

NOTE:
DOCUMENTS REFERENCED ON THIS PLAN ARE RECORDED IN PENOBSCOT COUNTY REGISTRY OF DEEDS UNLESS OTHERWISE NOTED.

PLAN REFERENCE:
AREA OWNERSHIP OVERLAY, PISGAH MOUNTAIN, LLC, PENOBSCOT COUNTY REGISTRY OF DEEDS, BOOK 11762, PAGE 317, CLIFTON, MAINE PLAN CREATED BY PLISSGA & DAY LAND SURVEYORS, PLAN DATED FEBRUARY 9, 2010/

CHEMO POND USGS QUAD

- TOWER LOCATIONS:**
- 1 LAT 44-46-46.192 LONG -68-31-8.620
 - 2 LAT 44-46-34.898 LONG -68-31-0.972
 - 3 LAT 44-46-24.226 LONG -68-30-50.374
 - 4 LAT 44-46-8.262 LONG -68-31-11.292
 - 5 LAT 44-45-56.968 LONG -68-31-1.387

NOTE:
1) GRID LINES SHOWN BASED ON OFFSETS FROM CLIFTON / EDDINGTON TOWN LINE TO THE WEST AND CLIFTON / OTIS TOWN LINE FROM THE SOUTH.

● - OCCUPIED STRUCTURE



**OVERVIEW MAP
TOPOGRAPHICAL OVERLAY
SIGNIFICANT FEATURES MAP**
FOR
**SILVER MAPLE WIND
ENERGY PROJECT**
CLIFTON, MAINE

GRAPHIC SCALE

(IN FEET)
1 inch = 5000ft.

Project: Silver Maple Wind Energy Project
Client: Silver Maple Wind Energy Project
Date: 2019-07-10
Scale: 1"=5000'
Drawn by: WAB/BLG
Checked by: TRB
Designed by: WAB/BLG
Approved by: TRB
For Number: 11657_006
Drawing Number: 100



**SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE**

**OVERVIEW MAP
TOPOGRAPHICAL OVERLAY
SIGNIFICANT FEATURES MAP**

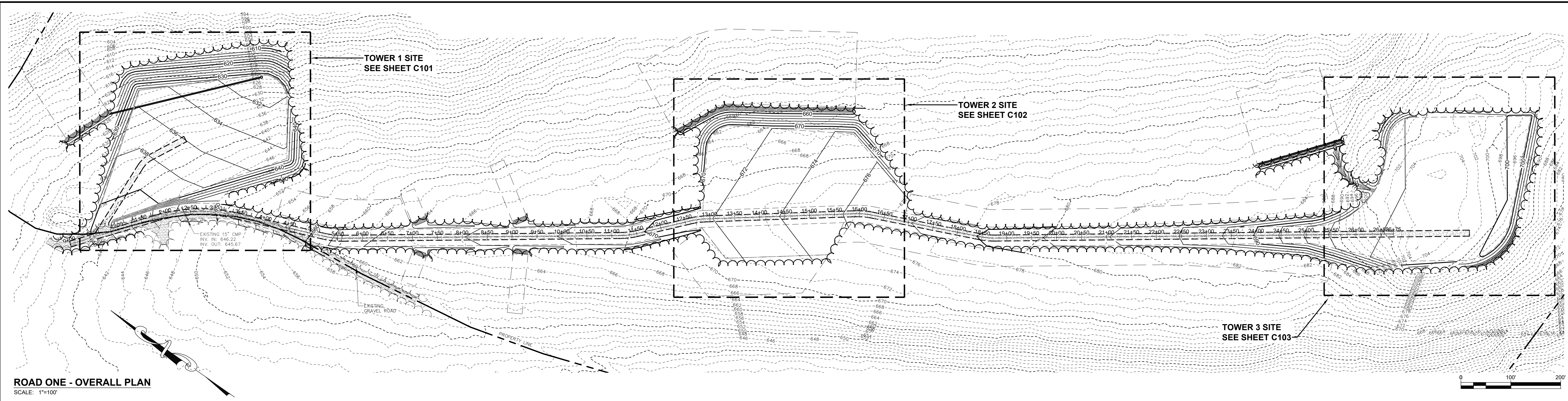
NO.	DATE	DESCRIPTION

FOR PERMITTING ONLY

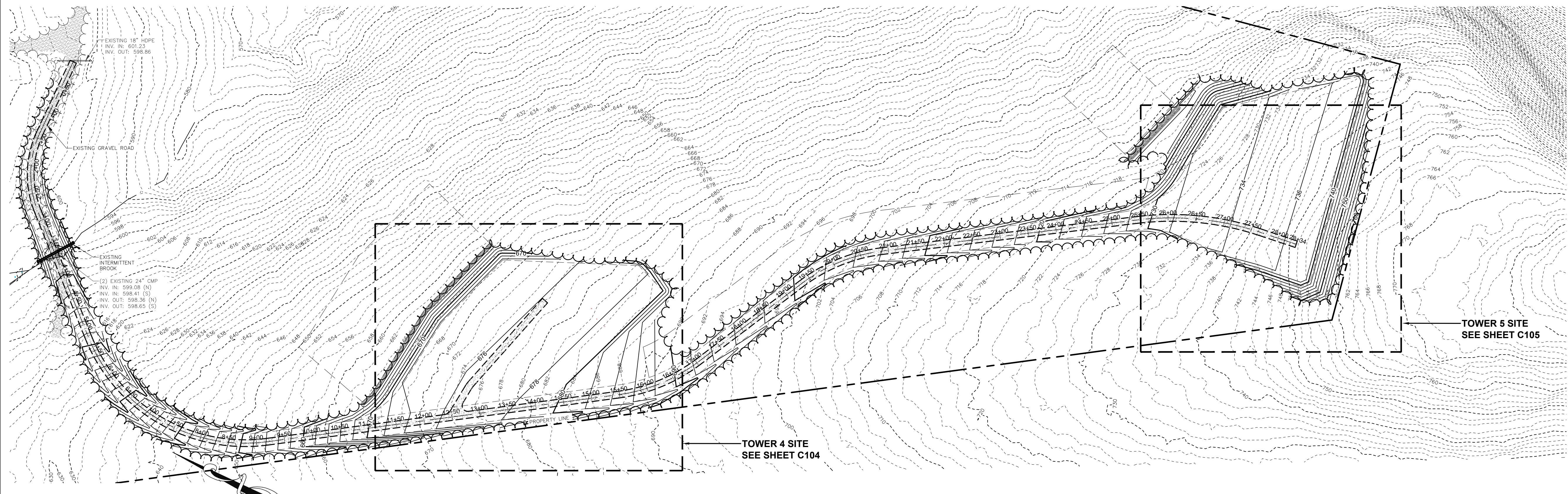


SCALE: 1"=5000'
DATE: 2019-07-10
DRAWN BY: WAB/BLG
CHECKED BY: TRB
DESIGNED BY: WAB/BLG
APPROVED BY: TRB
FOR NUMBER: 11657_006
DRAWING NUMBER: 100

P:\18157-SILVER MAPLE DEVELOPMENT\SILVER MAPLE CIVIL DESIGN & PERMITTING\TRB\CAD DRAWINGS\CIVIL\18157-006-OVERVIEW MAPS\DWG_100.DWG, 10/20/19 7:29 AM



ROAD ONE - OVERALL PLAN
SCALE: 1"=100'



ROAD TWO OVERALL PLAN
SCALE: 1"=100'

EROSION CONTROL NOTES

- ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENTATION CONTROL BEST MANAGEMENT PRACTICES (BMPs), PUBLISHED BY THE BUREAU OF LAND AND WATER QUALITY, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, LATEST EDITION.
- SILT FENCE WILL BE INSPECTED, REPLACED AND/OR REPAIRED IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR LOSS OF SERVICEABILITY DUE TO SEDIMENT ACCUMULATION. AT A MINIMUM, ALL EROSION CONTROL DEVICES WILL BE OBSERVED WEEKLY.
- DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO CONSTRUCTION SITE.
- SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE STABILIZED BY A SUITABLE GROWTH OF GRASS. ONCE A SUITABLE GROWTH OF GRASS HAS BEEN OBTAINED, ALL TEMPORARY EROSION CONTROL ITEMS SHALL BE REMOVED BY THE CONTRACTOR. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THEY ARE REMOVED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, SEEDED, AND MULCHED IMMEDIATELY.
- ALL DISTURBED AREAS WILL BE SEEDED WITH 2.5 LBS. RED FESCUE AND 0.5 LBS. RYE GRASS PER 1,000 SQUARE FEET AND MULCHED AT A RATE OF 90 LBS. PER 1,000 SQUARE FEET OR EQUIVALENT APPLICATION OF SEED AND MULCH.
- A SUITABLE BINDER SUCH AS CURASOL OR TERRACK WILL BE USED ON THE HAY MULCH FOR WIND CONTROL.
- IF FINAL SEEDING OF DISTURBED AREAS IS NOT COMPLETED BY SEPTEMBER 15th OF THE YEAR OF CONSTRUCTION, THEN ON THAT DATE THESE AREAS WILL BE GRADED AND SEEDED WITH WINTER RYE AT THE RATE OF 112 POUNDS PER ACRE OR 3 POUNDS PER 1000 SQUARE FEET. THE RYE SEEDING WILL BE PRECEDED BY AN APPLICATION OF 3 TONS OF LIME AND 800 LBS. OF 10-20-20 FERTILIZER OR ITS EQUIVALENT. MULCH WILL BE APPLIED AT A RATE OF 90 POUNDS PER 1000 SQUARE FEET.
- IF THE RYE SEEDING CANNOT BE COMPLETED BY OCTOBER 1st OR IF THE RYE DOES NOT MAKE ADEQUATE GROWTH BY DECEMBER 1st, THEN ON THOSE DATES, HAY MULCH WILL BE APPLIED AT 150 POUNDS PER 1000 SQUARE FEET.
- INTERIOR SILT FENCES ALONG CONTOUR DIVIDING FLAT AND STEEP SLOPES. AREAS WITH DIFFERENT DISTURBANCE SCHEDULES, AROUND TEMPORARY STOCKPILES OR IN OTHER UNSPECIFIED POSSIBLE CIRCUMSTANCES SHOULD BE CONSIDERED BY THE CONTRACTOR. THE INTENT OF SUCH INTERIOR SILT FENCES IS TO LIMIT SEDIMENT TRANSPORT WITHIN THE SITE TOWARD THE PROTECTED CATCH BASIN INLETS TO MINIMIZE SEDIMENT REMOVAL REQUIRED BY THE EROSION CONTROL NOTE 9 PROTECTIONS AND EXTEND LIFE OF SUCH DEVICES.
- THE CONTRACTOR SHALL PROVIDE A SEDIMENT BASIN FOR ALL WATER PUMPED FROM EXCAVATIONS. BASIN SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE "MAINE EROSION AND SEDIMENT HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES". THE CONTRACTOR SHALL SUBMIT FOR REVIEW/APPROVAL PRIOR TO BEGINNING ANY PROJECT WORK.
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CONTRACTOR WILL BE RESPONSIBLE FOR FOLLOWING PROCEDURES FOUND IN THE "MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS" (PUBLISHED MARCH 2015). THE PUBLICATION CAN BE FOUND AT: [HTTP://WWW.MAINE.GOV/DEPLAND/EROSION/ESCBMPS/INDEX.HTML](http://www.maine.gov/depland/erosion/escbmps/index.html)

NOTES

- PLAN ORIENTED TO MAINE STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE, U.S. SURVEY FOOT AND THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- CONTOUR INTERVAL: 2 FOOT.
- TOPOGRAPHY SHOWN IS A COMPILATION OF LIDAR DATA PROVIDED BY THE STATE OF MAINE OFFICE OF GIS AND A FIELD SURVEY COMPLETED BY CES, INC. ON APRIL 1, 2019, APRIL 2, 2019, APRIL 18, 2019, AND APRIL 23, 2019.
- EXISTING CONDITIONS BASED ON SURVEY COMPLETED BY CES, INC. ON DATES NOTED ABOVE.

LEGEND:

DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
10' CONTOUR	--- 90 ---	--- 90 ---
2' CONTOUR 92 92
EDGE OF GRAVEL	---	---
PROPERTY LINE	---	NA
CULVERT	---	NA
SILT FENCE	NA	SF
GRAVEL SURFACE	---	---
STORMWATER BUFFER	NA	---
WETLAND	---	---

CES INC
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F: 207.756.8112

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SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE

OVERALL PLANS, NOTES, & LEGEND

PROJECT TITLE: SILVER MAPLE WIND ENERGY PROJECT
SHEET TITLE: OVERALL PLANS, NOTES, & LEGEND

DATE	2019-07-15
DRAWN BY	BLQ
CHECKED BY	TRB
DESIGNED BY	LF
APPROVED BY	TRB
JOB NUMBER	11657.006
DRAWING NUMBER	C001

FOR PERMITTING ONLY

STATE OF MAINE
ALFRED HASSLETT
2019
LICENSED PROFESSIONAL ENGINEER

SCALE: 1"=100'

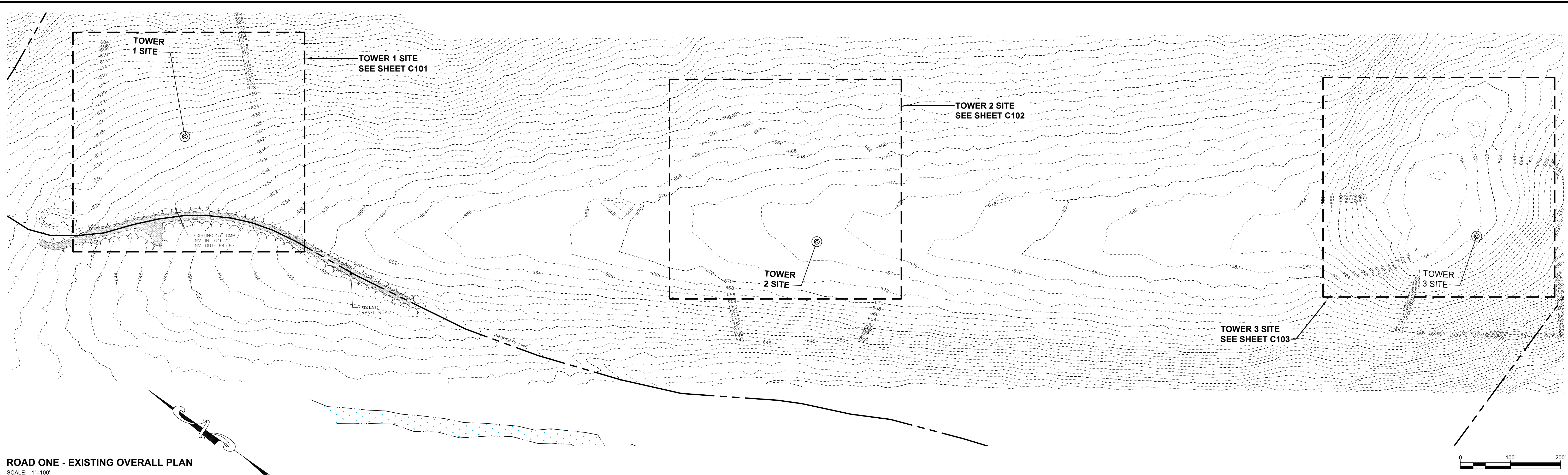
DATE: 2019-07-15

DRAWN BY: BLQ CHECKED BY: TRB

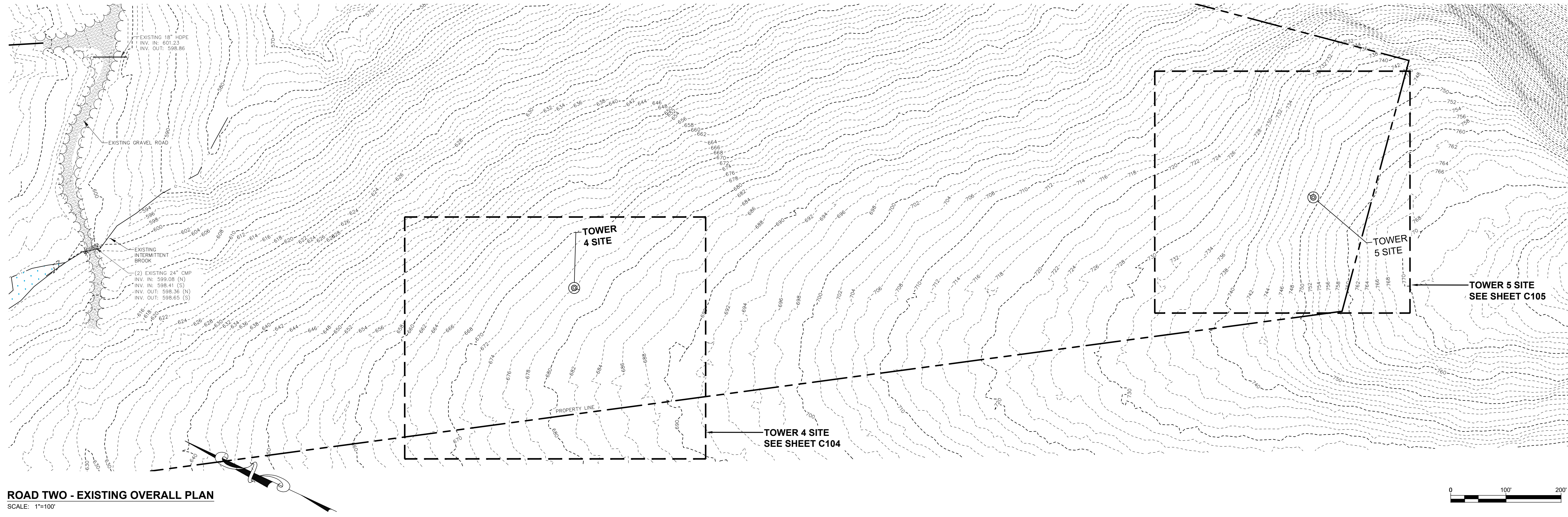
DESIGNED BY: LF APPROVED BY: TRB

JOB NUMBER: 11657.006

DRAWING NUMBER: C001



ROAD ONE - EXISTING OVERALL PLAN
SCALE: 1"=100'



ROAD TWO - EXISTING OVERALL PLAN
SCALE: 1"=100'

NOTES

1. PLAN ORIENTED TO MAINE STATE PLANE COORDINATE SYSTEM, NAD83, EAST ZONE, U.S. SURVEY FOOT AND THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. CONTOUR INTERVAL: 2 FOOT.
3. TOPOGRAPHY SHOWN IS A COMPILATION OF LIDAR DATA PROVIDED BY THE STATE OF MAINE OFFICE OF GIS AND A FIELD SURVEY COMPLETED BY CES, INC. ON APRIL 1, 2019, APRIL 2, 2019, APRIL 18, 2019, AND APRIL 23, 2019.
4. EXISTING CONDITIONS BASED ON SURVEY COMPLETED BY CES, INC. ON DATES NOTED ABOVE.

LEGEND:

DESCRIPTION	EXISTING SYMBOL
10' CONTOUR	--- 90 ---
2' CONTOUR	--- 92 ---
EDGE OF GRAVEL	---
PROPERTY LINE	---
CULVERT	---
SILT FENCE	---
GRAVEL SURFACE	---
WETLAND	---

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SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE

EXISTING CONDITIONS PLAN

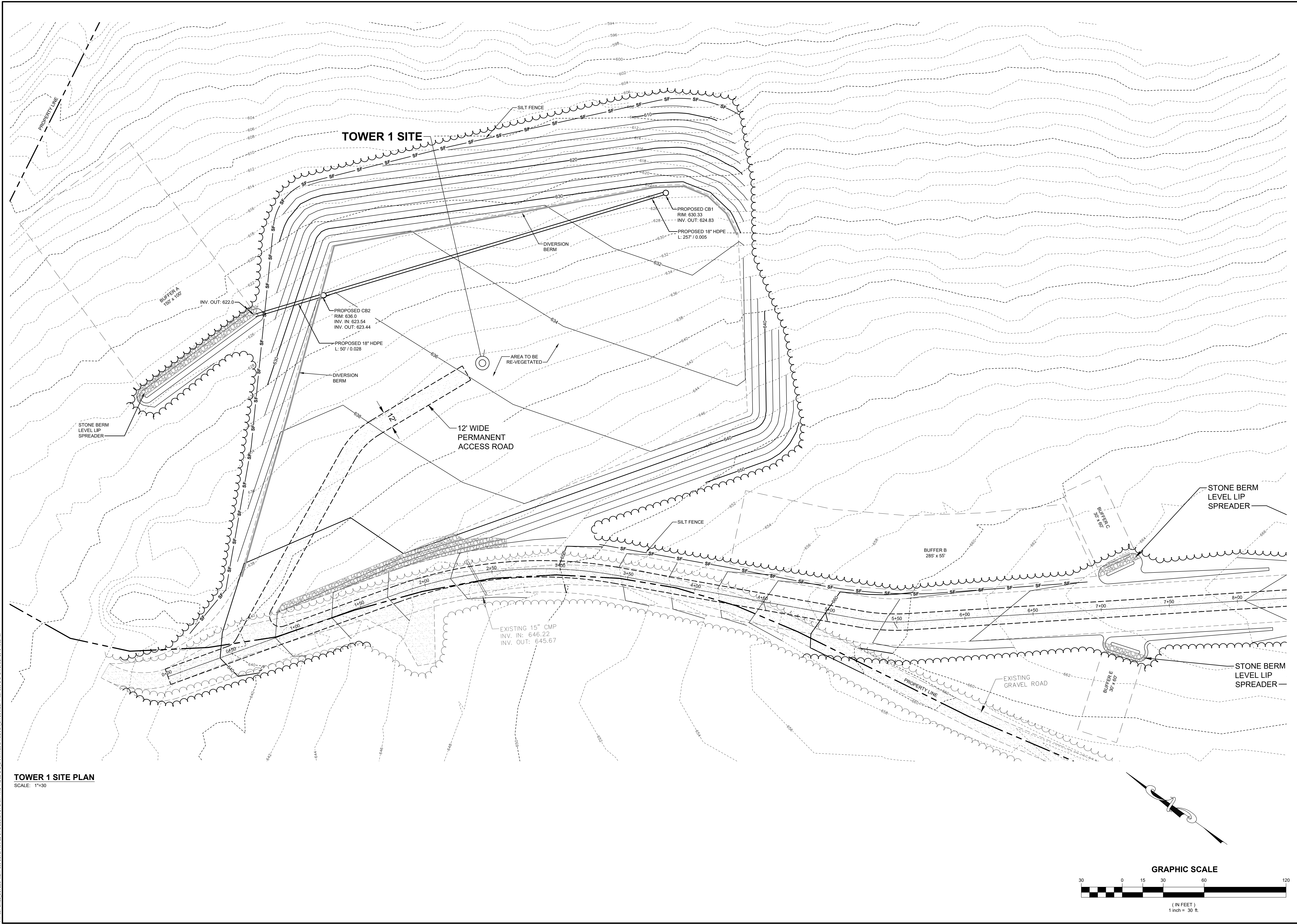
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FOR PERMITTING ONLY

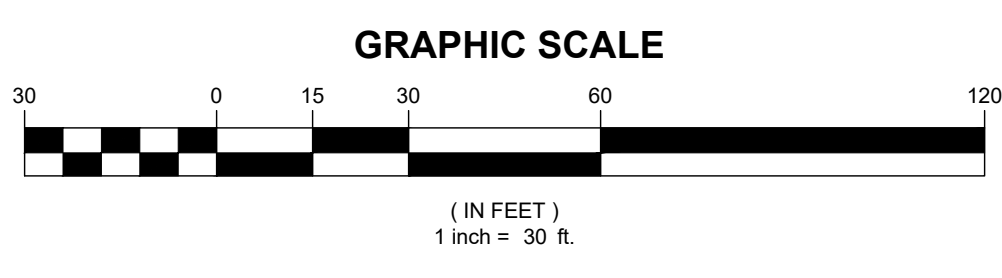


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DATE	2019-07-15
DRAWN BY	BLQ
CHECKED BY	TRB
DESIGNED BY	LF
APPROVED BY	TRB
XREF NUMBER	11657.006
DRAWING NUMBER	C100

C100



TOWER 1 SITE PLAN
SCALE: 1"=30'



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485 South Main Street
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 Phone: 207-756-6109
 Fax: 207-756-6108

1581 Washington Blvd
 Bangor, ME 04401
 Phone: 207-756-9151
 Fax: 207-756-9150

PROJECT TITLE
SILVER MAPLE WIND ENERGY PROJECT

CITY/TOWN
CLIFTON, MAINE

SHEET TITLE
TOWER 1 SITE PLAN

NO.	REV.	DATE	DESCRIPTION

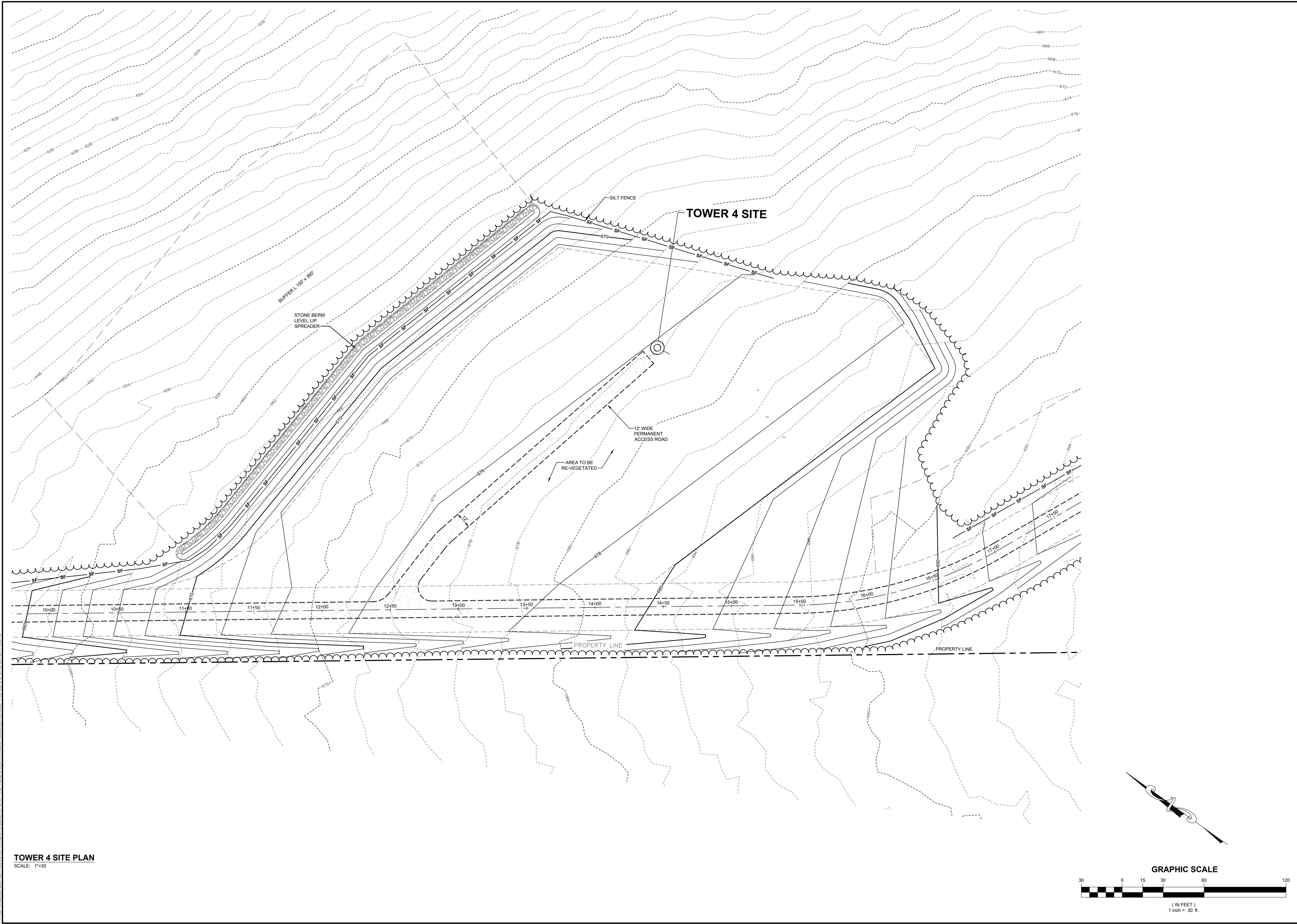
FOR PERMITTING ONLY



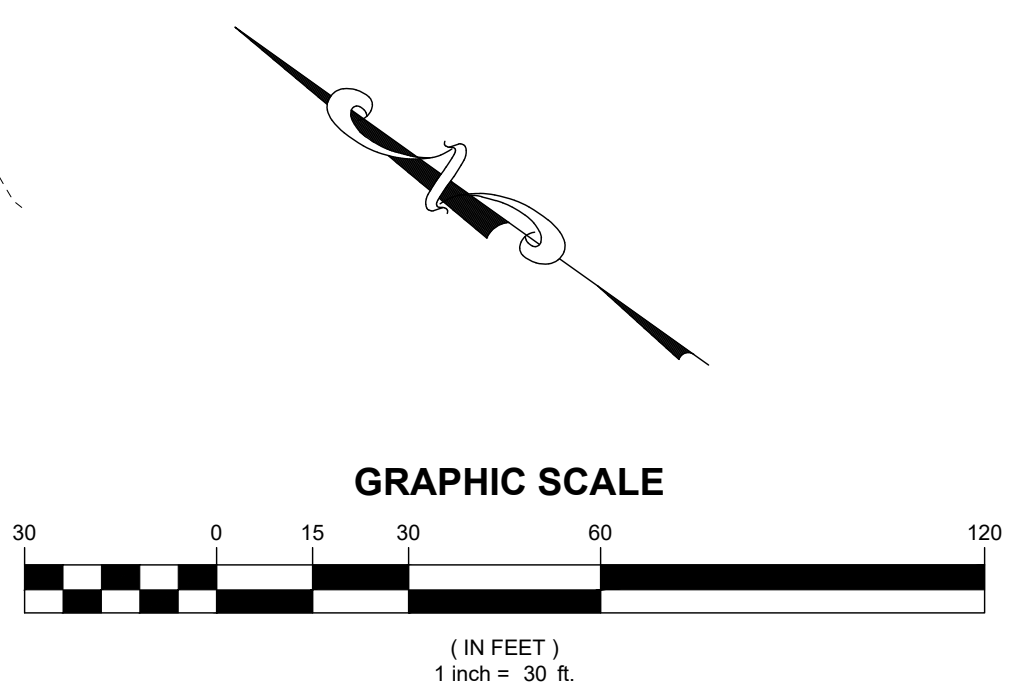
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CHECKED BY	TRB
DESIGNED BY	LF
APPROVED BY	TRB
XREF NUMBER	11657.006
DRAWING NUMBER	

C101

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TOWER 4 SITE PLAN
SCALE: 1"=30'



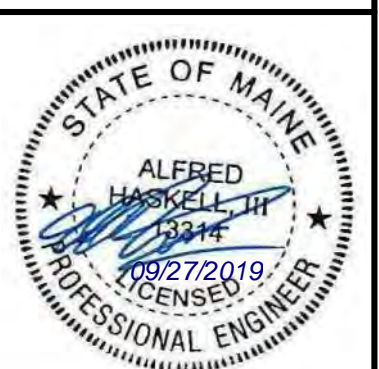
Main Office: 400 South Main Street, Portland, ME 04101
 Phone: 207-754-8111, Fax: 207-754-8112
 Portland Office: 100 State Street, Portland, ME 04101
 Phone: 207-754-8111, Fax: 207-754-8112
 Bangor Office: 100 State Street, Bangor, ME 04401
 Phone: 207-754-8111, Fax: 207-754-8112
 Waterville Office: 100 State Street, Waterville, ME 04901
 Phone: 207-754-8111, Fax: 207-754-8112
 Buxton Office: 100 State Street, Buxton, ME 04515
 Phone: 207-754-8111, Fax: 207-754-8112
 Brewer Office: 100 State Street, Brewer, ME 04412
 Phone: 207-754-8111, Fax: 207-754-8112
 Calton Office: 100 State Street, Calton, ME 04917
 Phone: 207-754-8111, Fax: 207-754-8112



PROJECT TITLE: SILVER MAPLE WIND ENERGY PROJECT
 CLIFTON, MAINE
 SHEET TITLE: TOWER 4 SITE PLAN

REV.	DESCRIPTION	DATE	DRAWN BY	CHECKED BY

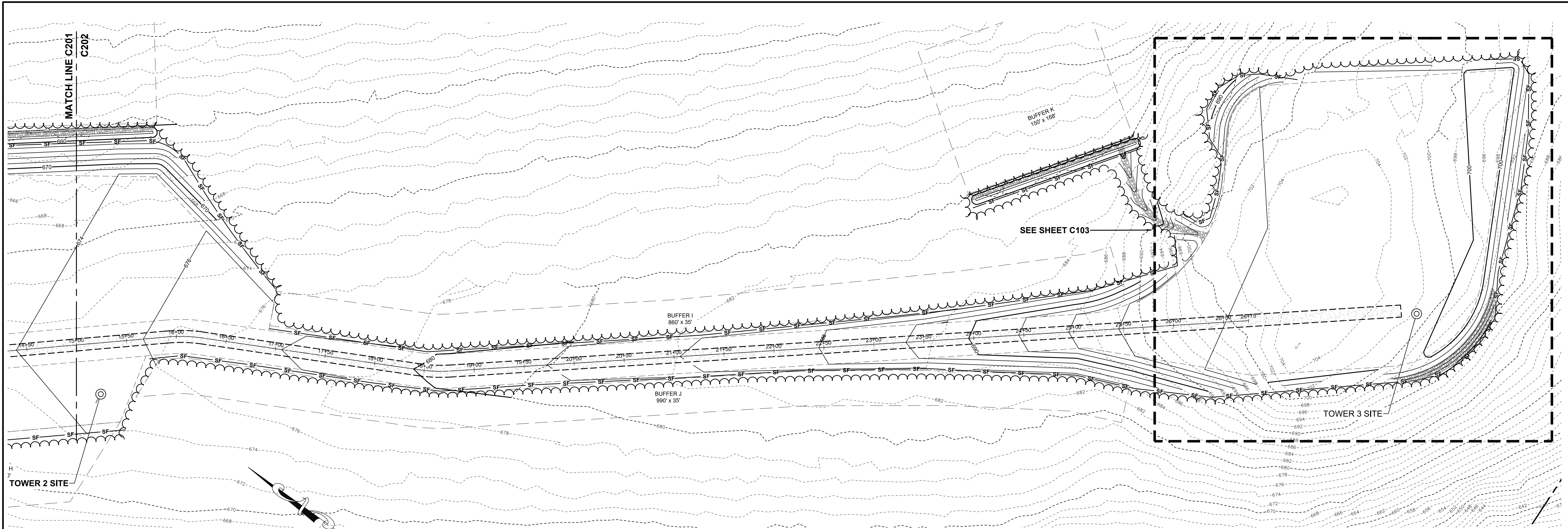
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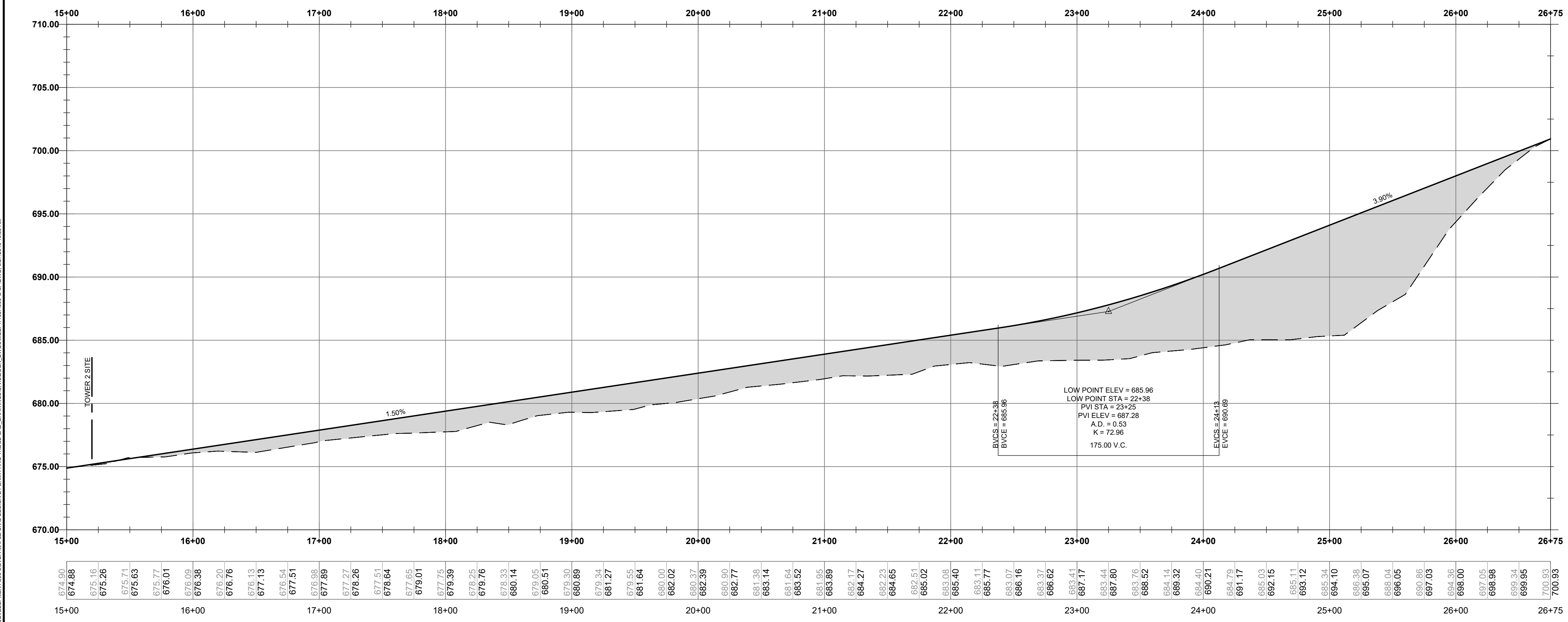
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DATE	2019-07-15
DRAWN BY	BLQ
CHECKED BY	TRB
DESIGNED BY	LF
APPROVED BY	TRB
XREF NUMBER	11657.006
DRAWING NUMBER	

C104

P:\1187_Silver_Development\006-Silver Maple Civil Design & Permitting\1187-006-CAD\Drawings\1187-006-SP-DWG_02272019_1039.dwg



ROAD ONE PLAN VIEW - STA 15+00 TO 26+75
SCALE: 1"=50'



ROAD ONE PROFILE - STA 15+00 TO 26+75
SCALE: H: 1"=50' / V: 1"=10'

CES INC
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F: 207-255-4881

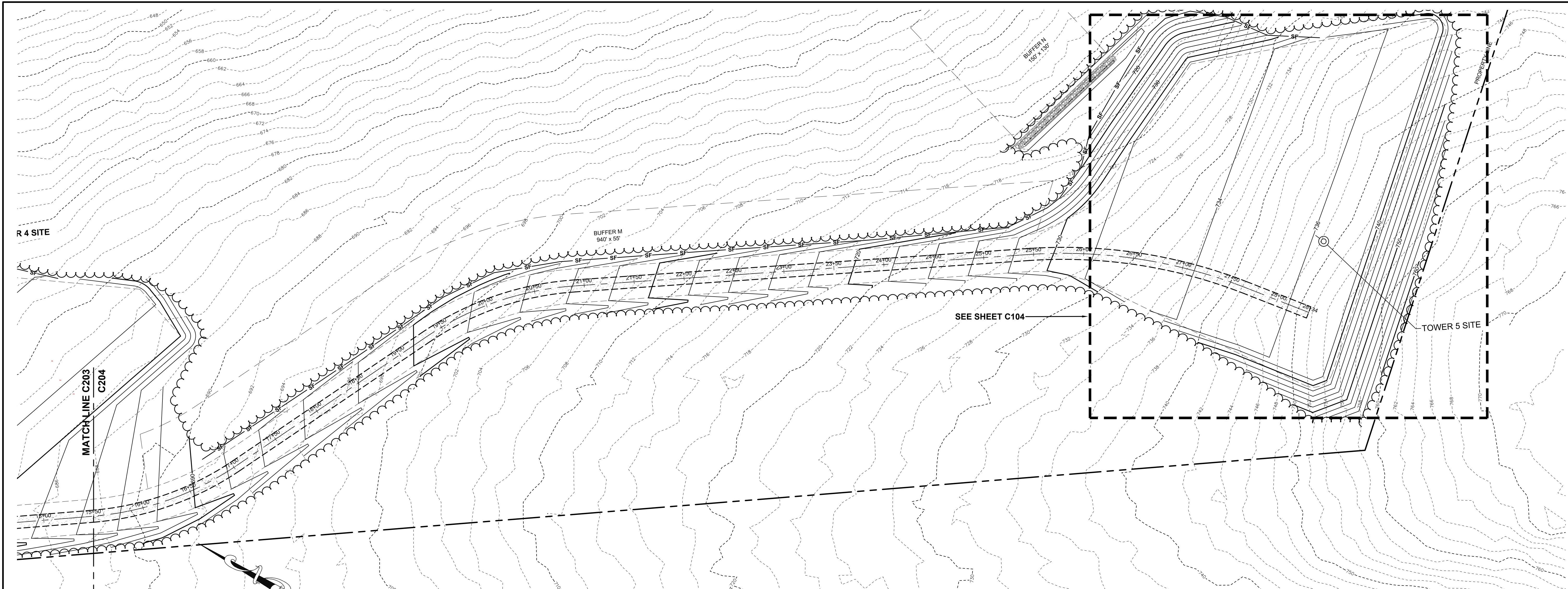
100 South Main Street
P.O. Box 100
Clifton, MA 01157
F: 207-255-4881

SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE

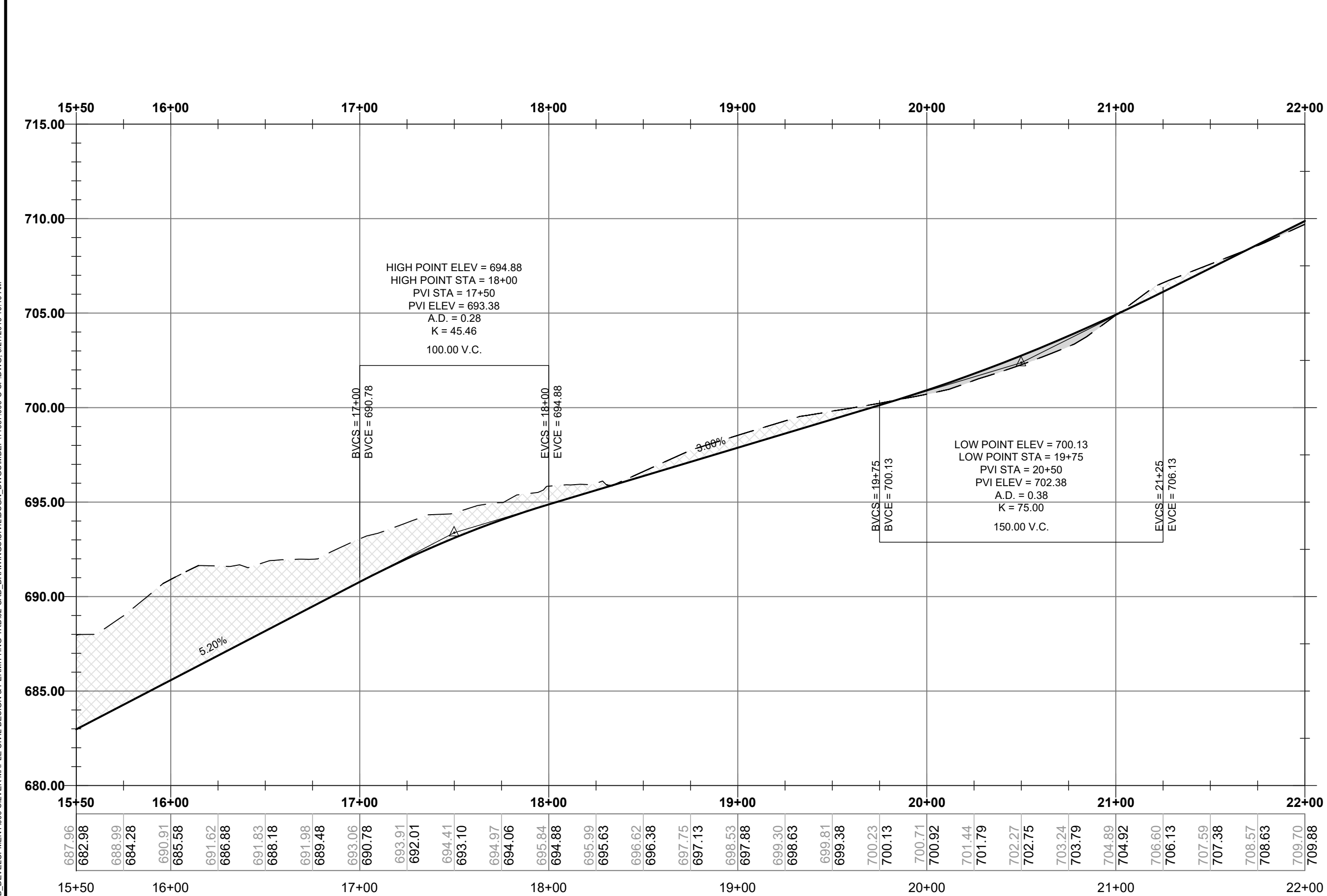
ROAD ONE PLAN & PROFILE
STATION 15+00 TO 26+75

DATE	2019-07-15
DRAWN BY	BLQ
CHECKED BY	TRB
DESIGNED BY	LF
APPROVED BY	TRB
JOB NUMBER	11657.006
DRAWING NUMBER	C202

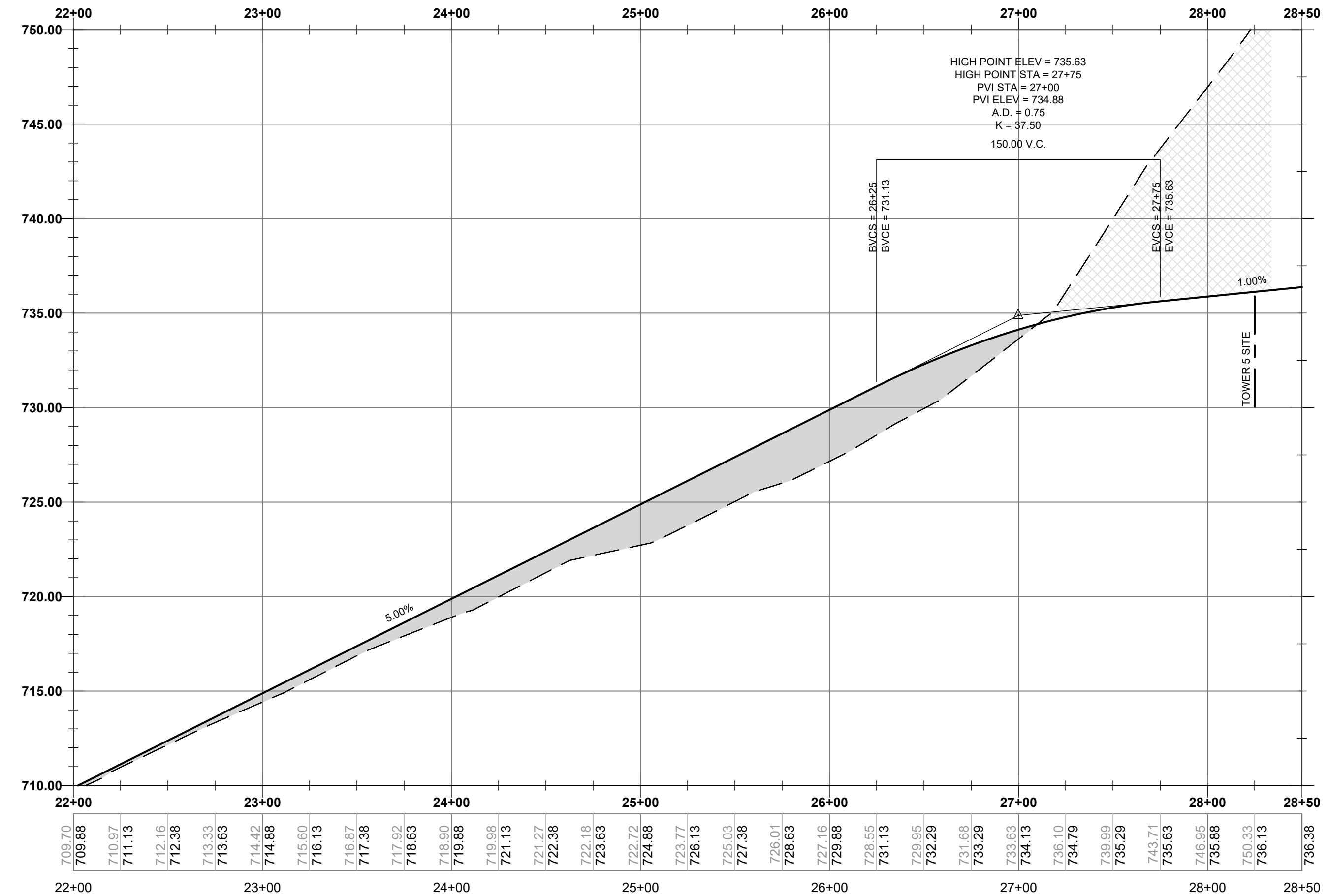
STATE OF MAINE
ALFRED HASSELL JR.
LICENSED PROFESSIONAL ENGINEER
00272019



ROAD TWO PLAN VIEW - STA 7+50 TO 15+50
SCALE: 1"=50'



ROAD TWO PROFILE - STA 15+50 TO 22+00
SCALE: H: 1"=50' / V: 1"=5'



ROAD TWO PROFILE - STA 15+50 TO 28+50
SCALE: H: 1"=50' / V: 1"=5'

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SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE

**ROAD TWO PLAN & PROFILE
STATION 15+50 TO 28+50**

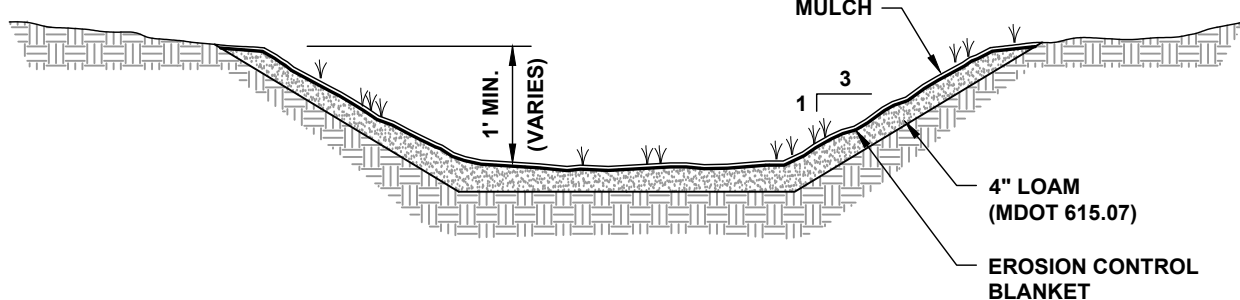
REV	DESCRIPTION	DATE	DRAWN BY	CHECKED BY

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STATE OF MAINE
ALFRED HASSELL JR.
66272019
LICENSED PROFESSIONAL ENGINEER

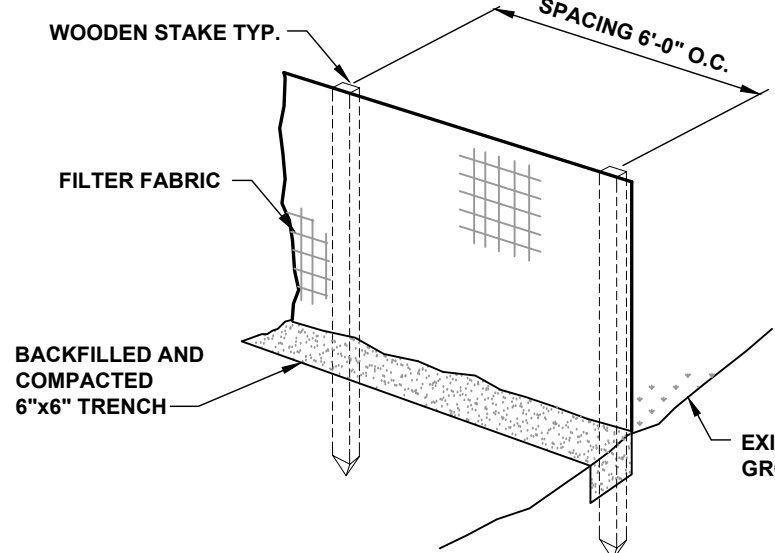
SCALE: 1"=50'
DATE: 2019-07-15
DRAWN BY: BLQ CHECKED BY: TRB
DESIGNED BY: LF APPROVED BY: TRB
JOB NUMBER: 11657.006
DRAWING NUMBER: **C204**

NOTE:
MINIMUM SIDESLOPE
SHALL BE 2:1 UNLESS
SHOWN OTHERWISE.



TYPICAL GRASS LINED DITCH DETAIL

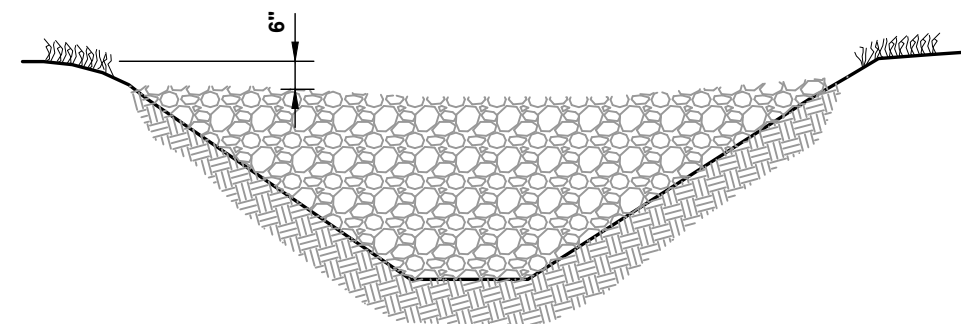
N.T.S.



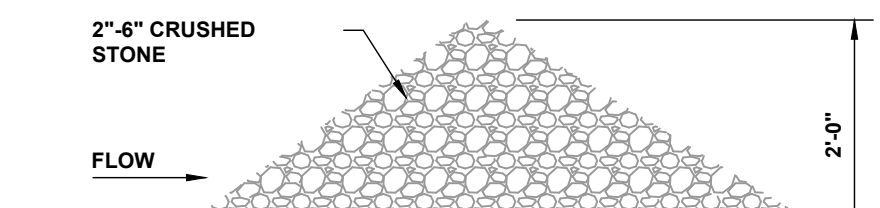
- NOTES:
1. KEY FABRIC IN A 6"x6" TRENCH W/BACKFILL AND COMPACT.
 2. SILT FENCE SHALL BE A 3' FENCE WITH A MINIMUM GRAB STRENGTH OF 120 LBS.

SILT FENCE DETAIL

N.T.S.



ELEVATION

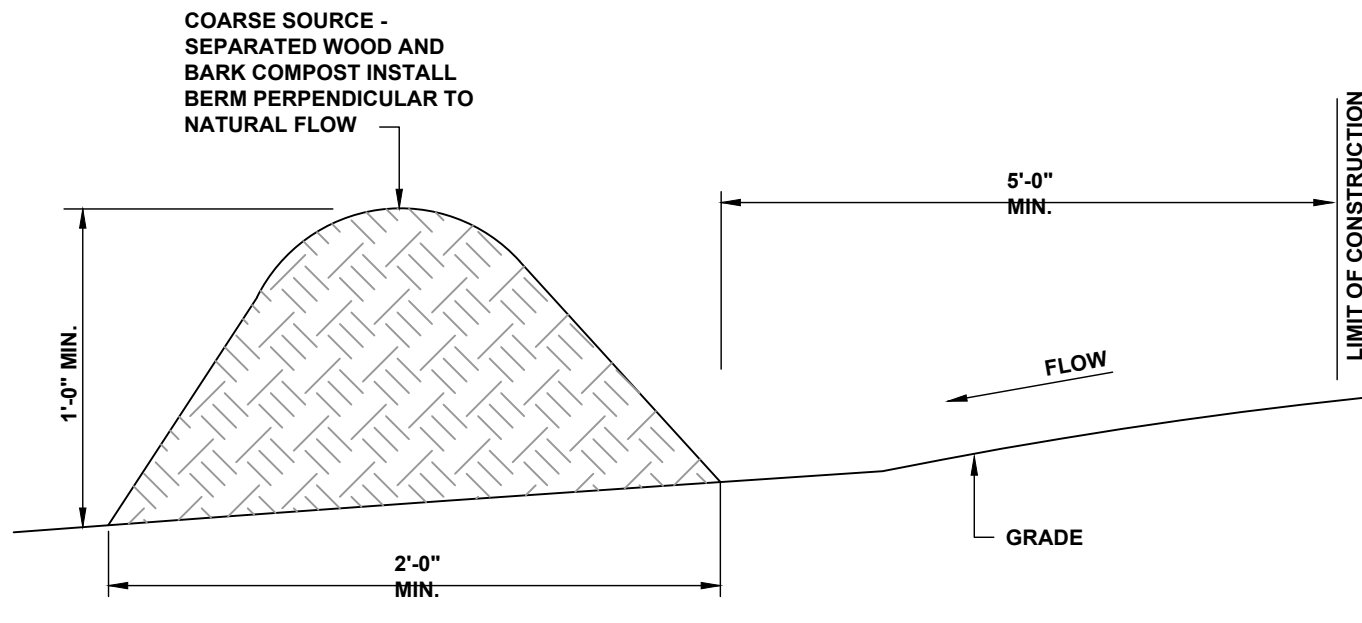


CROSS SECTION

SPACING

STONE CHECK DAM DETAIL

N.T.S.



NOTE:
THE EROSION CONTROL MIX MUST BE WELL-GRADED WITH AN ORGANIC COMPONENT THAT IS BETWEEN 50 AND 100% OF DRY WEIGHT, AND THAT IS COMPOSED OF FIBROUS AND ELONGATED FRAGMENTS. THE MINERAL PORTION OF THE MIX SHOULD BE NATURALLY INCLUDED IN THE PRODUCT WITH NO LARGER ROCKS (>4") OR LARGE AMOUNTS OF FINES (SILTS AND CLAYS). IN STUMP GRINDING, THE MINERAL SOIL ORIGINATES FROM THE ROOT BALL AND SHOULD NOT BE REMOVED BEFORE GRINDING. THE MIX SHOULD BE FREE OF REFUSE, MATERIAL TOXIC TO PLANT GROWTH OR UNSUITABLE MATERIAL (BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS).

EROSION CONTROL MIX BERM DETAIL

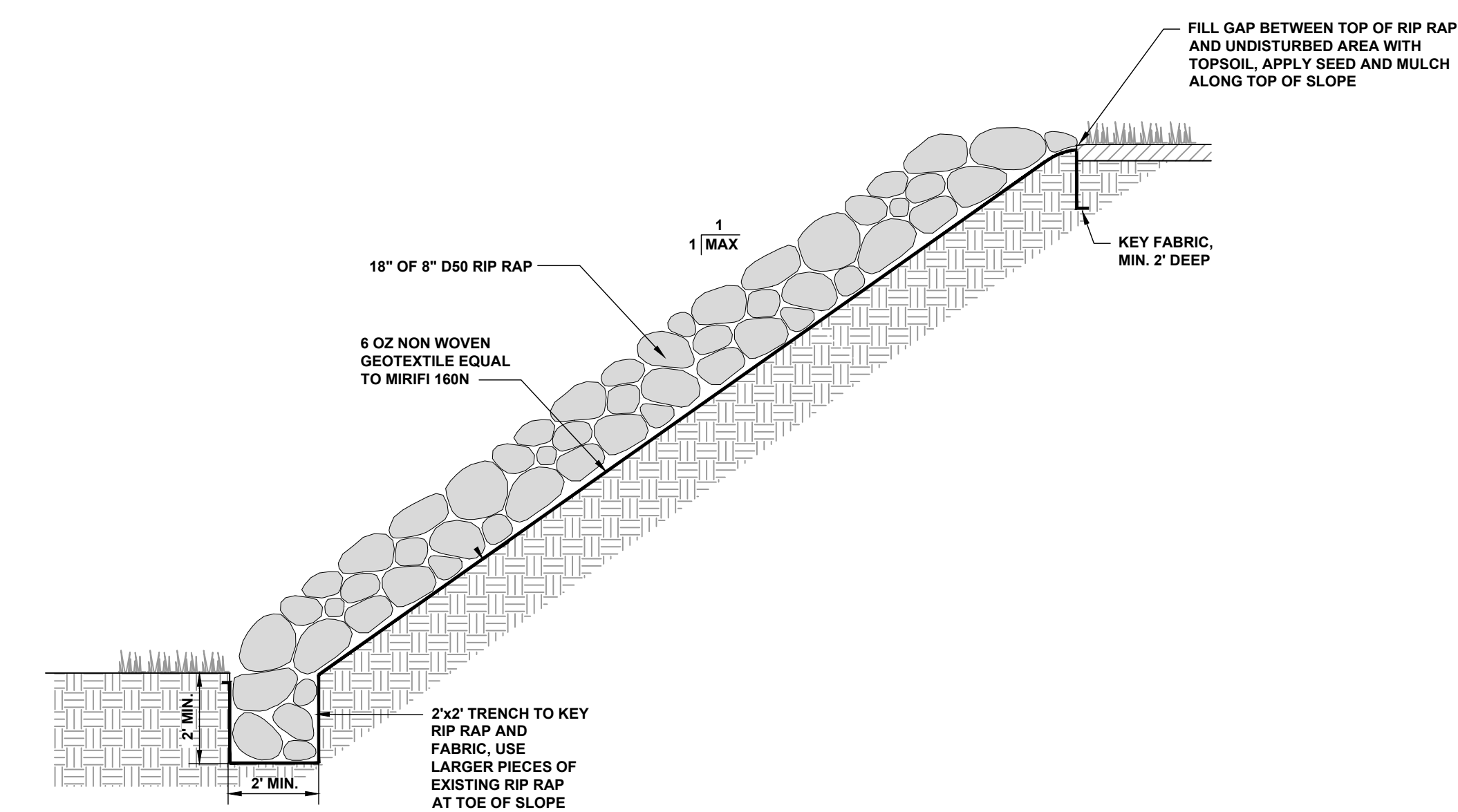
N.T.S. (MAY BE USED AS AN ALTERNATE TO SILT FENCE)

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 9. INTERIOR SILT FENCES ALONG CONTOUR DIVIDING FLAT AND STEEP SLOPES, AREAS WITH DIFFERENT DISTURBANCE SCHEDULES, AROUND TEMPORARY STOCKPILES OR IN OTHER UNSPECIFIED POSSIBLE CIRCUMSTANCES SHOULD BE CONSIDERED BY THE CONTRACTOR. THE INTENT OF SUCH INTERIOR SILT FENCES IS TO LIMIT SEDIMENT TRANSPORT WITHIN THE SITE TOWARD THE PROTECTED GATCH BASIN INLETS TO MINIMIZE SEDIMENT REMOVAL REQUIRED BY THE EROSION CONTROL NOTE 9 PROTECTIONS AND EXTEND LIFE OF SUCH DEVICES.
 10. THE CONTRACTOR SHALL PROVIDE A SEDIMENT BASIN FOR ALL WATER PUMPED FROM EXCAVATIONS. BASIN SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE "MAINE EROSION AND SEDIMENT HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES". THE CONTRACTOR SHALL SUBMIT FOR REVIEW/APPROVAL PRIOR TO BEGINNING ANY PROJECT WORK.
 11. MINIMUM EROSION CONTROL MEASURES WILL NEED TO BE IMPLEMENTED AND THE CONTRACTOR WILL BE RESPONSIBLE TO MAINTAIN ALL COMPONENTS OF THE EROSION CONTROL PLAN UNTIL THE SITE IS FULLY STABILIZED. HOWEVER, BASED ON SITE AND WEATHER CONDITIONS DURING CONSTRUCTION, ADDITIONAL EROSION CONTROL MEASURES MAY NEED TO BE IMPLEMENTED. ALL AREAS OF INSTABILITY AND EROSION MUST BE REPAIRED IMMEDIATELY DURING CONSTRUCTION AND NEED TO BE MAINTAINED UNTIL THE SITE IS FULLY STABILIZED OR VEGETATION IS ESTABLISHED. A CONSTRUCTION LOG MUST BE MAINTAINED FOR THE EROSION AND SEDIMENTATION CONTROL INSPECTIONS AND MAINTENANCE.
- CONTRACTOR WILL BE RESPONSIBLE FOR FOLLOWING PROCEDURES FOUND IN THE "MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS" (PUBLISHED MARCH 2015). THE PUBLICATION CAN BE FOUND AT: [HTTP://WWW.MAINE.GOV/DEPLAND/EROSION/ESCBMPS/INDEX.HTML](http://www.maine.gov/dep/land/erosion/escbmps/index.html)

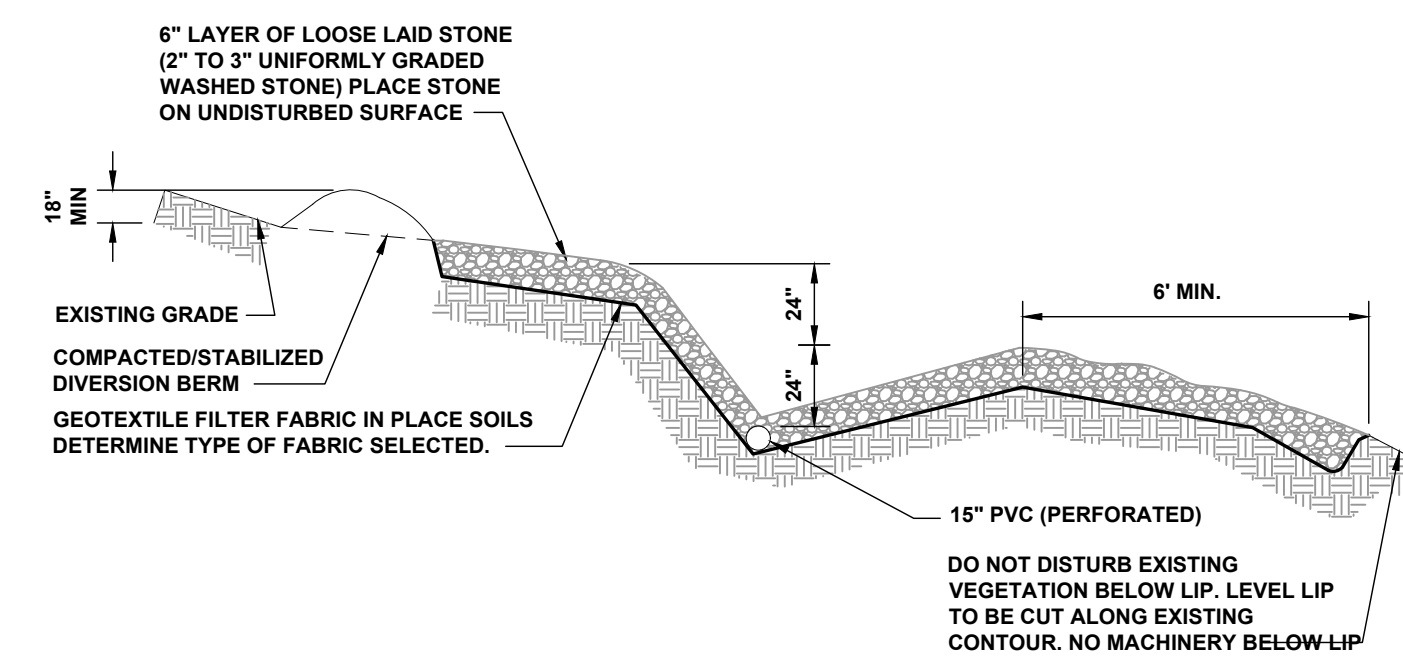
GENERAL CONSTRUCTION NOTES

1. THIS PROJECT CONSISTS OF THE CONSTRUCTION OF APPROXIMATELY 5,500 LINEAR FEET OF A 34 FOOT WIDE GRAVEL ACCESS ROAD, 5 WINDMILL TOWER PADS AND STORMWATER TREATMENT DEVICES. PROVIDE ALL SURFACE RESTORATION, EROSION CONTROL, TRAFFIC CONTROL, AND OTHER WORK AS SPECIFIED. POST CONSTRUCTION WORK WILL CONSIST OF THE REDUCTION OF ACCESS ROAD WIDTH TO 12'. THIS ACCESS ROAD, AND ACCESS PATHS LEADING TO THE TOWER PADS, WILL BE THE ONLY AREAS NOT TO BE RE-VEGETATED. WINDMILL STRUCTURES TO BE DESIGNED BY OTHERS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING A PRE-CONSTRUCTION VIDEO OF THE PROJECT AREA. COST SHALL BE INCIDENTAL TO THE PROJECT. CONTRACTOR TO PROVIDE A COPY OF THE VIDEO TO THE OWNER AND ENGINEER.
3. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH THE TOWN OF CLIFTON, THE OLD TOWN WATER DISTRICT, UTILITY COMPANIES, DIG SAFE, EMERGENCY SERVICES, PAN AM RAILWAYS AND MAINE DEPARTMENT OF TRANSPORTATION (MDOT) WHERE APPLICABLE. CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK TO ALLOW SUFFICIENT TIME TO LOCATE AND MARK THE LOCATION OF ALL BURIED UTILITIES. CONTRACTOR SHALL ALSO CONTACT "DIG SAFE", TELEPHONE NO 811 OR 888-016-SAFE. REPAIR OF ANY DAMAGED UTILITY WILL BE INCIDENTAL TO THIS PROJECT.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IN WRITING OF ANY CONDITION OR OCCURRENCE THAT REPRESENTS A CHANGE IN PROJECT SCOPE. VERBAL NOTIFICATION IS REQUIRED PRIOR TO PROCEEDING WITH THE WORK OF THE PROJECT AND WRITTEN NOTIFICATION MUST BE PROVIDED. REQUESTS FOR FEE ADJUSTMENTS WILL NOT BE CONSIDERED UNLESS PROPER NOTICE IS GIVEN.
5. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS AS REQUIRED TO PERFORM THE WORK AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES.
6. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS. PERMIT APPLICATIONS SHALL BE SUBMITTED WITH ADEQUATE TIME SO AS NOT TO DELAY CONSTRUCTION.
7. THE CONTRACTOR SHALL SUPERVISE AND INSPECT THE WORK OF THIS PROJECT IN AN EFFICIENT AND COMPETENT MANNER. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES USED TO COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE WORK IS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. A REPRESENTATIVE OF THE GENERAL CONTRACTOR SHALL BE PRESENT DURING ALL PHASES OF THE WORK.
8. SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. PERFORM ALL WORK IN ACCORDANCE WITH SAFETY STANDARDS OF APPLICABLE LAWS, BUILDING AND CONSTRUCTION CODES, THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA, THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND THE REQUIREMENTS OF TITLE 9 OF THE CODE OF FEDERAL REGULATIONS, PART 1926. "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION".
9. THE LOCATIONS OF ALL PROPERTY LINES AND RIGHT OF WAYS ARE APPROXIMATE (SHOWN FOR REFERENCE ONLY), UNLESS NOTED OTHERWISE. PROPERTY LINES AND RIGHT OF WAYS SHOWN ARE NOT INTENDED TO REPRESENT LEGAL BOUNDARIES.
10. THE LOCATION, TYPE AND SIZE OF EXISTING PIPES, DUCTS, CONDUITS AND OTHER UNDERGROUND STRUCTURES SHOWN ON THE DRAWINGS ARE NOT WARRANTED TO BE EXACT NOR IS IT WARRANTED THAT ALL UNDERGROUND STRUCTURES ARE SHOWN. CONTRACTOR SHALL FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DEPTH OF SERVICES ARE UNKNOWN AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR. EXCAVATING TEST PITS AS NECESSARY TO VERIFY UTILITY LOCATIONS AND DEPTHS SHALL BE INCIDENTAL TO THIS PROJECT.
11. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING TOPOGRAPHY AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING PIPE SIZES, INVERTS, AND LOCATIONS, AND SHALL INCLUDE IN SUBMITTAL PRIOR TO ORDERING.
13. LAYOUT OF THE PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GRADE AND LAYOUT CONTROL. LAYOUT SHOULD BE PERFORMED WITH SURVEY EQUIPMENT AND OVERSEEN BY A LICENSED SURVEYOR. A CAD FILE WILL BE AVAILABLE TO THE CONTRACTOR.
14. THE WORK SHALL INCORPORATE EROSION CONTROL MEASURES WHICH ARE COMPLIANT WITH THE LATEST VERSION OF "MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES".
15. CONTRACTOR SHALL BE REQUIRED TO PROVIDE DUST CONTROL FOR PROJECT WHICH CAN INCLUDE, BUT IS NOT LIMITED TO, WATER AND CALCIUM CHLORIDE. COST IS INCIDENTAL TO THE PROJECT.
16. RESTRICT ACCESS TO SITE THROUGH THE USE OF APPROPRIATE SIGNAGE, GATES, BARRIERS, FENCES, ETC. SITE SHALL BE LEFT WITH APPROPRIATE SAFETY MEASURES IN PLACE DURING CONSTRUCTION. NO TRENCH SHALL BE LEFT OPEN DURING NON-WORKING HOURS. SITE SAFETY IS THE RESPONSIBILITY OF CONTRACTOR, DURING BOTH WORKING AND NON-WORKING HOURS.
17. HOURS FOR THE PROJECT WILL BE MONDAY THROUGH FRIDAY, FROM 7:00 AM TO 7:00 PM, UNLESS OTHERWISE AUTHORIZED BY THE OWNER.
18. CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITIES RELATED TO THE PROJECT WITHIN THE CONFINES OF THE PROPERTY LINES. ANY ACTIVITY, MATERIAL STORAGE ETC., TAKING PLACE ON PRIVATE PROPERTY SHALL BE WITH THE EXPRESS WRITTEN PERMISSION OF THE OWNER AND PROPERTY OWNER AND COORDINATED WITH THE OWNER. WORK OUTSIDE OF THESE LIMITS MAY BE REQUIRED. THE OWNER WILL COORDINATE SECURING EASEMENTS FOR THIS WORK.
19. DO NOT PARK, IMPEDE ACCESS TO, OR STORE EQUIPMENT ON ADJACENT TOWN OR PRIVATELY OWNED LOTS, UNLESS PERMISSION HAS BEEN GRANTED IN WRITING BY TOWN AND/OR LAND OWNER.
20. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT EQUIPMENT FLUIDS FROM REACHING ANY WATER COURSE. ANY INADVERTENT FLUID DISCHARGES SHALL BE IMMEDIATELY CLEANED FROM THE WATERS USING WHATEVER MEANS NECESSARY, AS DETERMINED BY THE ENGINEER.
21. ALL FINISH SURFACES SHALL BE INSTALLED TO PROMOTE POSITIVE DRAINAGE. IN NO WAY SHALL THE NEW FINISH SURFACES CREATE DRAINAGE PROBLEMS THAT DID NOT EXIST PRIOR TO CONSTRUCTION.
22. RESTORE ALL AREAS DISTURBED BY CONTRACTORS OPERATION TO ORIGINAL CONDITIONS (GRAVEL, PAVEMENT, GRASS, CURB, ETC.) UNLESS NOTED OTHERWISE ON THE PLANS. RESTORATION OF ROADS, CURBS, PARKING SURFACES AND LAWNS DAMAGED BY THE CONTRACTOR SHALL BE INCIDENTAL TO THE PROJECT.
23. ALL MATERIALS SCHEDULED FOR REMOVAL SHALL BE DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE OWNER HAS THE FIRST RIGHT AND REFUSAL FOR ANY DEMOLITION MATERIALS.
24. DISPOSAL OF SURPLUS SOIL MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SURPLUS MATERIAL SHALL NOT BE DISPOSAL OF ON THE PROJECT SITE. DISPOSAL SHALL BE MADE ONLY AT WASTE AREAS WHICH ARE LICENSED TO ACCEPT SUCH MATERIALS, UNLESS THE MATERIAL IS ACCEPTABLE FOR USE AS FILL IN OTHER AREAS OF THE PROJECT. THE OWNER HAS THE FIRST RIGHT AND REFUSAL FOR ANY SURPLUS SOIL MATERIALS.
25. CONTRACTOR SHALL MAINTAIN TRAFFIC IN A SAFE MANNER AT ALL TIMES DURING CONSTRUCTION. MDOT TRAFFIC CONTROL AND SIGNAGE REQUIREMENTS SHALL APPLY ON THE TOWN OF CLIFTON STREETS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION. THE ROADS SHALL NOT BE CLOSED TO TRAFFIC WITHOUT PERMISSION FROM THE TOWN OF CLIFTON.
26. PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MONUMENTS. IF DISTURBED, THE PROPERTY MONUMENT WILL BE RESET AT THE CONTRACTOR'S EXPENSE, BY A REGISTERED LAND SURVEYOR APPROVED BY THE ENGINEER.
27. THE OWNER REQUIRES THAT UPON COMPLETION OF CONSTRUCTION, A COMPLETE SET OF "AS-BUILT" DRAWINGS THAT REFLECT ANY AND ALL MODIFICATIONS WITHIN THE PROJECT LIMITS BE SUBMITTED TO THE TOWN OF CLIFTON AND THE OLD TOWN WATER DISTRICT. THESE DRAWINGS SHALL BE SUBMITTED IN BOTH DIGITAL (CAD) DRAWING AND HARD COPY FORMAT. A CAD FILE WILL BE AVAILABLE TO THE CONTRACTOR.



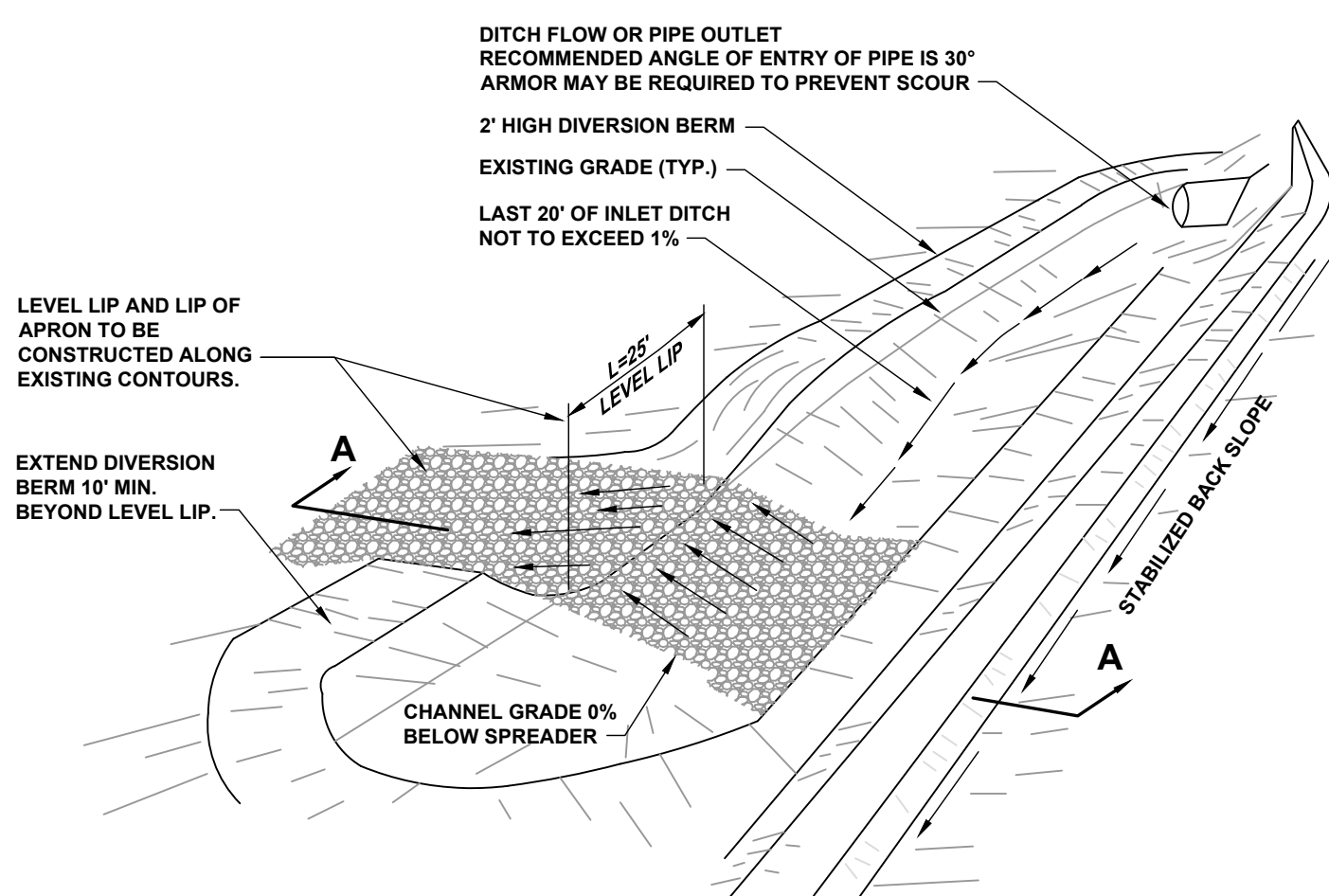
RIP RAPPED SLOPE STABILIZATION DETAIL

N.T.S.



TYPICAL BUFFER LEVEL SPREADER SYSTEM - SECTION A-A

N.T.S.



1. SPREADERS SHALL BE INSTALLED WITH A LEVEL INSTRUMENT. CONSTRUCT LEVEL UP TO 0% GRADE TO ENSURE UNIFORM SHEET FLOW. LEVEL SPREADER SHALL BE CONSTRUCTED ON UNDISTURBED SOIL (NOT FILL).
2. SELECT GEOTEXTILE FABRIC BASED ON UNDISTURBED SOILS (SANDS, SILTS, CLAYS, ETC.)
3. PLACE 6" LAYER OF UNIFORMLY GRADED STONE 2" TO 3" IN DIA. RAKE TO FORM SMOOTH UNIFORM SURFACE. DO NOT FILL VOIDS IN STONE.
4. THE INLET DITCH SHALL NOT EXCEED A 1% GRADE FOR AT LEAST 20 FEET BEFORE ENTERING THE SPREADER.
5. STORM RUN-OFF CONVERTED TO SHEET FLOW ACROSS OUTLET APRON SHALL FLOW ONTO STABILIZED AREAS. RUN-OFF SHALL NOT BE RECONCENTRATED IMMEDIATELY BELOW THE POINT OF DISCHARGE.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED.
7. CONSTRUCTION OF LEVEL UP SPREADER SHALL BE FROM UPHILL SIDE ONLY. LEVEL UP & AREA BELOW SPREADER SHALL BE AT EXISTING GRADES & UNDISTURBED BY EARTHWORK OR EQUIPMENT.
8. CONSTRUCT SPREADER WITH LIP AT EXISTING ELEVATION AS SPECIFIED.
9. DOWNGRADIENT RECEIVING AREA MUST BE NATURALLY WELL VEGETATED.
10. DISCHARGE NOT PERMITTED WITHIN 25' OF A STREAM OR WETLAND. CONSULT DEP IF STRUCTURE MUST BE WITHIN 75' OF STREAM OR WATER BODY.

LEVEL LIP SPREADER DETAIL

N.T.S.

PROJECT TITLE: SILVER MAPLE WIND ENERGY PROJECT
CLIFTON, MAINE
SHEET TITLE: SITE DETAILS

DATE: 2019-07-24
DRAWN BY: WAB
CHECKED BY: TRB
FOR NUMBER: 11657_006
DRAWING NUMBER: C501

SCALE: NTS

DATE: 2019-07-24
DRAWN BY: WAB
CHECKED BY: TRB
FOR NUMBER: 11657_006
DRAWING NUMBER: C501

ALFRED HOSKELT
REGISTERED PROFESSIONAL ENGINEER
LICENSE NO. 11657

STATE OF MAINE

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