0	10/03/17	ISSUED FOR REVIEW
1	06/11/18	UPDATE NAMES
2	05/30/19	ADD SPOT GRADES ON C-2

SITE NAME: MASHPEE FIRESTATION #2
SITE NUMBER: MA-512
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
 352 PARK STREET
 SUITE 106
 NORTH READING, MA 01864



DATE: 05/30/2019
 DRAWN: CRC
 CHECK: BCF
 SCALE: 1"=200'
 JOB NO.: 17-206
 SHEET TITLE:

ABUTTERS PLAN

C-1

- LEGEND**
- N/F - NOW OR FORMERLY
 - - CONCRETE BOUND FOUND
 - △ - CALCULATED POINT
 - - LOCUS PROPERTY LINE
 - - - - - ABUTTERS PROPERTY LINE

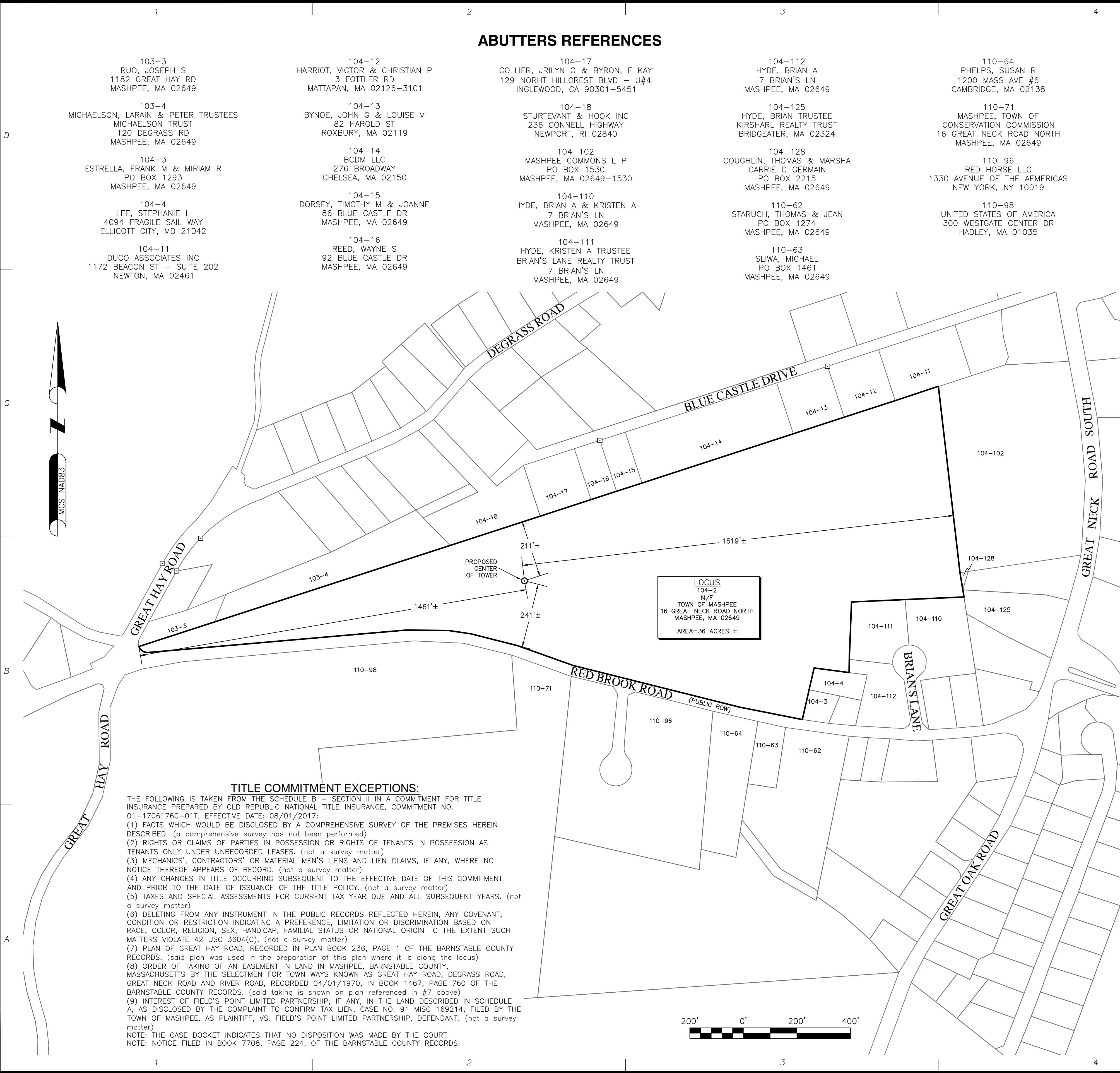
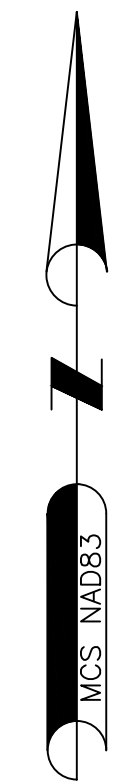
ABUTTERS PLAN
 ANSI D (22"x34") SCALE: 1"=200'
 ANSI A (11"x17") SCALE: 1"=400'

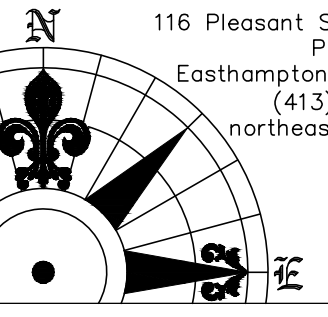
TITLE COMMITMENT EXCEPTIONS:

THE FOLLOWING IS TAKEN FROM THE SCHEDULE B - SECTION II IN A COMMITMENT FOR TITLE INSURANCE PREPARED BY OLD REPUBLIC NATIONAL TITLE INSURANCE, COMMITMENT NO. 01-17061760-01T, EFFECTIVE DATE: 08/01/2017:

- FACTS WHICH WOULD BE DISCLOSED BY A COMPREHENSIVE SURVEY OF THE PREMISES HEREIN DESCRIBED. (a comprehensive survey has not been performed)
- RIGHTS OR CLAIMS OF PARTIES IN POSSESSION OR RIGHTS OF TENANTS IN POSSESSION AS TENANTS ONLY UNDER UNRECORDED LEASES. (not a survey matter)
- MECHANICS', CONTRACTORS' OR MATERIAL MEN'S LIENS AND LIEN CLAIMS, IF ANY, WHERE NO NOTICE THEREOF APPEARS OF RECORD. (not a survey matter)
- ANY CHANGES IN TITLE OCCURRING SUBSEQUENT TO THE EFFECTIVE DATE OF THIS COMMITMENT AND PRIOR TO THE DATE OF ISSUANCE OF THE TITLE POLICY. (not a survey matter)
- TAXES AND SPECIAL ASSESSMENTS FOR CURRENT TAX YEAR DUE AND ALL SUBSEQUENT YEARS. (not a survey matter)
- DELETING FROM ANY INSTRUMENT IN THE PUBLIC RECORDS REFLECTED HEREIN, ANY COVENANT, CONDITION OR RESTRICTION INDICATING A PREFERENCE, LIMITATION OR DISCRIMINATION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS OR NATIONAL ORIGIN TO THE EXTENT SUCH MATTERS VIOLATE 42 USC 3604(f). (not a survey matter)
- PLAN OF GREAT HAY ROAD, RECORDED IN PLAN BOOK 236, PAGE 1 OF THE BARNSTABLE COUNTY RECORDS. (said plan was used in the preparation of this plan where it is along the locus)
- ORDER OF TAKING OF AN EASEMENT IN LAND IN MASHPEE, BARNSTABLE COUNTY, MASSACHUSETTS BY THE SELECTMEN FOR TOWN WAYS KNOWN AS GREAT HAY ROAD, DEGRASS ROAD, GREAT NECK ROAD AND RIVER ROAD, RECORDED 04/01/1970, IN BOOK 1467, PAGE 760 OF THE BARNSTABLE COUNTY RECORDS. (said taking is shown on plan referenced in #7 above)
- INTEREST OF FIELD'S POINT LIMITED PARTNERSHIP, IF ANY, IN THE LAND DESCRIBED IN SCHEDULE A, AS DISCLOSED BY THE COMPLAINT TO CONFIRM TAX LIEN, CASE NO. 91 MISC 169214, FILED BY THE TOWN OF MASHPEE, AS PLAINTIFF, VS. FIELD'S POINT LIMITED PARTNERSHIP, DEFENDANT. (not a survey matter)

NOTE: THE CASE DOCKET INDICATES THAT NO DISPOSITION WAS MADE BY THE COURT.
 NOTE: NOTICE FILED IN BOOK 7708, PAGE 224, OF THE BARNSTABLE COUNTY RECORDS.

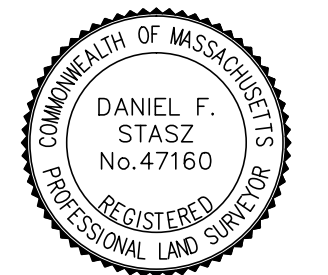




NO.	DATE	REVISIONS
0	10/03/17	ISSUED FOR REVIEW
1	06/11/18	UPDATE NAMES
2	05/30/19	ADD SPOT GRADES

TITLE: SITE NAME: MASHPEE FIRESTATION #2
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

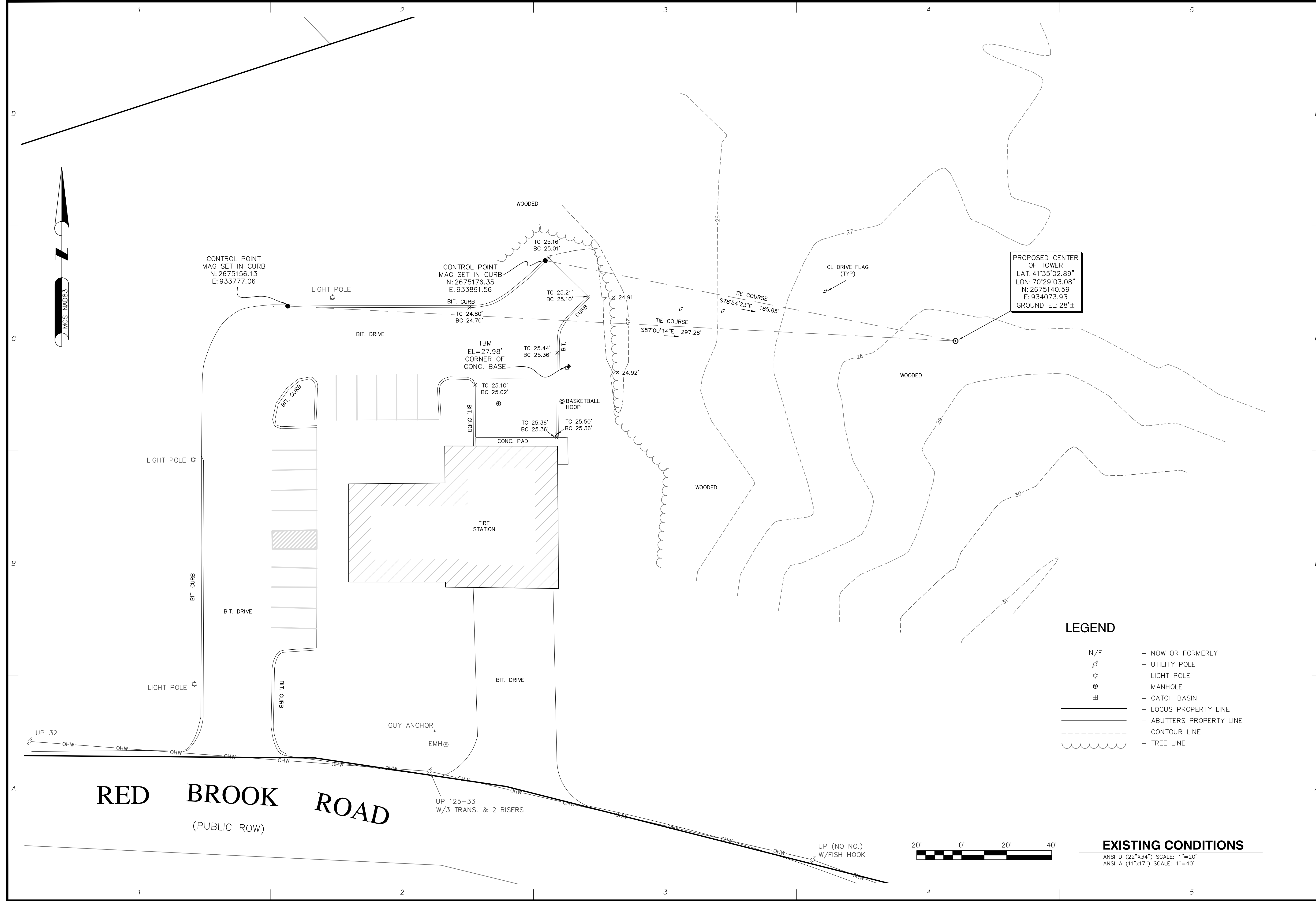
APPLICANT: BLUE SKY TOWERS II, LLC
352 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864



DATE: 05/30/2019
DRAWN: CRC
CHECK: BCF
SCALE: 1"=20"
JOB NO.: 17-206

SHEET TITLE:
EXISTING
CONDITIONS

C-2

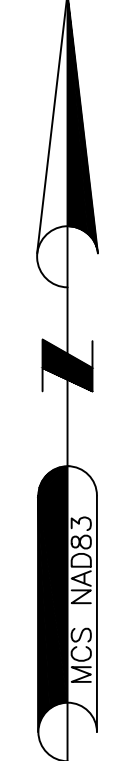


LEGEND

- N/F - NOW OR FORMERLY
- ☉ - UTILITY POLE
- ☆ - LIGHT POLE
- ⊙ - MANHOLE
- ⊞ - CATCH BASIN
- - LOCUS PROPERTY LINE
- - ABUTTERS PROPERTY LINE
- - - - - CONTOUR LINE
- ~~~~~ - TREE LINE

EXISTING CONDITIONS

ANSI D (22"x34") SCALE: 1"=20'
ANSI A (11"x17") SCALE: 1"=40'

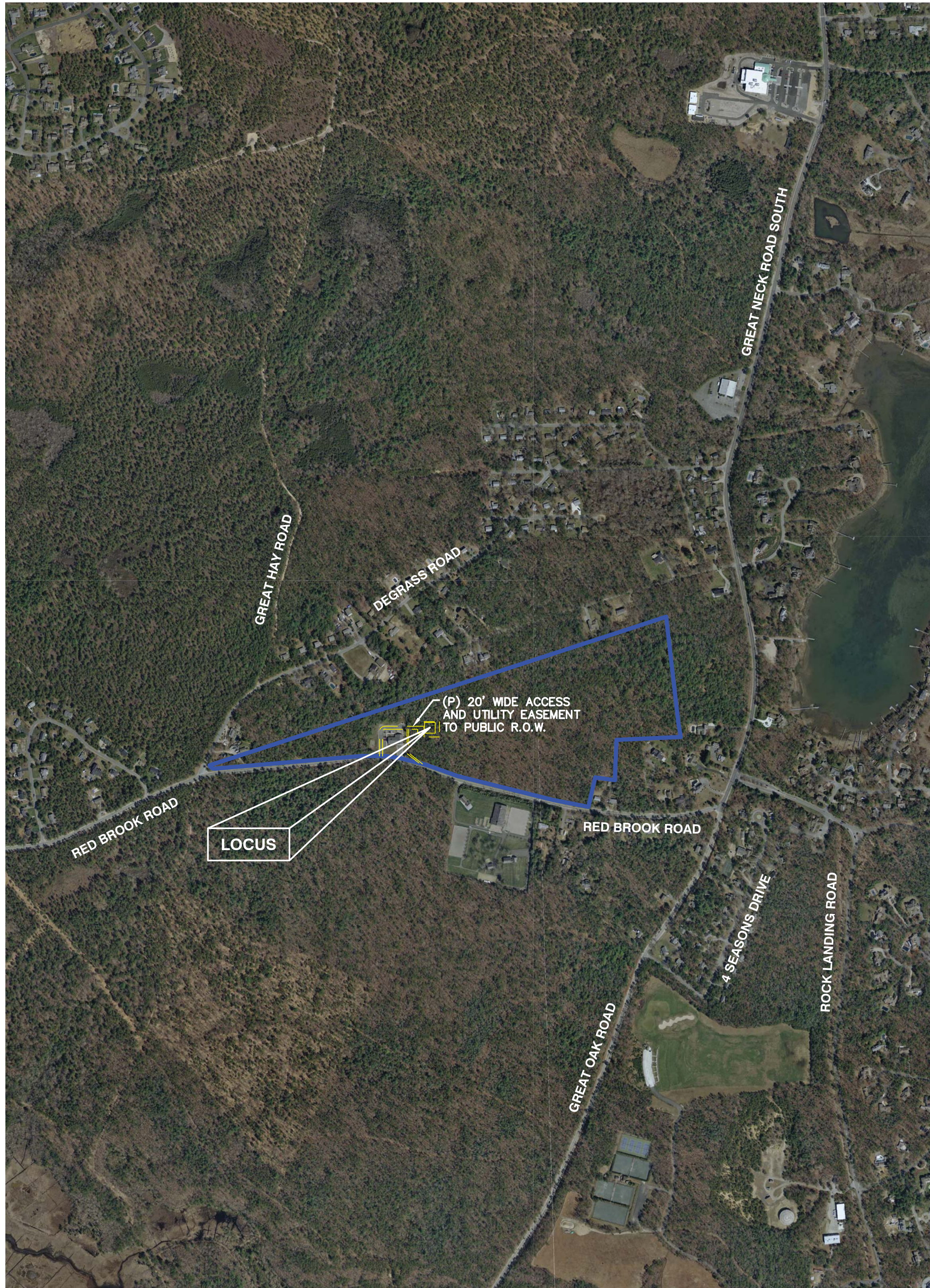


RED BROOK ROAD
(PUBLIC ROW)

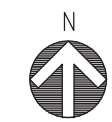
UP (NO NO.)
W/FISH HOOK

UP 125-33
W/3 TRANS. & 2 RISERS

PROPOSED CENTER
OF TOWER
LAT: 41°35'02.89"
LON: 70°29'03.08"
N: 2675140.59
E: 934073.93
GROUND EL: 28'±

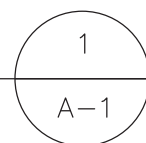


REF: "USGS COLOR ORTHO IMAGERY (2013/2014)" DATALAYER DATED APRIL 2013/2014 PREPARED BY OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS, INFORMATION TECHNOLOGY DIVISION



AERIAL PHOTO

SCALE: 1"=500' (22x34)
1"=1000' (11x17)

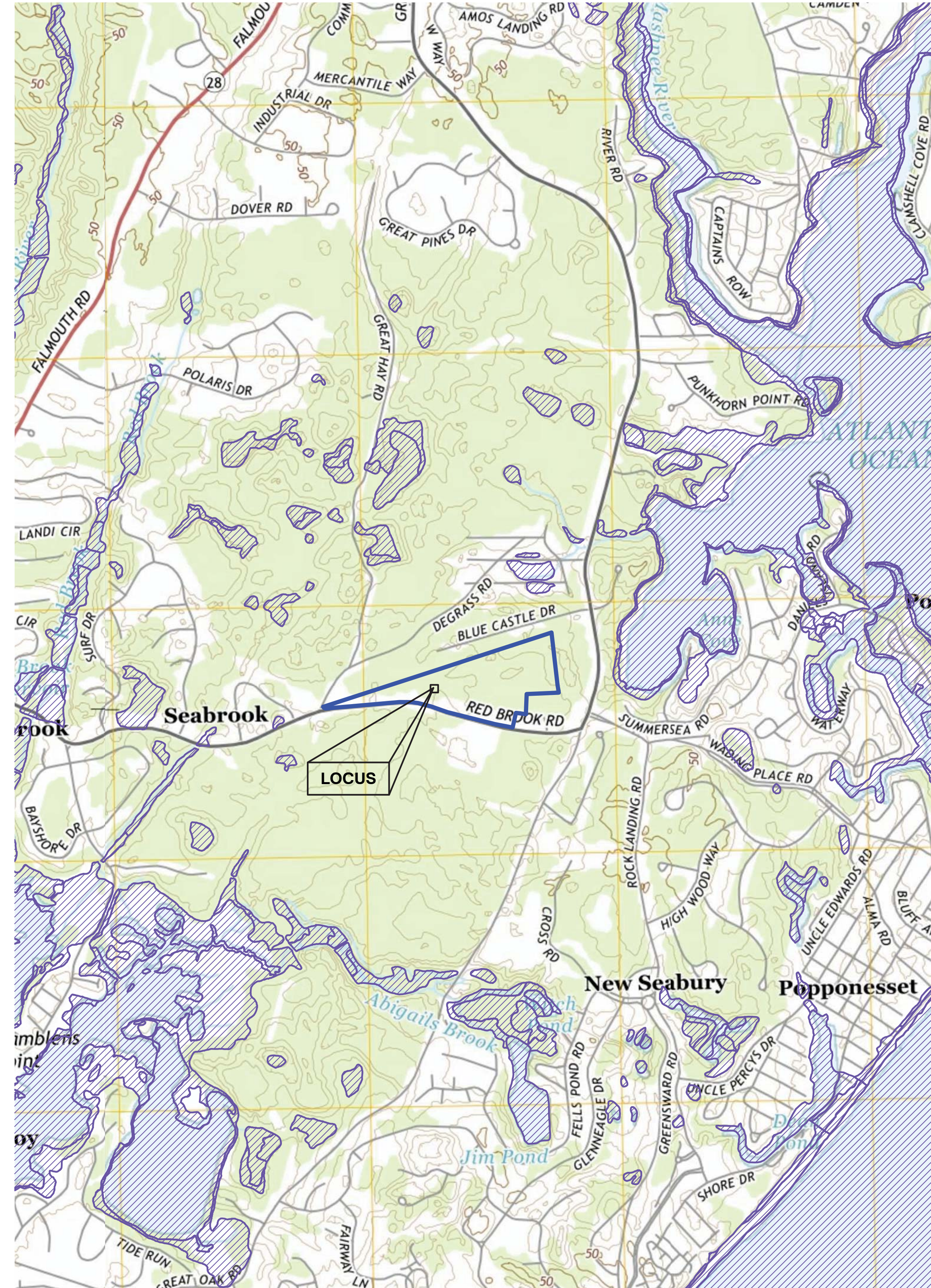
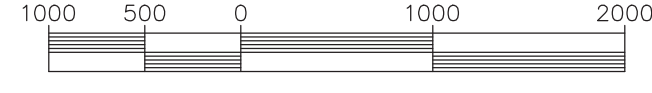
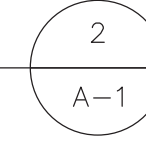


DEP WETLANDS - DATALAYER PREPARED BY OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS, MASSIT (2009)



USGS MAP

SCALE: 1"=1000' (22x34)
1"=2000' (11x17)



REF: COTUI, MA & FALMOUTH, MA QUADRANGLES, PREPARED BY UNITED STATES DEPARTMENT OF THE INTERIOR, U.S. GEOLOGICAL SURVEY, DATED 2015

ProTerra
DESIGN GROUP, LLC

4 Bay Road
Building A, Suite 200
Hodley, MA 01035
Ph: (413)320-4918

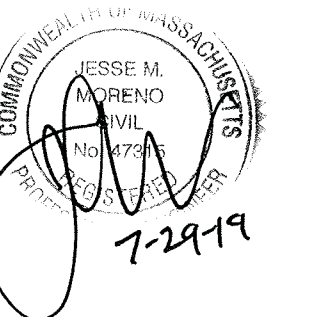
CONSULTANTS:

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E	04/30/18	ISSUED FOR PERMITTING
F	06/12/18	PERMITTING REVISED
G	10/02/18	PERMITTING REVISED
H	01/08/19	PERMITTING REVISED
I	05/30/19	PERMITTING REVISED
J	07/29/19	PERMITTING REVISED

TITLE: **SITE NAME: MASHPEE FIRE STATION #2**
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

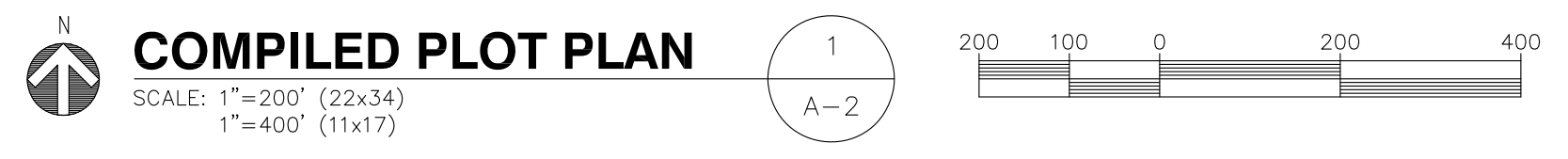
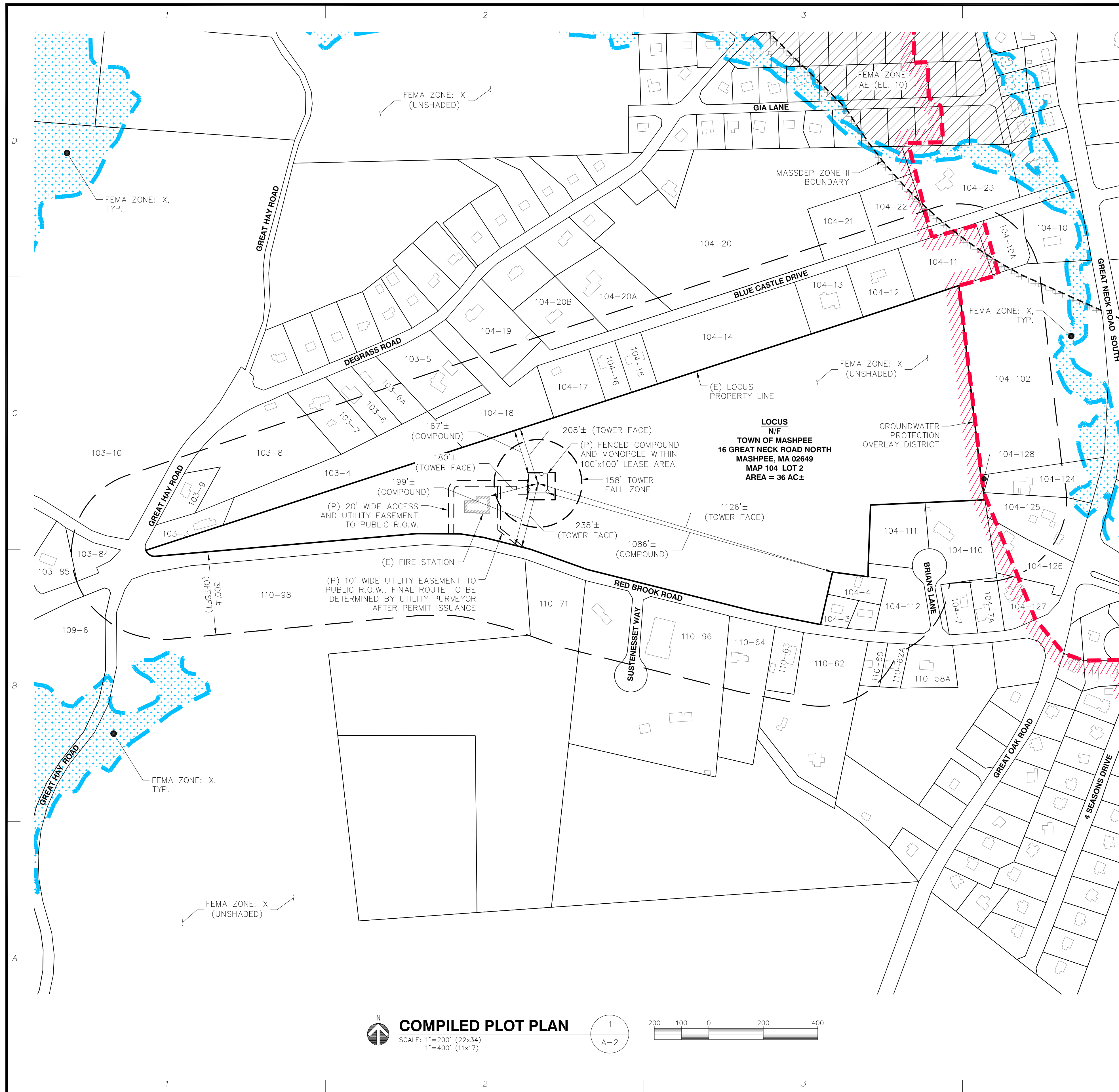


DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:

AERIAL & USGS MAPS

A-1



REFERENCES

PROPERTY LINE, TOPOGRAPHY AND EXISTING FEATURES – SEE SHEETS C-1 & C-2

ZONING DISTRICTS – MAP ENTITLED "ZONING MAP TOWN OF MASHPEE, MA" PREPARED BY THE MASHPEE GIS DEPARTMENT, ZONING AS APPROVED BY TOWN MEETING ON MAY 4, 2015.

THE FOLLOWING DATALAYERS PREPARED BY OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS, MASSIT

- BUILDING STRUCTURES (2-D, FROM ORTHO IMAGERY) (JUNE 2017)
- MASSDEP WELLHEAD PROTECTION AREAS (ZONE II, ZONE I, IWPA) (JUNE 2017)
- FEMA NATIONAL FLOOD HAZARD LAYER

CONFIRMED WITH FLOOD INSURANCE RATE MAP 25001C0753J EFFECTIVE JULY 16, 2014 PREPARED BY FEDERAL EMERGENCY MANAGEMENT AGENCY, US DEPARTMENT OF HOMELAND SECURITY. PROJECT AREA IS WITHIN ZONE X: "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN."

GENERAL NOTES

1. THE TYPE, DIMENSIONS, MOUNTING HARDWARE, AND POSITIONS OF ALL PROJECT OWNER'S EQUIPMENT ARE SHOWN IN ILLUSTRATIVE FASHION. ACTUAL HARDWARE DETAILS AND FINAL LOCATIONS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN.
2. THE PROJECT OWNER'S PCS FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
3. THE DESIGN OF THE TOWER, FOUNDATION AND ANTENNA MOUNTING HARDWARE WILL MEET THE ANSI/EIA/TIA-222-G STANDARDS FOR STRUCTURAL STEEL ANTENNA SUPPORTING STRUCTURES AND STATE BUILDING CODE REQUIREMENTS. DETAILED CONSTRUCTION DRAWINGS AND STRUCTURAL CALCULATIONS WILL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED WITH A BUILDING PERMIT APPLICATION FOR REVIEW AND APPROVAL BY THE LOCAL BUILDING CODE ENFORCEMENT OFFICIAL.
4. ONCE THE FACILITY BECOMES FULLY OPERATIONAL, NORMAL AND ROUTINE MAINTENANCE BY TOWER OWNER'S AND CARRIER'S TECHNICIANS WILL BE PERFORMED. THE ESTIMATED VEHICULAR TRAFFIC GENERATED BY THESE VISITS IS PREDICTED TO BE LESS THAN THE TYPICAL TRAFFIC GENERATED BY A SINGLE-FAMILY DWELLING.

ZONING SUMMARY

ZONING DISTRICT(S): RESIDENTIAL DISTRICT (R-3)
 OVERLAY DISTRICT(S): GROUNDWATER PROTECTION OVERLAY DISTRICT

ASSESSORS ID: MAP 104 LOT 2
 (P) USE: PERSONAL WIRELESS SERVICE FACILITY¹

DIMENSION	PROVIDED	CONSTRAINT
PARCEL – AREA	36 AC±	40,000 SF MIN
PARCEL – FRONTAGE	2,500'±	150' MIN.
PARCEL – LOT COVERAGE	2%±	20% MAX.
(P) COMPOUND – FRONT YARD	199'±	40' MIN.
(P) COMPOUND – SIDE YARD	1086'±	15' MIN.
(P) COMPOUND – REAR YARD	167'±	15' MIN.
(P) COMPOUND – ACCESSORY STRUCTURE HEIGHT	14'±	35' MAX.
(P) MONOPOLE – HEIGHT (HIGHEST APPURTENANCE)	150' (156') ²	10' ABOVE TREE CANOPY 10'+60'=70'
(P) MONOPOLE – DISTANCE TO PROPERTY LINE	208'±	156' MIN. (100% HEIGHT)

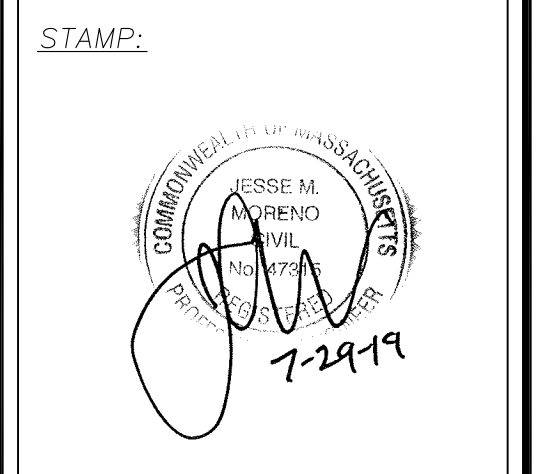
- 1 – ALLOWED USE BY "SPECIAL PERMIT" PER ZONING BYLAWS OF THE TOWN OF MASHPEE 2016, §174-25: TABLE OF USE REGULATIONS
- SPECIAL CONSIDERATIONS MAY BE REQUIRED FOR THE FOLLOWING:
 - 2 – ZONING BYLAWS OF THE TOWN OF MASHPEE 2017, §174-45.3.E.1: "HEIGHT, GENERAL – REGARDLESS OF THE TYPE OF MOUNT, PERSONAL WIRELESS SERVICE FACILITIES SHALL BE NO HIGHER THAN TEN (10') FEET ABOVE THE AVERAGE HEIGHT OF BUILDINGS WITHIN THREE HUNDRED (300') FEET OF THE PROPOSED FACILITY..." & ZONING BYLAWS OF THE TOWN OF MASHPEE 2017, §174-45.3.E.2: "HEIGHT, GROUND-MOUNTED FACILITIES – ... OR, IF THERE ARE NO BUILDINGS WITHIN THREE HUNDRED (300') FEET, THESE FACILITIES SHALL NOT PROJECT HIGHER THAN TEN (10') FEET ABOVE THE AVERAGE TREE CANOPY HEIGHT, MEASURED FROM GROUND LEVEL (AGL)."

CONSULTANTS:

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3	01/08/19	PERMITTING REVISED
4	05/30/19	PERMITTING REVISED
5	07/29/19	PERMITTING REVISED

TITLE: SITE NAME: MASHPEE FIRE STATION #2
 SITE NUMBER: MA-5112
 ADDRESS: 101 RED BROOK ROAD
 MASHPEE, MA 02649

APPLICANT:
 BLUE SKY TOWERS II, LLC
 362 PARK STREET
 SUITE 106
 TOWERS II, LLC NORTH READING, MA 01864



DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:
COMPILED PLOT PLAN
A-2

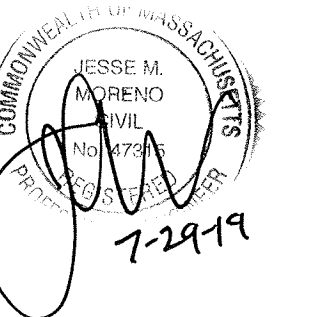
CONSULTANTS:

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4	05/30/19	PERMITTING REVISED
5	07/29/19	PERMITTING REVISED

TITLE: **SITE NAME: MASHPEE FIRE STATION #2**
SITE NUMBER: MA-512
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:



DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

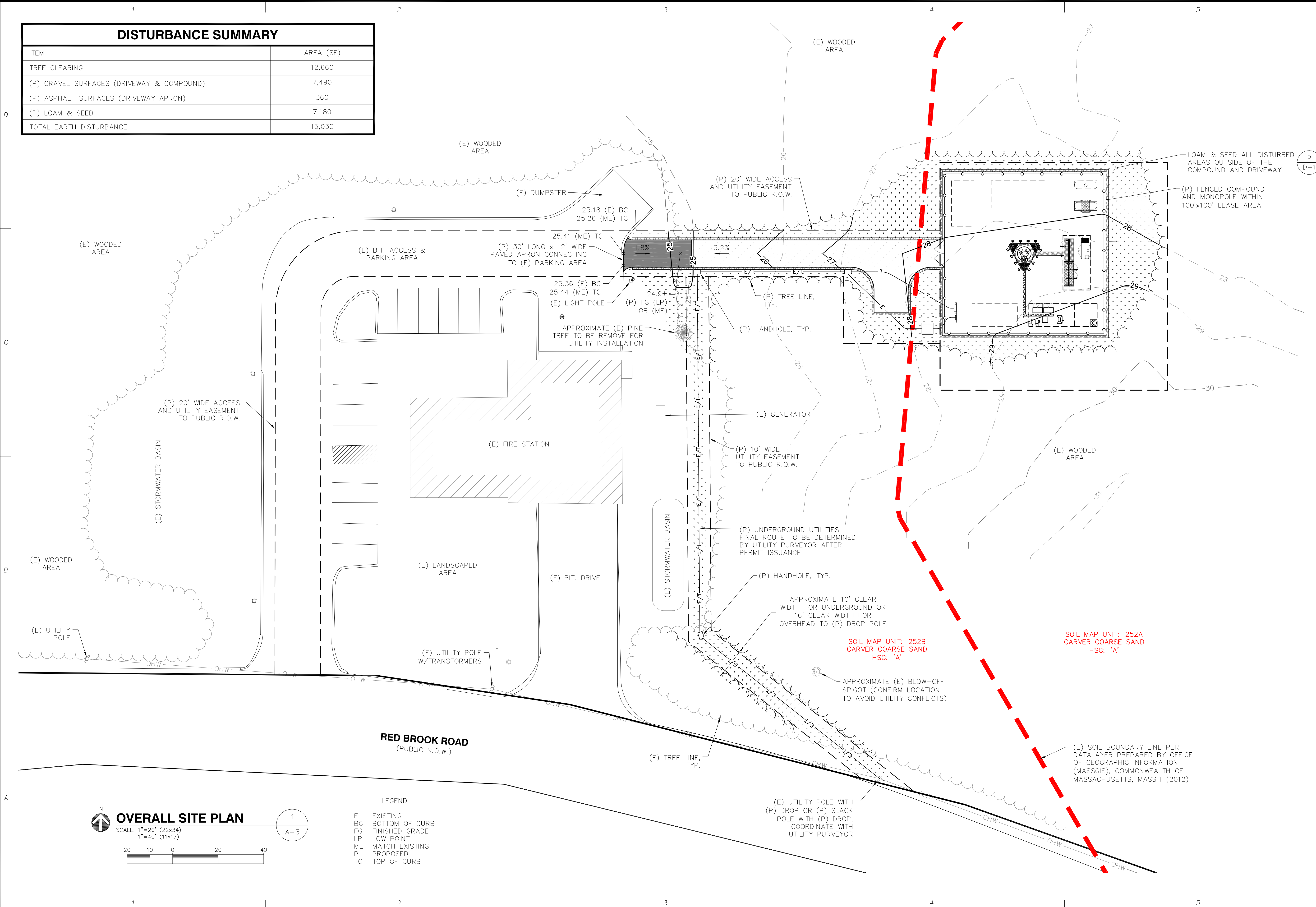
SHEET TITLE:

OVERALL
SITE PLAN

A-3

DISTURBANCE SUMMARY

ITEM	AREA (SF)
TREE CLEARING	12,660
(P) GRAVEL SURFACES (DRIVEWAY & COMPOUND)	7,490
(P) ASPHALT SURFACES (DRIVEWAY APRON)	360
(P) LOAM & SEED	7,180
TOTAL EARTH DISTURBANCE	15,030



LEGEND

- E EXISTING
- BC BOTTOM OF CURB
- FG FINISHED GRADE
- LP LOW POINT
- ME MATCH EXISTING
- P PROPOSED
- TC TOP OF CURB

OVERALL SITE PLAN

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



1
A-3

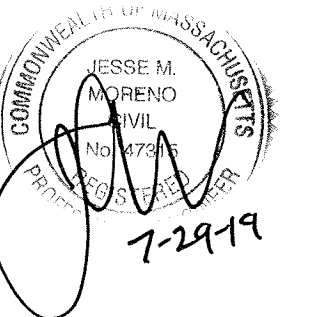
CONSULTANTS:

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SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

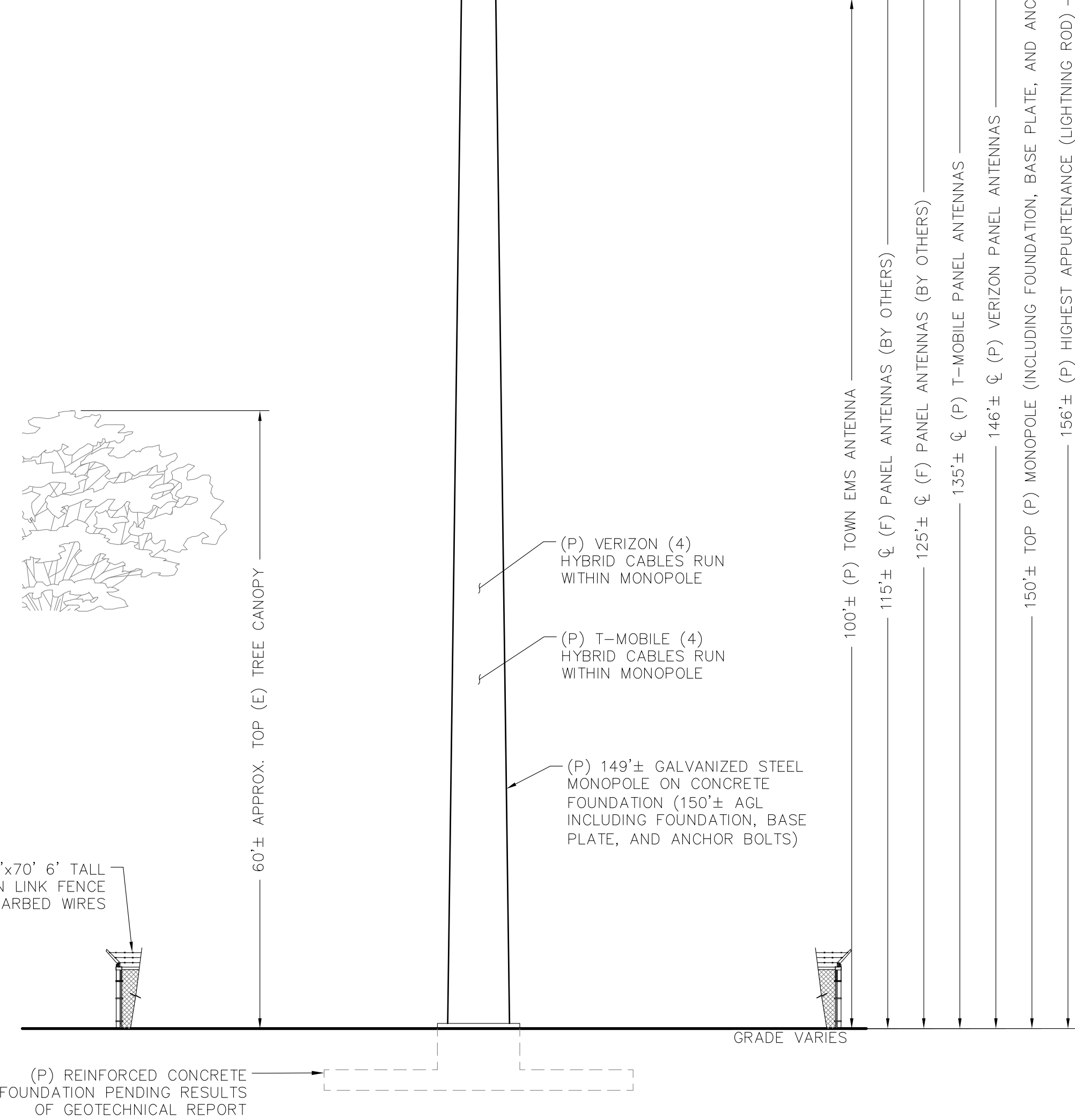
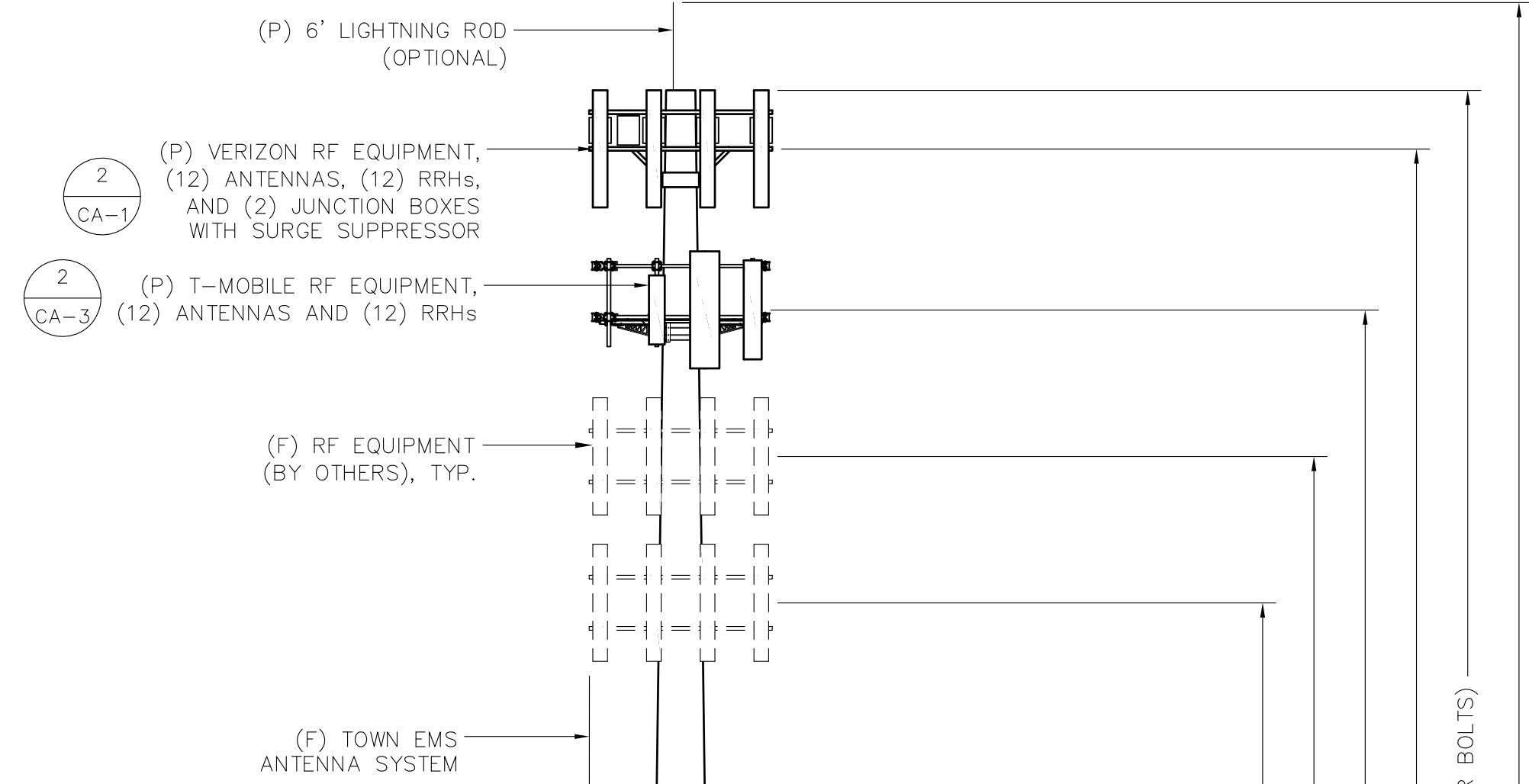
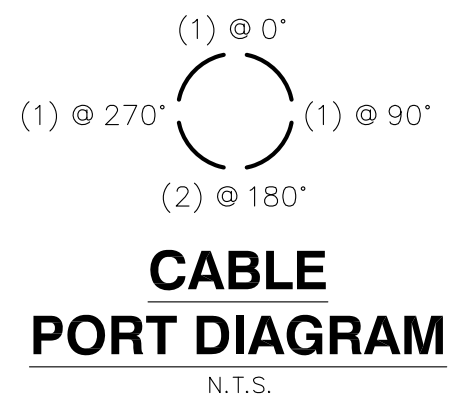


DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:

COMPOUND PLAN
& ELEVATION

A-4



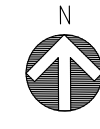
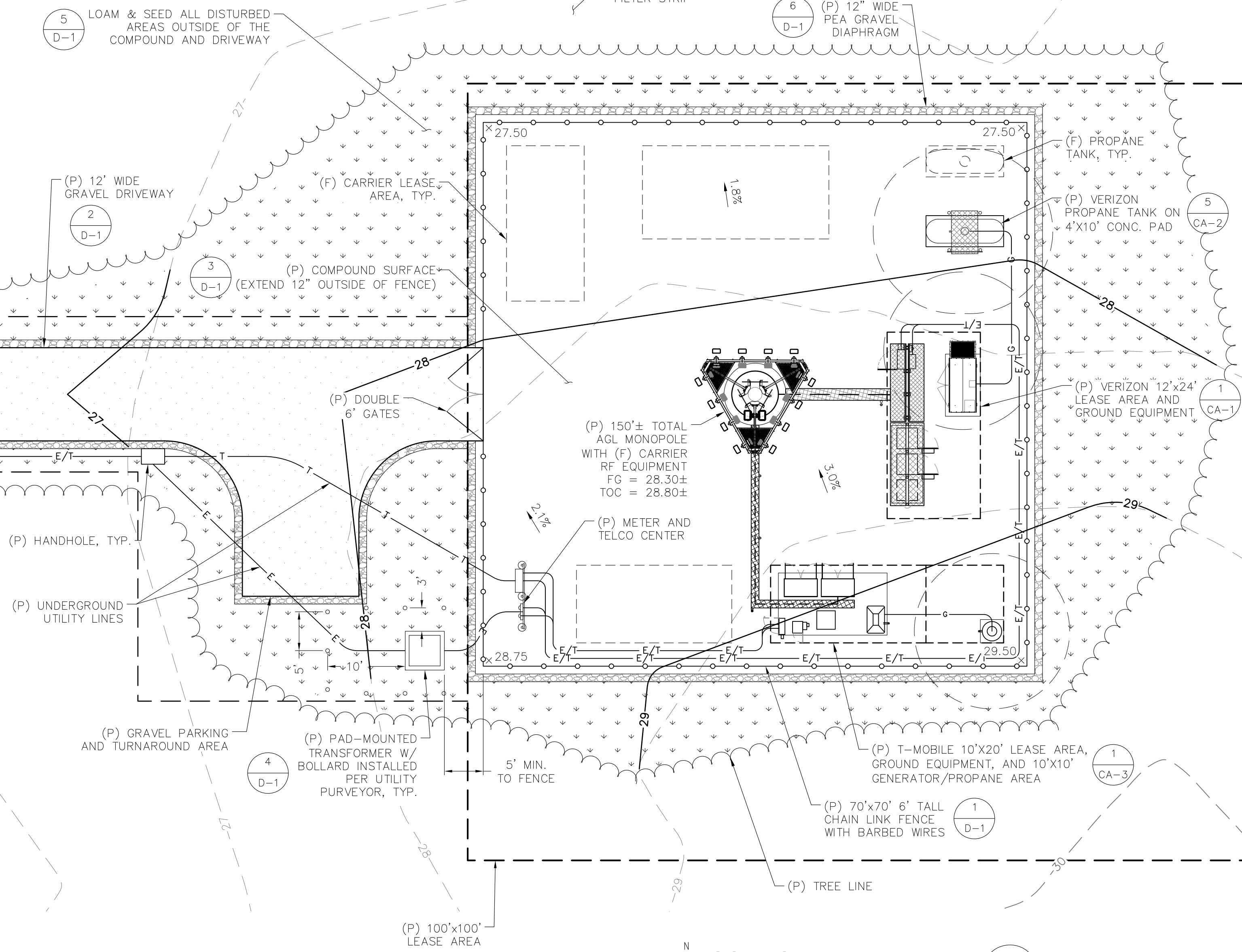
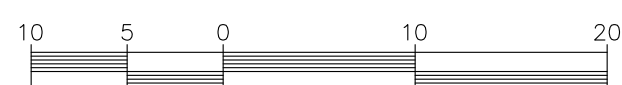
SOUTH ELEVATION

SCALE: 1"=10' (22x34)
1"=20' (11x17)



COMPOUND PLAN

SCALE: 1"=10' (22x34)
1"=20' (11x17)



1
A-4

CONSULTANTS:

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TITLE: **SITE NAME: MASHPEE FIRE STATION #2**
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

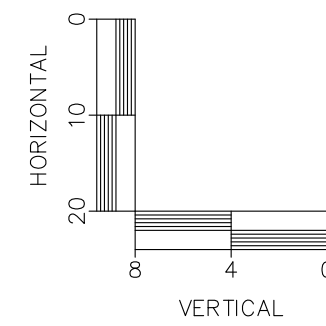
DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:
SITING ELEVATIONS

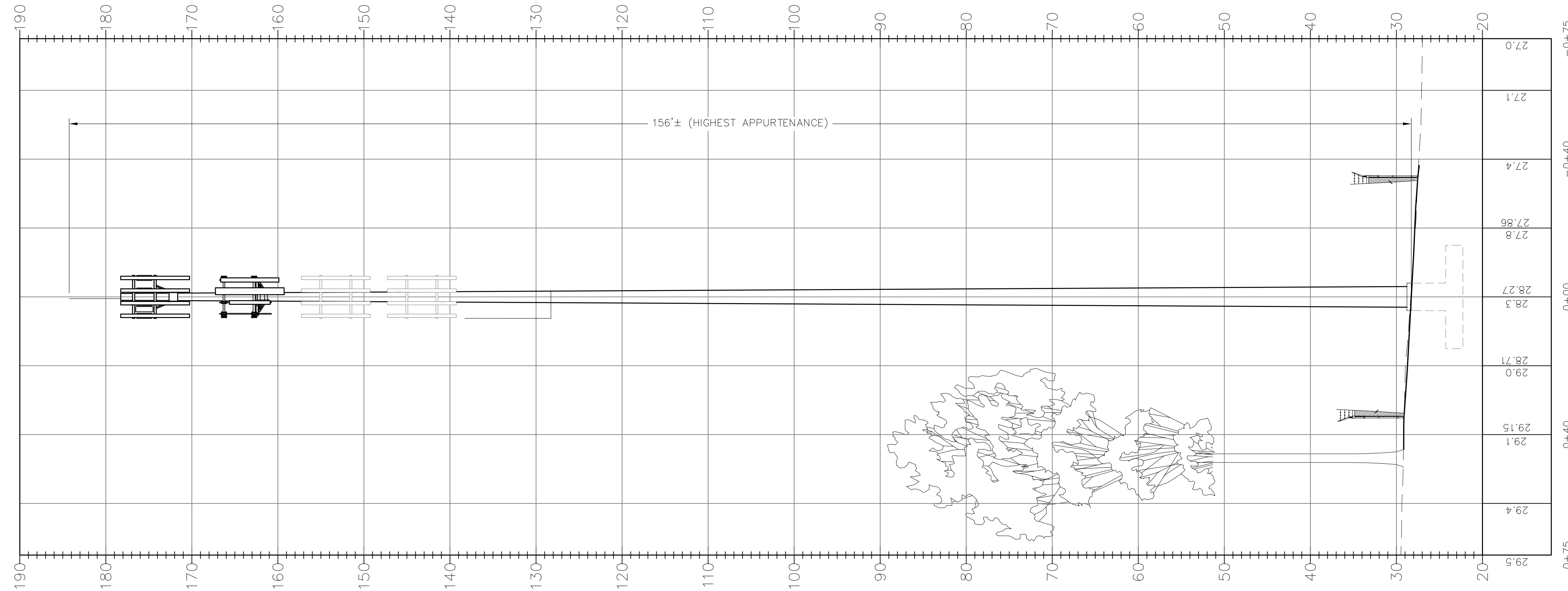
SE-1

EAST TOWER PROFILE

SCALE (22x34): 1"=20' HORIZONTAL
1"=8' VERTICAL
SCALE (11x17): 1"=40' HORIZONTAL
1"=16' VERTICAL

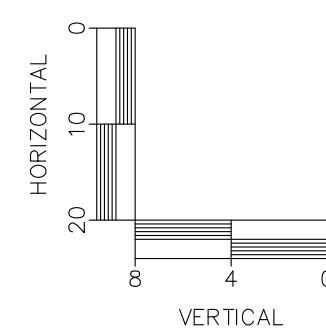


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SE-1

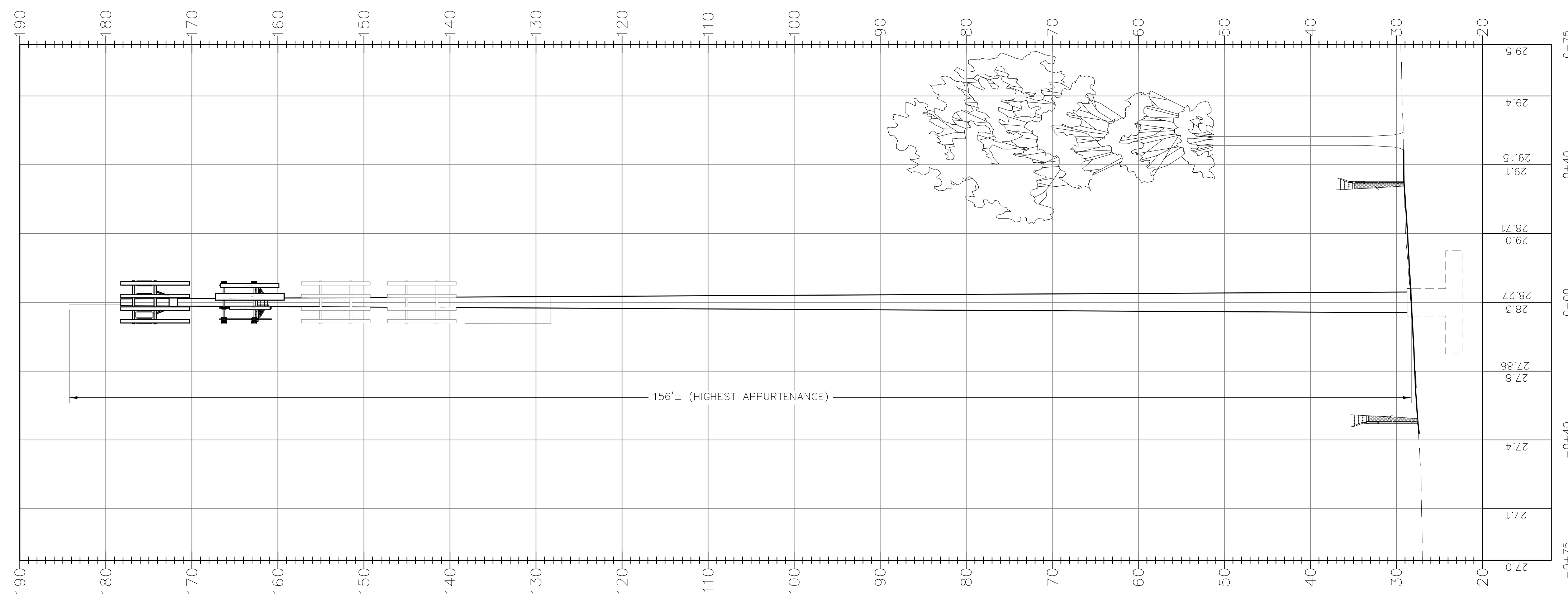


WEST TOWER PROFILE

SCALE (22x34): 1"=20' HORIZONTAL
1"=8' VERTICAL
SCALE (11x17): 1"=40' HORIZONTAL
1"=16' VERTICAL



2
SE-1



CONSULTANTS:

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ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

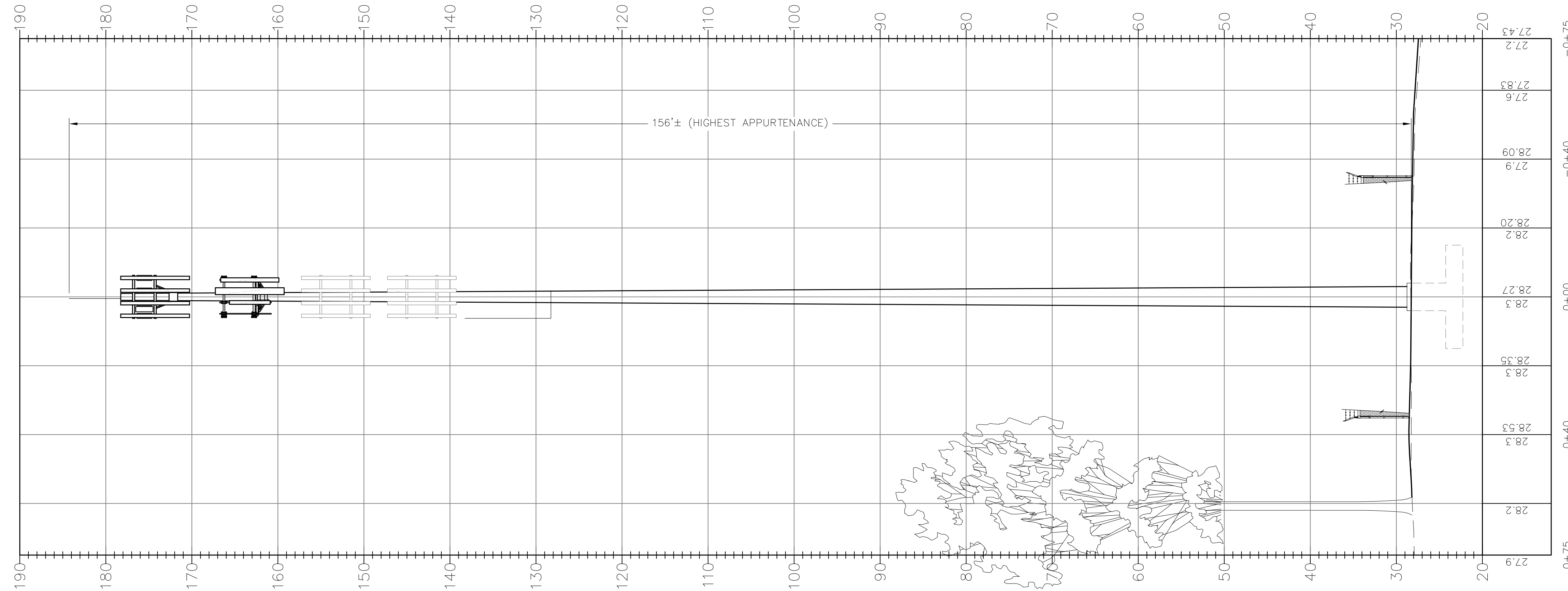
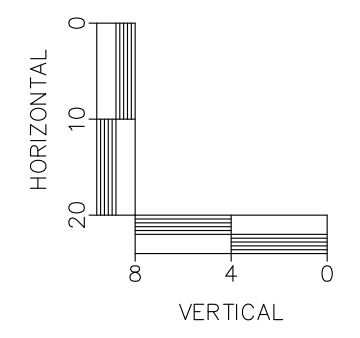
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CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

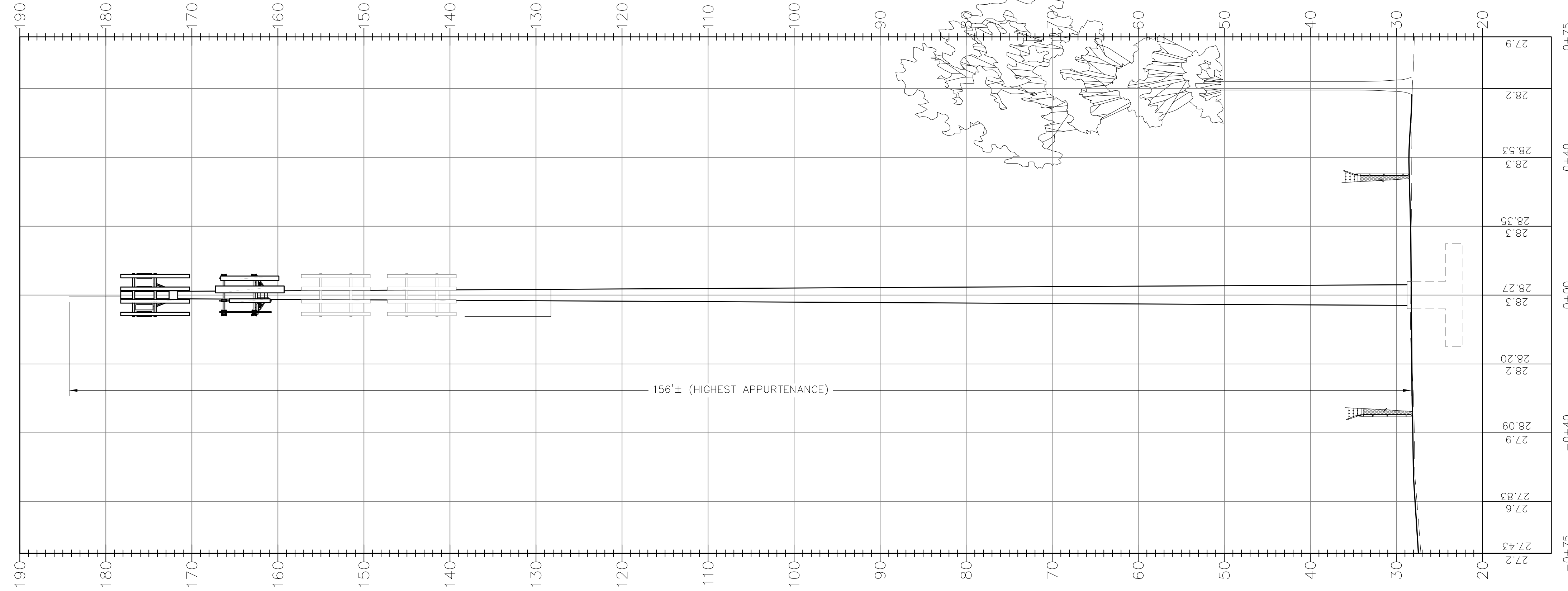
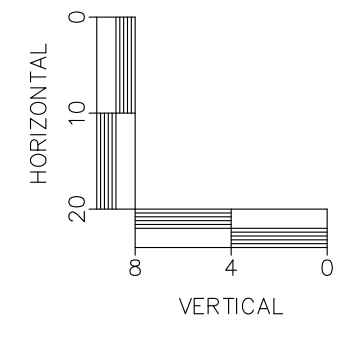
SHEET TITLE:
**SITING
ELEVATIONS**

SE-2

**NORTH
TOWER PROFILE** 1
SCALE (22x34): 1"=20' HORIZONTAL
1"=8' VERTICAL
SCALE (11x17): 1"=40' HORIZONTAL
1"=16' VERTICAL



**SOUTH
TOWER PROFILE** 2
SCALE (22x34): 1"=20' HORIZONTAL
1"=8' VERTICAL
SCALE (11x17): 1"=40' HORIZONTAL
1"=16' VERTICAL



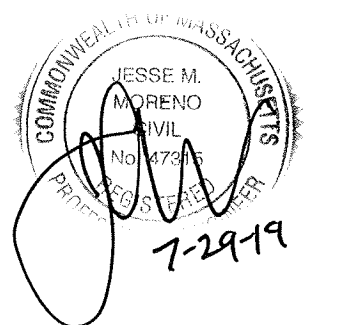
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TITLE: **SITE NAME: MASHPEE FIRE STATION #2**
SITE NUMBER: MA-512
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
BLUE SKY TOWERS II, LLC
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

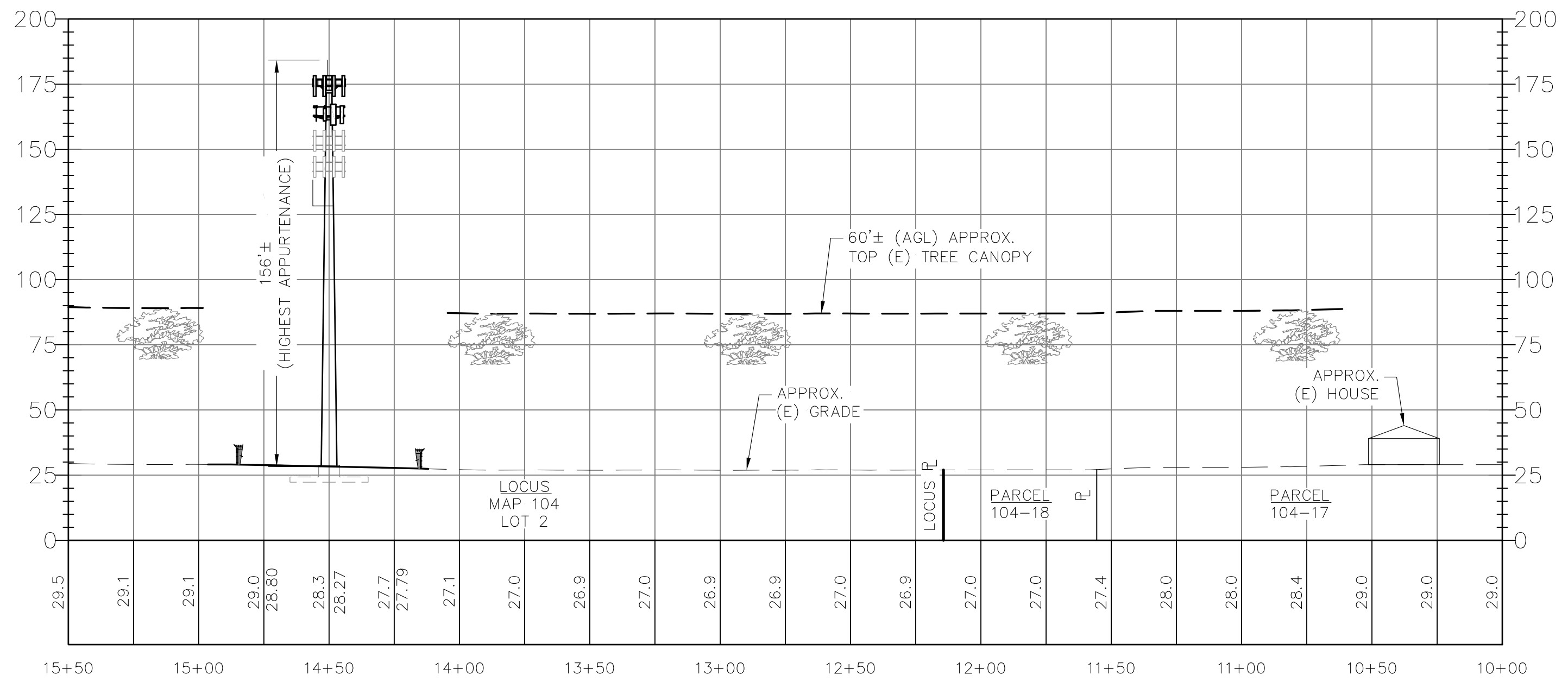


DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:

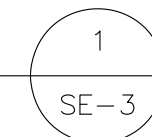
SIGHT LINE
PROFILES

SE-3



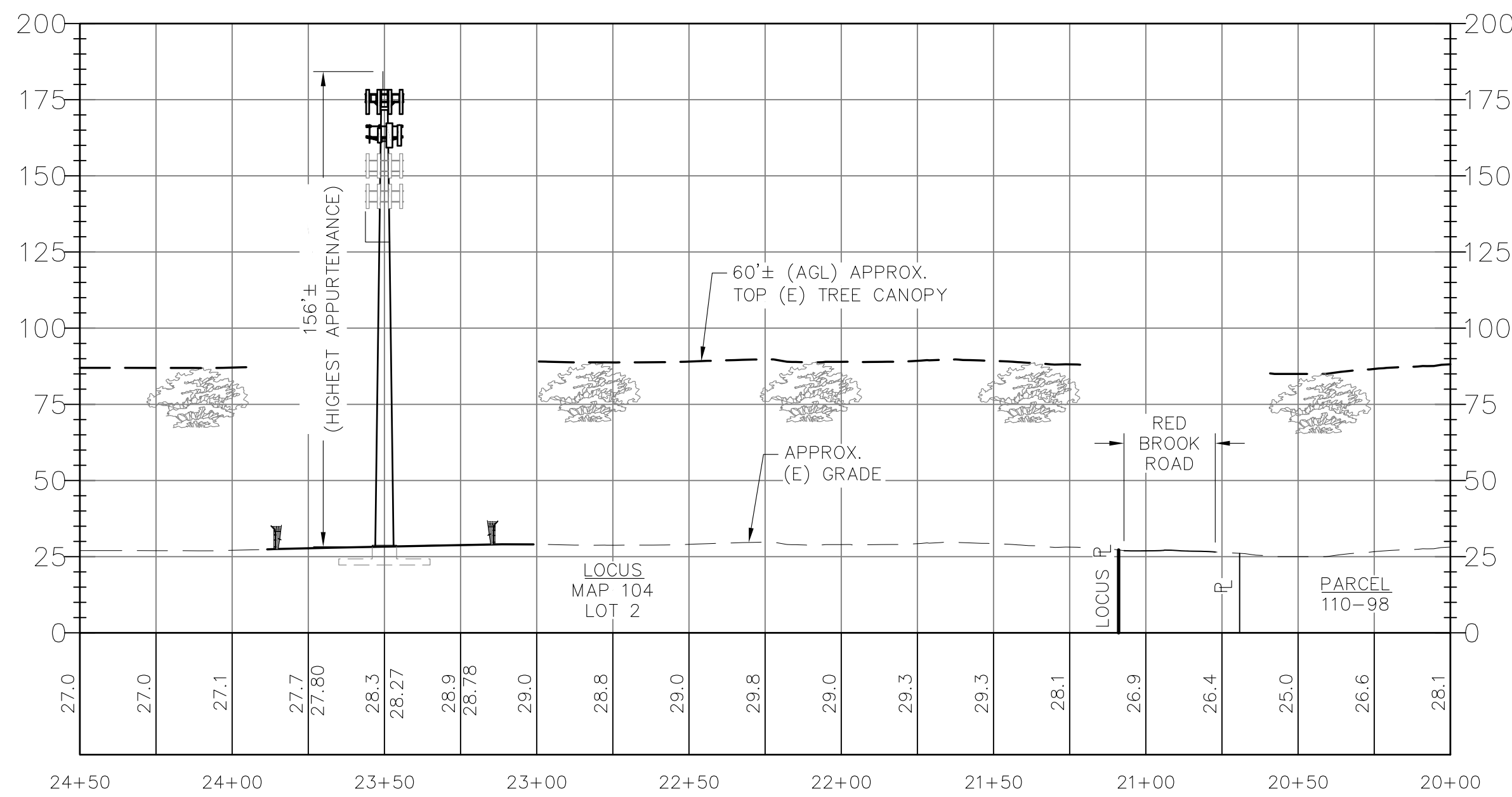
NORTH SIGHT LINE PROFILE

SCALE (22x34): 1"=40' HORIZONTAL
1"=40' VERTICAL
SCALE (11x17): 1"=80' HORIZONTAL
1"=80' VERTICAL



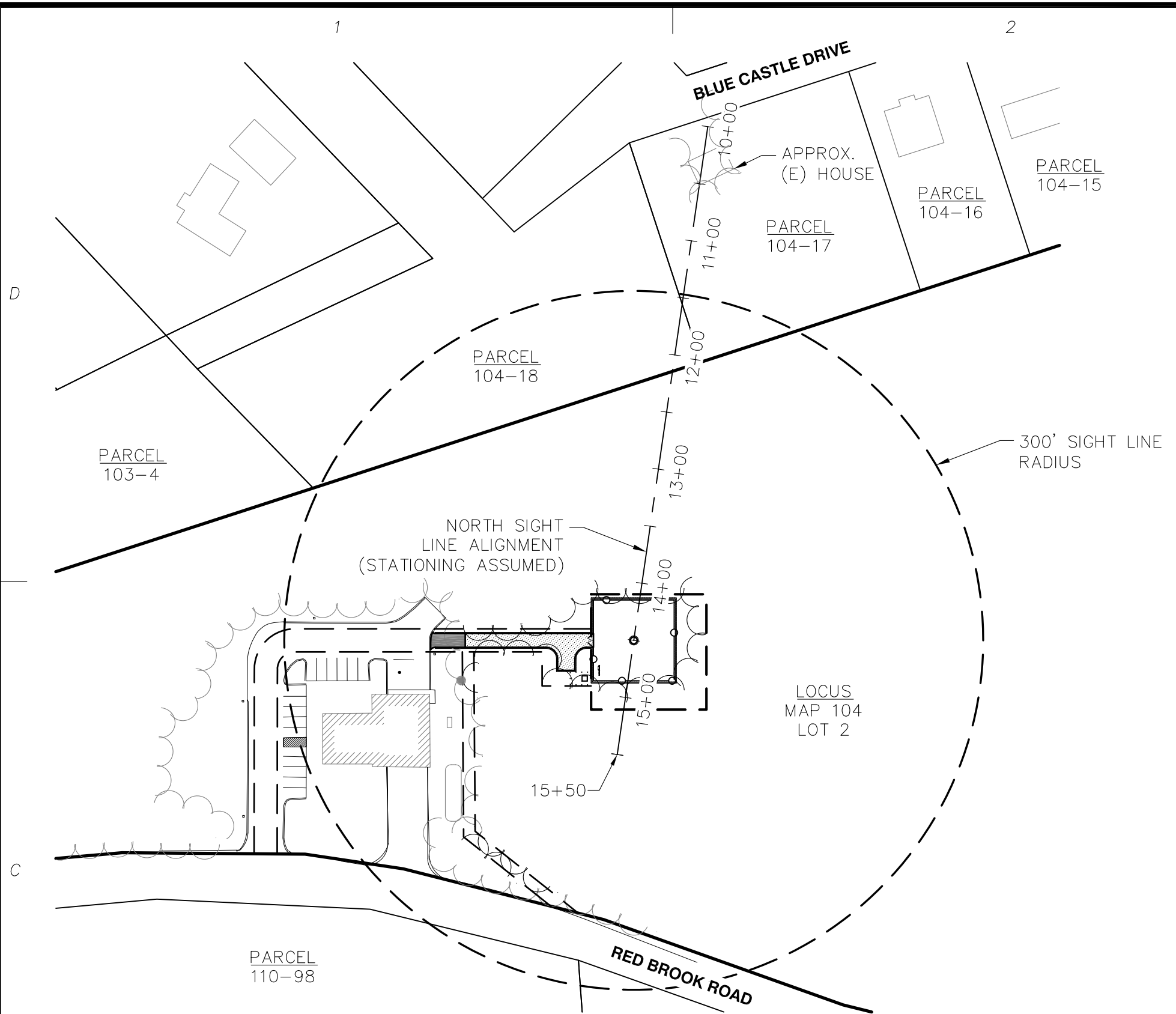
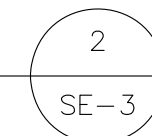
REFERENCES:

- PROPERTY LINE AND EXISTING FEATURES - SEE SHEETS C-1 & C-2.
- TOPOGRAPHY FROM LIDAR DATA PREPARED BY USGS COASTAL AND MARINE GEOLOGY PROGRAM RETRIEVED FROM THE NOAA DATA ACCESS VIEWER.
 - 2013-2014 USGS CMGP LIDAR: POST SANDY (MA, NH, RI)
- THE FOLLOWING DATALAYERS PREPARED BY OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS, MASSIT:
 - BUILDING STRUCTURES (2-D, FROM ORTHO IMAGERY) (JUNE 2017)
 - USGS COLOR ORTHO IMAGERY (2013/2014), USED TO DETERMINE EXISTING TREE LINES
- TREE CANOPY HEIGHT MEASURED WITH LASER RANGE FINDER ON FEBRUARY 5, 2019.



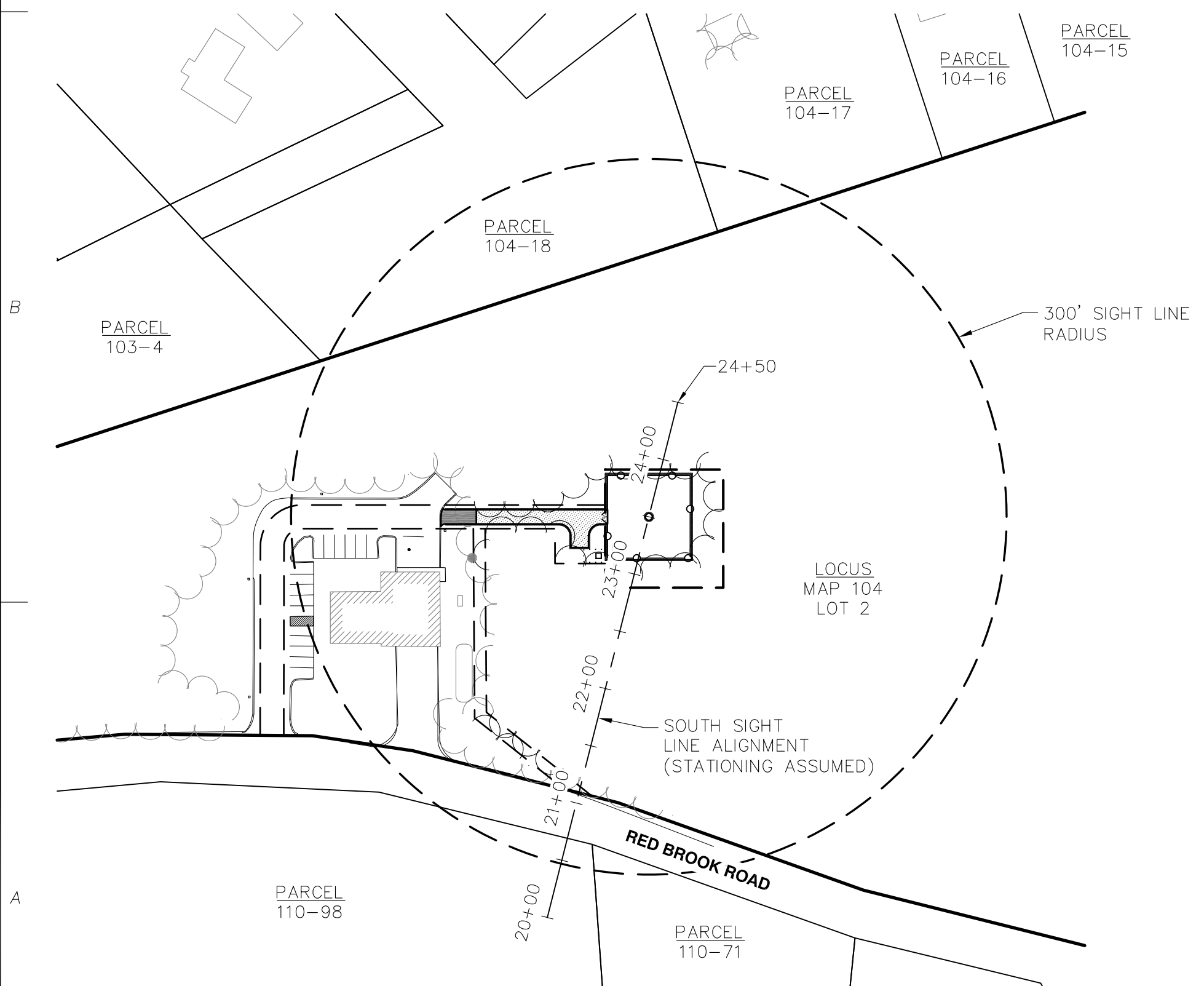
SOUTH SIGHT LINE PROFILE

SCALE (22x34): 1"=40' HORIZONTAL
1"=40' VERTICAL
SCALE (11x17): 1"=80' HORIZONTAL
1"=80' VERTICAL



NORTH SIGHT LINE PLAN

SCALE: 1"=100' (22x34)
1"=200' (11x17)



SOUTH SIGHT LINE PLAN

SCALE: 1"=100' (22x34)
1"=200' (11x17)

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MASHPEE, MA 02649

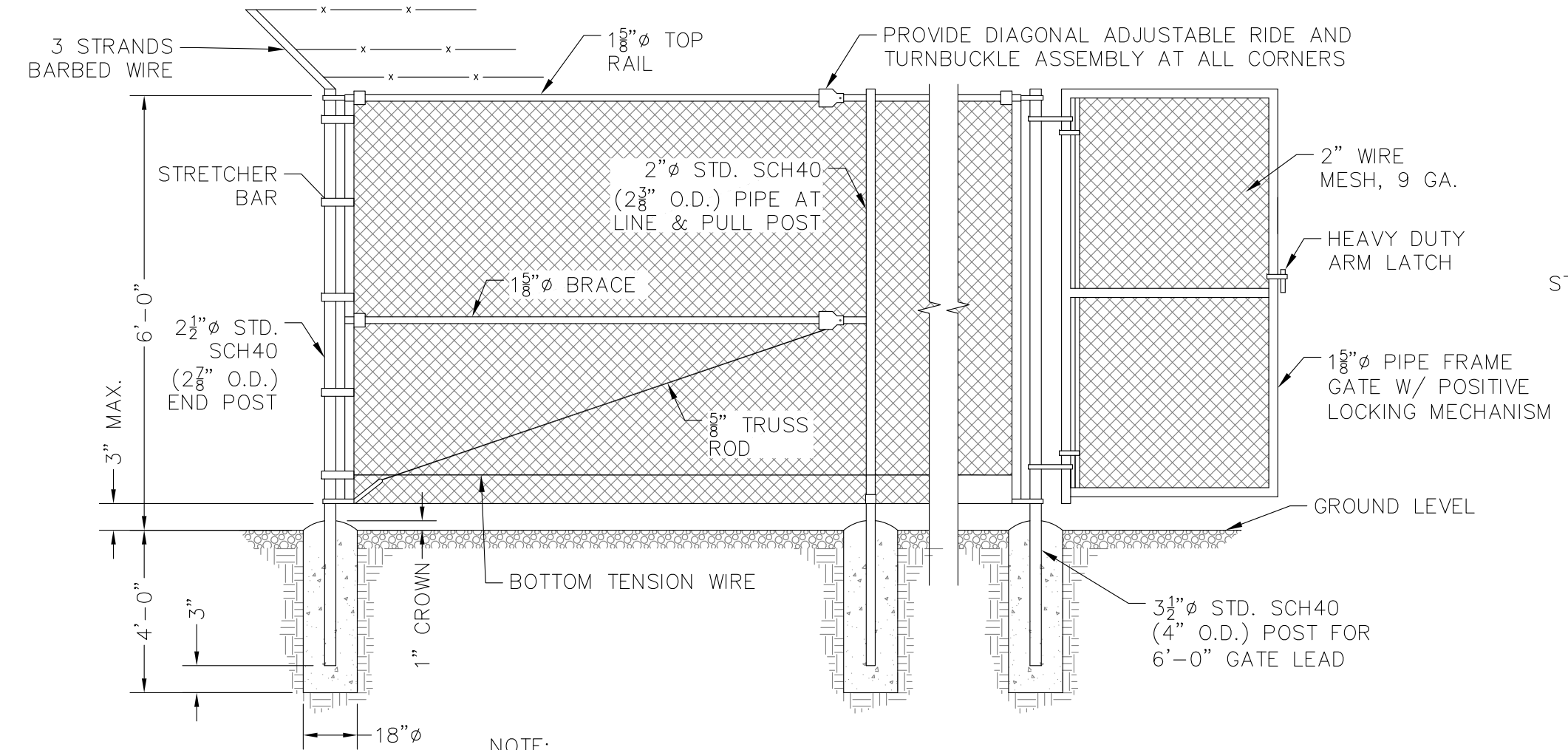
APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063
SHEET TITLE:

DETAILS

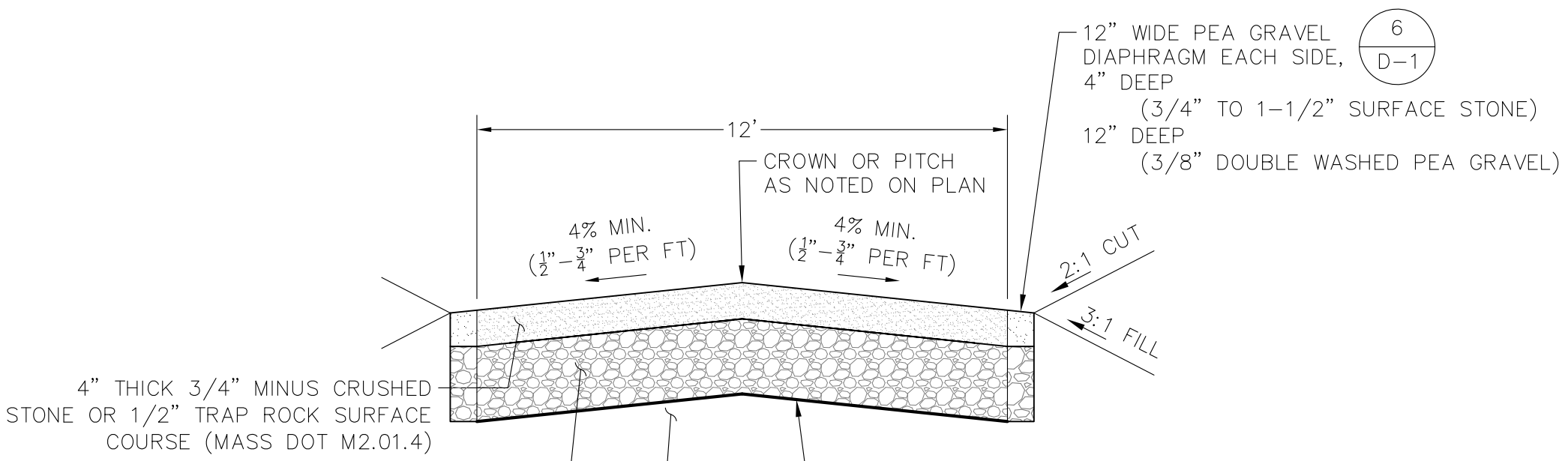
D-1



CHAIN LINK FENCE

SCALE: NONE

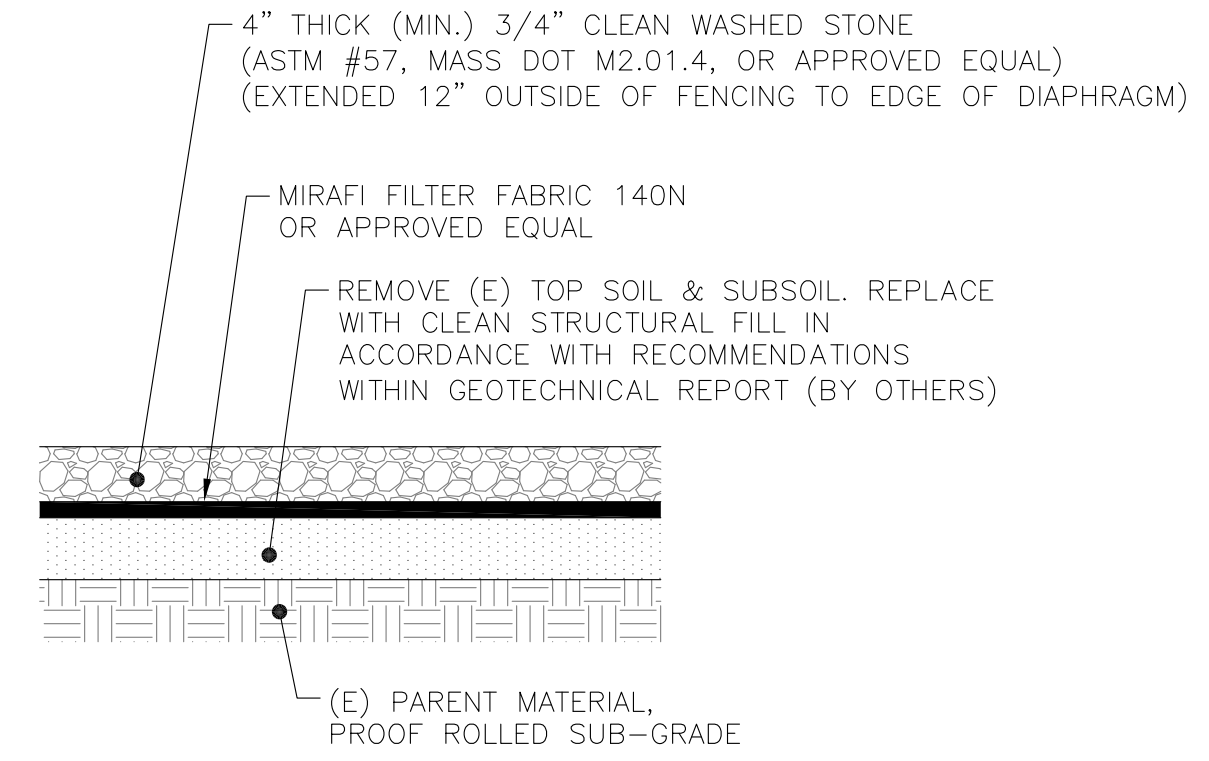
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D-1



DRIVEWAY SECTION

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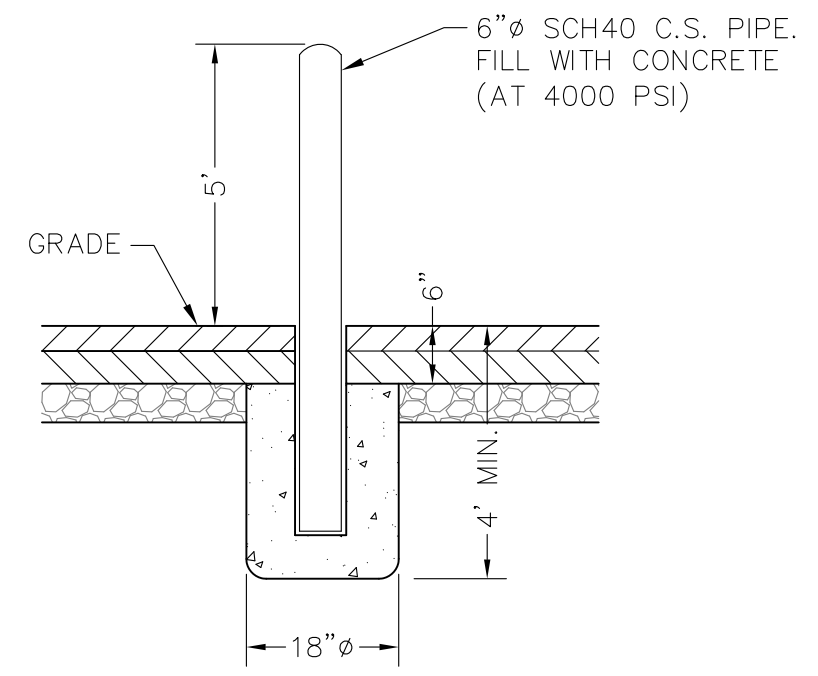
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D-1



COMPOUND SURFACE

SCALE: NONE

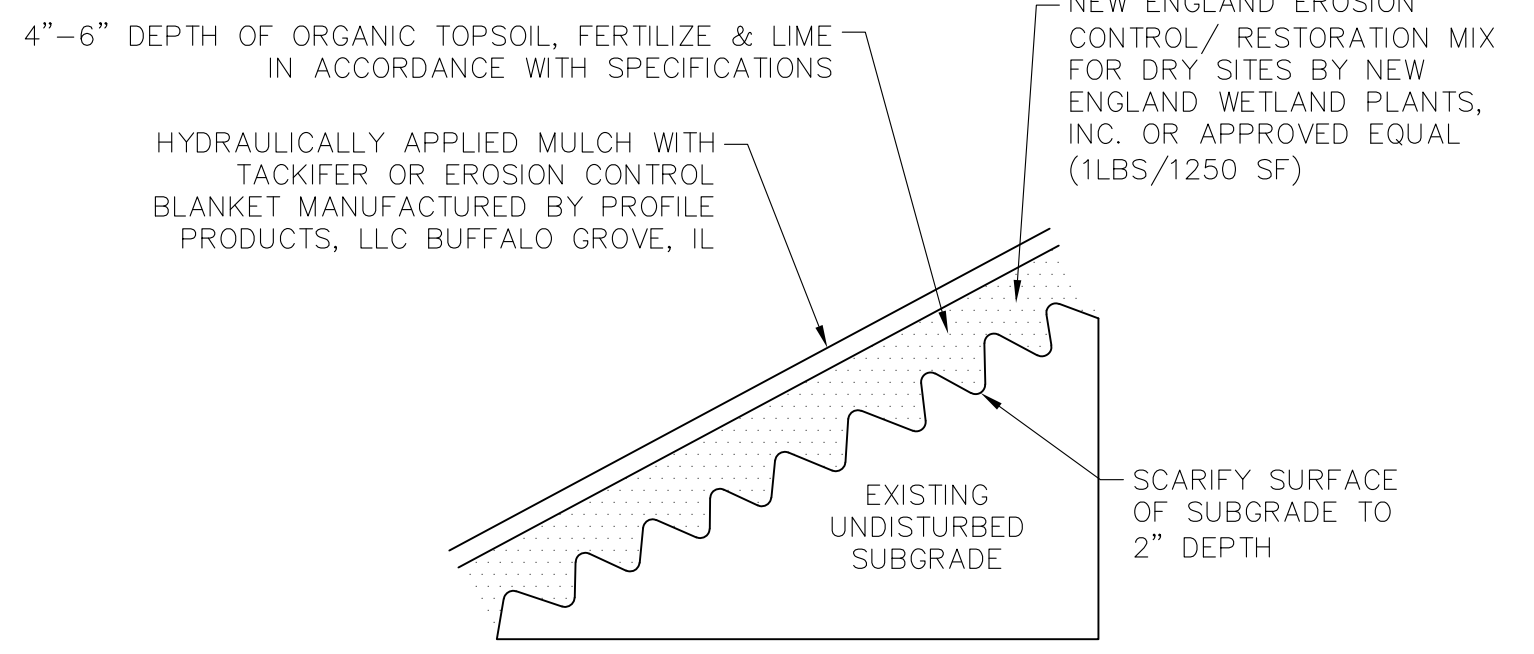
3
D-1



BOLLARD

SCALE: NONE

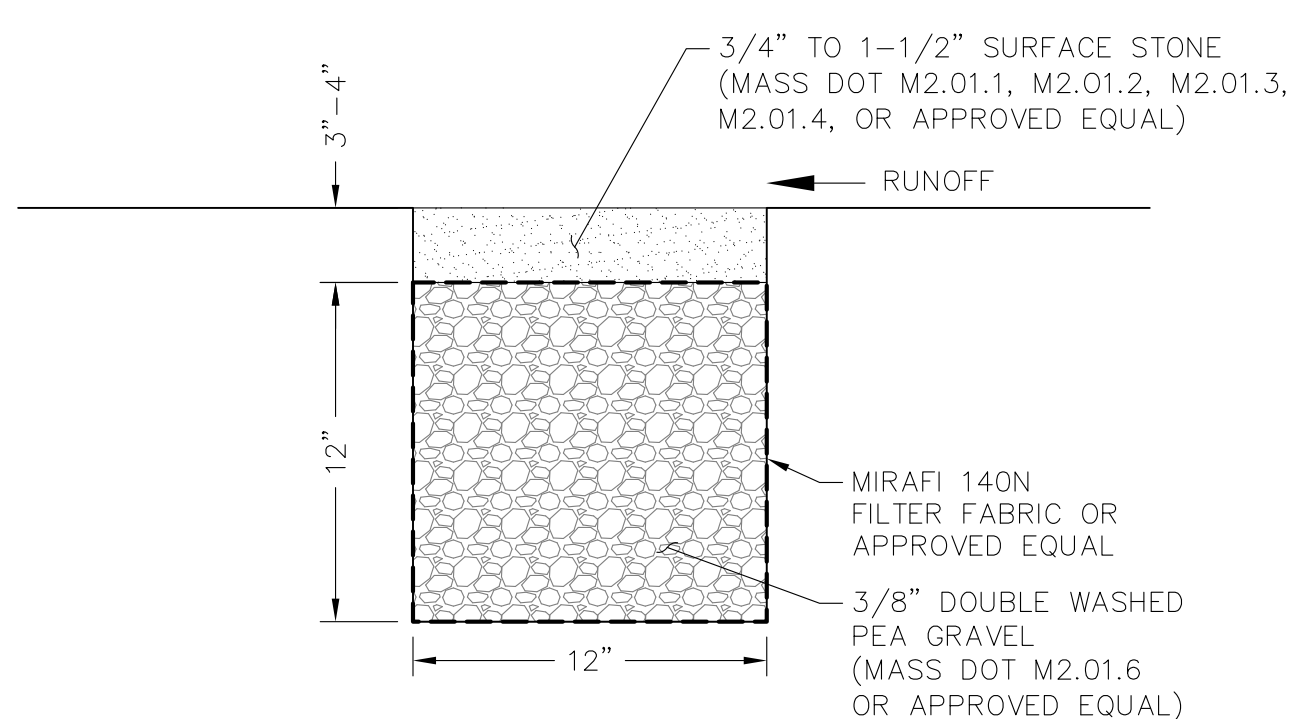
4
D-1



LOAM & SEED WITH TREATMENT

SCALE: NONE

5
D-1



PEA GRAVEL DIAPHRAGM

SCALE: NONE

6
D-1

15" ±

12" ±

This site is owned and managed by
BlueSky Tower Partners, LLC.
For information on leasing or site access, please contact us at:
(888) 960-7958 or
info@blueskytower.com
www.blueskytower.com

BST Site: **MA-5112**
MASHPEE FIRE STATION #2

FCC Tower ID: **N/A**

No Trespassing
Prior authorization required.
Violators will be prosecuted to the fullest extent of the law.

DOES NOT INCLUDE FCC REGULATED SIGNAGE PER THE CARRIERS FEDERAL LICENSE.

EMERGENCY CONTACT SIGN

SCALE: NONE

7
D-1

CONSULTANTS:

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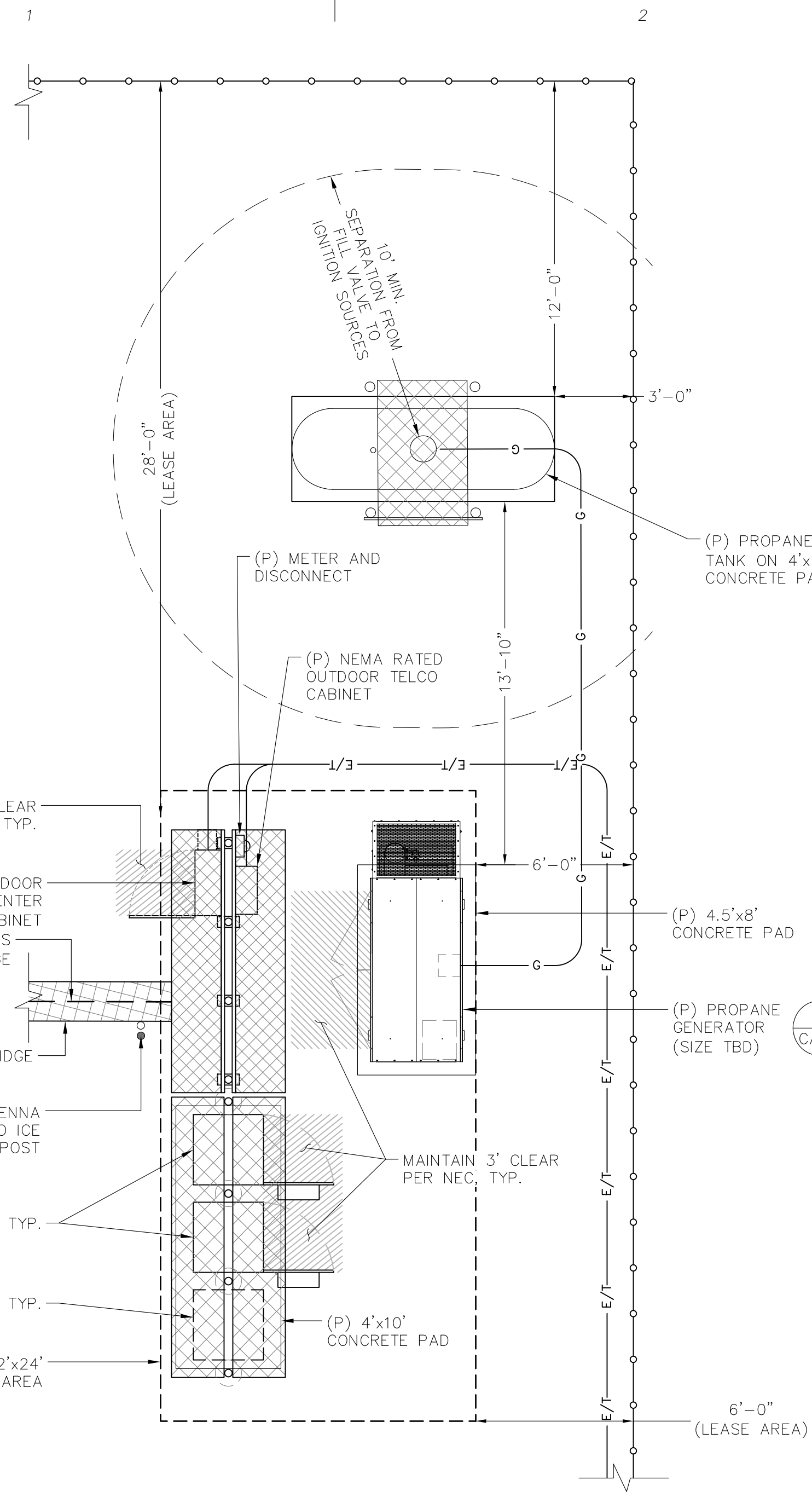
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APPLICANT:
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SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:
TENANT DETAILS
CA-1

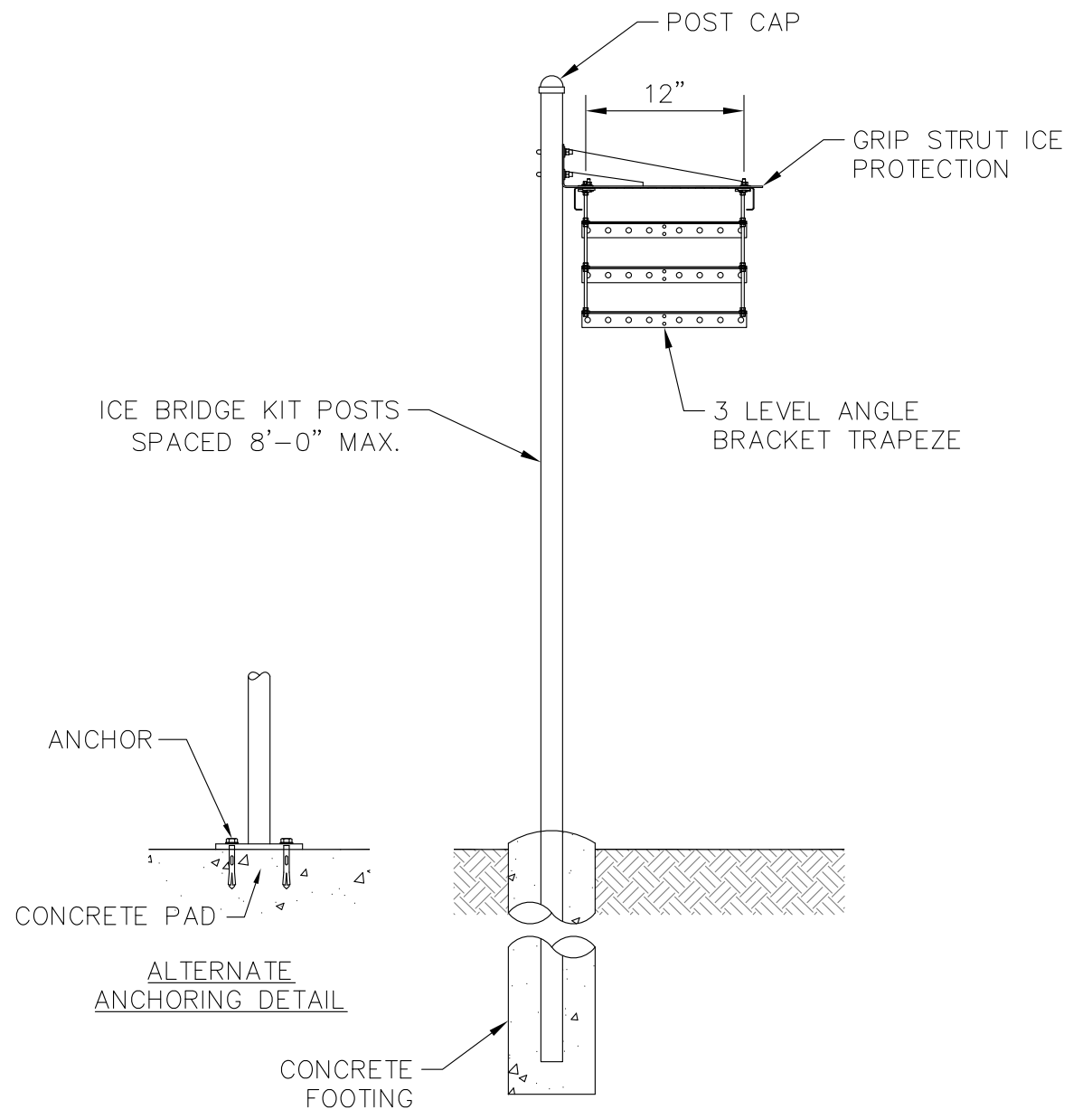
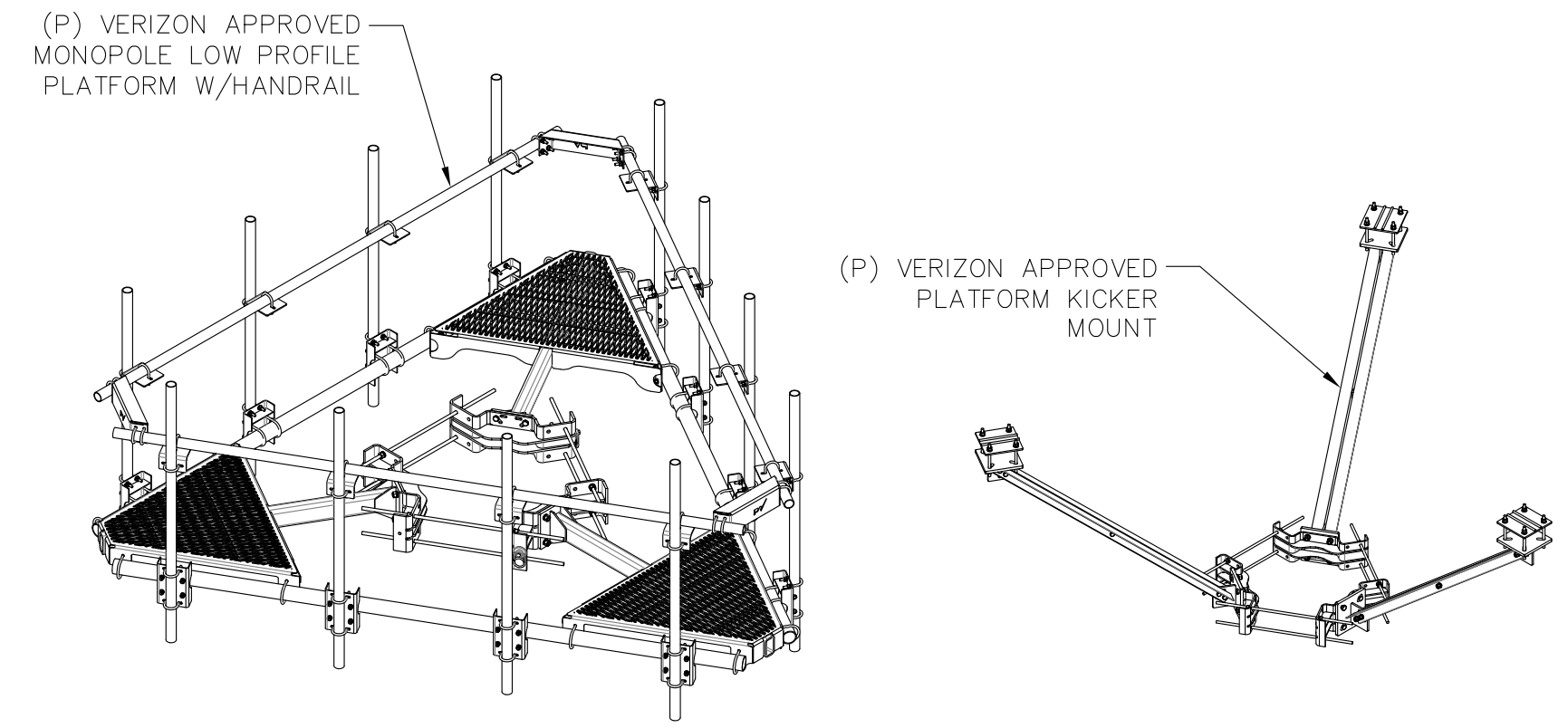
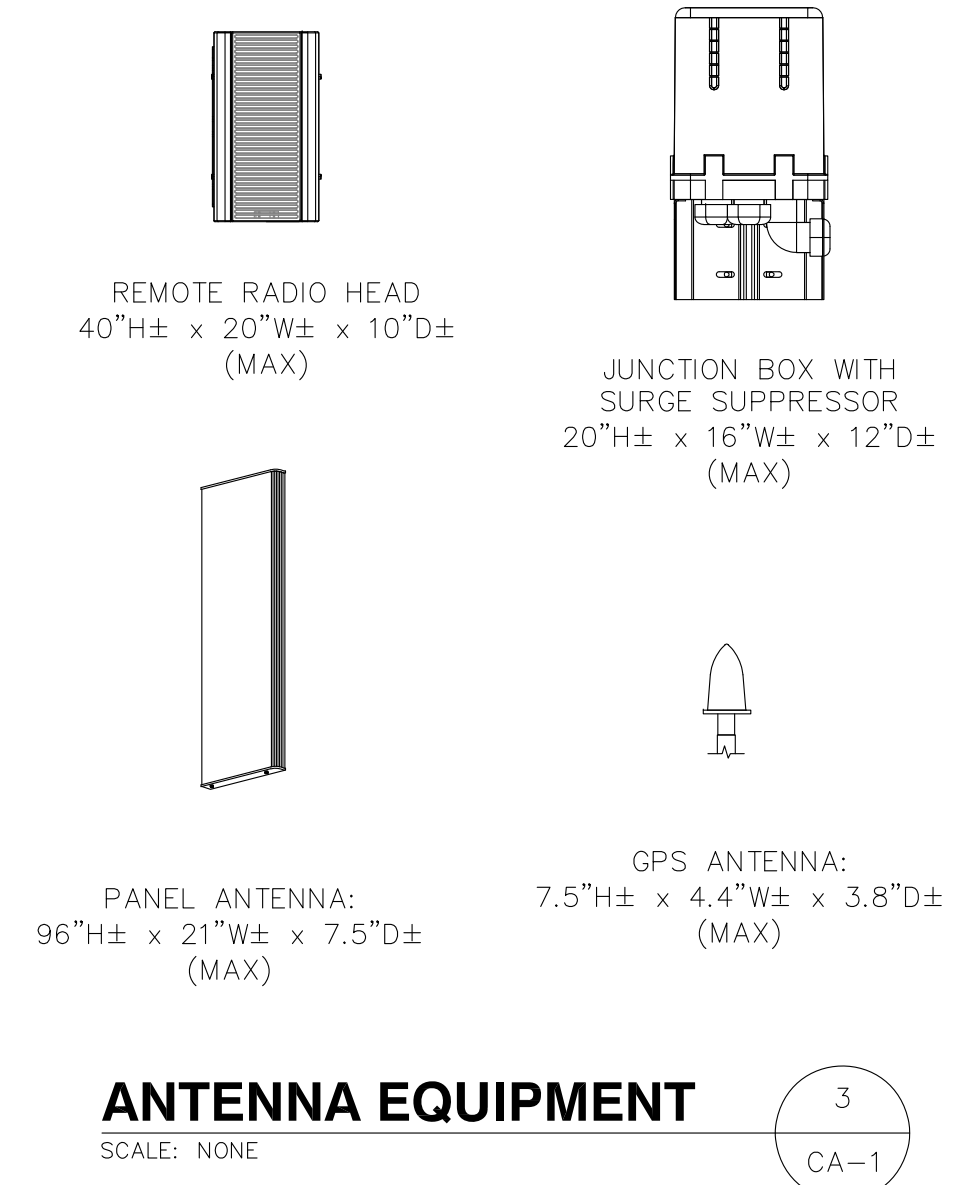
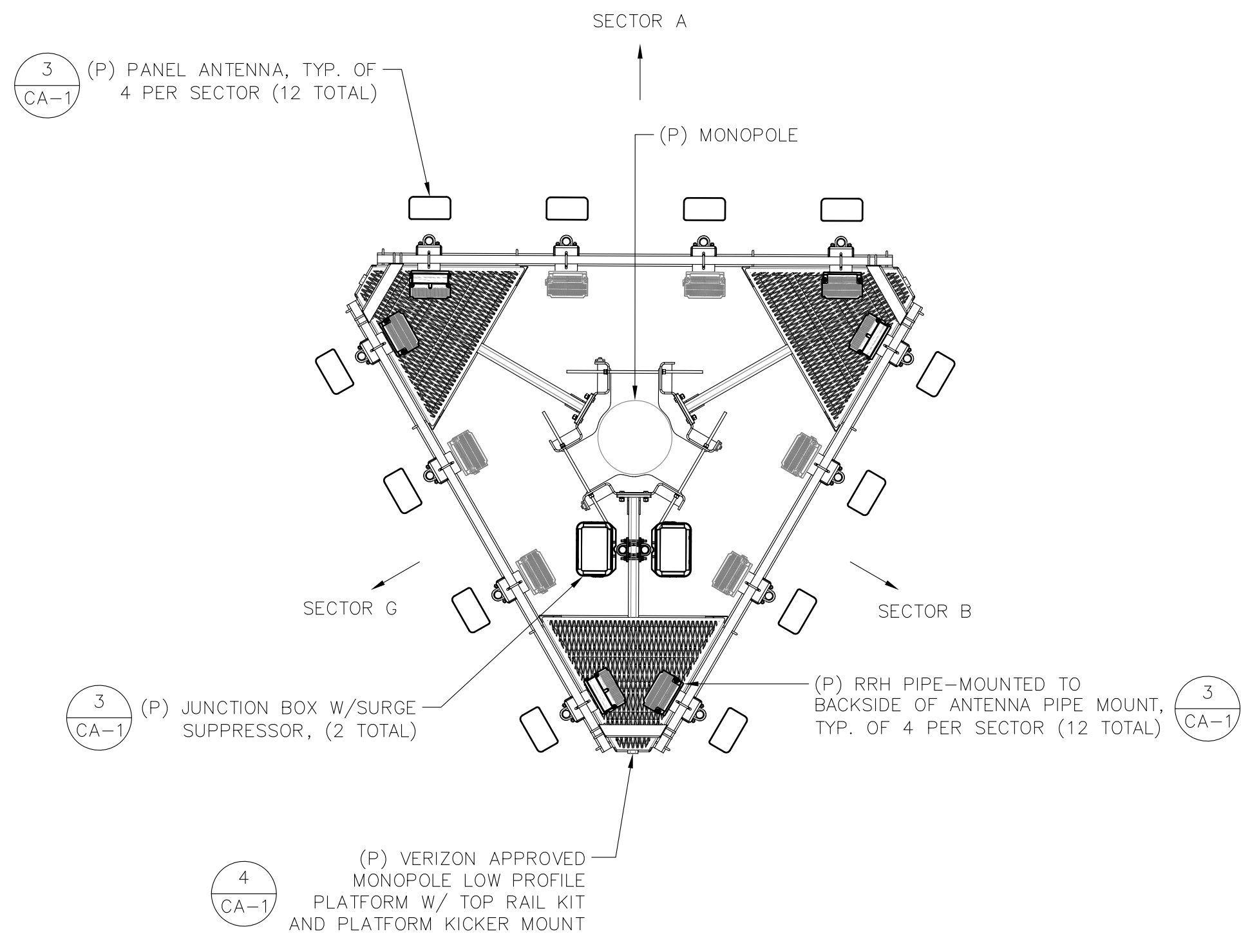


EQUIPMENT SHOWN IS TYPICAL. SIZE AND NUMBER SHALL BE CONFIRMED WITH FINAL RF DESIGN.

TENANT INFORMATION

SITE NUMBER: 138554
SITE NAME: NEW SEABURY MA

CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
118 FLANDERS ROAD
THIRD FLOOR
WESTBOROUGH, MA 01581



CONSULTANTS:

NO.	DATE	REVISIONS
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TITLE: SITE NAME: MASHPEE FIRE STATION #2
SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

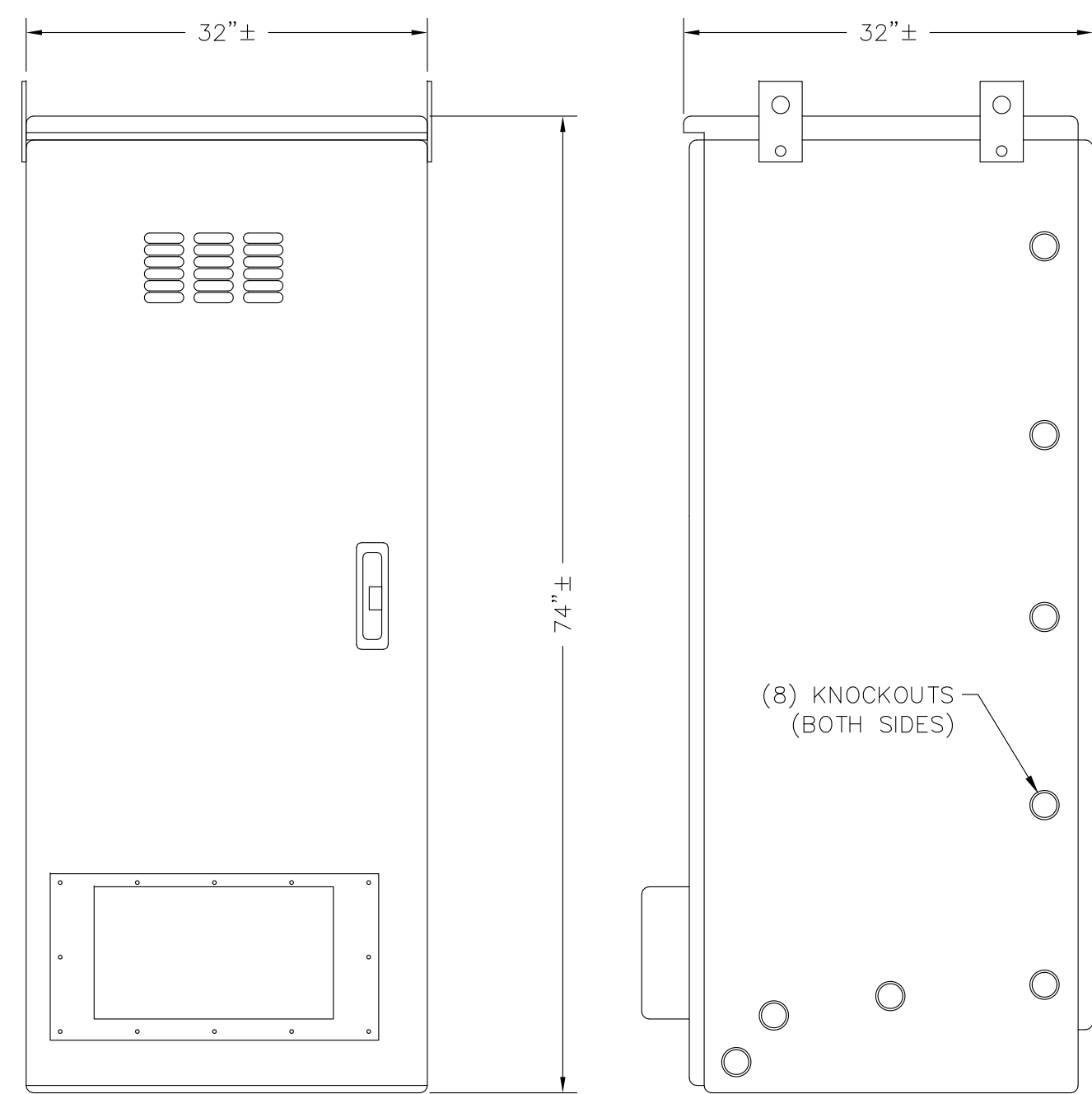
APPLICANT:
BLUE SKY TOWERS II, LLC
362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

STAMP:

DATE: 09/27/17
DRAWN: BLM/STZ
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 17-063

SHEET TITLE:
TENANT
DETAILS

CA-2

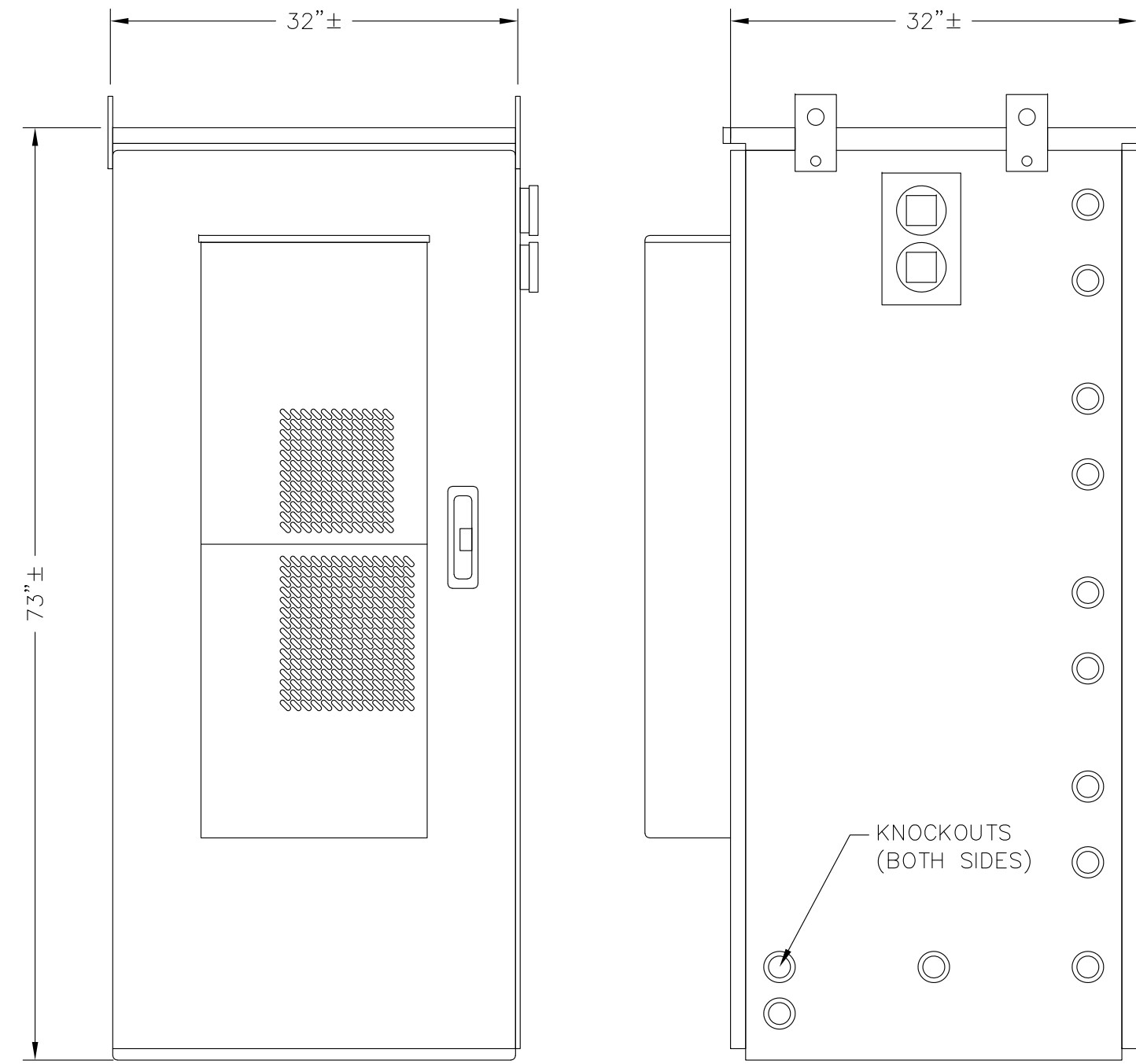


FRONT SIDE

RIGHT SIDE

BATTERY CABINET
SCALE: NONE

1
CA-2

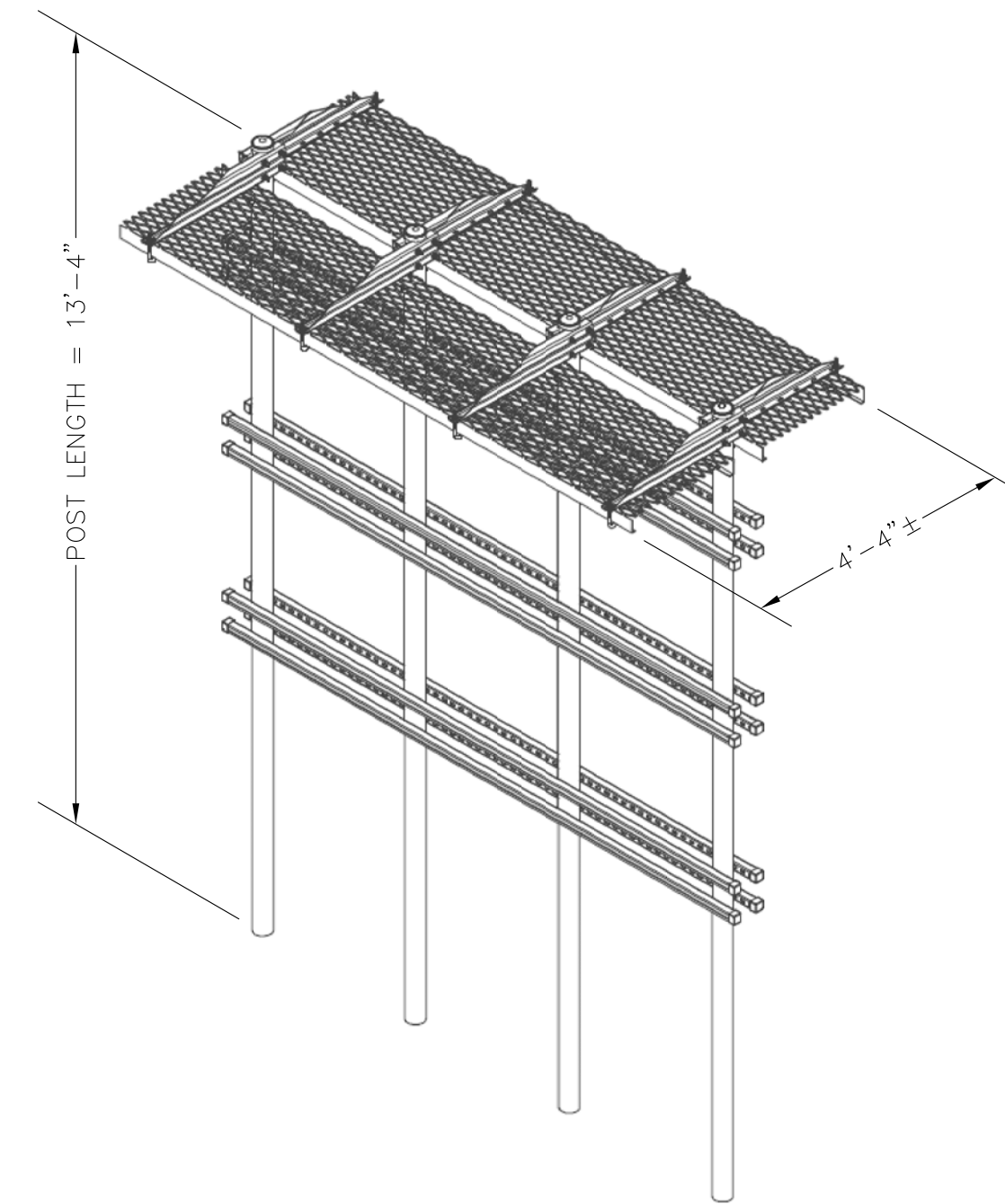


FRONT

RIGHT SIDE

POWER & EQUIPMENT CABINET
SCALE: NONE

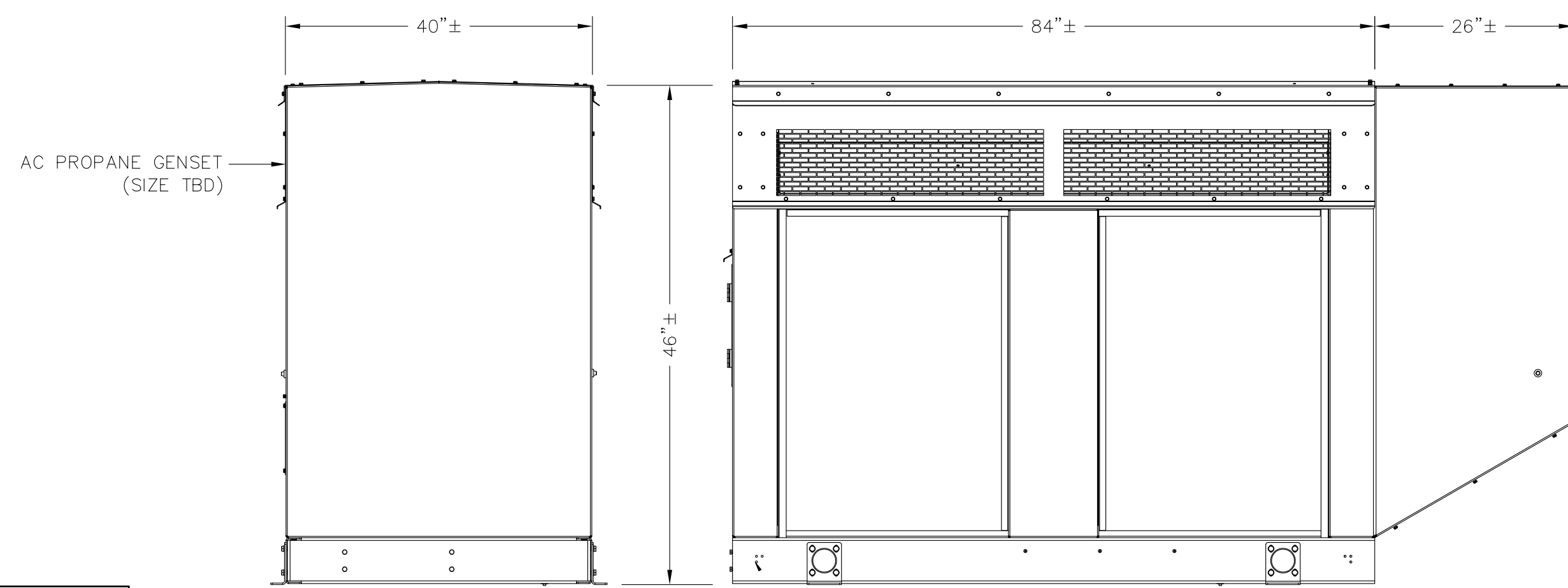
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CA-2



EQUIPMENT H-FRAME ISOMETRIC

SCALE: NONE

4
CA-2

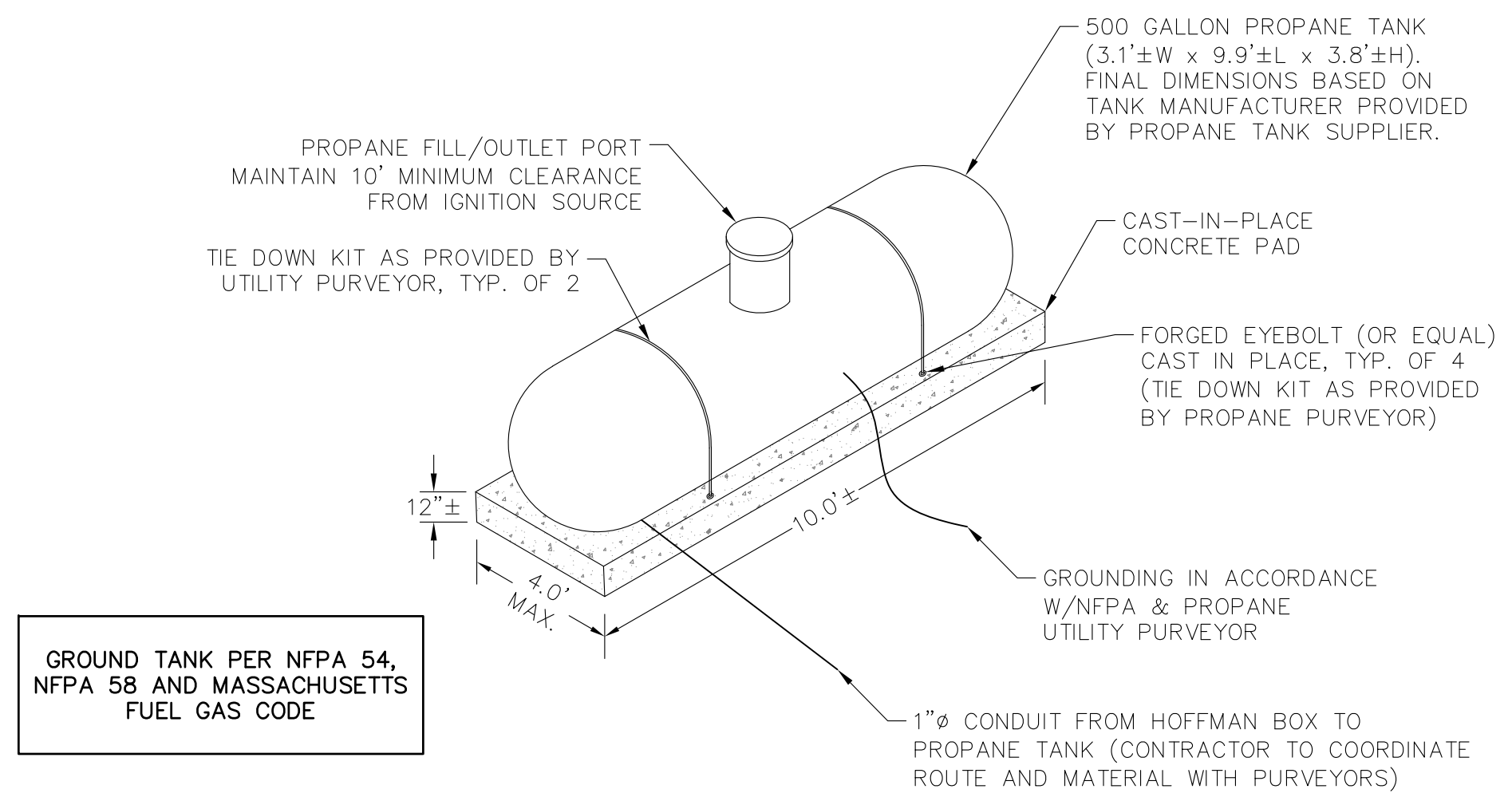


REAR

RIGHT SIDE

AC GENERATOR
SCALE: NONE

3
CA-2



GROUND TANK PER NFPA 54,
NFPA 58 AND MASSACHUSETTS
FUEL GAS CODE

NOTES:

1. THE PROPANE SYSTEM IS SHOWN ON THIS DRAWING AS A SCHEMATIC ONLY. A LICENSED GAS FITTER SHALL OBTAIN ALL REQUIRED PERMITS AND CONSTRUCT IN ACCORDANCE WITH THE UTILITY PURVEYOR AND MASSACHUSETTS FUEL GAS CODE AS NECESSARY.
2. SEISMIC TIE DOWN KIT TO BE PROVIDED BY UTILITY PURVEYOR OR CONSULTED WITH THE ENGINEER PRIOR TO INSTALLATION.

PROPANE TANK ON CONCRETE PAD

SCALE: NONE

5
CA-2

EQUIPMENT SHOWN IS TYPICAL.
SIZE AND NUMBER SHALL BE
CONFIRMED WITH FINAL RF DESIGN.

TENANT INFORMATION



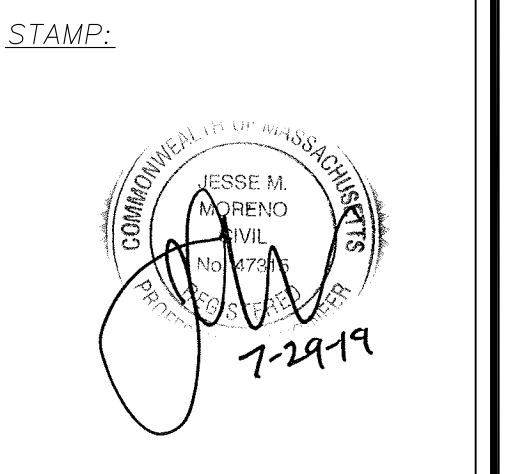
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CELLCO PARTNERSHIP
d/b/a VERIZON WIRELESS
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MASHPEE, MA 02649

APPLICANT:
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SUITE 106
TOWERS II, LLC NORTH READING, MA 01864



DATE: 09/27/17
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TENANT
DETAILS

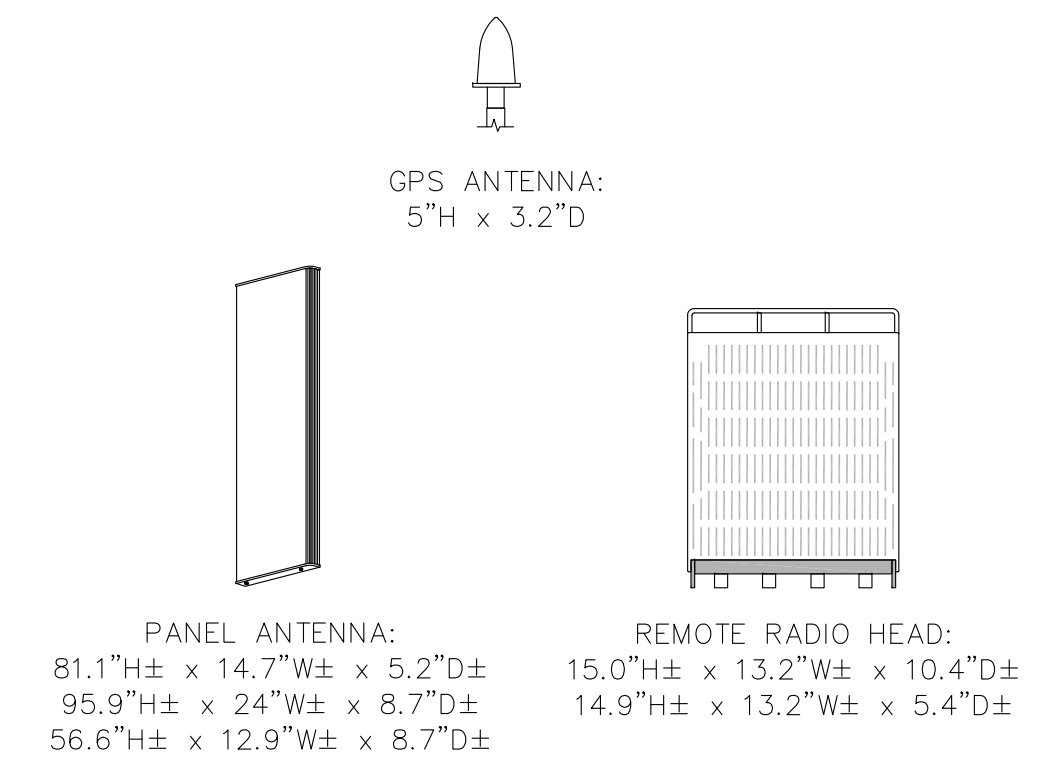
CA-3

TENANT INFORMATION

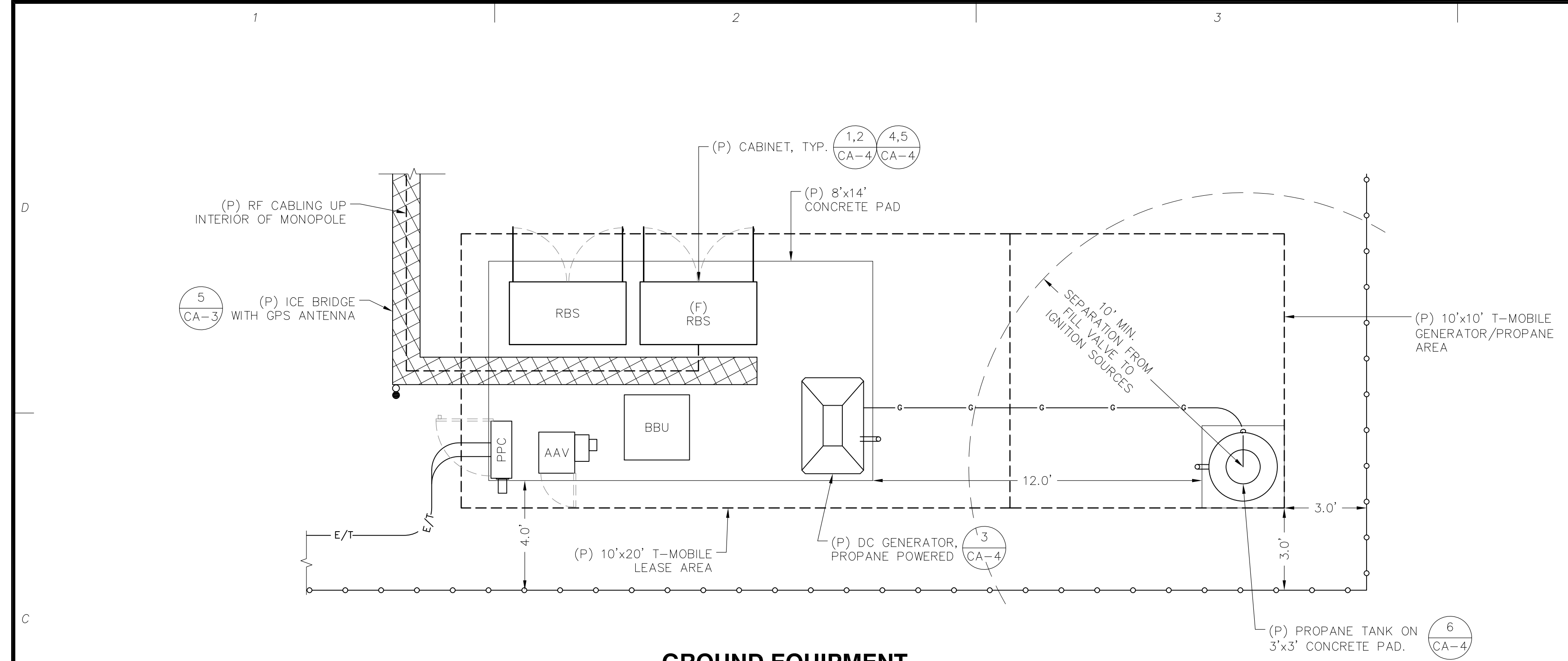
SITE NUMBER: 4HY0603B

T-MOBILE NORTHEAST, LLC
 15 COMMERCE WAY
 SUITE B
 NORTON, MA 02766
 OFFICE: (508) 286-2700
 FAX: (508) 286-2893

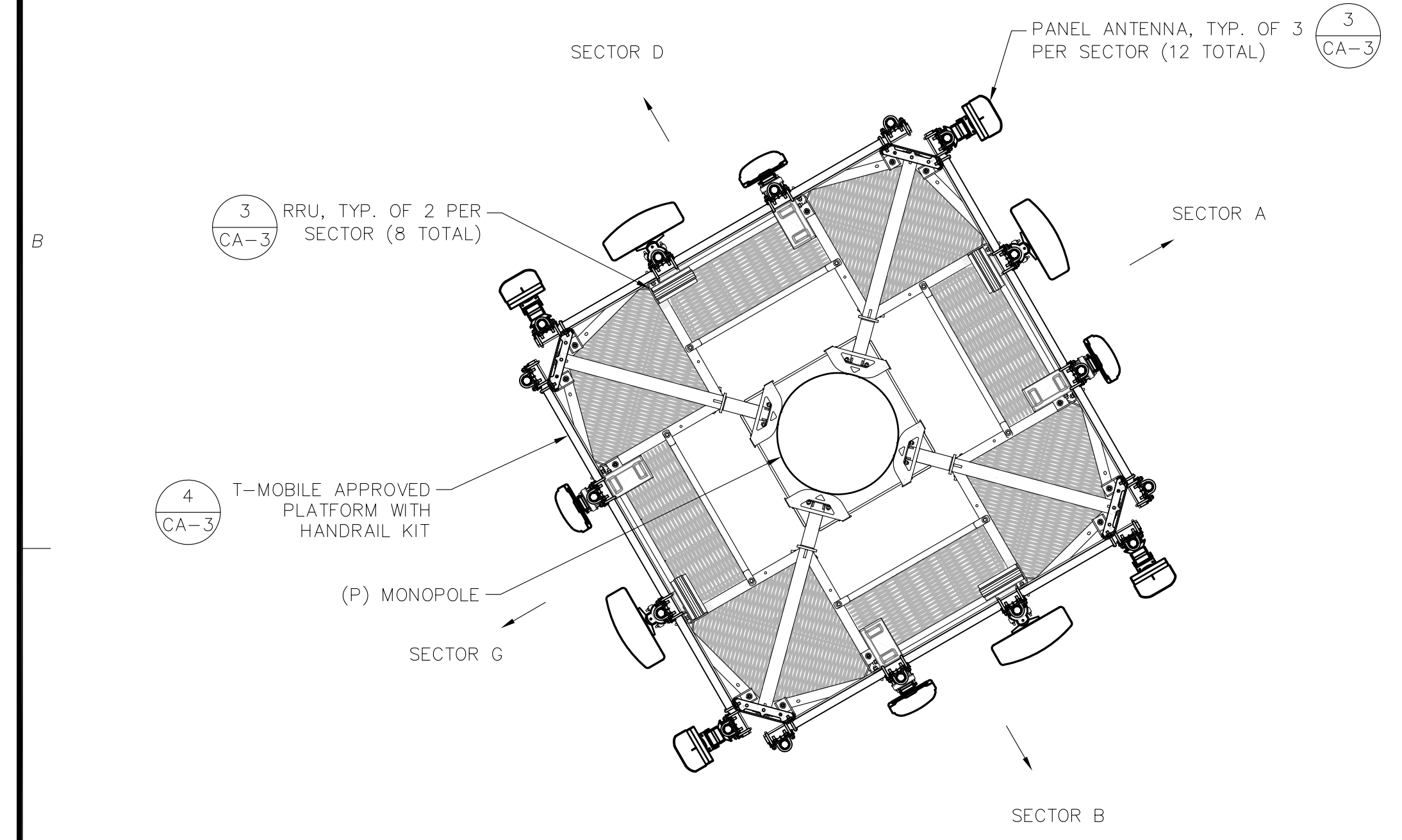
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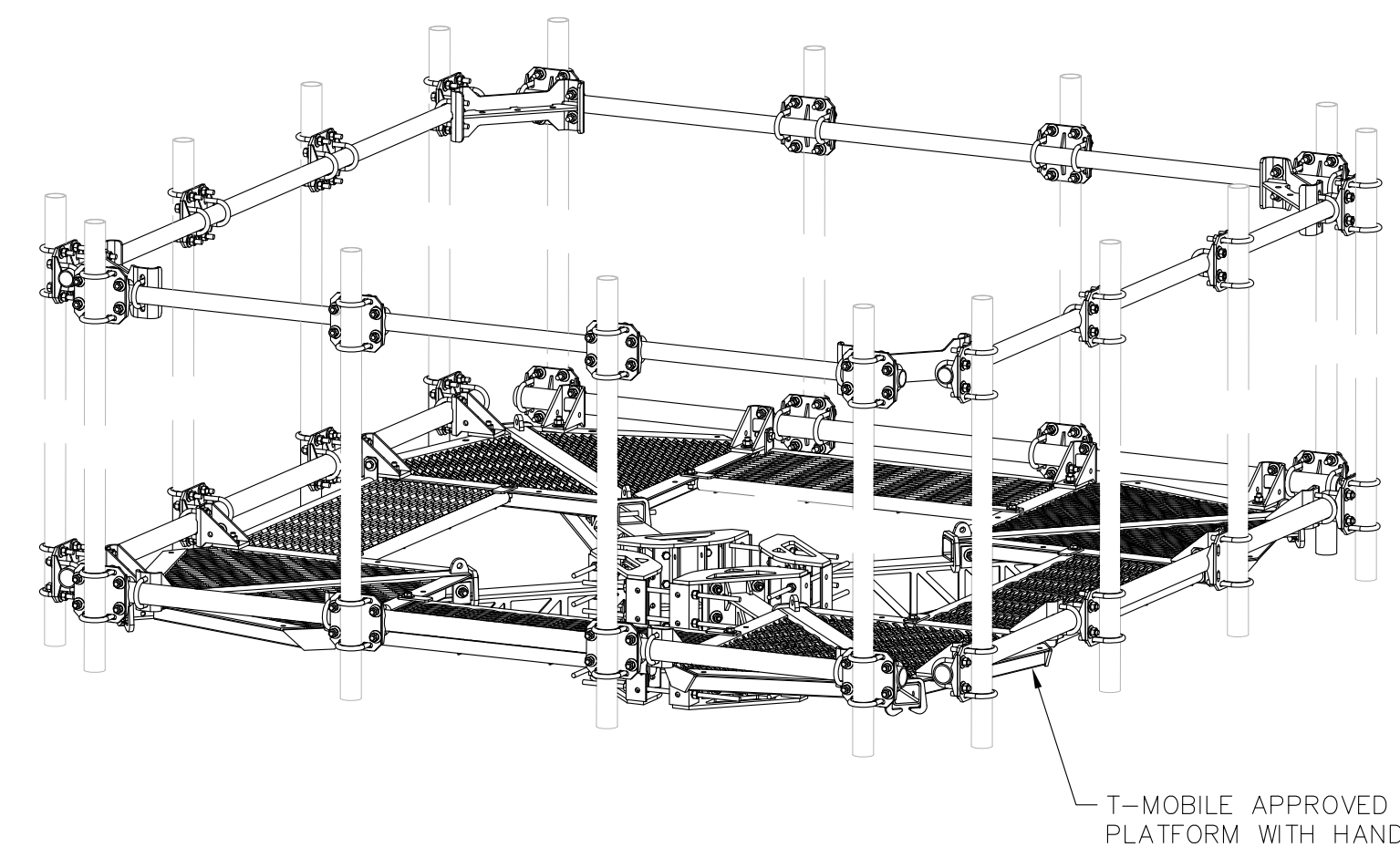
ANTENNA EQUIPMENT
 SCALE: NONE



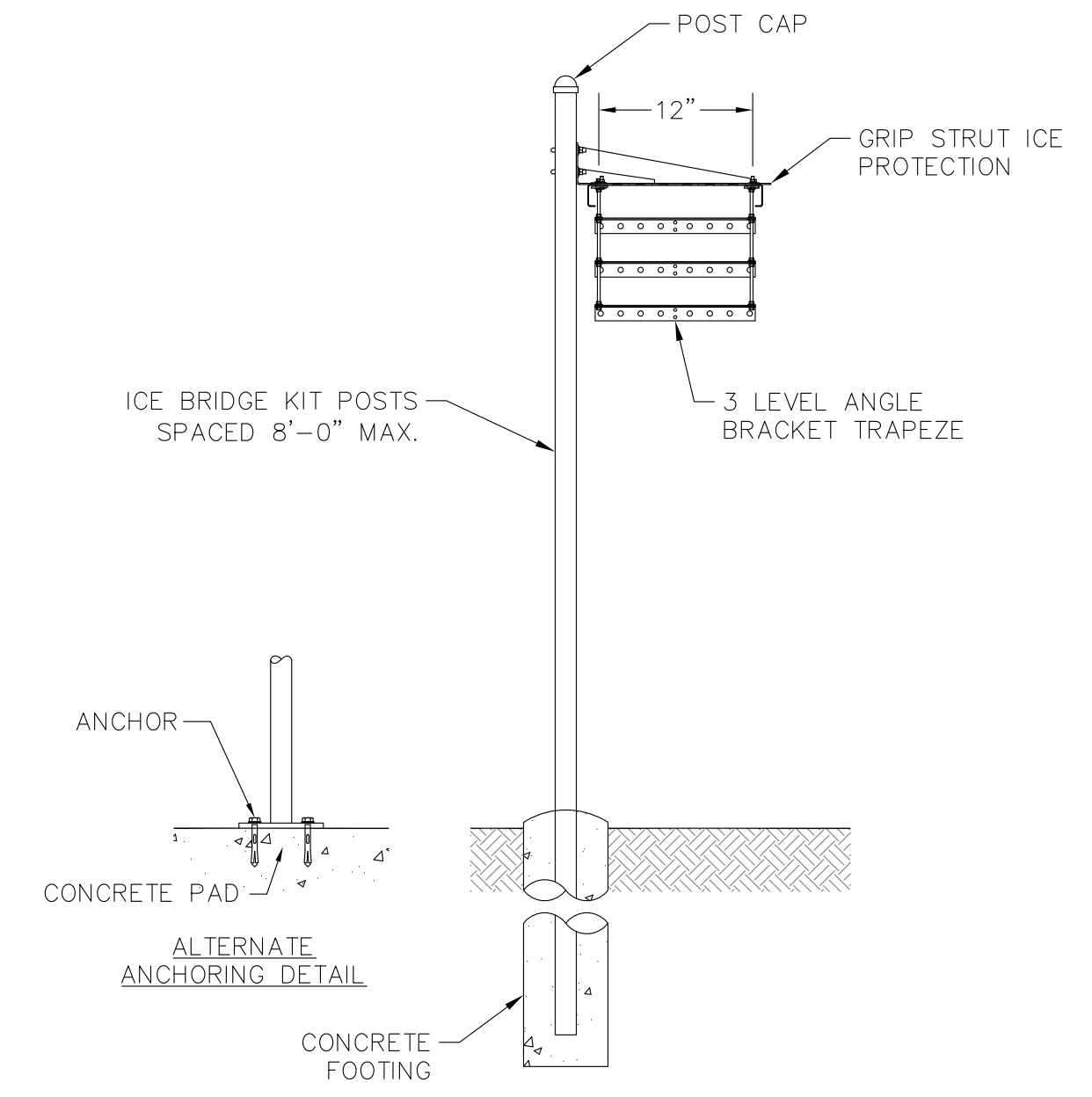
GROUND EQUIPMENT LAYOUT PLAN
 SCALE: 1"=3' (22x34)
 1"=6' (11x17)



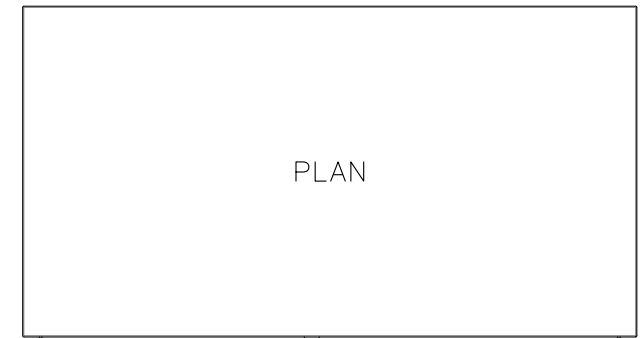
TOWER EQUIPMENT PLAN
 SCALE: 1"=3' (22x34)
 1"=6' (11x17)



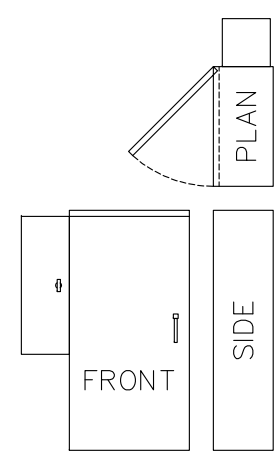
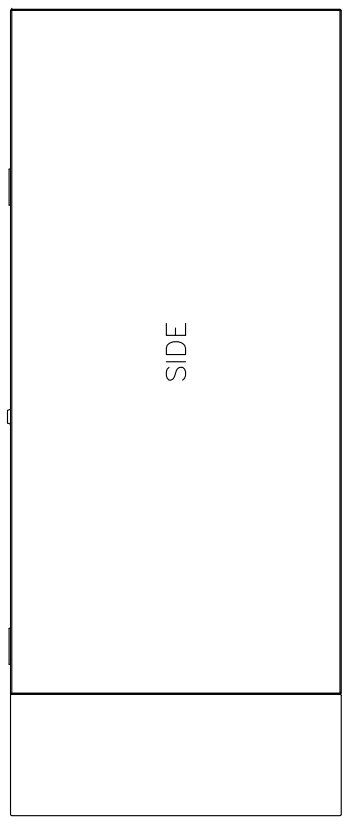
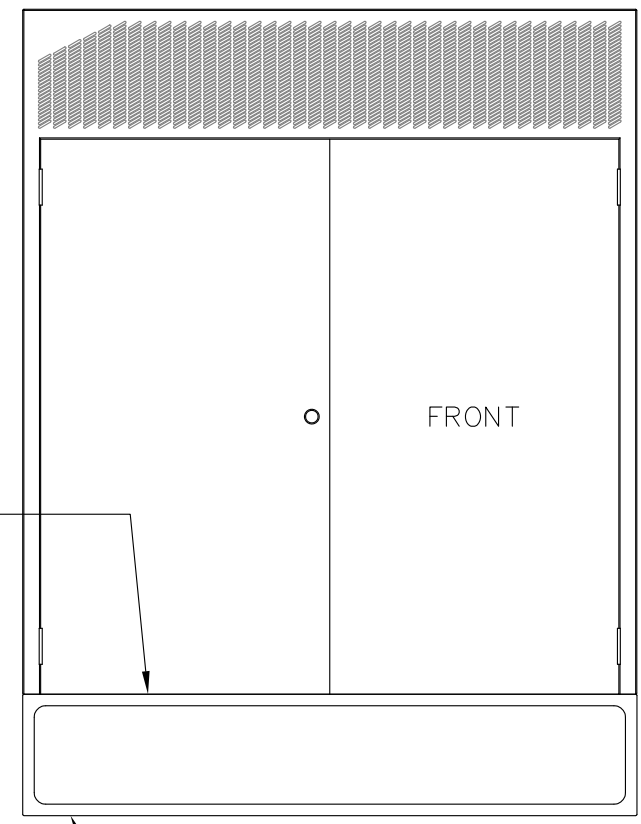
PLATFORM ISOMETRIC
 SCALE: NONE



ICE BRIDGE
 SCALE: NONE

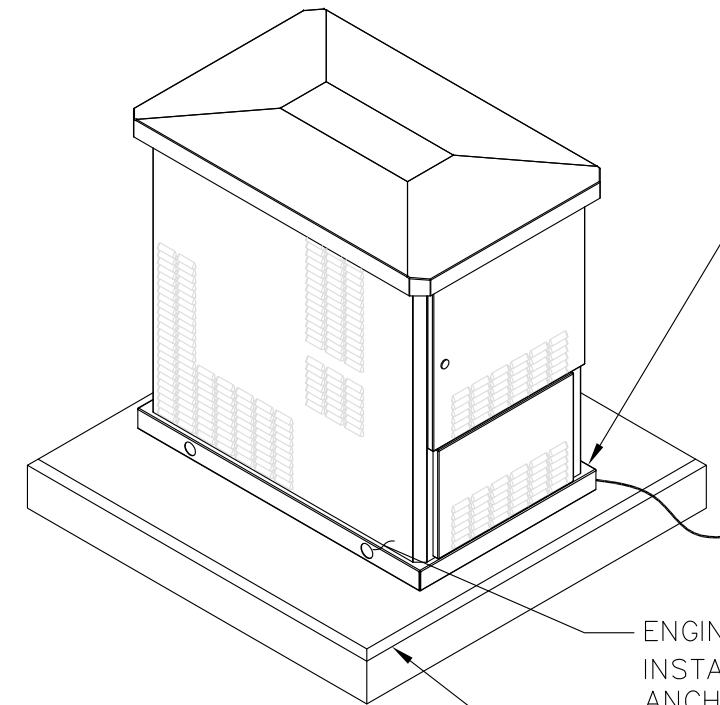


MODEL	RBS 6102
MANUFACTURER	ERICSSON
WIDTH	51.2"
DEPTH	27.6"
HEIGHT	57.1"
WEIGHT (WITHOUT BATTERIES)	728 LBS.



MODEL	3799340400
MANUFACTURER	DELTA
WIDTH	20"
DEPTH	10"
HEIGHT	40"
WEIGHT	75 LBS.

TYPE	7.5 KW, 48VDC
MANUFACTURER	DELTA ELECTRONICS, INC.
MODEL	ESOG150-PCA01
FUEL	LP @ 11" W.C.
HEIGHT	40.1"
WIDTH	27"
DEPTH	42"
FRONT CLEARANCE	36"
SIDE CLEARANCE	18"
REAR CLEARANCE	60"



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CONNECT GROUND WIRE TO MANUFACTURER'S SUPPLIED FIELD GROUND CONNECTION

FURNISH AND INSTALL #2 BCW GROUND TO EXISTING GROUND RING

ENGINEER, FURNISH AND INSTALL 3/4" GALV. CONCRETE ANCHORS, TYP. OF 4

ENGINEER, FURNISH AND INSTALL PRECAST 4'X4' CONCRETE PAD

ATTACH RBS CABINET TO BASE FRAME PER MANUFACTURER'S GUIDELINES

RBS BASE FRAME (DIMENSIONS TBD). ANCHOR TO CONCRETE PAD PER MANUFACTURER'S GUIDELINES

EQUIPMENT CABINET (RBS)
SCALE: NONE

1
CA-4

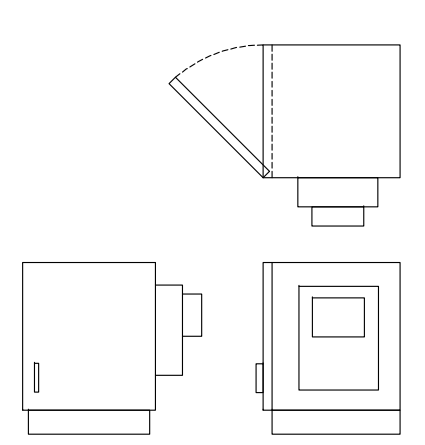
POWER PROTECTION CABINET (PPC)
SCALE: NONE

2
CA-4

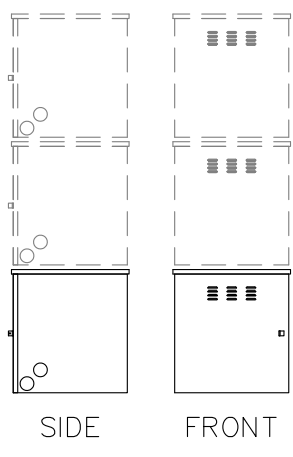
GENERATOR DETAIL
SCALE: NONE

3
CA-4

MAINTAIN MINIMUM NEC-COMPLIANT WORKSPACE CLEARANCE 30" WIDE, 36" DEEP, 6'-6" HEIGHT



MODEL	RAC-24
MANUFACTURER	PURCELL
WIDTH	25.4"
DEPTH	20.0"
HEIGHT	24.0" (37.1" WITH PLINTH)
WEIGHT	85 LBS. (EMPTY) 388 LBS. (MAX.)



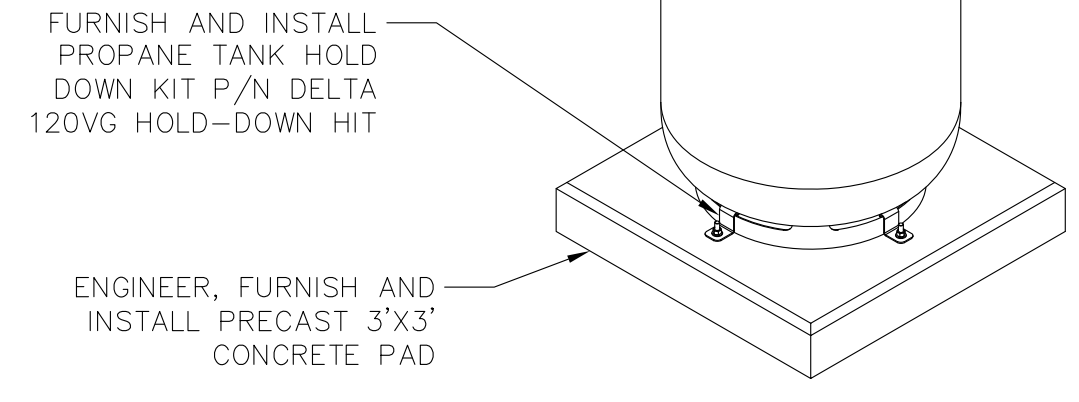
MODEL	DUBBM-2ALM
MANUFACTURER	MFS DATA SERVICES
WIDTH	28.54"
DEPTH	28.54"
HEIGHT (1 UNIT)	29.67"
HEIGHT (3 UNITS)	89.01"

PURCELL CABINET (AAV)
SCALE: NONE

4
CA-4

BATTERY BACK-UP CABINET (BBU)
SCALE: NONE

5
CA-4



FURNISH AND INSTALL PROPANE TANK HOLD DOWN KIT P/N DELTA 120VG HOLD-DOWN HIT

ENGINEER, FURNISH AND INSTALL PRECAST 3'X3' CONCRETE PAD

TYPE	ASME, VERTICAL
CAPACITY	120gal/420lbs
HEIGHT	54"±
DIA.	30"±

PROPANE TANK DETAIL
SCALE: NONE

6
CA-4

TENANT INFORMATION

SITE NUMBER: 4HY0603B

T-MOBILE NORTHEAST, LLC
15 COMMERCE WAY
SUITE B
NORTON, MA 02766
OFFICE: (508) 286-2700
FAX: (508) 286-2893

CONSULTANTS:

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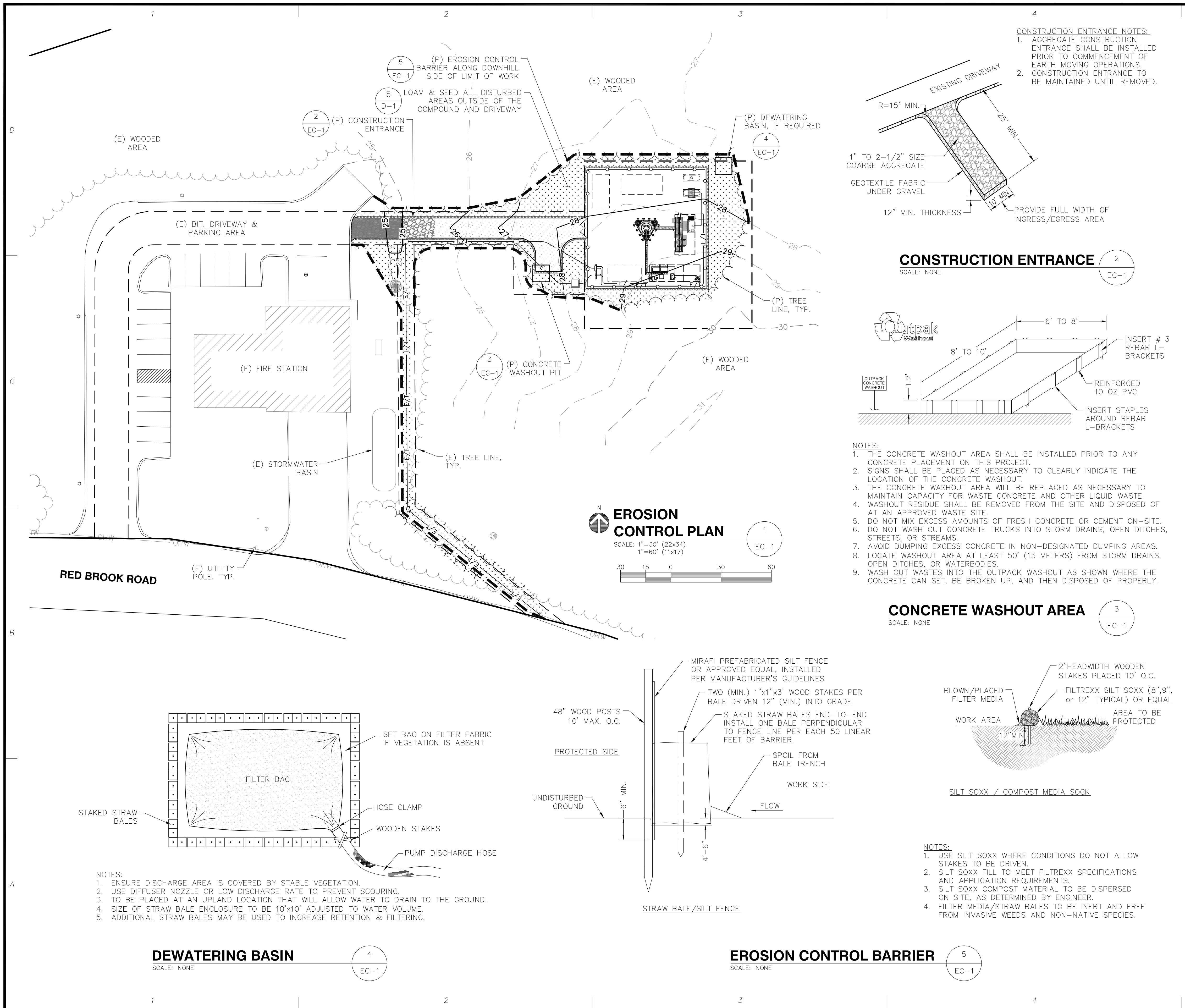
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SITE NUMBER: MA-5112
ADDRESS: 101 RED BROOK ROAD
MASHPEE, MA 02649

APPLICANT:
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362 PARK STREET
SUITE 106
TOWERS II, LLC NORTH READING, MA 01864

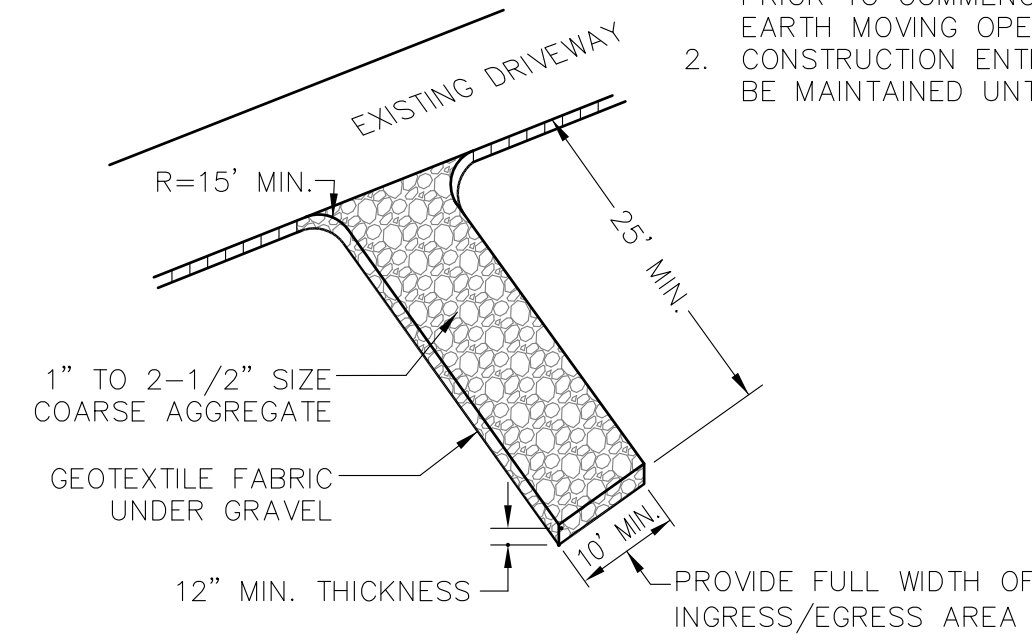
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JOB NO.: 17-063

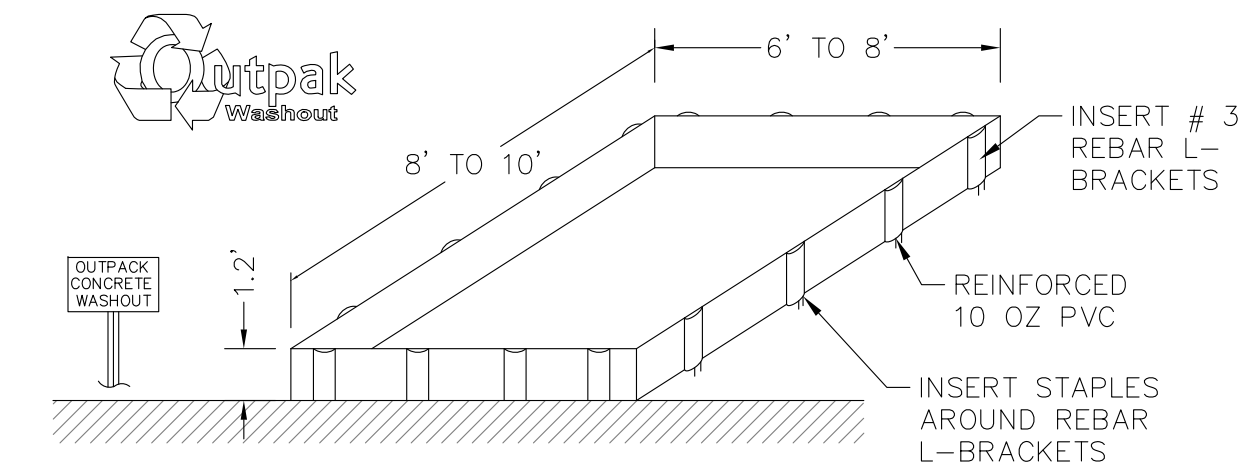
SHEET TITLE:
TENANT DETAILS
CA-4



CONSTRUCTION ENTRANCE NOTES:
 1. AGGREGATE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF EARTH MOVING OPERATIONS. CONSTRUCTION ENTRANCE TO BE MAINTAINED UNTIL REMOVED.

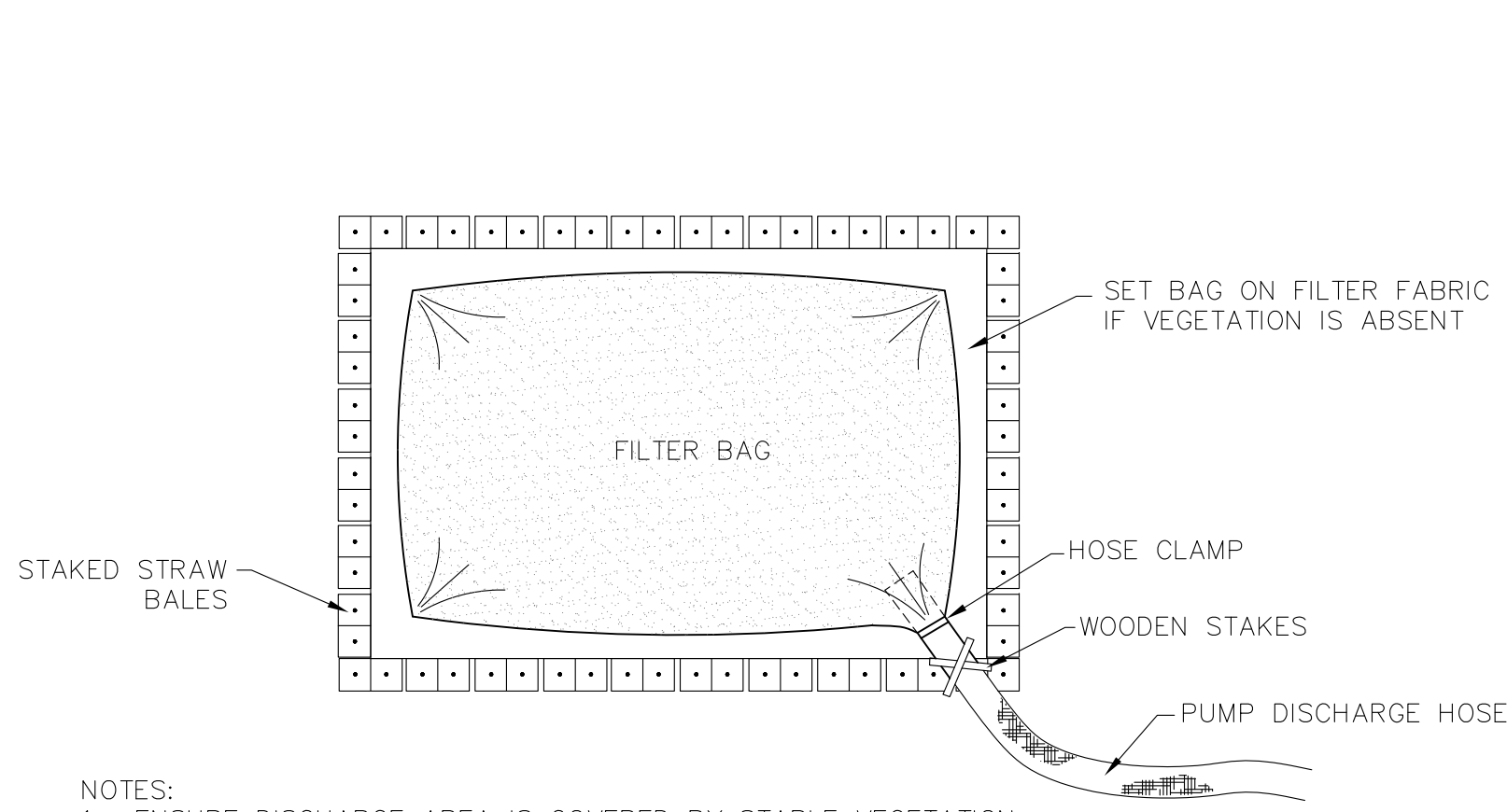


CONSTRUCTION ENTRANCE
 SCALE: NONE



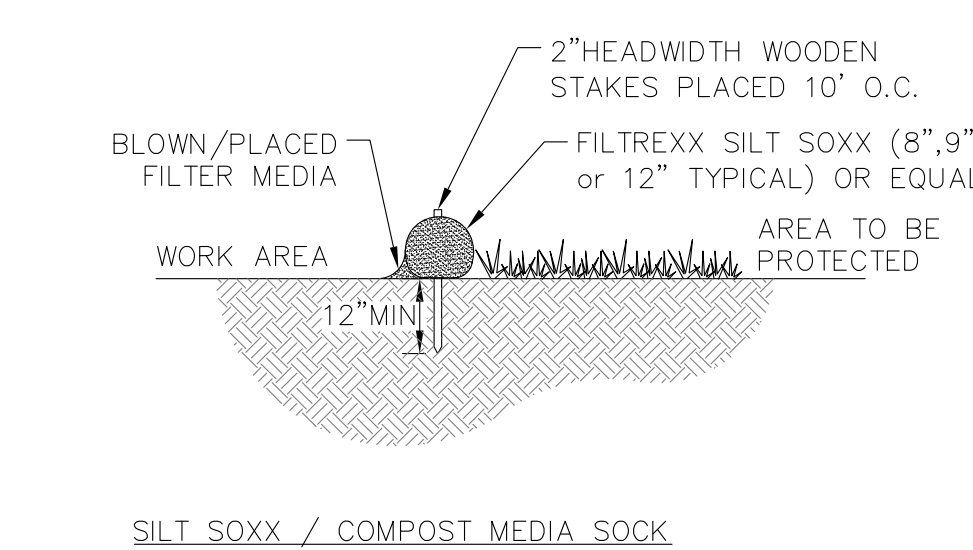
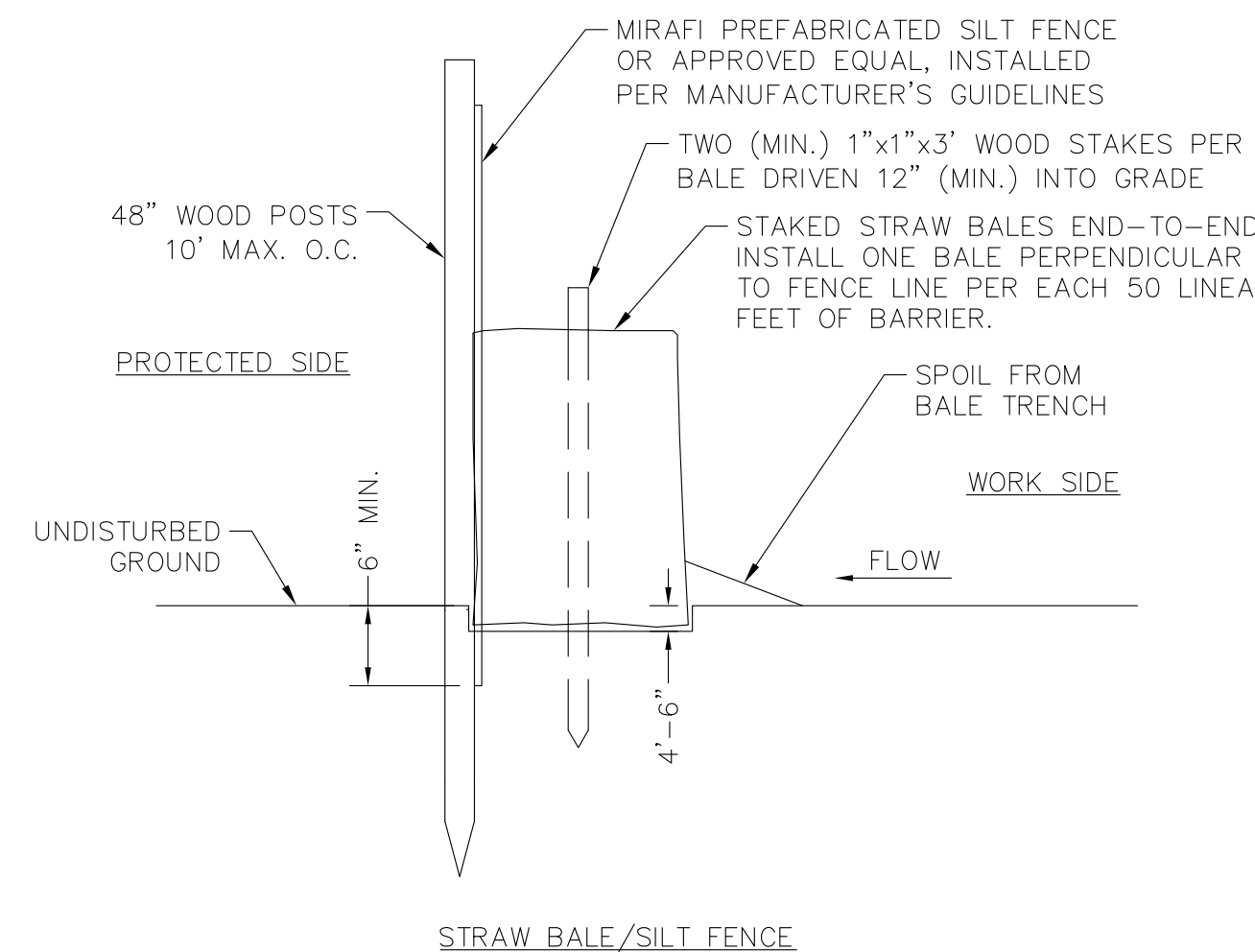
NOTES:
 1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT.
 2. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT.
 3. THE CONCRETE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE AND OTHER LIQUID WASTE.
 4. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
 5. DO NOT MIX EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT ON-SITE.
 6. DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
 7. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
 8. LOCATE WASHOUT AREA AT LEAST 50' (15 METERS) FROM STORM DRAINS, OPEN DITCHES, OR WATERBODIES.
 9. WASH OUT WASTES INTO THE OUTPAK WASHOUT AS SHOWN WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.

CONCRETE WASHOUT AREA
 SCALE: NONE



NOTES:
 1. ENSURE DISCHARGE AREA IS COVERED BY STABLE VEGETATION.
 2. USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING.
 3. TO BE PLACED AT AN UPLAND LOCATION THAT WILL ALLOW WATER TO DRAIN TO THE GROUND.
 4. SIZE OF STRAW BALE ENCLOSURE TO BE 10'x10' ADJUSTED TO WATER VOLUME.
 5. ADDITIONAL STRAW BALES MAY BE USED TO INCREASE RETENTION & FILTERING.

DEWATERING BASIN
 SCALE: NONE



NOTES:
 1. USE SILT SOXX WHERE CONDITIONS DO NOT ALLOW STAKES TO BE DRIVEN.
 2. SILT SOXX FILL TO MEET FILTREXX SPECIFICATIONS AND APPLICATION REQUIREMENTS.
 3. SILT SOXX COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
 4. FILTER MEDIA/STRAW BALES TO BE INERT AND FREE FROM INVASIVE WEEDS AND NON-NATIVE SPECIES.

EROSION CONTROL BARRIER
 SCALE: NONE

EROSION CONTROL NOTES

1. APPLICANT PROPOSES TO CONSTRUCT A CELLULAR TELECOMMUNICATIONS FACILITY CONSISTING OF A FENCED COMPOUND AND UTILITY WORK WITHIN A LEASE AREA AND EASEMENTS.
2. TEMPORARY SILT FENCE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT SITE CONSTRUCTION. STOCK PILE ON SITE 100 FT. OF SILT FENCE FOR EMERGENCY USE. TEMPORARY EROSION BARRIERS SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED.
3. THE CONTRACTOR SHALL CHIP ALL BRUSH AND SLASH CUTTINGS ON SITE AND STOCKPILE THE CHIPS TO BE USED ON ALL UNSTABLE, DISTURBED AREAS DURING CONSTRUCTION AS TEMPORARY STABILIZATION MULCH. NO BURNING WILL BE ALLOWED ON SITE.
4. TEMPORARY STABILIZATION MUST BE PROVIDED TO ANY DISTURBED EARTH THAT IS OPENED UP IN ANY ONE LOCATION FOR MORE THAN 14 DAYS. CHIPS FROM LAND CLEARING, EROSION CONTROL BLANKETS, OR FAST GROWING RYE GRASSES MAY BE USED FOR TEMPORARY STABILIZATION AS REQUIRED.
5. STRIPPED TOPSOIL SHALL BE STOCKPILED AND PROTECTED WITH STRAW MULCH. ALL STOCKPILES SHALL HAVE AN APPROVED SILTATION BARRIER TOTALLY SURROUNDING THE PILE. THE PILE SHALL BE IN AN APPROVED UPLAND AREA A MINIMUM OF TWENTY-FIVE FEET FROM ALL RESOURCE AREAS.
6. THE PHASING AND SEQUENCING OF THE WORK FOR THE SITE PREPARATION FOR THE TELECOMMUNICATIONS EQUIPMENT INSTALLATION CONSISTS OF INSTALLING TEMPORARY EROSION AND SEDIMENTATION CONTROL BARRIERS; CLEARING AND ROUGH GRADING AS NEEDED; FOUNDATION WORK; EXCAVATION FOR UTILITIES; BACK FILL FOUNDATIONS AND UTILITY TRENCHES; FENCED COMPOUND CONSTRUCTION; INSTALLATION OF TOWER AND GROUND EQUIPMENT; GROUNDING AND LIGHTNING PROTECTION; EQUIPMENT TESTING; FINAL GRADING AND STABILIZATION OF DISTURBED AREAS; LOAM AND SEED DISTURBED AREAS OUTSIDE COMPOUND; FINAL CLEANUP. THE ESTIMATED TIME FOR COMPLETION OF THE WORK IS APPROXIMATELY **SIXTEEN (16) WEEKS.**
7. THE COMPOUND ENCLOSURE IS SURFACED WITH CRUSHED STONE UNDERLAIN BY A WEED-BLOCK SYNTHETIC FILTER FABRIC. DRAINAGE PATTERNS, RUNOFF VOLUMES AND PEAK FLOW RATES WILL NOT BE ALTERED BY THE PROPOSED CONSTRUCTION.
8. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE FENCED COMPOUND SHALL BE PERMANENTLY ESTABLISHED WITH A NATIVE VEGETATIVE GROUND COVER AT THE CONCLUSION OF CONSTRUCTION. GRADED AREAS SHALL BE PROTECTED WITH STRAW MULCH UNTIL A GOOD VEGETATIVE COVER IS ESTABLISHED.
9. THE TOTAL IMPACT AREA OF THE DISTURBED CONSTRUCTION SITE IS BOUNDED BY THE "LIMIT OF WORK" AS SHOWN HEREON. THE MAXIMUM AREA OF DISTURBANCE WITHIN THE LIMIT OF WORK IS APPROXIMATELY **15,030 SQUARE FEET.** THE PROJECT IMPACT AREA IS BELOW THE EXEMPTION THRESHOLD OF 43,560 SQUARE FEET IN 40 CFR PARTS 9, 122-124 AND THEREFORE IS NOT SUBJECT TO REGULATION UNDER THE EPA NPDES GENERAL CONSTRUCTION PERMIT PROGRAM.
10. THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL SITE DEVELOPMENT WORK IN A MANNER THAT DOES NOT EXCEED THE LIMITS OF WORK SHOWN ON THE PLANS. ADDITIONALLY, THE PROJECT OWNER'S GENERAL CONTRACTOR SHALL CONDUCT ALL CONSTRUCTION ACTIVITIES IN A MANNER THAT DOES NOT RESULT IN STORM WATER DISCHARGES WITH AN ADVERSE IMPACT ON ANY RESOURCE AREAS OR DOWNSTREAM PROPERTIES.
11. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT FROM BEHIND SILTATION BARRIERS AND DISPOSE OF SILT EVENLY IN UPLAND AREAS. REMOVE ALL EROSION CONTROL DEVICES WHEN A GOOD VEGETATIVE COVER IS ESTABLISHED.
12. A CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.

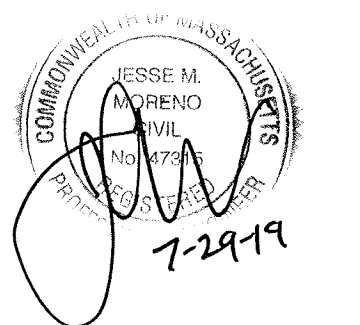
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SHEET TITLE:
EROSION CONTROL
PLAN & DETAILS

EC-1