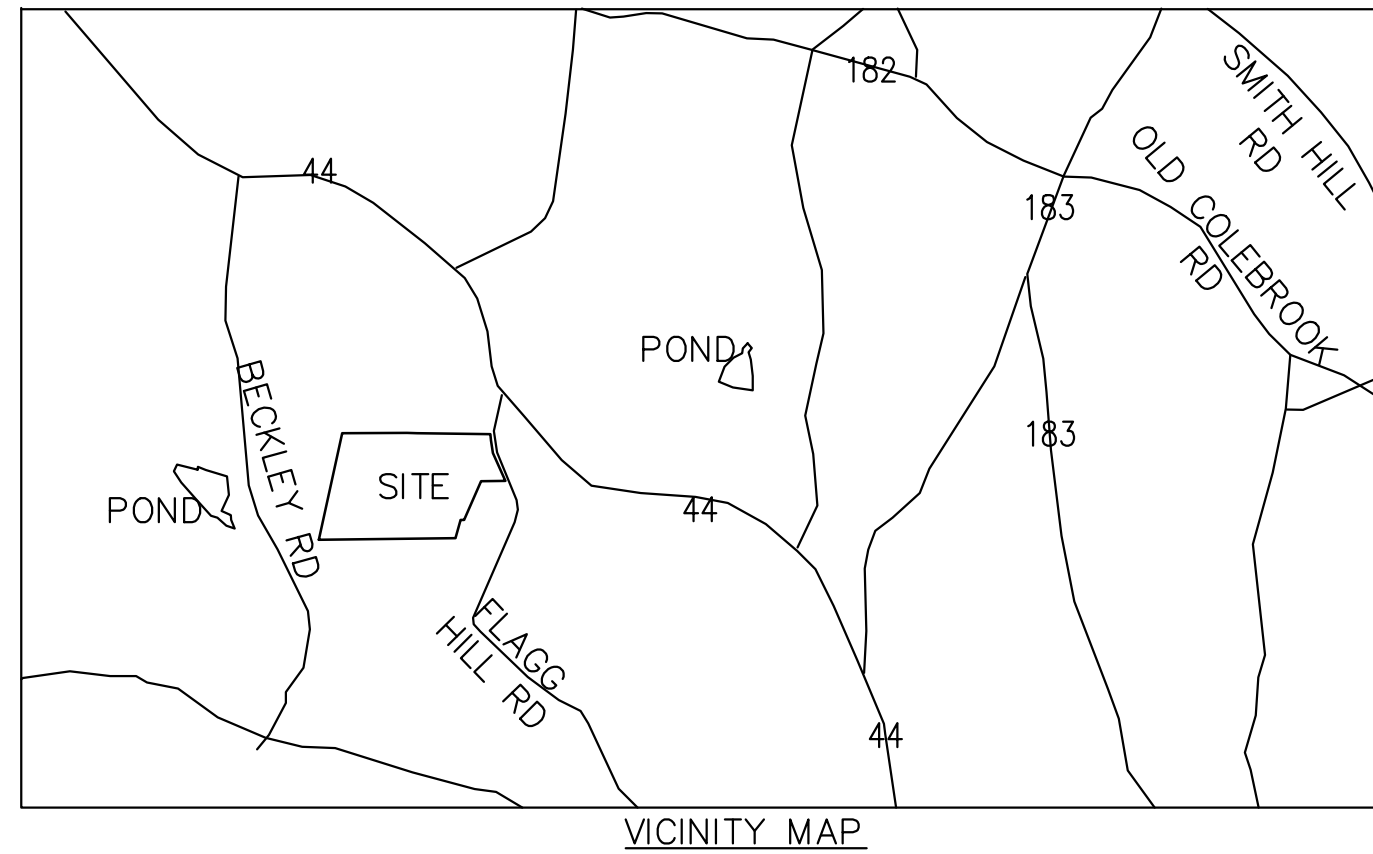


WIND COLEBROOK SOUTH

29 FLAGG HILL ROAD
COLEBROOK, CONNECTICUT



CONNECTICUT SITING
COUNCIL SUBMISSION

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



INDEX OF DRAWINGS

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MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
REVISION:	
CHKD BY:	
TLC:	
SUBMITTED BY:	
BNE ENERGY:	
PLOT SCALE:	FILE NUMBER:
AS SHOWN:	03-14-11
SIZE:	1355
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ZAPATA
6002 FAIRVIEW ROAD #200 PHONE: (704) 356-8540
FAIRVIEW, NC 28734 FAX: (704) 356-8542
WWW.ZAPATAINC.COM WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
CONNECTICUT
COVER SHEET AND DRAWING INDEX

SHEET
IDENTIFICATION
G-000

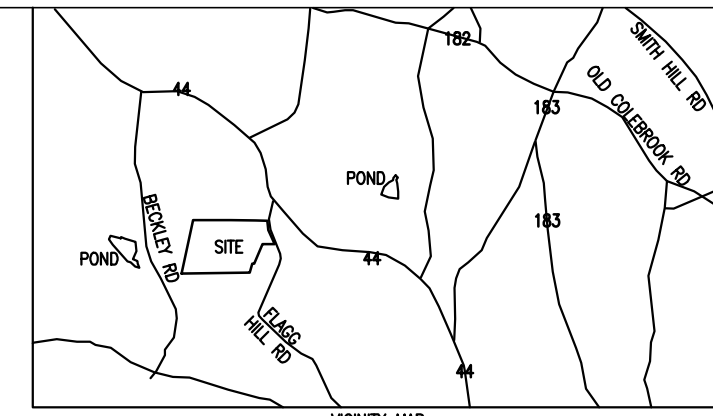
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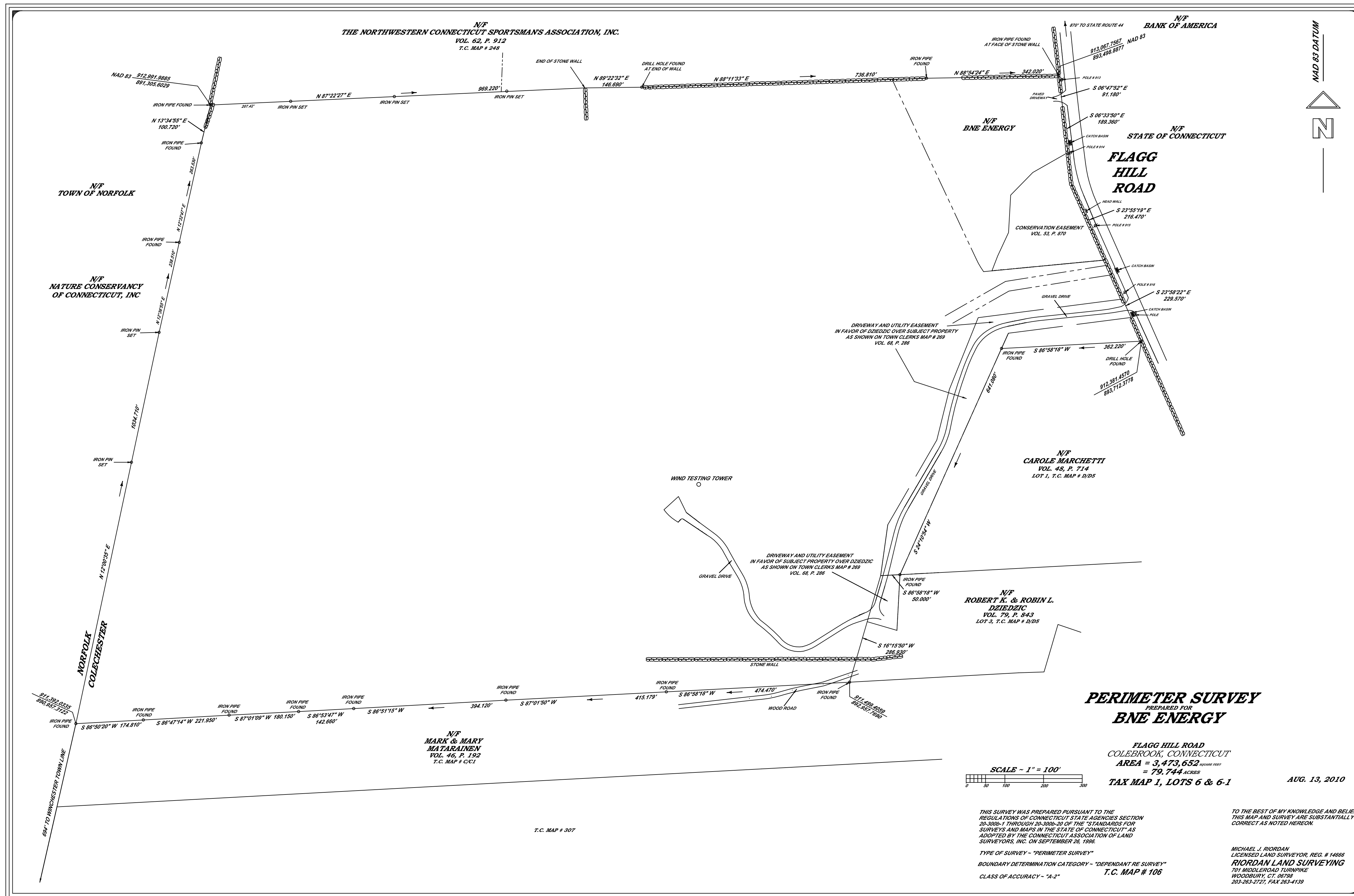
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B

A



BNE Energy Inc.
 Producer of green clean energy



MARK	DESCRIPTION	DATE	APPR.
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2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
CHKD BY:	TLC
SUBMITTED BY:	BNE ENERGY
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ZAPATA
 6502 LAWREN ROAD, SUITE 200, COLEBROOK, CT 06230
 PHONE: (203) 356-8540
 FAX: (203) 356-8541
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH CONNECTICUT
 ABUTTERS MAP

SHEET IDENTIFICATION
C-001

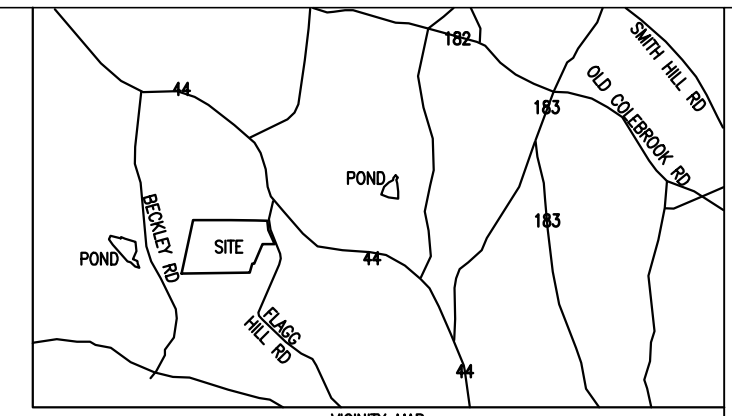
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LAYOUT AND MATERIALS NOTES

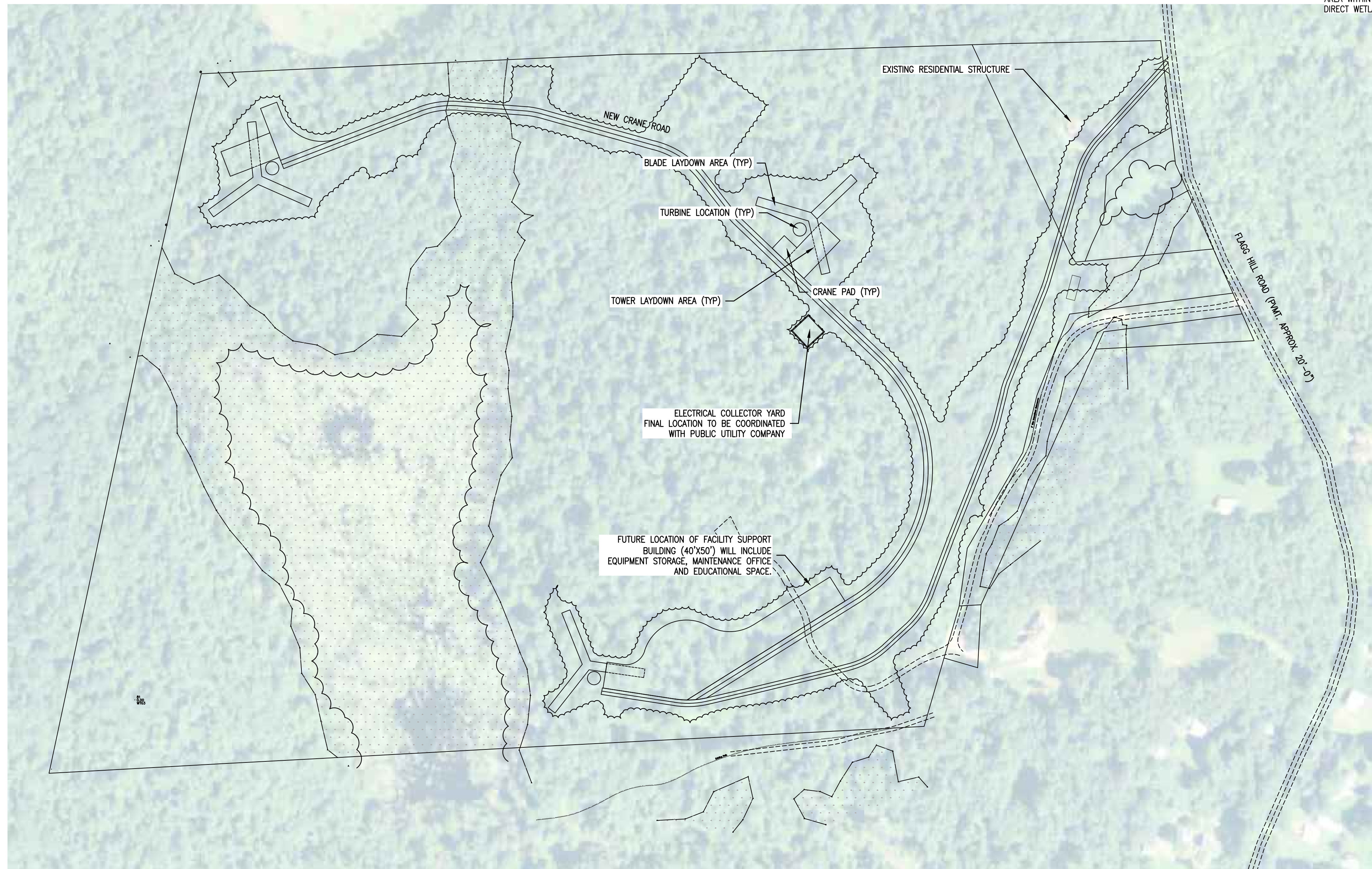
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VICINITY MAP

Symbol	Description
[Dashed line symbol]	DITCH LINE
[Long dashed line symbol]	PROJECT BOUNDARY LINE
[Wavy line symbol]	EXISTING VEGETATION
[Dotted line symbol]	WETLAND LIMITS
[Stippled area symbol]	WETLANDS
[Cross-hatched area symbol]	GRAVEL

AREA TO BE CLEARED: 622711 SQ FT / 14.30 ACRES
 AREA WITHIN 100' WETLAND BUFFER: 66853 SQ FT / 1.55 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4722 SQ. FT.



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SUBMITTED BY:	
BNE ENERGY	
PLOT SCALE:	FILE NUMBER:
AS SHOWN	03-14-11
1:385	
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ANSI D	

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

WIND COLEBROOK SOUTH
 CONNECTICUT
 SITE PLAN WITH AERIAL IMAGERY

SHEET IDENTIFICATION
C-002



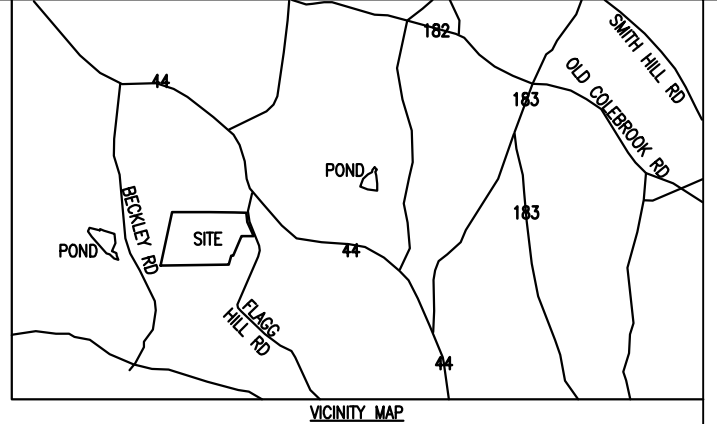
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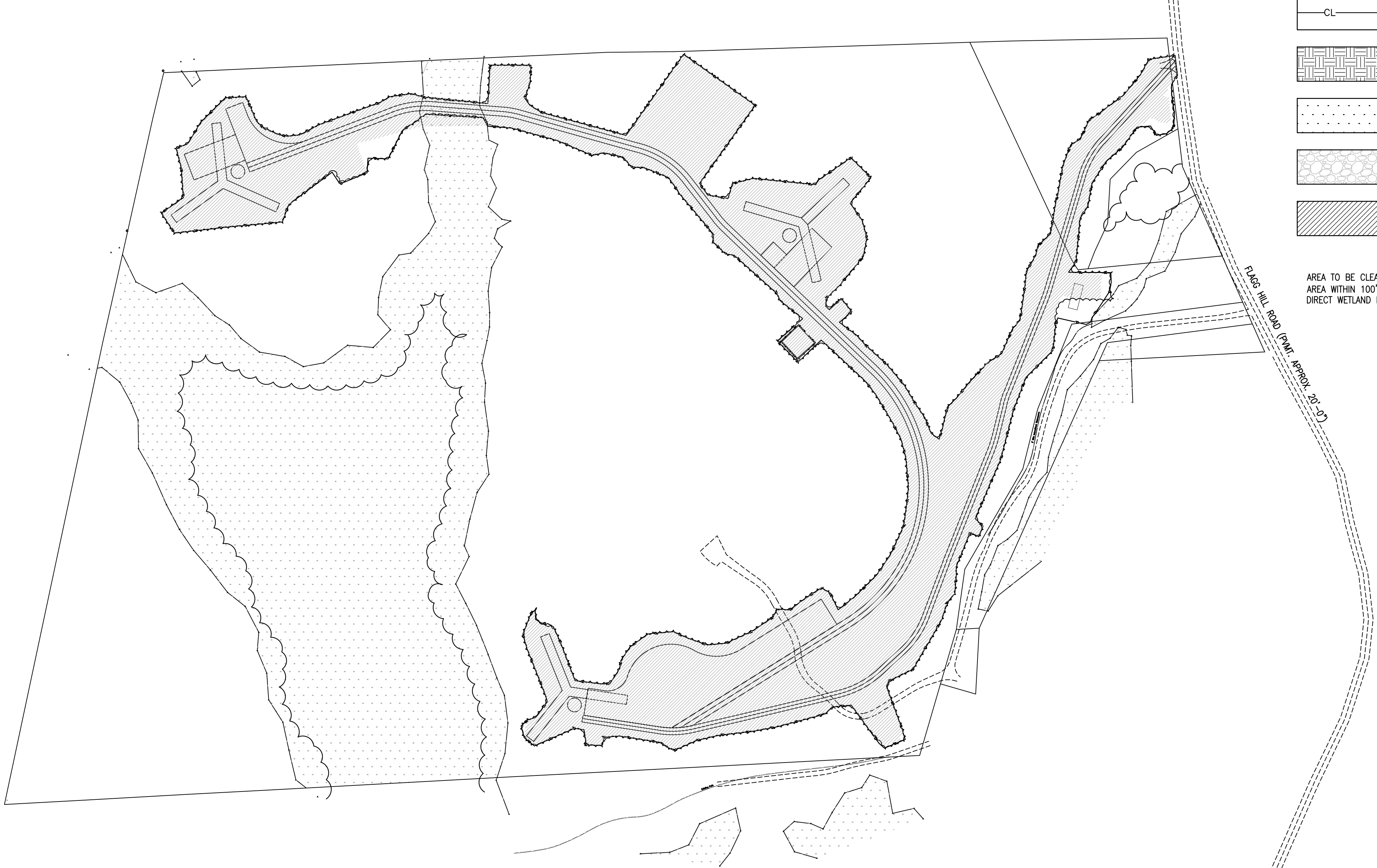
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LEGEND

- DITCH LINE
- PROJECT BOUNDARY LINE
- EXISTING VEGETATION
- WETLAND LIMITS
- POST CONSTRUCTION VEGETATION LINE
- CLEARING LIMITS
- COMPACTED FILL
- WETLANDS
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ZAPATA
 6502 LAWRENCE ROAD
 800 PHONE: (704) 356-8040
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WIND COLEBROOK SOUTH
 CONNECTICUT
 CLEARING LIMITS PLAN

SHEET IDENTIFICATION
C-003



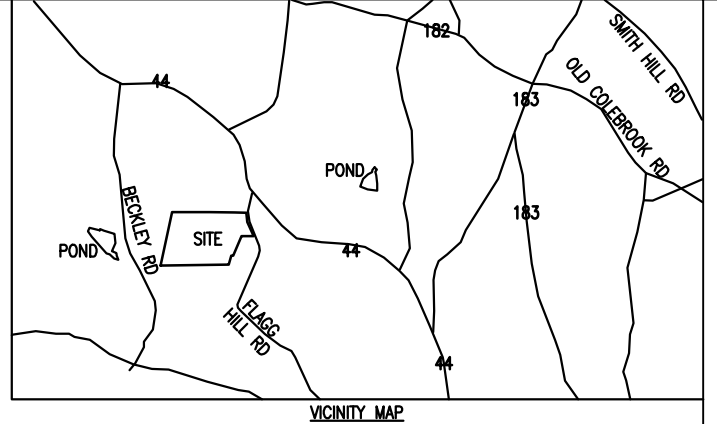
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- SOLID WASTES (EXCLUDING CLEARING DEBRIS) SHALL BE PLACED IN CONTAINERS WHICH ARE EMPTIED ON A REGULAR SCHEDULE. HANDLING, STORAGE, AND DISPOSAL SHALL BE CONDUCTED TO PREVENT CONTAMINATION. SEGREGATION MEASURES SHALL BE EMPLOYED SO THAT NO HAZARDOUS 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

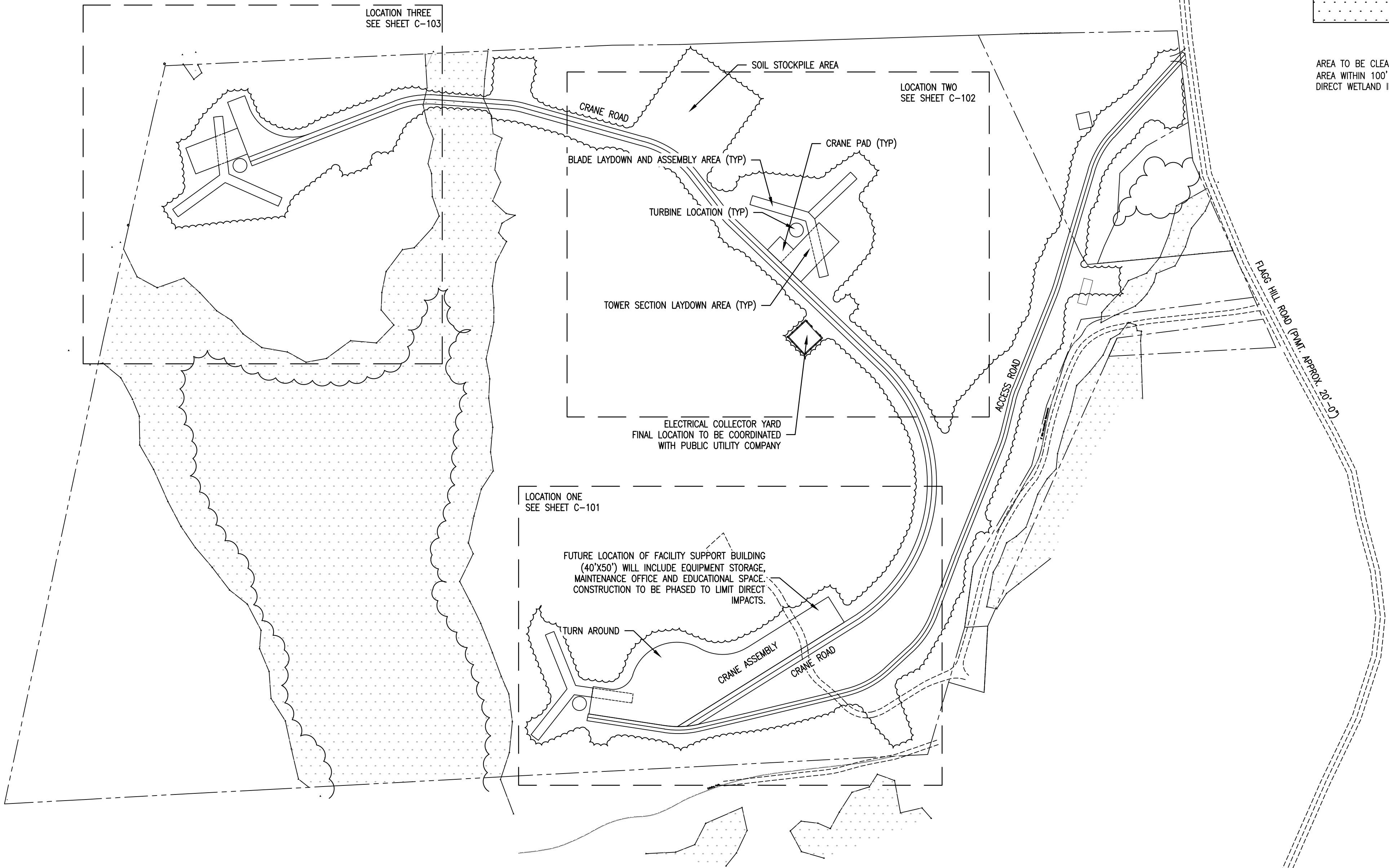
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS AND EXISTING GROUND ELEVATIONS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE 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
- WETLANDS

AREA TO BE CLEARED: 622711 SQ FT / 14.30 ACRES
 AREA WITHIN 100' WETLAND BUFFER: 66853 SQ FT / 1.55 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4722 SQ. FT.



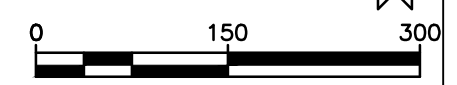
MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
RSW	
CHK BY:	
TLC	
SUBMITTED BY:	
BNE ENERGY	
FILE NUMBER:	
PLOT SCALE:	
AS SHOWN	
03-14-11	
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ZAPATA
 6502 LAWRENCE ROAD
 600 PHONE (704) 356-8540
 10000 WINDY HILL DRIVE
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WIND COLEBROOK SOUTH
 CONNECTICUT
 OVERALL SITE PLAN

SHEET
 IDENTIFICATION
C-100



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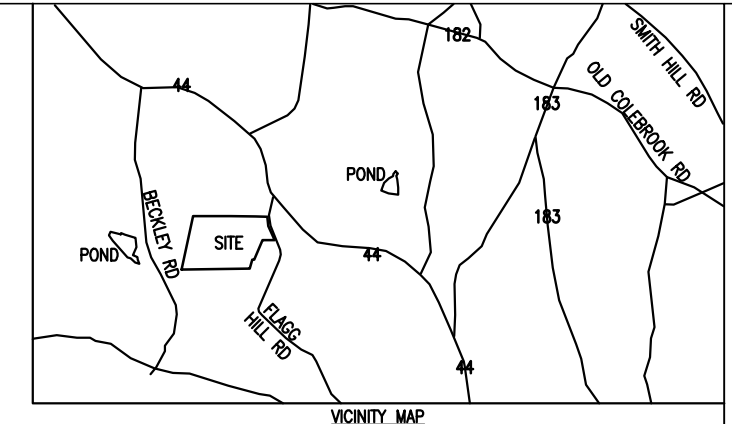
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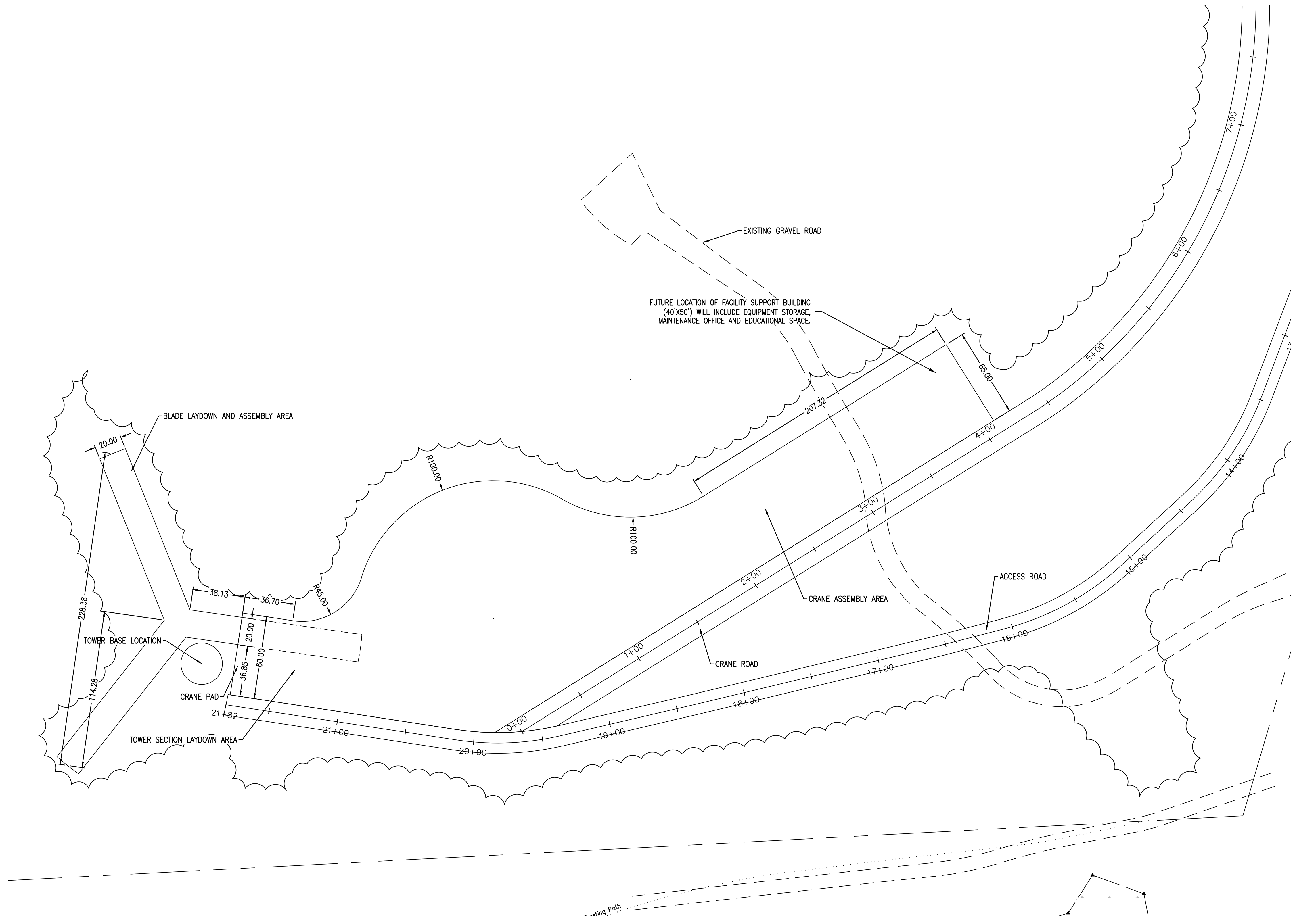
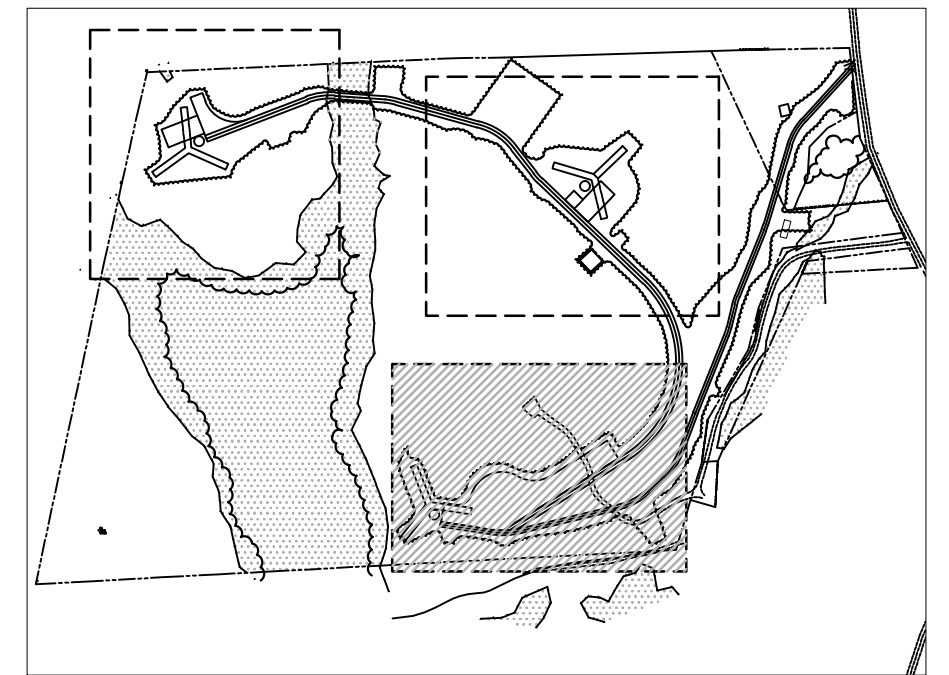
BNE Energy Inc.
 Producer of green clean energy



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.



MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
RSW	
CHK BY:	
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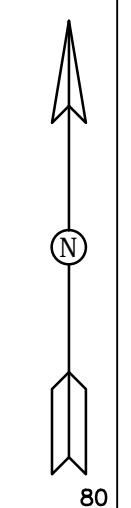
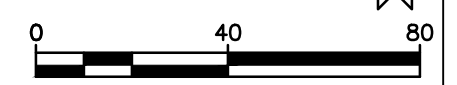
ZAPATA
 ENGINEERING & ARCHITECTURE

6502 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 203-325-8800 FAX: 203-325-8801
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT

TURBINE LOCATION ONE AND
 CRANE ASSEMBLY AREA SITE PLAN

SHEET
 IDENTIFICATION
C-101



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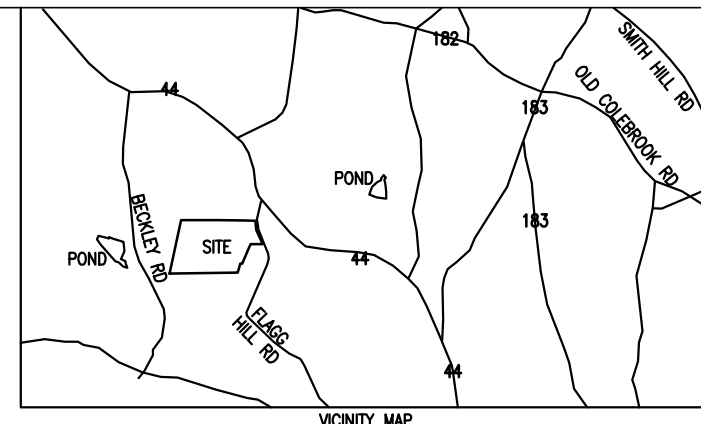
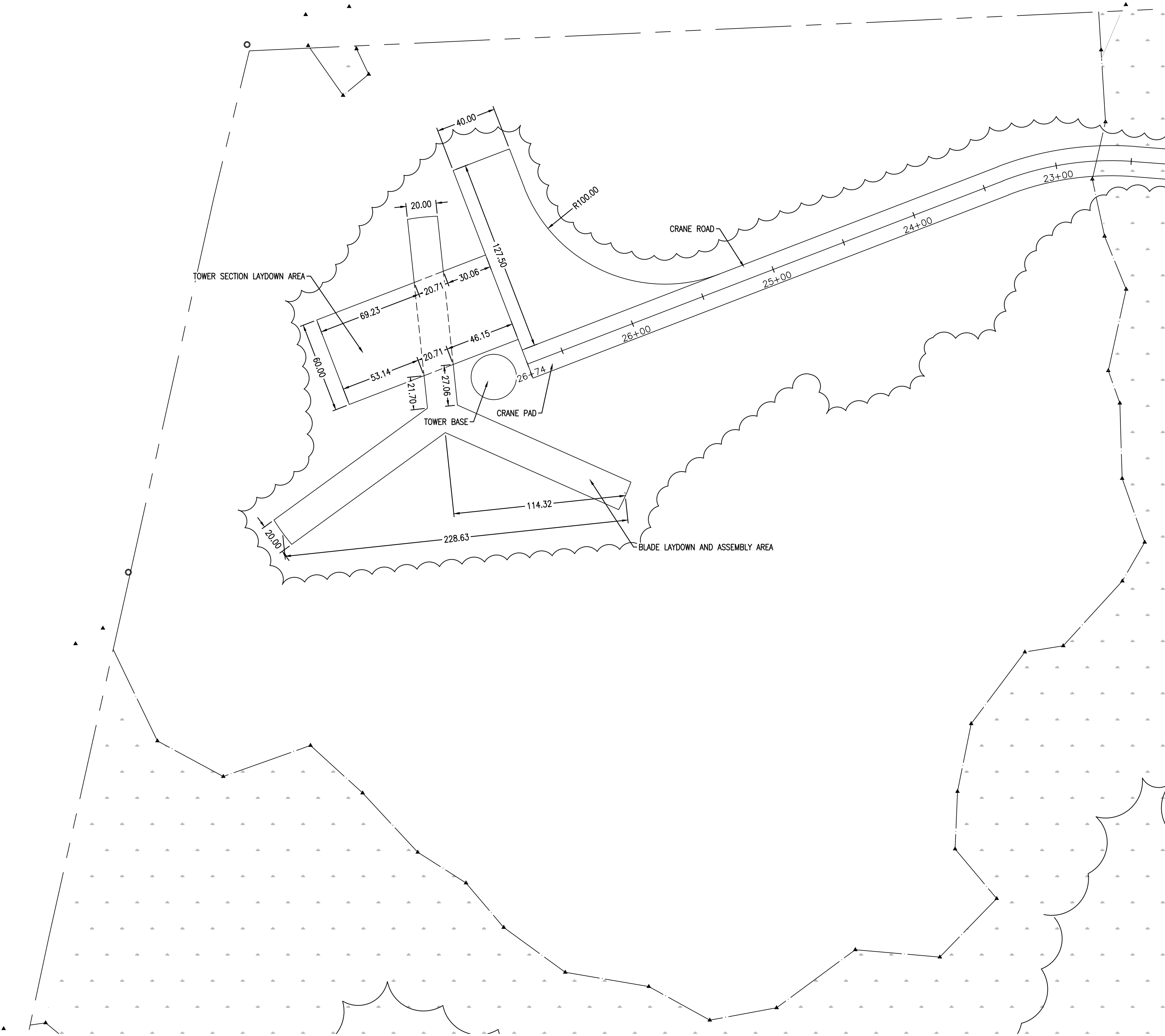
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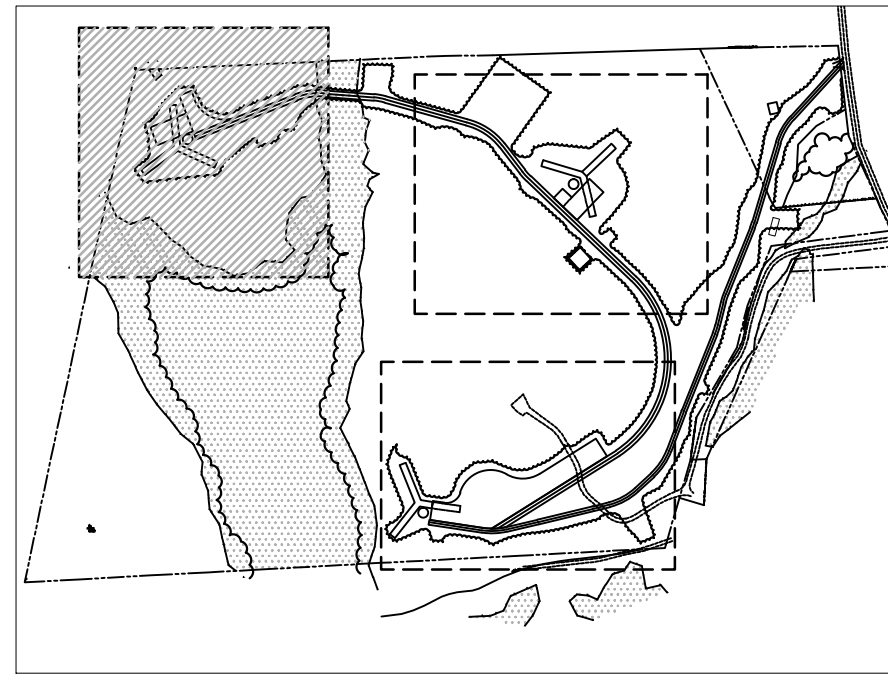
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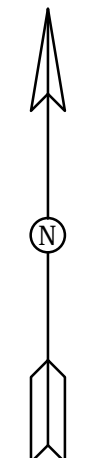
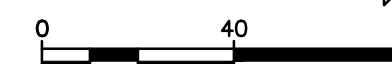
LEGEND

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

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KEYPLAN



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC

DESIGNED BY:	DATE:
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 TEL: 860.386.8240
 FAX: 860.386.8241
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE SITE PLAN

SHEET
 IDENTIFICATION
C-103

BNE Energy Inc.
 Producer of green clean energy



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:

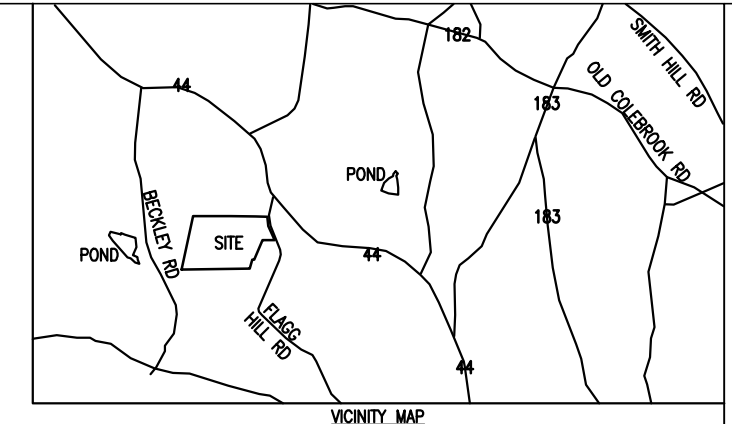
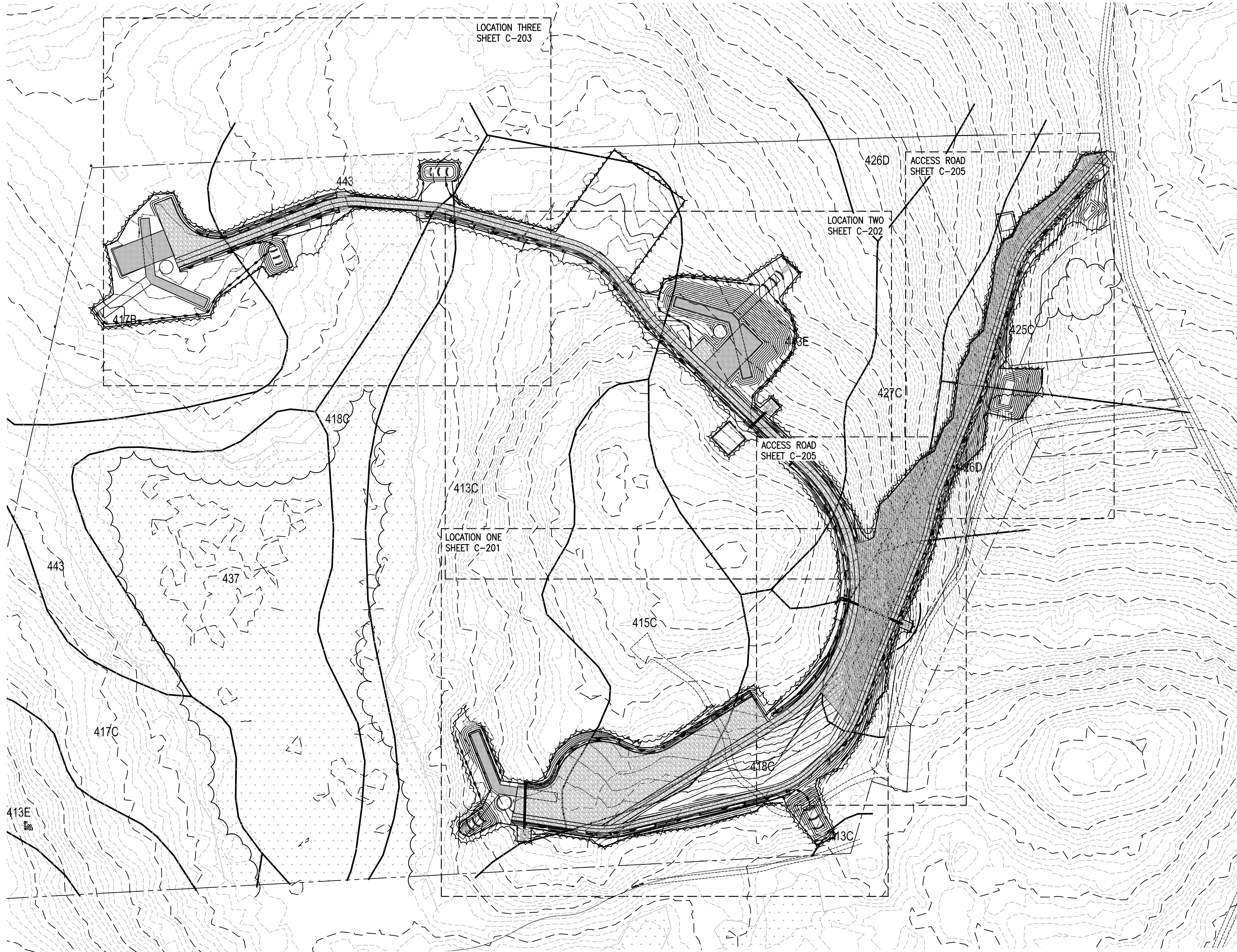
1. TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, CLEARING, GRADING, OR CONSTRUCTION, AND NOT REMOVED UNTIL AFTER FINAL INSPECTION BY URBAN FORESTRY STAFF.
2. NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, BURIAL PITS, TRENCHING OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN TREE 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.



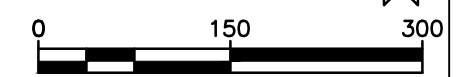
LEGEND

	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
		STONE CHECK DAM
	FLOW	FLOW ARROW
	TS	TEMPORARY SEEDING
	TST	TEMPORARY SEDIMENT TRAP
	PS	PERMANENT SEEDING
		CATCH BASIN
		COMPACTED EARTH
		GRAVEL

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
413C	Bice-Milite complex, 3 to 15 percent slopes, very rocky	20.1	22.0%
413E	Bice-Milite complex, 15 to 45 percent slopes, very rocky	14.5	15.8%
415C	Westminster-Milite-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	Schoon 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	2.6	2.9%
427C	Averfield fine sandy loam, 8 to 15 percent slopes, very stony	4.6	5.0%
437	Worswack mucky peat	9.1	9.9%
443	Brayton-Loommeadow complex, extremely stony	9.5	10.4%
Totals for Area of Interest		91.8	100.0%

AREA TO BE CLEARED: 622711 SQ FT / 14.30 ACRES
 AREA WITHIN 100' WETLAND BUFFER: 66853 SQ FT / 1.55 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4722 SQ. FT.



DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHECKED BY:	TJK
SUBMITTED BY:	INCORPORATED REQUESTED REVISIONS:	03-14-11
PLOT SCALE:	CONNECTICUT SITING COUNCIL SUBMISSION:	11-19-10
AS SHOWN:	FILE NUMBER:	1385
FILE NAME:	DESCRIPTION:	
ANSI D	DATE:	APPR.

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 WIND COLEBROOK, CT 06207
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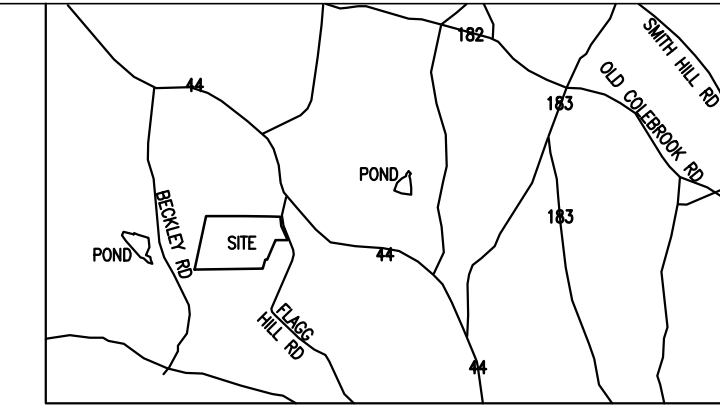
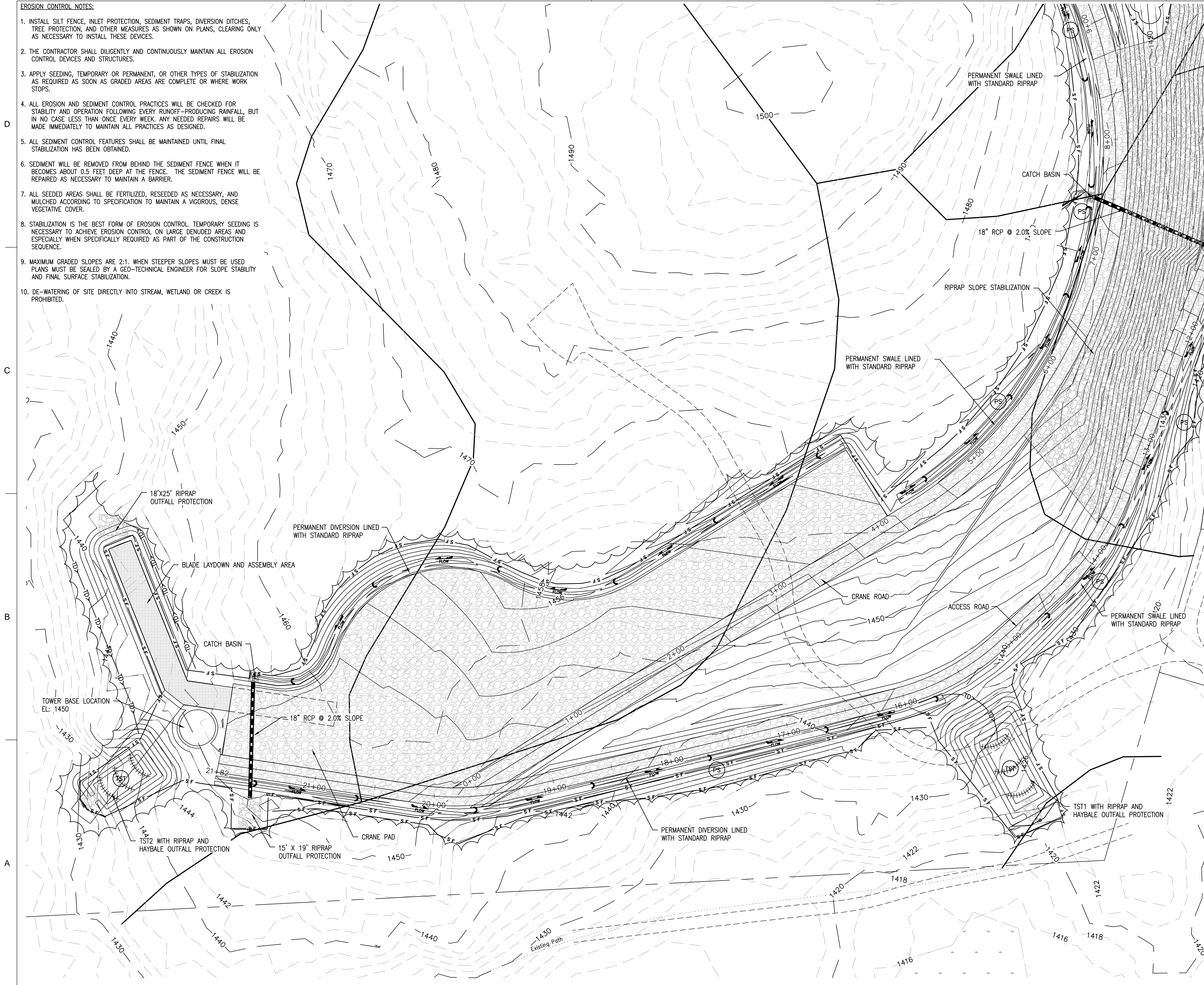
ZAPATA
 Environmental Solutions

WIND COLEBROOK SOUTH
 CONNECTICUT
 OVERALL EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
 C-200

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.
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10. DE-WATERING OF SITE DIRECTLY INTO STREAM, WETLAND OR CREEK IS PROHIBITED.



LEGEND

	SOIL TYPE BOUNDARY
	TEMPORARY DIVERSION DITCH
	SILT FENCE
	TREE PROTECTION FENCE
	STRAW HAY BALES
	CULVERT PIPE/SLOPE DRAIN
	WETLAND LIMITS
	STONE CHECK DAM
	FLOW ARROW
	TEMPORARY SEEDING
	TEMPORARY SEDIMENT TRAP
	PERMANENT SEEDING
	CATCH BASIN
	COMPACTED EARTH
	GRAVEL

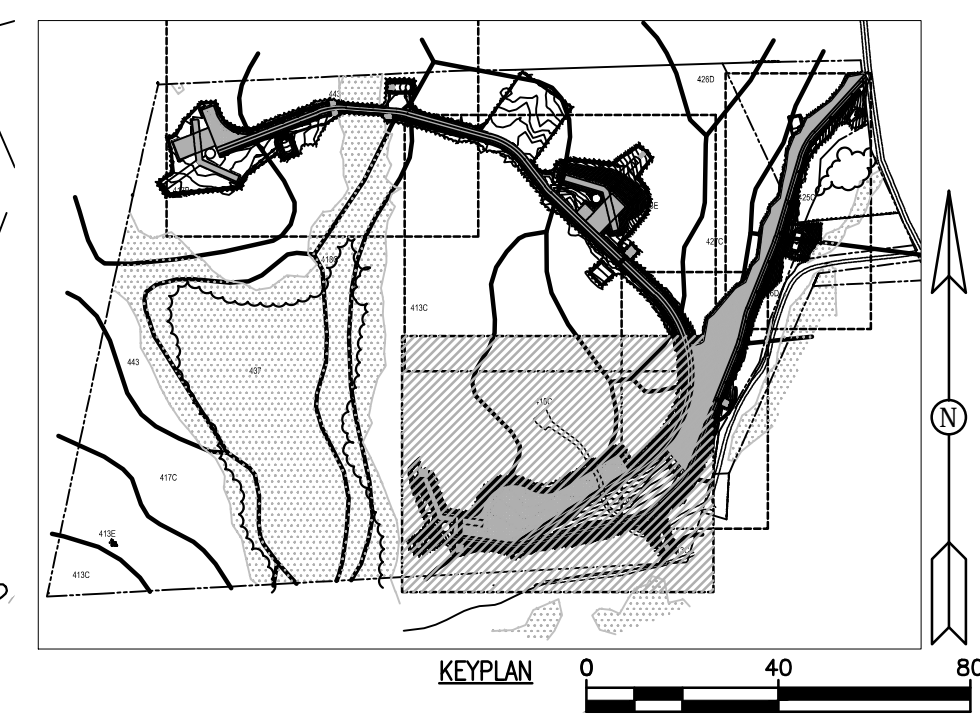
MARK	DESCRIPTION	DATE	APPR.
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DESIGNED BY:	DATE:	03-14-11
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RSW	TLC	
SUBMITTED BY:	BNE ENERGY	
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ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 396-8540
 FAX: (203) 396-8541
 WWW.ZAPATAINC.COM

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

SHEET IDENTIFICATION
C-201



EROSION CONTROL NOTES:

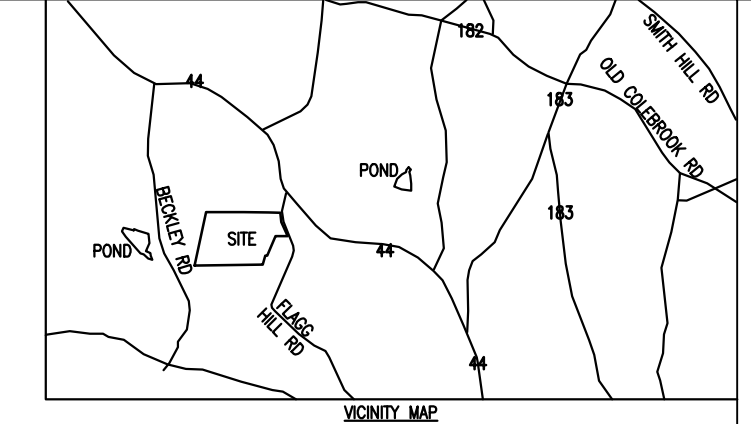
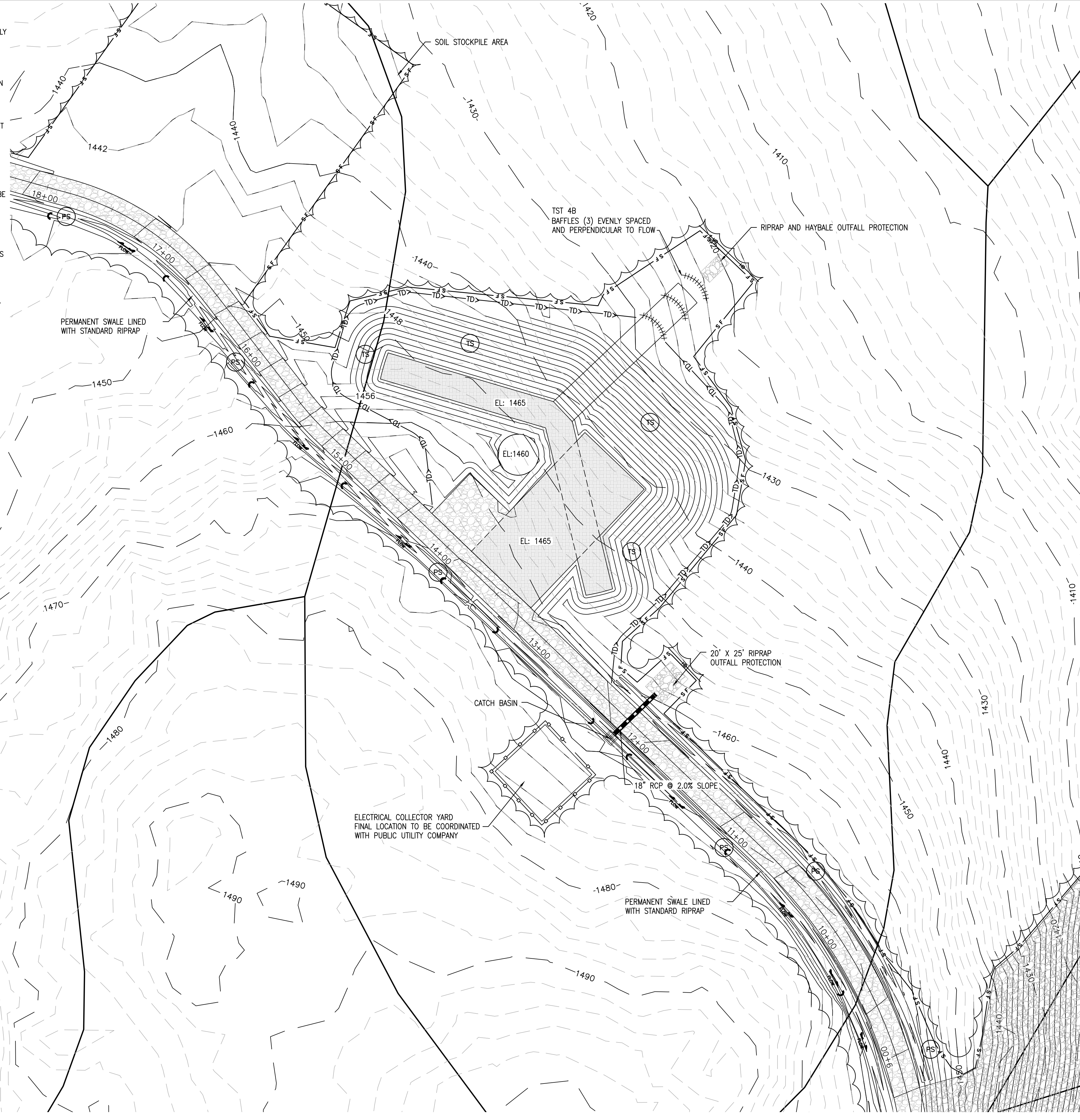
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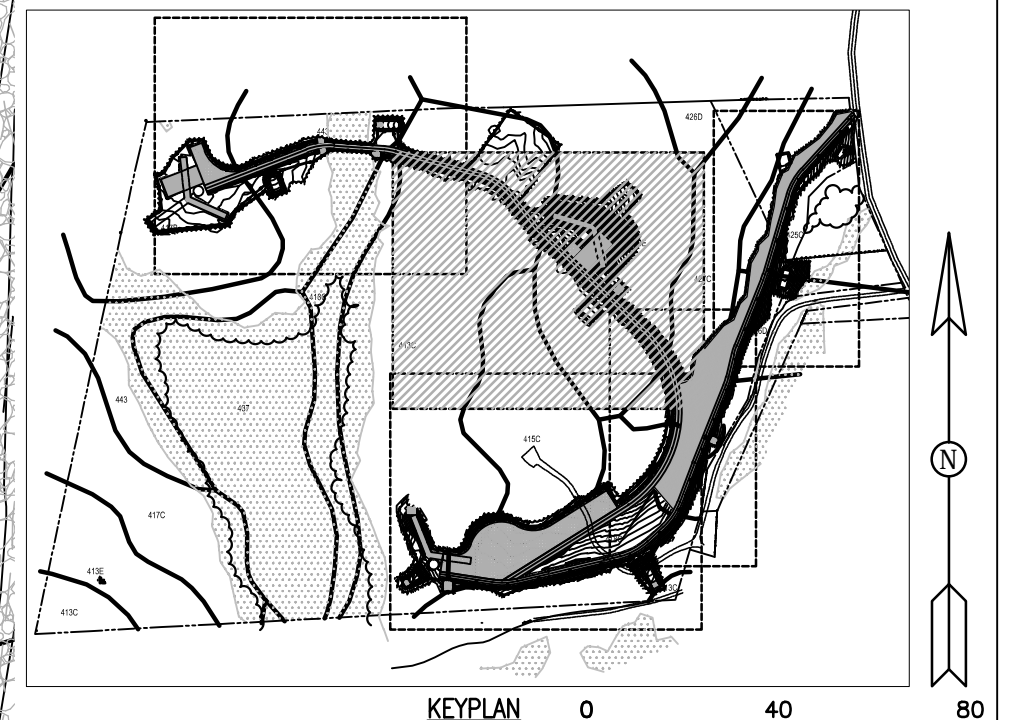
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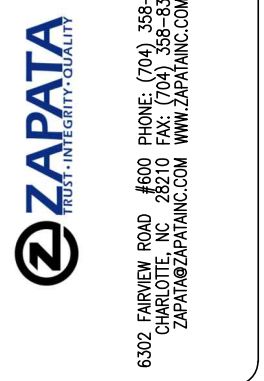
LEGEND

- 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
- STONE CHECK DAM
- FLOW FLOW ARROW
- TS TEMPORARY SEEDING
- TST TEMPORARY SEDIMENT TRAP
- PS PERMANENT SEEDING
- CATCH BASIN
- COMPACTED EARTH
- GRAVEL



MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	NLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC

DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHECK BY:	TLC
RSW	TLC	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	03-14-11
AS SHOWN	FILE NUMBER:	1385
SIZE:	FILE NAME:	
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WIND COLEBROOK SOUTH
CONNECTICUT
TURBINE LOCATION TWO
EROSION CONTROL PLAN

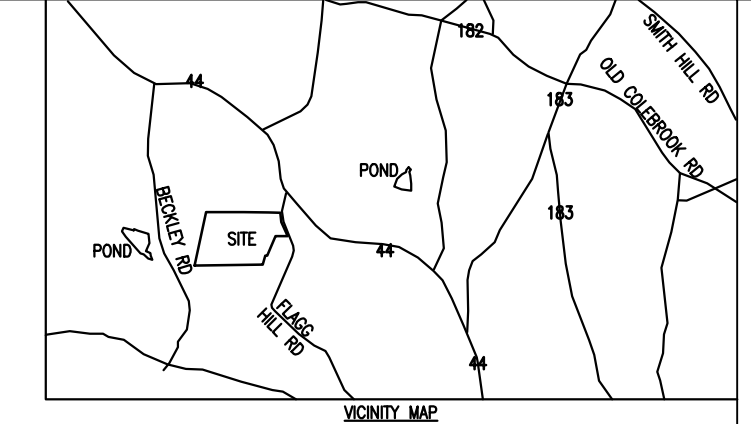
SHEET
IDENTIFICATION
C-202

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

Information does not constitute an offer of insurance.

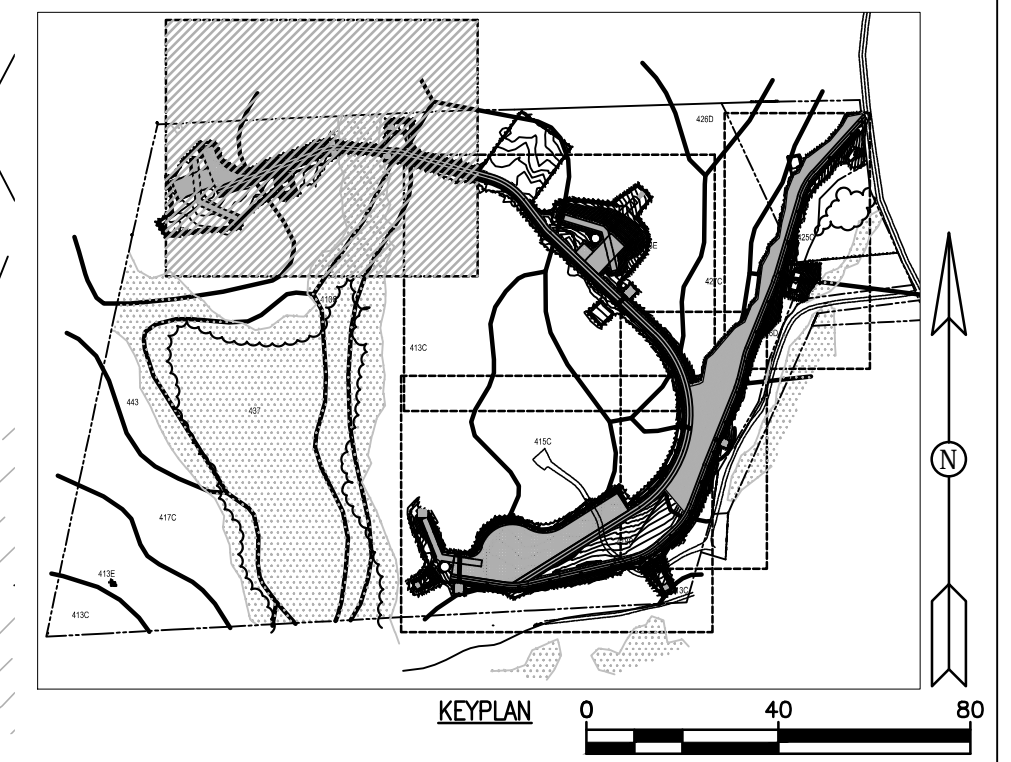
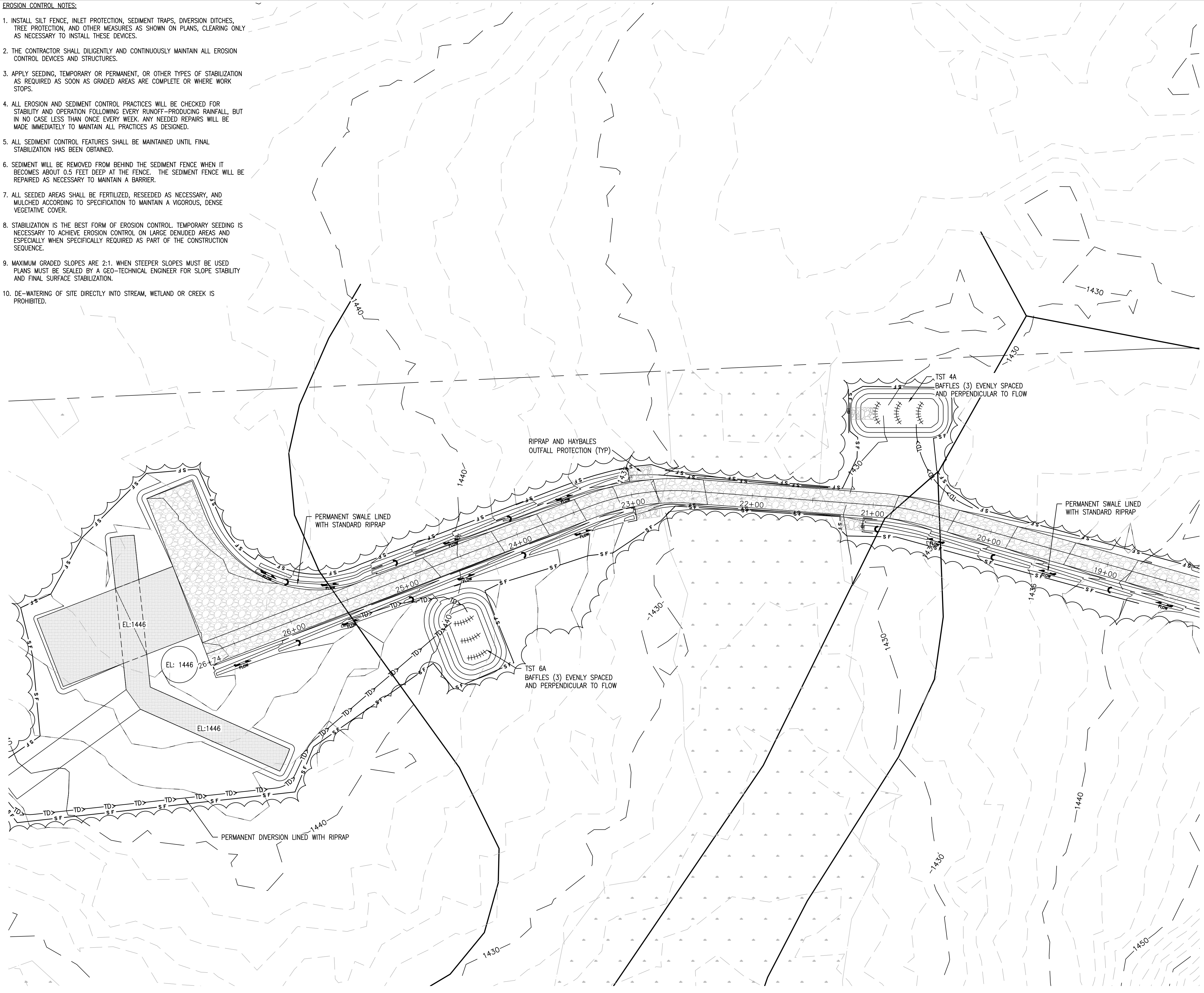
EROSION CONTROL NOTES:

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 SEEDING AREAS SHALL BE FERTILIZED, RESEED 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

[Symbol]	84C 84B	SOIL TYPE BOUNDARY
[Symbol]	TD	TEMPORARY DIVERSION DITCH
[Symbol]	S F	SILT FENCE
[Symbol]	TP	TREE PROTECTION FENCE
[Symbol]	HB	STRAW HAY BALES
[Symbol]		CULVERT PIPE/SLOPE DRAIN
[Symbol]		WETLAND LIMITS
[Symbol]		STONE CHECK DAM
[Symbol]	FLOW	FLOW ARROW
[Symbol]	TS	TEMPORARY SEEDING
[Symbol]	TST	TEMPORARY SEDIMENT TRAP
[Symbol]	PS	PERMANENT SEEDING
[Symbol]		CATCH BASIN
[Symbol]		COMPACTED EARTH
[Symbol]		GRAVEL



MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC

DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHKD BY:	TLC
RSW	TLC	
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	03-14-11
AS SHOWN	FILE NUMBER:	1385
FILE NAME:	FILE NAME:	
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ZAPATA
 6302 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 396-8940
 FAX: (203) 396-8941
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE
 EROSION CONTROL PLAN

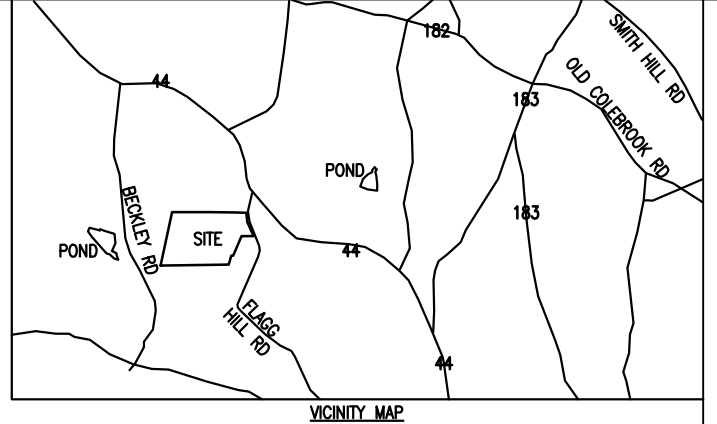
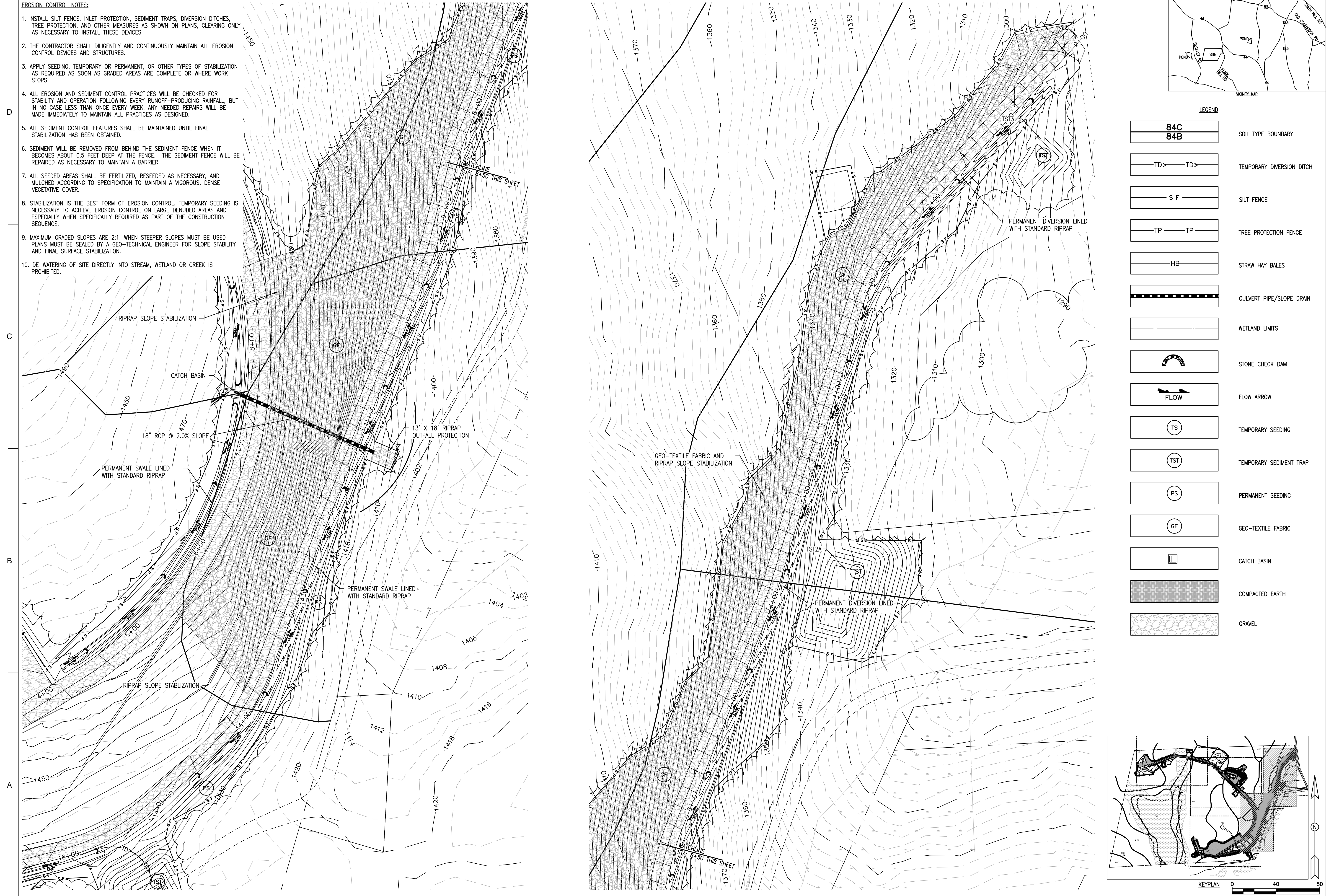
SHEET
 IDENTIFICATION
C-203



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

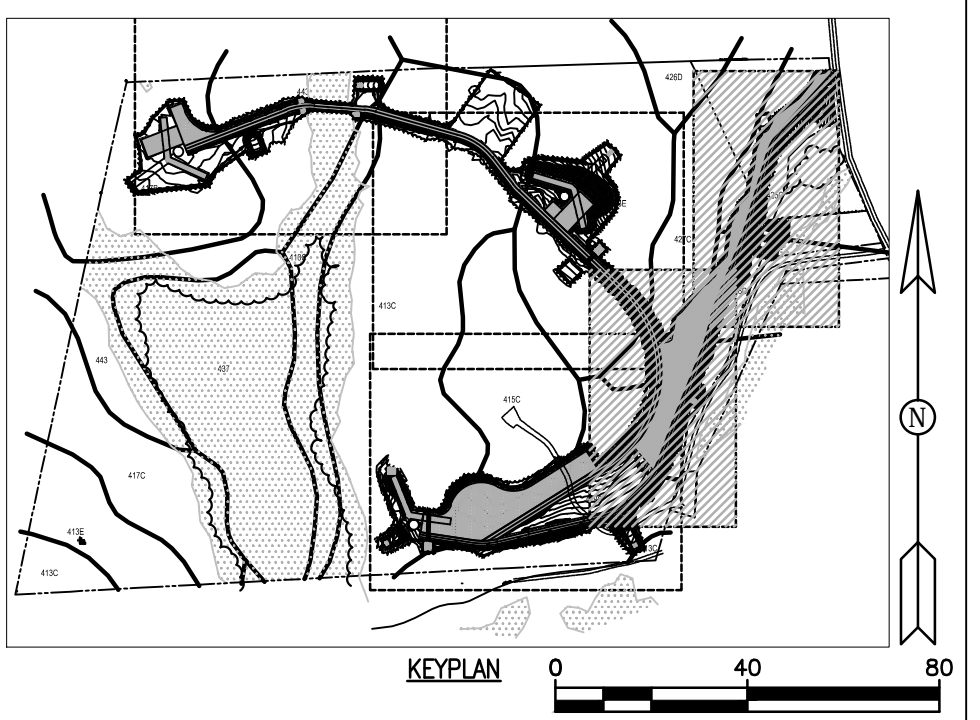
EROSION CONTROL NOTES:

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.



LEGEND

	84C 84B	SOIL TYPE BOUNDARY
	TD	TEMPORARY DIVERSION DITCH
	SF	SILT FENCE
	TP	TREE PROTECTION FENCE
	HB	STRAW HAY BALES
		CULVERT PIPE/SLOPE DRAIN
		WETLAND LIMITS
		STONE CHECK DAM
	FLOW	FLOW ARROW
	TS	TEMPORARY SEEDING
	TST	TEMPORARY SEDIMENT TRAP
	PS	PERMANENT SEEDING
	GF	GEO-TEXTILE FABRIC
		CATCH BASIN
		COMPACTED EARTH
		GRAVEL



MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC

DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHECKED BY:	TLC
SUBMITTED BY:	BNE ENERGY	
PLOT SCALE:	PLOT DATE:	03-14-11
AS SHOWN	FILE NUMBER:	1385
SIZE:	FILE NAME:	
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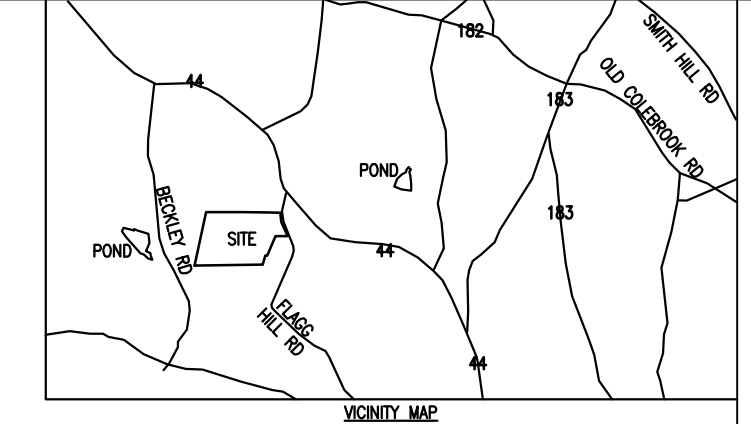
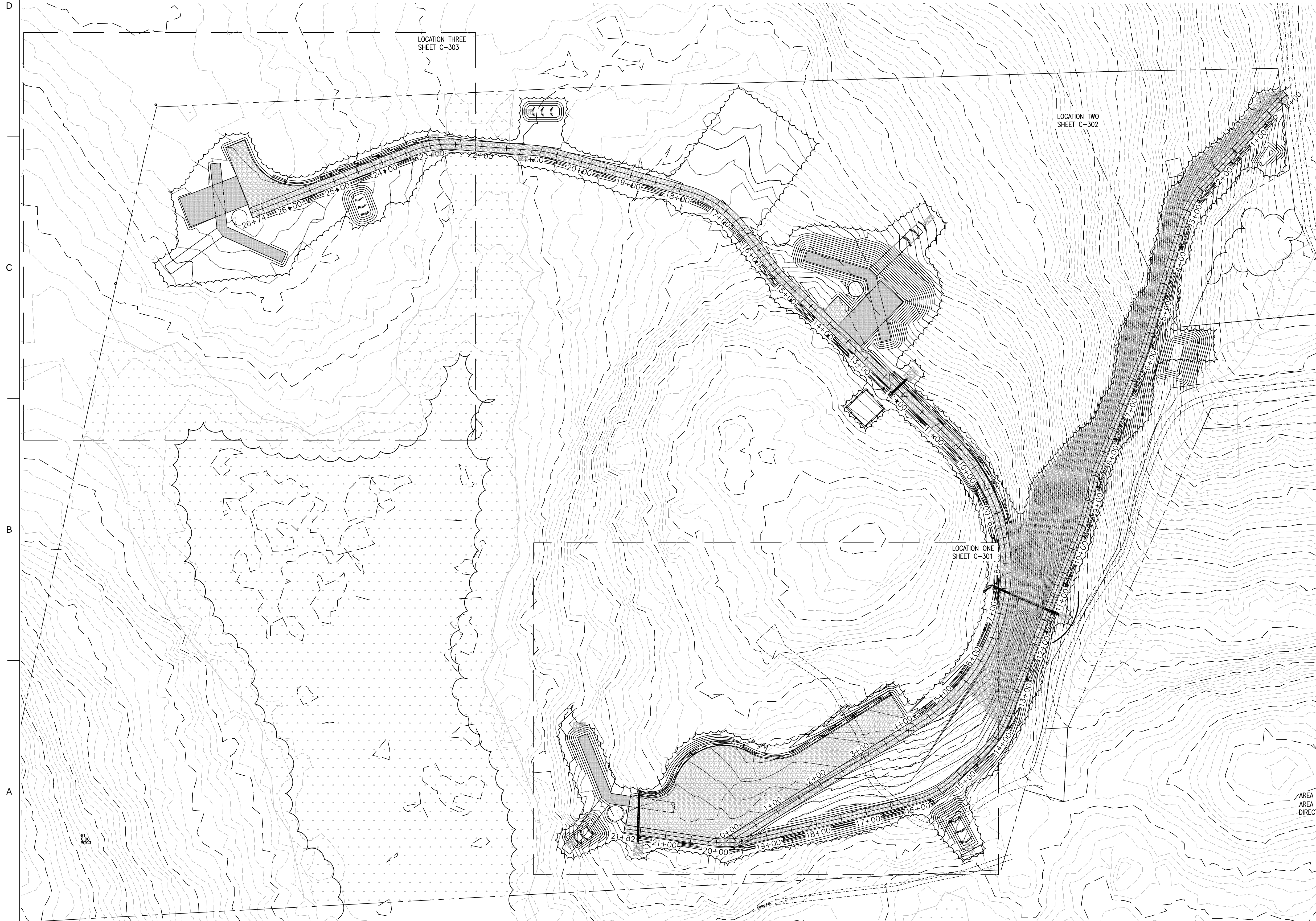
ZAPATA
 6502 LAWRENCE ROAD, SUITE 200, PHOENIX, ILL. 60438-2000
 ZAPATAZAPATA.COM WWW.ZAPATAZAPATA.COM

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

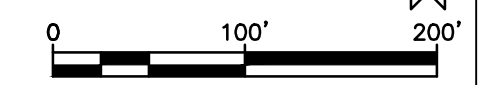


LEGEND

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

- 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.

AREA TO BE CLEARED: 622711 SQ FT / 14.30 ACRES
 AREA WITHIN 100' WETLAND BUFFER: 66853 SQ FT / 1.55 ACRES
 DIRECT WETLAND IMPACT NOT TO EXCEED 4722 SQ. FT.



MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MLC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
RSW	
CHKD BY:	TLC
TLK	
SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385
PLOT SCALE:	PLOT DATE:
AS SHOWN	03-14-11
SIZE:	FILE NAME:
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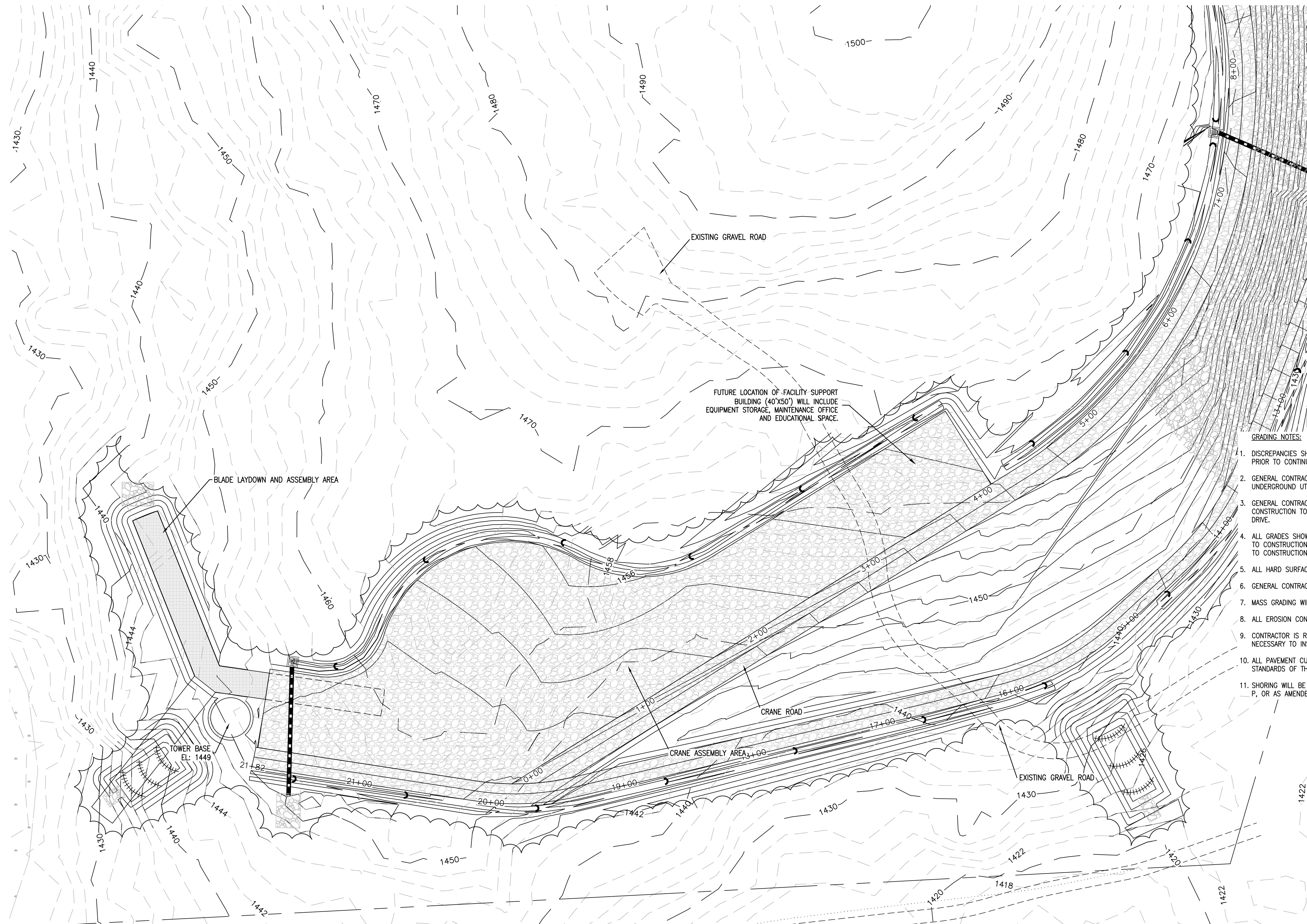
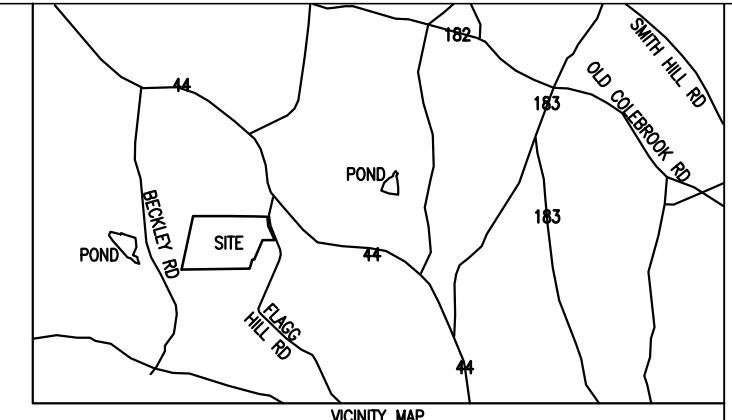
ZAPATA
 6502 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
 TEL: 860.439.8940
 FAX: 860.439.8941
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 OVERALL GRADING PLAN

SHEET
 IDENTIFICATION
C-300



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

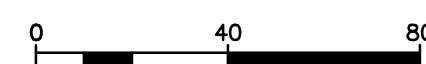
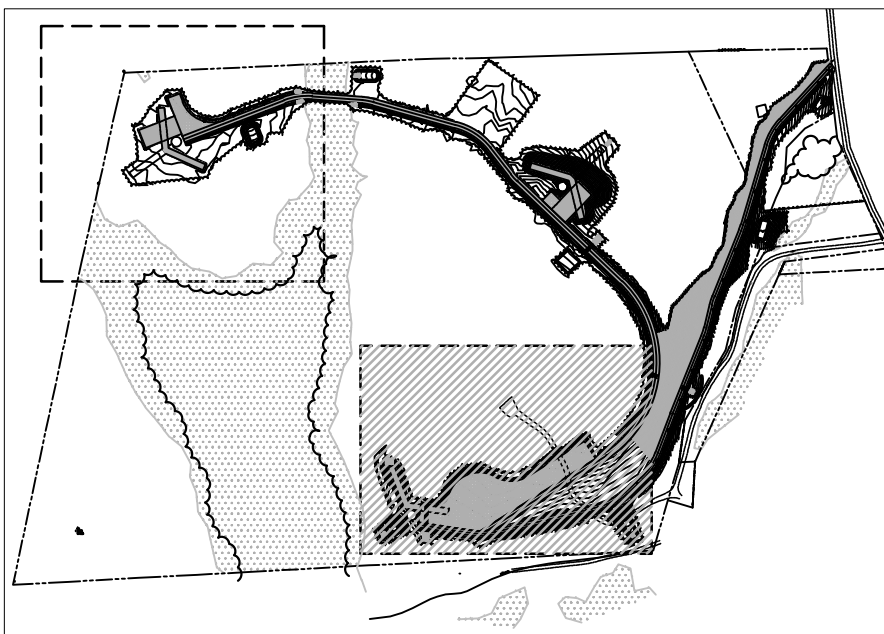


LEGEND

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

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



DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHKD BY:	TLK
RSW	TLK	
INTEGRATED REQUESTED REVISIONS	INCORPORATED	03-14-11
MARK	DESCRIPTION	DATE
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10
		TLK
		APPR.

DESIGNED BY:	DATE:	03-14-11
DRAWN BY:	CHKD BY:	TLK
RSW	TLK	
INTEGRATED REQUESTED REVISIONS	INCORPORATED	03-14-11
MARK	DESCRIPTION	DATE
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10
		TLK
		APPR.

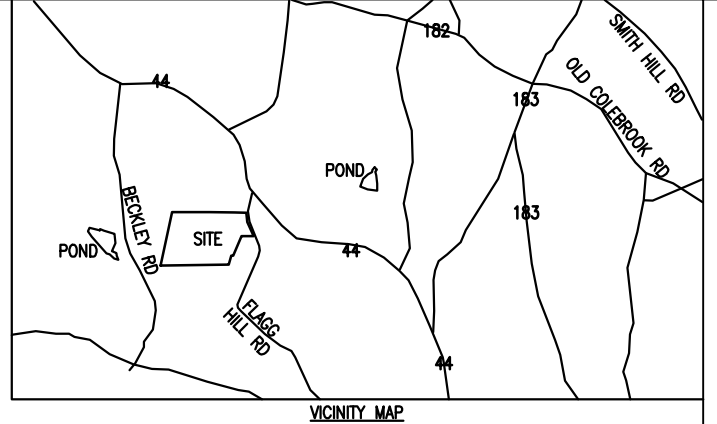
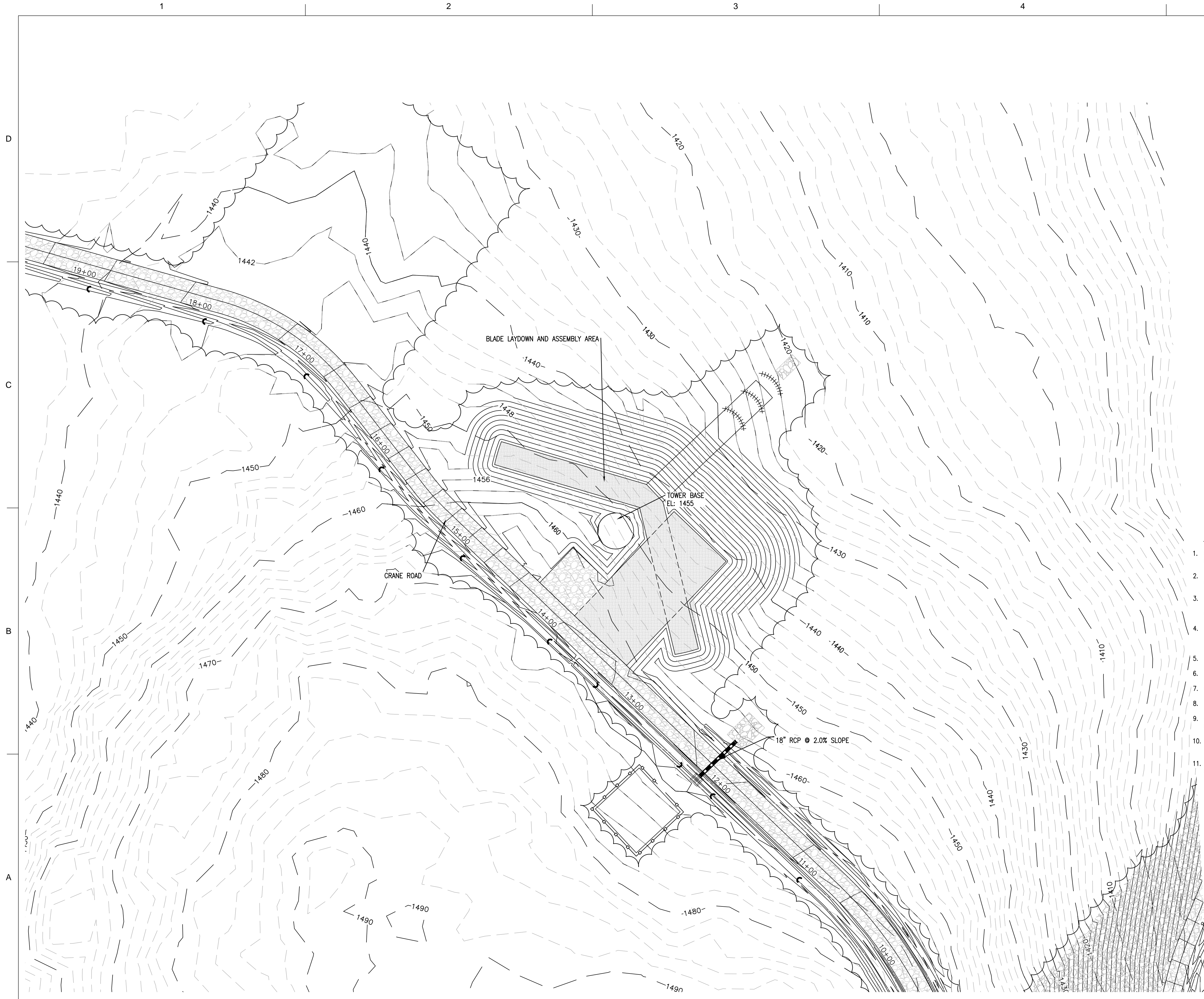
ZAPATA
 6502 LAWRENCE ROAD, SUITE 200, WINDHAM, MA 01096
 PHONE: (781) 356-8940
 FAX: (781) 356-8941
 WWW.ZAPATAINC.COM

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

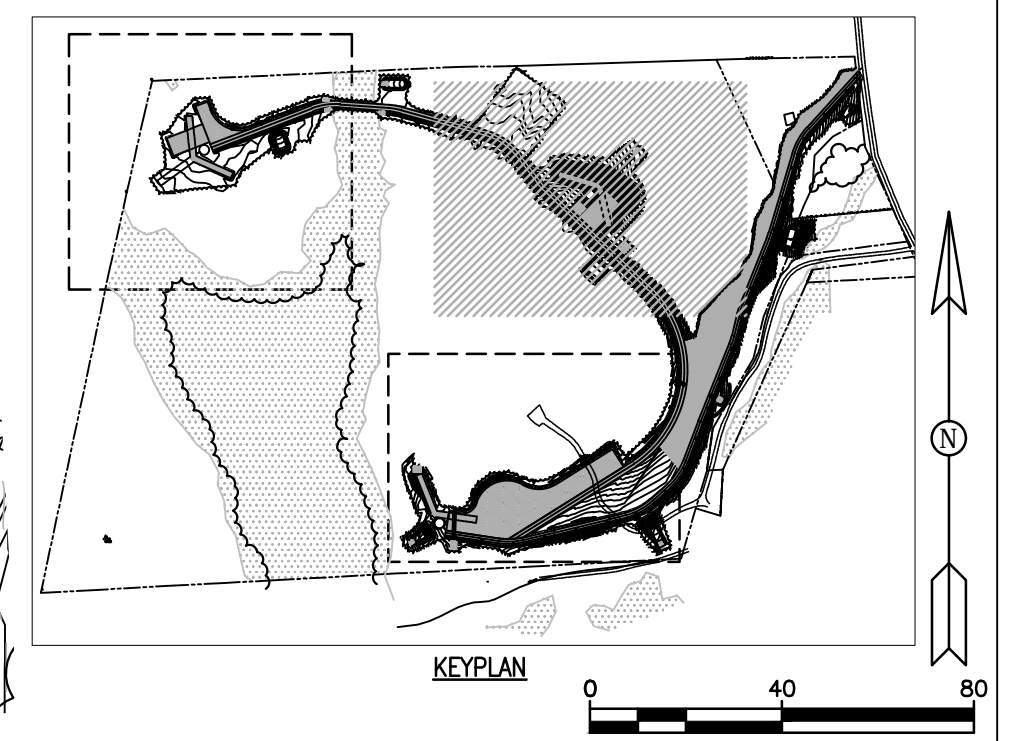


LEGEND

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

GRADING NOTES:

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MARK	DESCRIPTION	DATE	APPR.
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLC
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
RSW	
CHKD BY:	TLC
TLK	
SUBMITTED BY:	FILE NUMBER:
BNE ENERGY	1385
PLOT SCALE:	AS SHOWN
FILE NAME:	
ANSI D	

ZAPATA
 6502 LAWREN ROAD, 4500 PHONE: (704) 356-8940
 ZAPATAENGINEERING.COM WWW.ZAPATAENGINEERING.COM

WIND COLEBROOK SOUTH CONNECTICUT
 TURBINE LOCATION TWO GRADING PLAN

SHEET IDENTIFICATION
C-302



1

2

3

4

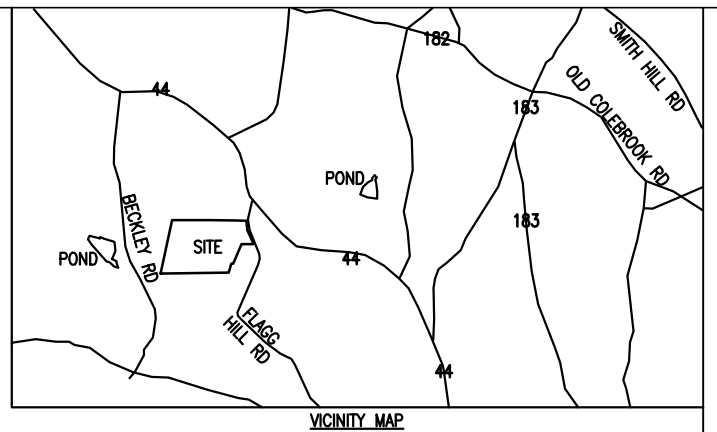
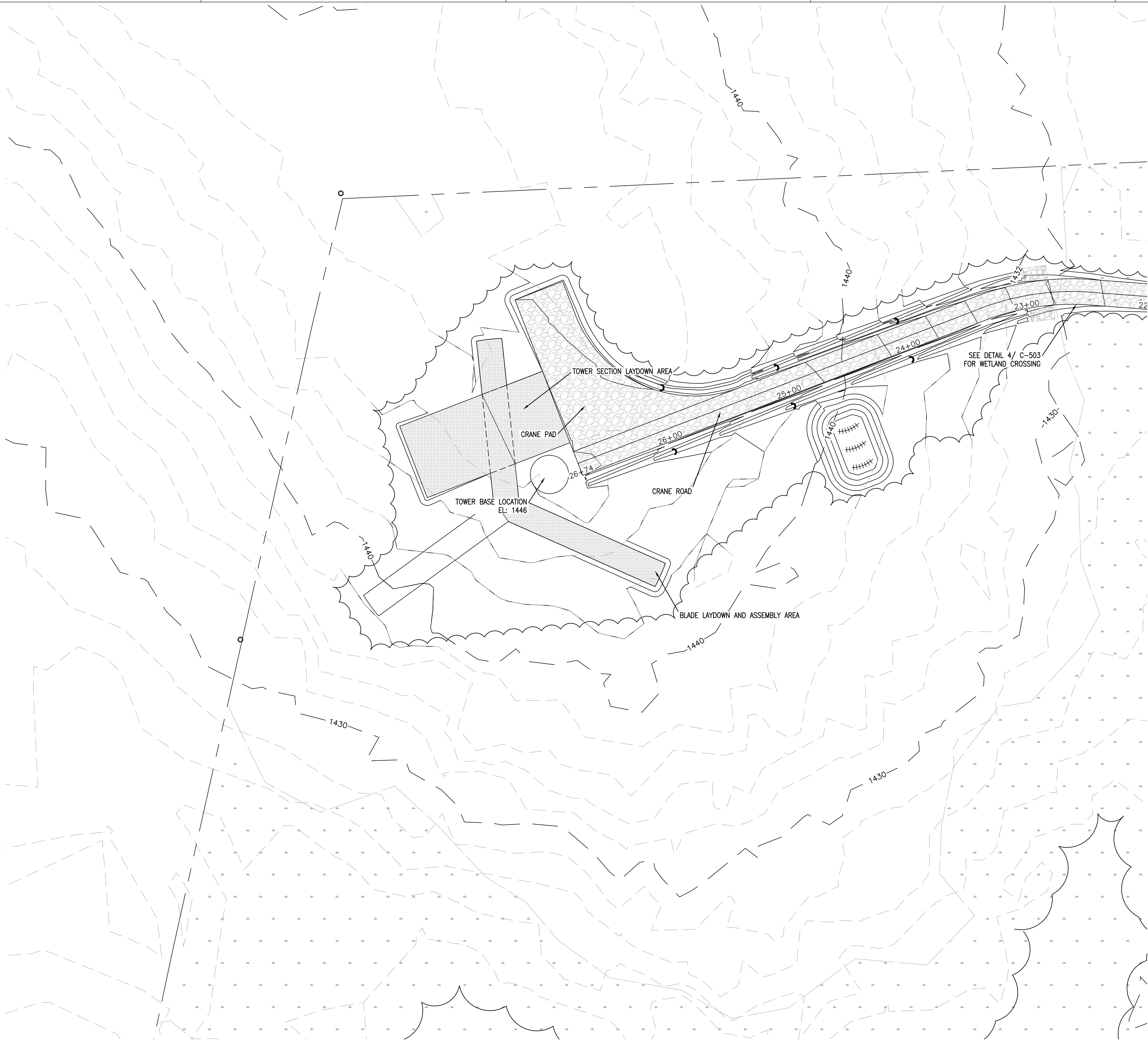
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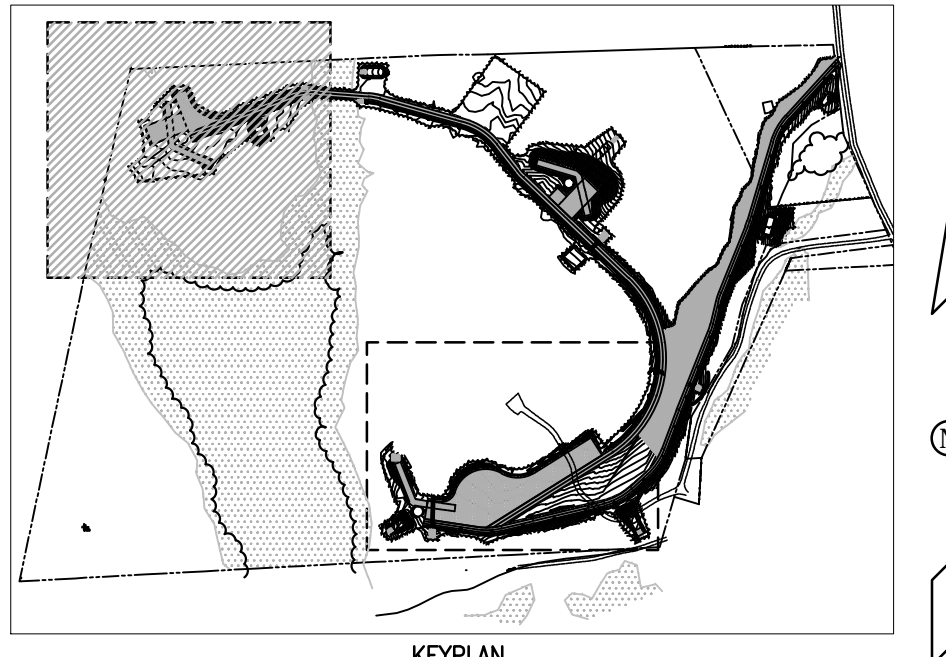


LEGEND

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

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MARK	DESCRIPTION	DATE	APPR.
2	INCORPORATED REQUESTED REVISIONS	03-14-11	MJC
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-19-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	03-14-11
RSW	
TLK	
FILE NUMBER:	
1385	
FILE NAME:	
ANSI D	

ZAPATA
 6502 LAWRENCE ROAD, SUITE 100A, WESTPORT, CT 06880
 TEL: 860.339.8940
 FAX: 860.339.8941
 WWW.ZAPATAINC.COM

WIND COLEBROOK SOUTH
 CONNECTICUT
 TURBINE LOCATION THREE GRADING PLAN

SHEET
 IDENTIFICATION
C-303



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY