



VOLUME TWO to:

Petition of BNE Energy Inc.

for a Declaratory Ruling for the Location, Construction and Operation

**of a 4.8 MW Wind Renewable Generating Project on Flagg Hill Road in Colebrook,
Connecticut ("Wind Colebrook South")**

December 6, 2010

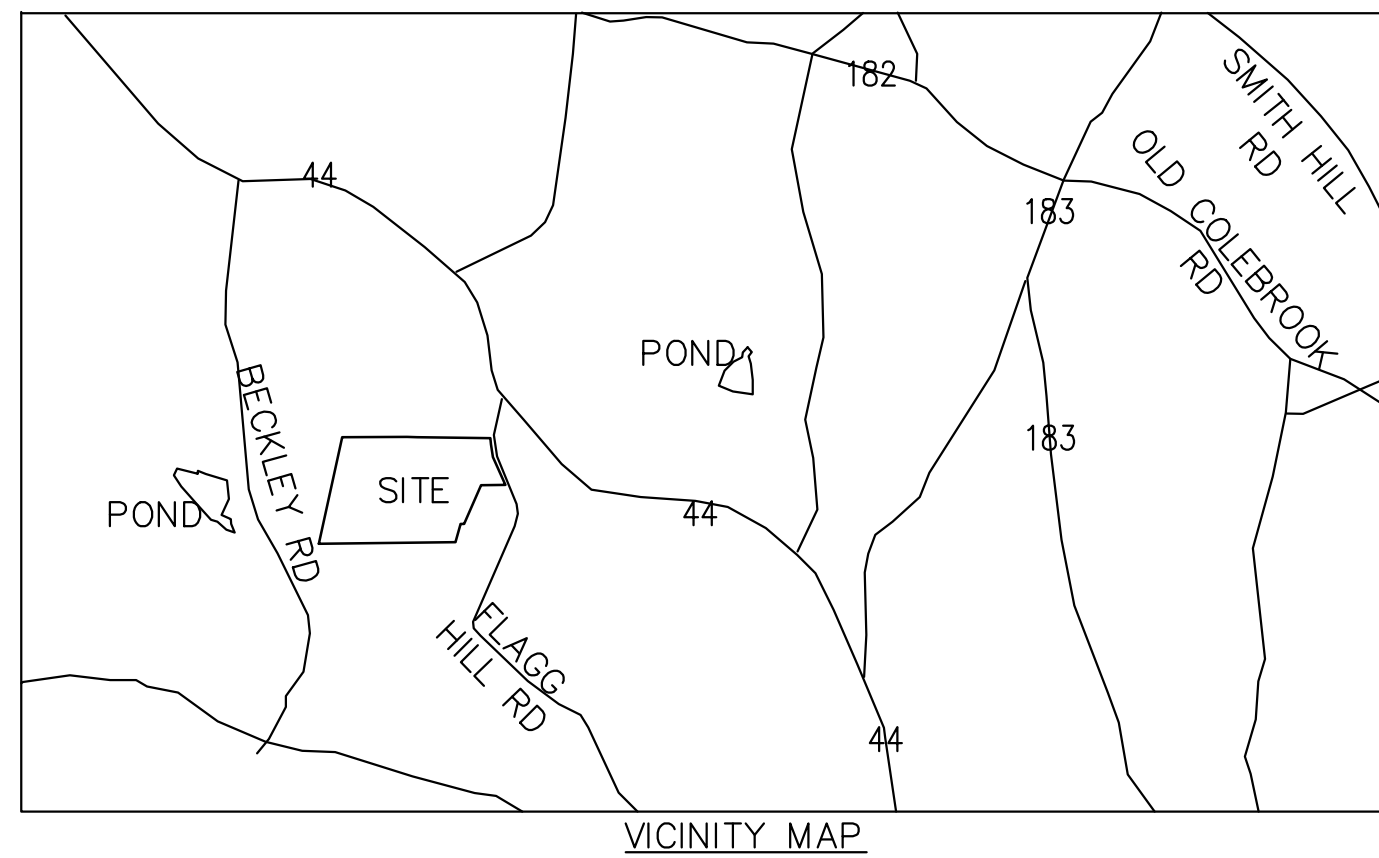
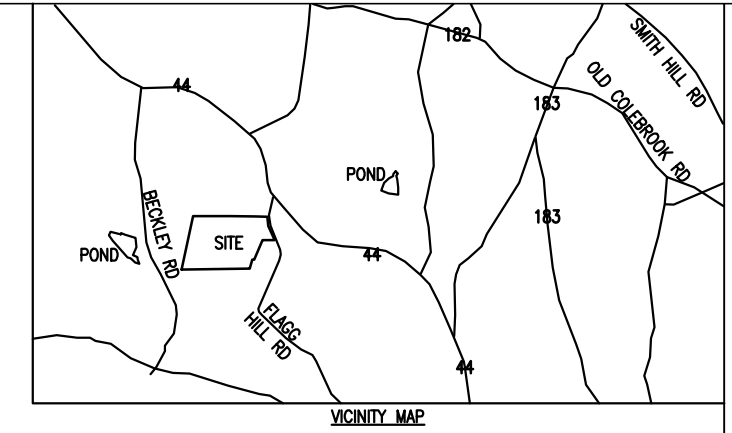
EXHIBITS

Site Plans.....	Exhibit F
Storm Water Management Plan	Exhibit G
Soil Erosion and Sedimentation Control Plan	Exhibit H

EXHIBIT F

WIND COLEBROOK SOUTH

29 FLAGG HILL ROAD COLEBROOK, CONNECTICUT



BNE ENERGY
29 SOUTH MAIN STREET
TOWN CENTER SUITE 200
WEST HARTFORD, CT 06107



CONNECTICUT SITING COUNCIL SUBMISSION

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MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10		

DESIGNED BY:	DATE:
DRAWN BY:	11-18-10
REVISION:	
CHKD BY:	
TLC:	
FILE NUMBER:	
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WIND COLEBROOK SOUTH
CONNECTICUT
COVER SHEET AND DRAWING INDEX

SHEET IDENTIFICATION
G-000

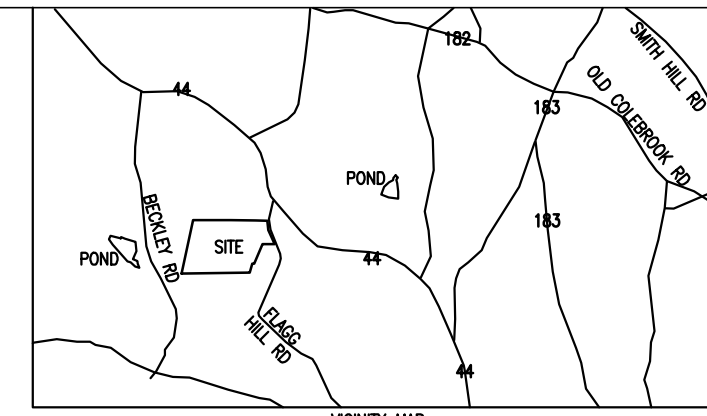
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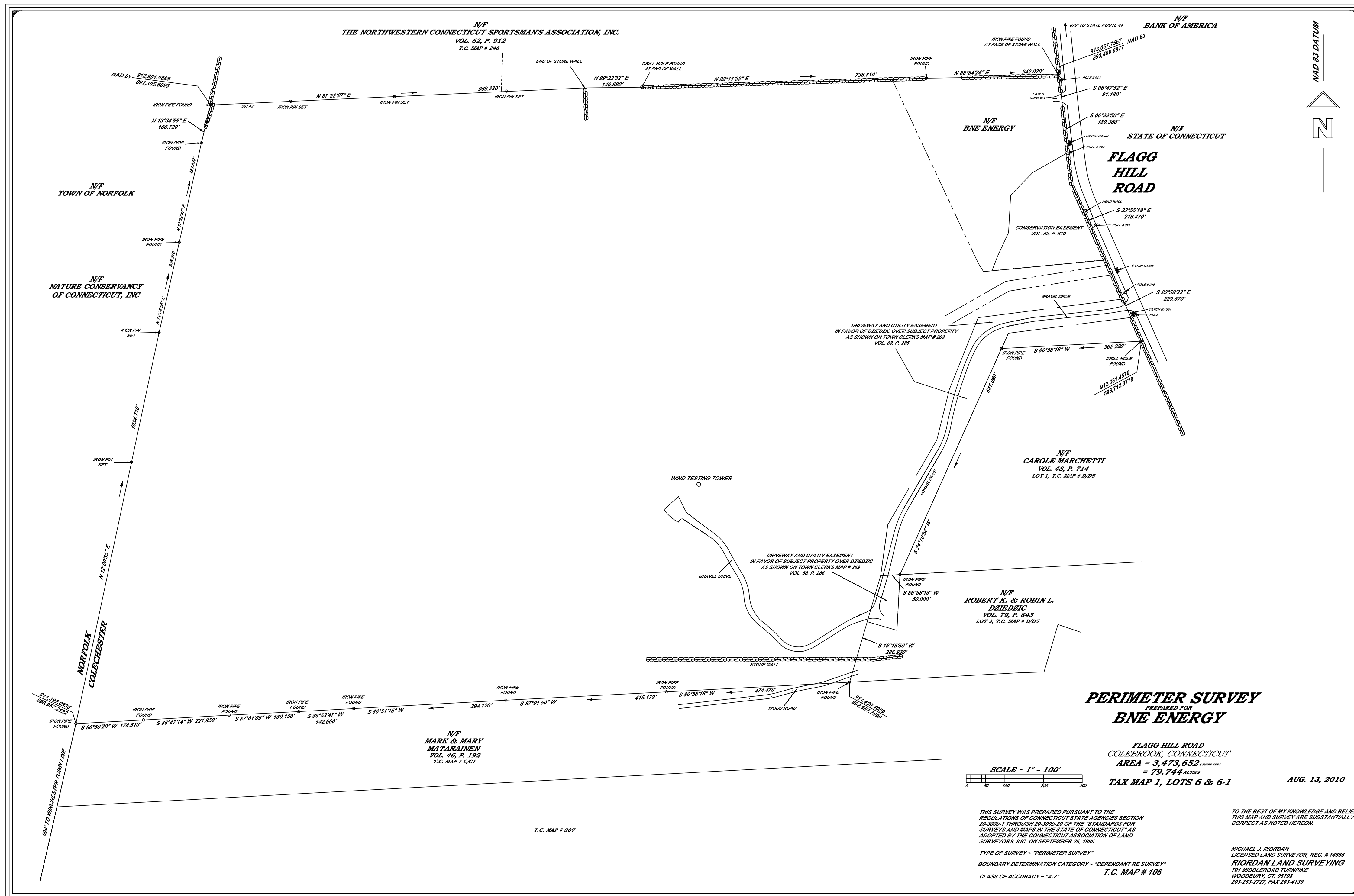
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BNE Energy Inc.
 Producer of green clean energy



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TLC:	
SUBMITTED BY:	
BNE ENERGY:	
PLOT SCALE:	FILE NUMBER:
AS SHOWN:	11-19-10
FILE NAME:	1355
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WIND COLEBROOK SOUTH CONNECTICUT
 ABUTTERS MAP

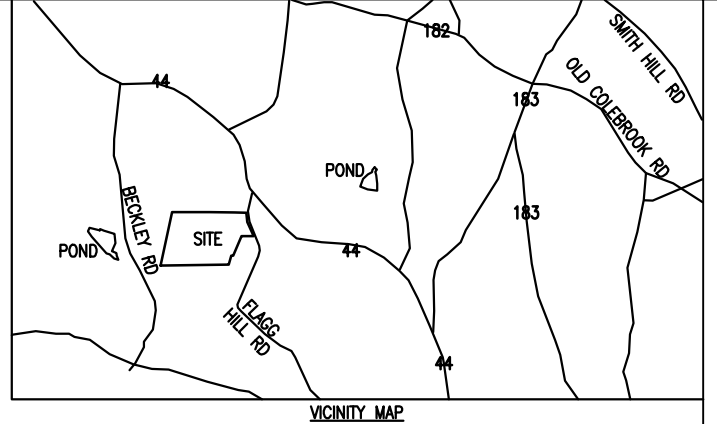
SHEET IDENTIFICATION
C-001

GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS, LOCAL REQUIREMENTS AND GOVERNMENT REQUIREMENTS.
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE SIX INCHES OF TOPSOIL AND SHALL BE SEEDED, UNLESS OTHERWISE NOTED.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS.
- TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, UNLESS OTHERWISE INDICATED.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE AS SOON AS PRACTICABLE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOILS ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS. CONTRACTOR SHALL DISPOSE OF DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES, AND STATUTES.
- DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR.
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LAYOUT AND MATERIALS NOTES

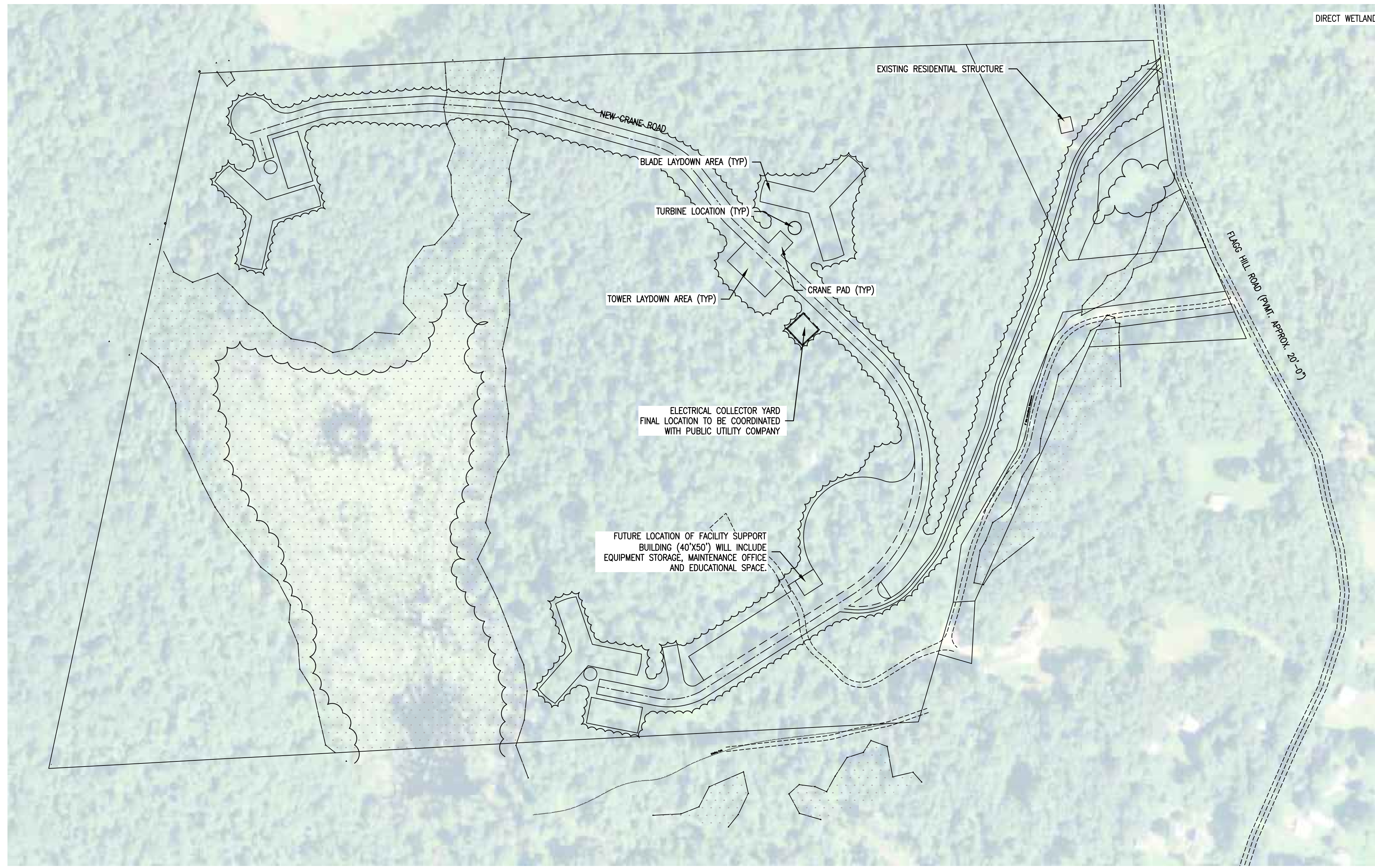
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LEGEND

	DITCH LINE
	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	WETLAND LIMITS
	COMPACTED FILL
	WETLANDS
	GRAVEL

AREA TO BE CLEARED - 493,277 SQ. FT. / 11.32 ACRES
 AREA WITHIN 100' WETLAND OFFSET - 39,000 SQ. FT. / 0.89 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4915 SQ. FT.



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DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
REVISED BY:	
TLK	
FILE NUMBER:	
1385	

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STATE OF CONNECTICUT
 No. 27565
 LICENSED PROFESSIONAL ENGINEER
 11-19-20

WIND COLEBROOK SOUTH
 CONNECTICUT
 SITE PLAN WITH AERIAL IMAGERY
 SHEET IDENTIFICATION
 C-002

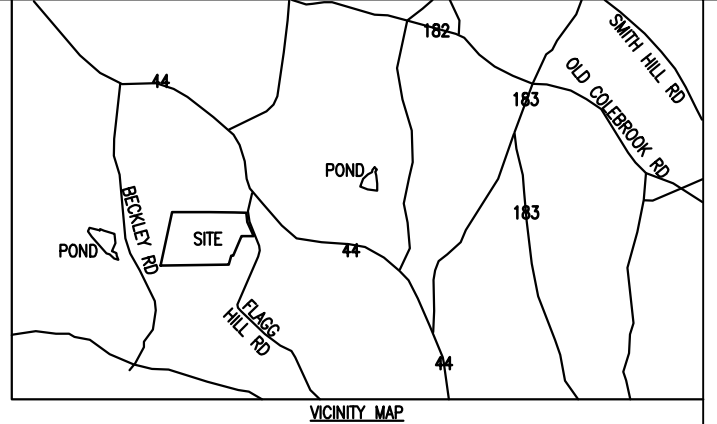
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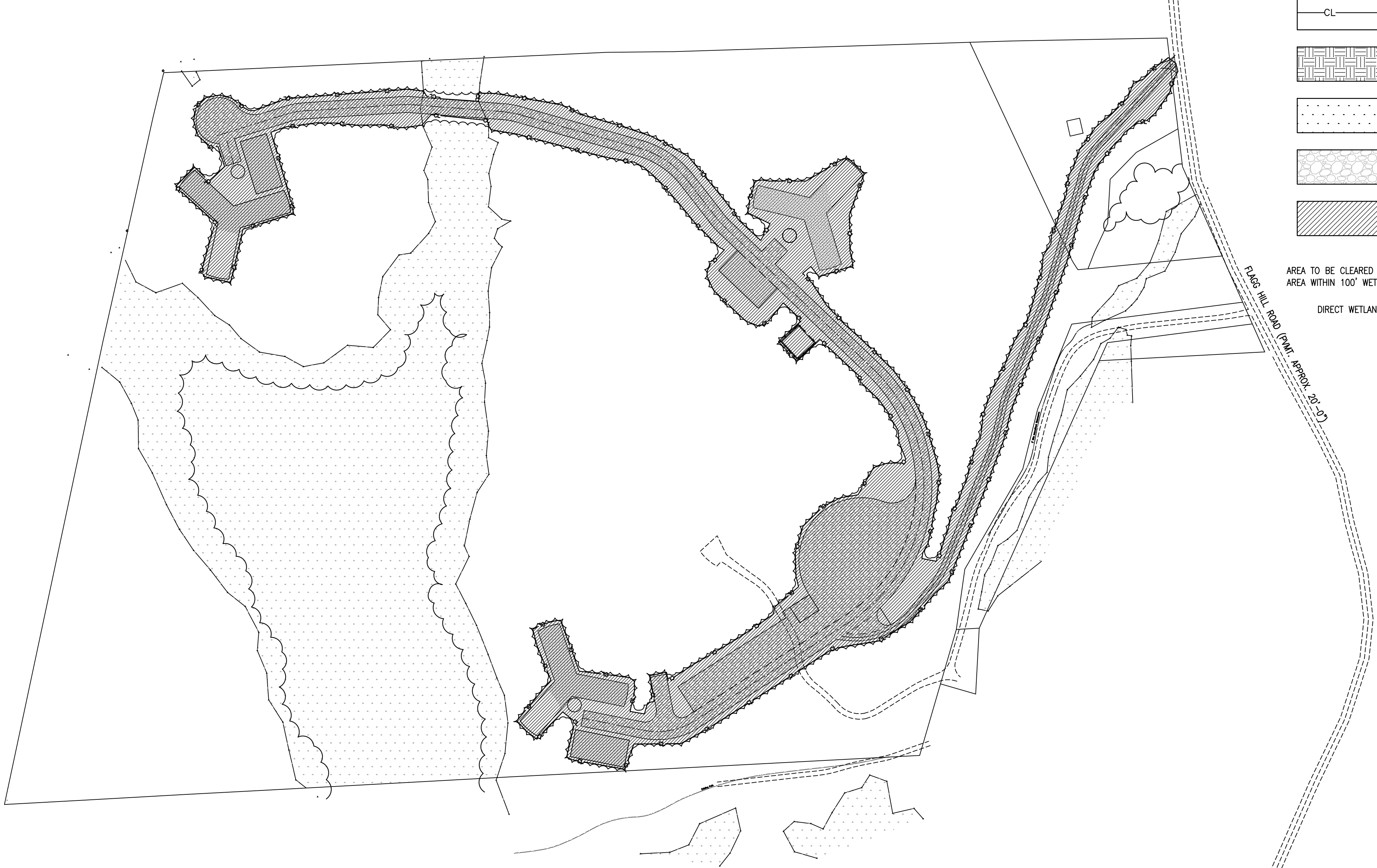
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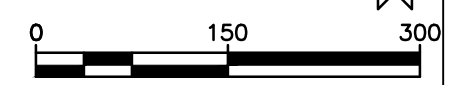


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WIND COLEBROOK SOUTH
 CONNECTICUT
 CLEARING LIMITS PLAN

SHEET IDENTIFICATION
C-003



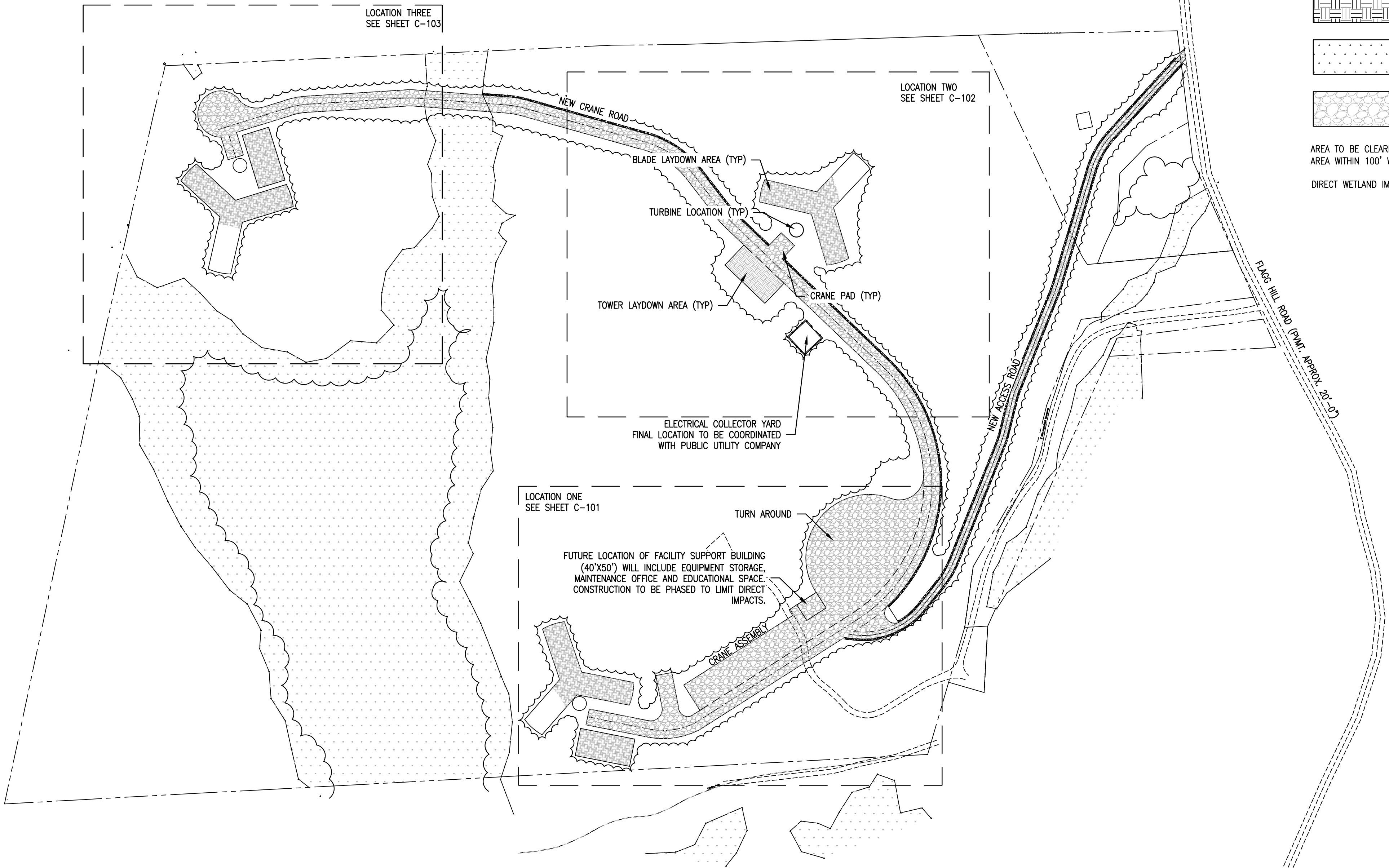
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- CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- BURNING WILL NOT BE ALLOWED ON THE PROJECT SITE UNLESS AUTHORIZED IN WRITING BY THE OWNER. THE SPECIFIC TIME, LOCATION AND MANNER OF BURNING SHALL BE SUBJECT TO APPROVAL.
- SOLID WASTES (EXCLUDING CLEARING DEBRIS) SHALL BE PLACED IN CONTAINERS WHICH ARE EMPTIED ON A REGULAR SCHEDULE. HANDLING, STORAGE, AND DISPOSAL SHALL BE CONDUCTED TO PREVENT CONTAMINATION. SEGREGATION MEASURES SHALL BE EMPLOYED SO THAT NO HAZARDOUS OR TOXIC WASTE WILL BECOME CO-MINGLED WITH SOLID WASTE. THE CONTRACTOR SHALL TRANSPORT SOLID WASTE OFF SITE AND DISPOSE OF IT IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REQUIREMENTS FOR SOLID WASTE DISPOSAL. A SUBTITLE D RCRA PERMITTED LANDFILL SHALL BE THE MINIMUM ACCEPTABLE OFFSITE SOLID WASTE DISPOSAL OPTION. THE CONTRACTOR SHALL VERIFY THAT THE SELECTED TRANSPORTERS AND DISPOSAL FACILITIES HAVE THE NECESSARY PERMITS AND LICENSES TO OPERATE. THE CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS PERTAINING TO THE USE OF LANDFILL AREAS.
- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL MARK THE AREAS THAT NEED NOT BE DISTURBED UNDER THIS CONTRACT. ISOLATED AREAS WITHIN THE GENERAL WORK AREA WHICH ARE NOT TO BE DISTURBED SHALL BE MARKED OR FENCED. MONUMENTS AND MARKERS SHALL BE PROTECTED BEFORE CONSTRUCTION OPERATIONS COMMENCE.
- THE CONTRACTOR SHALL MONITOR CONSTRUCTION ACTIVITIES TO PREVENT POLLUTION OF SURFACE AND GROUND WATERS AND SHALL COMPLY WITH THE CLEAN WATER ACT SECTION 404 REGULATIONS.
- CONTRACTOR SHALL ESTABLISH AND VERIFY POINT OF BEGINNING (P.O.B) AND STAKE SITE AS INDICATED ON CONSTRUCTION DOCUMENTS PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL DIMENSIONS ARE TO BACK OF CURB, FACE OF BUILDING, OR CENTERLINE UNLESS OTHERWISE NOTED.
- ALL DETAILS SHALL BE CONSTRUCTED IN STRICT COMPLIANCE WITH SPECIFICATIONS AND CONSTRUCTION DOCUMENTS.

LAYOUT AND MATERIALS NOTES

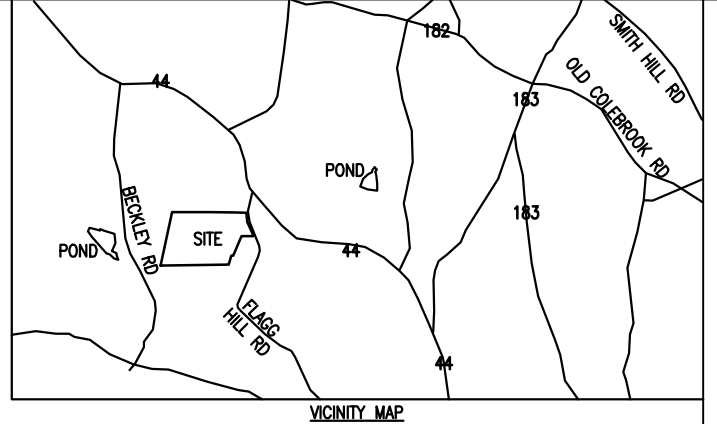
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS AND EXISTING GROUND ELEVATIONS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS, AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.



LEGEND

	DITCH LINE
	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	POST CONSTRUCTION VEGETATION LINE
	WETLAND LIMITS
	COMPACTED FILL
	WETLANDS
	GRAVEL

AREA TO BE CLEARED - 493,277 SQ. FT. / 11.32 ACRES
 AREA WITHIN 100' WETLAND OFFSET - 39,000 SQ. FT. / 0.89 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4915 SQ. FT.



MARK	DESCRIPTION	DATE	APPR.	TLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

DESIGNED BY:	DATE:	11-19-10
DRAWN BY:	CHECKED BY:	TLC
RSW	TLC	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	AS SHOWN	
FILE NUMBER:	1385	
FILE NAME:		
ANSI D		

ZAPATA
 PROFESSIONAL ENGINEER
 6502 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
 TEL: 203-261-1100 FAX: 203-261-1101
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 OVERALL SITE PLAN



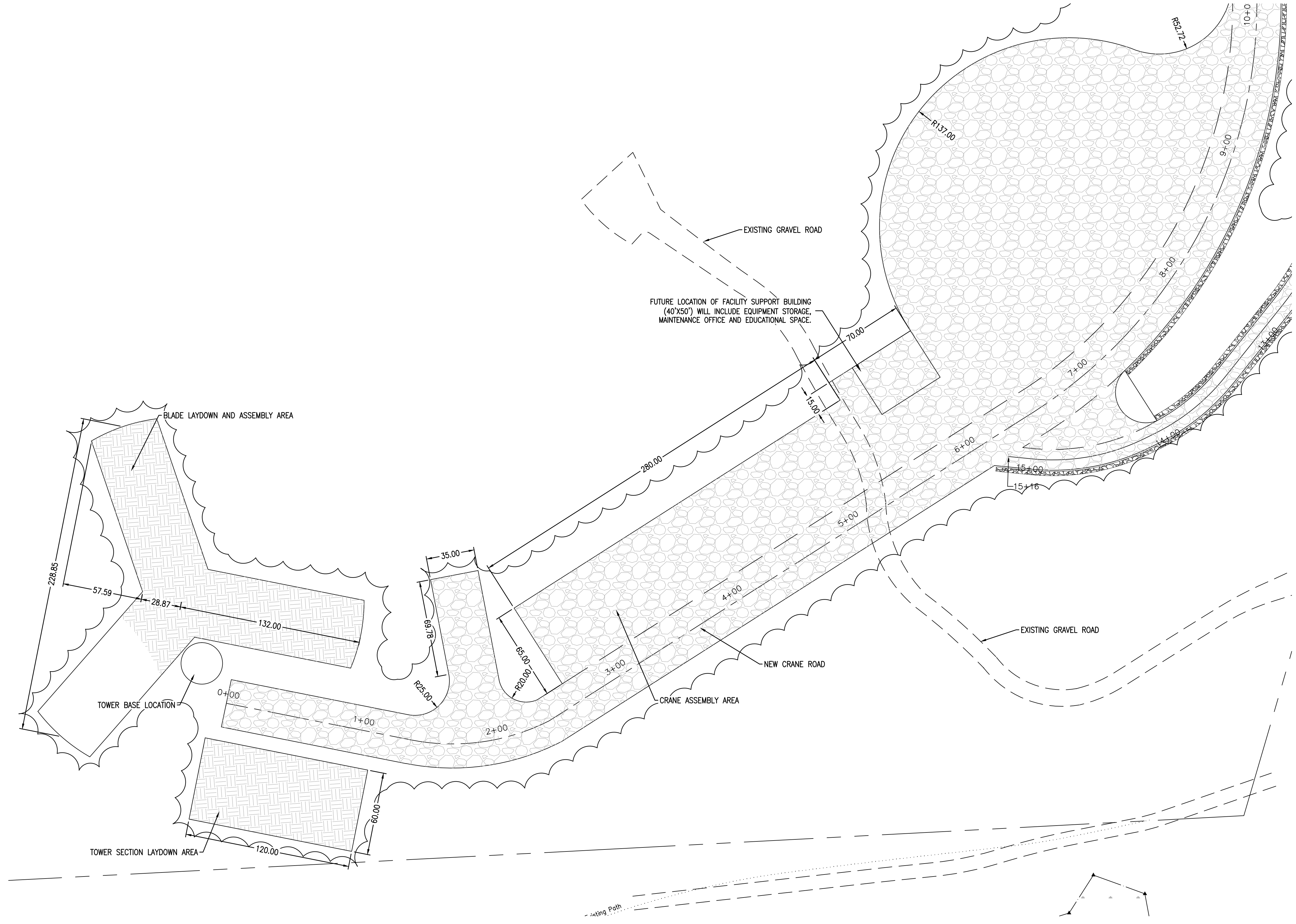
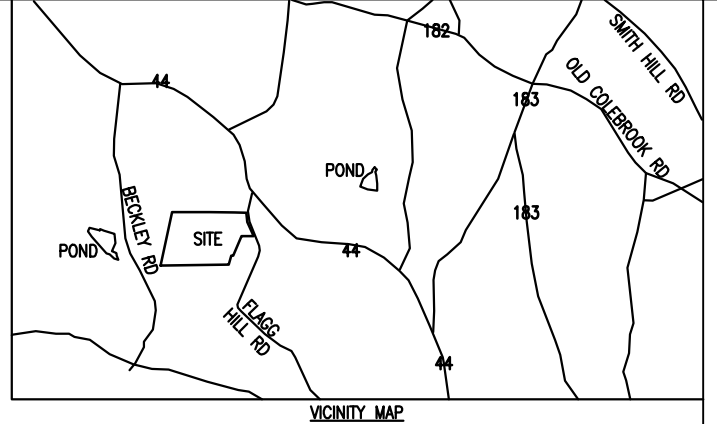
SHEET IDENTIFICATION
C-100

D

C

B

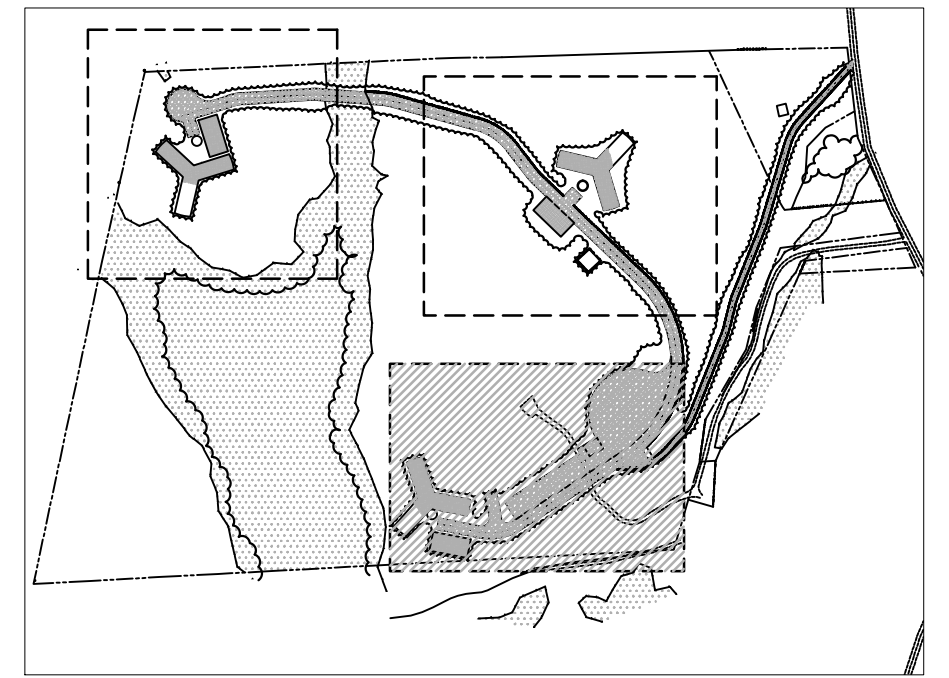
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LEGEND

	DITCH LINE
	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	POST CONSTRUCTION VEGETATION LINE
	WETLAND LIMITS
	COMPACTED FILL
	WETLANDS
	GRAVEL

- NOTES:
1. CRANE ASSEMBLY AREA FOR 450T CRAWLER WITH 295' MAIN BOOM.
 2. AT SITE ENTRANCE, ROAD SHALL BE MINIMUM OF 35' WIDE FOR MINIMUM 200' TO ALLOW FOR TWO-WAY TRAFFIC.



MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC	APPR.

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

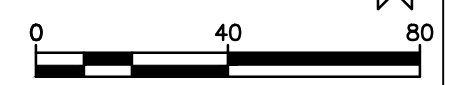
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DRAWN BY:	CHKD BY:	TLC
SUBMITTED BY:	BNE ENERGY	FILE NUMBER:
PLOT SCALE:	AS SHOWN	11-19-10
SIZE:	ANSI D	1385

ZAPATA
ENGINEERS & ARCHITECTS

6502 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
TEL: 203-261-1100 FAX: 203-261-1101
WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
CONNECTICUT

TURBINE LOCATION ONE AND
CRANE ASSEMBLY AREA SITE PLAN



SHEET IDENTIFICATION
C-101

1

2

3

4

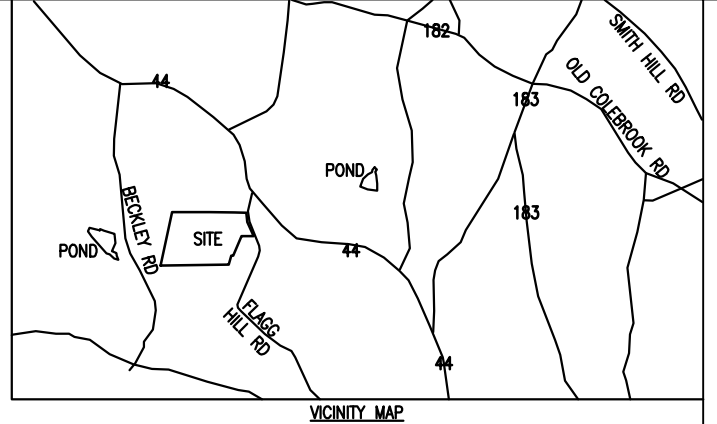
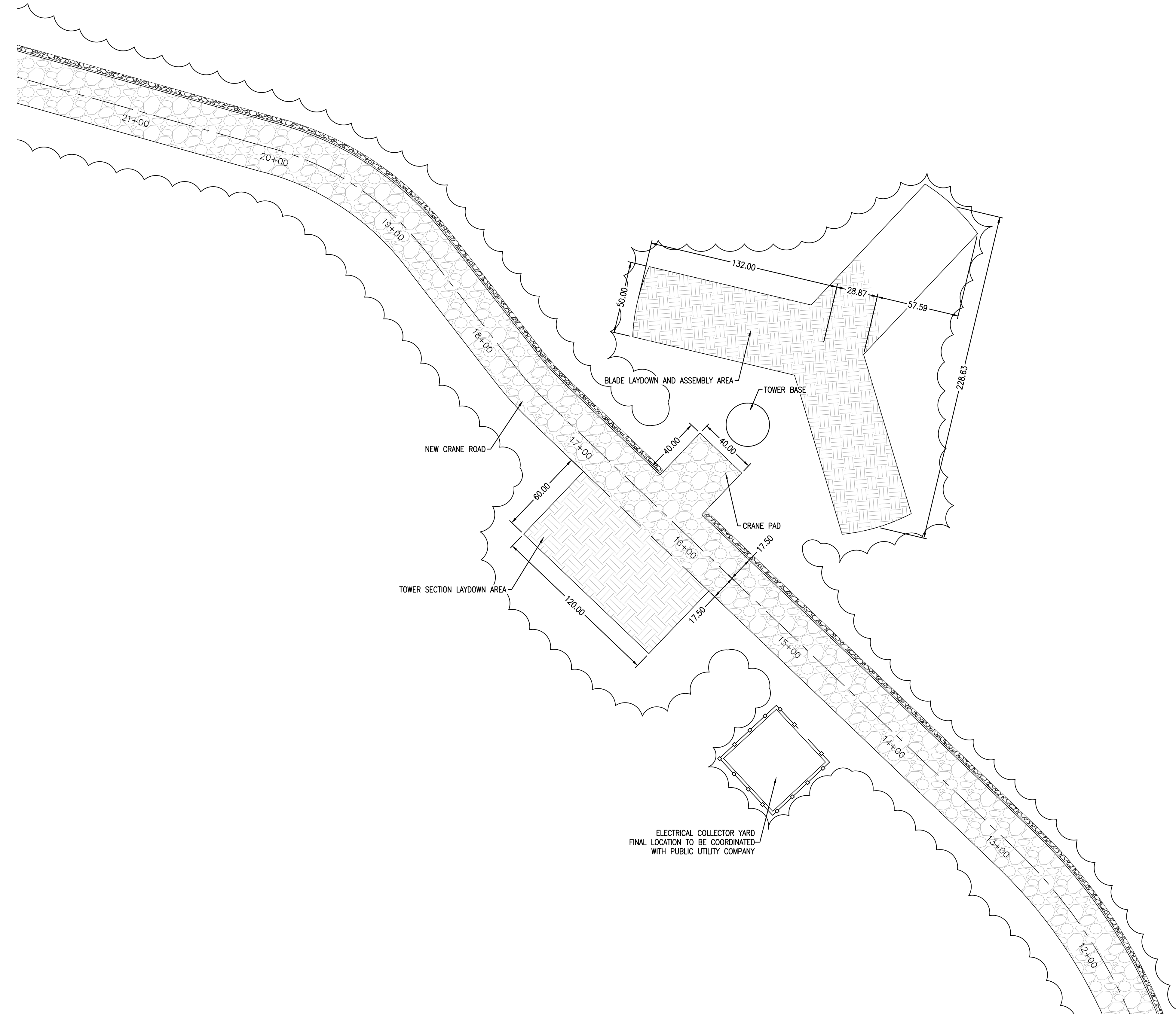
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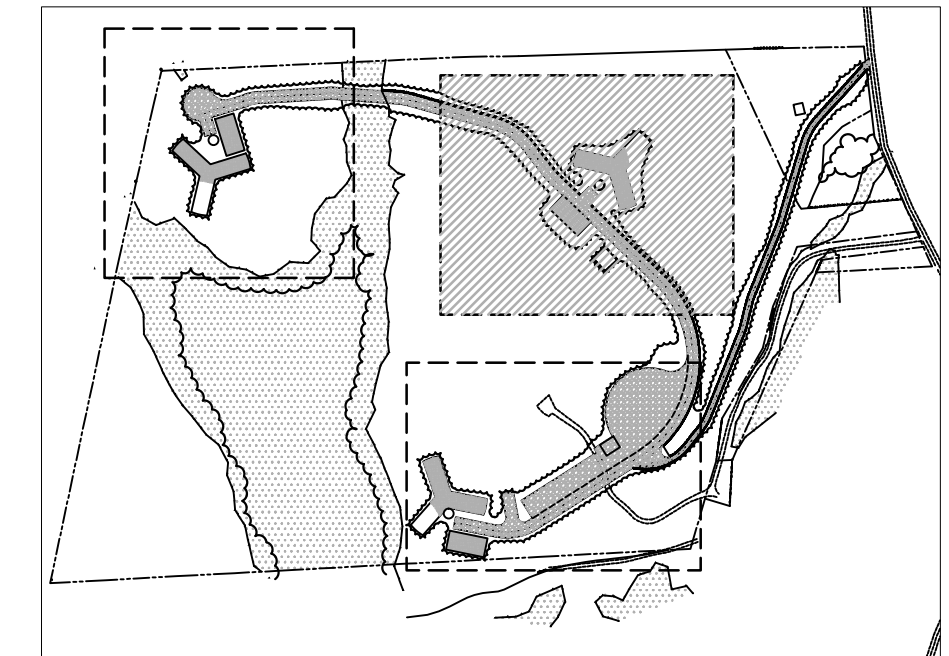
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LEGEND

	DITCH LINE
	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	POST CONSTRUCTION VEGETATION LINE
	WETLAND LIMITS
	COMPACTED FILL
	WETLANDS
	GRAVEL

- NOTES:
1. CRANE PAD SHALL NOT EXCEED 1% SLOPE.
 2. BLADE ASSEMBLY AREA SHALL NOT HAVE FLATNESS DEVIATION OF MORE THAN 6 INCHES OVER THE LENGTH OF BLADES.
 3. TOWER SECTION LAYDOWN AREA SHALL NOT EXCEED 5% SLOPE.



11.19.20

MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
RSW	
CHK BY:	
TLC	
FILE NUMBER:	
1385	
FILE NAME:	
ANSI D	

ZAPATA
6302 LAWRENCE ROAD, SUITE 200, FARMINGTON, CT 06030
PHONE: (860) 356-8940
FAX: (860) 356-8941
WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
CONNECTICUT
TURBINE LOCATION TWO SITE PLAN

SHEET
IDENTIFICATION
C-102



1

2

3

4

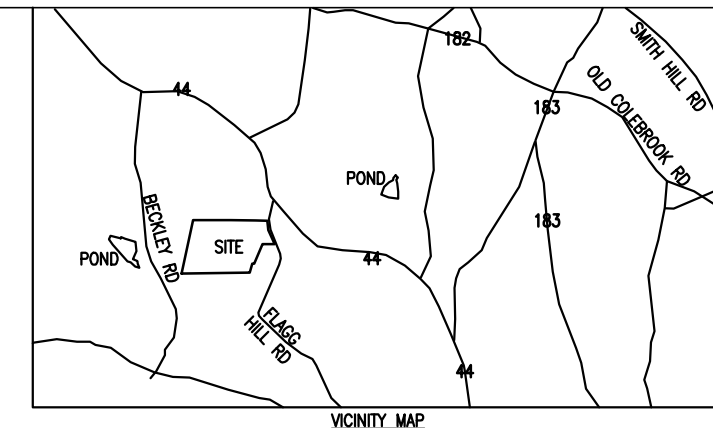
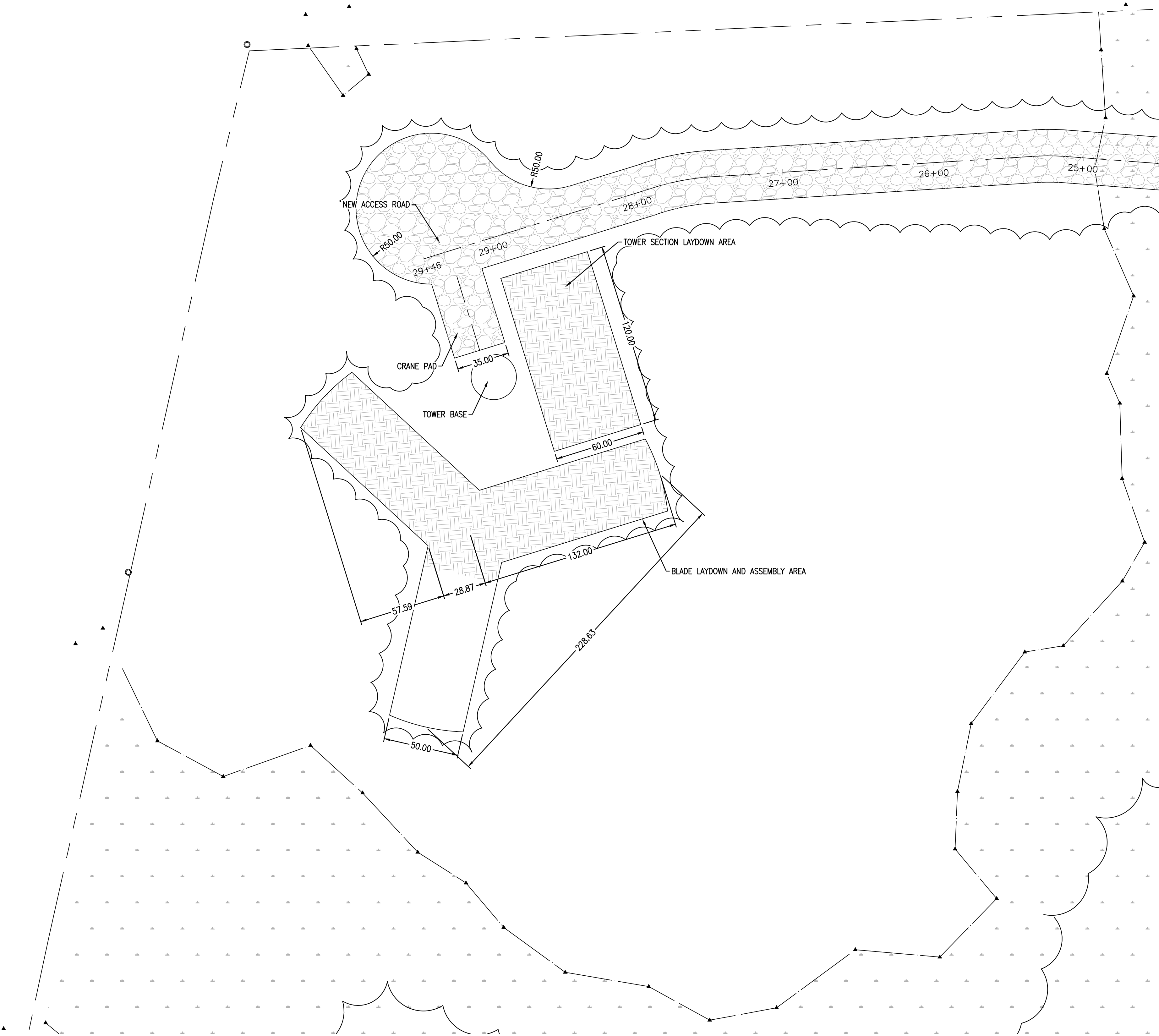
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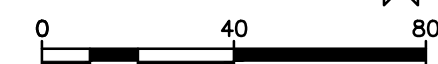
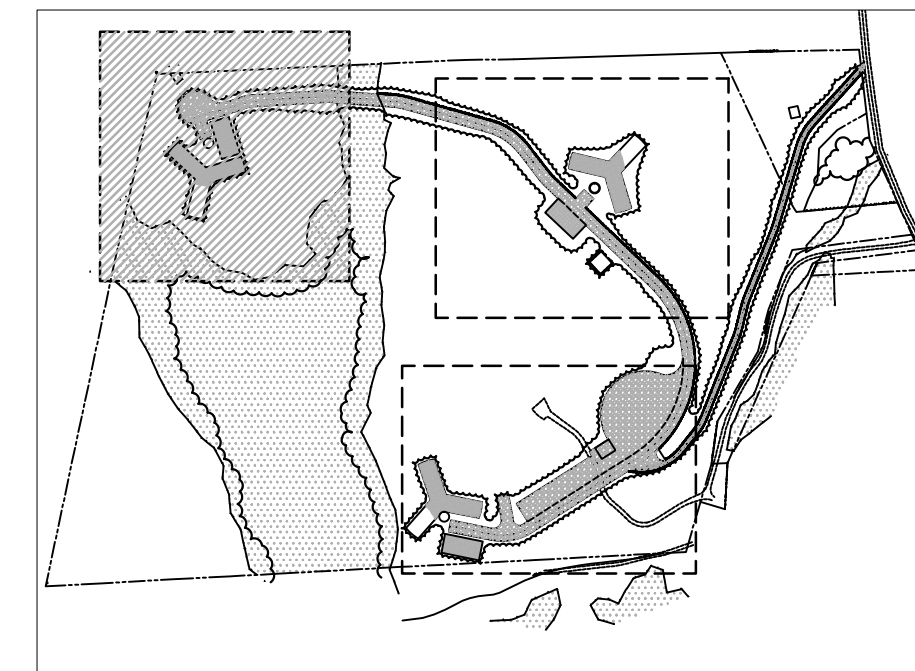
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LEGEND

	DITCH LINE
	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	POST CONSTRUCTION VEGETATION LINE
	WETLAND LIMITS
	COMPACTED FILL
	WETLANDS
	GRAVEL

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BNE Energy Inc.
 Producer of green clean energy



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
RSW	
TLK	
DESIGNED BY:	FILE NUMBER:
BNE ENERGY	1385
AS SHOWN	FILE NAME:
ANSI D	



6302 LAWRENCE ROAD, SUITE 200, FARMINGTON, CT 06030
 PHONE: (860) 356-8240
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 WWW.ZAPATA.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE SITE PLAN

SHEET
 IDENTIFICATION
C-103

CONSTRUCTION SCHEDULE:

1. INSTALL SILT FENCE, INLET PROTECTION, SEDIMENT TRAPS, DIVERSION DITCHES, TREE PROTECTION, AND OTHER MEASURES AS SHOWN ON PLANS, CLEARING ONLY AS NECESSARY TO INSTALL THESE DEVICES.
2. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
3. APPLY SEEDING, TEMPORARY OR PERMANENT, OR OTHER TYPES OF STABILIZATION AS REQUIRED AS SOON AS GRADED AREAS ARE COMPLETE OR WHERE WORK STOPS.
4. COMPLETE FINE GRADING.
5. PREPARE ALL DISTURBED AREAS FOR SEEDING AND GROUND COVER.
6. APPLY PERMANENT SEEDING AND GROUND COVER.
7. AFTER SITE IS STABILIZED AND APPROVALS RECEIVED, ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AND THOSE DISTURBED AREAS SHALL BE SEEDED.
8. COORDINATE WITH EROSION CONTROL INSPECTOR PRIOR TO REMOVAL OF EROSION CONTROL MEASURE.
9. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
10. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED.

MAINTENANCE PLAN:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
4. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN 21 DAYS.
5. ALL SEEDED AREAS SHALL BE FERTILIZED, RE-SEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

TREE PROTECTION NOTES:

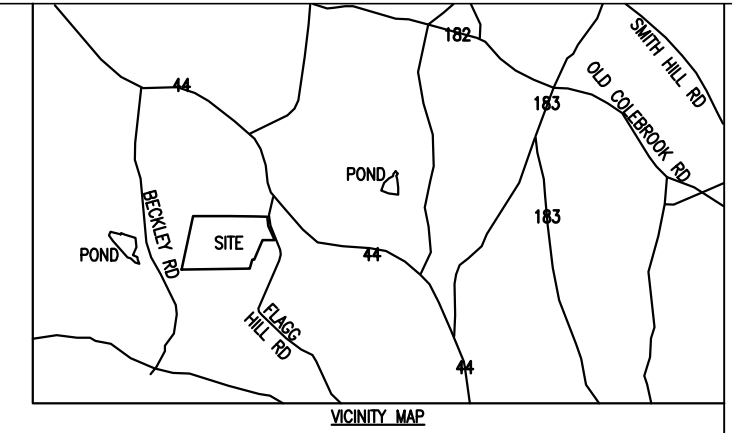
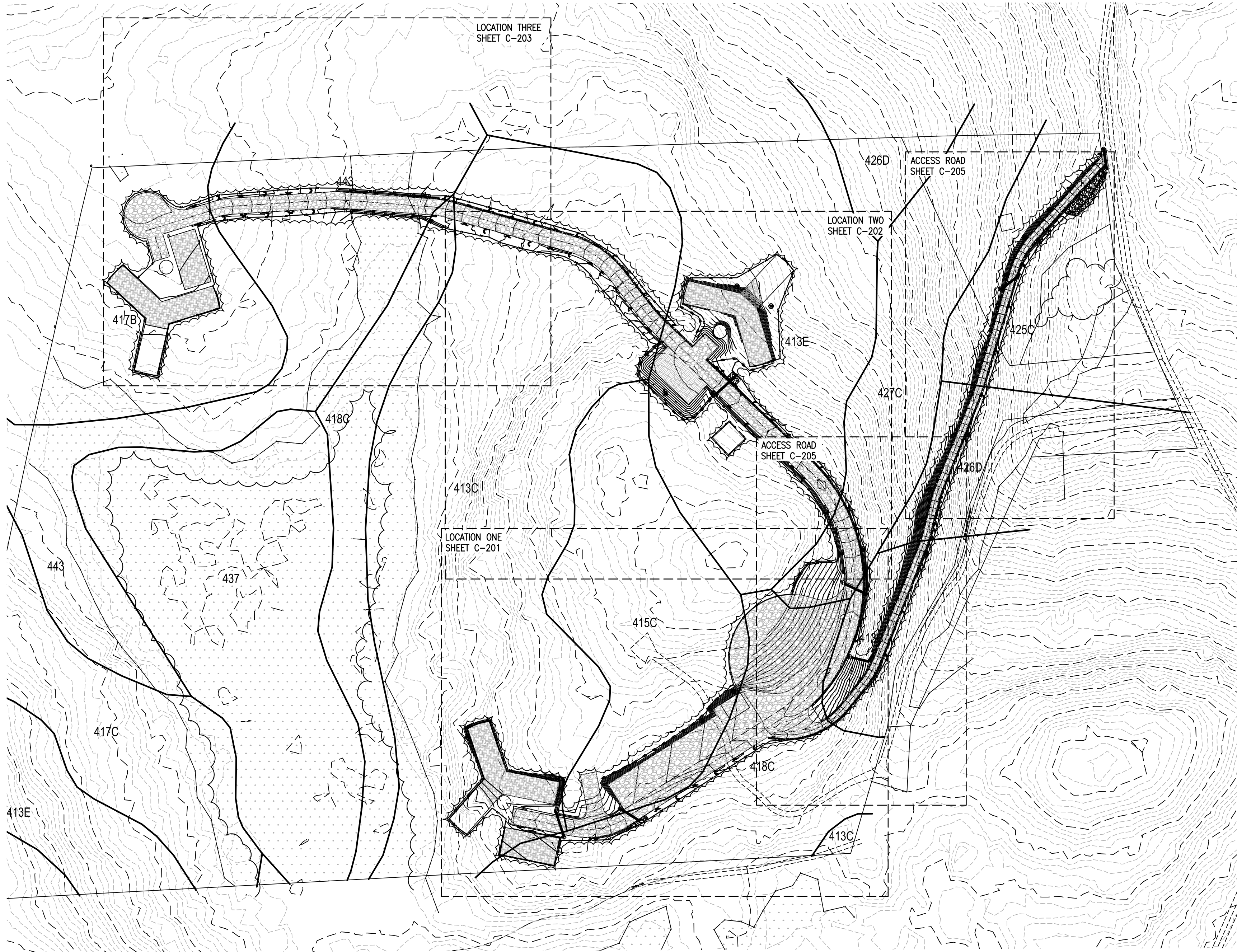
1. TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, CLEARING, GRADING, OR CONSTRUCTION, AND NOT REMOVED UNTIL AFTER FINAL INSPECTION BY URBAN FORESTRY STAFF.
2. NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, BURIAL PITS, TRENCHING OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN TREE PROTECTION AREAS, EXCEPT AS SHOWN ON APPROVED PLANS.
3. VIOLATIONS OF TREE PROTECTION REQUIREMENTS ARE SUBJECT TO FINES, AND/OR IMMEDIATE CORRECTIVE ACTION/MITIGATION.
4. NO GRUBBING WITHIN TREE PROTECTION ZONE. LEAVE SPOIL AND LEAF LITTER UNDISTURBED. SUPPLEMENT WITH 1"-2" OF MULCH. RE-SEED WITH GRASS ONLY IN DISTURBED/GRADED AREAS.
5. BRUSH VINES, AND SMALL TREES (8" DIAMETER, OR AS SMALL AS 2" CALIPER) MAY BE HAND CLEARED ONLY AND CUT FLUSH WITH GROUND SURFACE. EXISTING TREES MAY BE LIMBED UP 6'-0" (LEAVING AT LEAST 2/3 OF THE BRANCHES TO IMPROVE VISIBILITY).
6. EXPOSED TREE ROOTS MUST BE CLEANLY CUT WITH A SHARP PRUNING TOOL; BACKFILL AS SOON AS POSSIBLE TO MINIMIZE EXPOSURE TO THE AIR.
7. TREE PROTECTION FENCE IS TO BE LOCATED 1 FOOT PER TREE DIAMETER INCH AWAY FROM THE TREE IN THE SETBACK.

EROSION CONTROL NOTES:

1. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENuded AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
2. MAXIMUM GRADED SLOPES ARE 2:1. WHEN STEEPER SLOPES MUST BE USED PLANS MUST BE SEALED BY A GEO-TECHNICAL ENGINEER FOR SLOPE STABILITY AND FINAL SURFACE STABILIZATION.
3. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.

GENERAL CONSTRUCTION NOTES:

1. ALL CONTOURS AND SPOT ELEVATIONS REFLECT FINISH GRADES.
2. CONTRACTOR SHALL BLEND SMOOTHLY NEW GRADING TO EXISTING GRADE.
3. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER OR ENGINEER ANY DISCREPANCIES FOUND BETWEEN ACTUAL FIELD CONDITIONS AND CONSTRUCTION DOCUMENTS AND SHALL WAIT FOR INSTRUCTIONS BEFORE PROCEEDING.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
5. CONTRACTOR SHALL WORK WITH CAUTION DURING EARTHWORK ACTIVITIES NEAR EXISTING UTILITIES. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE APPROPRIATE AGENCY FOR FIELD LOCATIONS OF ALL UNDERGROUND UTILITIES BEFORE STARTING CONSTRUCTION.



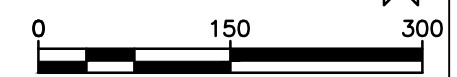
LEGEND

	84C 84B	SOIL TYPE BOUNDARY
	TD	TEMPORARY DIVERSION DITCH
	S F	SILT FENCE
	TP	TREE PROTECTION FENCE
	HB	STRAW HAY BALES
		CULVERT PIPE/SLOPE DRAIN
		WETLAND LIMITS
		ROCK CHECK DAM
	FLOW	FLOW ARROW
	TS	TEMPORARY SEEDING
		COMPACTED EARTH
		GRAVEL

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
413C	Bice-Milale complex, 3 to 15 percent slopes, very rocky	20.1	22.0%
413E	Bice-Milale complex, 15 to 45 percent slopes, very rocky	14.5	15.8%
415C	Westminster-Milale-Rock outcrop complex, 3 to 15 percent slopes	6.4	7.0%
417B	Bice fine sandy loam, 3 to 8 percent slopes, very stony	8.9	9.7%
417C	Bice fine sandy loam, 8 to 15 percent slopes, very stony	5.5	6.0%
418C	Schroon fine sandy loam, 2 to 15 percent slopes, very stony	8.3	9.0%
425C	Shelburne fine sandy loam, 8 to 15 percent slopes, very stony	2.0	2.2%
426D	Shelburne fine sandy loam, 15 to 35 percent slopes, extremely stony	2.8	2.9%
427C	Ashfield fine sandy loam, 8 to 15 percent slopes, very stony	4.6	5.0%
437	Worsweck muddy peat	9.1	9.9%
443	Brynton-Loommeadow complex, extremely stony	9.5	10.4%
Totals for Area of Interest		91.8	100.0%

DIRECT WETLAND IMPACT NOT TO EXCEED 4915 SQ. FT.



MARK	DESCRIPTION	DATE	TLK	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

DESIGNED BY:	DATE:	CHK'D BY:	FILE NUMBER:
RSW	11-19-10	TLK	1385

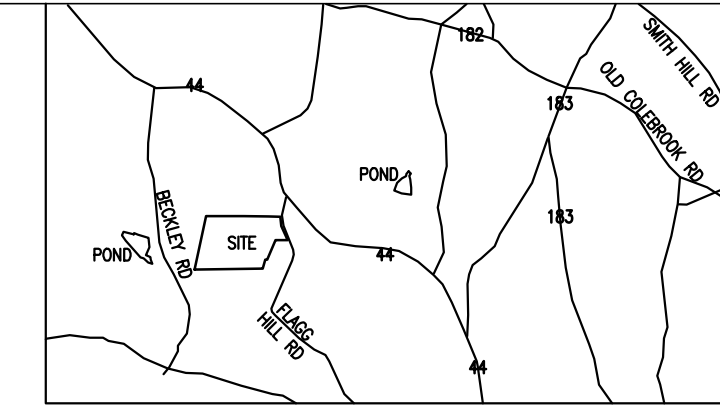
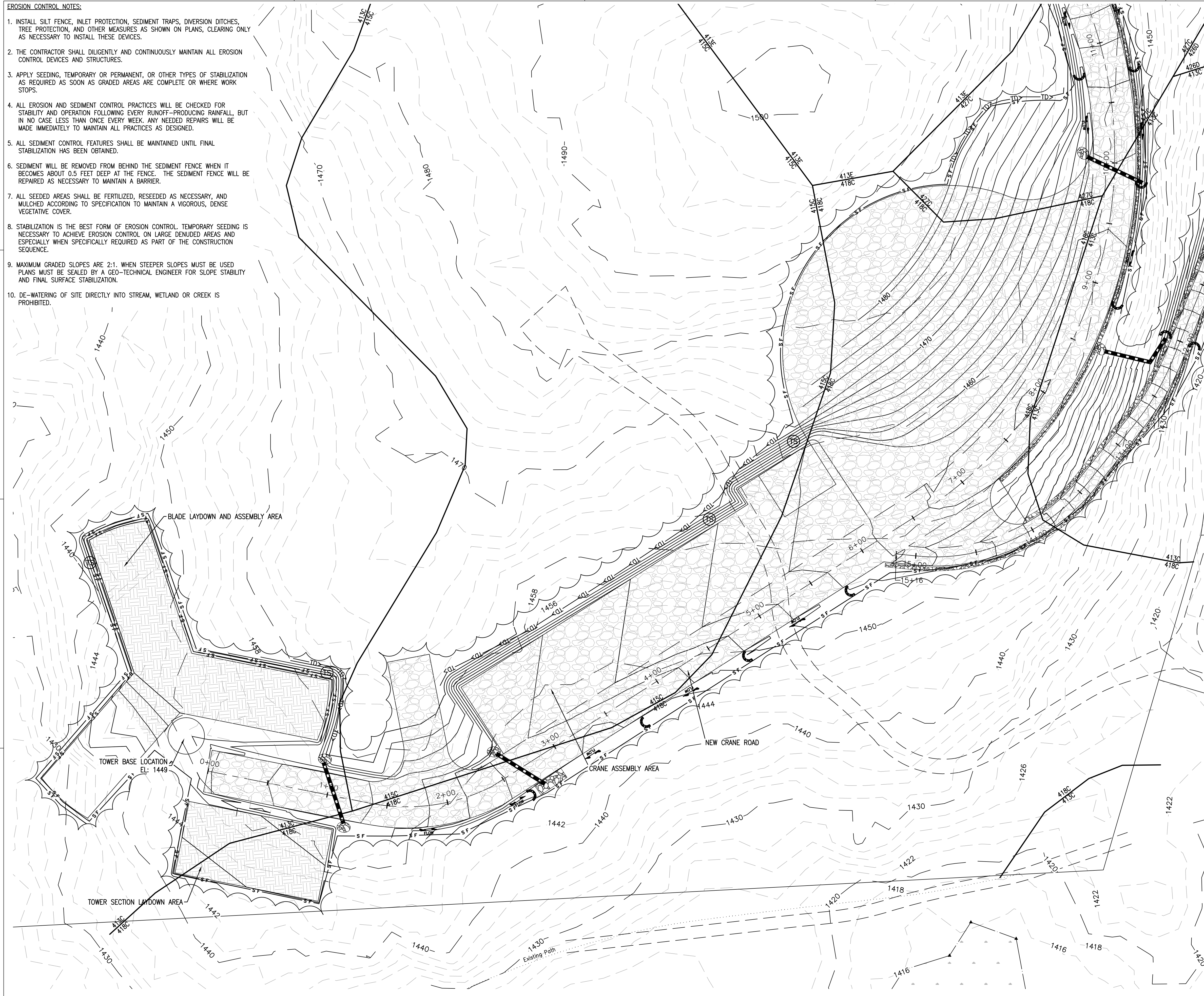
ZAPATA
 6302 WARREN ROAD, SUITE 200, WESTPORT, CT 06880
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH CONNECTICUT
 OVERALL EROSION CONTROL PLAN
 SHEET IDENTIFICATION C-200

EROSION CONTROL NOTES:

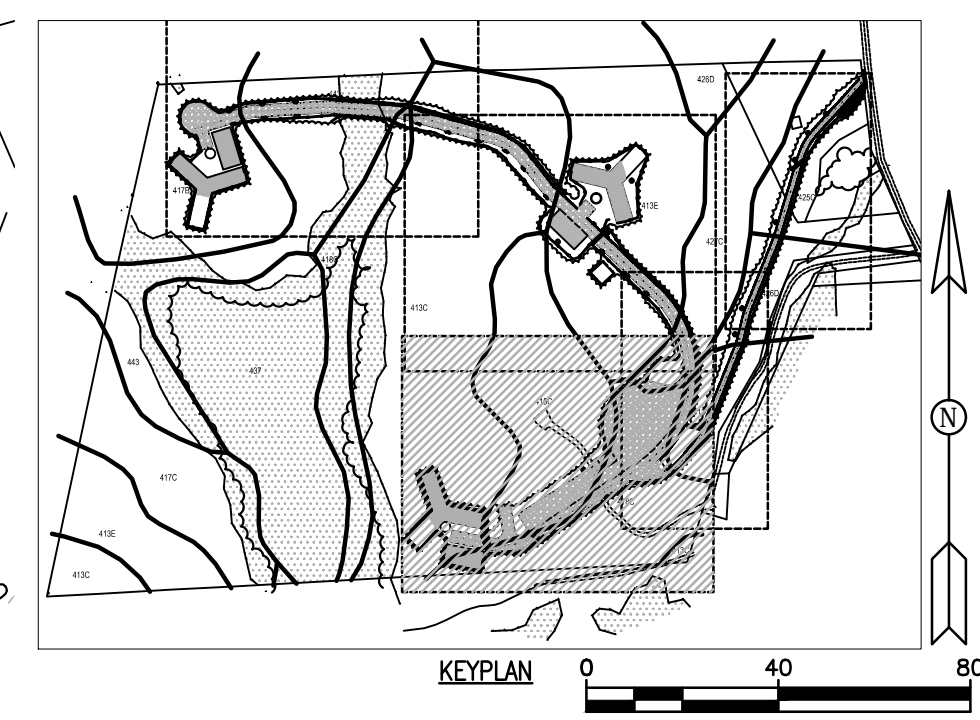
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2. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
3. APPLY SEEDING, TEMPORARY OR PERMANENT, OR OTHER TYPES OF STABILIZATION AS REQUIRED AS SOON AS GRADED AREAS ARE COMPLETE OR WHERE WORK STOPS.
4. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
5. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
6. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
7. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
8. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDEED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
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10. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.

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LEGEND

- SOIL TYPE BOUNDARY
- TEMPORARY DIVERSION DITCH
- SILT FENCE
- TREE PROTECTION FENCE
- STRAW HAY BALES
- CULVERT PIPE/SLOPE DRAIN
- WETLAND LIMITS
- ROCK CHECK DAM
- FLOW ARROW
- TEMPORARY SEEDING
- COMPACTED EARTH
- GRAVEL
- RIPRAP



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:	11-19-10
DRAWN BY:	CHKD BY:	TLK
RSW	TLK	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	FILE NUMBER:
AS SHOWN	11-19-10	1385
SIZE:	FILE NAME:	
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ZAPATA
 6302 BARVIEW ROAD, SUITE 200, FARMINGTON, CT 06030
 PHONE: (860) 356-8940
 FAX: (860) 356-8941
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION ONE AND
 CRANE ASSEMBLY AREA
 EROSION CONTROL PLAN

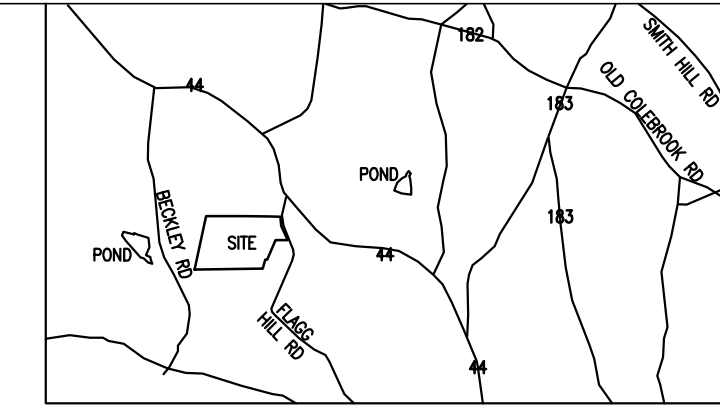
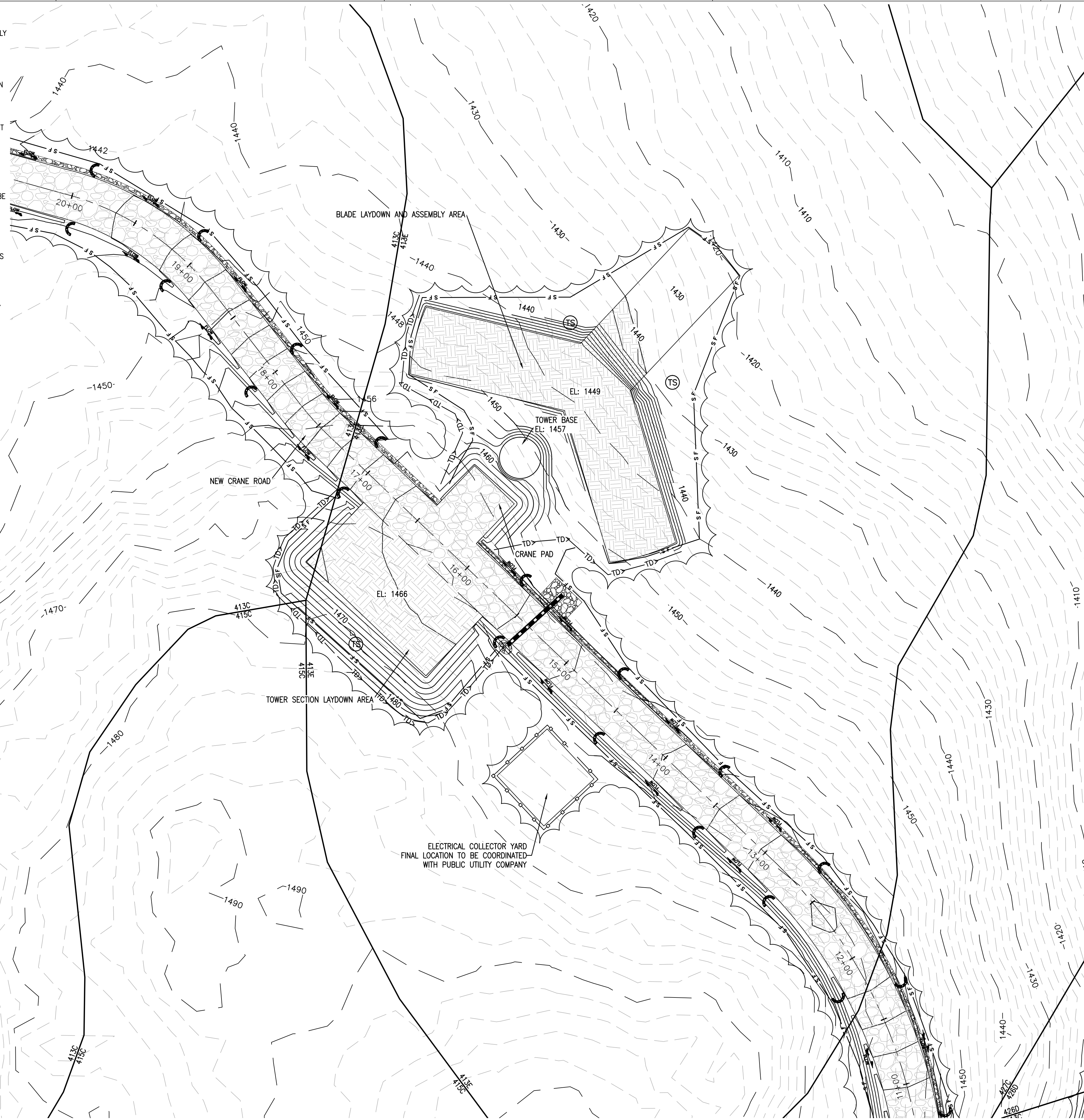
SHEET
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C-201



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

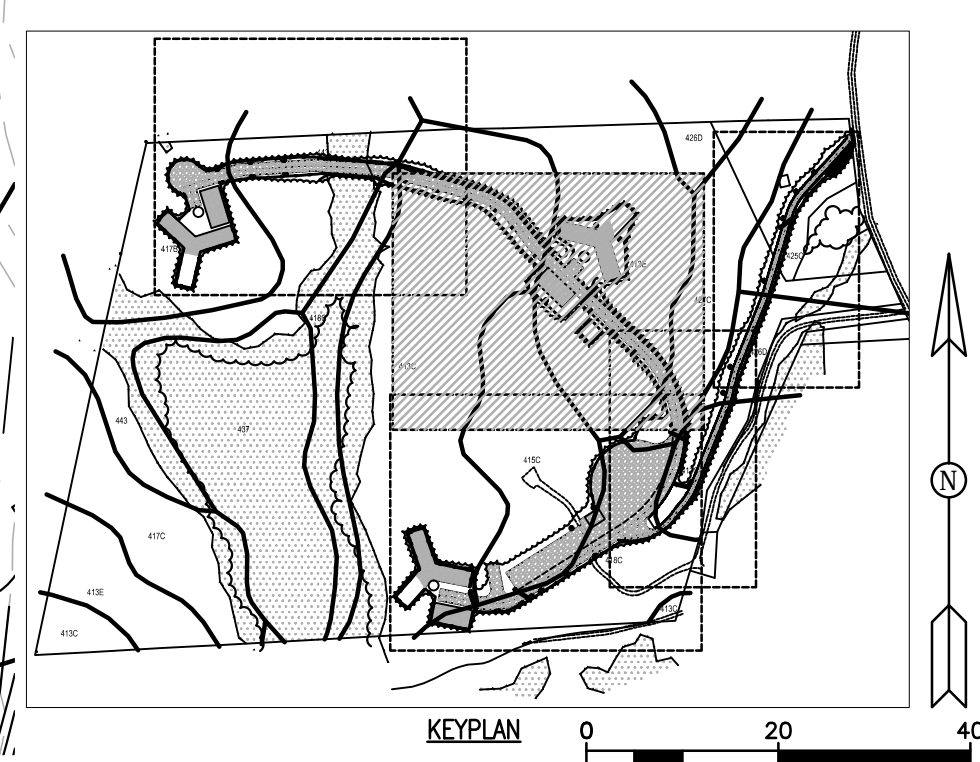
EROSION CONTROL NOTES:

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6. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
7. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
8. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
9. MAXIMUM GRADED SLOPES ARE 2:1. WHEN STEEPER SLOPES MUST BE USED PLANS MUST BE SEALED BY A GEO-TECHNICAL ENGINEER FOR SLOPE STABILITY AND FINAL SURFACE STABILIZATION.
10. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.



LEGEND

- 84C**
84B SOIL TYPE BOUNDARY
- TD TD TEMPORARY DIVERSION DITCH
- S F SILT FENCE
- TP TP TREE PROTECTION FENCE
- HB STRAW HAY BALES
- CULVERT PIPE/SLOPE DRAIN
- WETLAND LIMITS
- ROCK CHECK DAM
- FLOW FLOW ARROW
- TS TEMPORARY SEEDING
- COMPACTED EARTH
- GRAVEL
- RIPRAP



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:	CHK BY:	FILE NUMBER:
RSW	11-19-10	TLK	1385

ZAPATA
 6502 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 356-8540
 FAX: (203) 356-8541
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION TWO
 EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
C-202



EROSION CONTROL NOTES:

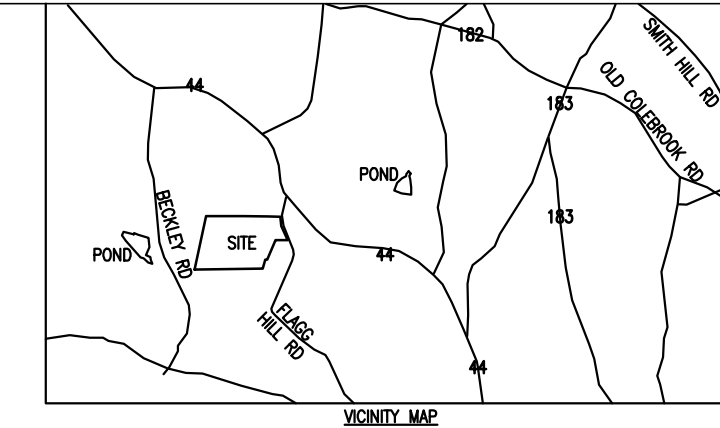
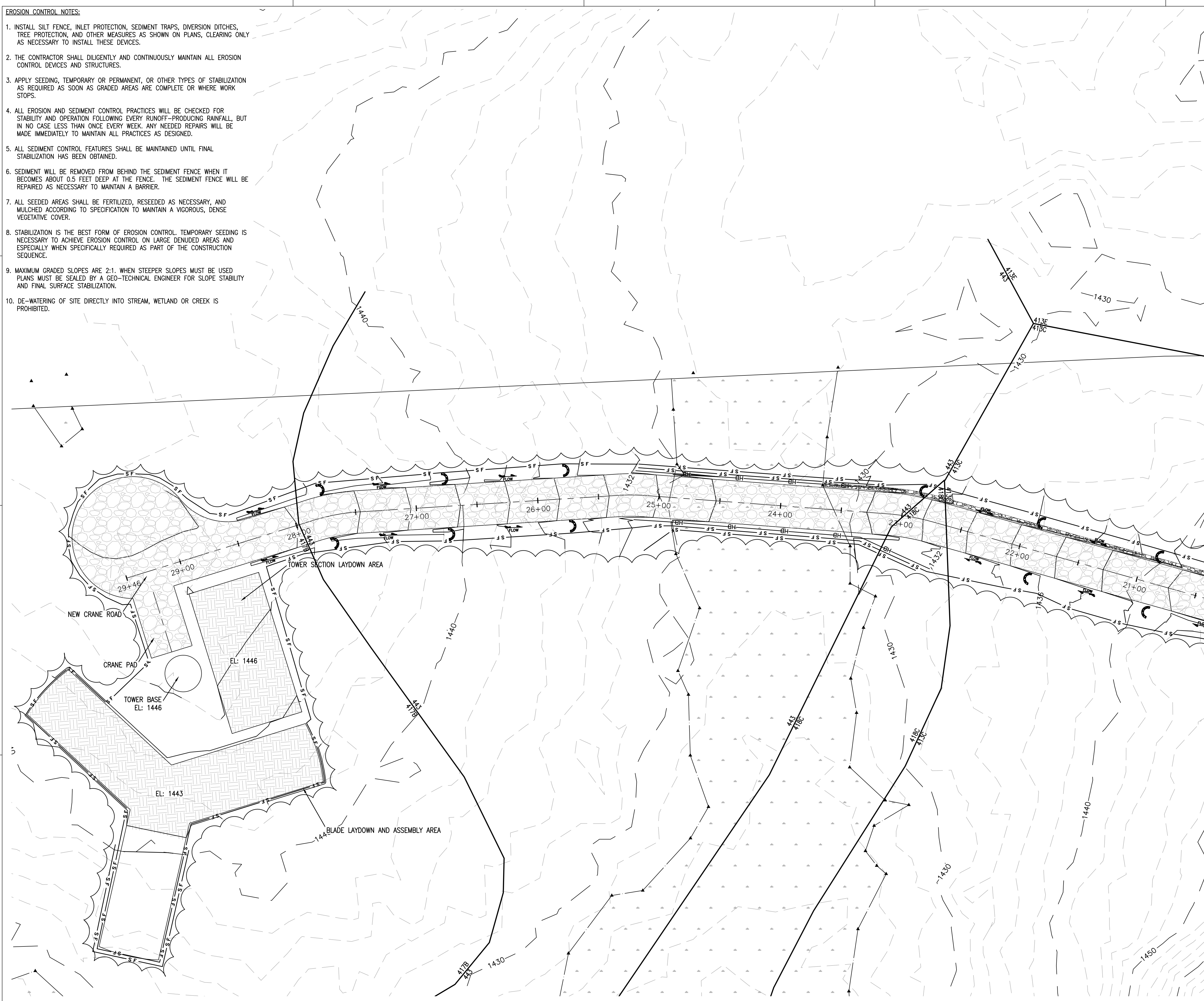
1. INSTALL SILT FENCE, INLET PROTECTION, SEDIMENT TRAPS, DIVERSION DITCHES, TREE PROTECTION, AND OTHER MEASURES AS SHOWN ON PLANS, CLEARING ONLY AS NECESSARY TO INSTALL THESE DEVICES.
2. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
3. APPLY SEEDING, TEMPORARY OR PERMANENT, OR OTHER TYPES OF STABILIZATION AS REQUIRED AS SOON AS GRADED AREAS ARE COMPLETE OR WHERE WORK STOPS.
4. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
5. ALL SEDIMENT CONTROL FEATURES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION HAS BEEN OBTAINED.
6. SEDIMENT WILL BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES ABOUT 0.5 FEET DEEP AT THE FENCE. THE SEDIMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
7. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
8. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
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10. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.

D

C

B

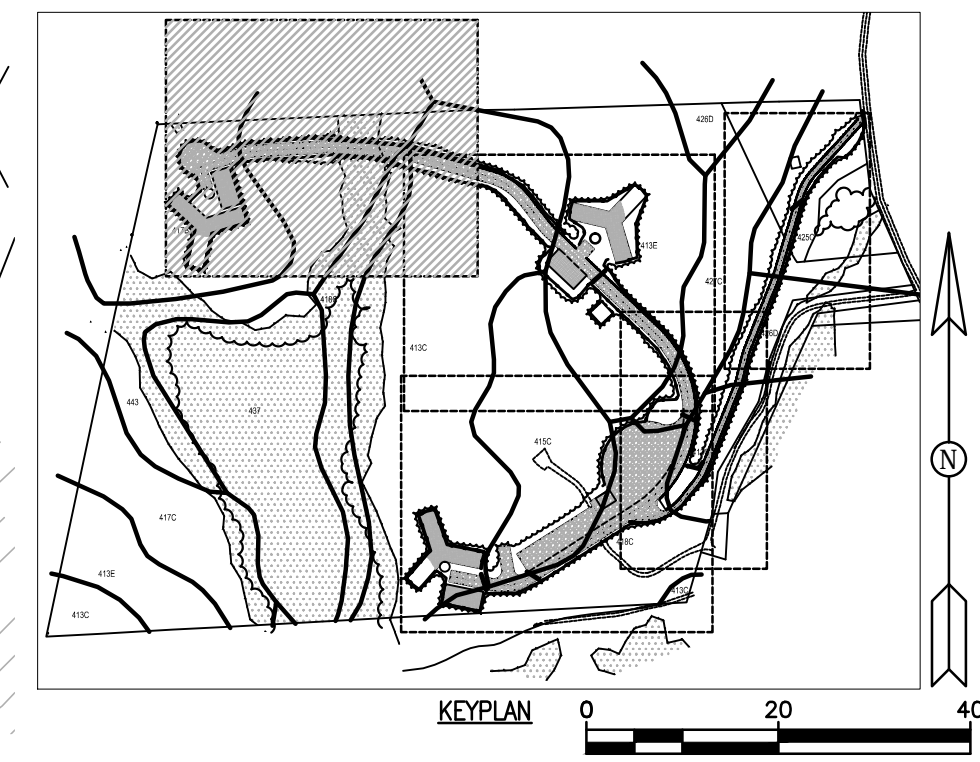
A



LEGEND

- 84C**
84B SOIL TYPE BOUNDARY
- TD TD TEMPORARY DIVERSION DITCH
- S F SILT FENCE
- TP TP TREE PROTECTION FENCE
- HB STRAW HAY BALES
- CULVERT PIPE/SLOPE DRAIN
- WETLAND LIMITS
- ROCK CHECK DAM
- FLOW FLOW ARROW
- TS TEMPORARY SEEDING
- COMPACTED EARTH
- GRAVEL
- RIPRAP

DIRECT WETLAND IMPACT NOT TO EXCEED 4915 SQ. FT.



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:	11-19-10
DRAWN BY:	CHECK BY:	TLK
RSW	TLK	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	FILE NUMBER:
AS SHOWN	11-19-10	1385
SIZE:	FILE NAME:	
ANSI D		

ZAPATA
 6502 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 860.336.8040
 FAX: 860.336.8041
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE
 EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
C-203



EROSION CONTROL NOTES:

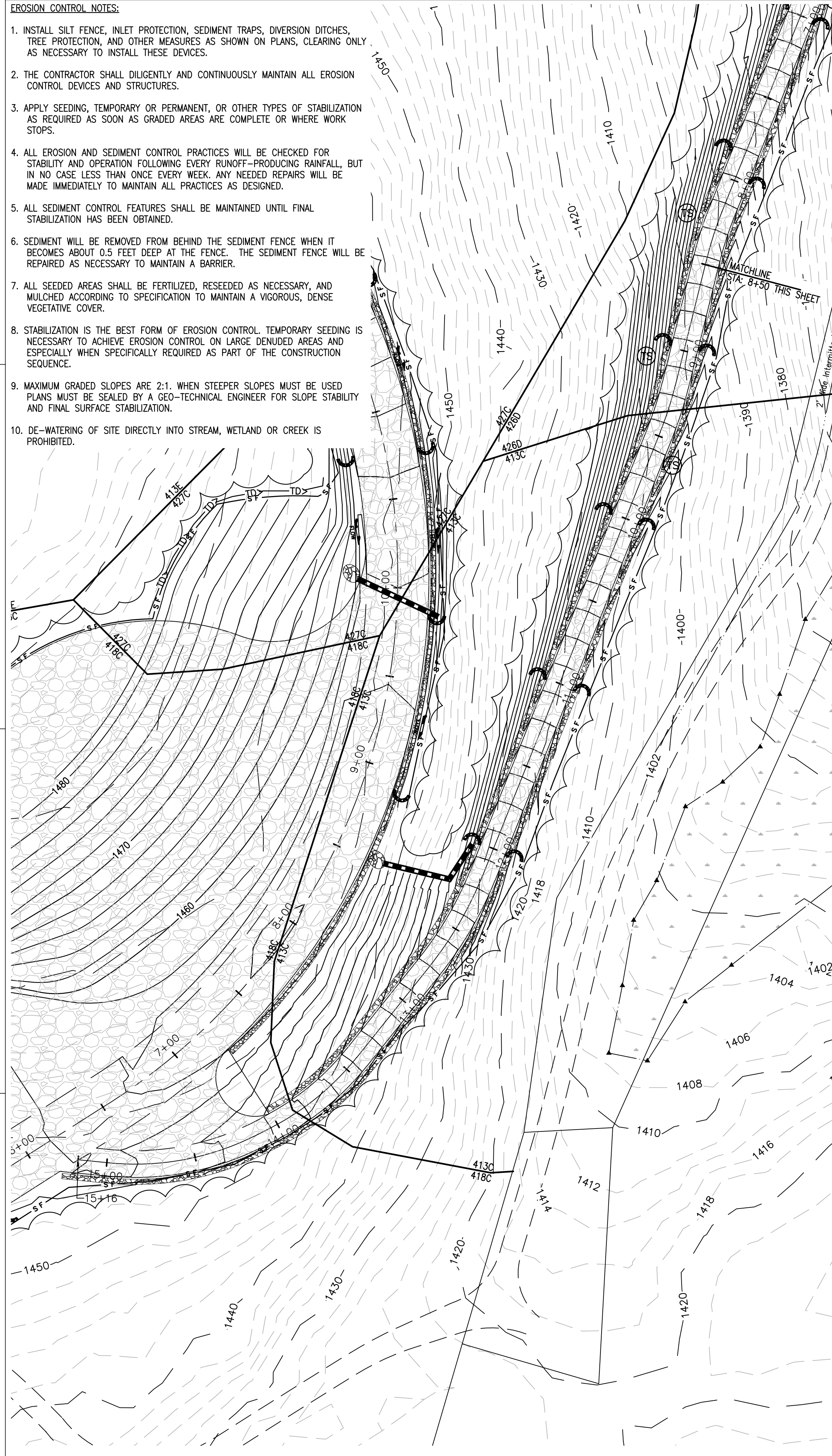
1. INSTALL SILT FENCE, INLET PROTECTION, SEDIMENT TRAPS, DIVERSION DITCHES, TREE PROTECTION, AND OTHER MEASURES AS SHOWN ON PLANS, CLEARING ONLY AS NECESSARY TO INSTALL THESE DEVICES.
2. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES.
3. APPLY SEEDING, TEMPORARY OR PERMANENT, OR OTHER TYPES OF STABILIZATION AS REQUIRED AS SOON AS GRADED AREAS ARE COMPLETE OR WHERE WORK STOPS.
4. ALL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
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10. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.

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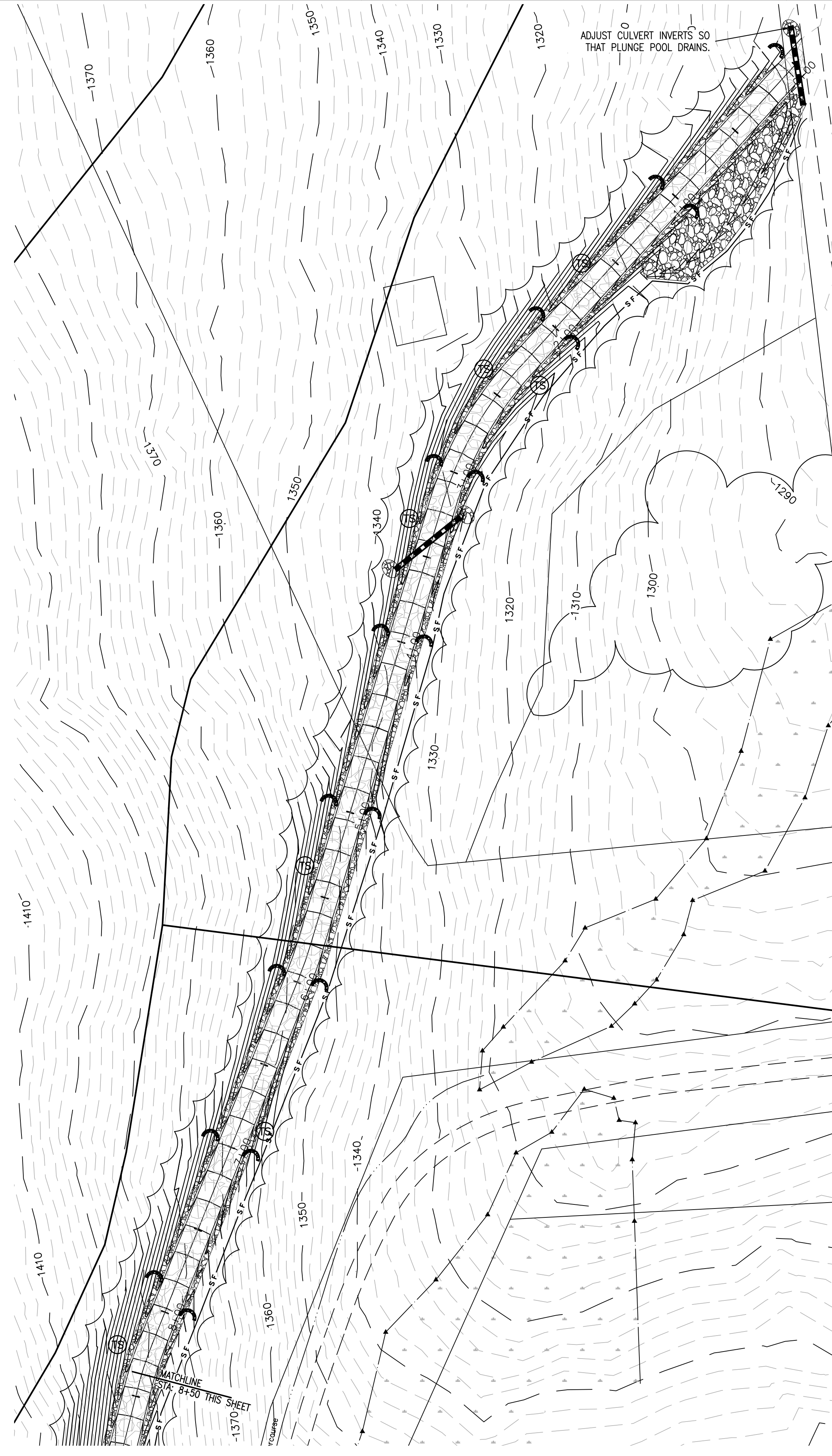
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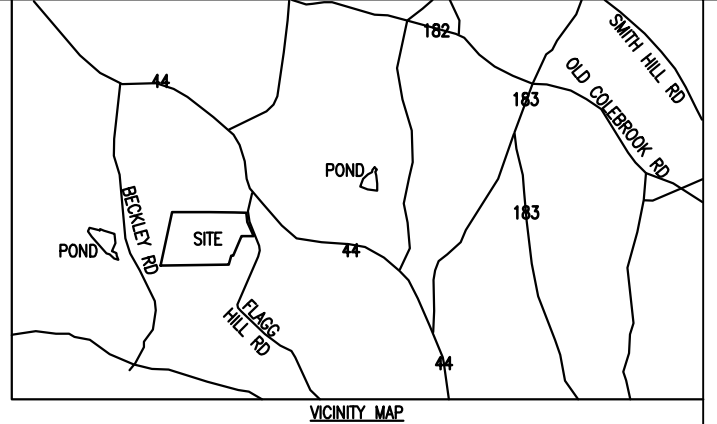
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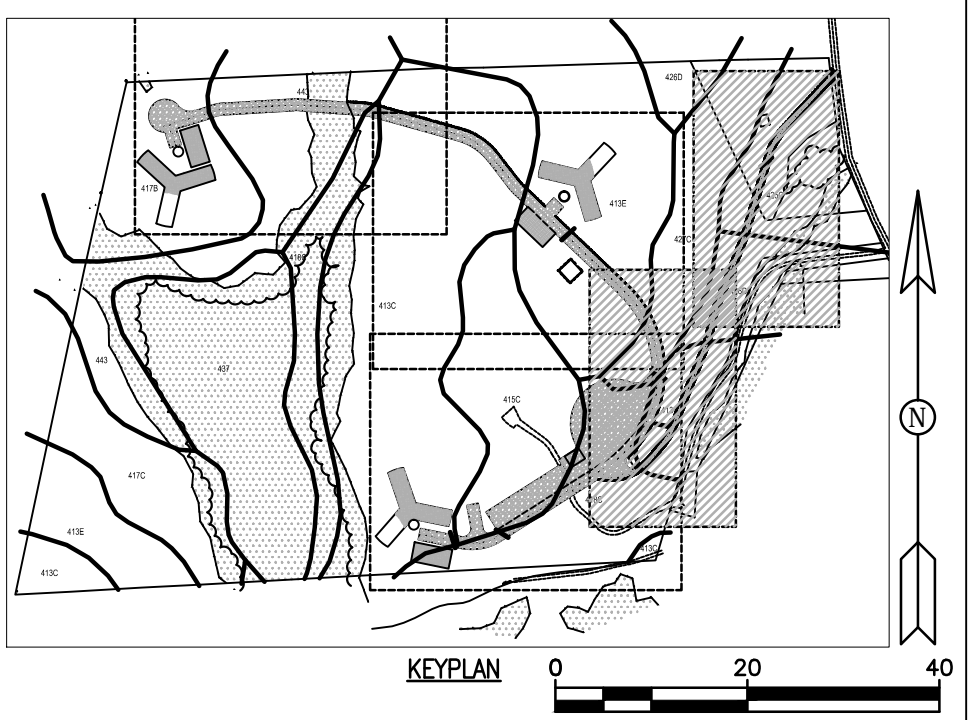


5



LEGEND

- SOIL TYPE BOUNDARY
- TEMPORARY DIVERSION DITCH
- SILT FENCE
- TREE PROTECTION FENCE
- STRAW HAY BALES
- CULVERT PIPE/SLOPE DRAIN
- WETLAND LIMITS
- ROCK CHECK DAM
- FLOW ARROW
- TEMPORARY SEEDING
- COMPACTED EARTH
- GRAVEL
- RIPRAP



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10	TLK

DESIGNED BY:	DATE:	11-18-10
DRAWN BY:	CHKD BY:	TLK
RSW	TLK	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	FILE NUMBER:
AS SHOWN	11-18-10	1385
SIZE:	FILE NAME:	
ANSI D		

ZAPATA
 6502 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
 TEL: 860.439.5940
 FAX: 860.439.5941
 WWW.ZAPATAINC.COM

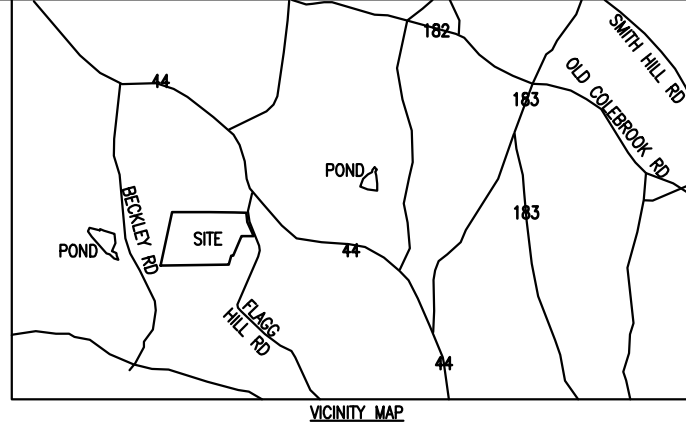


WIND COLEBROOK SOUTH
 CONNECTICUT
 ACCESS ROAD STA. 0+00 TO 15+16
 EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
C-204



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
	GRAVEL

- GRADING NOTES:**
- DISCREPANCIES SHOULD BE NOTED AND GUIDANCE OBTAINED FROM THE ENGINEER PRIOR TO CONTINUING WORK.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UNDERGROUND UTILITIES.
 - GENERAL CONTRACTOR TO MONITOR STORM WATER RUNOFF DURING AND AFTER CONSTRUCTION TO ENSURE PROPER DRAINAGE AWAY FROM PROPOSED BUILDING AND DRIVE.
 - ALL GRADES SHOWN ON PLANS TO BE FIELD-VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. SHOULD ANY DISCREPANCIES EXIST, NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION.
 - ALL HARD SURFACES SHALL HAVE A SLOPE AS INDICATED ON DRAWINGS.
 - GENERAL CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM TOWER PADS.
 - MASS GRADING WILL NOT BE CONDUCTED ON THIS SITE.
 - ALL EROSION CONTROL STRUCTURES TO BE INSTALLED PRIOR TO CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
 - ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
 - SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.
- DIRECT WETLAND IMPACT NOT TO EXCEED 4915 SQ. FT.

0 100' 200'

MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
RSW	11-19-10

CHKD BY:	FILE NUMBER:
TLK	1385

SUBMITTED BY:	FILE NAME:
BNE ENERGY	11-19-10

ZAPATA
 6502 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 860.339.8640
 FAX: 860.339.8641
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH CONNECTICUT
 OVERALL GRADING PLAN

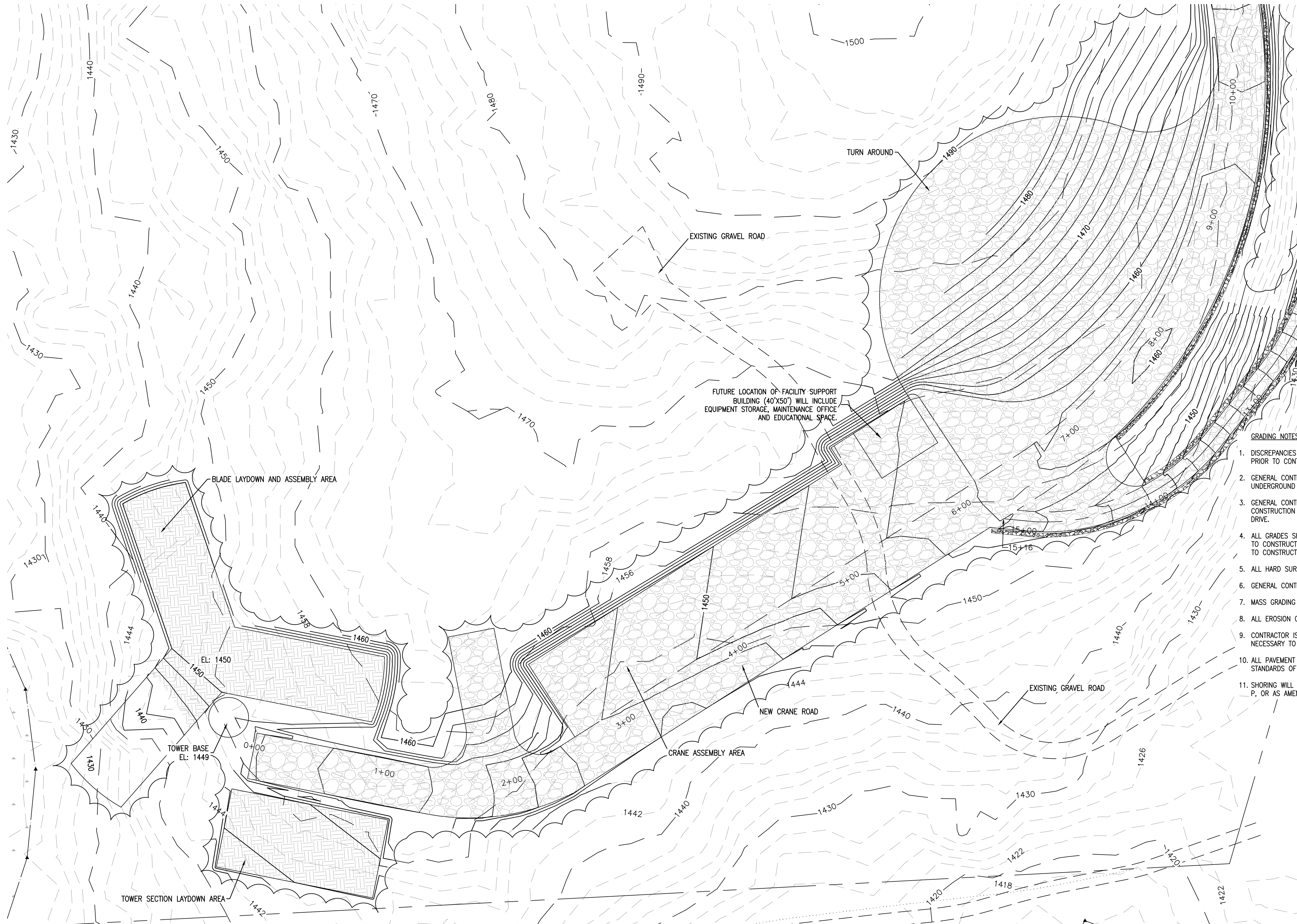
SHEET IDENTIFICATION
C-300

D

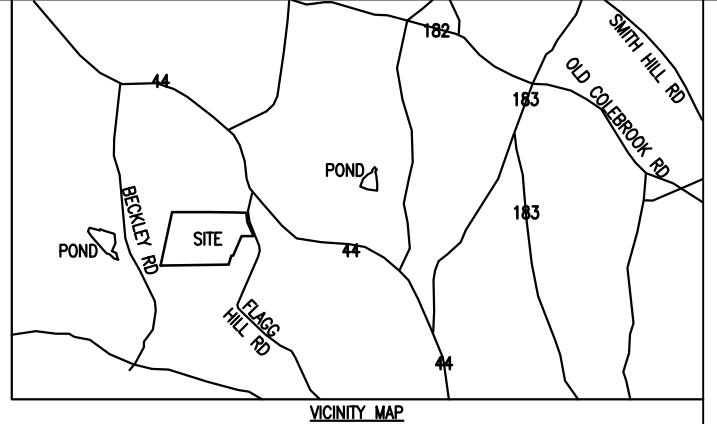
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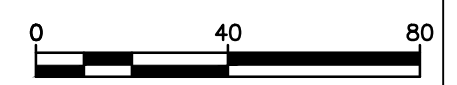
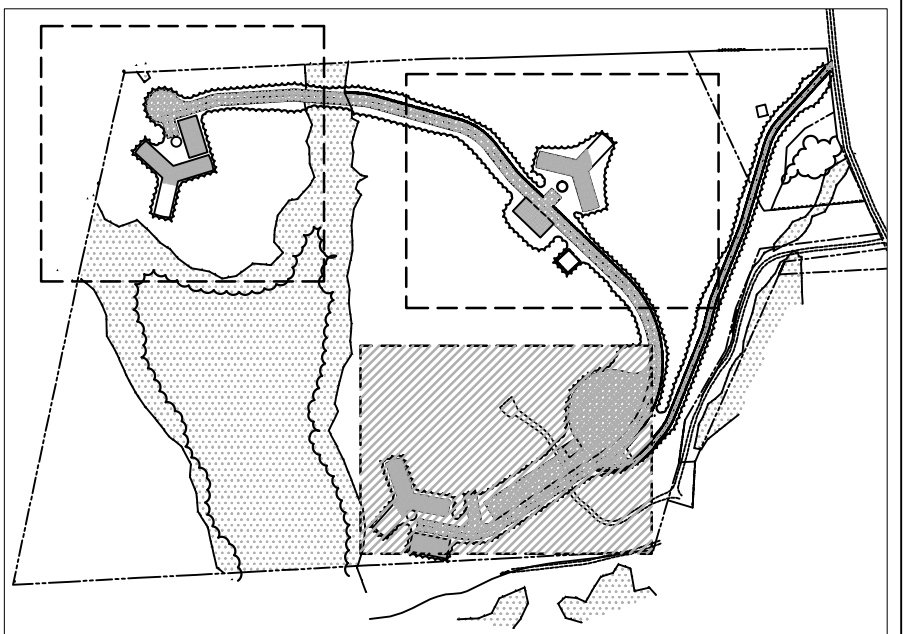


- GRADING NOTES:**
1. DISCREPANCIES SHOULD BE NOTED AND GUIDANCE OBTAINED FROM THE ENGINEER PRIOR TO CONTINUING WORK.
 2. GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UNDERGROUND UTILITIES.
 3. GENERAL CONTRACTOR TO MONITOR STORM WATER RUNOFF DURING AND AFTER CONSTRUCTION TO ENSURE PROPER DRAINAGE AWAY FROM PROPOSED BUILDING AND DRIVE.
 4. ALL GRADES SHOWN ON PLANS TO BE FIELD-VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. SHOULD ANY DISCREPANCIES EXIST, NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION.
 5. ALL HARD SURFACES SHALL HAVE A SLOPE AS INDICATED ON DRAWINGS.
 6. GENERAL CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM TOWER PADS.
 7. MASS GRADING WILL NOT BE CONDUCTED ON THIS SITE.
 8. ALL EROSION CONTROL STRUCTURES TO BE INSTALLED PRIOR TO CONSTRUCTION.
 9. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
 10. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
 11. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.



LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
	GRAVEL



MARK	DESCRIPTION	DATE	TLK	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

DESIGNED BY:	DATE:	11-19-10
DRAWN BY:	CHKD BY:	
RSW	TLK	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	FILE NUMBER:
AS SHOWN	11-19-10	1385
SIZE:	FILE NAME:	
ANSI D		

ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 356-8940
 FAX: (203) 356-8941
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH CONNECTICUT
 TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA GRADING PLAN

SHEET IDENTIFICATION
C-301



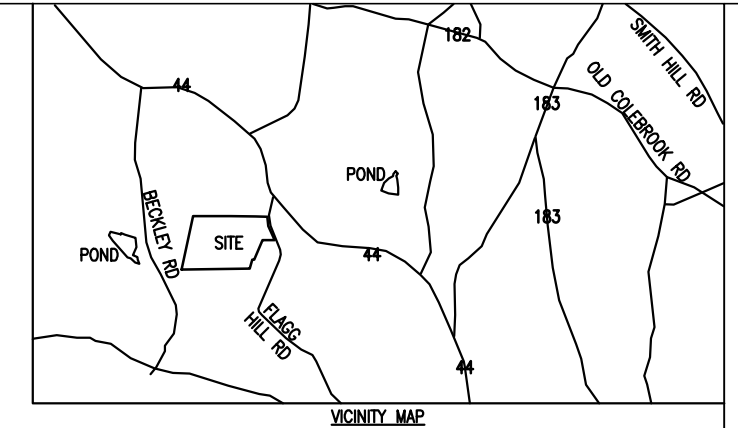
NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

D

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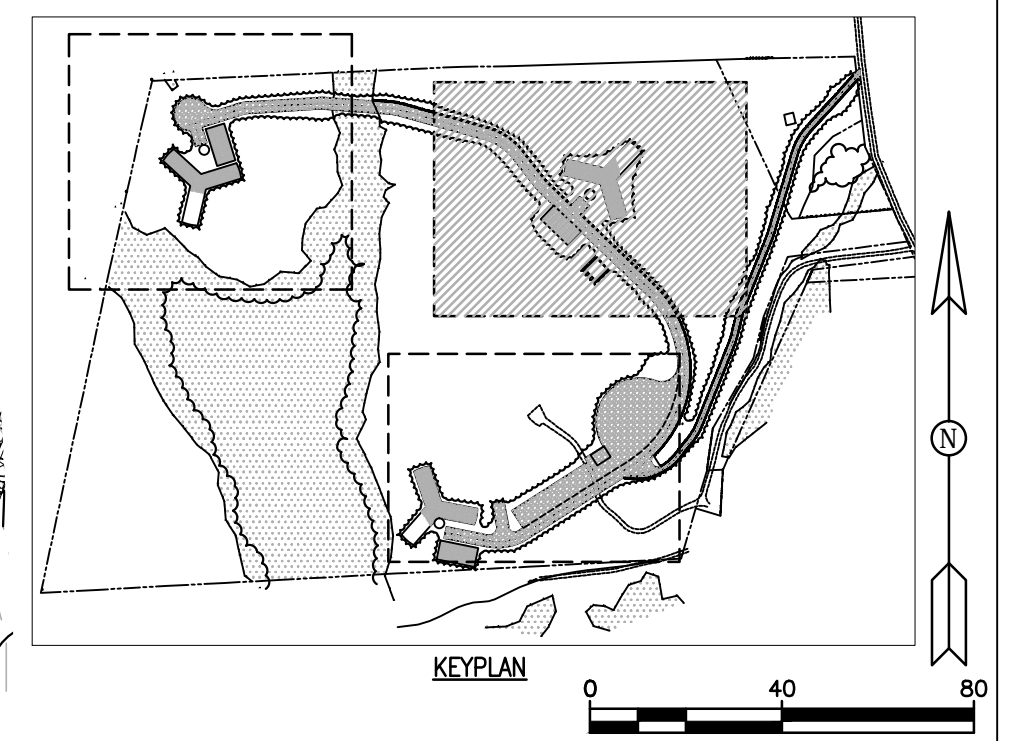


LEGEND

- CULVERT PIPE
- DITCH LINE
- EXISTING TOPO
- NEW TOPO
- WETLAND LIMITS
- VEGETATION
- COMPACTED EARTH
- WETLAND
- GRAVEL

GRADING NOTES:

1. DISCREPANCIES SHOULD BE NOTED AND GUIDANCE OBTAINED FROM THE ENGINEER PRIOR TO CONTINUING WORK.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UNDERGROUND UTILITIES.
3. GENERAL CONTRACTOR TO MONITOR STORM WATER RUNOFF DURING AND AFTER CONSTRUCTION TO ENSURE PROPER DRAINAGE AWAY FROM PROPOSED BUILDING AND DRIVE.
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5. ALL HARD SURFACES SHALL HAVE A SLOPE AS INDICATED ON DRAWINGS.
6. GENERAL CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM TOWER PADS.
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8. ALL EROSION CONTROL STRUCTURES TO BE INSTALLED PRIOR TO CONSTRUCTION.
9. CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
10. ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
11. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.



MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

DESIGNED BY:	DATE:	11-19-10
DRAWN BY:	CHKD BY:	TLC
RSW	TLC	
SUBMITTED BY:	FILE NUMBER:	1385
BNE ENERGY	AS SHOWN	11-19-10
FILE NAME:	ANSI D	

ZAPATA
 6502 LAWREN ROAD, 4500 PHONE (704) 356-8540
 ZAPATAZAPATA.COM WWW.ZAPATAZAPATA.COM

WINDY HILL SOUTH CONNECTICUT
 TURBINE LOCATION TWO GRADING PLAN

SHEET IDENTIFICATION
C-302



D
C
B
A

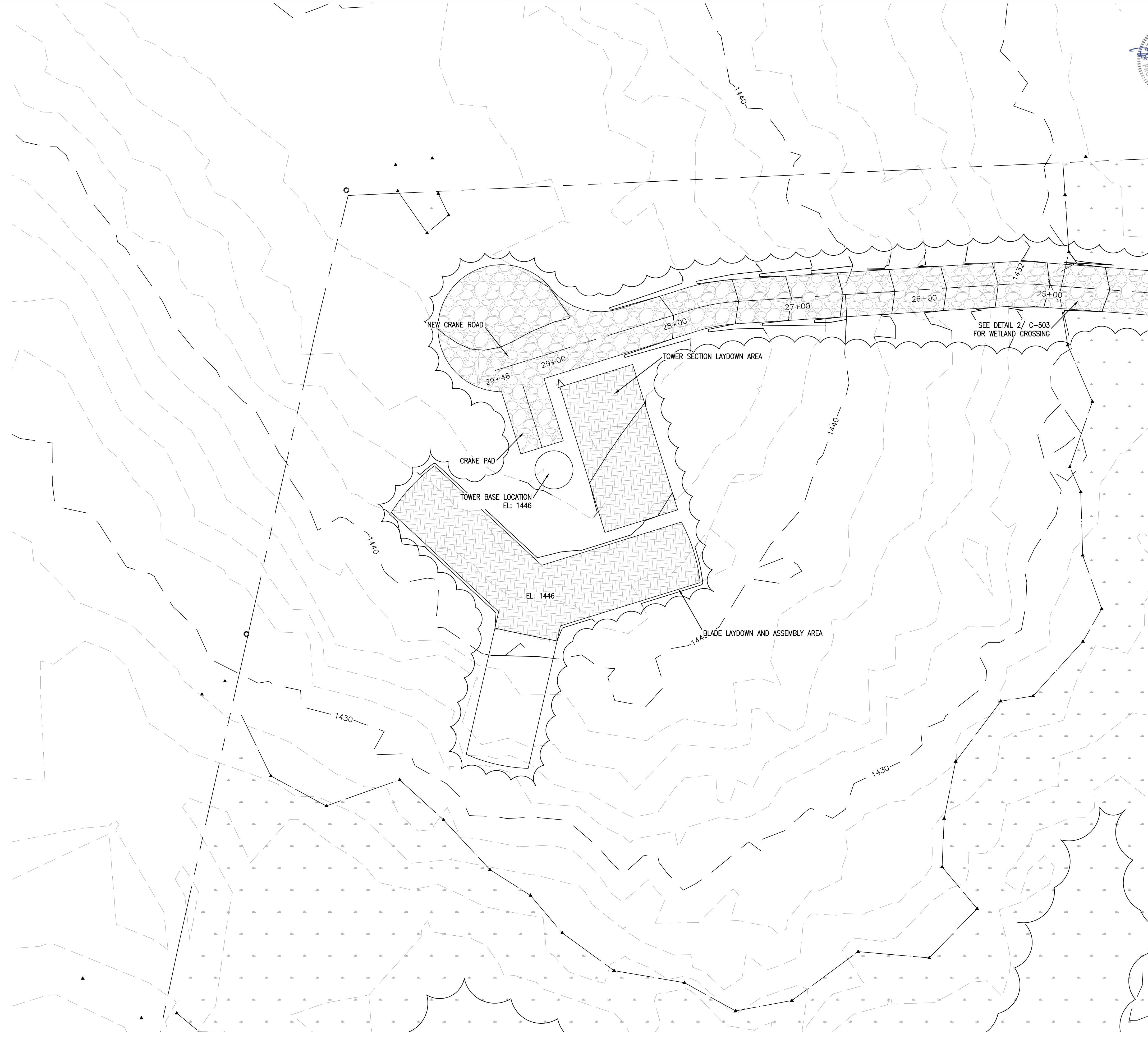
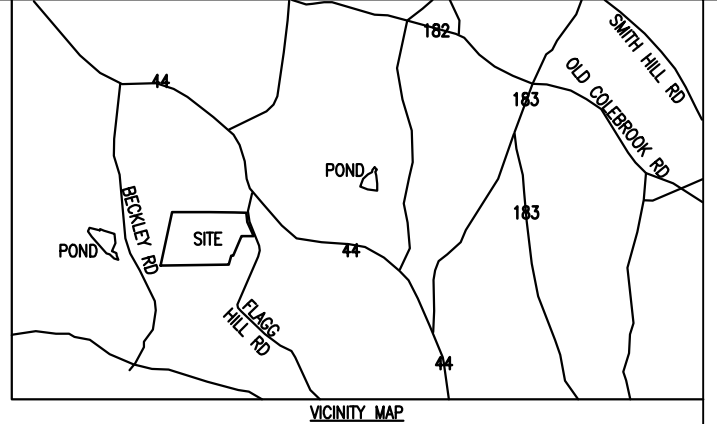
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2

3

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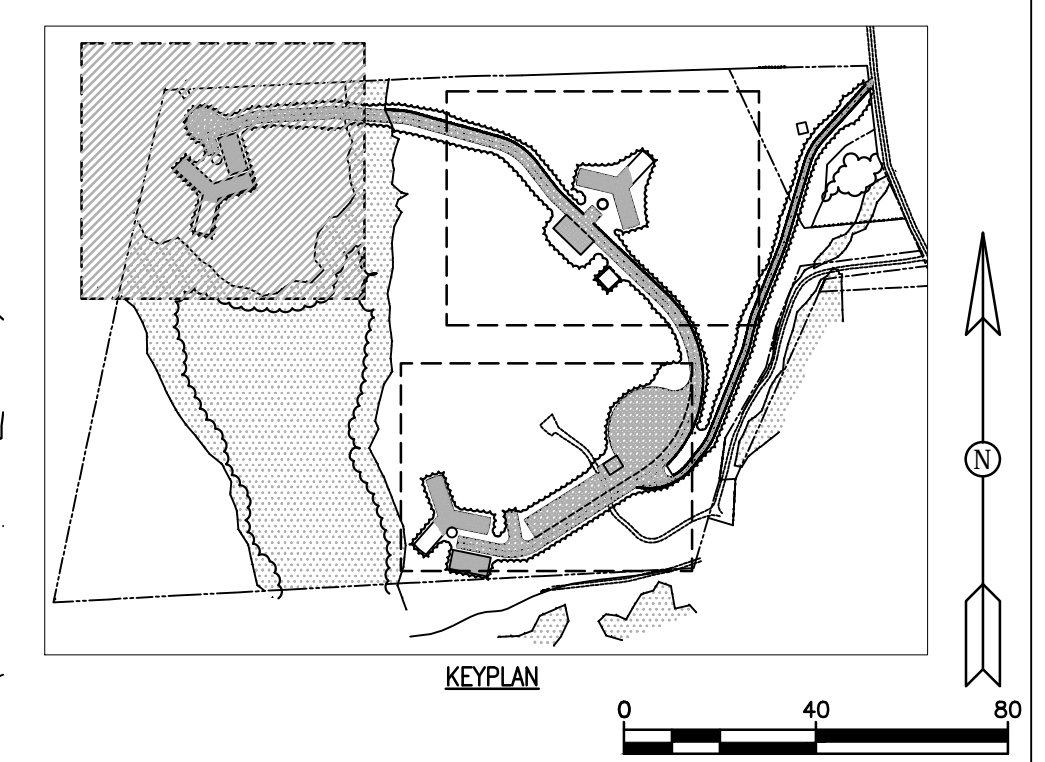
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LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
	GRAVEL

- GRADING NOTES:**
- DISCREPANCIES SHOULD BE NOTED AND GUIDANCE OBTAINED FROM THE ENGINEER PRIOR TO CONTINUING WORK.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UNDERGROUND UTILITIES.
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MARK	DESCRIPTION	DATE	TLK	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10		

DESIGNED BY:	CHKD BY:	DATE:
RSW	TLK	11-18-10

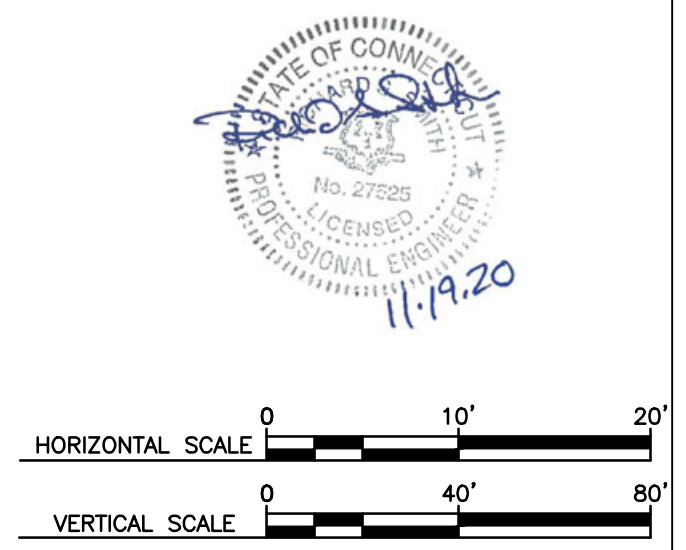
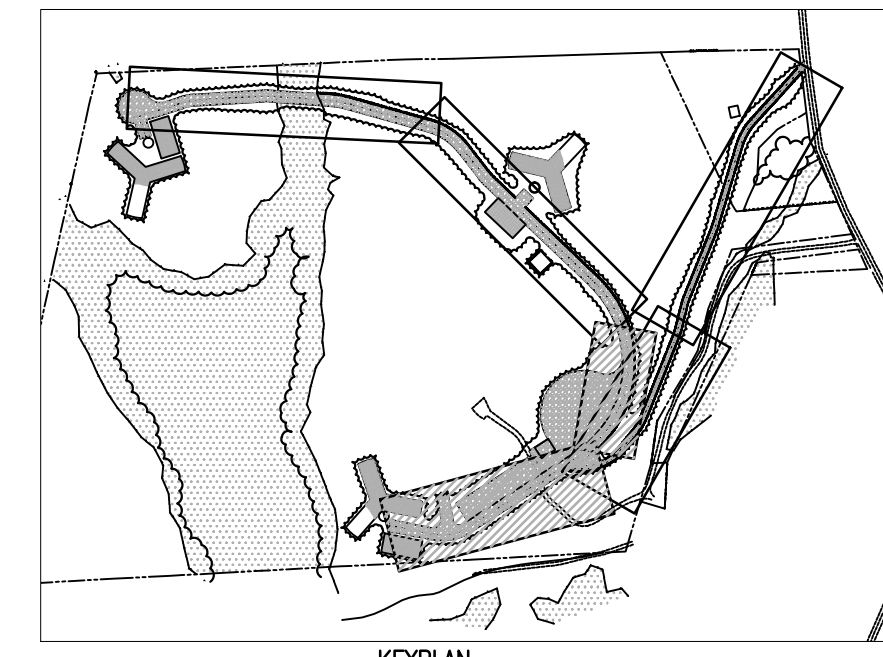
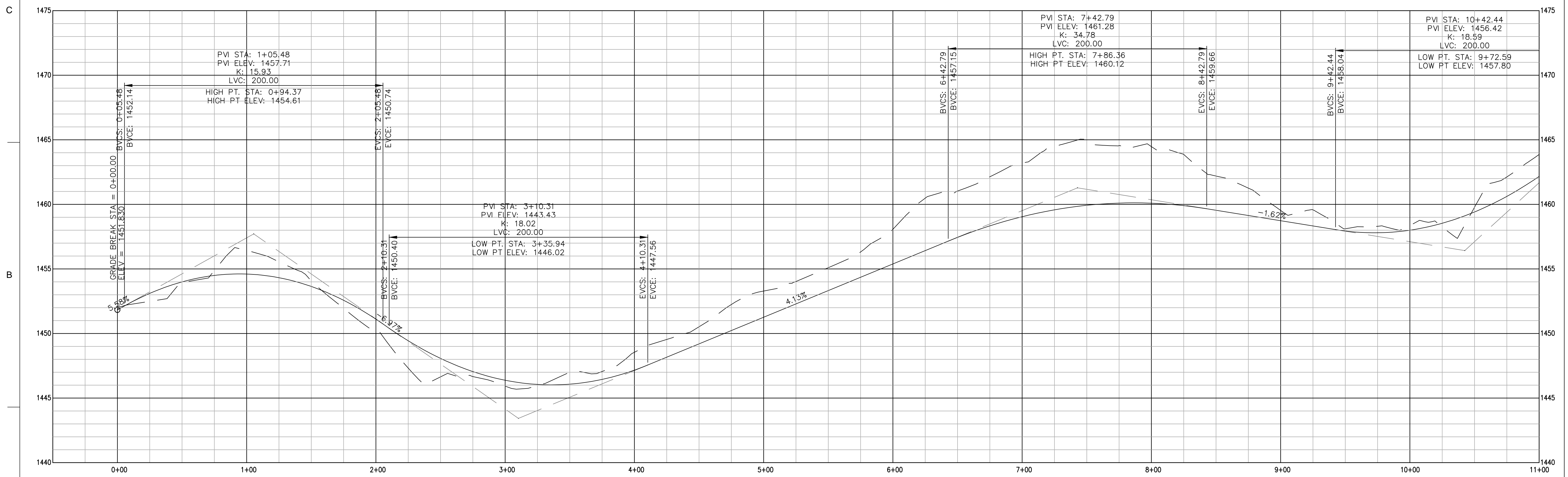
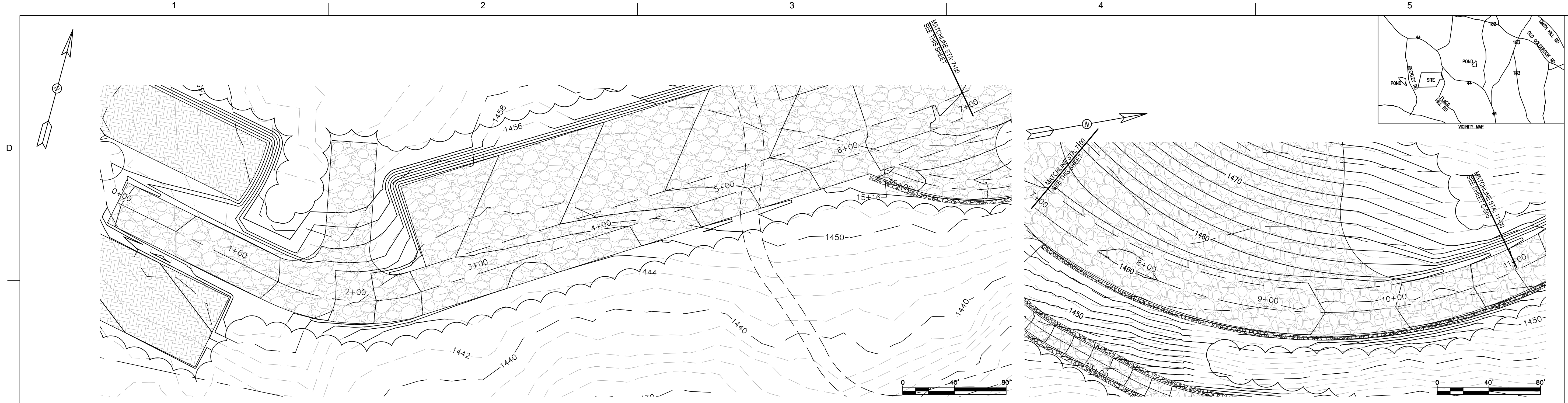
SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385

ZAPATA
 6502 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 860.339.8440
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE GRADING PLAN

SHEET IDENTIFICATION
C-303





MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
REVISED BY:	
TLK	
DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
REVISED BY:	
TLK	
DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
REVISED BY:	
TLK	
DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
REVISED BY:	
TLK	

ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 NEW CRANE ROAD PLAN AND PROFILE
 STA. 0+00 TO 11+00

SHEET IDENTIFICATION
C-304

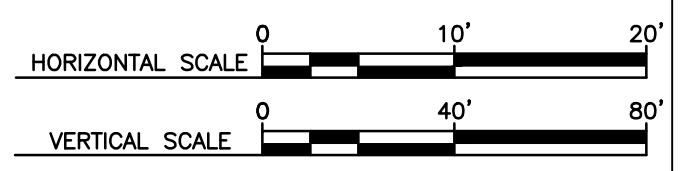
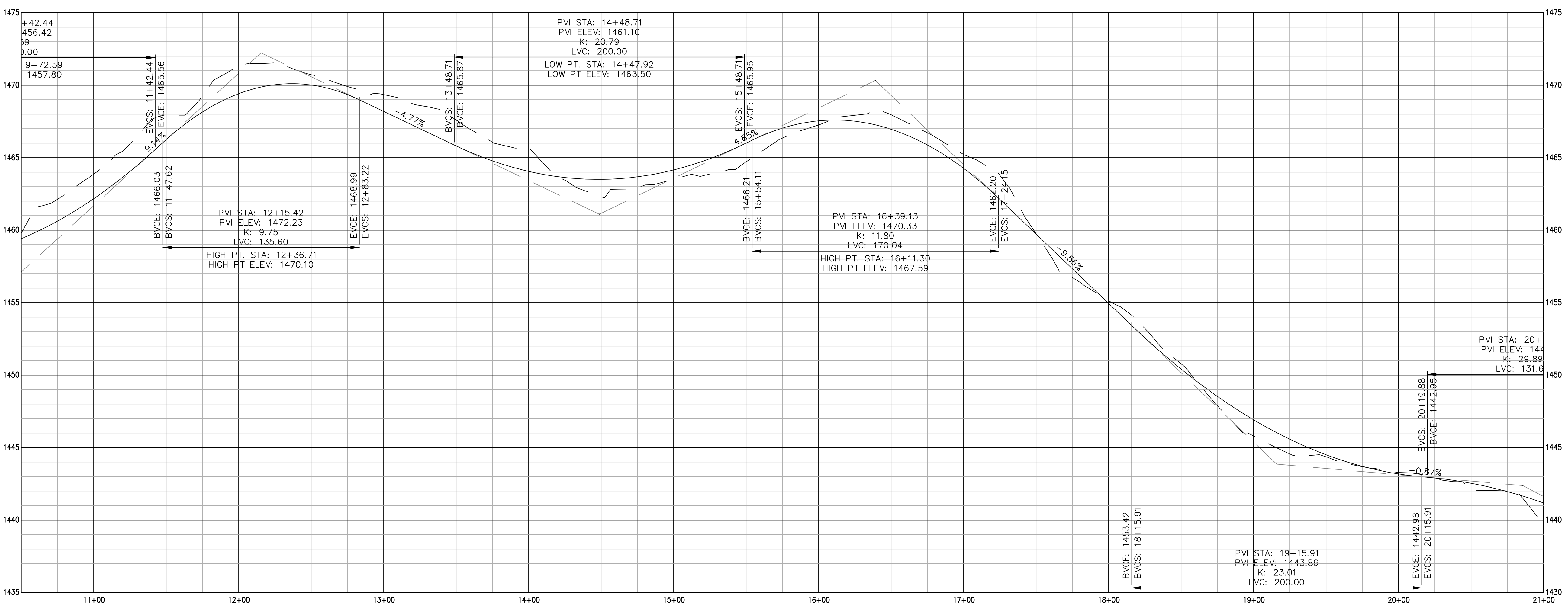
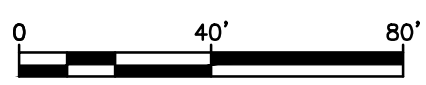
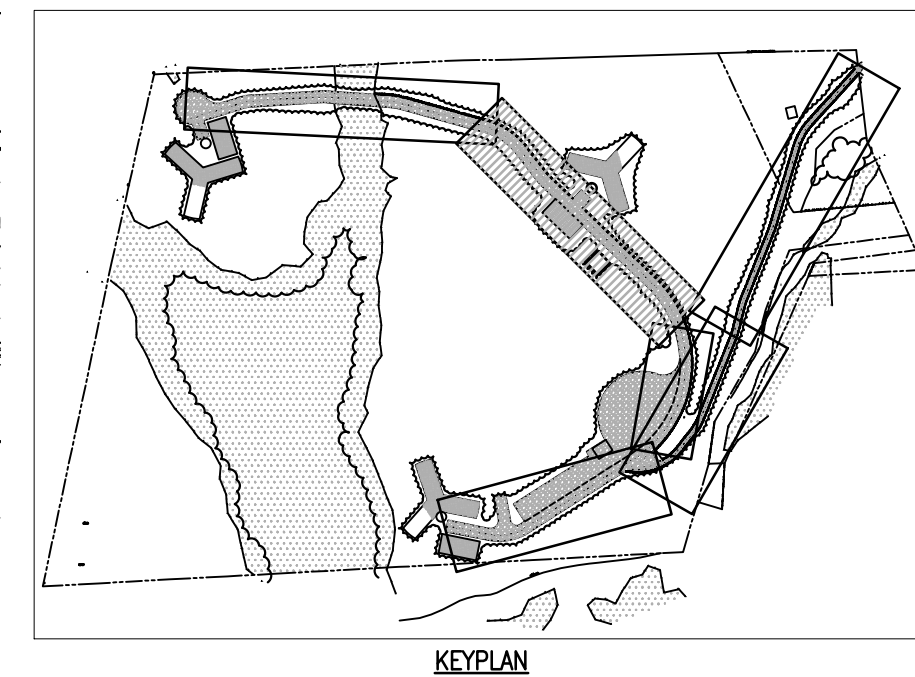
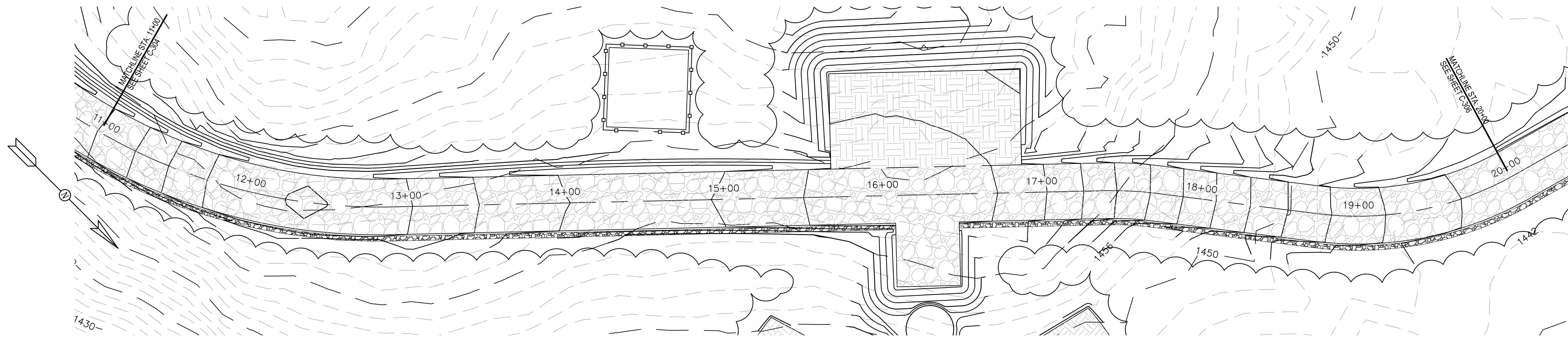
BNE Energy Inc.
 Producer of green clean energy

D

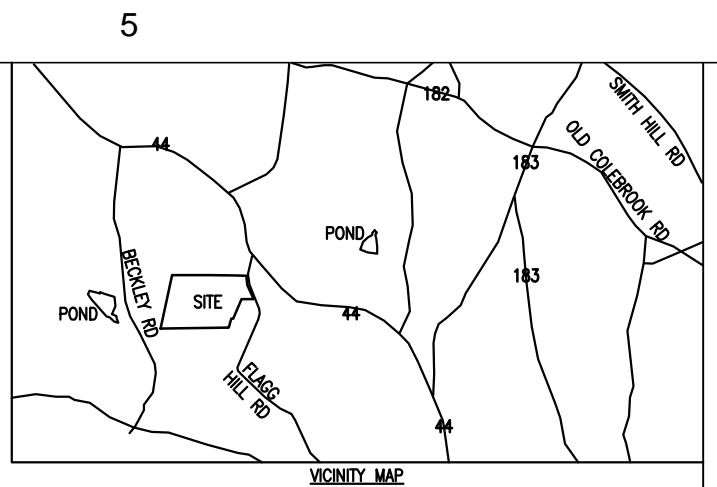
C

B

A



Professional Engineer Seal
 State of Connecticut
 No. 27228
 Licensed Professional Engineer
 11.9.20



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	11-18-10
RSW	
TLK	
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BNE ENERGY	
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AS SHOWN	11-18-10
1385	
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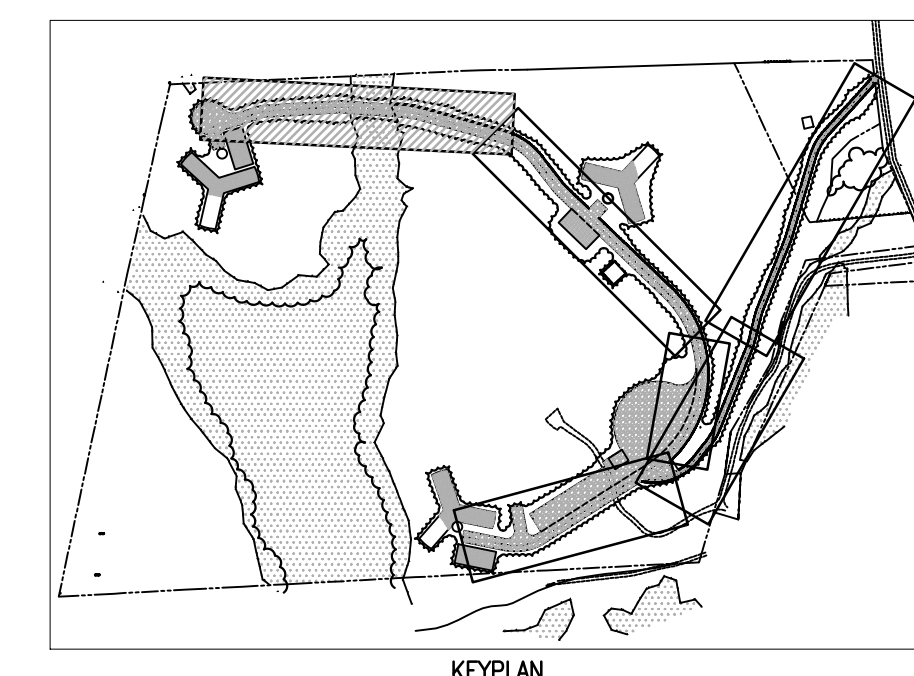
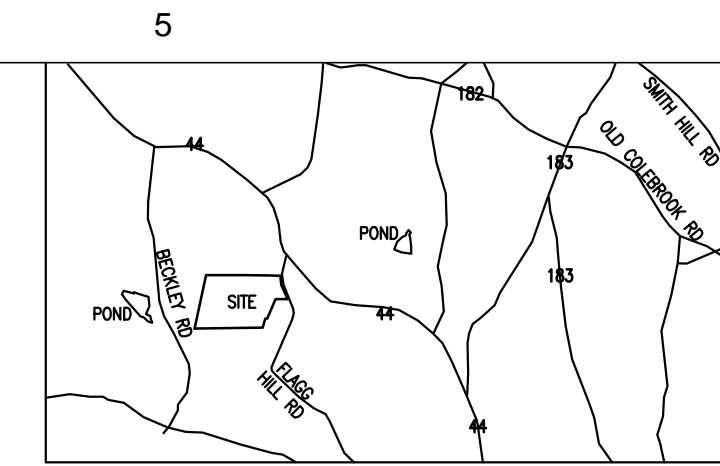
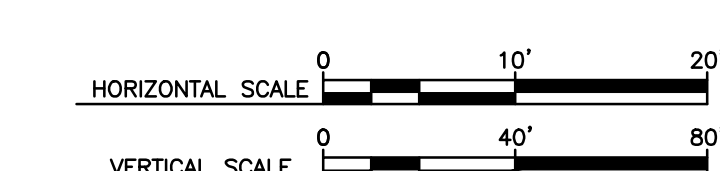
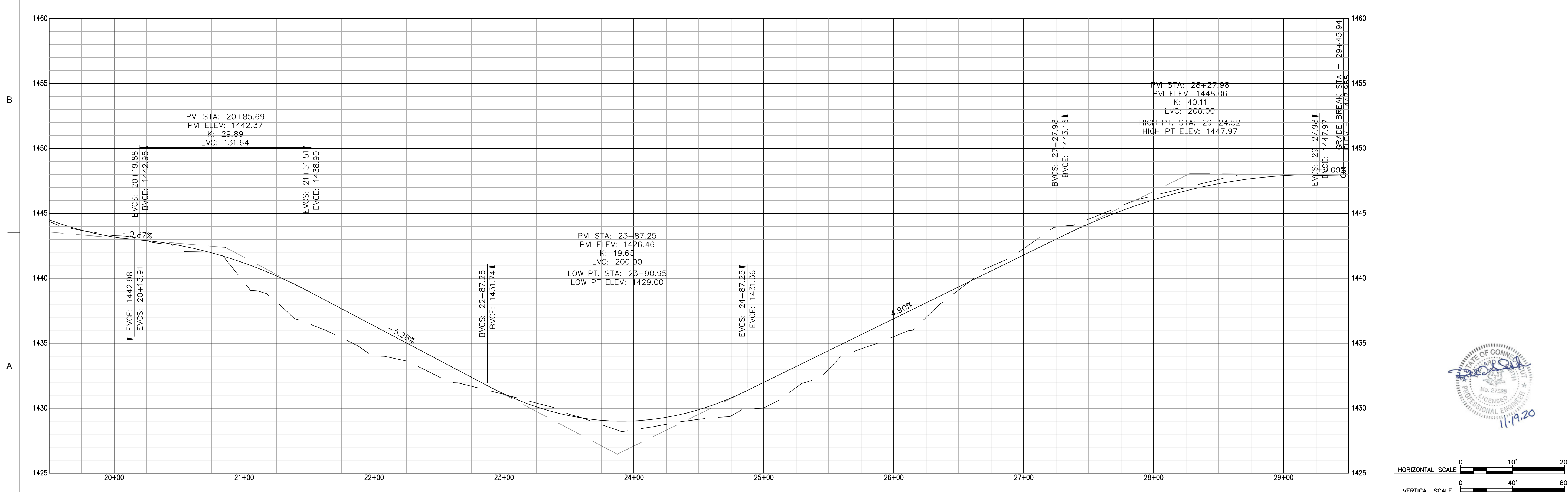
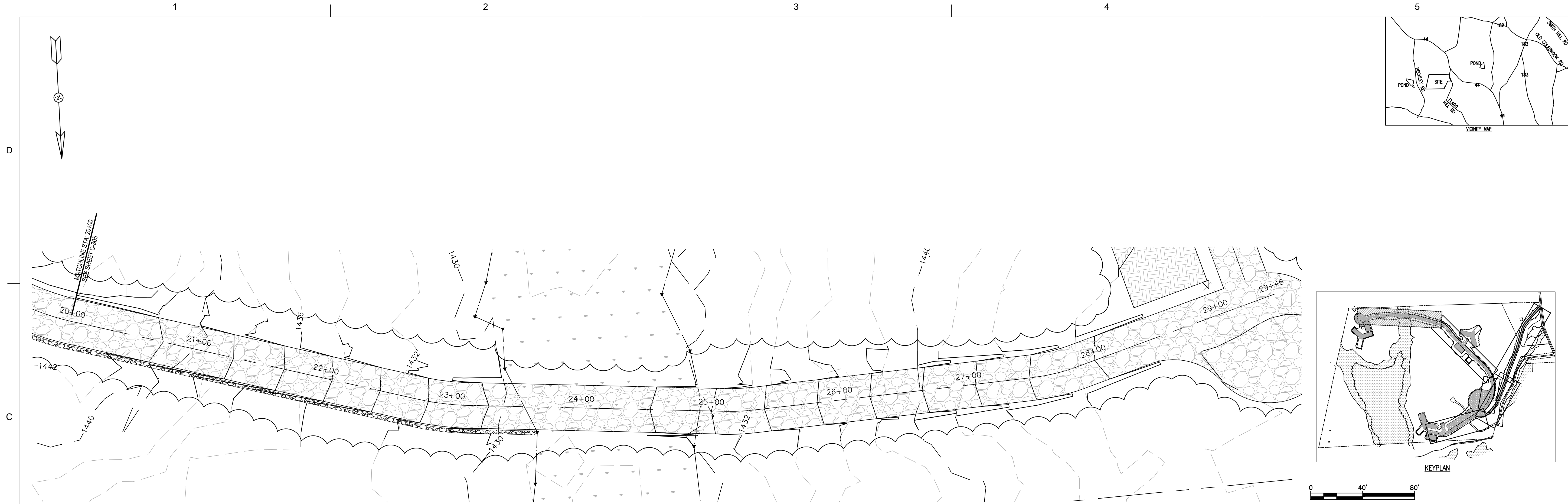
ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 860.339.8440 FAX: 860.339.8442
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 NEW CRANE ROAD PLAN AND PROFILE
 STA: 11+00 TO 20+00

SHEET IDENTIFICATION
C-305




NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

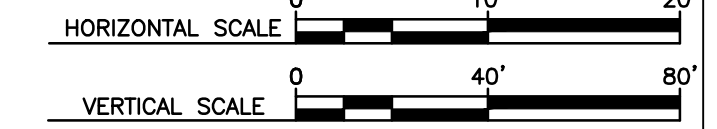
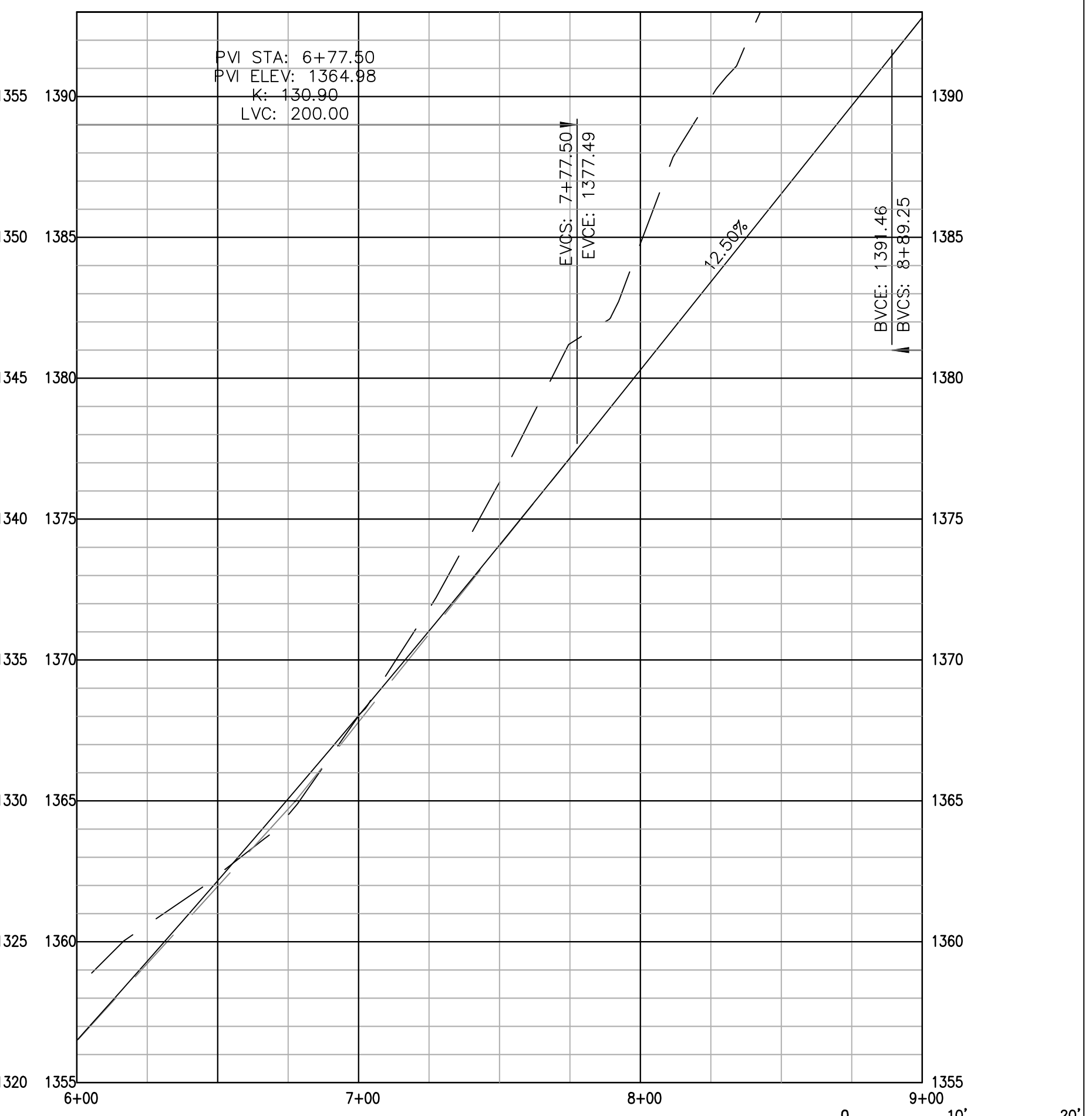
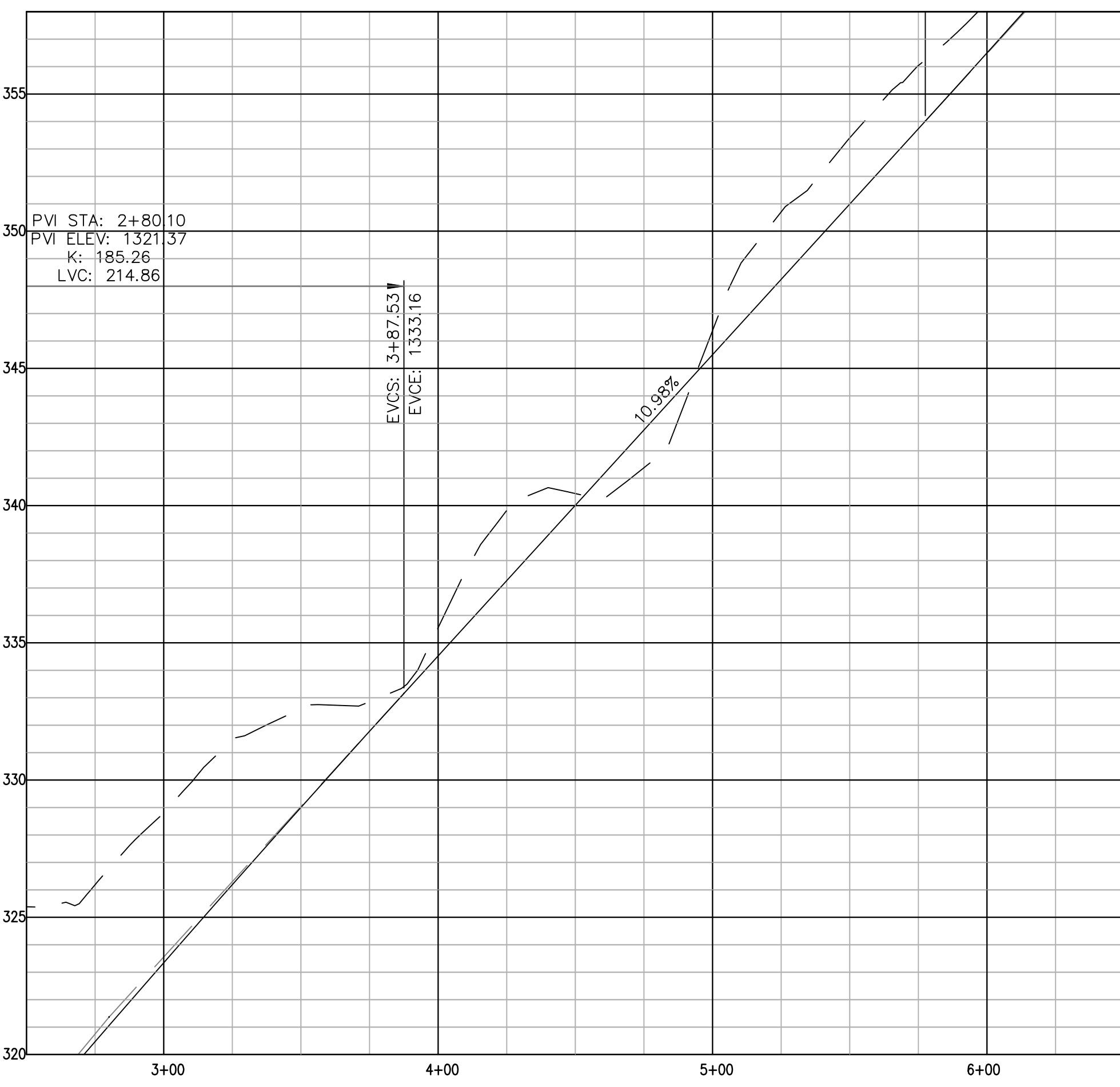
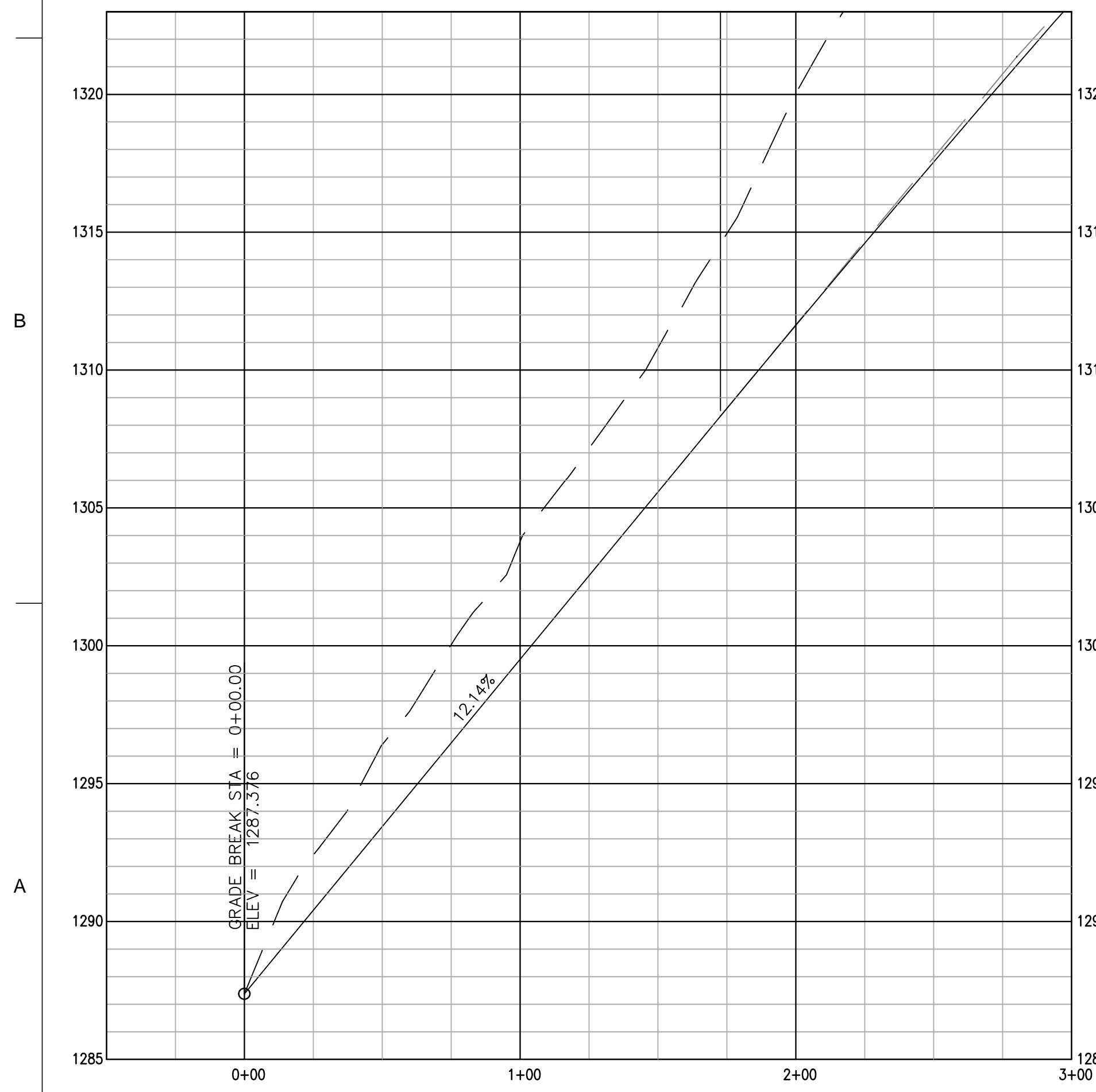
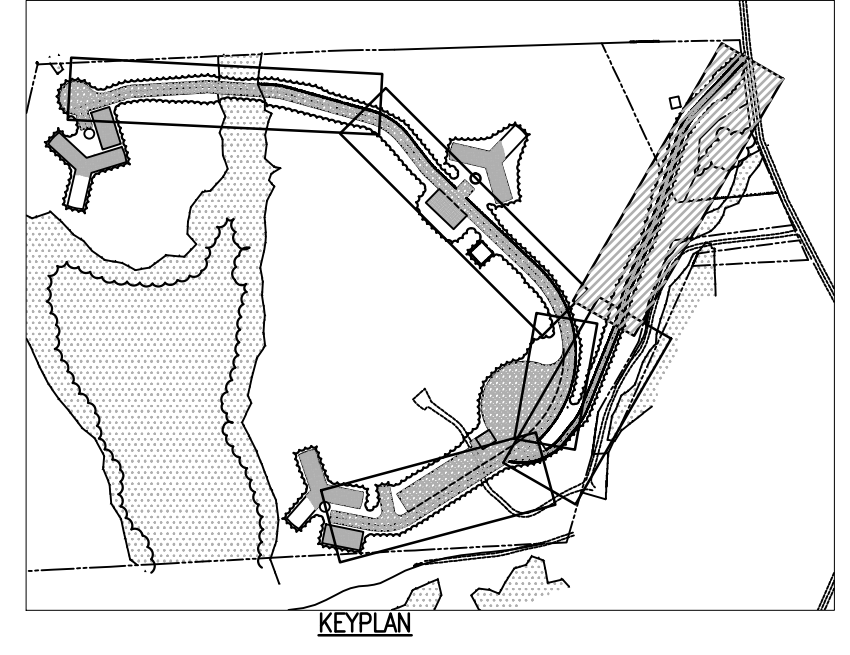
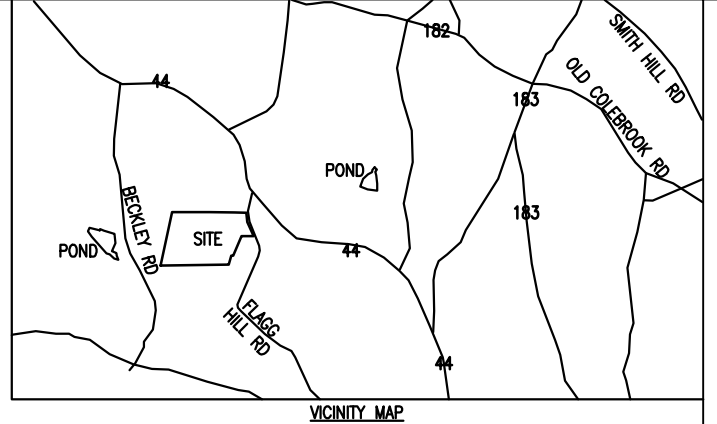
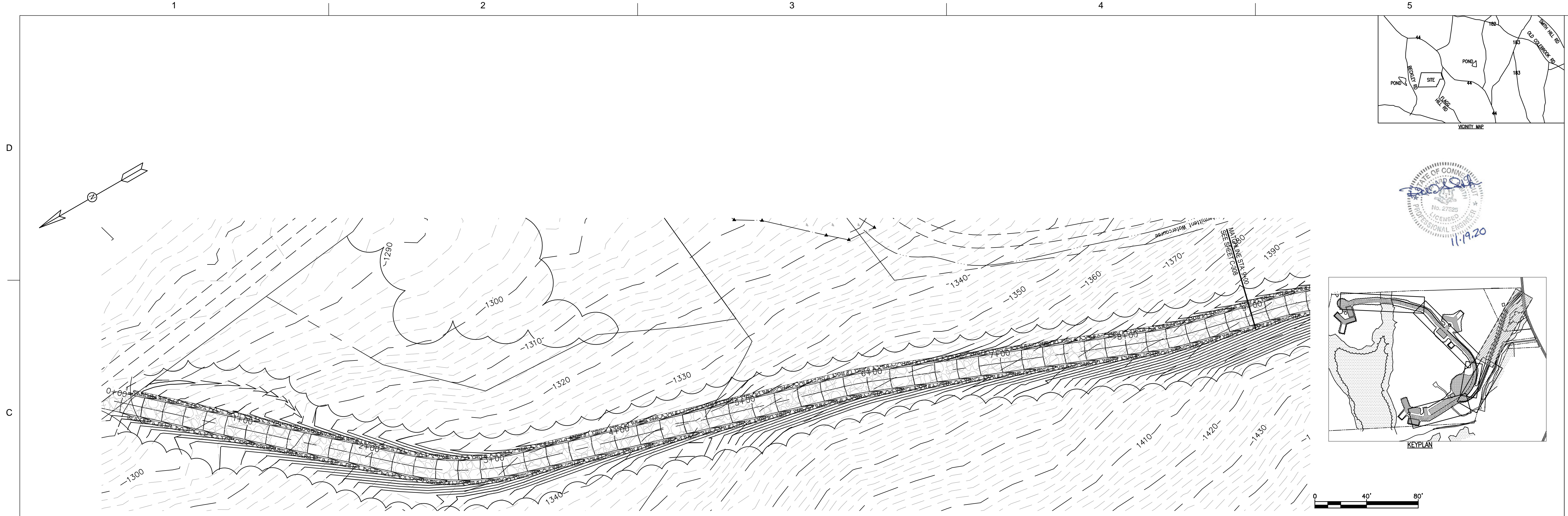


MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	11-18-10
RSW	
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FILE NUMBER:	
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FILE NAME:	
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 6302 LAWRENCE ROAD, SUITE 300, 840
 ZAPATAZAPATA.COM WWW.ZAPATA.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 NEW CRANE ROAD PLAN AND PROFILE
 STA: 20+00 TO 29+13
 SHEET IDENTIFICATION
C-306



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

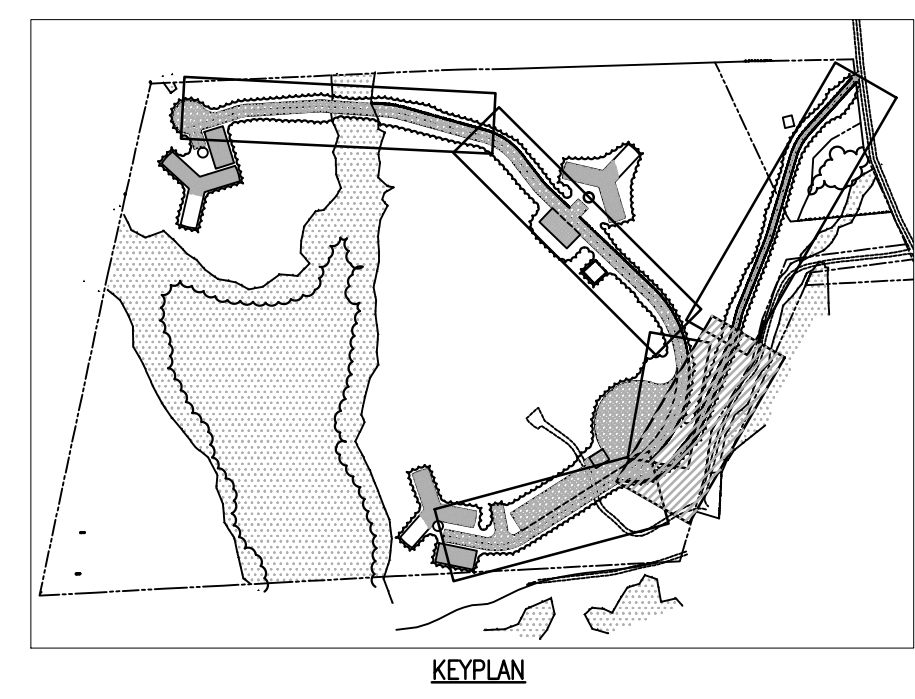
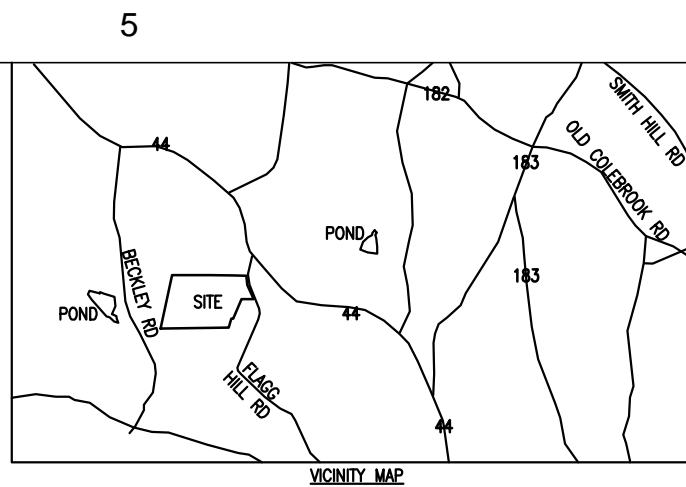
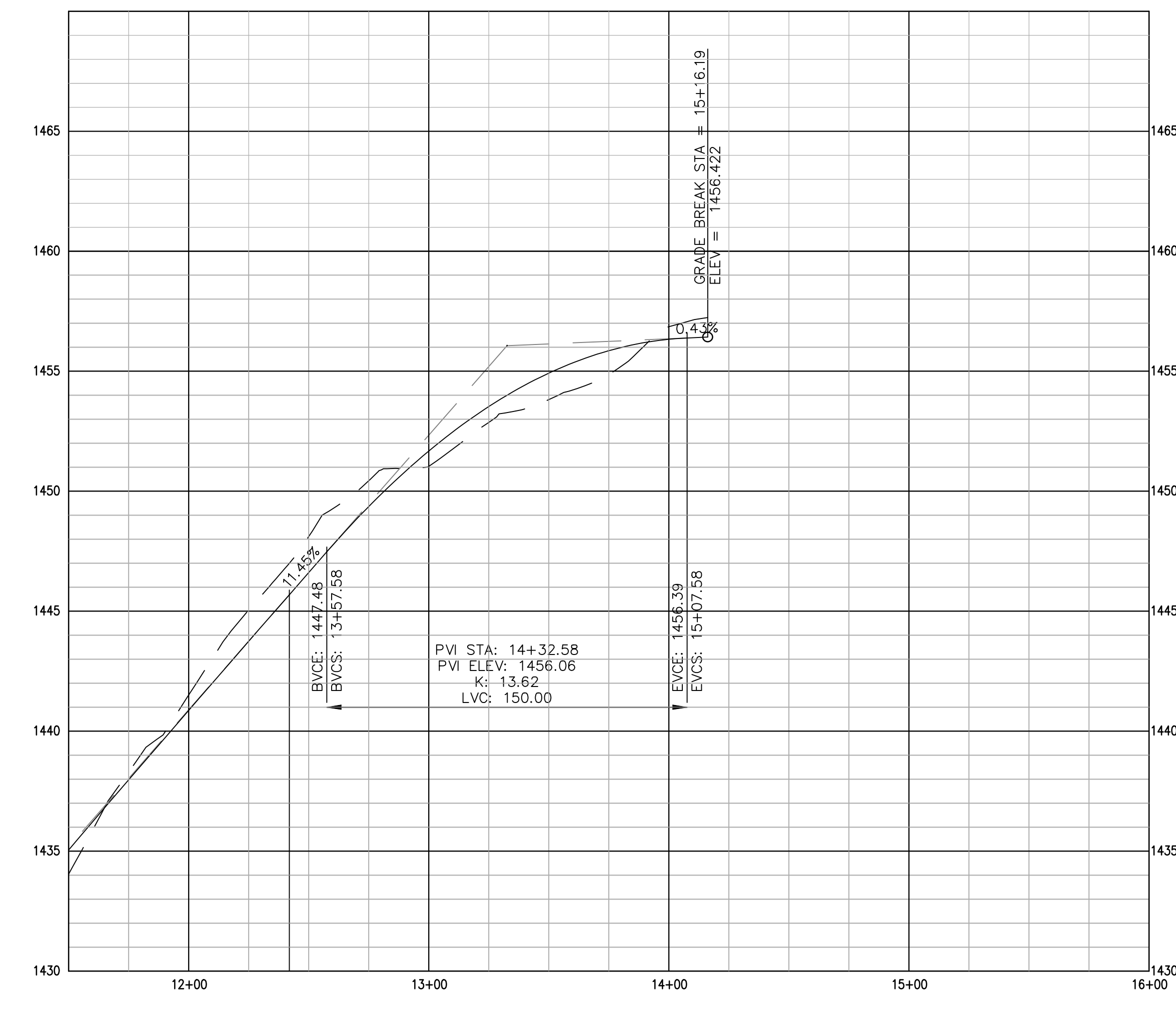
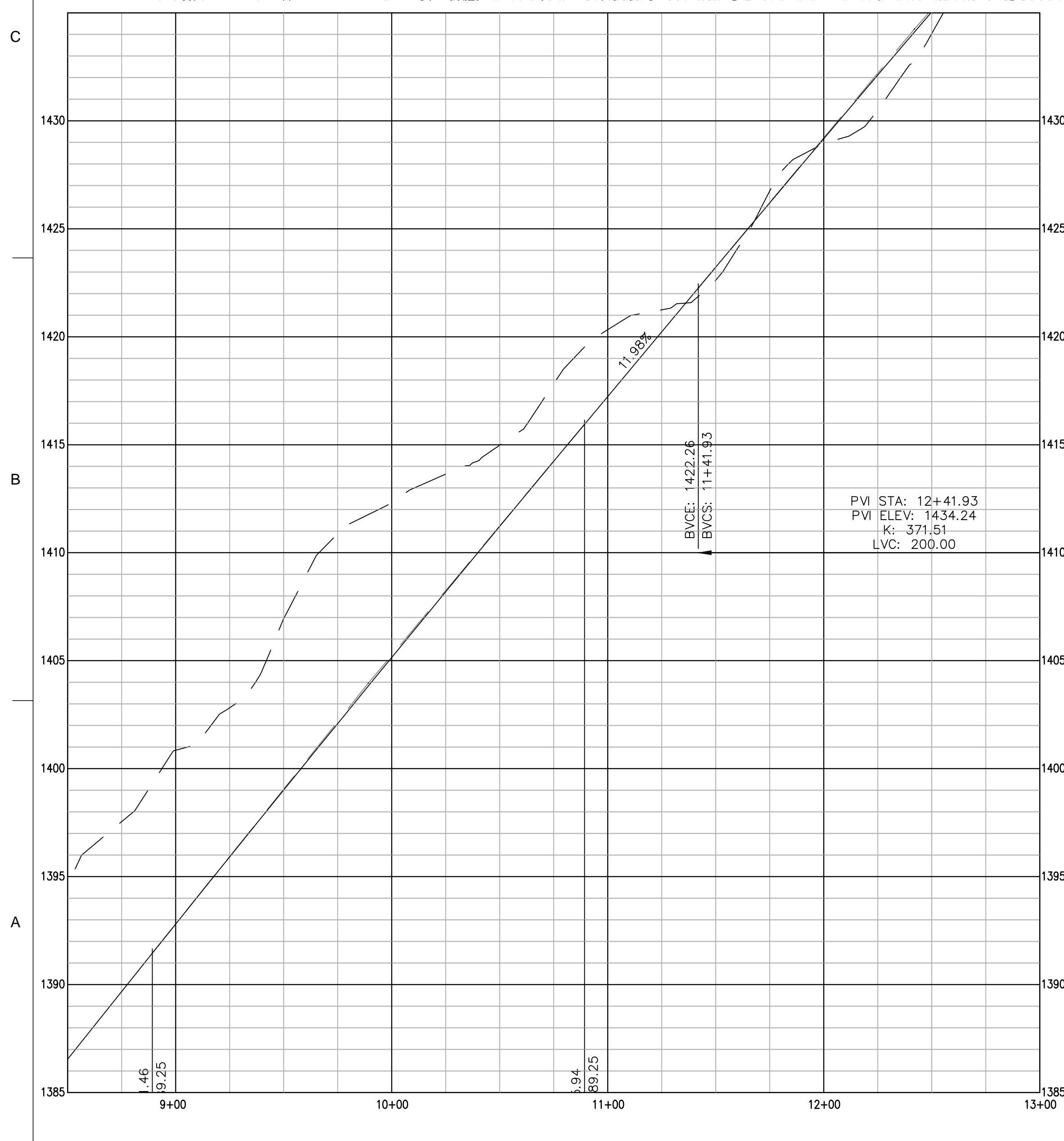
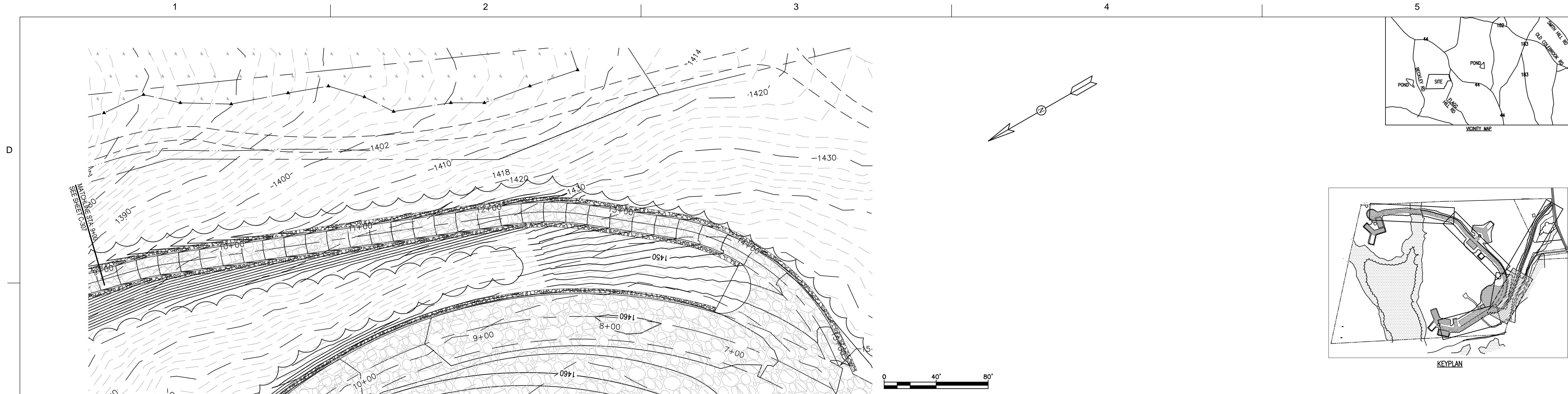
DESIGNED BY:	DATE:
TLK	11-19-10

ZAPATA
 6002 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
 TEL: 203-261-1111 FAX: 203-261-1112
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 NEW ACCESS ROAD PLAN AND PROFILE
 STA: 0+00 TO 9+00

SHEET
 IDENTIFICATION
C-307



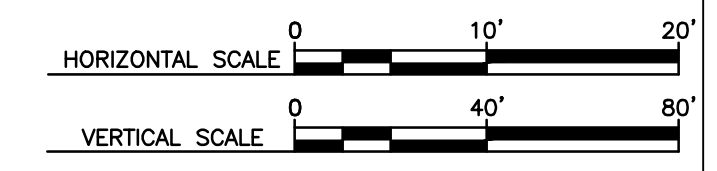


MARK	DESCRIPTION	DATE	APPR.
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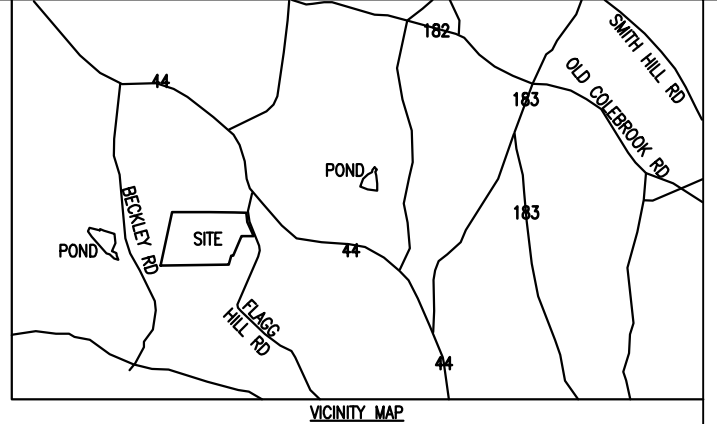
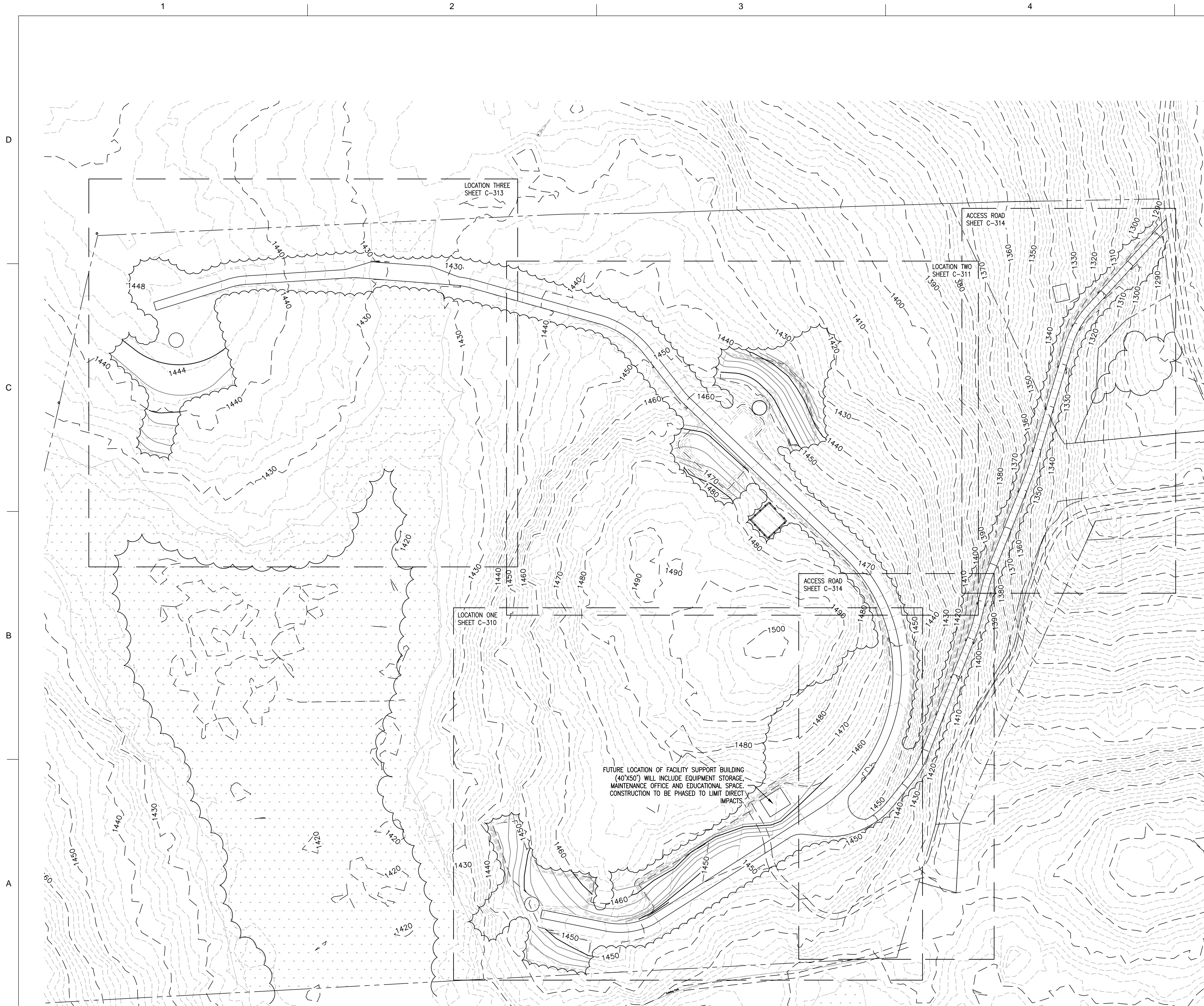
DESIGNED BY:	DATE:
DRAWN BY:	11-18-10
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1385	
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ZAPATA
 6302 BARVIEW ROAD, SUITE 300, 06457
 ZAPATAZAPATA.COM WWW.ZAPATAZAPATA.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 NEW ACCESS ROAD PLAN AND PROFILE
 STA. 9+00 TO 15+16



SHEET IDENTIFICATION
C-308



LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
	GRAVEL
	LAYDOWN AREA

- GRADING NOTES:**
- DISCREPANCIES SHOULD BE NOTED AND GUIDANCE OBTAINED FROM THE ENGINEER PRIOR TO CONTINUING WORK.
 - GENERAL CONTRACTOR IS RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UNDERGROUND UTILITIES.
 - GENERAL CONTRACTOR TO MONITOR STORM WATER RUNOFF DURING AND AFTER CONSTRUCTION TO ENSURE PROPER DRAINAGE AWAY FROM PROPOSED BUILDING AND DRIVE.
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 - ALL HARD SURFACES SHALL HAVE A SLOPE AS INDICATED ON DRAWINGS.
 - GENERAL CONTRACTOR TO ENSURE POSITIVE DRAINAGE AWAY FROM TOWER PADS.
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 - CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
 - ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
 - SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.

DATE: 11-19-10

DESIGNED BY: [Blank]

DRAWN BY: [Blank]

RSW: [Blank]

CHK BY: TLK

FILE NUMBER: 1385

DATE: 11-19-10

FILE NAME: [Blank]

ANSI D

6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 ZAPATA ENGINEERING, INC.
 WWW.ZAPATAENGINEERING.COM

STATE OF CONNECTICUT
 PROFESSIONAL ENGINEER
 No. 27285
 LICENSED
 11-19-20

0 100' 200'

MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DATE	FILE NUMBER
11-19-10	1385

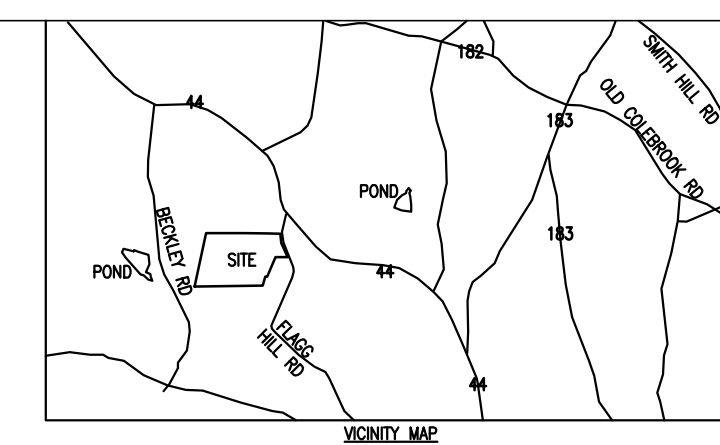
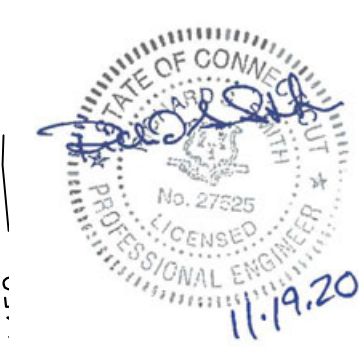
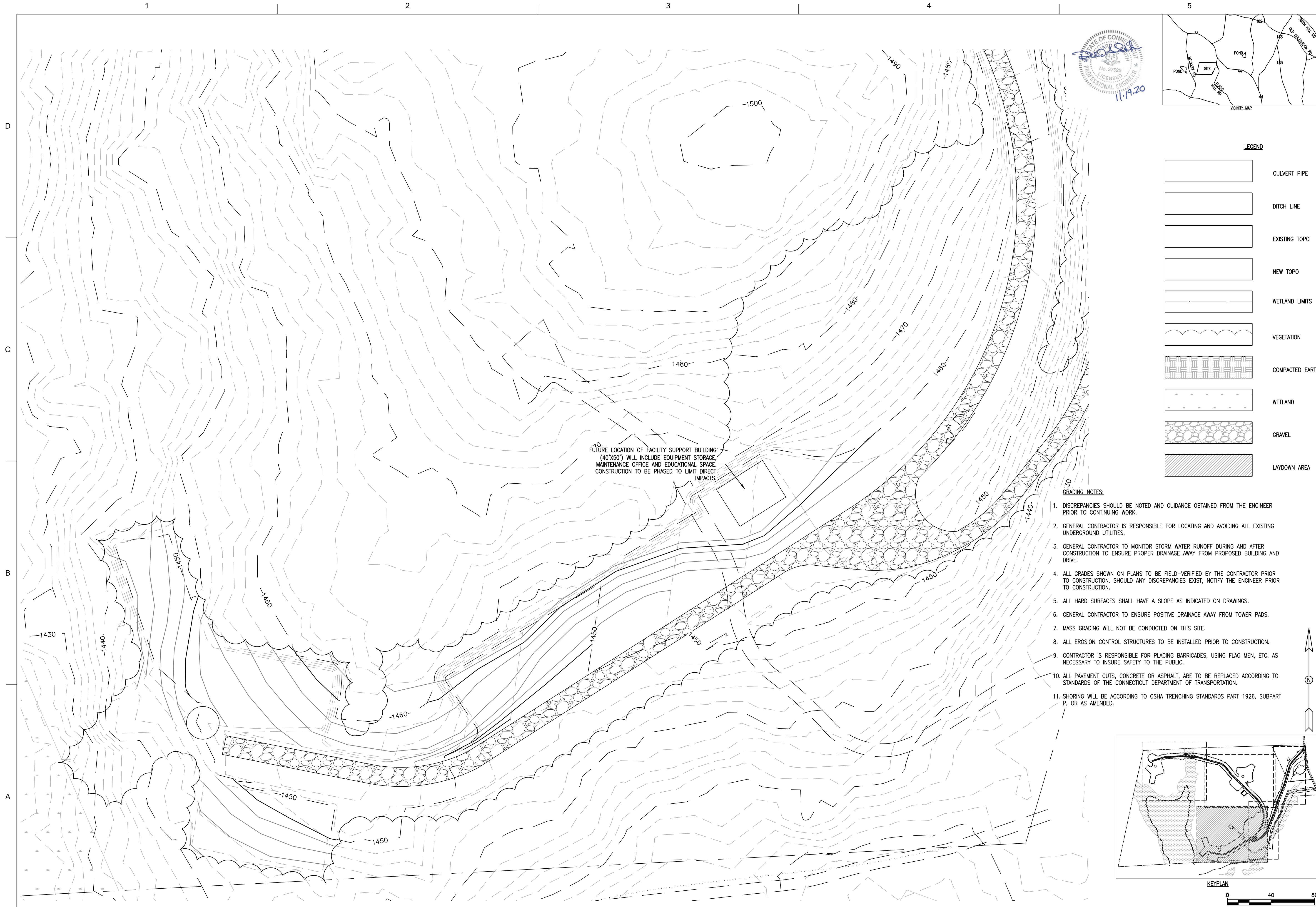
ZAPATA
 ENGINEERING, INC.

WIND COLEBROOK SOUTH
 CONNECTICUT

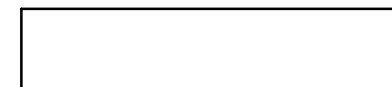
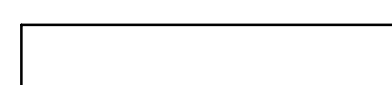
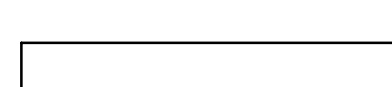
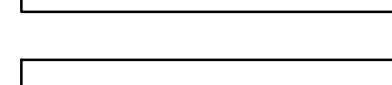
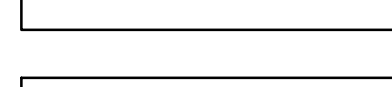
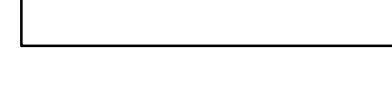



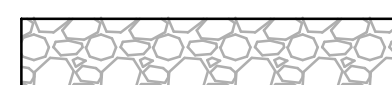
OVERALL POST CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-309



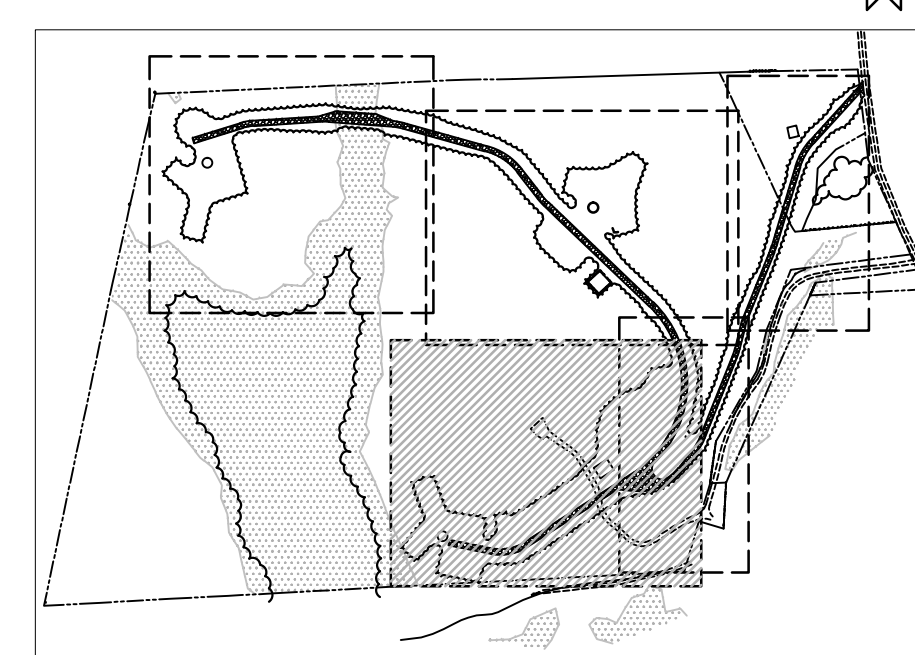


LEGEND

-  CULVERT PIPE
-  DITCH LINE
-  EXISTING TOPO
-  NEW TOPO
-  WETLAND LIMITS
-  VEGETATION
-  COMPACTED EARTH
-  WETLAND
-  GRAVEL
-  LAYDOWN AREA

GRADING NOTES:

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11. SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
RSW	11-19-10

CHKD BY:	FILE NUMBER:
TLK	1385

DESIGNED BY:	DATE:
RSW	11-19-10

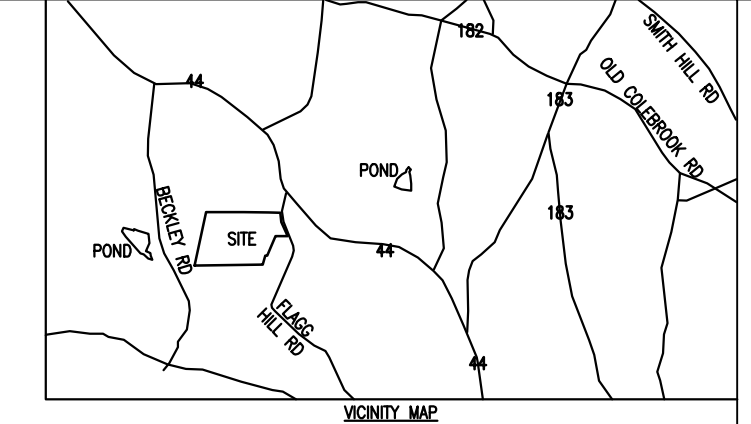
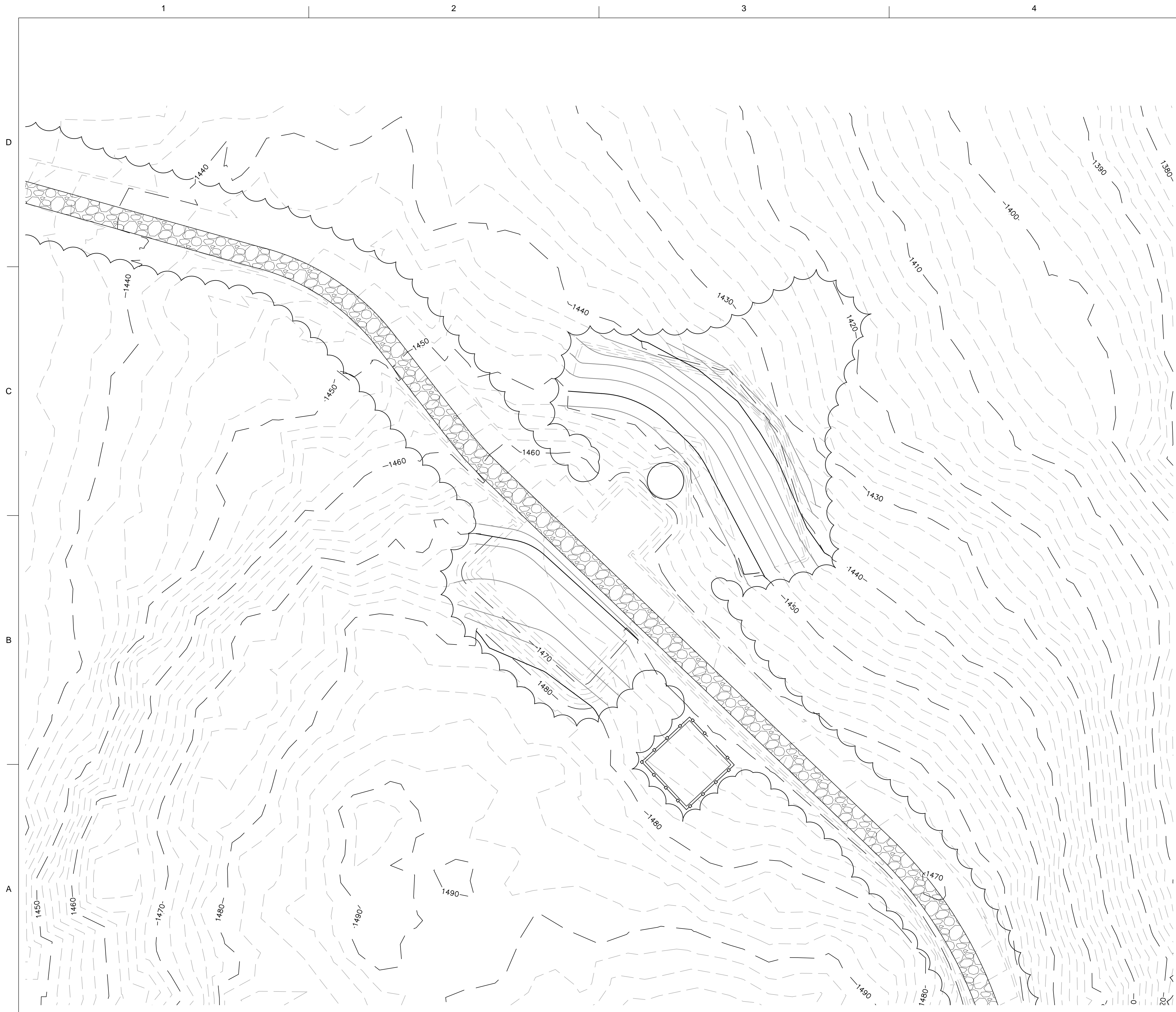
CHKD BY:	FILE NAME:
TLK	11-19-10

ZAPATA
 6302 LAWREN ROAD, SUITE 200, WINDHAM, ME 04996
 TEL: 207-833-2222 FAX: 207-833-2223
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION ONE AND
 CRANE ASSEMBLY AREA
 POST CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-310



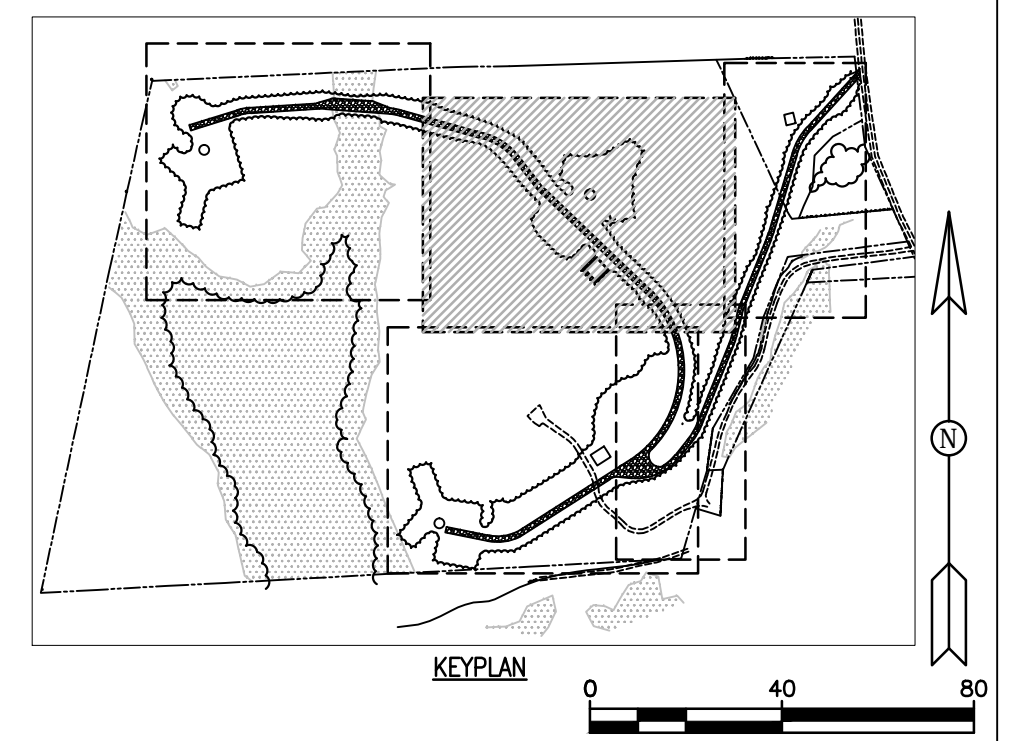


LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
	GRAVEL
	LAYDOWN AREA

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MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10		

DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
RSW	
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SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385
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ZAPATA
 6502 LAWRENCE ROAD, SUITE 200A, WESTPORT, CT 06880
 (860) 426-8400
 WWW.ZAPATAINC.COM

WINDY HILL SOUTH
 CONNECTICUT
 TURBINE LOCATION TWO
 POST CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-311



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A

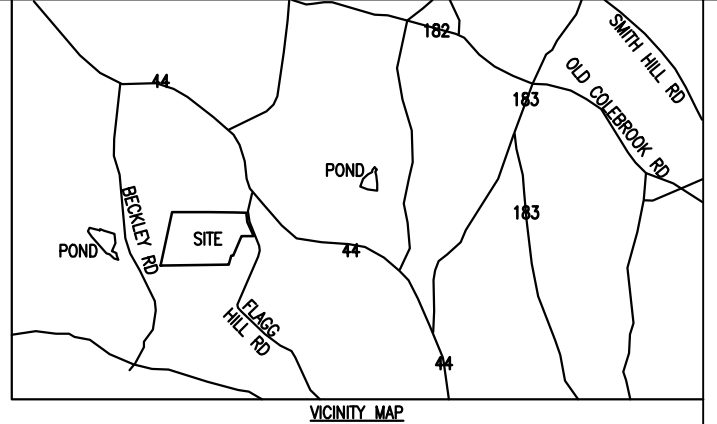
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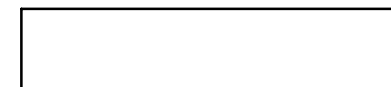
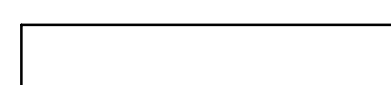
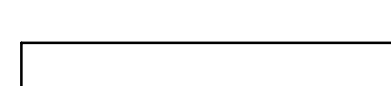
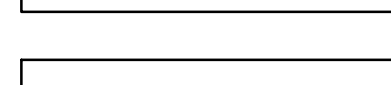
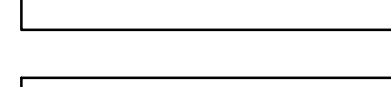
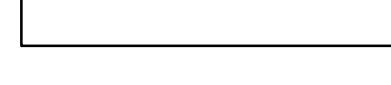



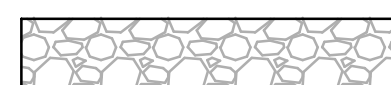
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4

5



LEGEND

-  CULVERT PIPE
-  DITCH LINE
-  EXISTING TOPO
-  NEW TOPO
-  WETLAND LIMITS
-  VEGETATION
-  COMPACTED EARTH
-  WETLAND
-  GRAVEL
-  LAYDOWN AREA

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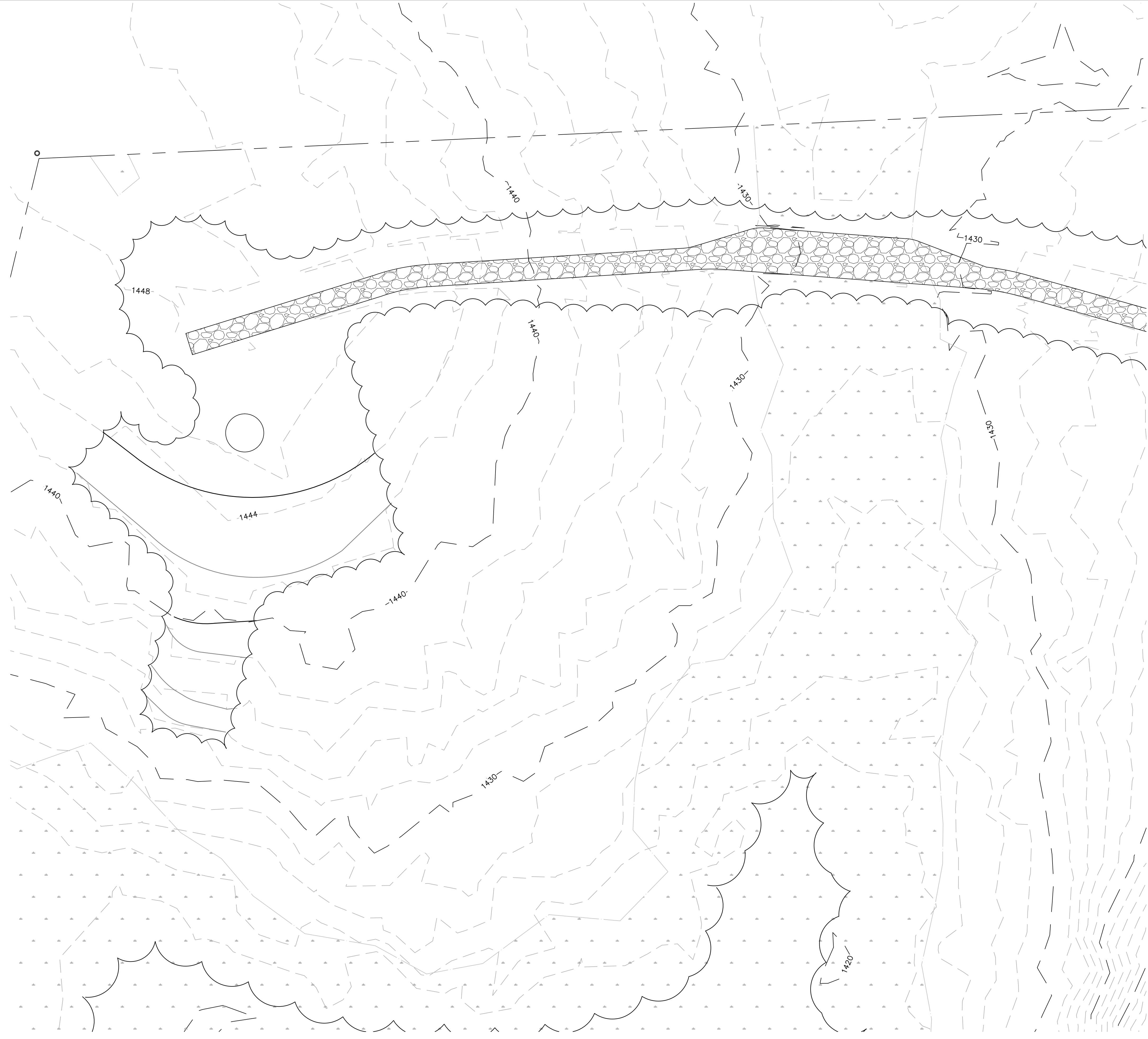
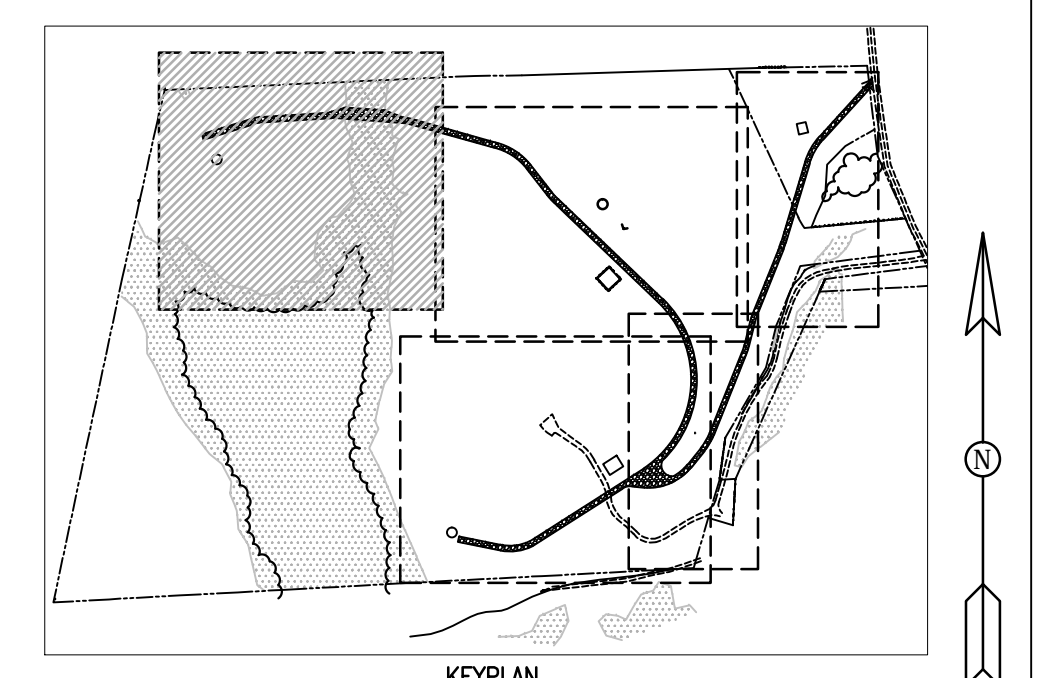
MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

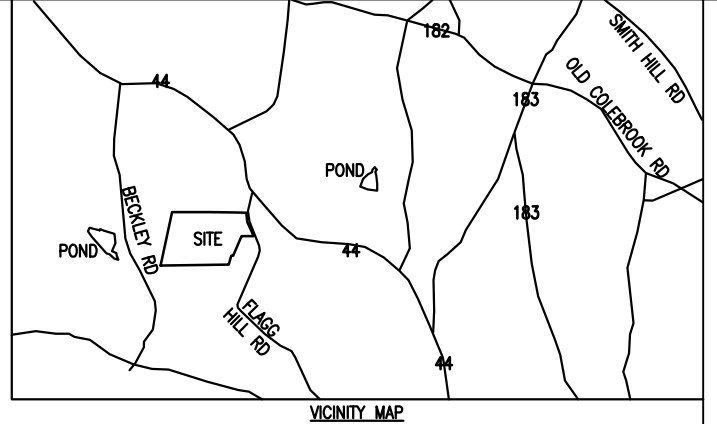
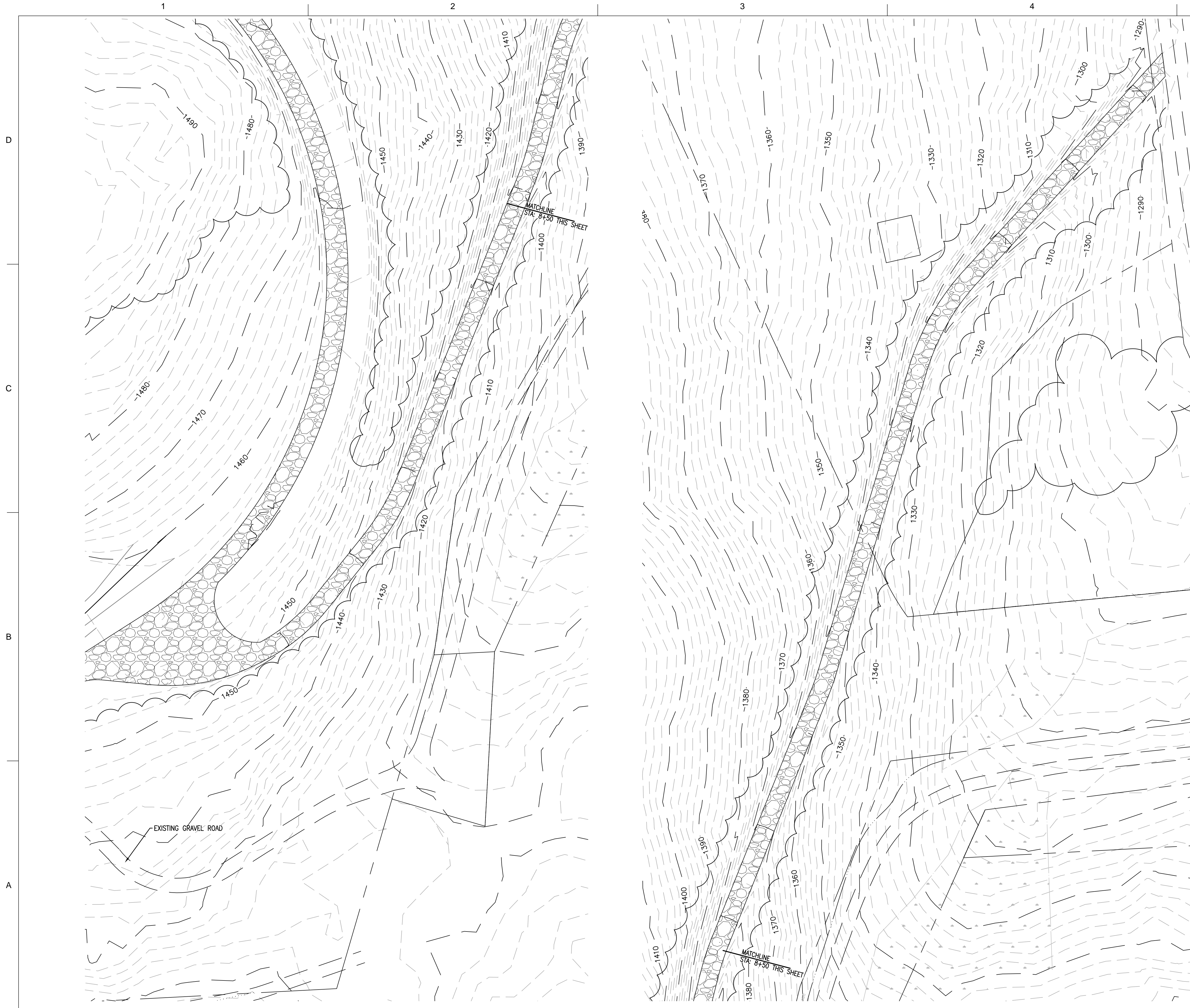
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RSW	11-19-10
CHK BY:	FILE NUMBER:
TLK	1385
SUBMITTED BY:	FILE NAME:
BNE ENERGY	
PLOT SCALE:	ANSI D
AS SHOWN	

ZAPATA
 6302 LAWREN ROAD, SUITE 100A, SOUTH BRITAIN, VT 05488
 802.888.8888
 WWW.ZAPATAINC.COM

WINDY HILL SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE
 POST CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-312

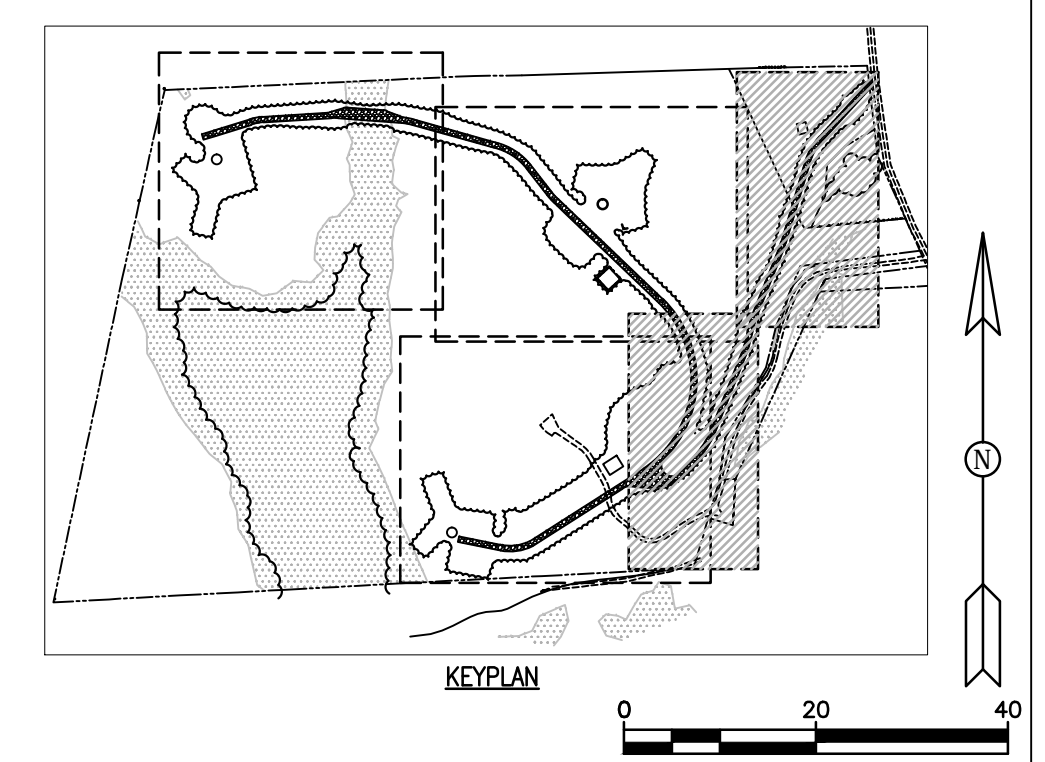




LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
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	LAYDOWN AREA

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 - ALL EROSION CONTROL STRUCTURES TO BE INSTALLED PRIOR TO CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR PLACING BARRICADES, USING FLAG MEN, ETC. AS NECESSARY TO INSURE SAFETY TO THE PUBLIC.
 - ALL PAVEMENT CUTS, CONCRETE OR ASPHALT, ARE TO BE REPLACED ACCORDING TO STANDARDS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
 - SHORING WILL BE ACCORDING TO OSHA TRENCHING STANDARDS PART 1926, SUBPART P, OR AS AMENDED.



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1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

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TLK	1385

DESIGNED BY:	DATE:
TLK	11-19-10

CHKD BY:	FILE NAME:
TLK	11-19-10

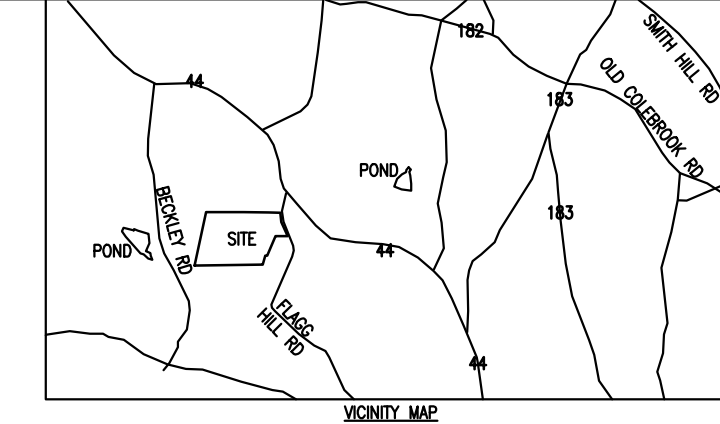
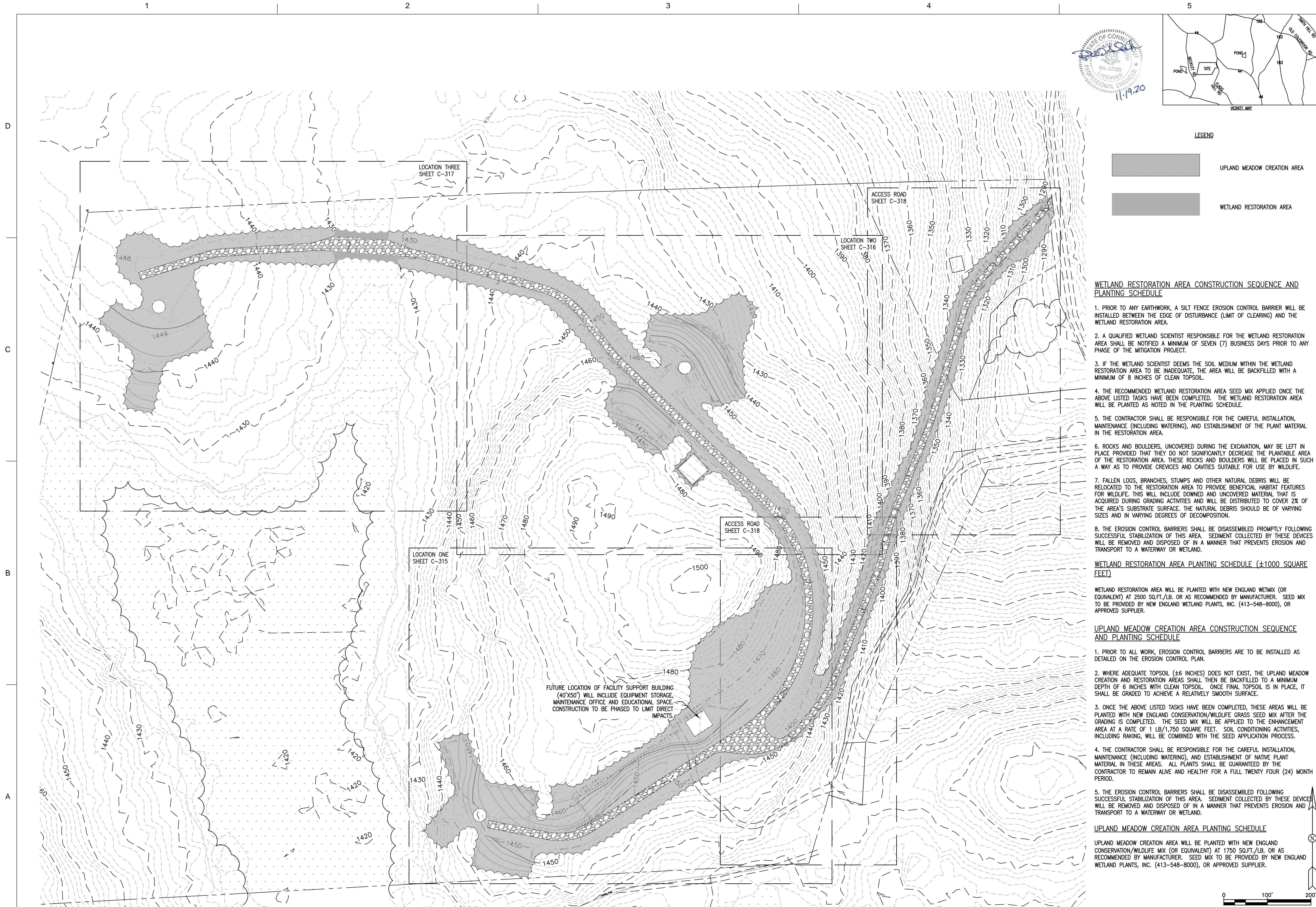
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 6502 LAWRENCE ROAD, SUITE 200A, WESTPORT, CT 06880
 TEL: 860.439.3640
 FAX: 860.439.3641
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WIND COLERBROOK SOUTH
 CONNECTICUT
 ACCESS ROAD STA. 0+00 TO 15+16
 POST CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-313



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



LEGEND

	UPLAND MEADOW CREATION AREA
	WETLAND RESTORATION AREA

WETLAND RESTORATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

- PRIOR TO ANY EARTHWORK, A SILT FENCE EROSION CONTROL BARRIER WILL BE INSTALLED BETWEEN THE EDGE OF DISTURBANCE (LIMIT OF CLEARING) AND THE WETLAND RESTORATION AREA.
- A QUALIFIED WETLAND SCIENTIST RESPONSIBLE FOR THE WETLAND RESTORATION AREA SHALL BE NOTIFIED A MINIMUM OF SEVEN (7) BUSINESS DAYS PRIOR TO ANY PHASE OF THE MITIGATION PROJECT.
- IF THE WETLAND SCIENTIST DEEMS THE SOIL MEDIUM WITHIN THE WETLAND RESTORATION AREA TO BE INADEQUATE, THE AREA WILL BE BACKFILLED WITH A MINIMUM OF 8 INCHES OF CLEAN TOPSOIL.
- THE RECOMMENDED WETLAND RESTORATION AREA SEED MIX APPLIED ONCE THE ABOVE LISTED TASKS HAVE BEEN COMPLETED. THE WETLAND RESTORATION AREA WILL BE PLANTED AS NOTED IN THE PLANTING SCHEDULE.
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WETLAND RESTORATION AREA PLANTING SCHEDULE (±1000 SQUARE FEET)

WETLAND RESTORATION AREA WILL BE PLANTED WITH NEW ENGLAND WETMIX (OR EQUIVALENT) AT 2500 SQ.FT./LB. OR AS RECOMMENDED BY MANUFACTURER. SEED MIX TO BE PROVIDED BY NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000), OR APPROVED SUPPLIER.

UPLAND MEADOW CREATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

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UPLAND MEADOW CREATION AREA PLANTING SCHEDULE

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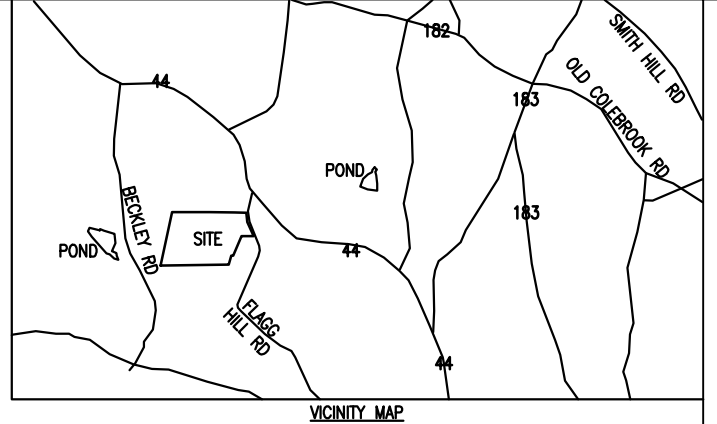
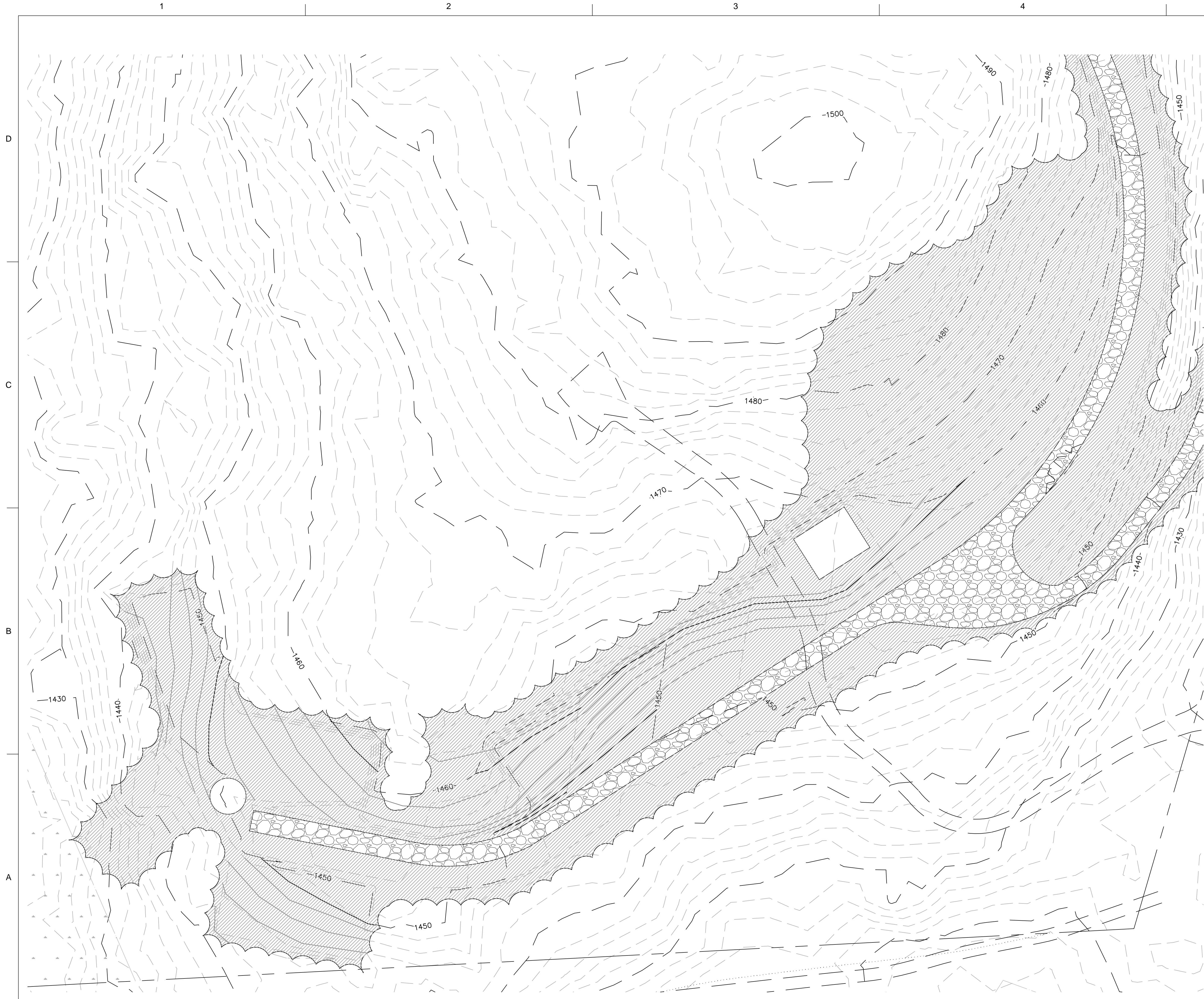
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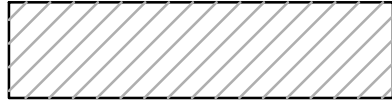
WINDY HILL SOUTH
 CONNECTICUT
 UPLAND MEADOW CREATION AND RESTORATION
 AND WETLAND RESTORATION PLAN


SHEET
 IDENTIFICATION
C-314





LEGEND

 UPLAND MEADOW CREATION AREA

 WETLAND RESTORATION AREA

UPLAND MEADOW CREATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

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UPLAND MEADOW CREATION AREA PLANTING SCHEDULE

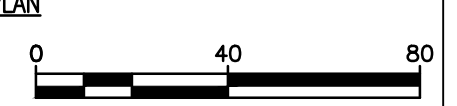
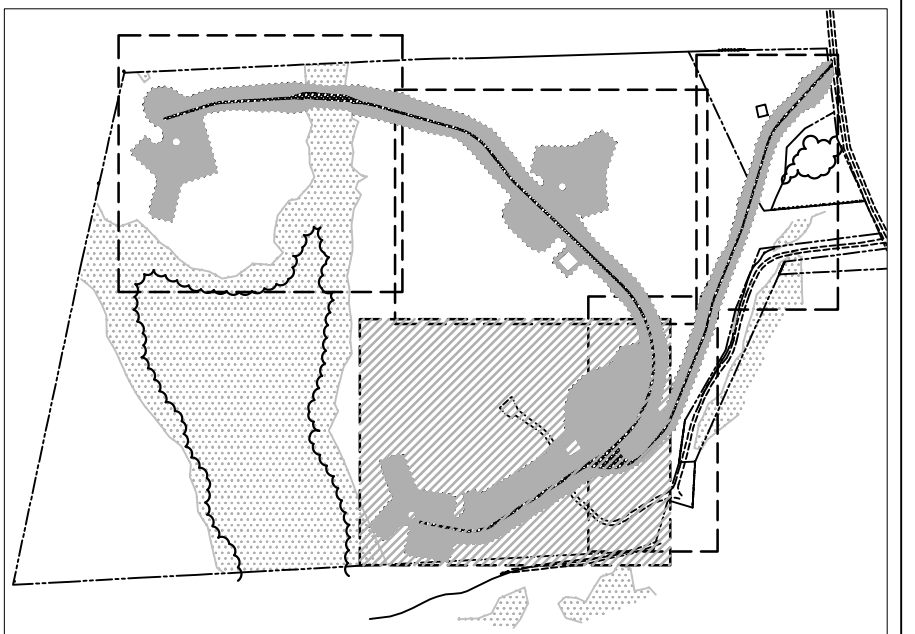
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1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10	TLC	APPR.

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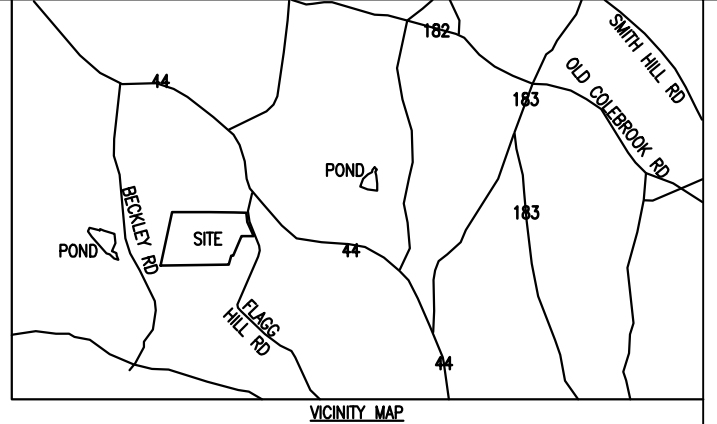
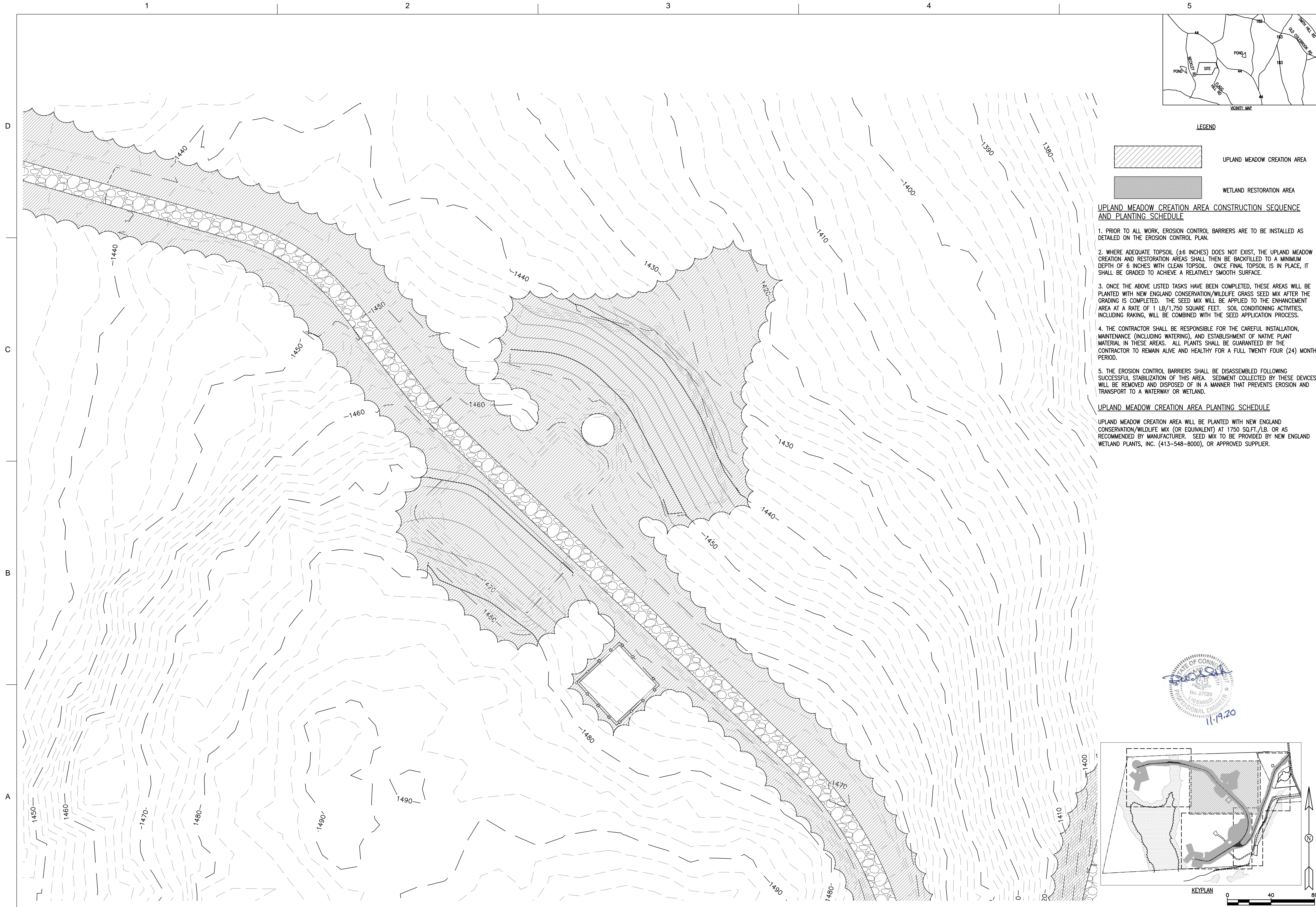


WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION ONE AND
 CRANE ASSEMBLY AREA
 UPLAND MEADOW CREATION AND RESTORATION
 AND WETLAND RESTORATION PLAN

SHEET
 IDENTIFICATION
C-315

BNE Energy Inc.
 Producer of green clean energy





LEGEND

- UPLAND MEADOW CREATION AREA
- WETLAND RESTORATION AREA

UPLAND MEADOW CREATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

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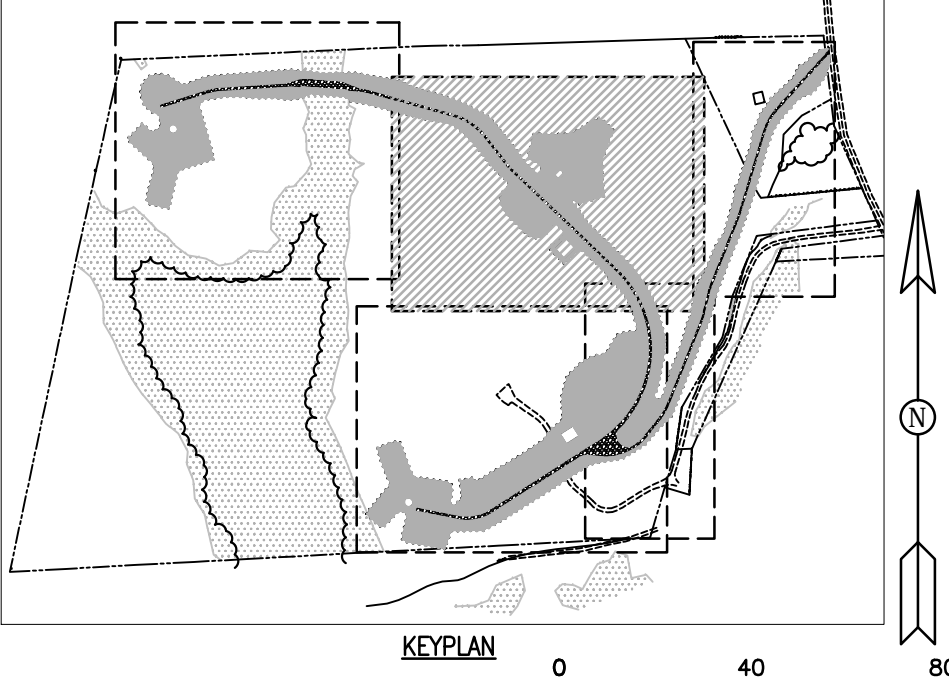
UPLAND MEADOW CREATION AREA PLANTING SCHEDULE

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 ZAPATAZAPATA.COM WWW.ZAPATAZAPATA.COM



WIND COLERBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION TWO
 UPLAND MEADOW CREATION AND RESTORATION
 AND WETLAND RESTORATION PLAN

SHEET
 IDENTIFICATION
C-316



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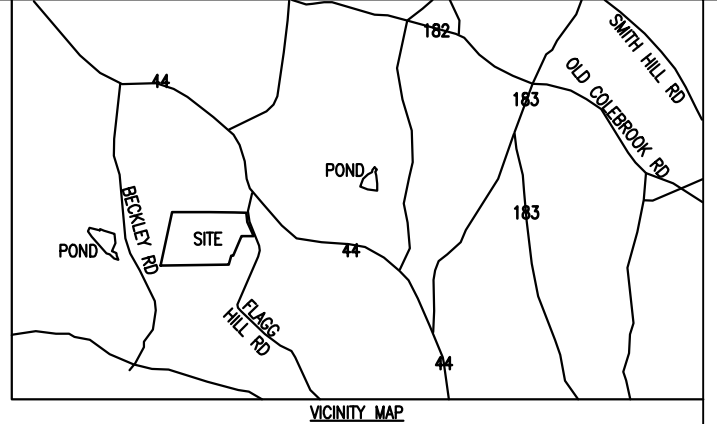
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LEGEND

UPLAND MEADOW CREATION AREA

WETLAND RESTORATION AREA

WETLAND RESTORATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

1. PRIOR TO ANY EARTHWORK, A SILT FENCE EROSION CONTROL BARRIER WILL BE INSTALLED BETWEEN THE EDGE OF DISTURBANCE (LIMIT OF CLEARING) AND THE WETLAND RESTORATION AREA.
2. A QUALIFIED WETLAND SCIENTIST RESPONSIBLE FOR THE WETLAND RESTORATION AREA SHALL BE NOTIFIED A MINIMUM OF SEVEN (7) BUSINESS DAYS PRIOR TO ANY PHASE OF THE MITIGATION PROJECT.
3. IF THE WETLAND SCIENTIST DEEMS THE SOIL MEDIUM WITHIN THE WETLAND RESTORATION AREA TO BE INADEQUATE, THE AREA WILL BE BACKFILLED WITH A MINIMUM OF 8 INCHES OF CLEAN TOPSOIL.
4. THE RECOMMENDED WETLAND RESTORATION AREA SEED MIX APPLIED ONCE THE ABOVE LISTED TASKS HAVE BEEN COMPLETED. THE WETLAND RESTORATION AREA WILL BE PLANTED AS NOTED IN THE PLANTING SCHEDULE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CAREFUL INSTALLATION, MAINTENANCE (INCLUDING WATERING), AND ESTABLISHMENT OF THE PLANT MATERIAL IN THE RESTORATION AREA.
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7. FALLEN LOGS, BRANCHES, STUMPS AND OTHER NATURAL DEBRIS WILL BE RELOCATED TO THE RESTORATION AREA TO PROVIDE BENEFICIAL HABITAT FEATURES FOR WILDLIFE. THIS WILL INCLUDE DOWNED AND UNCOVERED MATERIAL THAT IS ACQUIRED DURING GRADING ACTIVITIES AND WILL BE DISTRIBUTED TO COVER 2% OF THE AREA'S SUBSTRATE SURFACE. THE NATURAL DEBRIS SHOULD BE OF VARYING SIZES AND IN VARYING DEGREES OF DECOMPOSITION.
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WETLAND RESTORATION AREA PLANTING SCHEDULE

WETLAND RESTORATION AREA WILL BE PLANTED WITH NEW ENGLAND WETMIX (OR EQUIVALENT) AT 2500 SQ.FT./LB. OR AS RECOMMENDED BY MANUFACTURER. SEED MIX TO BE PROVIDED BY NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000), OR APPROVED SUPPLIER.

UPLAND MEADOW CREATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

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KEYPLAN

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1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

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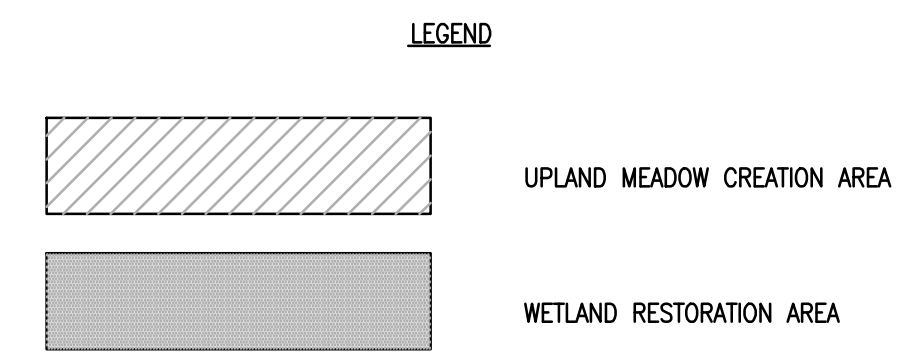
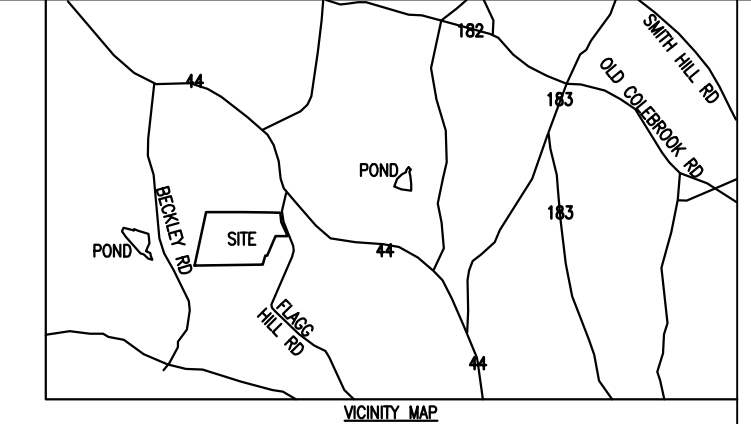
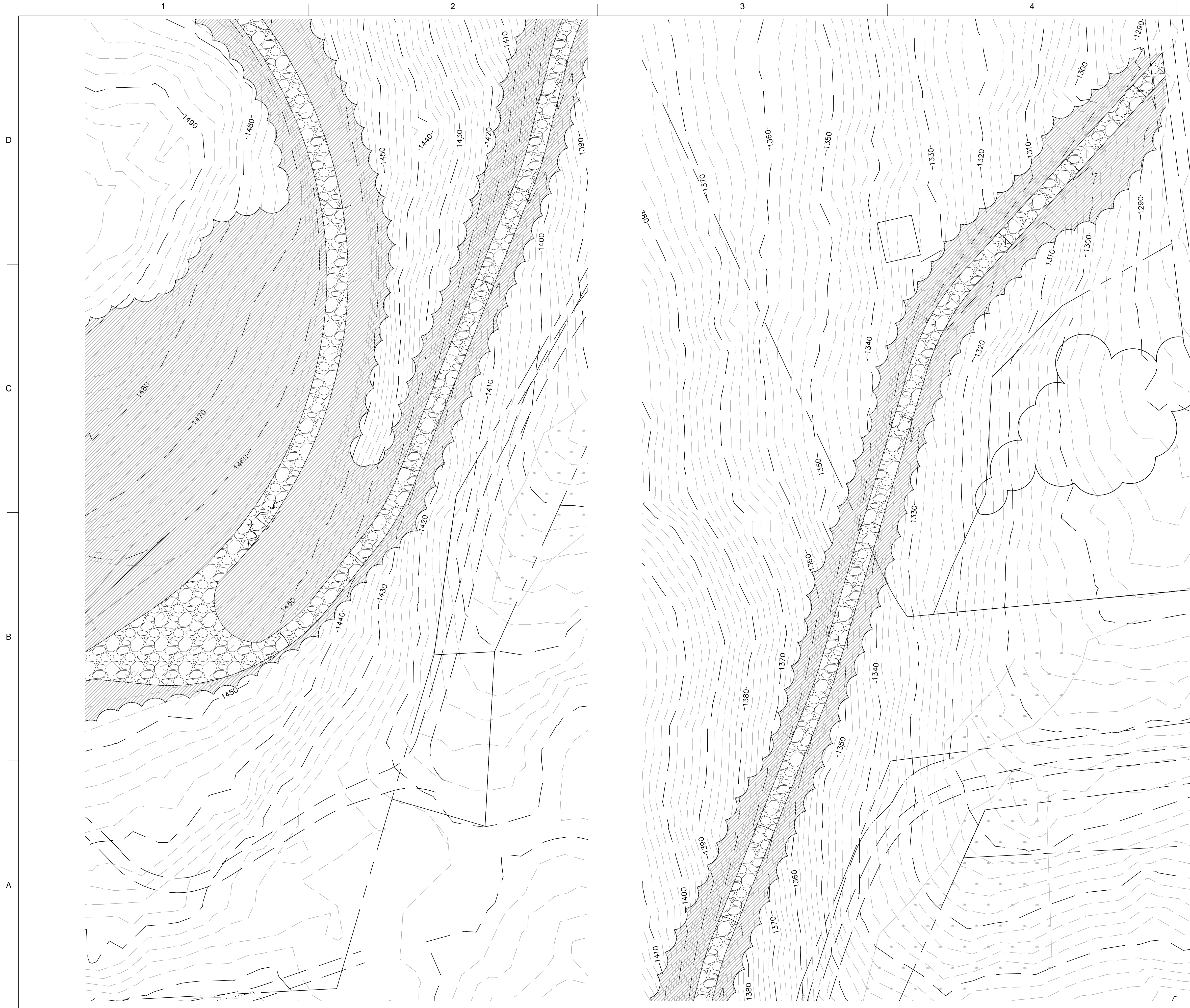
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WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE
 UPLAND MEADOW (CREATION AND RESTORATION)
 AND WETLAND RESTORATION PLAN

SHEET
 IDENTIFICATION
C-317

BNE Energy Inc.
 Producer of green clean energy



UPLAND MEADOW CREATION AREA CONSTRUCTION SEQUENCE AND PLANTING SCHEDULE

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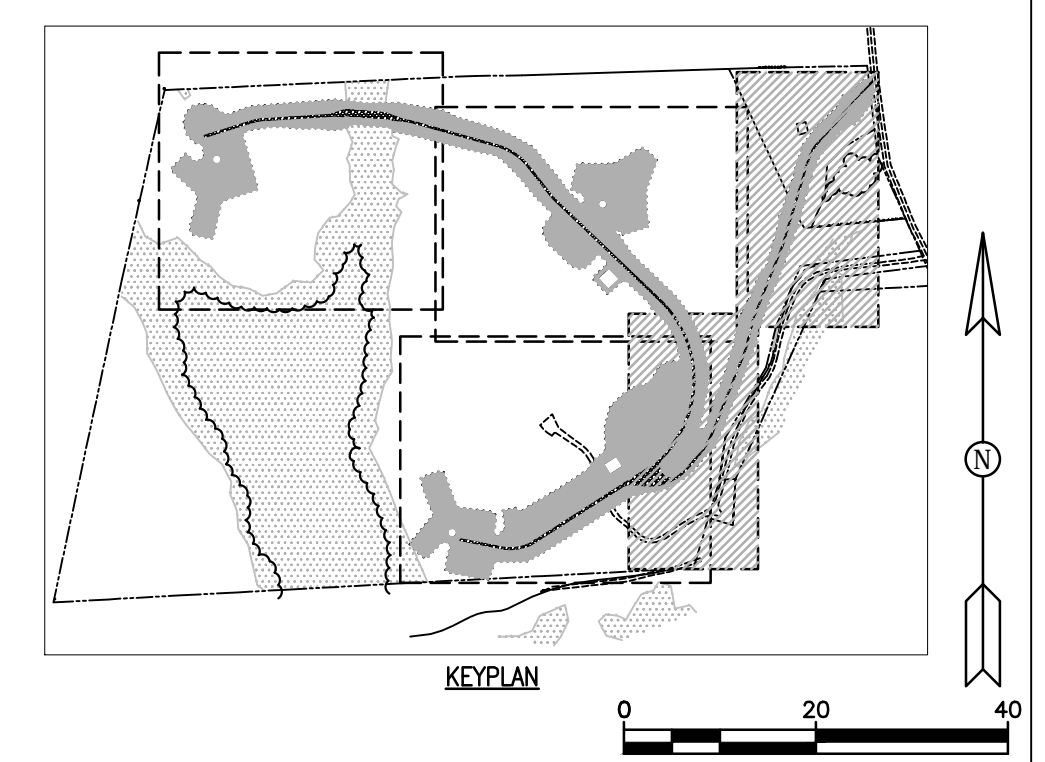
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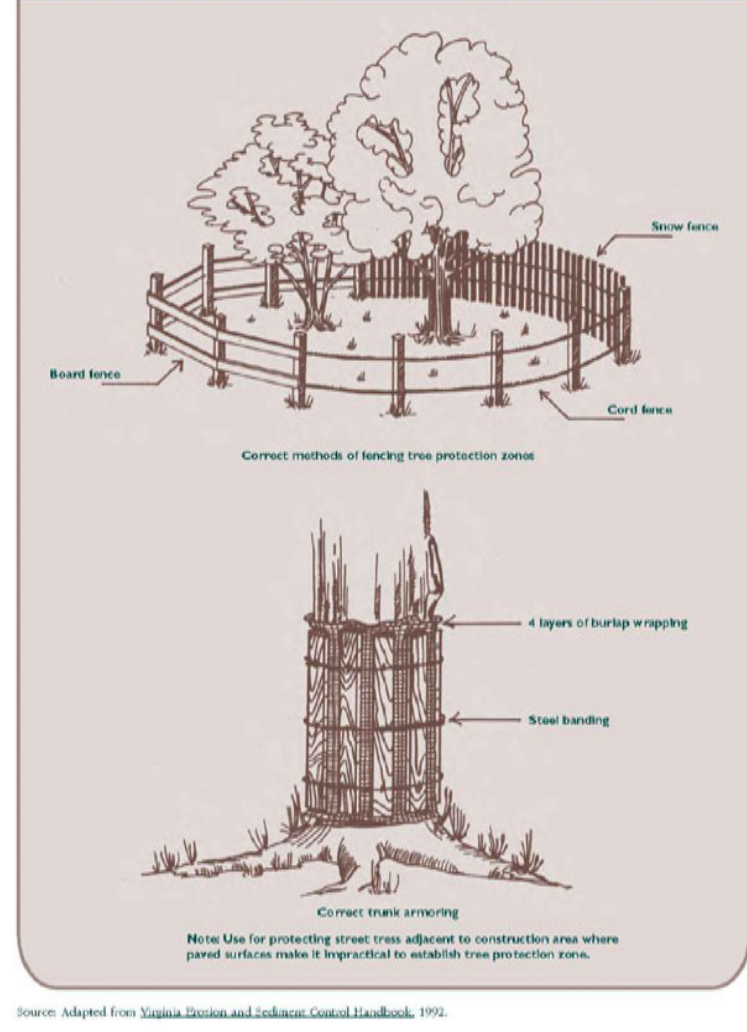
WINDY HILL SOUTH
 CONNECTICUT
 ACCESS ROAD STA. 0+00 TO 16+00
 UPLAND MEADOW CREATION AND RESTORATION
 AND WETLAND RESTORATION PLAN

SHEET
 IDENTIFICATION
C-318



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

Figure TP-7 Mechanical Tree Protection



2002 Connecticut Guidelines for Soil Erosion and Sediment Control

1 TREE PROTECTION Scale: NTS

Figure TC-1 Chute Size Determination

Table with 4 columns: Group, Size, Bottom Width (ft), Maximum Drains Area (sq ft). Includes notes on height and length of chutes.

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Lined Chutes (TC).

4 LINED CHUTE STABILIZATION Scale: NTS

Figure TD-1 Temporary Diversion (TD)

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Diversion (TD).

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Diversion Ditch (TDD).

6 TEMPORARY DIVERSION DITCH Scale: NTS

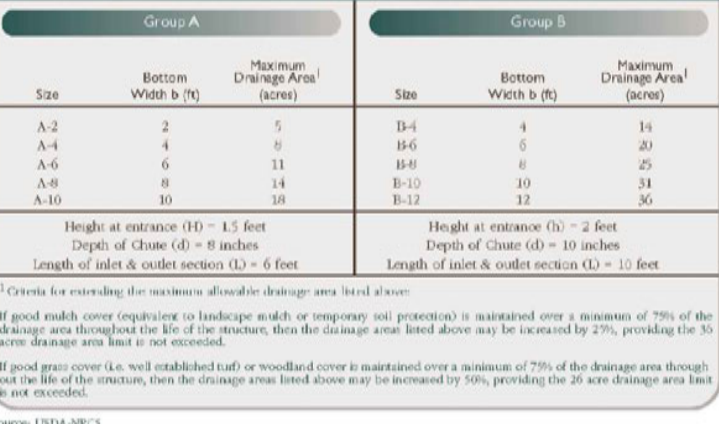
Figure TS-2 Temporary Seeding Rates and Dates

Table with columns for Species, Seeding Rate (lb/1000 sq ft), and Plant Characteristics. Lists various grasses and legumes.

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Seeding (TS).

2 SOIL COVER Scale: NTS

Figure TC-2 Temporary Paved Chute Plans and Profiles



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Paved Chutes (TC).

4 LINED CHUTE STABILIZATION Scale: NTS

Figure TD-2 Temporary Diversion (TD)

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Diversion (TD).

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Diversion Ditch (TDD).

6 TEMPORARY DIVERSION DITCH Scale: NTS

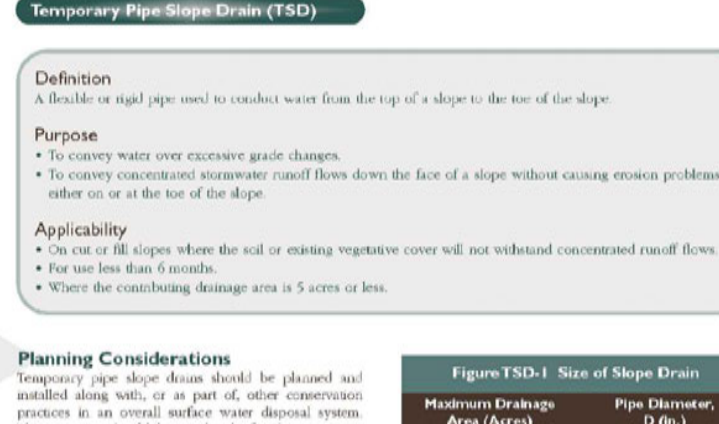
Figure ECD-1 Temporary Erosion Control Blanket (ECB)

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

3 GEO-TEXTILE MAT Scale: NTS

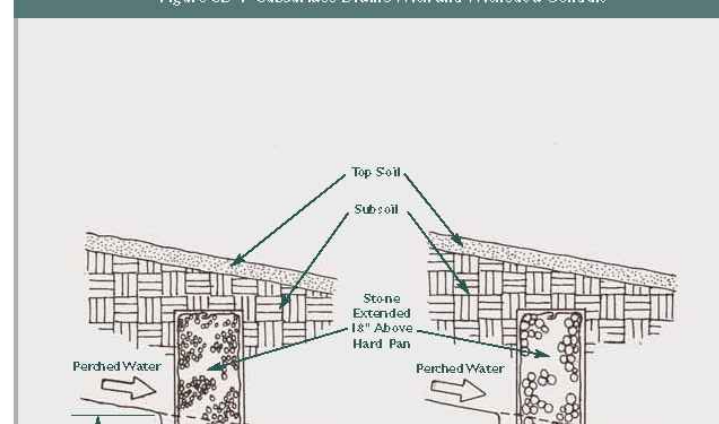
Figure TS-3 Temporary Slope Pipe Slope Drain



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Slope Pipe Slope Drain (TS).

5 TEMPORARY PIPE SLOPE DRAIN Scale: NTS

Figure SD-1 Subsurface Drain (SD) With and Without a Conduit



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Subsurface Drain (SD).

7 SUB-SURFACE DRAIN Scale: NTS

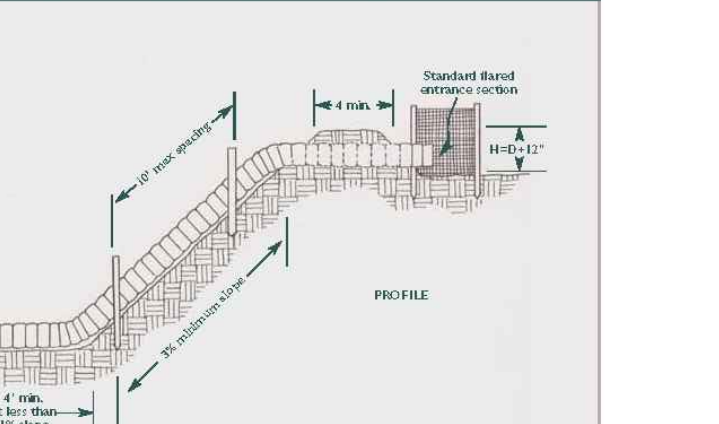
Figure ECD-2 Temporary Erosion Control Blanket (ECB)

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

3 GEO-TEXTILE MAT Scale: NTS

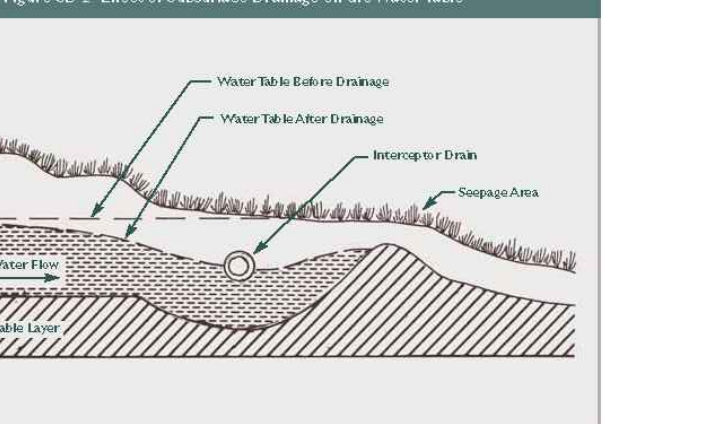
Figure TS-3 Example of Temporary Pipe Slope Drain



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Pipe Slope Drain (TS).

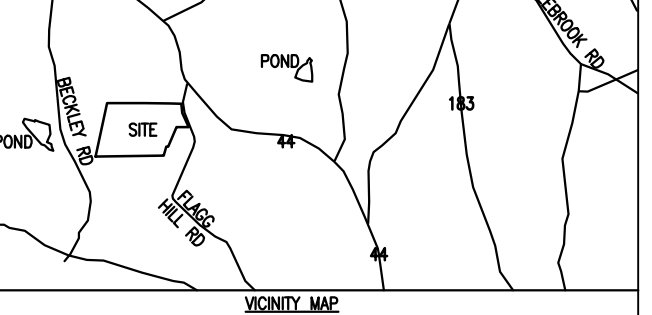
5 TEMPORARY PIPE SLOPE DRAIN Scale: NTS

Figure SD-2 Effect of Subsurface Drainage on the Water Table



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Subsurface Drain (SD).

7 SUB-SURFACE DRAIN Scale: NTS



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Erosion Control Blanket (ECB).

3 GEO-TEXTILE MAT Scale: NTS

Figure TS-3 Example of Temporary Pipe Slope Drain



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Temporary Pipe Slope Drain (TS).

5 TEMPORARY PIPE SLOPE DRAIN Scale: NTS

Figure SD-2 Subsurface Drain Layout



2002 Connecticut Guidelines for Soil Erosion and Sediment Control. Includes sections for Definition, Purpose, Design Criteria, and Installation Requirements for Subsurface Drain (SD).

7 SUB-SURFACE DRAIN Scale: NTS



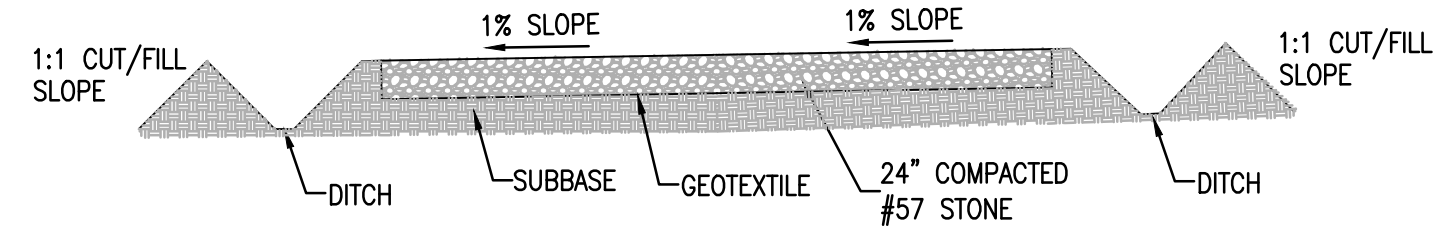
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DESIGNED BY: DATE: 11-19-10. SUBMITTED BY: BNE ENERGY. FILE NUMBER: 1385.

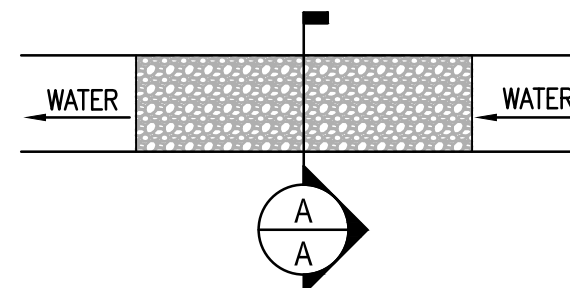
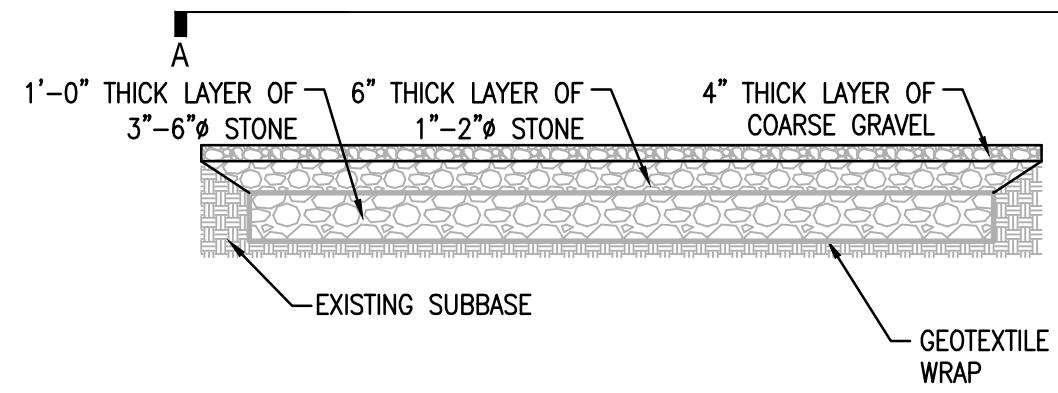


WIND COLEBROOK SOUTH CONNECTICUT. EROSION CONTROL DETAILS.

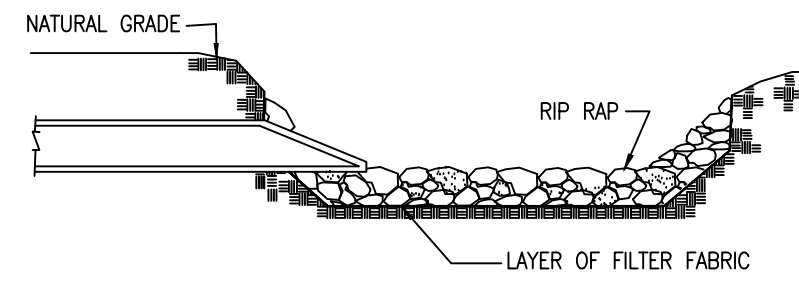
SHEET IDENTIFICATION C-501. Includes a circular seal for the Professional Engineer.



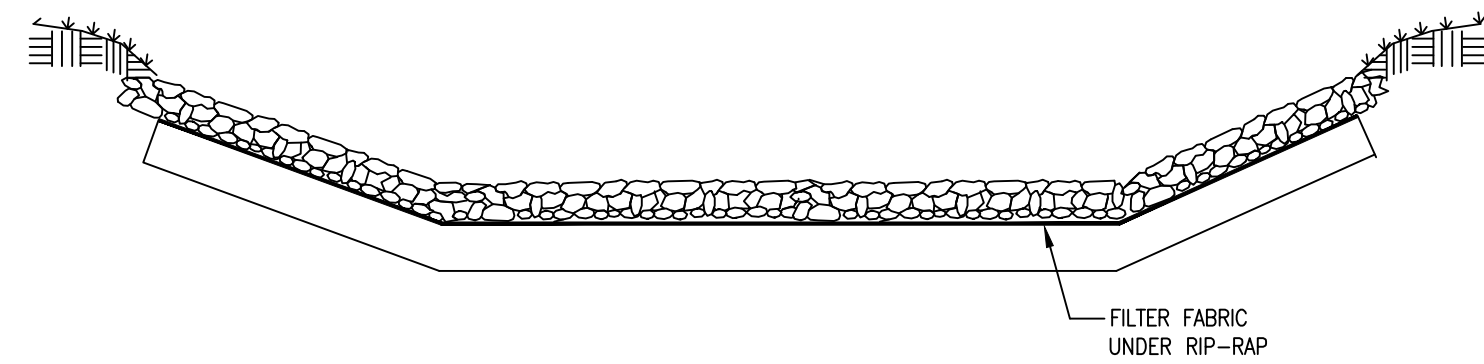
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Scale: 1:10



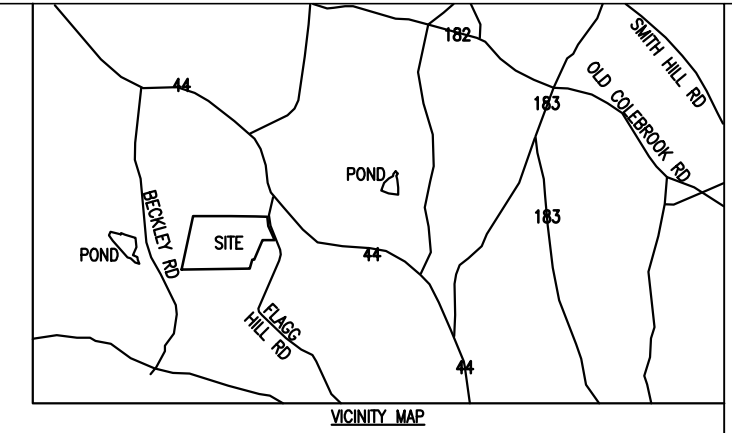
2 WETLAND CROSSING
FRENCH MATTRESS
Scale: NTS



3 TYPICAL CULVERT PIPE INLET/ OUTLET
Scale: NTS



4 TYPICAL GRAVEL LINED DITCH
Scale: NTS



BNE Energy Inc.
Producer of green clean energy



MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC	APPR.

DESIGNED BY:	DATE:
DRAWN BY:	11-19-10
RSW	
CHK BY:	
TLC	
SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385
PLOT SCALE:	FILE NAME:
AS SHOWN	
SIZE:	ANSI D



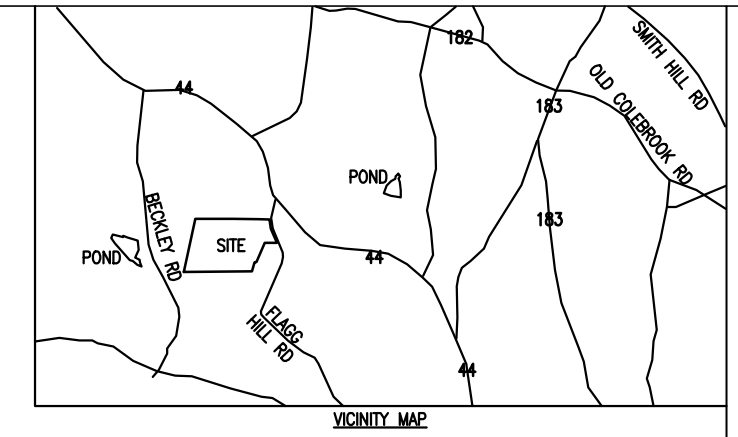
6302 FARMVIEW ROAD
WINDY COLEBROOK, CT 06201
PHONE: (704) 356-8240
FAX: (704) 356-8242
WWW.ZAPATAINC.COM

WINDY COLEBROOK SOUTH
CONNECTICUT
GENERAL DETAILS

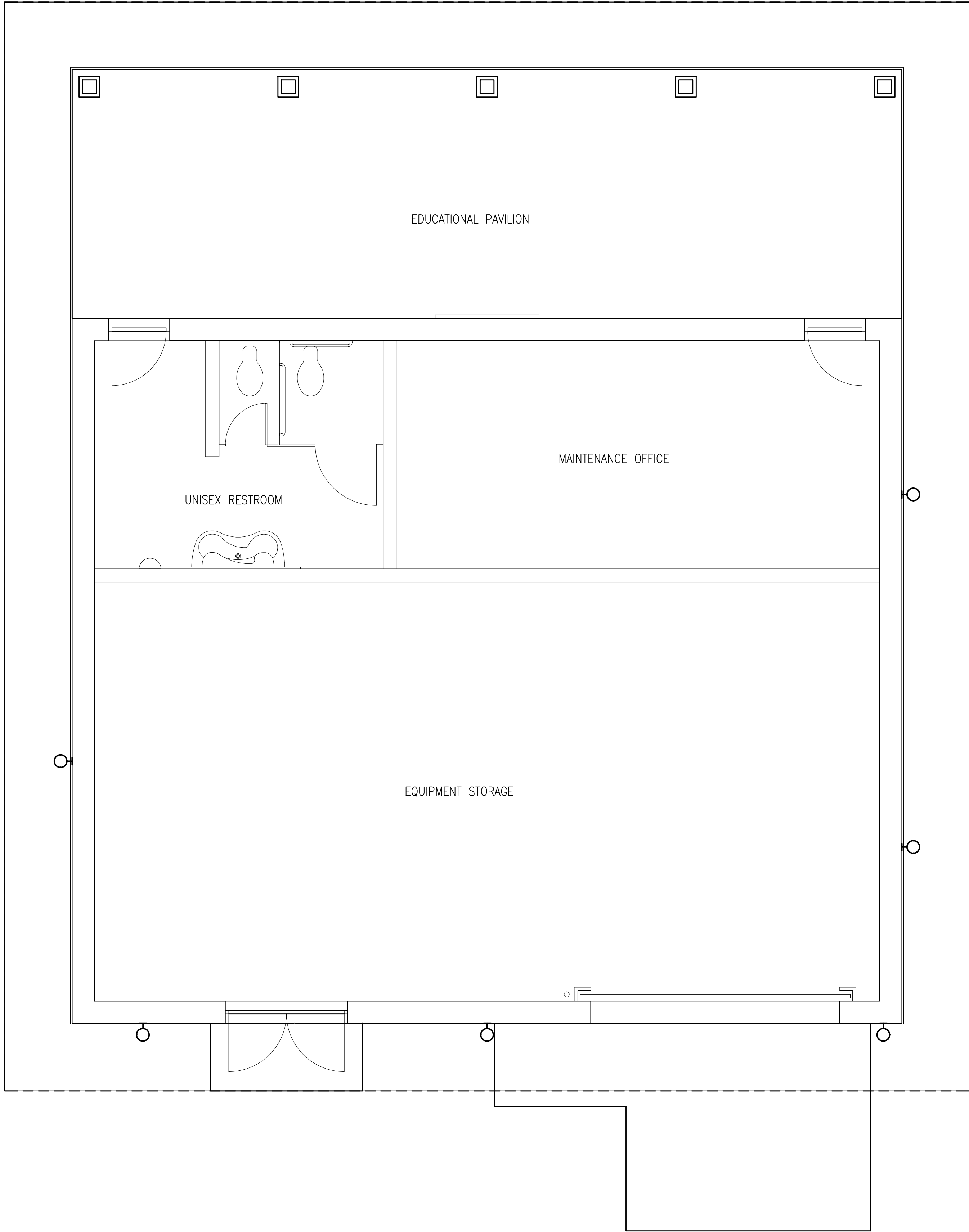


SHEET IDENTIFICATION
C-503

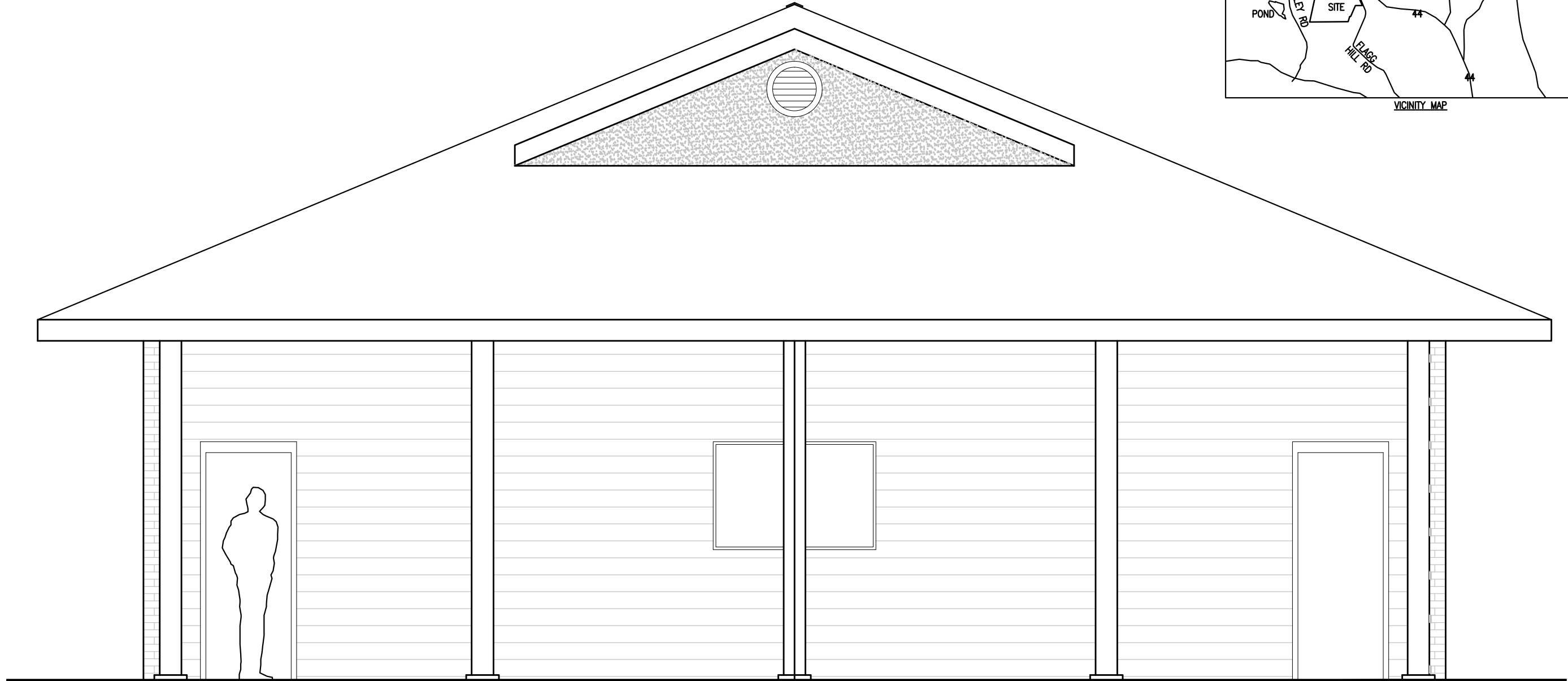
CONCEPTUAL ONLY - FINAL LAYOUT AND ORIENTATION TO BE DETERMINED



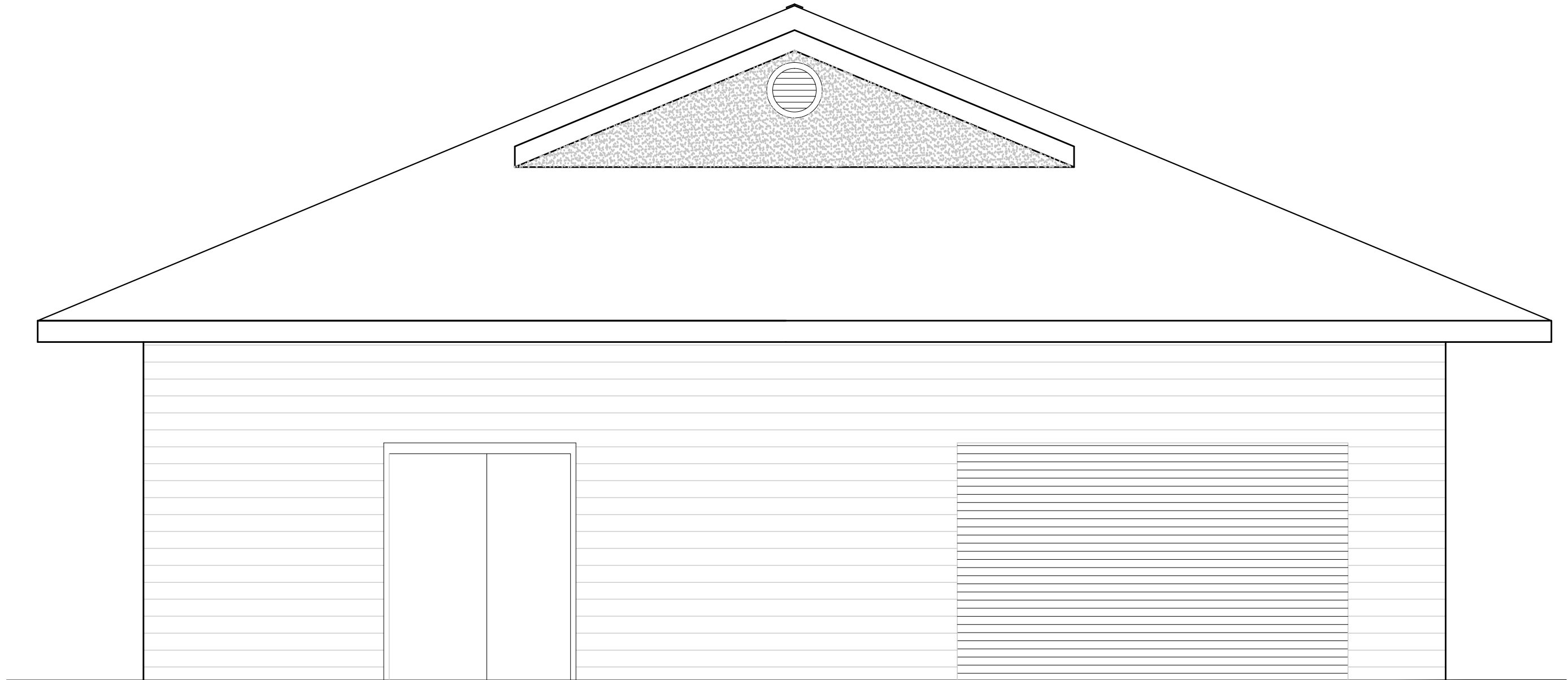
D
C
B
A



1 FLOOR PLAN



2 FRONT ELEVATION



3 REAR ELEVATION



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
RSB	11-19-10
BSW	
TLK	
SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385
PLOT SCALE:	AS SHOWN
FILE NAME:	



WIND COLERBROOK SOUTH CONNECTICUT
FACILITY SUPPORT BUILDING

SHEET IDENTIFICATION
A-001

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

1

2

3

4

5

D

C

B

A

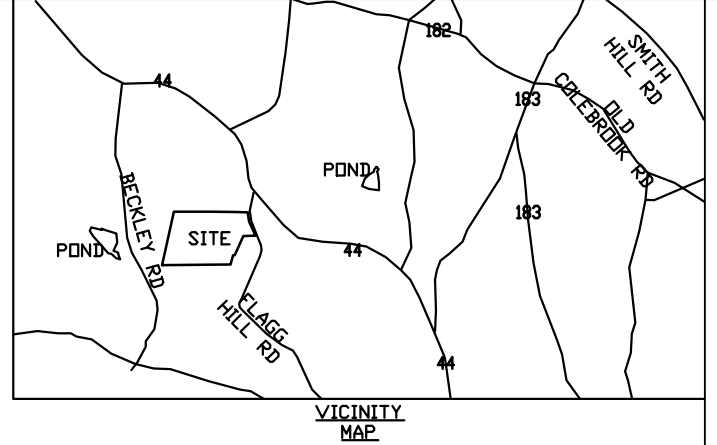


POWER LINETYPE LEGEND

— UE — UE LINETYPE = UNDERGROUND ELECTRICAL AS DESIGNED BY AME.

— OE — OE LINETYPE = OVERHEAD ELECTRICAL AS DESIGNED BY EPE.

~6 MILES TO CL&P
AT INTERSECTION
OF RT 83/44



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10	TLK

DESIGNED BY:	DATE:
REVISED BY:	11-18-10
PREPARED BY:	
DATE:	
DESIGNED BY:	
DATE:	
DESIGNED BY:	
DATE:	
DESIGNED BY:	
DATE:	

ZAPATA
 4000 PARKWAY, SUITE 200
 WINDHAM, VT 05791
 WWW.ZAPATA.COM

WIND COLERBROOK SOUTH
CONNECTICUT
ELECTRICAL - SITE PLAN

SHEET
IDENTIFICATION
E-101



1

2

3

4

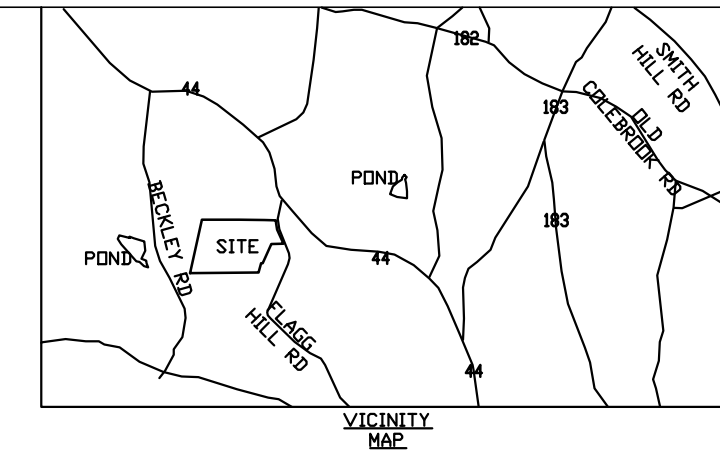
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D

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B

A



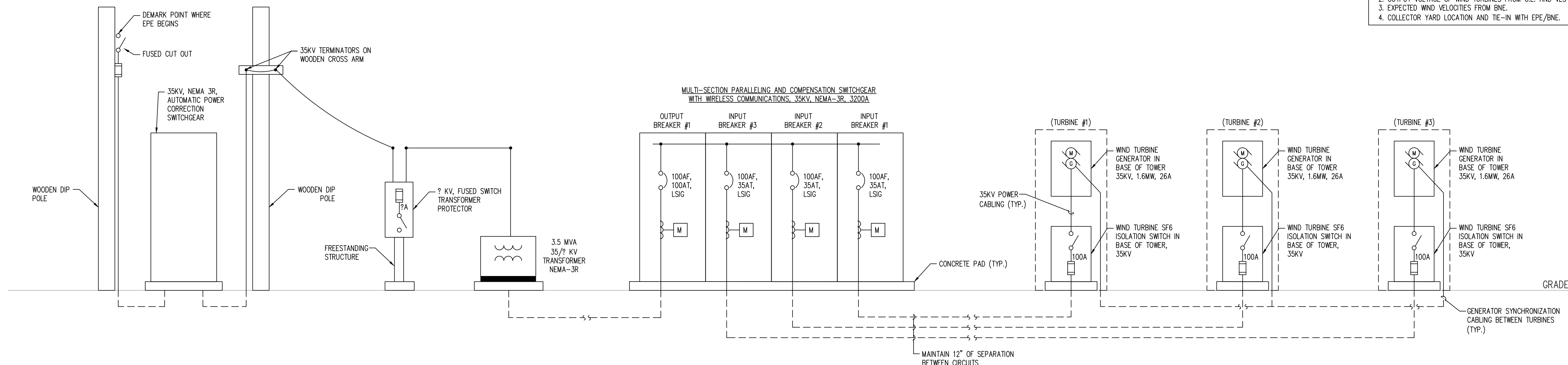
BNE Energy Inc.
 Producer of green clean energy



MARK	DESCRIPTION	DATE	TLC	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-18-10		

DESIGNED BY:	DATE:	11-18-10
ISSUED BY:	CHK BY:	DAJ
REV BY:	DAJ	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	AS SHOWN	
FILE NUMBER:	11-18-10	1385
FILE NAME:	[unclear]	
ANSI D	[unclear]	

- THINGS TO VERIFY:**
- UTILITY TRANSMISSION VOLTAGE RATING PER SITE FROM CL&P.
 - OUTPUT VOLTAGE OF WIND TURBINES FROM G.E. AND VESTAS.
 - EXPECTED WIND VELOCITIES FROM BNE.
 - COLLECTOR YARD LOCATION AND TIE-IN WITH EPE/BNE.



ELECTRICAL – POWER RISER DIAGRAM
 SCALE: NO SCALE



WIND COLEBROOK SOUTH CONNECTICUT
 ELECTRICAL - RISER DIAGRAM

SHEET IDENTIFICATION
E-501