



SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1384 S. DEERFIELD ROAD
CONWAY, MA 01341

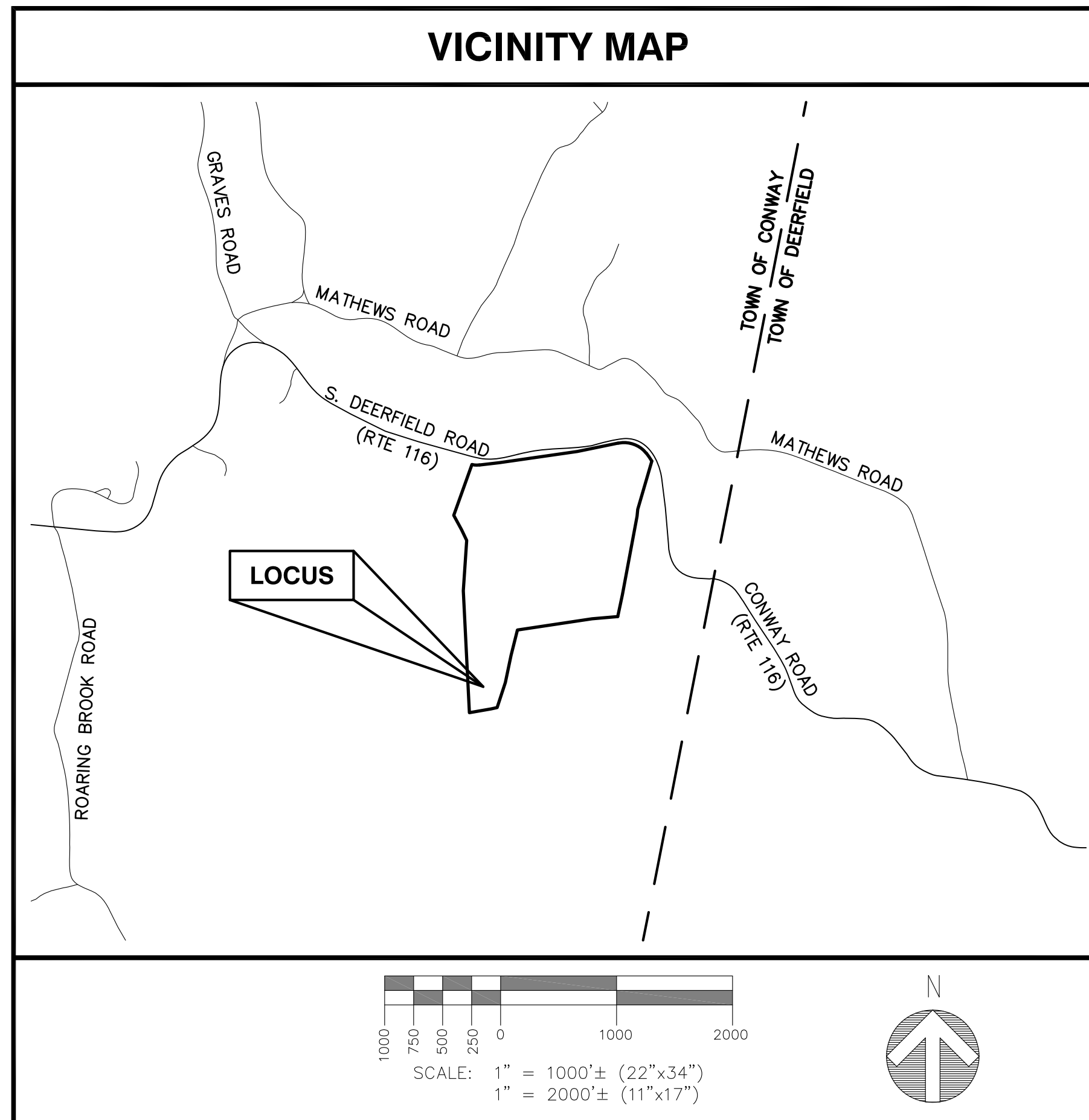
DRAWING INDEX

SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	0
C-1	ABUTTERS PLAN	A
C-2 TO C-3	EXISTING CONDITIONS	A
A-1	COMPILED PLOT PLAN	0
A-2	OVERALL SITE PLAN	0
A-3	COMPOUND PLAN & ELEVATION	0
P-1 TO P-3	DRIVEWAY PLAN & PROFILE	0
D-1 TO D-3	DETAILS	0
EC-1 TO EC-2	EROSION CONTROL PLAN & DETAILS	0

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER & VERTEX TOWER ASSETS, LLC REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.
- PLANS FOR PERMITTING PURPOSES ONLY. NOT FOR CONSTRUCTION.
- THIS PLAN SET 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.
- ALL WORK TO BE PERFORMED IN ACCORDANCE WITH VERTEX TOWER ASSETS, LLC CONSTRUCTION GUIDELINES.
- 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.
- NEW CONSTRUCTION WILL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES:
 BUILDING CODE: MASSACHUSETTS STATE BUILDING CODE 780 CMR – 9TH EDITION (IBC 2015) AND AMENDMENTS
 ELECTRICAL CODE: NEC 2017 WITH MASSACHUSETTS AMENDMENTS 527 CMR 12.00
- DEVELOPMENT AND COMPLETION OF A NPDES STORMWATER PERMIT FROM THE EPA IS REQUIRED.

VICINITY MAP



PROJECT INFORMATION

SITE TYPE:	RAW LAND
SCOPE OF WORK:	PROPOSED FENCED COMPOUND CONTAINING 150' TALL MONOPINE TOWER WITH GRAVEL DRIVEWAY EXTENSION AND UTILITIES FROM EXISTING SOURCES
SITE NAME:	CONWAY
SITE NUMBER:	VT-MA-0014A
SITE ADDRESS:	1384 S. DEERFIELD ROAD CONWAY, MA 01341
ASSESSOR'S TAX ID#:	411-121
ZONING DISTRICT(S):	RURAL RESIDENTIAL/AGRICULTURE (RR/A)
LATITUDE:	42° 30' 16.64"± N (SURVEY 1A)
LONGITUDE:	72° 39' 41.35"± W (SURVEY 1A)
(P) ELEVATION:	735.0'±
DATUM:	NAD83/NAVD88
PROPERTY OWNER(S):	N/F ERIC & KRISTA PLASSE P.O. BOX 904 CONWAY, MA 01341
APPLICANT:	VERTEX TOWER ASSETS, LLC 155 SOUTH STREET SUITE 205 WRENTHAM, MA 02093
SITE ENGINEER:	PROTERRA DESIGN GROUP, LLC 4 BAY ROAD BUILDING A; SUITE 200 HADLEY, MA 01035
SURVEYOR:	NORTHEAST SURVEY CONSULTANTS 116 PLEASANT STREET SUITE 302 PO BOX 109 EASTHAMPTON, MA 01027

PERMITTING

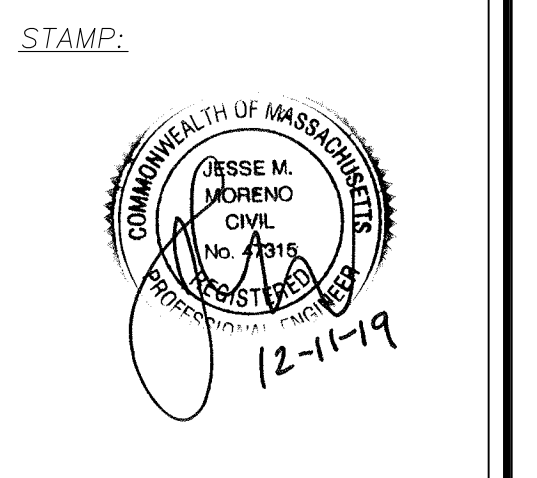
ProTerra
DESIGN GROUP, LLC

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

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	11/11/19	ISSUED FOR PERMITTING

TITLE:
 SITE NAME: CONWAY
 SITE NUMBER: VT-MA-0014A
 ADDRESS: 1384 S. DEERFIELD ROAD
 CONWAY, MA 01341

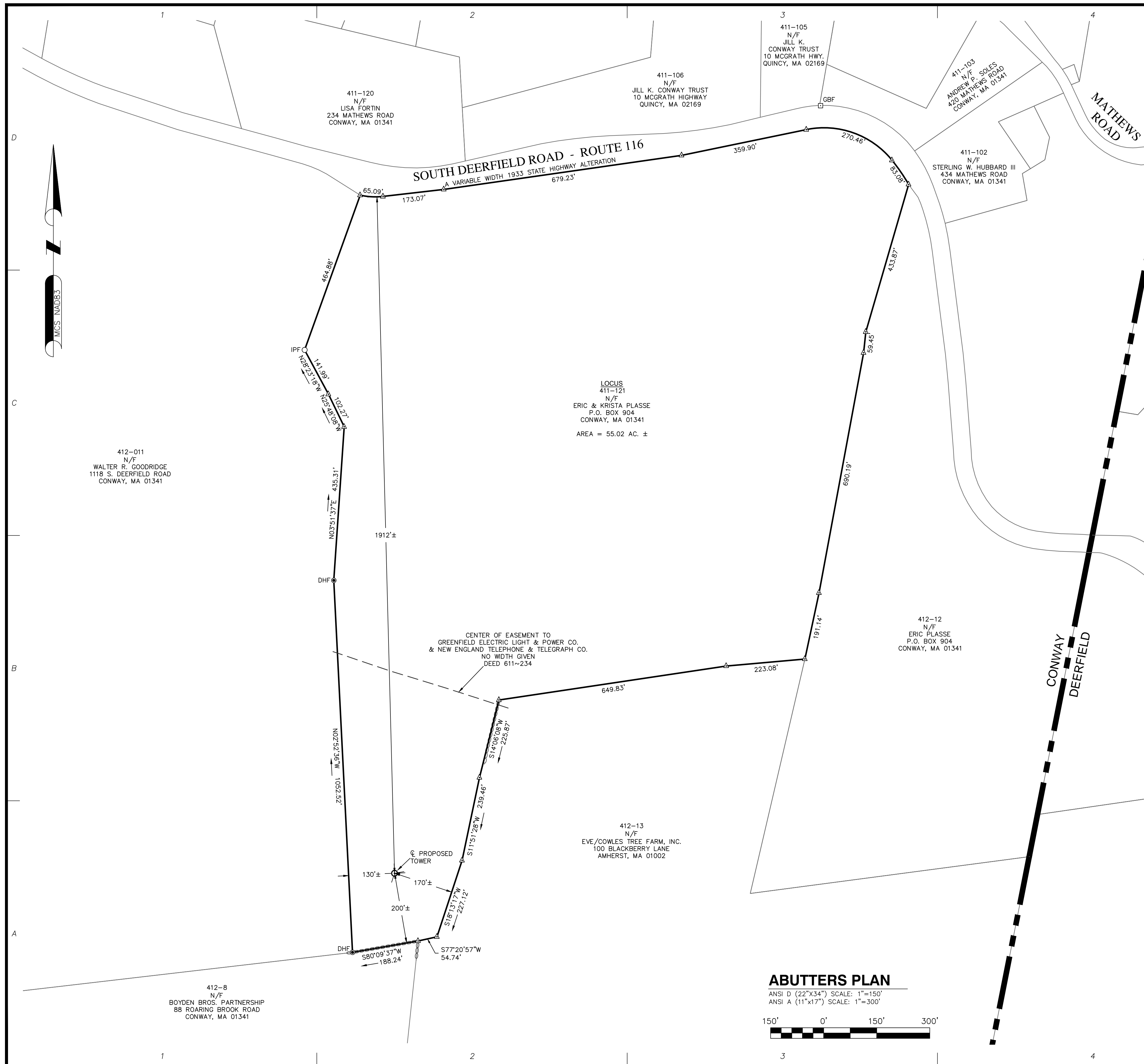
APPLICANT:
 VERTEX TOWER ASSETS, LLC
 155 SOUTH STREET
 SUITE 205
 WRENTHAM, MA 02093



DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015
SHEET TITLE:

TITLE SHEET

T-1



ABUTTERS PLAN

ANSI D (22"x34") SCALE: 1"=150'
ANSI A (11"x17") SCALE: 1"=300'



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
DANIEL F. STASZ, PLS #47160

2/22/2019
DATE

SURVEY NOTES

- SITE DETAIL SHOWN ON THIS SURVEY IS BASED ON FIELD DATA COLLECTED ON DECEMBER 20, 2018, JANUARY 2, 2019 & JANUARY 5, 2019.
- THE PURPOSE OF THIS SURVEY IS TO SUPPORT THE DESIGN AND CONSTRUCTION OF A TELECOMMUNICATION FACILITY. USE OF THIS SURVEY BY ANYONE OTHER THAN VERTEX TOWER ASSETS, 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 DECEMBER 20, 2018. 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. 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 MAP 411 LOT 121 IN THE TOWN OF CONWAY TAX ASSESSOR'S DATABASE.
- THE PROJECT AREA IS LOCATED IN FLOOD ZONE "C" (AREAS OF MINIMAL FLOODING) AS SHOWN ON FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 250114 0010 B, DATED JUNE 4, 1980.
- THE LOCUS PARCEL AND ALL ADJOINING PARCELS ARE LOCATED IN THE TOWN OF CONWAY "RURAL RESIDENTIAL / AGRICULTURE" ZONING DISTRICT.
- 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
- WETLANDS SHOWN HEREON WERE DELINEATED BY LUCAS ENVIRONMENTAL, LLC. ON 12-3-2018.
- GROUND TOPOGRAPHY WAS COLLECTED ONLY IN THE AREAS LABELED "LIMITS OF GROUND TOPO". ALL OTHER CONTOURS SHOWN HEREON WERE GENERATED IN ARCMAP FROM DIGITAL ELEVATION MODELS OF THE MASSACHUSETTS Q11 LIDAR DATA COLLECTED BY USGS IN 2015 AND DISTRIBUTED BY MASSGIS.

PROPERTY OWNER: ERIC & KRISTA PLASSE
P.O. BOX 904
CONWAY, MA 01341

LOCUS DEED REFERENCE: BOOK 3785 PAGE 5

PLAN REFERENCES: PLAN BOOK 39 PAGE 98

LEGEND

- TOWER CONTROL POINT
- △ CALCULATED POINT
- IPF IRON PIPE FOUND
- CBF/GBF GRAN. BOUND FOUND
- DHF DRILL HOLE FOUND
- LOCUS PROPERTY LINE
- ABUTTERS PROPERTY LINE
- TOWN LINE
- STONEWALL

ProTerra
DESIGN GROUP, LLC

4 Bay Road
Building A, Suite 200
Hadley, 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
A	2/22/19	ISSUED FOR REVIEW

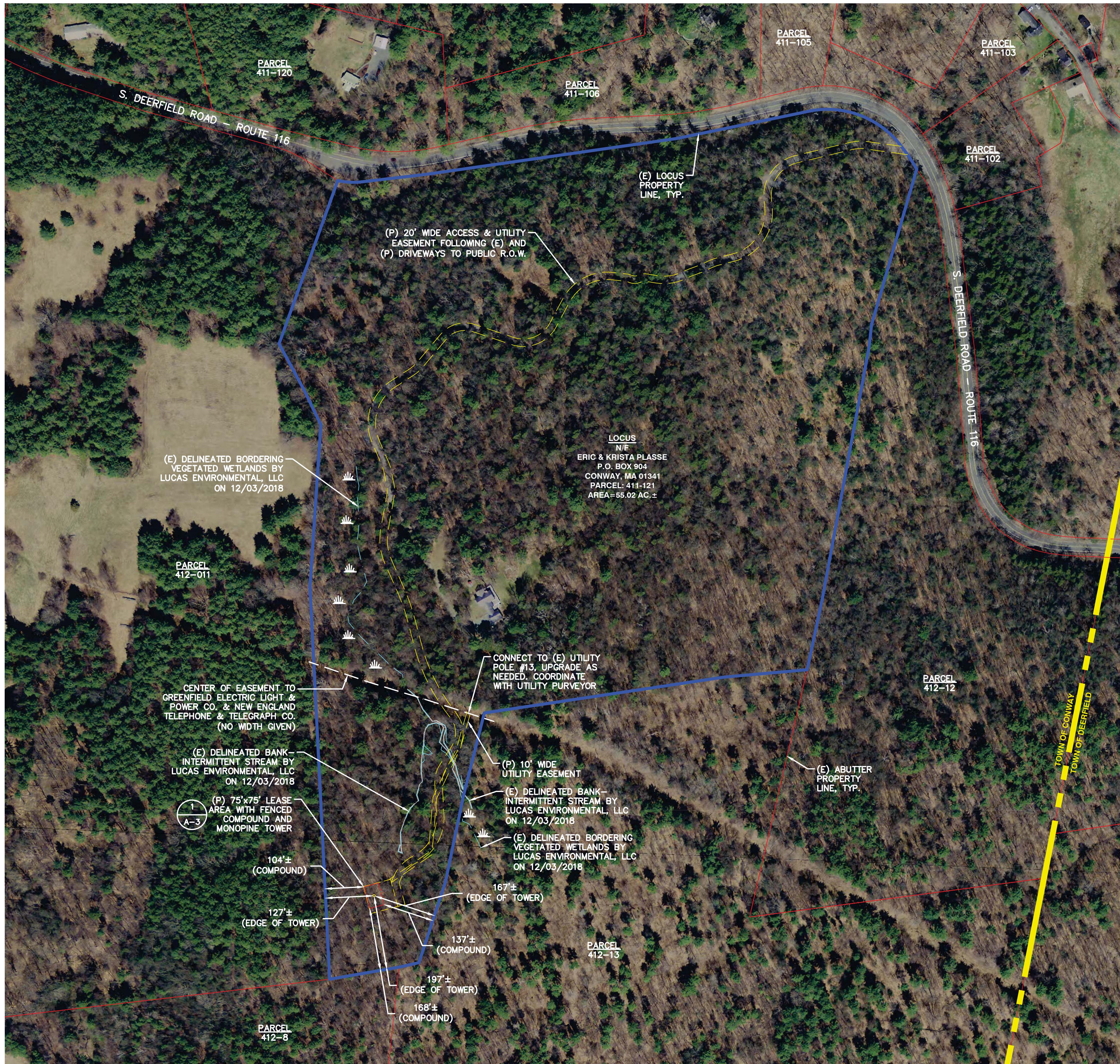
SITE NAME: CONWAY
SITE NUMBER: VT-MA 0014A
ADDRESS: 184 S DEERFIELD ROAD
CONWAY, MA 01341

APPLICANT:
Vertex Towers LLC
VERTEX TOWER ASSETS, LLC
155 SOUTH STREET, SUITE 205
WRENTHAM, MA 02093

STAMP:

DATE: 2/22/2019
DRAWN: JDG
CHECK: BCF
SCALE: 1"=150'
JOB NO.: 18-354

SHEET TITLE:
ABUTTERS PLAN
C-1



REFERENCES

PROPERTY LINE, TOPOGRAPHY AND EXISTING FEATURES – SEE SHEETS C-1 TO C-3 PREPARED BY NORTHEAST SURVEY CONSULTANTS DATED JANUARY 8, 2019

ZONING DISTRICTS – "TOWN OF CONWAY OFFICIAL ZONING MAP" NOVEMBER 7, 2013

THE FOLLOWING DATALAYERS PREPARED BY THE OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS MASSIT – USGS COLOR ORTHO IMAGERY (2013/2014) (APRIL 2013/2014)

FLOODPLAIN – FLOOD INSURANCE RATE MAP (FIRM) MAP NUMBER 2501140010B EFFECTIVE DATE JUNE 4, 1980 PREPARED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA). ENTIRE AREA SHOWN IS WITHIN ZONE "C": AREAS OF MINIMAL FLOODING (NO SHADING)

WETLANDS – DELINEATED BY LUCAS ENVIRONMENTAL, LLC ON DECEMBER 3, 2018 AND FIELD LOCATED BY NORTHEAST SURVEY CONSULTANTS

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): RURAL RESIDENTIAL/AGRICULTURE (RR/A)

ASSESSOR'S ID#: 411-121

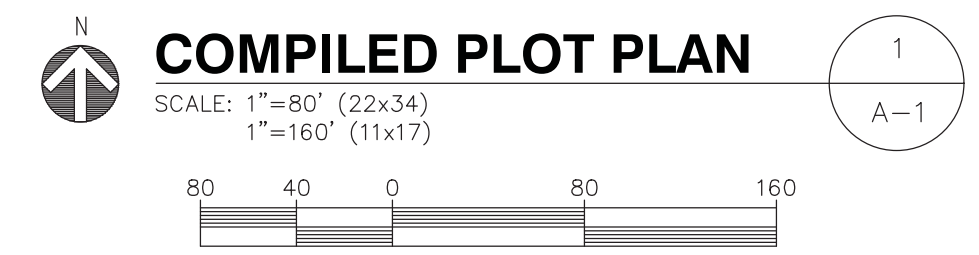
(P) USE: WIRELESS COMMUNICATIONS FACILITY¹

DIMENSION	PROVIDED	CONSTRAINT
LOT – AREA	55.02± ACRES	1 AC. MIN.
LOT – FRONTAGE	1631'±	200' MIN.
(P) COMPOUND – FRONT YARD	1878'±	50' MIN.
(P) COMPOUND – REAR YARD	168'±	25' MIN.
(P) COMPOUND – SIDE YARD	104'±	25' MIN.
(P) TOWER – HEIGHT (HIGHEST APPURTENANCE)	150'± (156'±) ²	120' MAX.
(P) TOWER – PROPERTY LINE	127'±	–

- 1 – TOWN OF CONWAY, MA PROTECTIVE ZONING BYLAW ARTICLE 8: "THE CONWAY PLANNING BOARD SHALL ISSUE SPECIAL PERMIT TO DULY LICENSED WIRELESS CARRIERS..."
 - 2 – TOWN OF CONWAY, MA PROTECTIVE ZONING BYLAW ARTICLE 8 – (e)(4): "... NEW TOWERS SHALL BE THE MINIMUM HEIGHT NECESSARY TO COMPLY WITH THE PURPOSE OF THIS BYLAW, AND NOT EXCEED 120 FEET."
- SPECIAL CONSIDERATIONS MAY BE REQUIRED FOR THE FOLLOWING:

DISTURBANCE SUMMARY

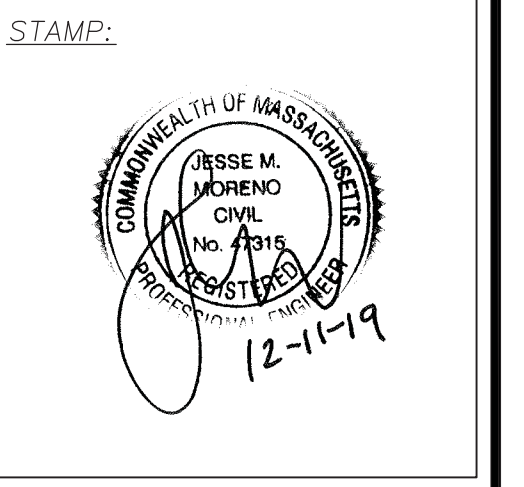
ITEM	AREA (SF)
TREE CLEARING	60,960
GRAVEL SURFACE (COMPOUND & DRIVEWAY)	17,350
RIPRAP (DRAINAGE)	11,720
LOAM & SEED	34,940
TOTAL EARTH DISTURBANCE	64,010
TEMPORARY RESOURCE DISTURBANCE FOR CROSSING INSTALL	415
TEMPORARY "BANK – INTERMITTENT STREAM" FOR CROSSING INSTALL	70 LF



NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	11/2/19	ISSUED FOR REVIEW
C	11/2/19	ISSUED FOR PERMITTING

SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1884 S. DEERFIELD ROAD
CONWAY, MA 01841

APPLICANT:
Vertex Towers LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02098



DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015
SHEET TITLE:

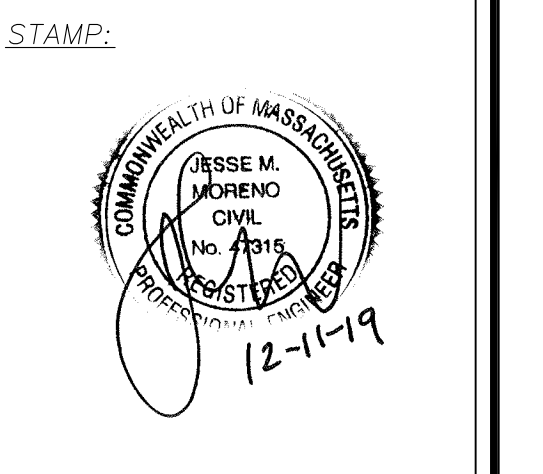
COMPILED PLOT PLAN

A-1

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	11/17/19	ISSUED FOR PERMITTING

SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1894 S. DEERFIELD ROAD
CONWAY, MA 01841

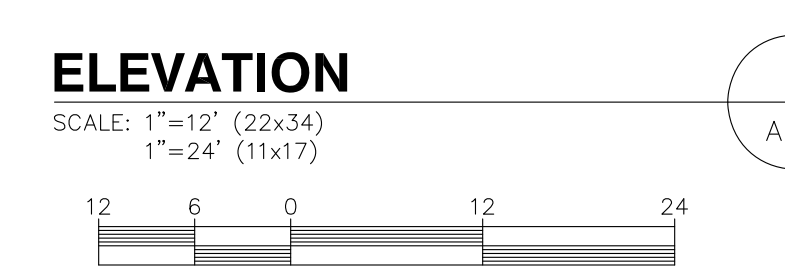
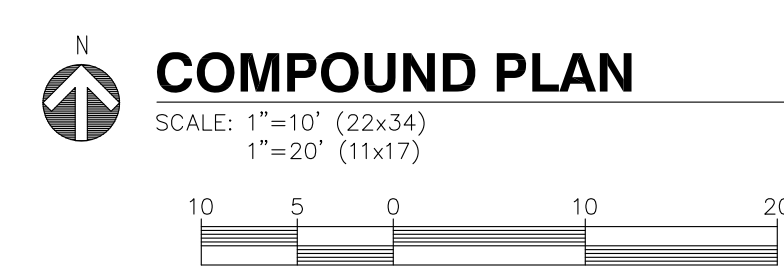
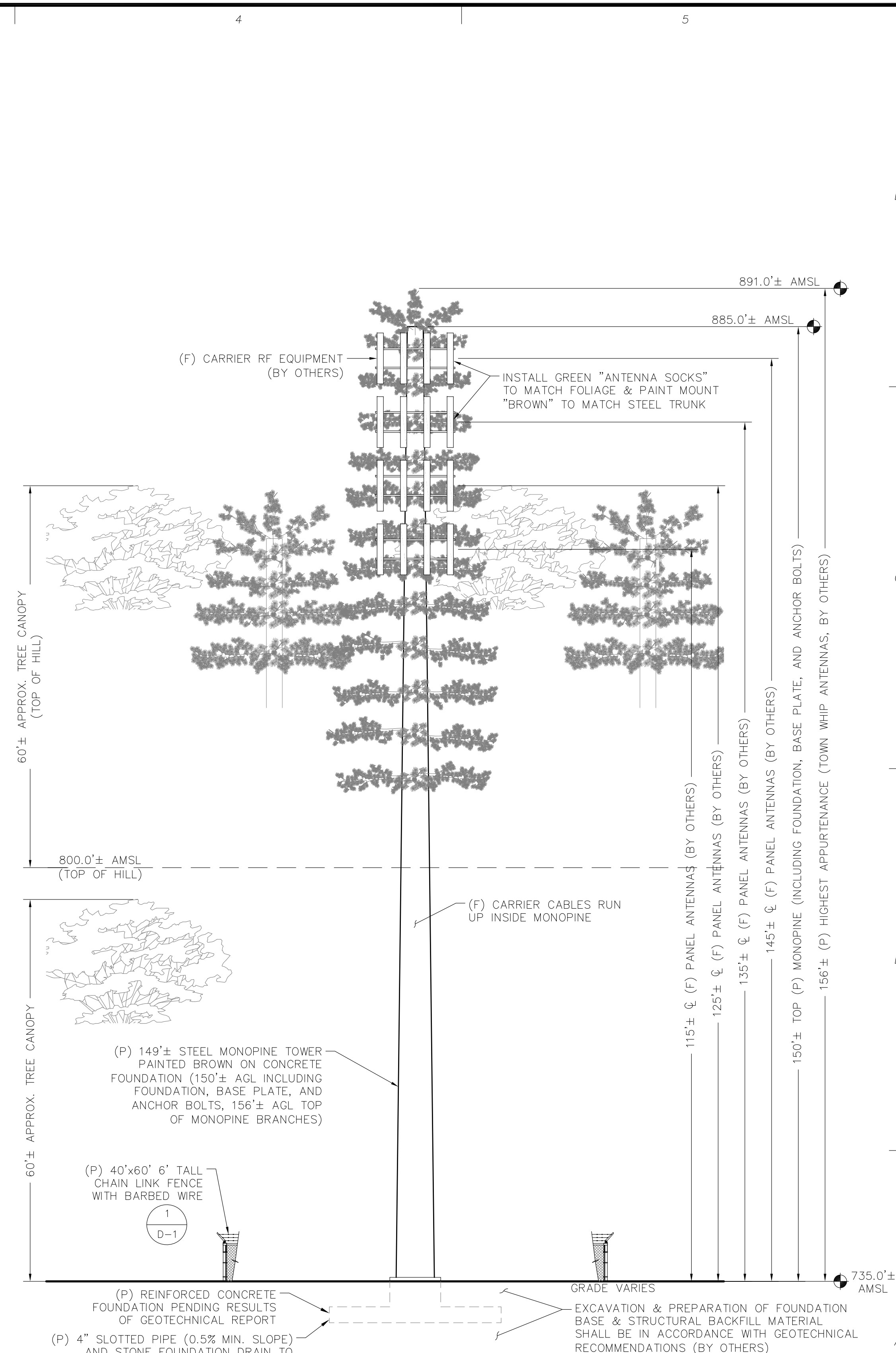
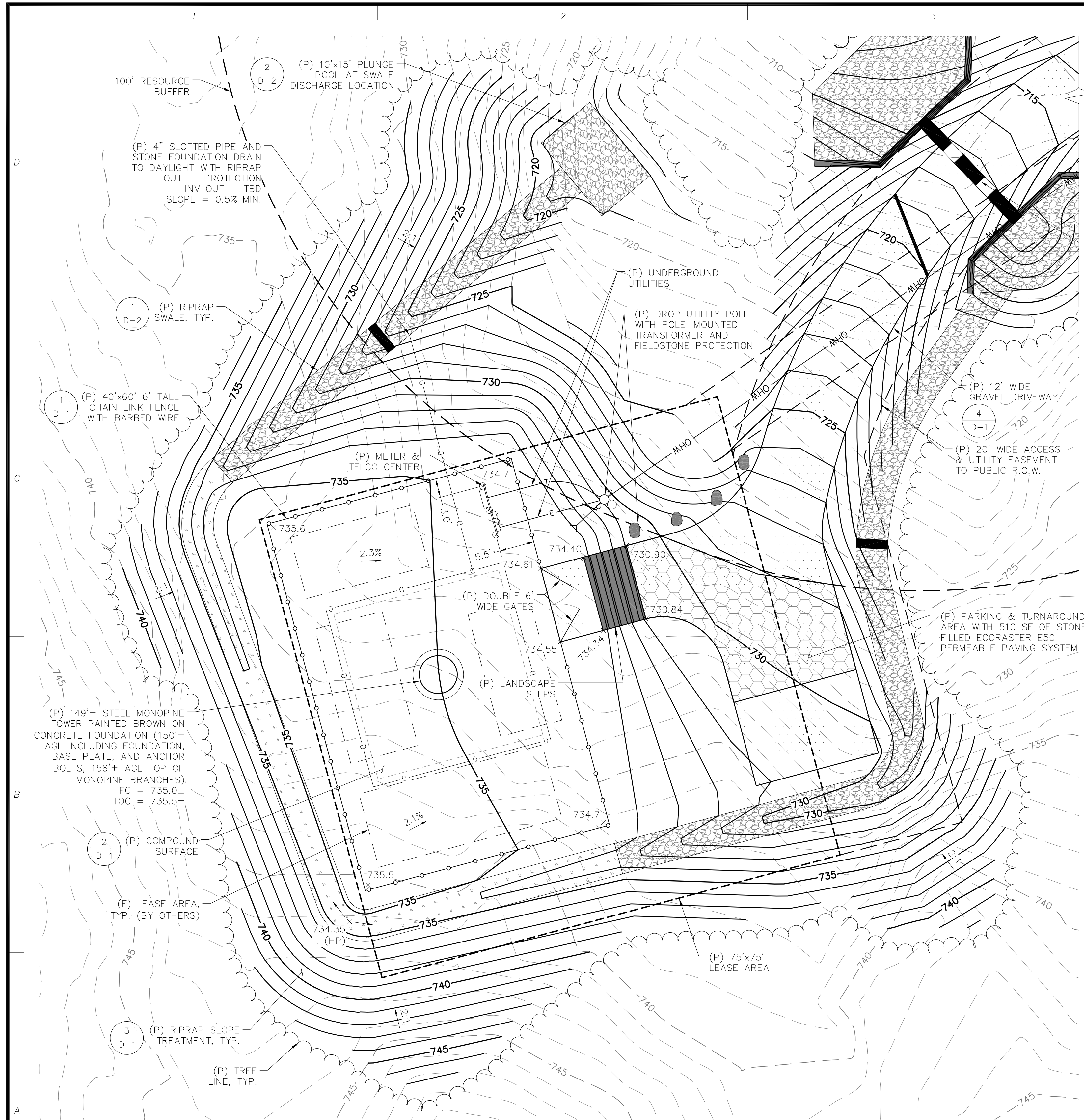
APPLICANT:
Vertex Towers LLC
VERTEX TOWER ASSETS, LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02093

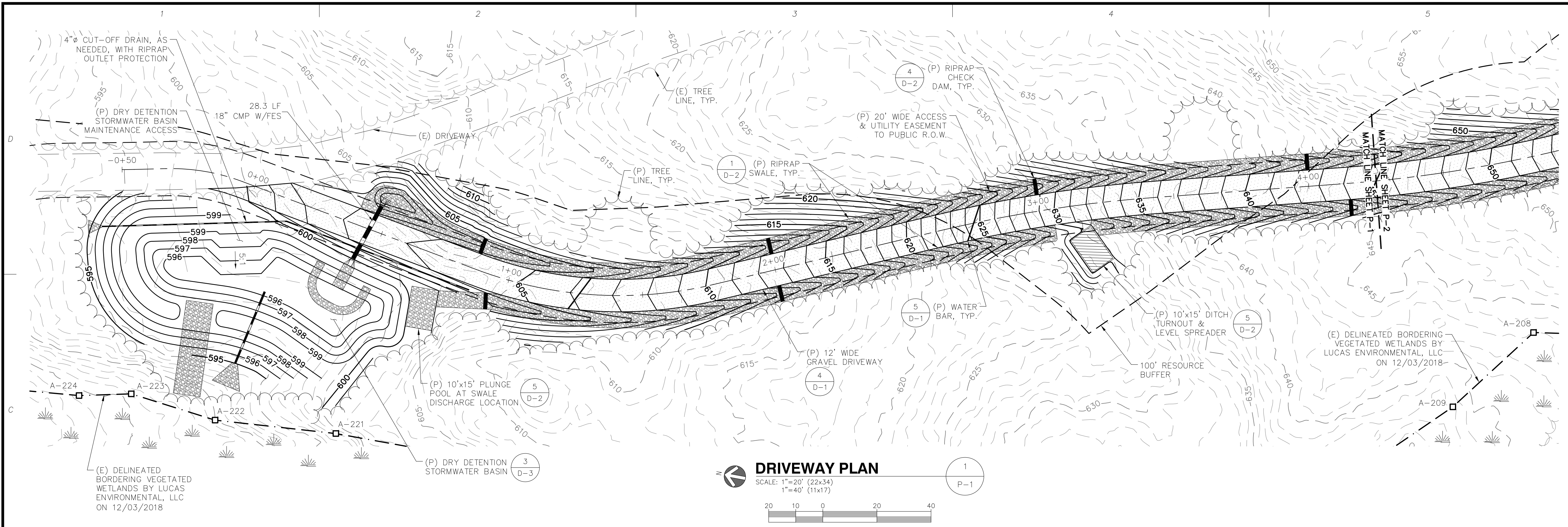


DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015

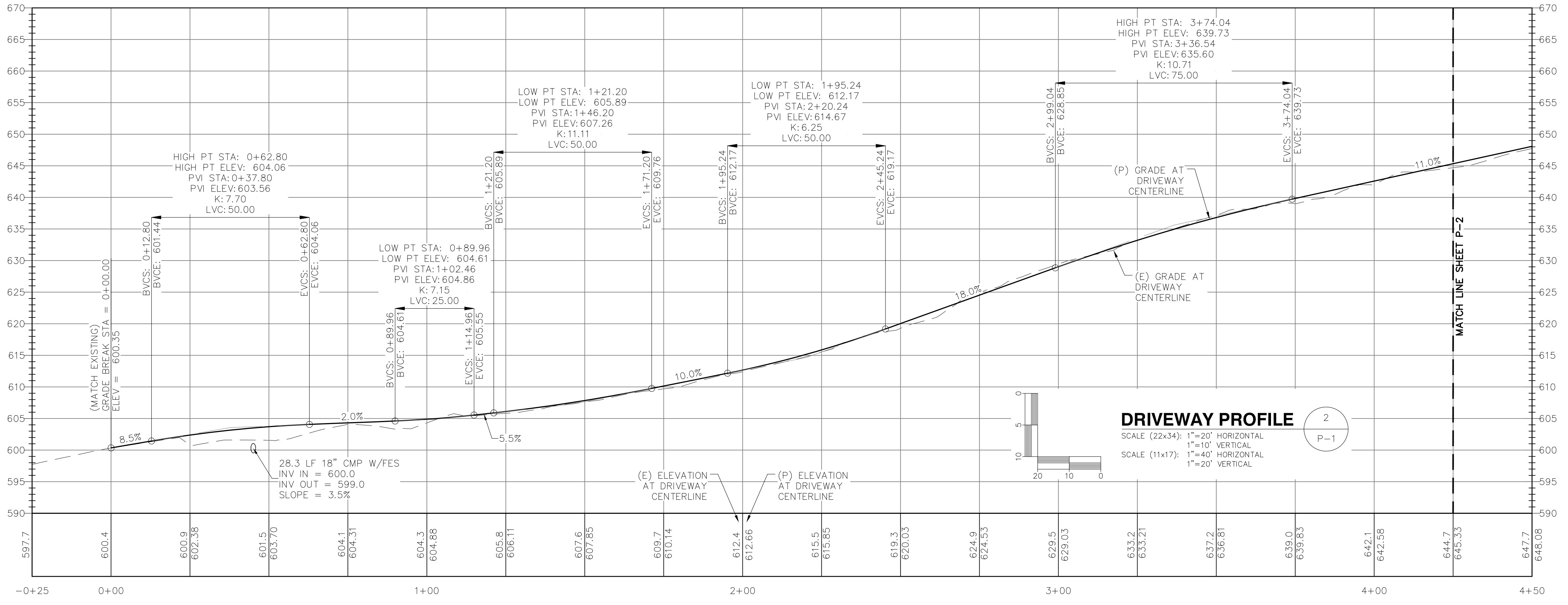
SHEET TITLE:
**COMPOUND PLAN
& ELEVATION**

A-3





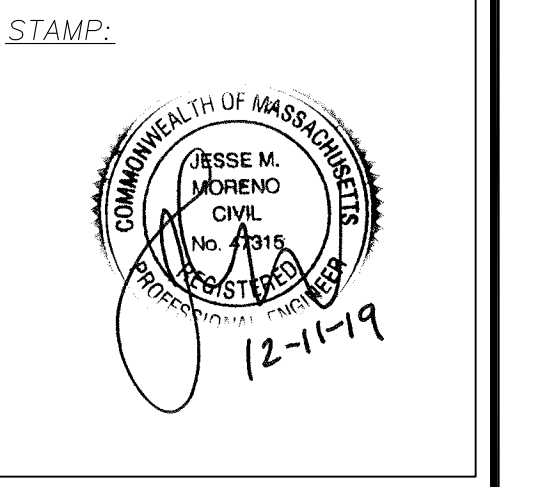
NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
D	12/11/19	ISSUED FOR PERMITTING



SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1984 S. DEERFIELD ROAD
CONWAY, MA 01841

APPLICANT:
VERTEX TOWER ASSETS, LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02098

Vertex Towers LLC



DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015

SHEET TITLE:
DRIVEWAY PLAN & PROFILE
P-1

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	12/11/19	ISSUED FOR PERMITTING

SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1984 S. DEERFIELD ROAD
CONWAY, MA 01841

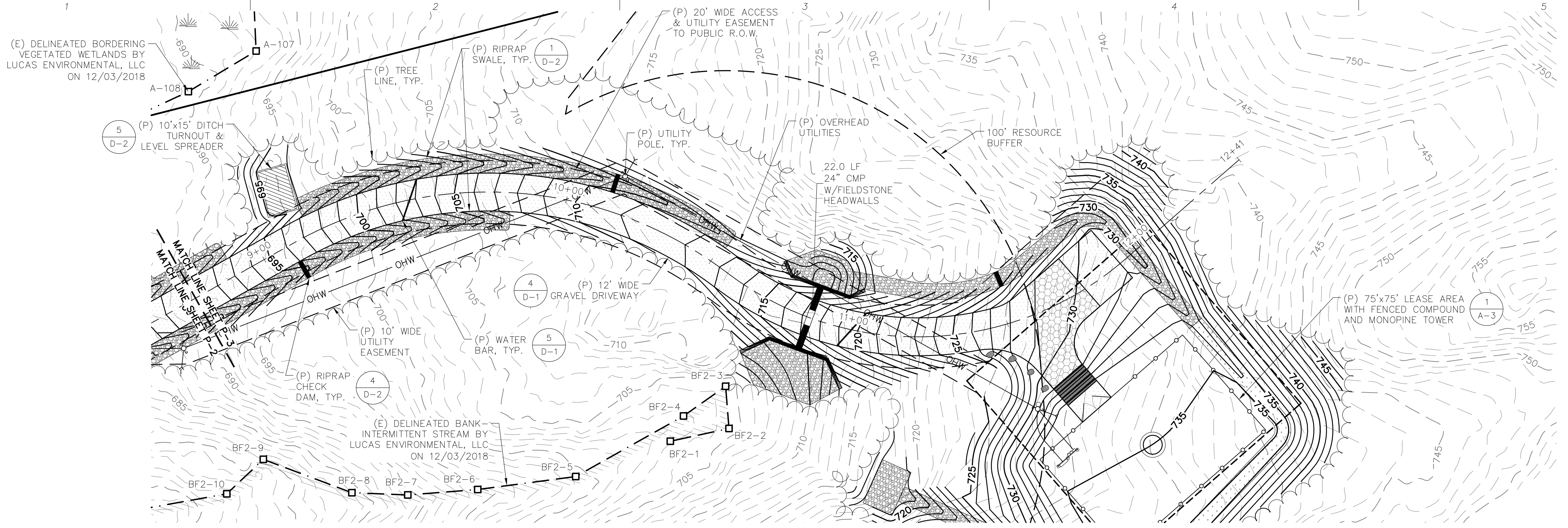
APPLICANT:
Vertex Towers LLC
VERTEX TOWER ASSETS, LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02093

STAMP:

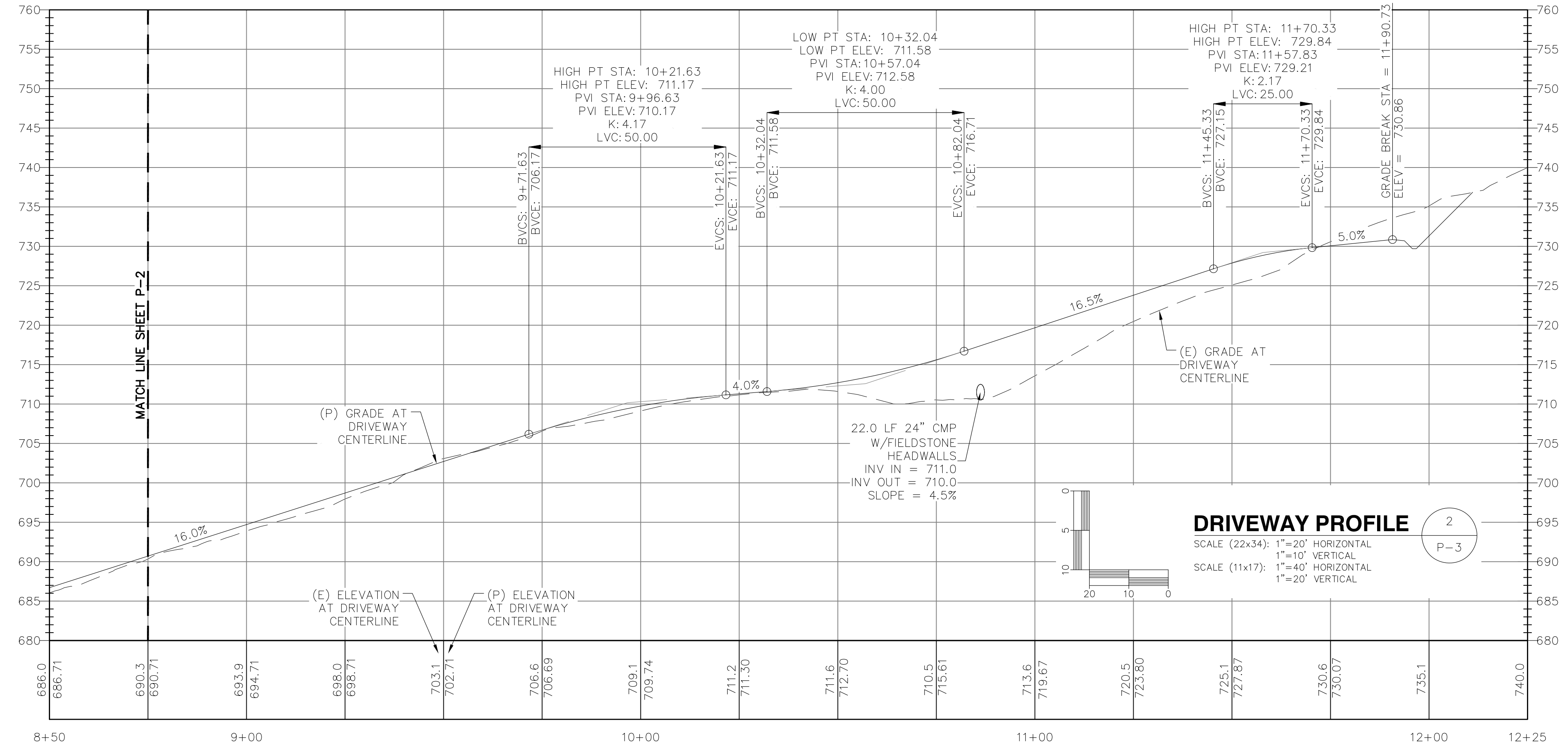
DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015

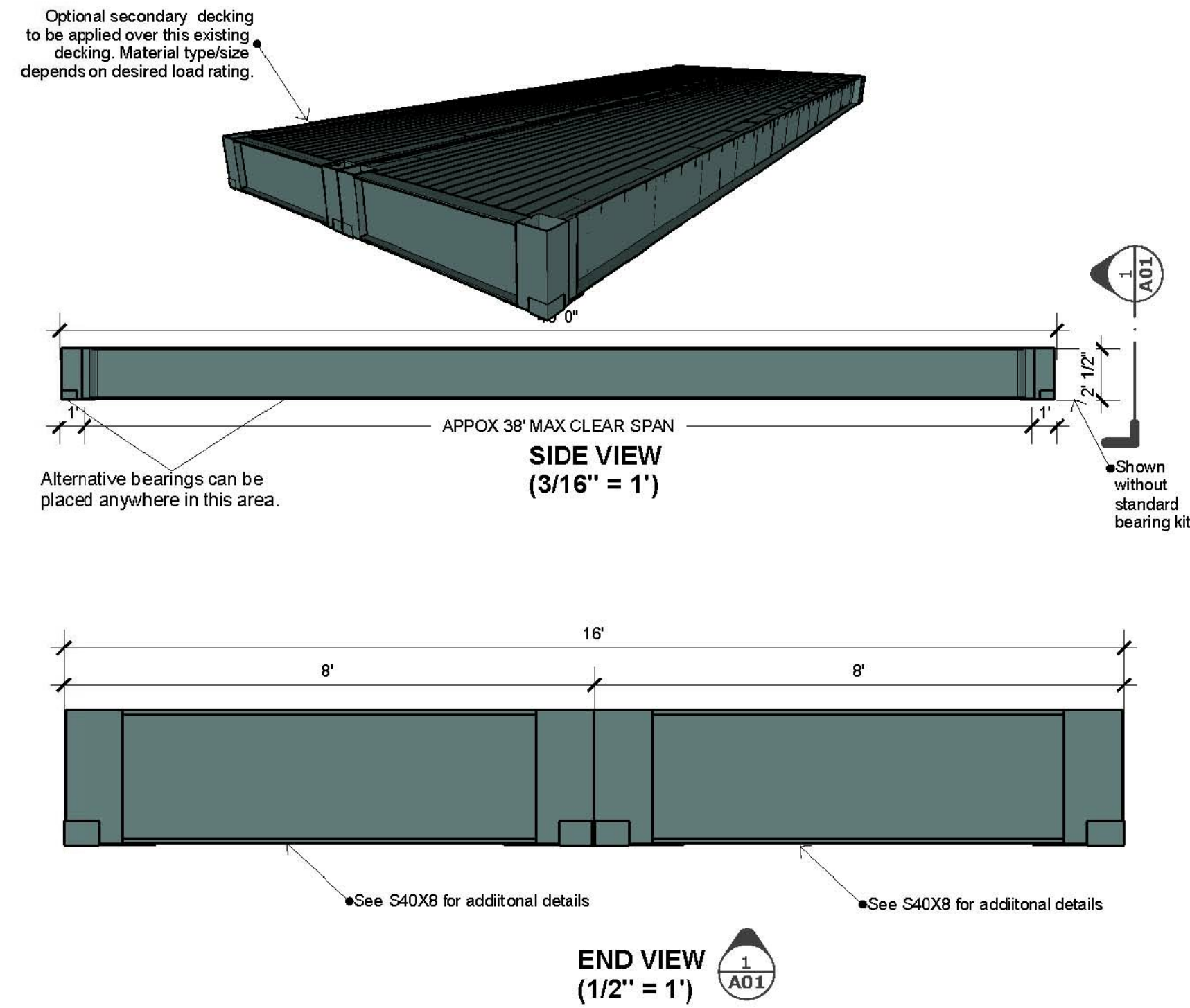
SHEET TITLE:
DRIVEWAY PLAN & PROFILE

P-3



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





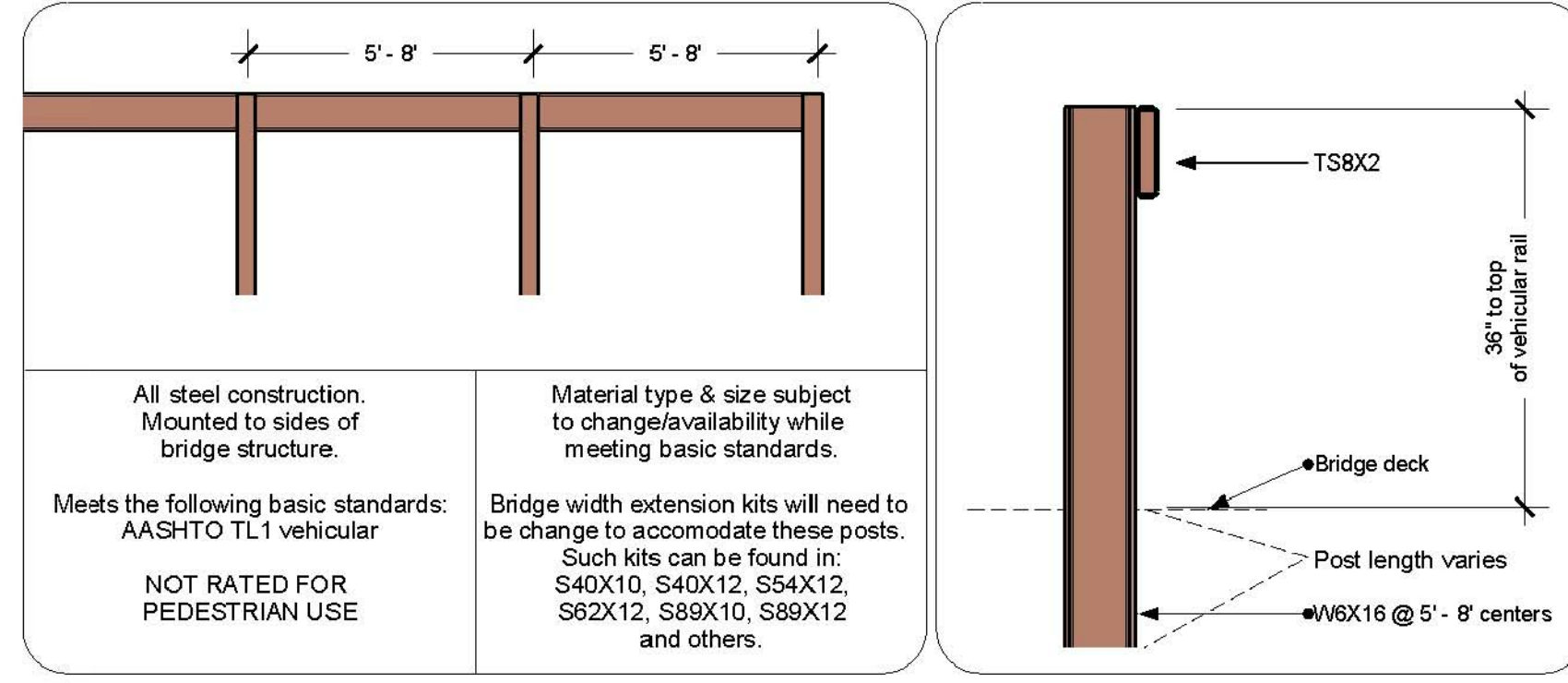
DRAWING NUMBER
S40X16

ORIGINAL ISSUE
07-10-13
REVISED
07-10-13

DRAWING NAME:
NOAH FIGUEROA
40' X 16' X 2' basic
Generic plans
Weight = Approx. 24,000 lbs
(12,000 lbs per section)

A

01/01



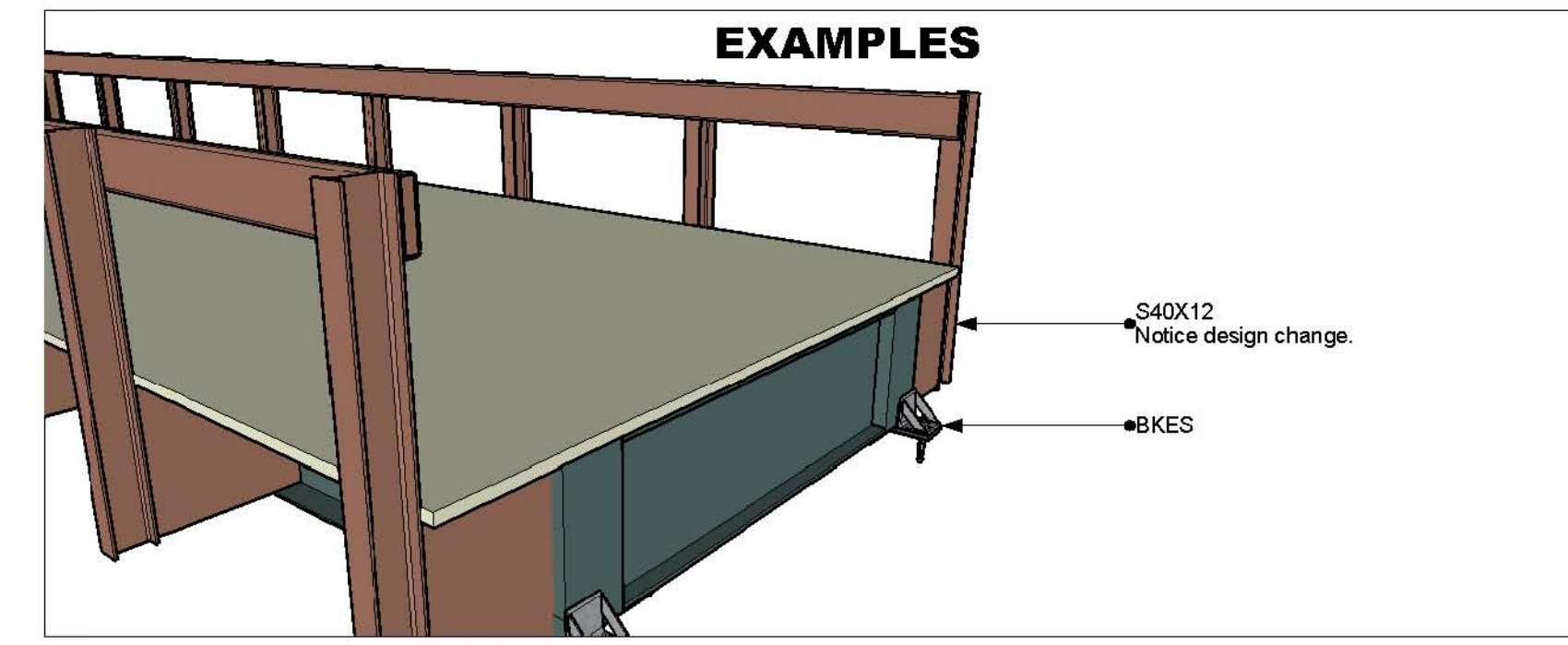
DRAWING NUMBER
GV10

ORIGINAL ISSUE
07-17-13
REVISED
07-17-13

DRAWING NAME:
NOAH FIGUEROA
Guardrail TL1 Vehicular
All new steel

A

01/01



16' WIDE x 40' LONG BRIDGE SECTION

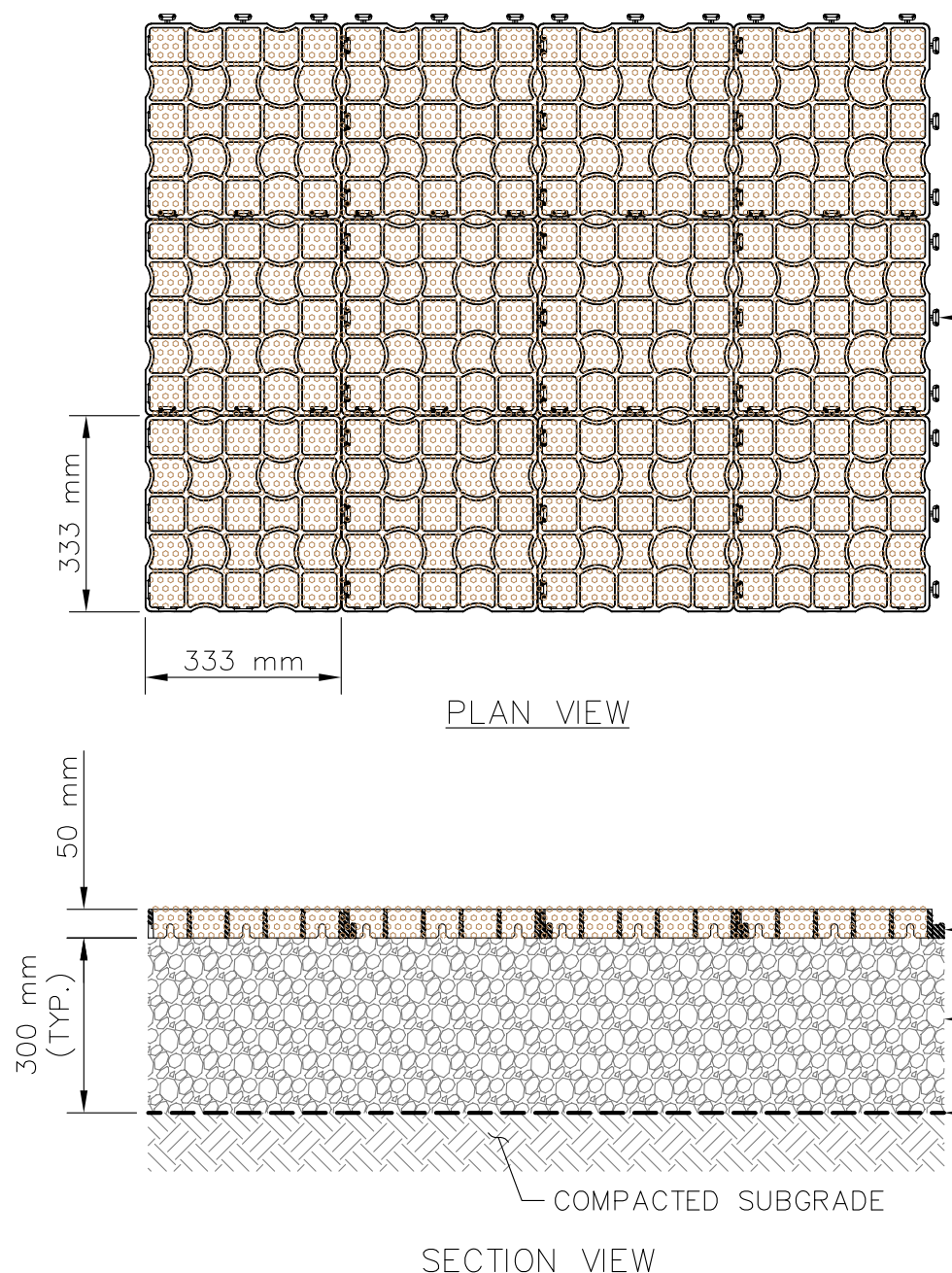
NOTE:
BRIDGE ABUTMENTS SHALL UTILIZE PRECAST
CONCRETE BLOCKS WITH LIMESTONE FACE STYLE
BY PARAGON BRIDGE WORKS OR APPROVED EQUAL.

BRIDGE GUARDRAIL SECTION

REFURBISHED RAILROAD CAR BRIDGE

SCALE: NONE

1
D-3



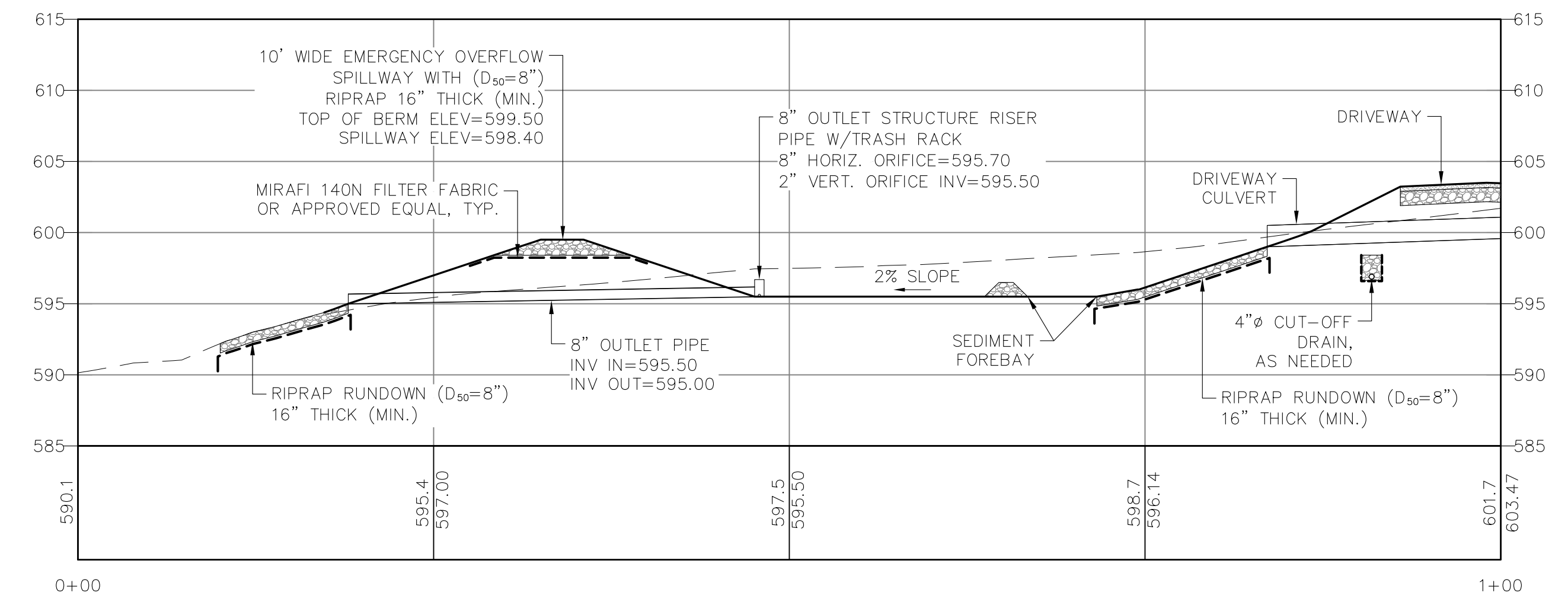
**ECORASTER E50
PERMEABLE PAVING SYSTEM**

SCALE: NONE

2
D-3

NOTES:

1. 1/4" CHIP CLEAR OR OTHER SUITABLE CLEAR STONE FOR GRANULAR BASE LAYER TO INCREASE WATER STORAGE CAPACITY.
2. IF CLEAR STONE IS USED FOR GRANULAR LAYER, THEN A NONWOVEN GEOTEXTILE SHOULD BE USED AS A SEPARATION LAYER BETWEEN THE CLEAR STONE BASE AND THE SUBGRADE.
3. SUBGRADE SHOULD BE SLOPED TO AID IN DRAINAGE.
4. ALL DIMENSIONS IN mm UNLESS STATED OTHERWISE.
5. THIS DRAWING IS FOR CONCEPTUAL DESIGN PURPOSES ONLY, NOT FOR CONSTRUCTION.



**DRY DETENTION
STORMWATER BASIN**

SCALE: NONE

3
D-3

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	11/17/19	ISSUED FOR PERMITTING

SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
SITE ADDRESS: 1984 S. DEERFIELD ROAD
CONWAY, MA 01841

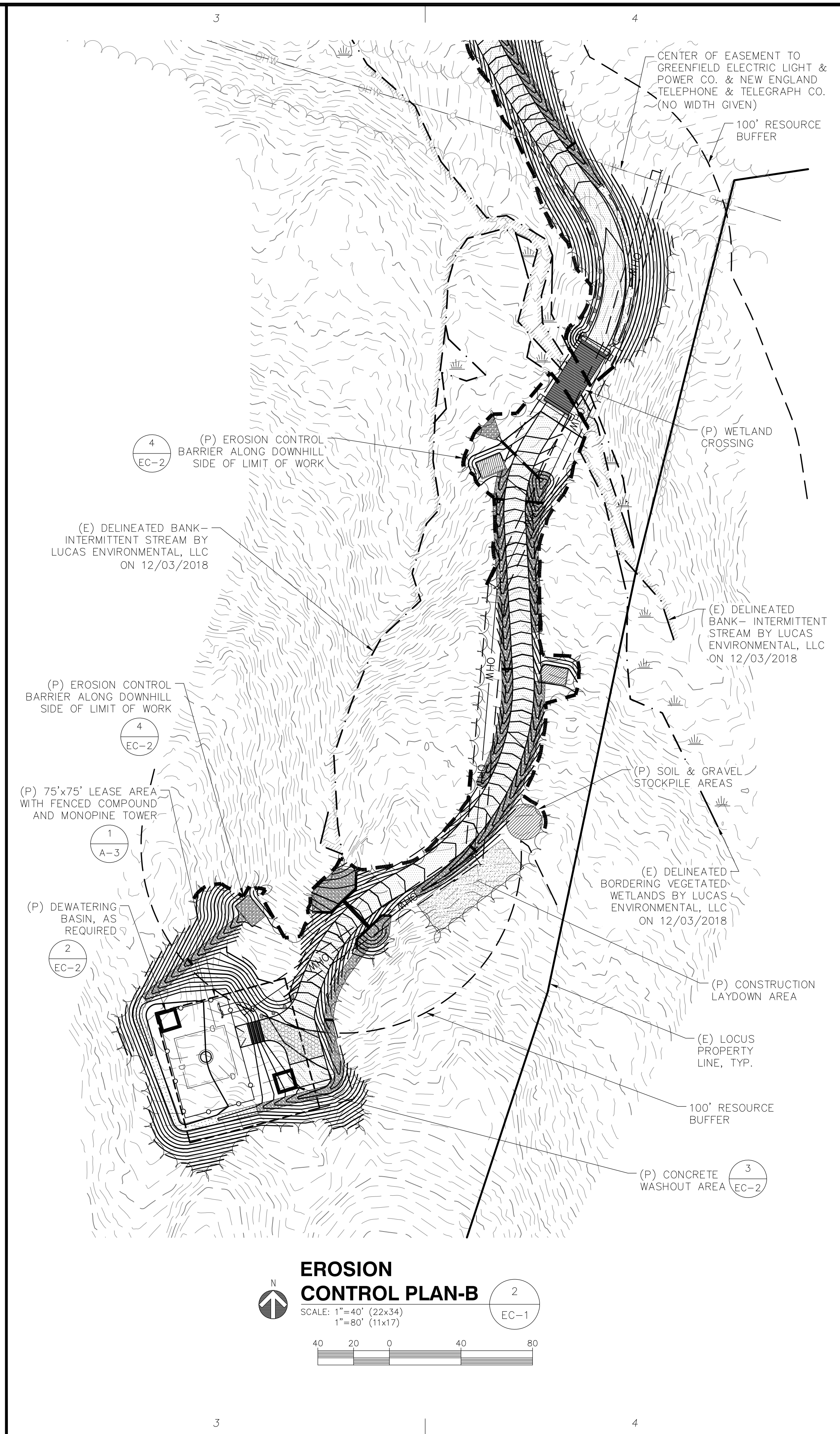
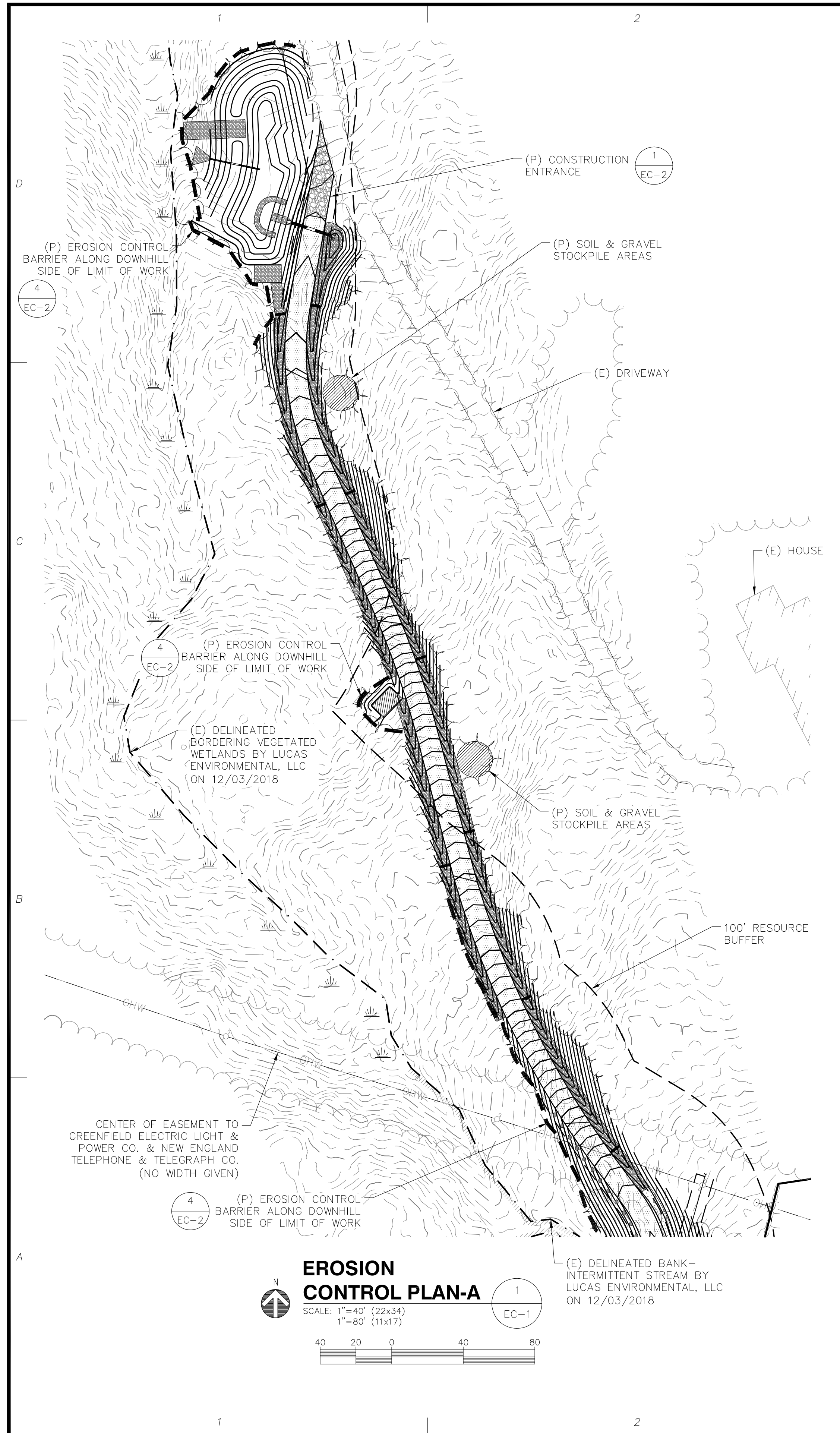
APPLICANT:
Vertex Towers LLC
VERTEX TOWER ASSETS, LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02098

STAMP:

DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015
SHEET TITLE:

DETAILS

D-3



- ### EROSION CONTROL NOTES
- APPLICANT PROPOSES TO CONSTRUCT A CELLULAR TELECOMMUNICATIONS FACILITY CONSISTING OF A FENCED COMPOUND AND UTILITY WORK WITHIN A LEASE AREA AND EASEMENTS.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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**.
 - 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.
 - 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.
 - 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 **64,010 SQUARE FEET**. THE PROJECT IMPACT AREA IS ABOVE THE EXEMPTION THRESHOLD OF 43,560 SQUARE FEET IN 40 CFR PARTS 9, 122-124 AND THEREFORE IS SUBJECT TO REGULATION UNDER THE EPA NPDES GENERAL CONSTRUCTION PERMIT PROGRAM.
 - 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.
 - 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.
 - 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.

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

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	12/11/19	ISSUED FOR PERMITTING

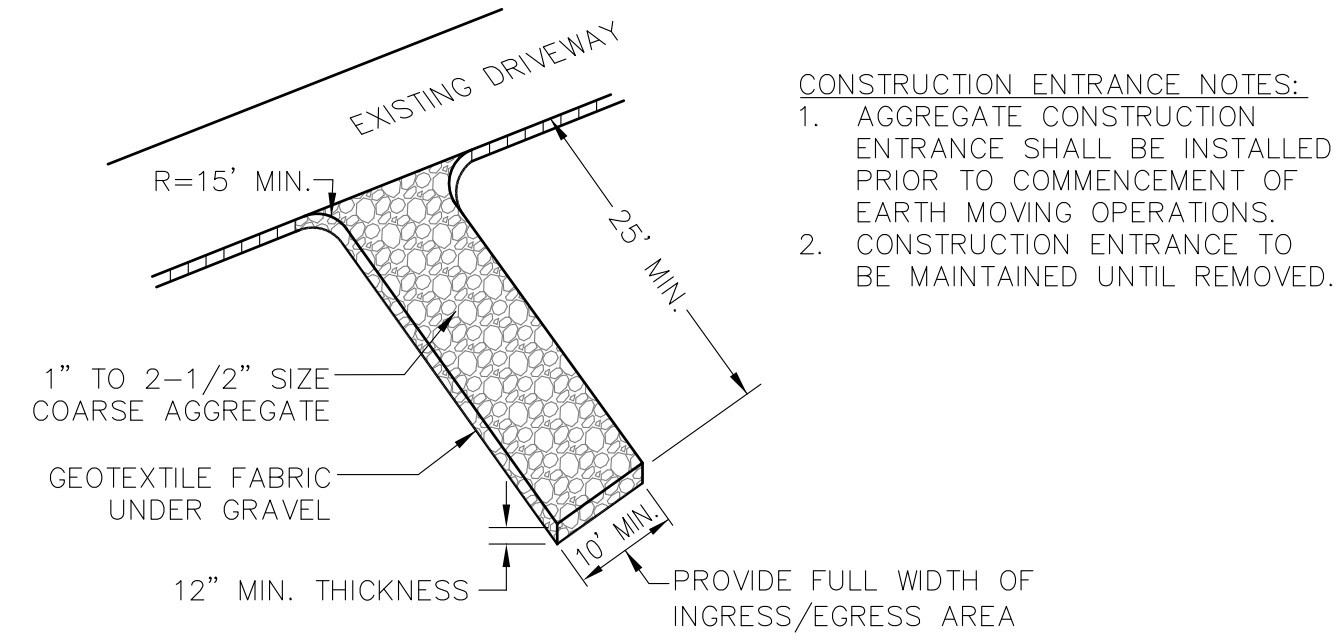
SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1984 S. DEERFIELD ROAD
CONWAY, MA 01841

APPLICANT:
Vertex Towers LLC
 VERTEX TOWER ASSETS, LLC
 165 SOUTH STREET
 SUITE 205
 WRENTHAM, MA 02093

STAMP:

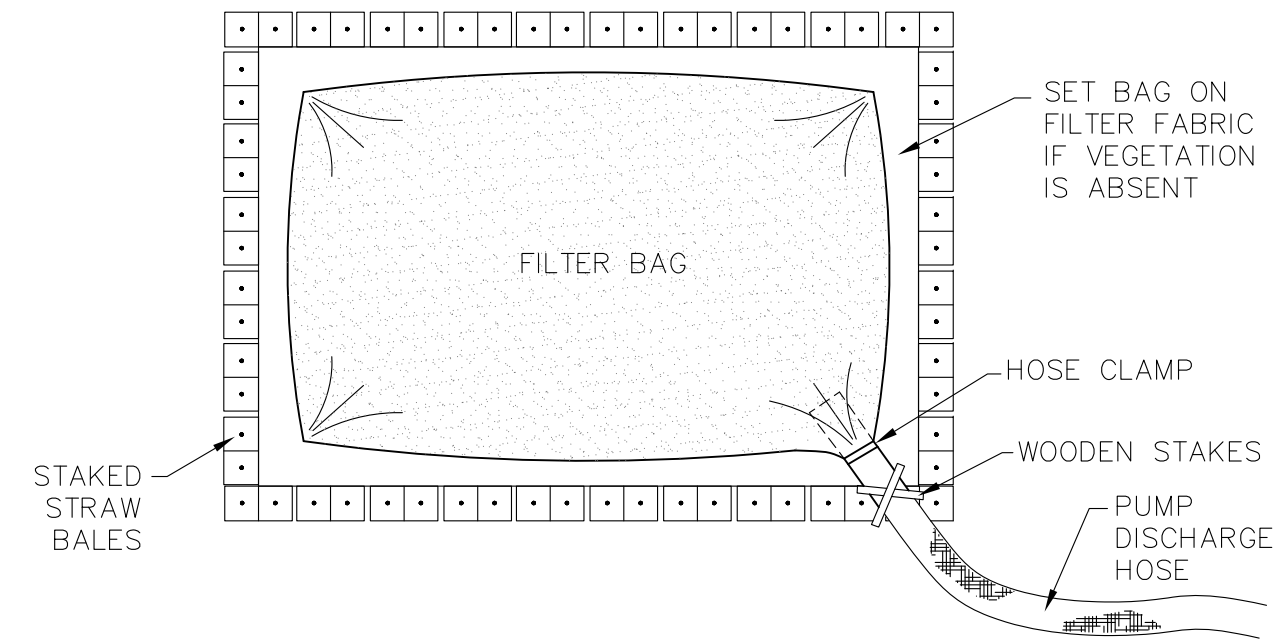
DATE: 12/11/19
 DRAWN: BLM
 CHECK: JMM/TEJ
 SCALE: SEE PLAN
 JOB NO.: 18-015

SHEET TITLE:
EROSION CONTROL PLAN & DETAILS
EC-1



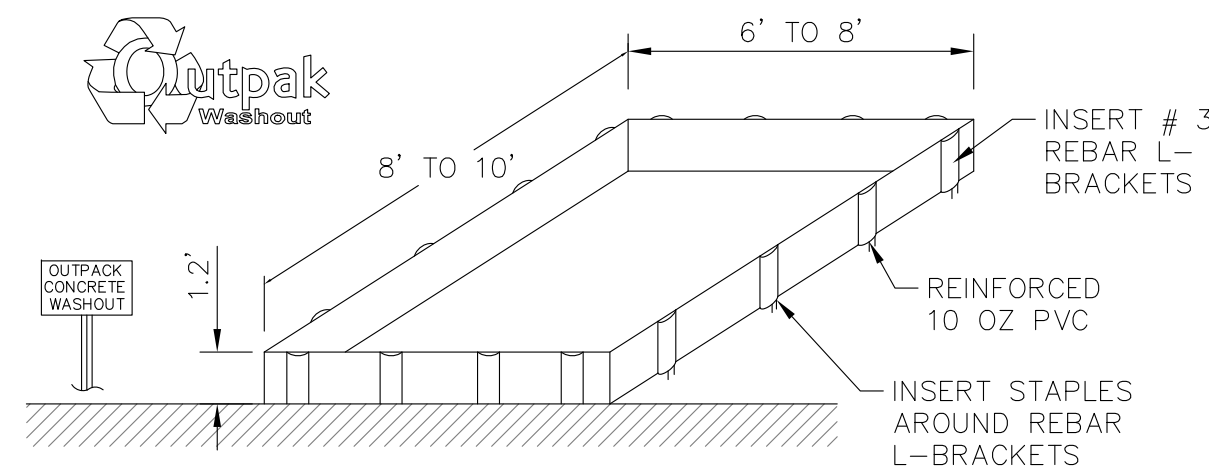
- CONSTRUCTION ENTRANCE NOTES:**
1. AGGREGATE CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF EARTH MOVING OPERATIONS.
 2. CONSTRUCTION ENTRANCE TO BE MAINTAINED UNTIL REMOVED.

CONSTRUCTION ENTRANCE 1
SCALE: NONE EC-2



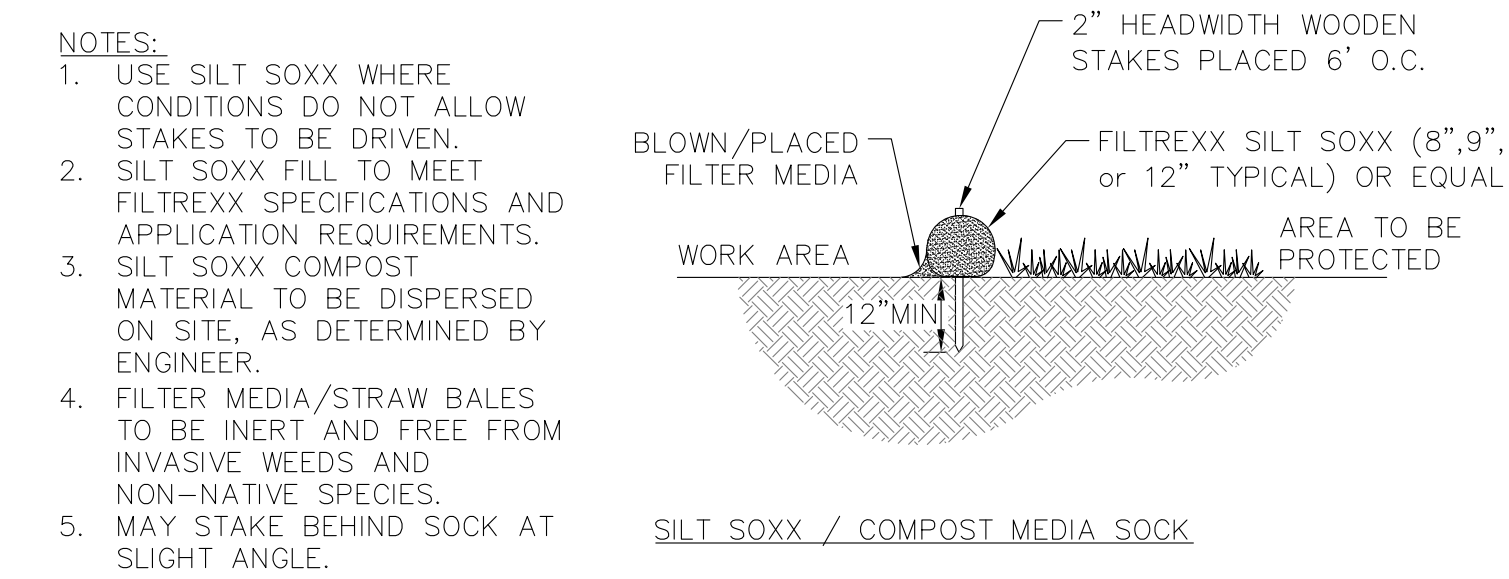
- NOTES:**
1. ENSURE DISCHARGE AREA IS COVERED BY STABLE VEGETATION.
 2. USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING.
 3. TO BE PLACED AT AN UPLAND LOCATION THAT WILL ALLOW WATER TO DRAIN TO THE GROUND.
 4. SIZE OF STRAW BALE ENCLOSURE TO BE 10'x10' ADJUSTED TO WATER VOLUME.
 5. ADDITIONAL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

DEWATERING BASIN 2
SCALE: NONE EC-2



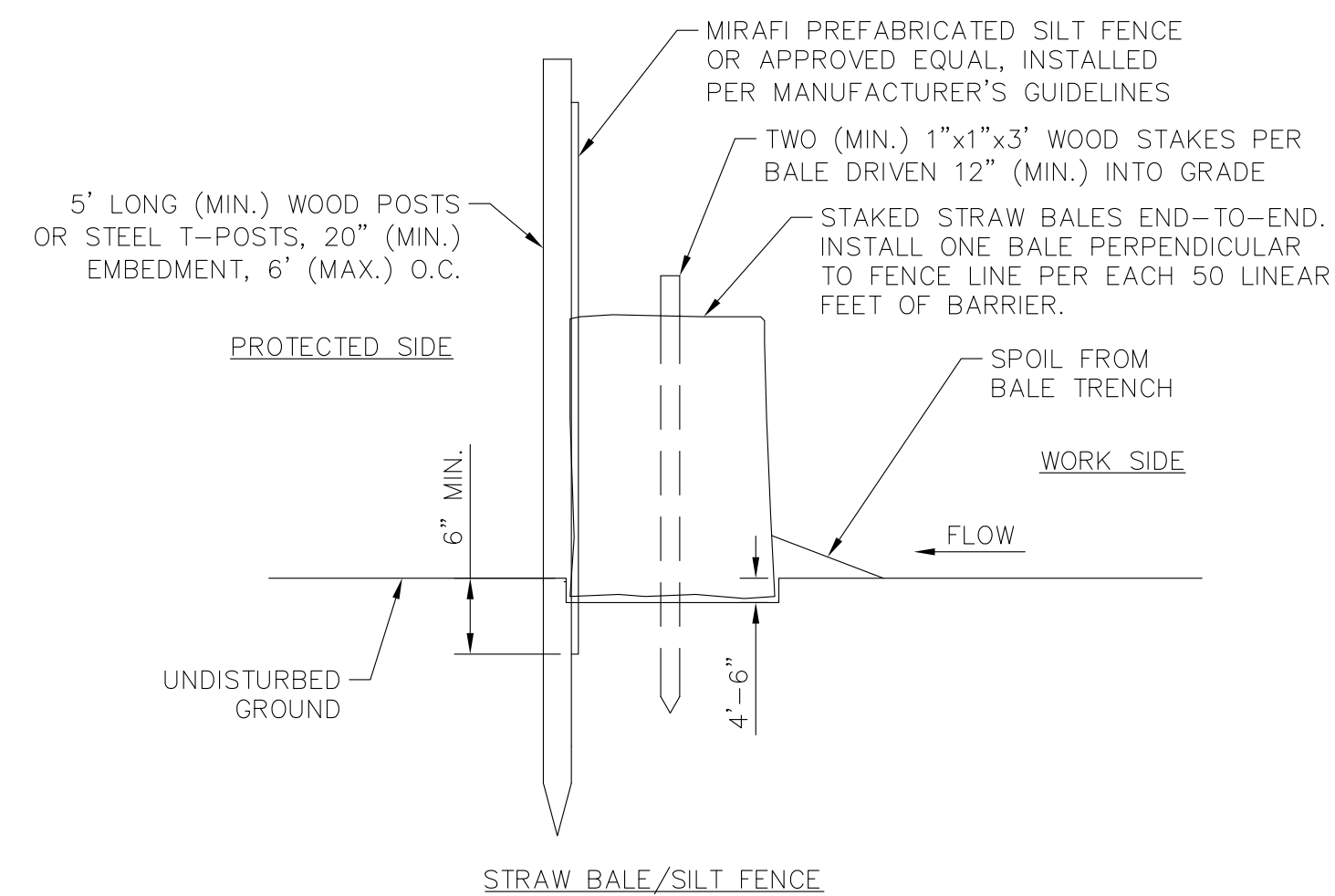
- NOTES:**
1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS PROJECT.
 2. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT.
 3. THE CONCRETE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE 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 OUTPACK WASHOUT AS SHOWN WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.

CONCRETE WASHOUT AREA 3
SCALE: NONE EC-2



- 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.
 5. MAY STAKE BEHIND SOCK AT SLIGHT ANGLE.

SILT SOXX / COMPOST MEDIA SOCK

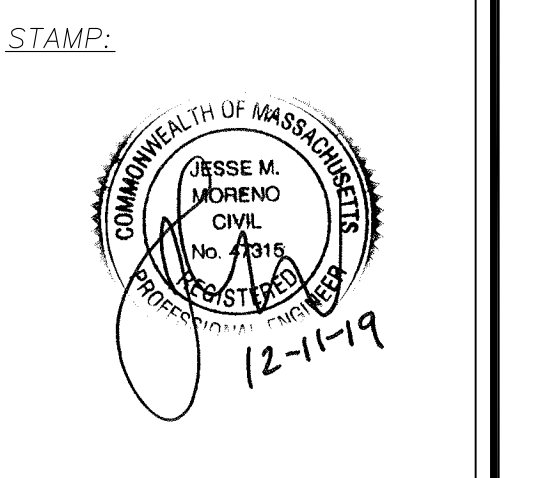


EROSION CONTROL BARRIER 4
SCALE: NONE EC-2

NO.	DATE	REVISIONS
A	02/06/19	ISSUED FOR REVIEW
B	12/06/19	ISSUED FOR REVIEW
C	11/11/19	ISSUED FOR PERMITTING

SITE NAME: CONWAY
SITE NUMBER: VT-MA-0014A
ADDRESS: 1984 S. DEERFIELD ROAD
CONWAY, MA 01841

APPLICANT:
Vertex Towers LLC
165 SOUTH STREET
SUITE 205
WRENTHAM, MA 02098



DATE: 12/11/19
DRAWN: BLM
CHECK: JMM/TEJ
SCALE: SEE PLAN
JOB NO.: 18-015

SHEET TITLE:
EROSION CONTROL PLAN & DETAILS