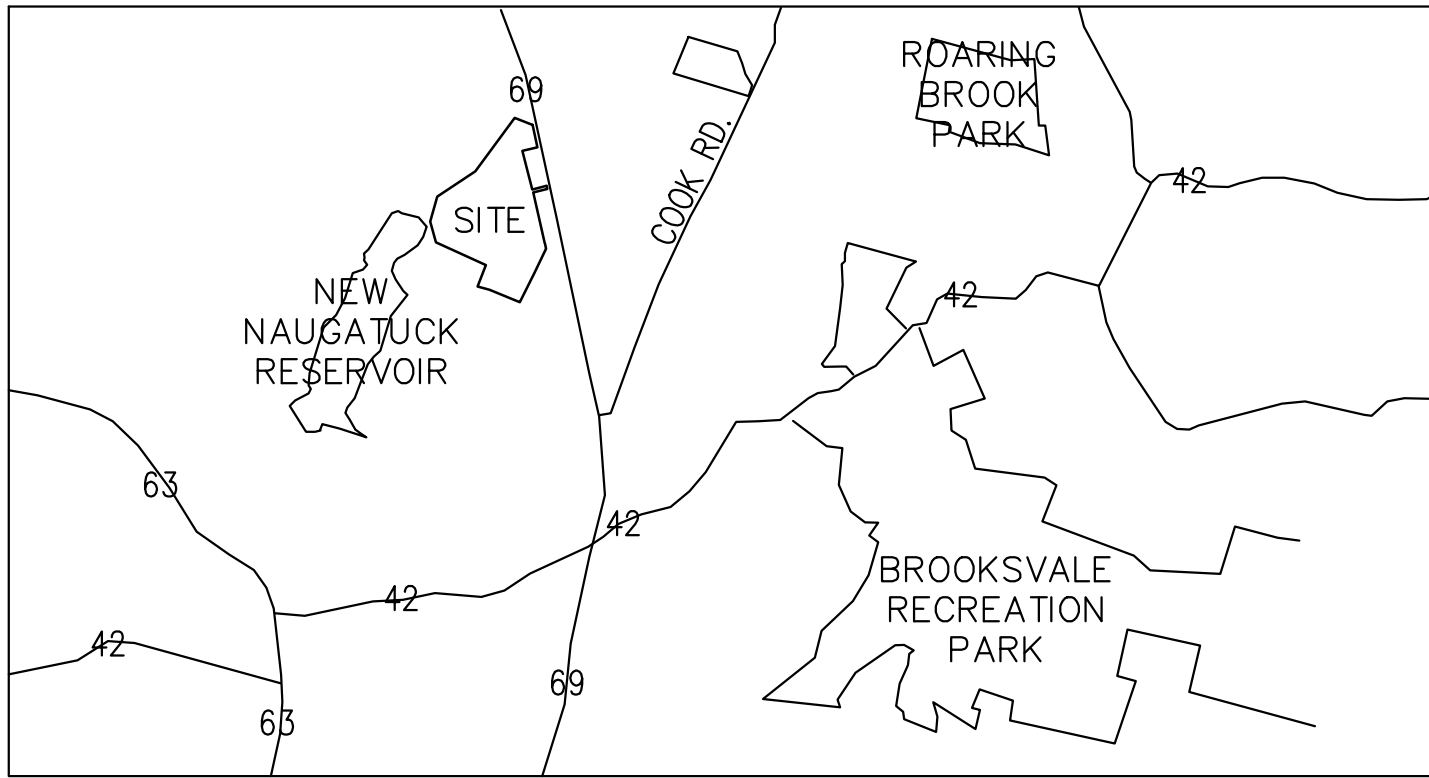
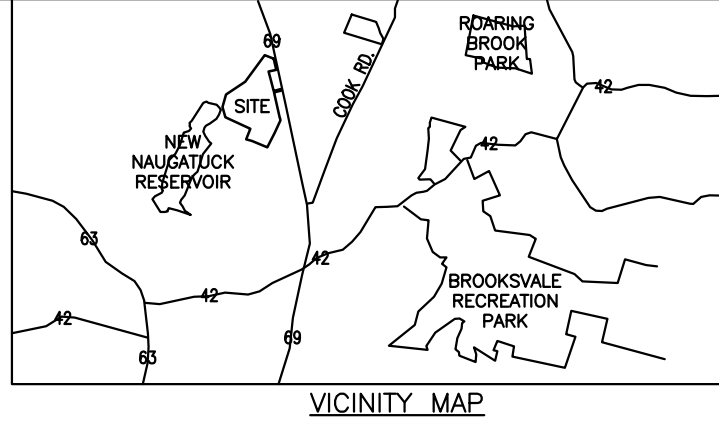


WIND PROSPECT

178 NEW HAVEN ROAD PROSPECT, CONNECTICUT



VICINITY MAP



VICINITY MAP

INDEX OF DRAWINGS

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6	C-101 TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA SITE PLAN
7	C-102 TURBINE LOCATION TWO SITE PLAN
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9	C-201 TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA EROSION CONTROL PLAN
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CONNECTICUT SITING COUNCIL SUBMISSION

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



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

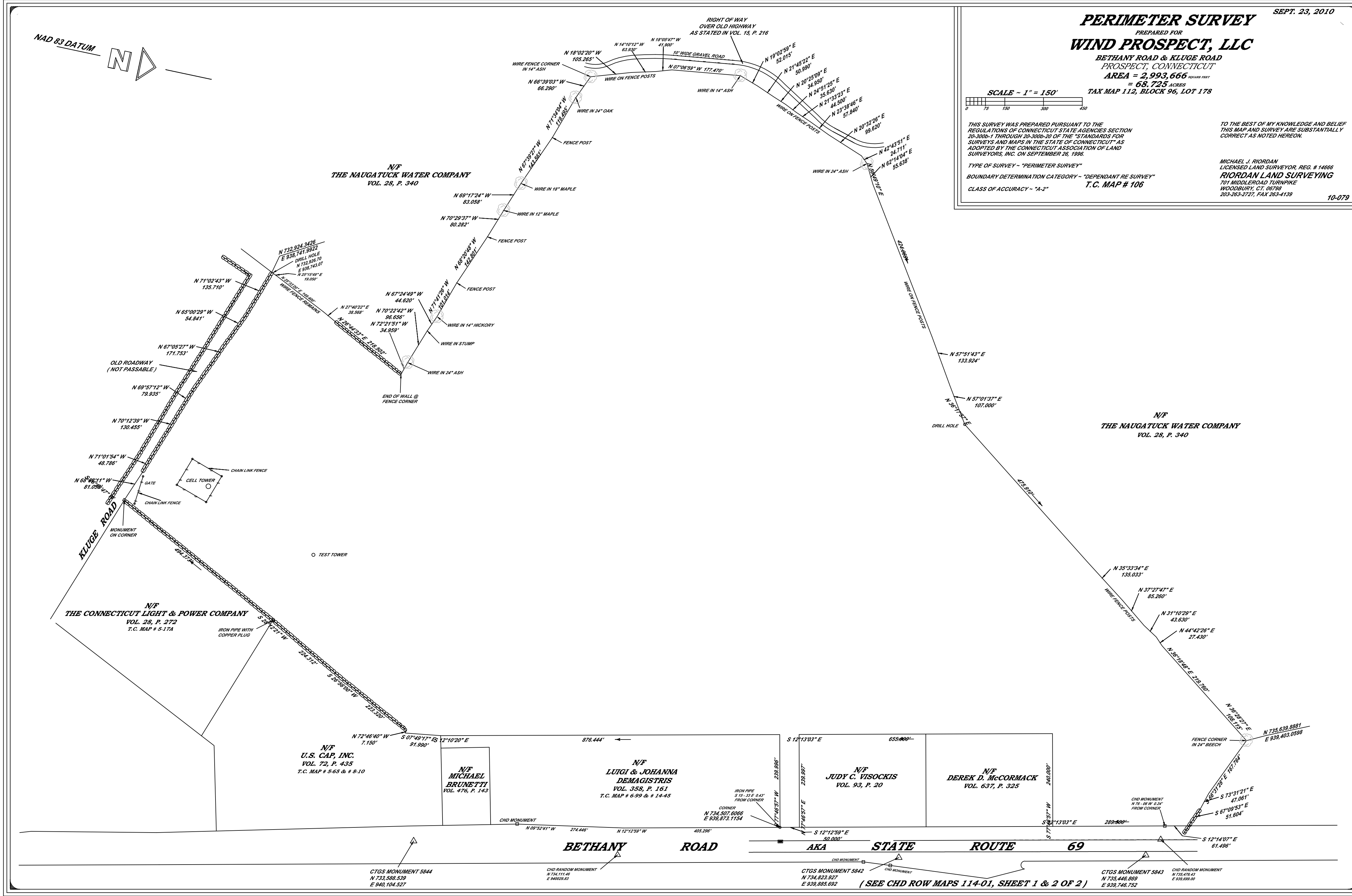
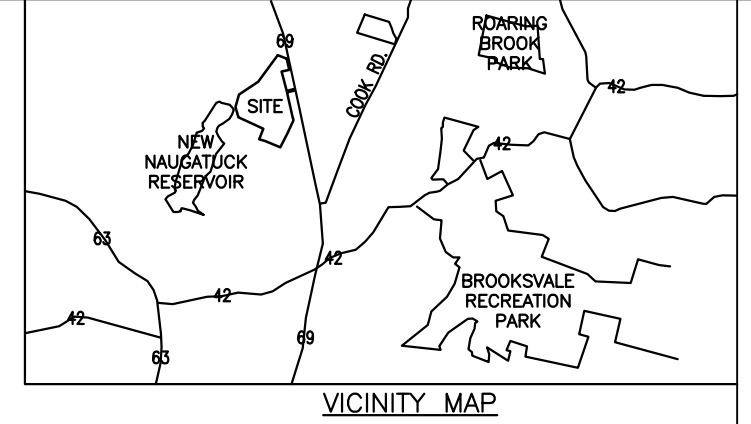
DESIGNED BY:	DATE:	03/08/11
DRAWN BY:	OWNER:	BNE ENERGY
REVISED BY:	PROJECT NO.:	178
TLK	TAX MAP NO.:	12 BLOCK IN LOT 178
TLK	FILE NUMBER:	1385
TLK	AS SHOWN	03-08-11
TLK	FILE NAME:	178-000-000.dwg
TLK	ANSI D	

WIND PROSPECT
CONNECTICUT
COVER SHEET AND DRAWING INDEX

SHEET IDENTIFICATION
G-000



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



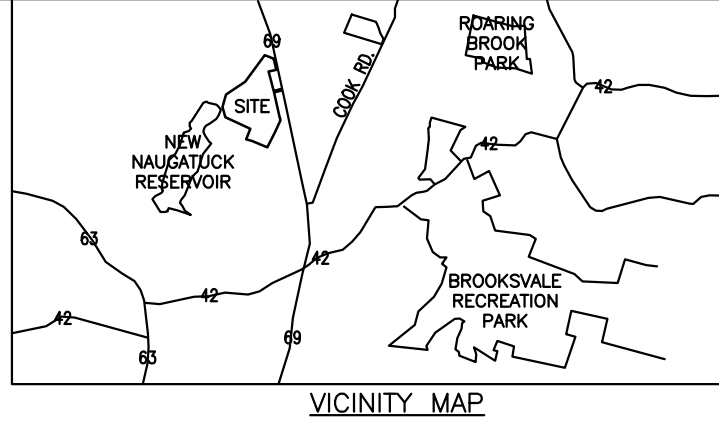
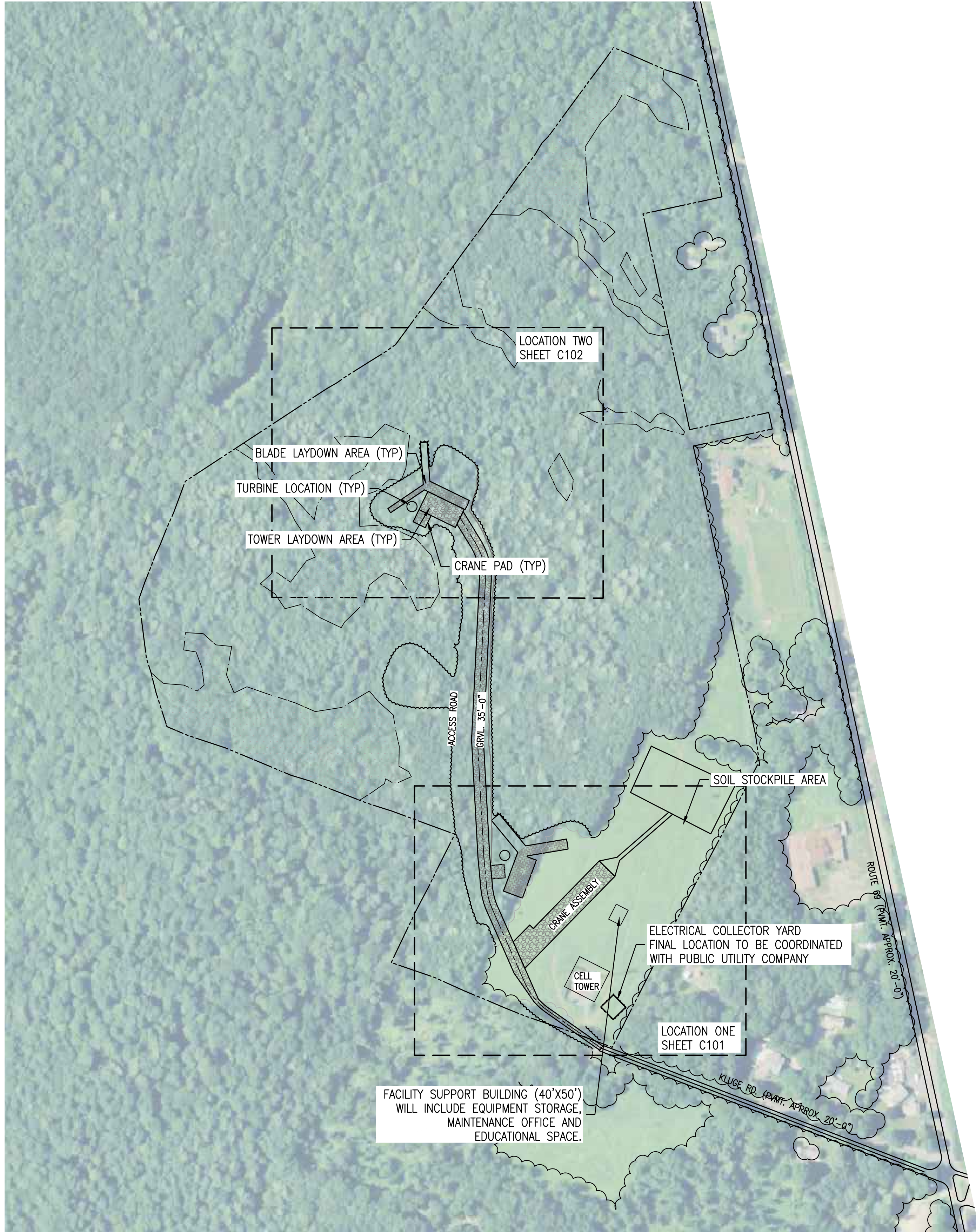
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DESIGNED BY:	DATE:
DRAWN BY:	OWNER:
SUBMITTED BY:	BNE ENERGY
PLOT SCALE:	PARCEL NO.:
AS SHOWN	TAX MAP # 112, BLOCK 96, LOT 178
SIZE:	FILE NUMBER:
ANSI D	1385

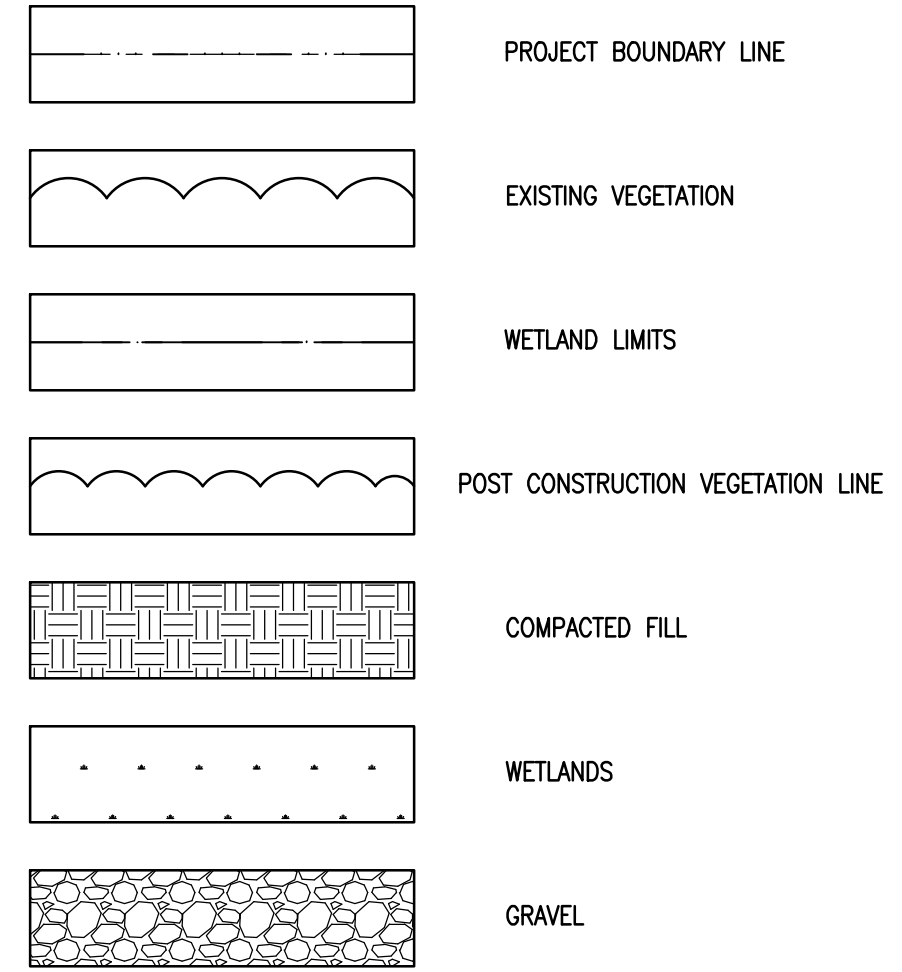
ZAPATA
 6502 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 356-8540
 FAX: (203) 356-8542
 WWW.ZAPATAINC.COM

WIND PROSPECT CONNECTICUT
 ABUTTERS MAP

SHEET IDENTIFICATION
C-001



LEGEND



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.

TREE AREA TO BE CLEARED: 249901 SQ. FT. / 5.74 ACRES
 AREA TO BE DISTURBED: 426366 SQ. FT. / 9.79 ACRES
 AREA WITHIN 100' WETLAND OFFSET: 48050 SQ. FT. / 1.10 ACRES

THIS PROJECT WILL HAVE NO TEMPORARY DIRECT WETLAND IMPACT. APPROPRIATE MITIGATION PROCEDURES AND REQUIRED PERMITS WILL BE OBTAINED PRIOR TO CONSTRUCTION.

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.
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- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DEMOLITION OR RELOCATION WITH APPLICABLE UTILITY COMPANIES, IE, GAS, CABLE, POWER, TELEPHONE, WATER, SEWER, ETC.
- EQUIPMENT OPERATION, ACTIVITIES, OR PROCESSES PERFORMED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH ALL FEDERAL AND STATE AIR EMISSION AND PERFORMANCE LAWS AND STANDARDS.
- 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.



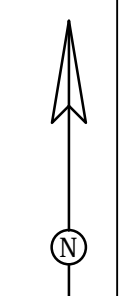
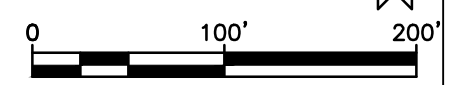
MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	OWNER:
DRAWN BY:	03-08-11	BNE ENERGY
SUBMITTED BY:	TLK	
ZAPATA INC.	PARCEL NO.:	
	TAX MAP: 12 BLOCK 88, LOT 178	
	FILE NUMBER:	
	03-08-11	
	AS SHOWN	
	1385	
	FILE NAME:	

ZAPATA
 6502 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 366-8940
 FAX: (203) 366-8977
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 SITE PLAN WITH AERIAL IMAGERY

SHEET
 IDENTIFICATION
C-002

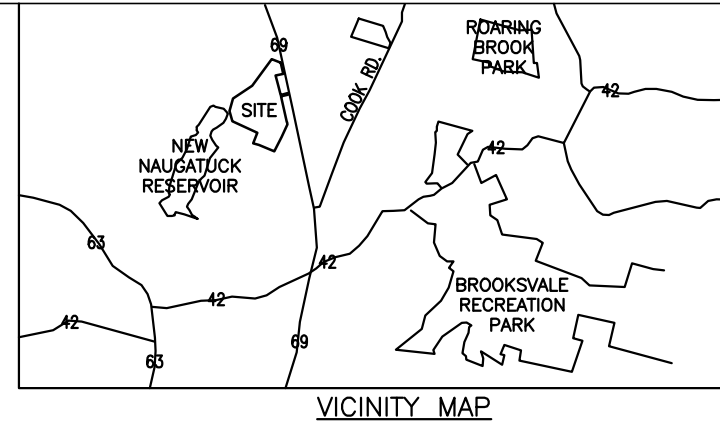
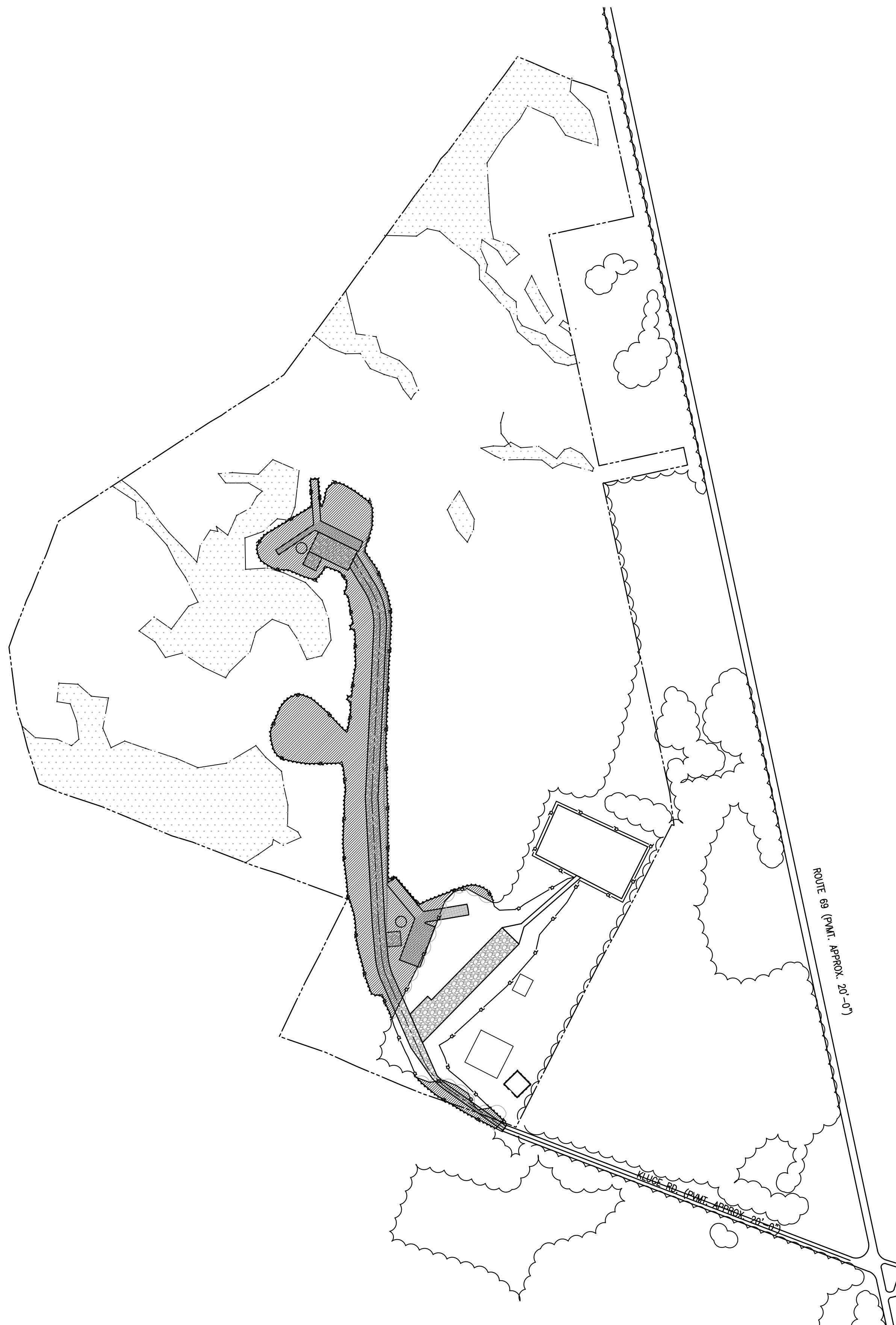


D

C

B

A



LEGEND

- CLEARING LIMITS
- PROJECT BOUNDARY LINE
- EXISTING VEGETATION
- WETLAND LIMITS
- DEMO EXISTING VEGETATION
- POST CONSTRUCTION VEGETATION LINE
- COMPACTED FILL
- WETLANDS
- GRAVEL
- CLEARING AREA

TREE AREA TO BE CLEARED: 249901 SQ. FT. / 5.74 ACRES
 AREA TO BE DISTURBED: 426366 SQ. FT. / 9.79 ACRES
 AREA WITHIN 100' WETLAND OFFSET: 48050 SQ. FT. / 1.10 ACRES

THIS PROJECT WILL HAVE NO TEMPORARY DIRECT WETLAND IMPACT.
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DESIGNED BY:	DATE:
DRAWN BY:	OWNER:
SUBMITTED BY:	PARCEL NO.:
AS SHOWN:	TAX MAP #:
AS SHOWN:	FILE NUMBER:
AS SHOWN:	FILE NAME:
AS SHOWN:	ANSI D:

ZAPATA
 6302 FAIRVIEW ROAD, SUITE 200, FAIRVIEW, CT 06424
 PHONE: (203) 356-8240
 FAX: (203) 356-8242
 WWW.ZAPATAINC.COM

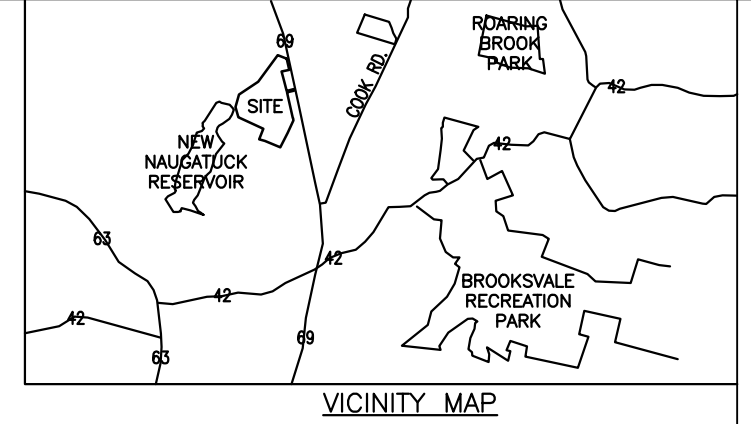
WIND PROSPECT
 CONNECTICUT
 CLEARING LIMITS PLAN

SHEET
 IDENTIFICATION
C-003

BNE Energy Inc.
 Producer of green clean energy



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

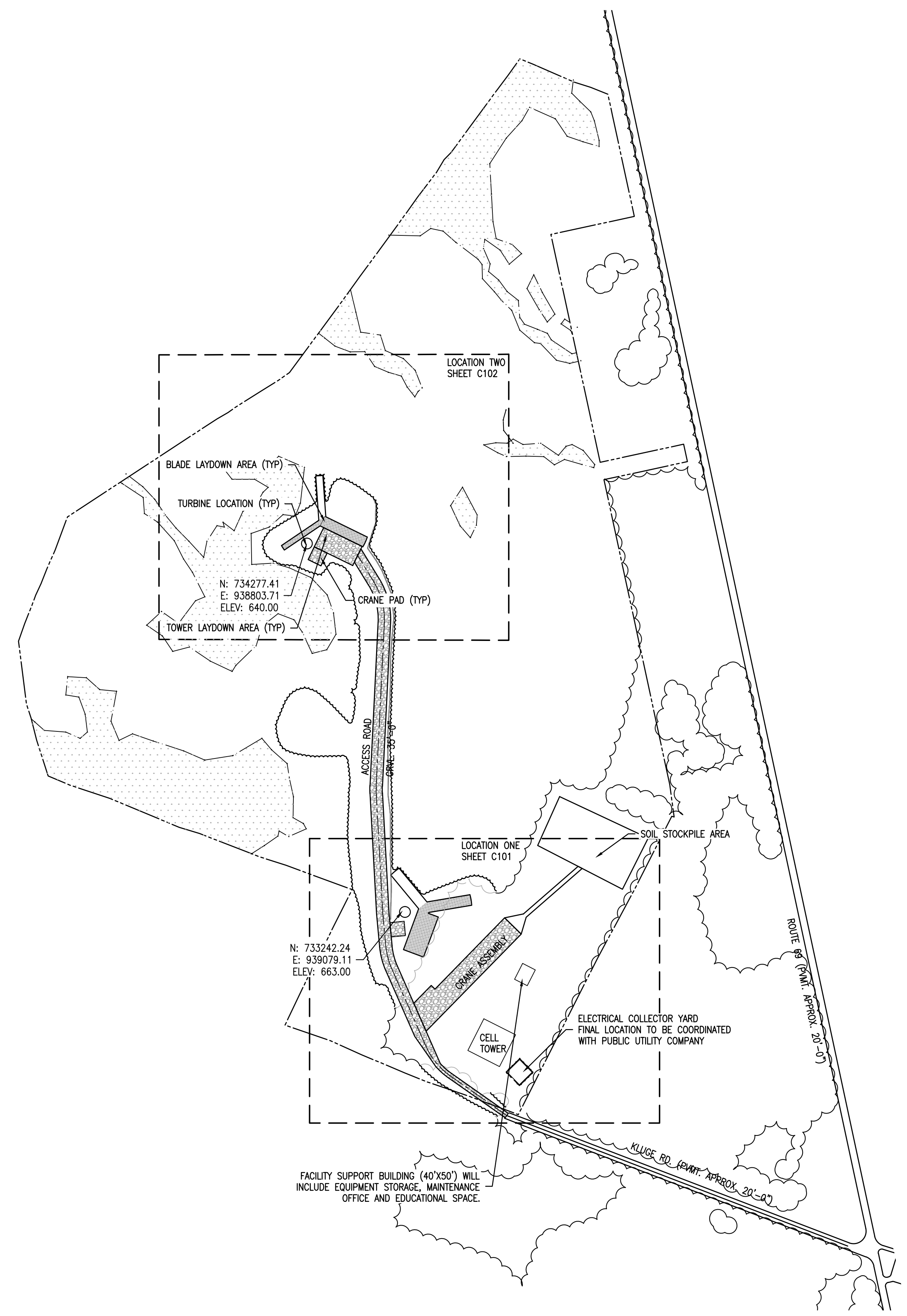


LEGEND

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

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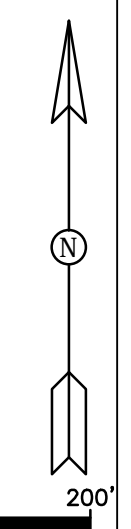
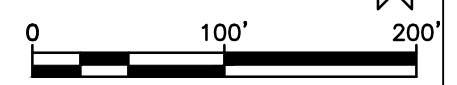
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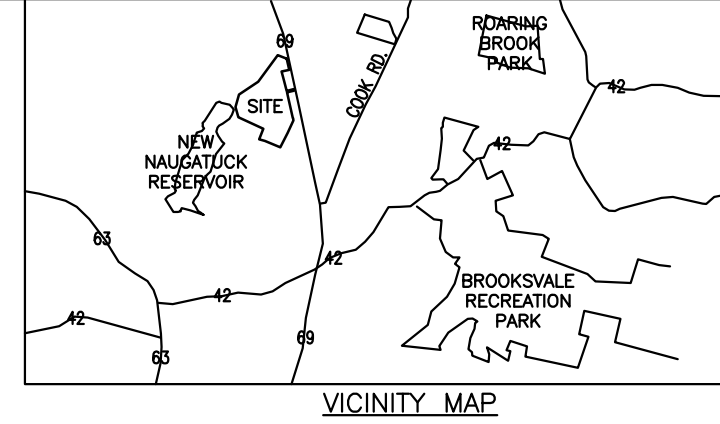
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DRAWN BY:	CHECKED BY:	TLK
SUBMITTED BY:	OWNER:	BNE ENERGY
PLOT SCALE:	PARCEL NO.:	1385
AS SHOWN:	TAX MAP:	12 BLOCK 88, LOT 178
FILE NAME:	FILE NUMBER:	03-08-11
ANSI D	FILE NUMBER:	1385

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

WIND PROSPECT CONNECTICUT
 OVERALL SITE PLAN

SHEET IDENTIFICATION
C-100

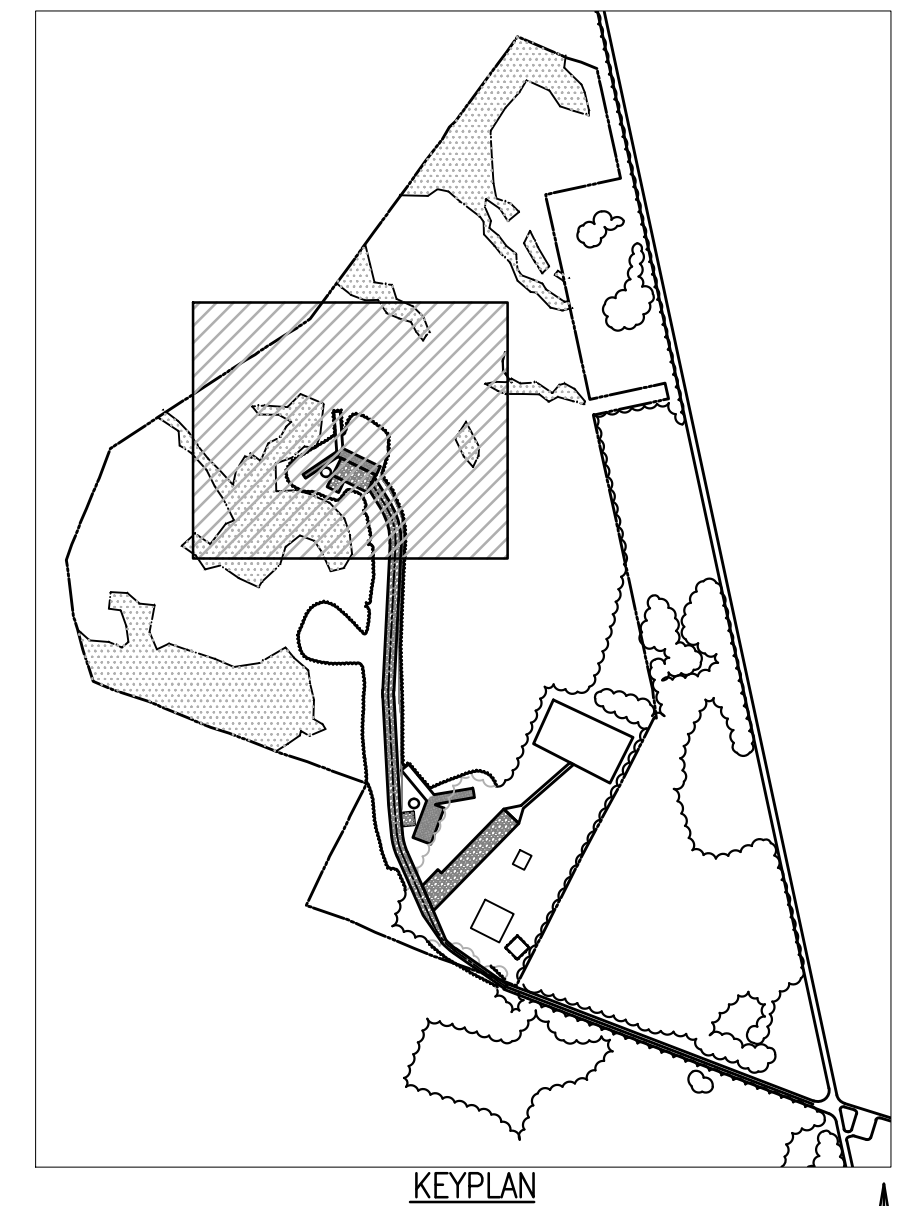




- NOTES:**
1. CRANE PAD SHALL NOT EXCEED 1% SLOPE.
 2. BLADE ASSEMBLY AREA SHALL NOT HAVE FLATNESS DEVIATION OF MORE THAN 6 INCHES OVER THE LENGTH OF BLADES.
 3. TOWER SECTION LAYDOWN AREA SHALL NOT EXCEED 5% SLOPE.

LEGEND

	PROJECT BOUNDARY LINE
	EXISTING VEGETATION
	WETLAND LIMITS
	POST CONSTRUCTION VEGETATION LINE
	HAYBALE
	SILT FENCE
	COMPACTED FILL
	WETLANDS
	GRAVEL



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	CHK. BY:	DATE:
RSW	TLK	03-08-11
SUBMITTED BY: ZAPATA, INC. PARCEL NO.: TAX MAP: 12, BLOCK: 88, LOT: 178 PLOT SCALE: AS SHOWN FILE NUMBER: 1385		

ZAPATA
 6502 BARVIEW ROAD, SUITE 200, FARMINGTON, CT 06030
 PHONE: (860) 356-8540
 FAX: (860) 356-8541
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 TURBINE LOCATION TWO SITE PLAN

SHEET
 IDENTIFICATION
C-102



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

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, RESEEDED AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

TREE PROTECTION NOTES:

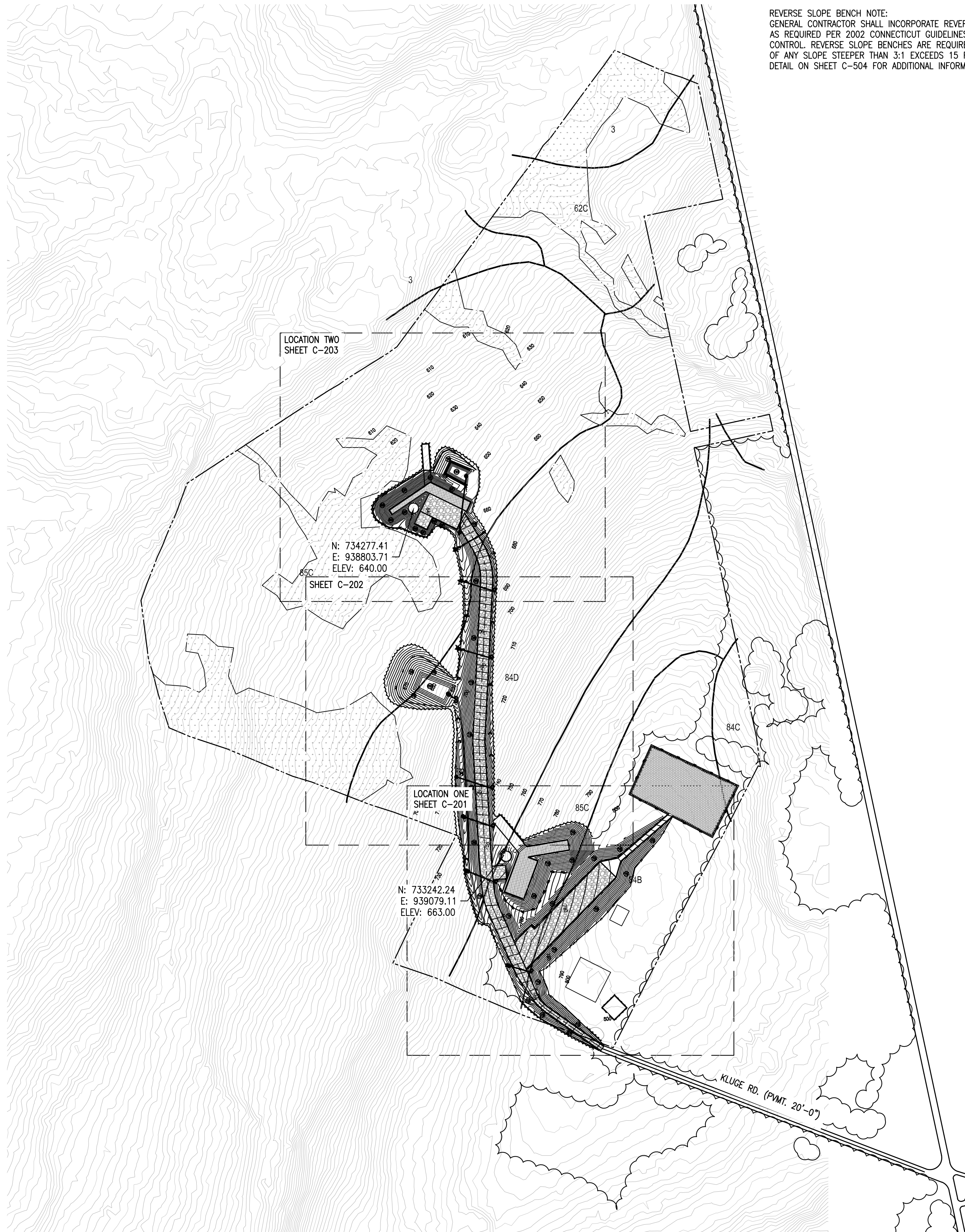
1. TREE BARRICADES MUST BE INSTALLED BEFORE ANY DEMOLITION, CLEARING, GRADING, OR CONSTRUCTION, AND NOT REMOVED UNTIL AFTER FINAL INSPECTION BY URBAN FORESTRY STAFF.
2. NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, BURIAL PITS, TRENCHING OR OTHER LAND DISTURBING ACTIVITY ALLOWED IN TREE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

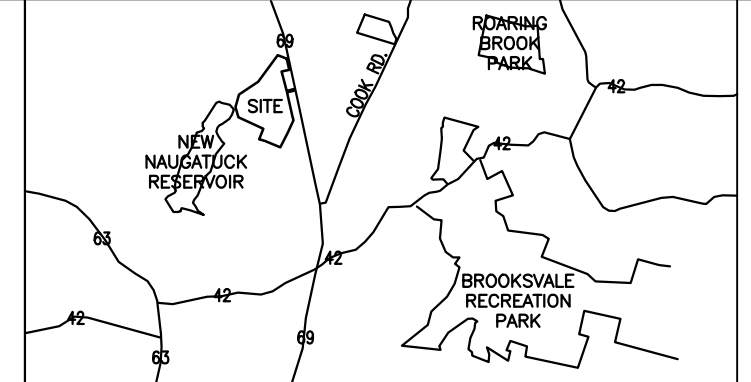
1. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. TEMPORARY SEEDING IS NECESSARY TO ACHIEVE EROSION CONTROL ON LARGE DENUDED AREAS AND ESPECIALLY WHEN SPECIFICALLY REQUIRED AS PART OF THE CONSTRUCTION SEQUENCE.
2. MAXIMUM GRADED SLOPES ARE 2:1. WHEN STEEPER SLOPES MUST BE USED PLANS MUST BE SEALED 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.



REVERSE SLOPE BENCH NOTE:
GENERAL CONTRACTOR SHALL INCORPORATE REVERSE SLOPE BENCHES ON SLOPES AS REQUIRED PER 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. REVERSE SLOPE BENCHES ARE REQUIRED WHENEVER THE VERTICAL HEIGHT OF ANY SLOPE STEEPER THAN 3:1 EXCEEDS 15 FEET. SEE REVERSE SLOPE BENCH DETAIL ON SHEET C-504 FOR ADDITIONAL INFORMATION.



LEGEND

C P	CULVERT PIPE
TD TD	TEMPORARY DIVERSION DITCH
S F	SILT FENCE
TP TP	TREE PROTECTION FENCE
HB	STRAW HAY BALES
	WETLAND LIMITS
84C 84B	SOIL TYPE BOUNDARY
	ROCK CHECK DAM
	RIP RAP
FLOW	FLOW ARROW
TS	TEMPORARY SEEDING
TST	TEMPORARY SEDIMENT TRAP
GF	GEO-TEXTILE FABRIC
RR	RIPRAP
	COMPACTED EARTH
	GRAVEL
	LAYDOWN AREA
	TEMPORARY SPOIL AREA
	RIPRAP LINED CONVEYANCE SWALE
	CATCH BASIN

State of Connecticut (CT100)			
Map Unit Symbol	Map Unit Name	Acres in ACI	Percent of ACI
3	Ridgebury, Leicester, and Whitman soils, extremely stony	3.5	4.4%
62C	Canton and Charter soils, 3 to 15 percent slopes, extremely stony	4.9	6.1%
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	8.9	11.1%
84C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes	1.0	1.3%
84D	Paxton and Montauk fine sandy loams, 15 to 25 percent slopes	19.7	24.9%
85C	Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony	42.0	52.5%
Totals for Area of Interest		88.0	100.0%

TREE AREA TO BE CLEARED: 249901 SQ. FT. / 5.74 ACRES
 AREA TO BE DISTURBED: 426366 SQ. FT. / 9.79 ACRES
 AREA WITHIN 100' WETLAND OFFSET: 48050 SQ. FT. / 1.10 ACRES
 THIS PROJECT WILL HAVE NO TEMPORARY DIRECT WETLAND IMPACT. APPROPRIATE MITIGATION PROCEDURES AND REQUIRED PERMITS WILL BE OBTAINED PRIOR TO CONSTRUCTION.

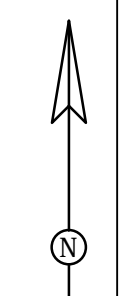
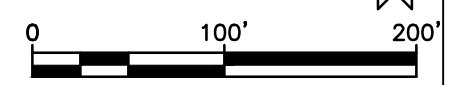
MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

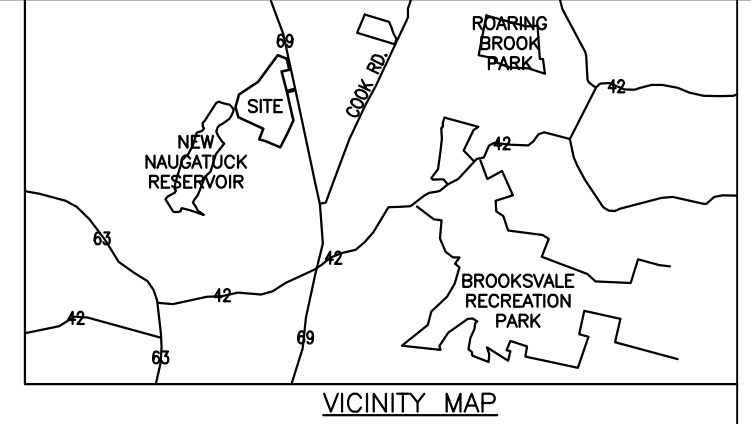
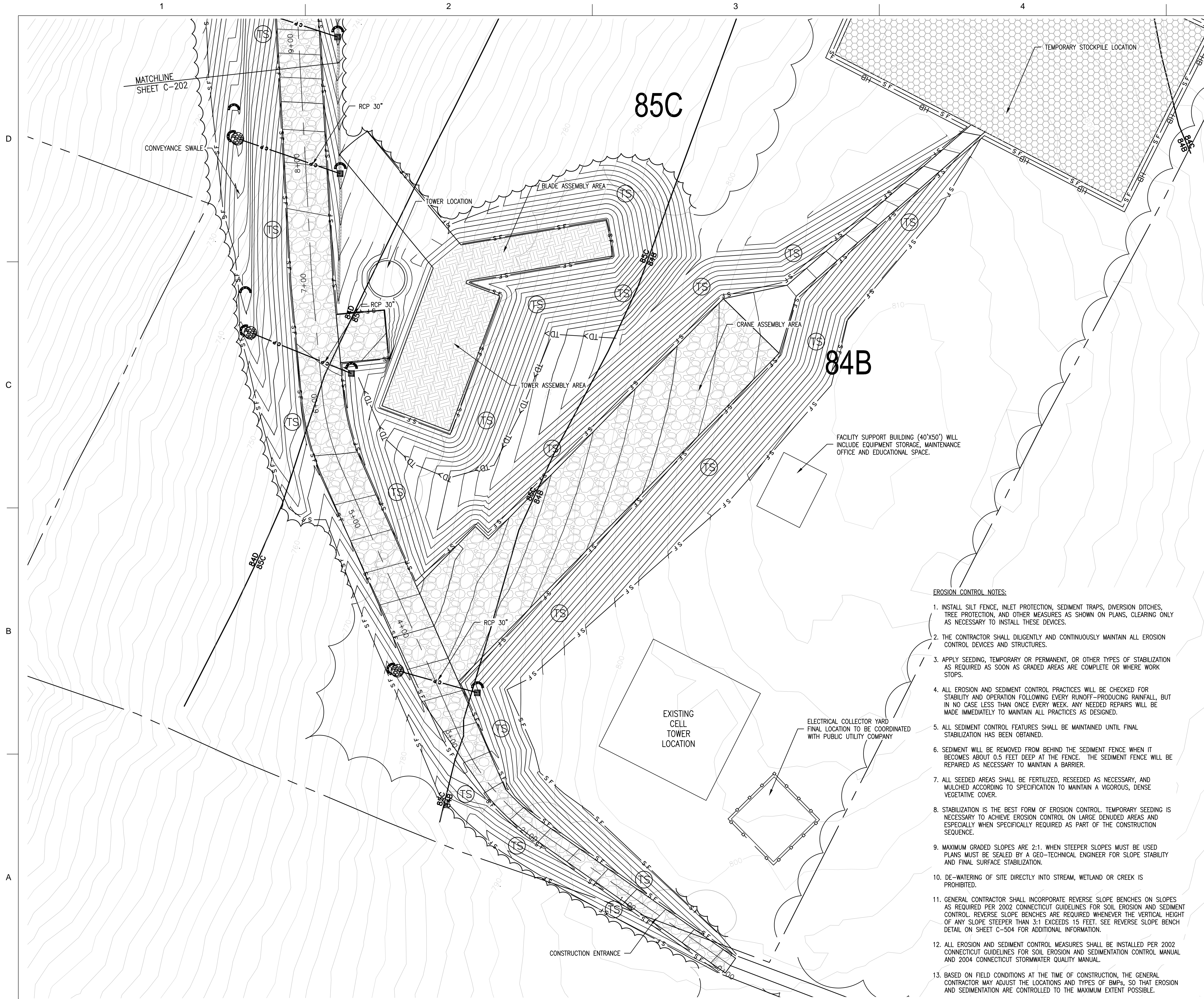
DESIGNED BY:	DATE:	OWNER:
TLK	03-08-11	BNE ENERGY
DRAWN BY:	CHKD BY:	PARCEL NO.:
TLK	TLK	03-08-11
SUBMITTED BY:	FILE NUMBER:	TAX MAP NO.:
ZAPATA, INC.	1385	12, BLOCK 10, LOT 178
PLOT SCALE:	FILE NAME:	PROJECT NAME:
AS SHOWN	1385	Wind Prospect Erosion Control Plan
DATE:	DATE:	DATE:
03-08-11	03-08-11	03-08-11

ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 TEL: 860.439.1234 FAX: 860.439.1235
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
C-200

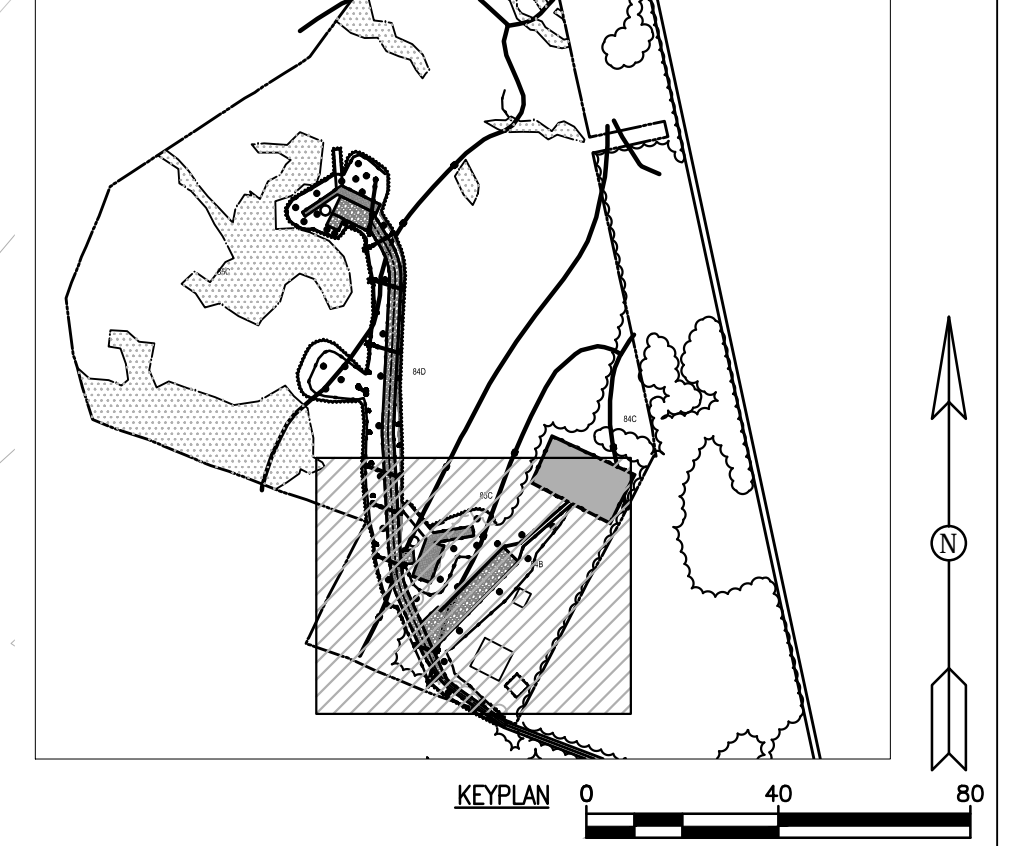




LEGEND

	CULVERT PIPE
	TEMPORARY DIVERSION DITCH
	SILT FENCE
	TREE PROTECTION FENCE
	STRAW HAY BALES
	WETLAND LIMITS
	SOIL TYPE BOUNDARY
	ROCK CHECK DAM
	RIP RAP
	FLOW ARROW
	TEMPORARY SEEDING
	TEMPORARY SEDIMENT TRAP
	COMPACTED EARTH
	GRAVEL
	LAYDOWN AREA
	TEMPORARY SPOIL AREA
	RIPRAP LINED CONVEYANCE SWALE
	CATCH BASIN

- 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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 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, RESEEDING AS NECESSARY, AND MULCHED ACCORDING TO SPECIFICATION TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
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 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.
 11. GENERAL CONTRACTOR SHALL INCORPORATE REVERSE SLOPE BENCHES ON SLOPES AS REQUIRED PER 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL. REVERSE SLOPE BENCHES ARE REQUIRED WHENEVER THE VERTICAL HEIGHT OF ANY SLOPE STEEPER THAN 3:1 EXCEEDS 15 FEET. SEE REVERSE SLOPE BENCH DETAIL ON SHEET C-504 FOR ADDITIONAL INFORMATION.
 12. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PER 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL MANUAL AND 2004 CONNECTICUT STORMWATER QUALITY MANUAL.
 13. BASED ON FIELD CONDITIONS AT THE TIME OF CONSTRUCTION, THE GENERAL CONTRACTOR MAY ADJUST THE LOCATIONS AND TYPES OF BMPs, SO THAT EROSION AND SEDIMENTATION ARE CONTROLLED TO THE MAXIMUM EXTENT POSSIBLE.



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03/11
DRAWN BY:	CHECKED BY:	TLK
RSW	TLK	
SUBMITTED BY:	PARCEL NO.:	03-08-11
ZAPATA, INC.	TAX MAP 12, BLOCK 10, LOT 178	
	PLOT SCALE:	1" = 40'
	FILE NUMBER:	1385
	AS SHOWN	03-08-11
	FILE NAME:	
	ANSI D	

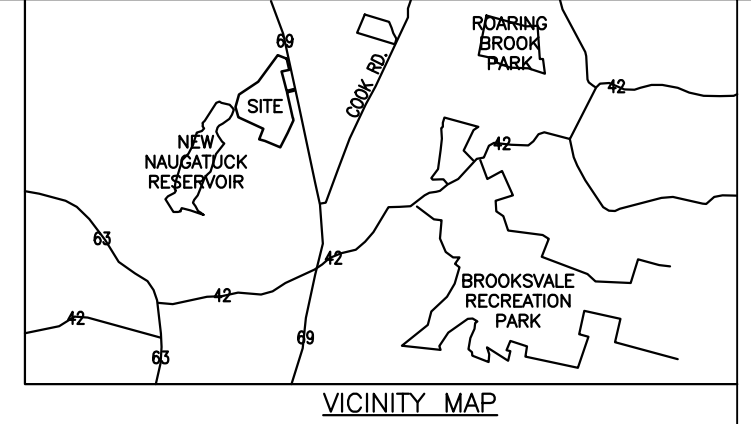
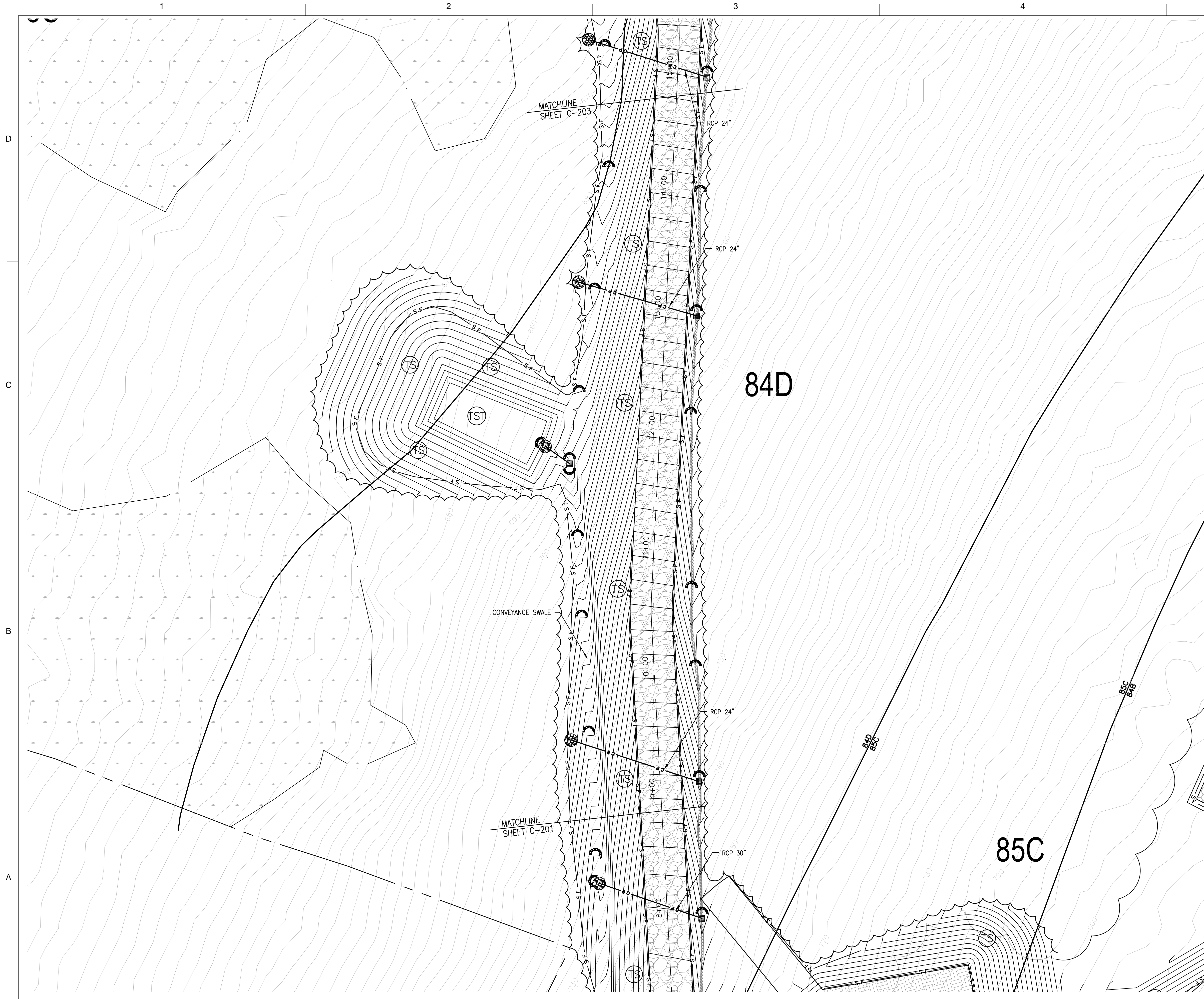
ZAPATA
 6302 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 396-8940
 FAX: (203) 396-8941
 WWW.ZAPATAINC.COM

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

SHEET
 IDENTIFICATION
C-201



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



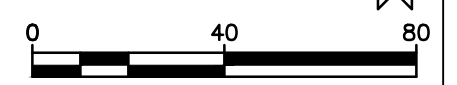
VICINITY MAP

LEGEND

	C P	CULVERT PIPE
	TD > TD	TEMPORARY DIVERSION DITCH
	S F	SILT FENCE
	TP TP	TREE PROTECTION FENCE
	HB	STRAW HAY BALES
		WETLAND LIMITS
	84C 84B	SOIL TYPE BOUNDARY
		ROCK CHECK DAM
		RIP RAP
	FLOW	FLOW ARROW
	TS	TEMPORARY SEEDING
	TST	TEMPORARY SEDIMENT TRAP
		COMPACTED EARTH
		GRAVEL
		LAYDOWN AREA
		TEMPORARY SPOIL AREA
		RIPRAP LINED CONVEYANCE SWALE
		CATCH BASIN



KEYPLAN



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03/11
DRAWN BY:	CHECKED BY:	TLK
RSW	TLK	
SUBMITTED BY:	PARCEL NO.:	
ZAPATA, INC.	178	
	TAX MAP #:	12 BLOCK WA LOT
	PLOT SCALE:	AS SHOWN
	FILE NUMBER:	1385
	FILE NAME:	
	ANSI D	

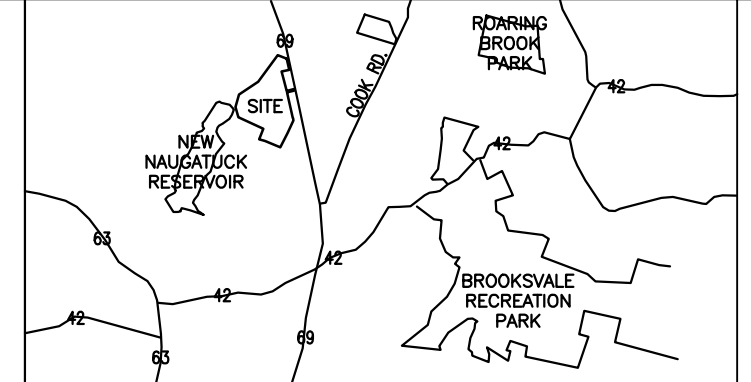
ZAPATA
 6302 LAWREN ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 356-8240
 FAX: (203) 356-8241
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD STA. 9+00 TO 15+00
 EROSION CONTROL PLAN

SHEET
 IDENTIFICATION
C-202

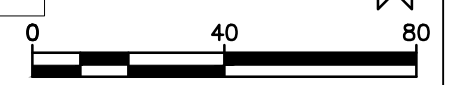
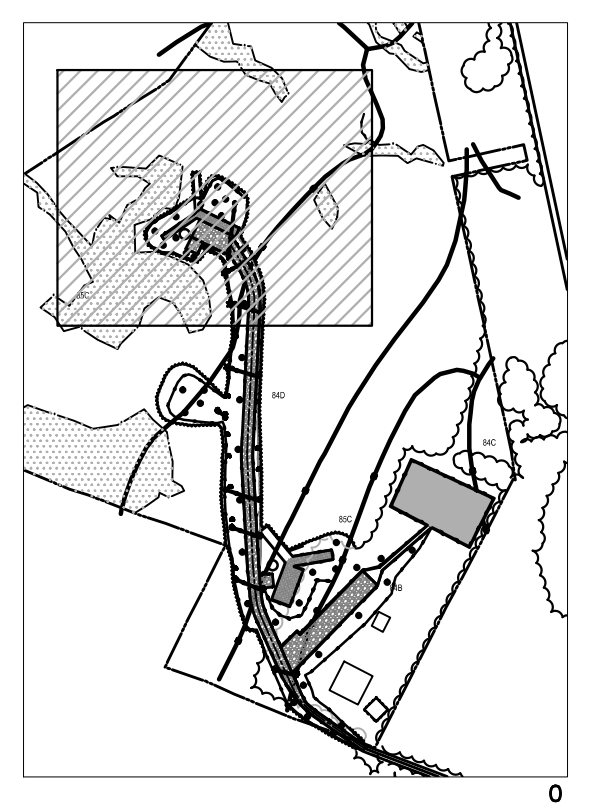


NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



LEGEND

	C P	CULVERT PIPE
	TD	TEMPORARY DIVERSION DITCH
	S F	SILT FENCE
	TP	TREE PROTECTION FENCE
	HB	STRAW HAY BALES
		WETLAND LIMITS
	84C 84B	SOIL TYPE BOUNDARY
		ROCK CHECK DAM
		RIP RAP
	FLOW	FLOW ARROW
	TS	TEMPORARY SEEDING
	TST	TEMPORARY SEDIMENT TRAP
	GF	GEO-TEXTILE FABRIC
	RR	RIPRAP
		COMPACTED EARTH
		GRAVEL
		LAYDOWN AREA
		TEMPORARY SPOIL AREA
		RIPRAP LINED CONVEYANCE SWALE
		CATCH BASIN



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03/11
DRAWN BY:	CHECKED BY:	TLK
SUBMITTED BY:	CONTRACTOR:	BNE ENERGY
ZAPATA, INC.	PARCEL NO.:	03-08-11
AS SHOWN	TAX MAP:	12 BLOCK IN LOT 178
AS SHOWN	FILE NUMBER:	1385
AS SHOWN	FILE NAME:	1385
AS SHOWN	ANSI D	

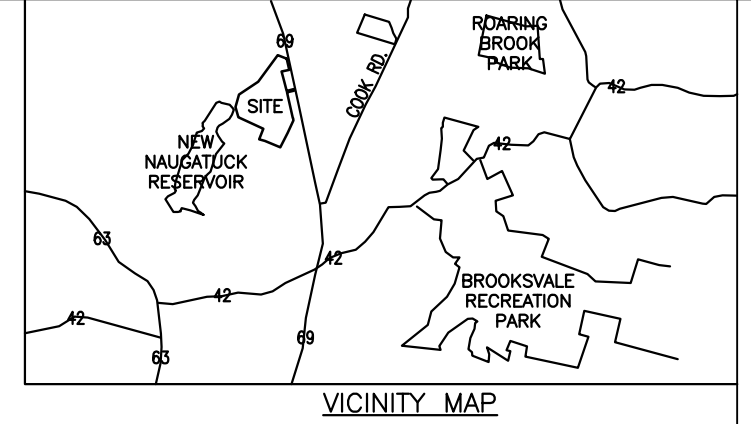
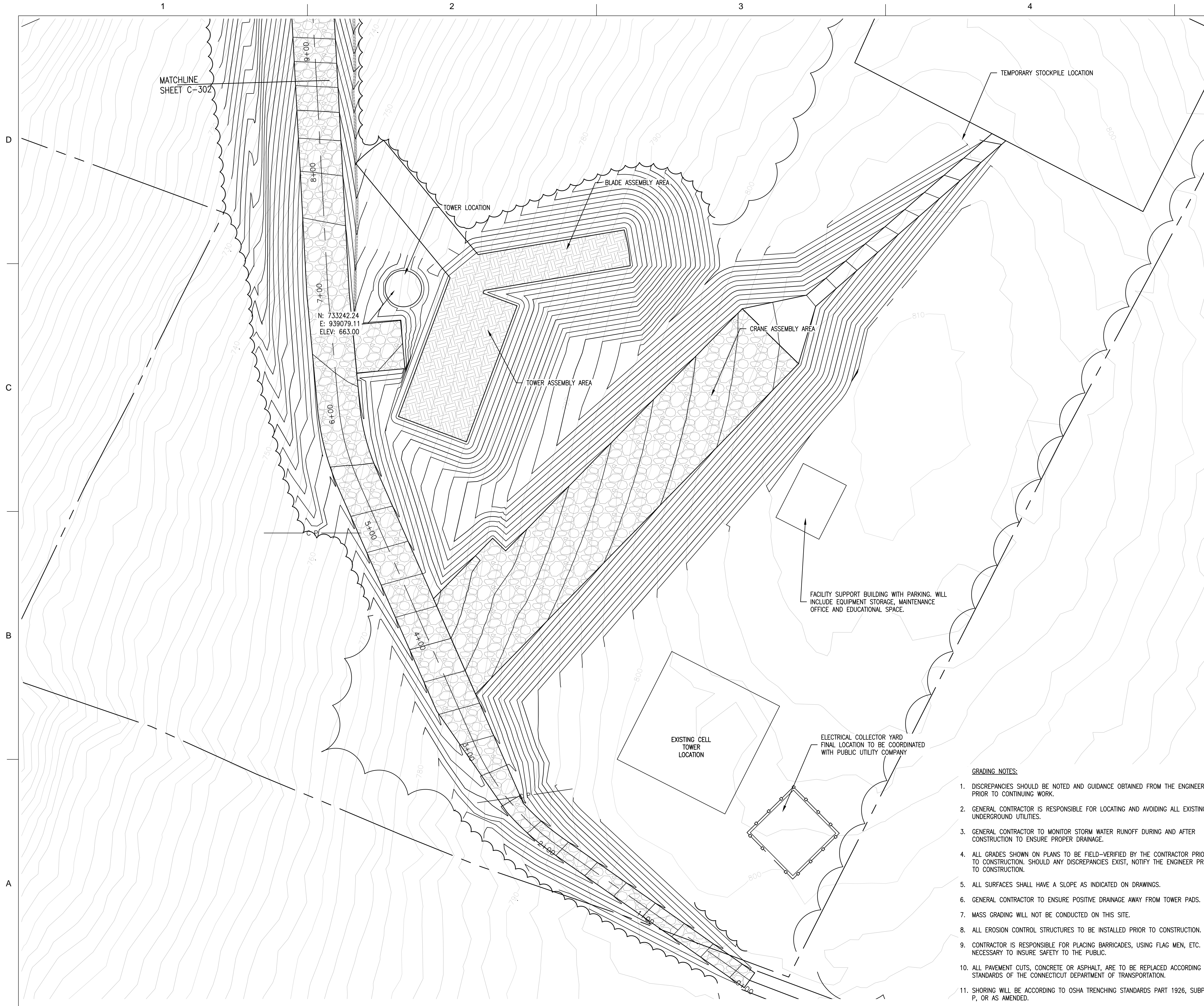
ZAPATA
6302 WARREN ROAD, SUITE 200, DANVILLE, VT 05236
TEL: 802.775.1234 FAX: 802.775.1235
WWW.ZAPATAINC.COM

WIND PROSPECT
CONNECTICUT
TURBINE LOCATION TWO
EROSION CONTROL PLAN

SHEET
IDENTIFICATION
C-203

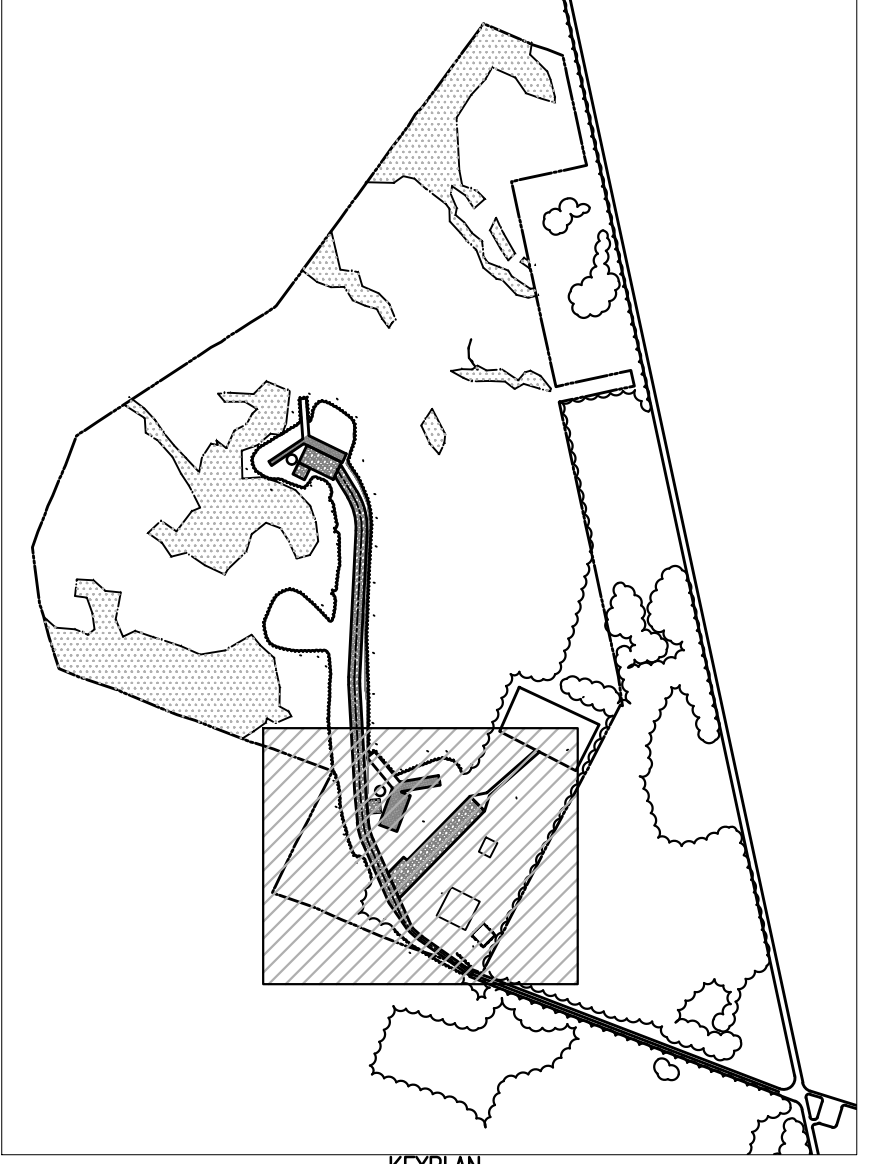


NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



LEGEND

	C P	CULVERT PIPE
		DITCH LINE
		EXISTING TOPO
		NEW TOPO
		WETLAND LIMITS
		VEGETATION
		POST CONSTRUCTION VEGETATION LINE
		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.
 - 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 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.

MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03-08-11
DRAWN BY:	OWNER:	BNE ENERGY
SUBMITTED BY:	PARCEL NO.:	733242.24
ZAPATA, INC.	TAX MAP:	12 BLOCK 18A LOT 178
AS SHOWN	FILE NUMBER:	1385
AS SHOWN	FILE NAME:	1385

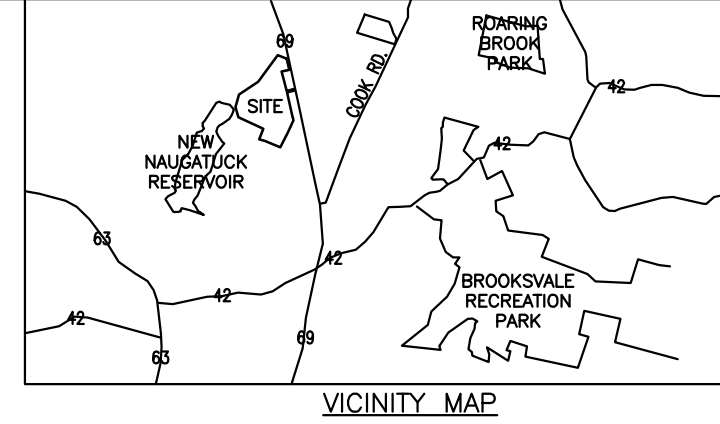
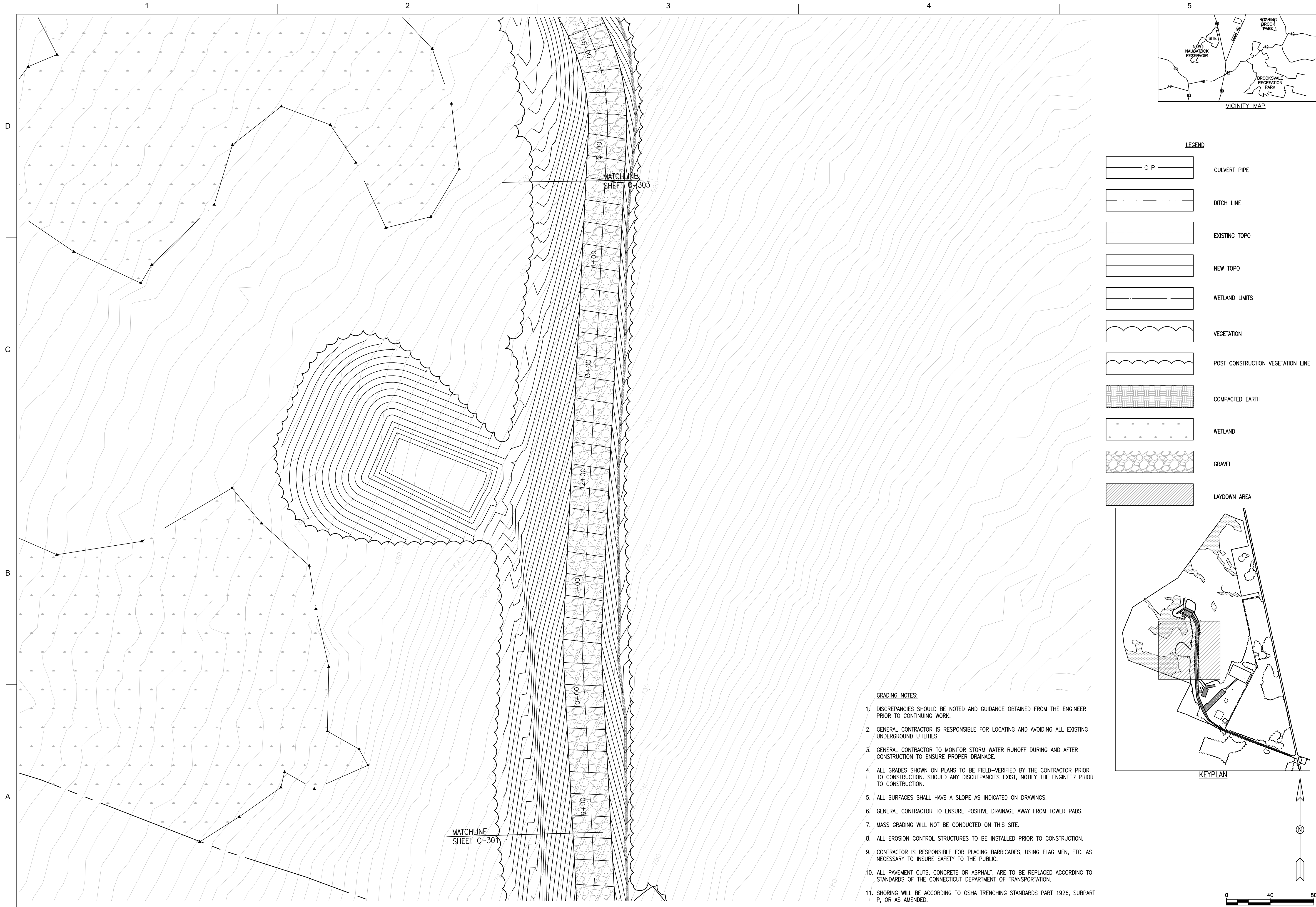
ZAPATA
6302 LAWRENCE ROAD, SUITE 300, WESTPORT, CT 06880
TEL: 860.336.8440
WWW.ZAPATAINC.COM

WIND PROSPECT CONNECTICUT
TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA
CONSTRUCTION PHASE GRADING PLAN

SHEET IDENTIFICATION
C-301

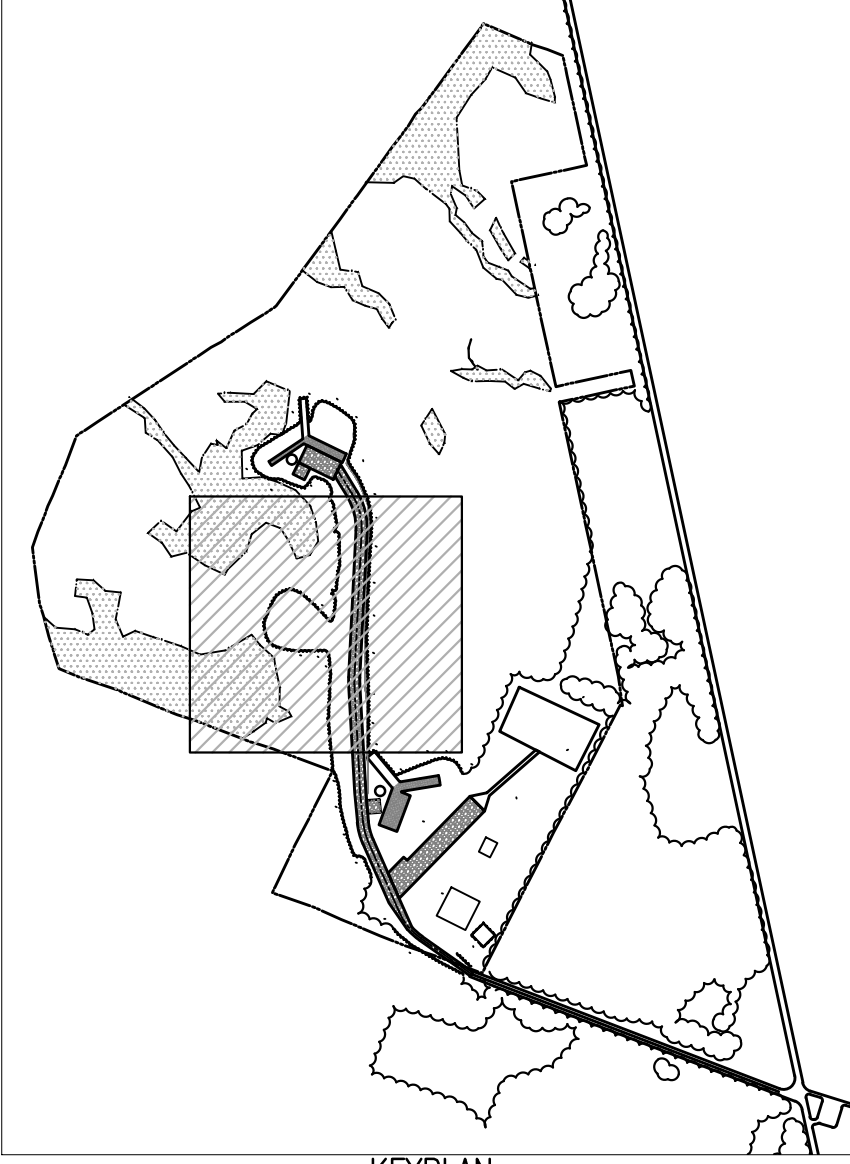


NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



LEGEND

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



GRADING NOTES:

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MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03-08-11
DRAWN BY:	CHECKED BY:	TLK
SUBMITTED BY:	DESIGNED BY:	TLK
ZAPATA, INC.	FILE NUMBER:	1385
6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06894	PARCEL NO.:	03-08-11
ZAPATA@ZAPATAINC.COM WWW.ZAPATAINC.COM	TAX MAP NO.:	12 BLOCK 88, LOT 178
	PLOT SCALE:	AS SHOWN
	FILE NAME:	03-08-11
	ANSI D	

ZAPATA
INCORPORATED

6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06894
ZAPATA@ZAPATAINC.COM WWW.ZAPATAINC.COM

WIND PROSPECT
CONNECTICUT
ACCESS ROAD STA. 9+00 TO 15+00
CONSTRUCTION PHASE GRADING PLAN

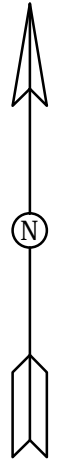
SHEET
IDENTIFICATION
C-302

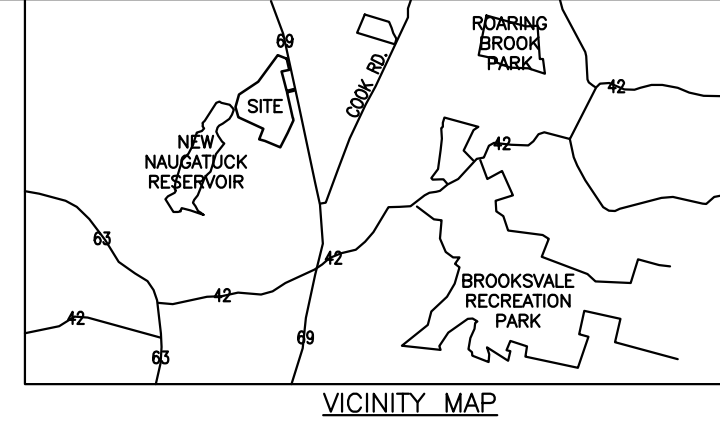
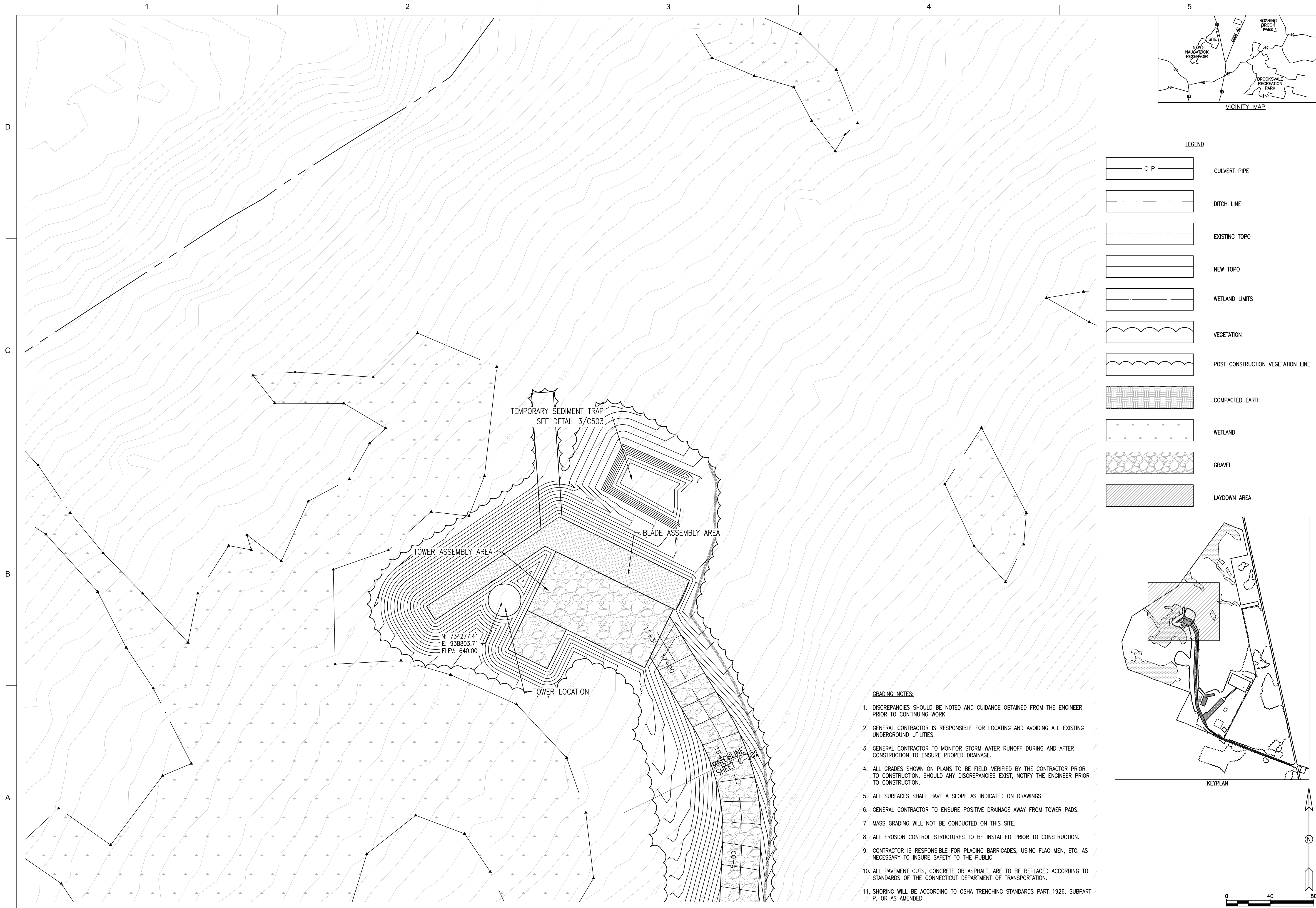
BNE Energy Inc.
Producer of green clean energy



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

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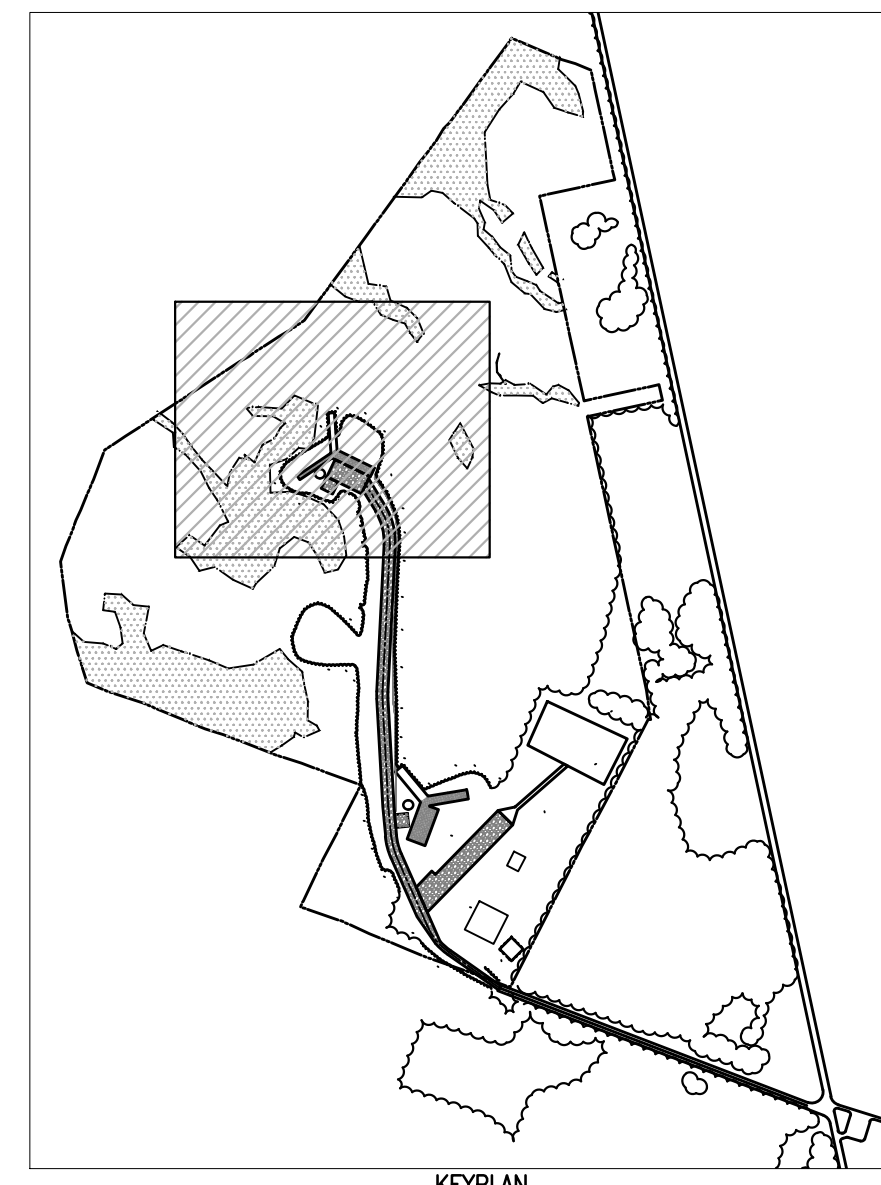


LEGEND

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

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1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	03-08-11
DRAWN BY:	OWNER:	BNE ENERGY
SUBMITTED BY:	PARCEL NO.:	03-08-11
ZAPATA, INC.	TAX MAP #:	12 BLOCK 88, LOT 178
AS SHOWN	FILE NUMBER:	1385
AS SHOWN	FILE NAME:	WindProspect_Two_Turbine_Location_Two_Construction_Phase_Grading_Plan.dwg

ZAPATA
 6302 LAWRENCE ROAD, SUITE 200, DANBURY, CT 06810
 PHONE: (203) 356-8440
 FAX: (203) 356-8442
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 TURBINE LOCATION TWO
 CONSTRUCTION PHASE GRADING PLAN

SHEET
 IDENTIFICATION
C-303



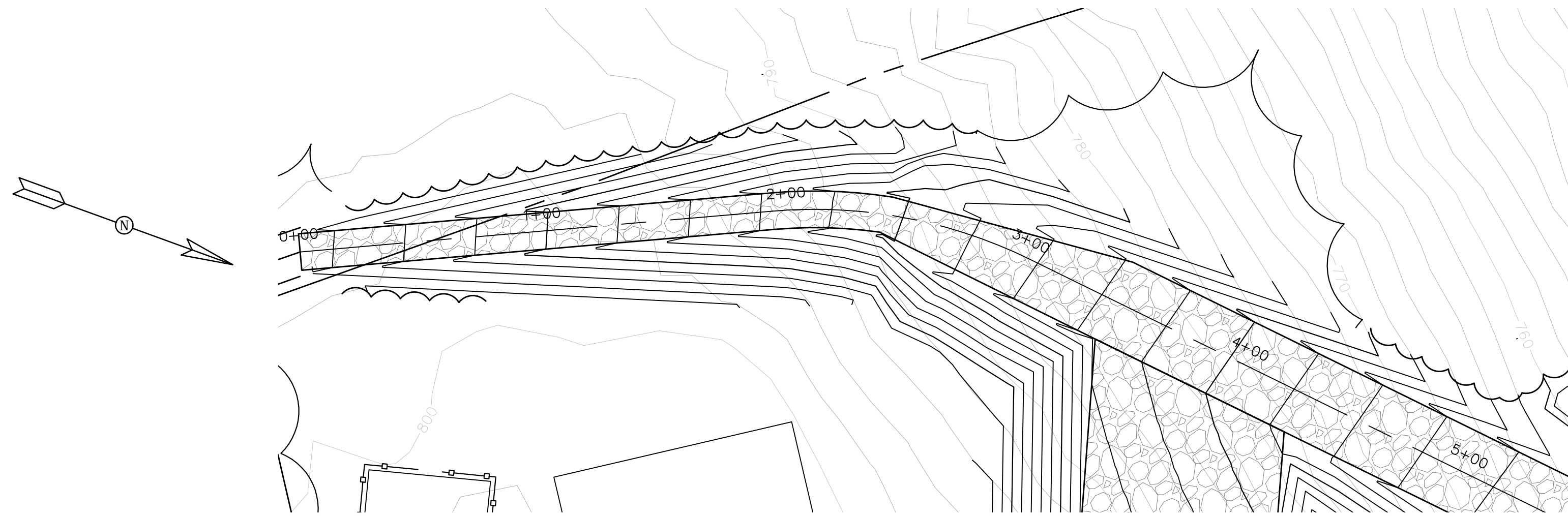
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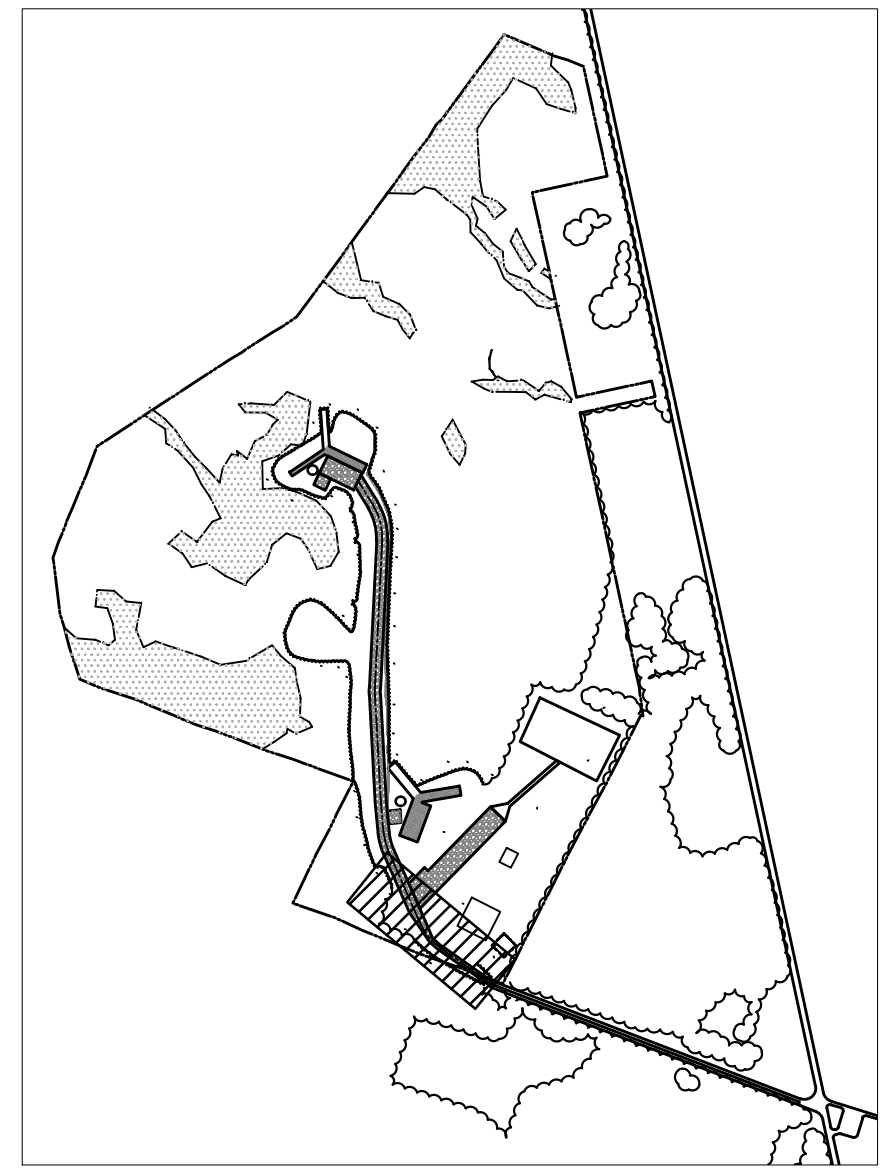
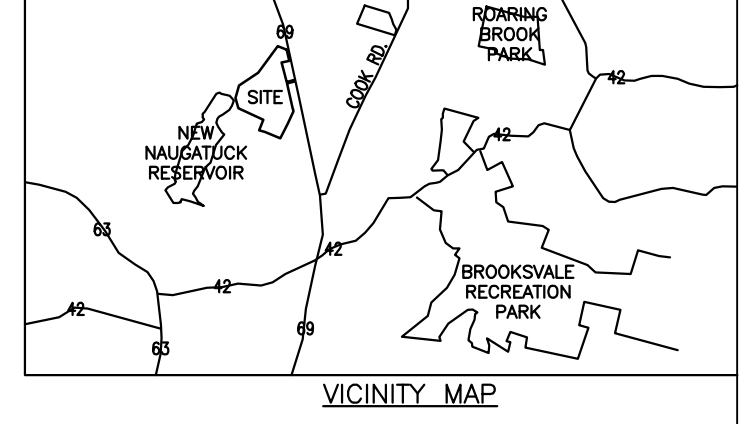
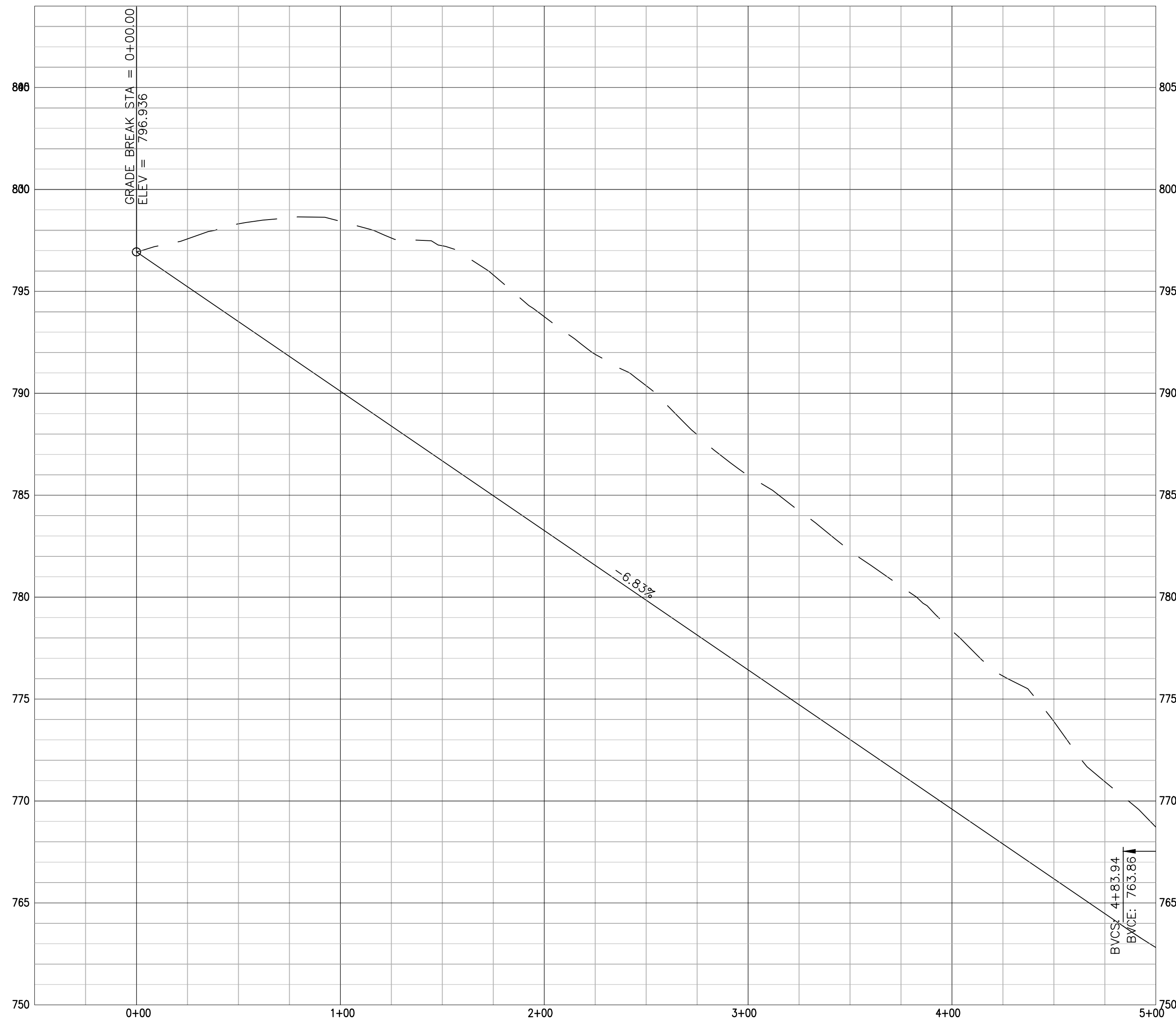
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STATION: 0+00 - 5+00



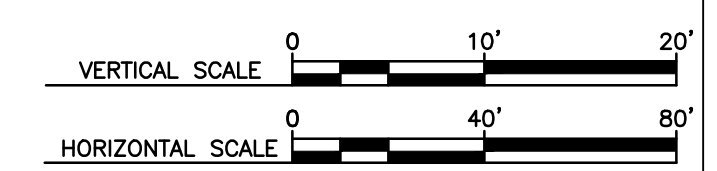
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DESIGNED BY:	DATE:	DATE:
TLK	03-08-11	03-08-11
TLK	03-08-11	03-08-11
TLK	03-08-11	03-08-11
TLK	03-08-11	03-08-11
TLK	03-08-11	03-08-11

ZAPATA
 6302 FAIRVIEW ROAD, SUITE 200, FAIRVIEW, CT 06424
 PHONE: (203) 356-8240
 FAX: (203) 356-8242
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD PLAN AND PROFILE
 STA: 0+00 TO 5+00

SHEET
 IDENTIFICATION
C-304



BNE Energy Inc.
 Producer of green clean energy

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

1

2

3

4

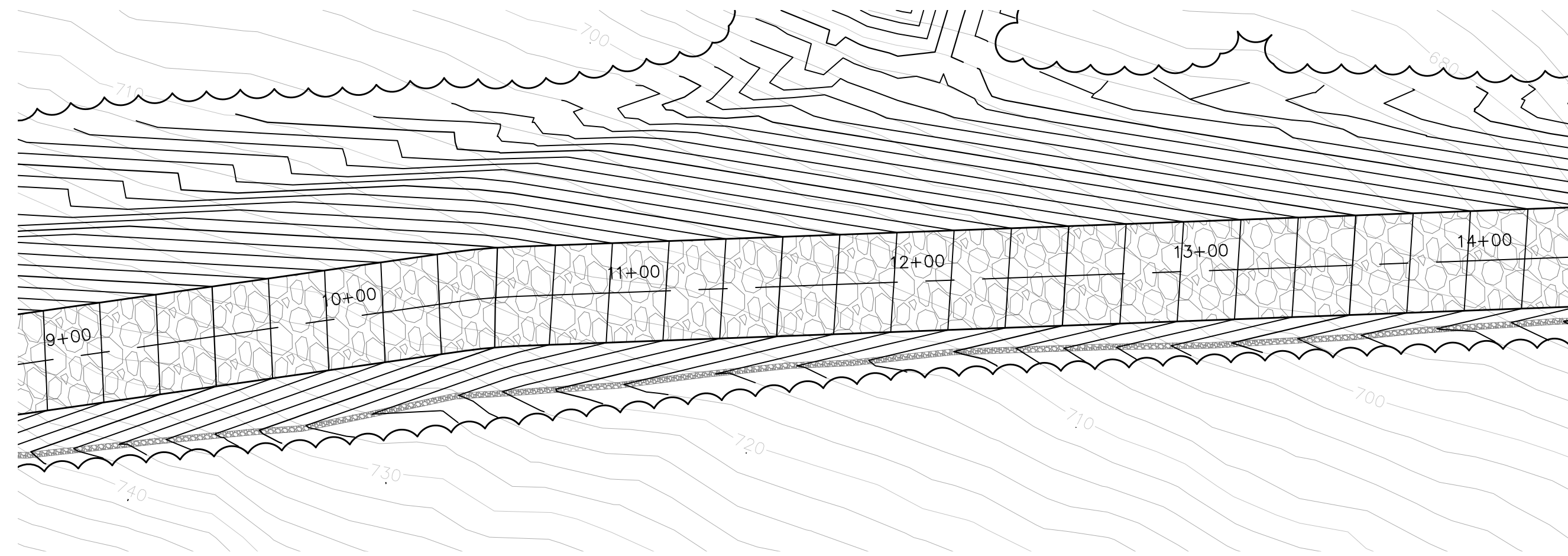
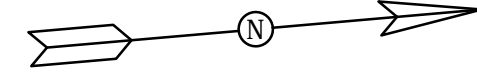
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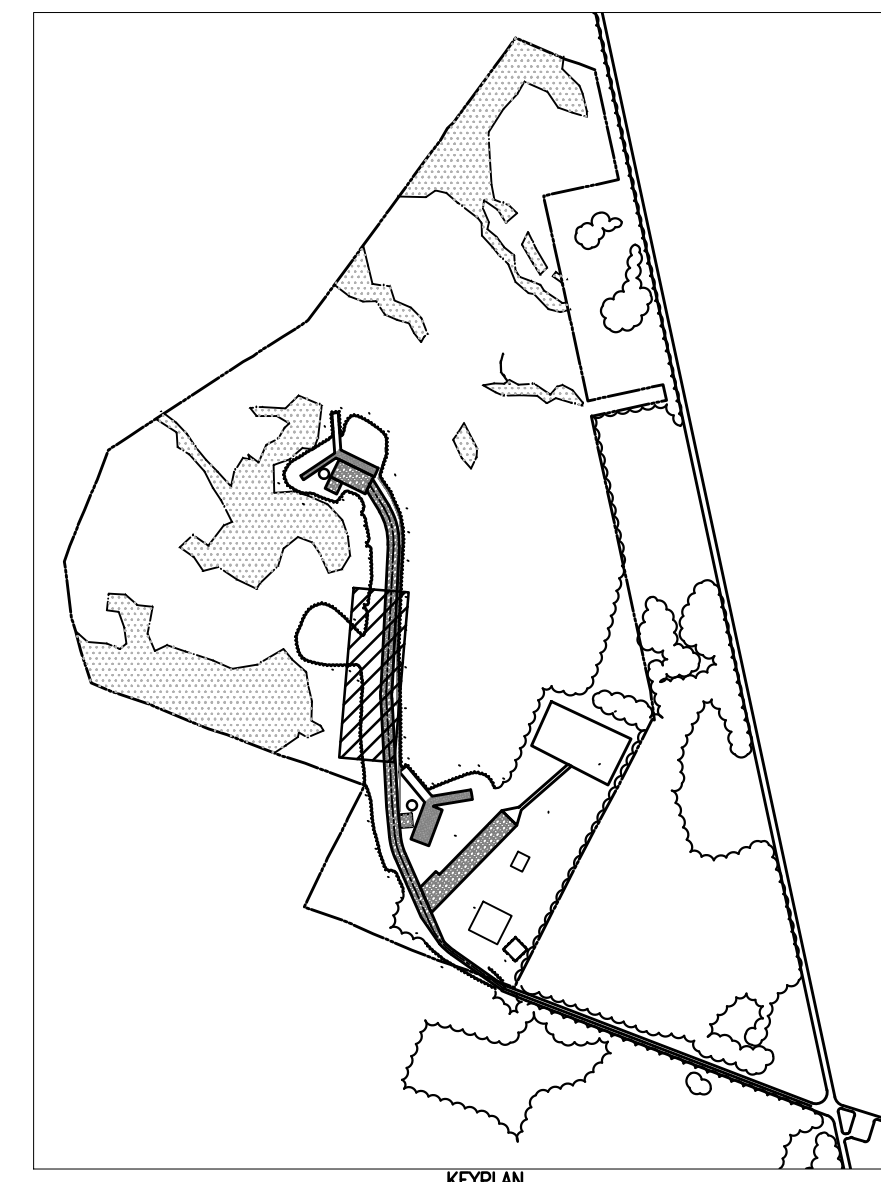
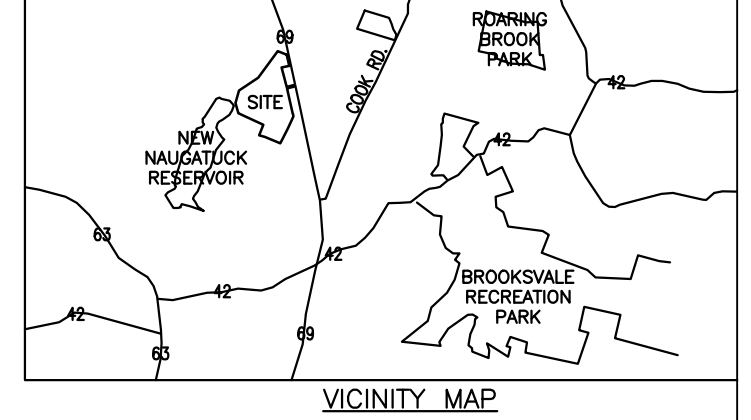
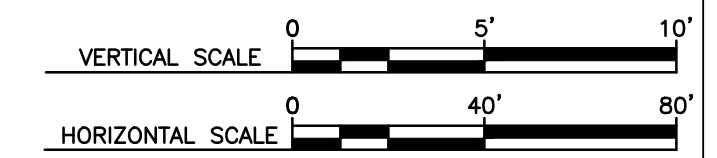
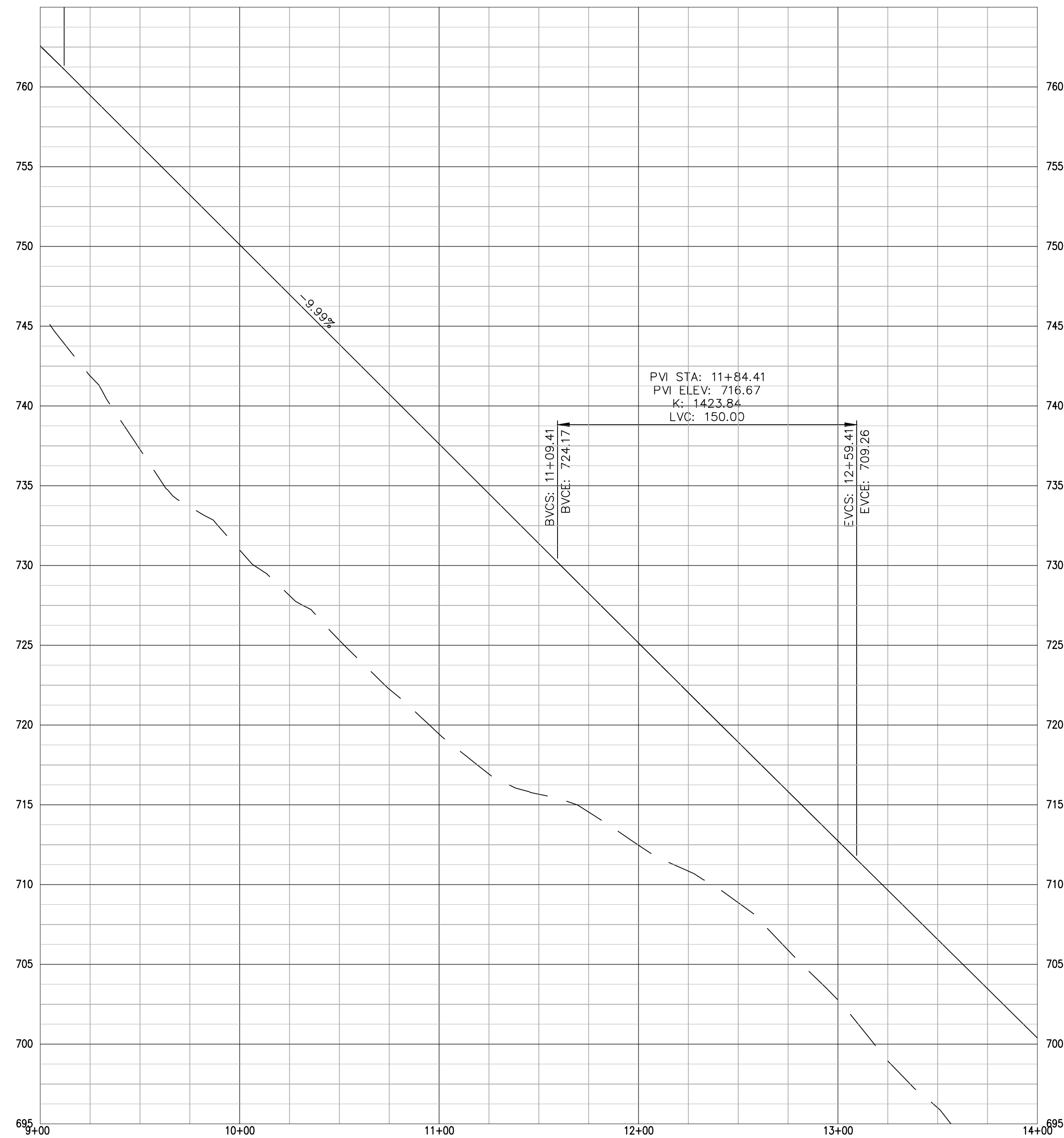
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STATION: 9+00 - 14+00



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
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DESIGNED BY:	DATE:
TLK	11

DESIGNED BY:	DATE:
TLK	11

DESIGNED BY:	DATE:
TLK	11

ZAPATA
 6302 BARVIEW ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 336-8240
 FAX: (203) 336-8242
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD PLAN AND PROFILE
 STA: 9+00 TO 14+00

SHEET
 IDENTIFICATION
C-306

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

1

2

3

4

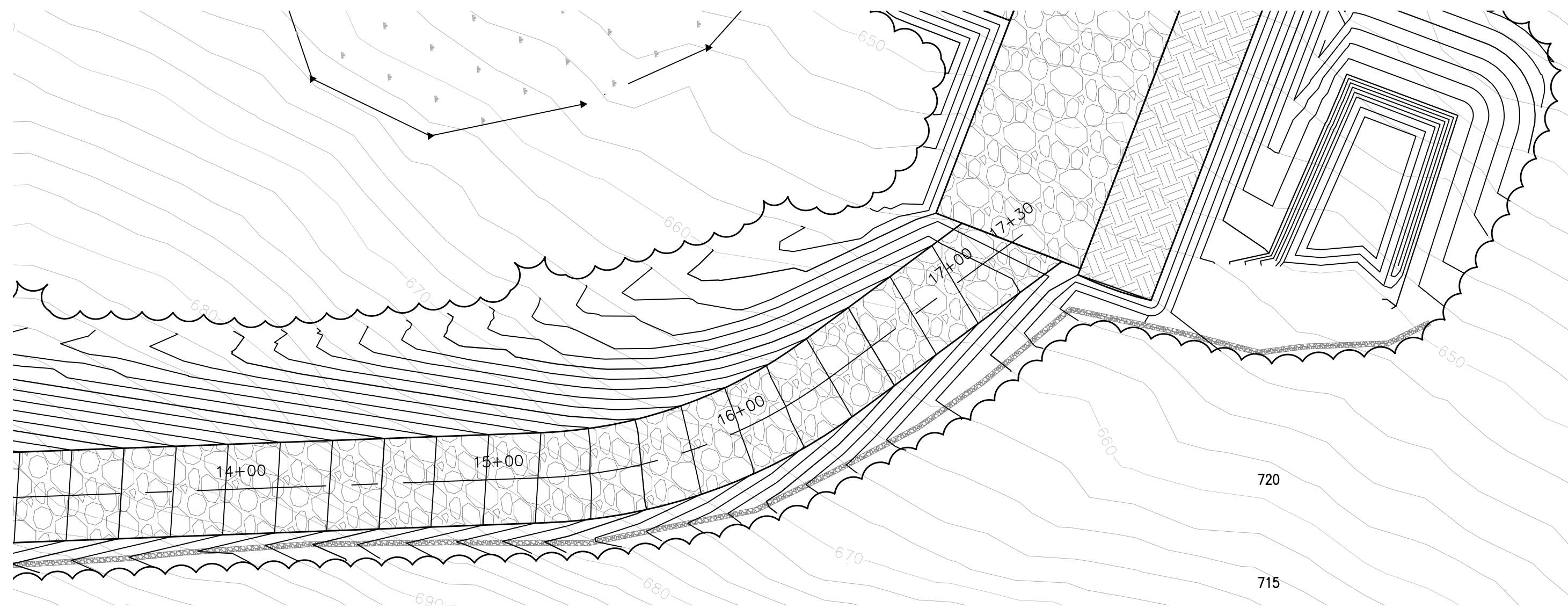
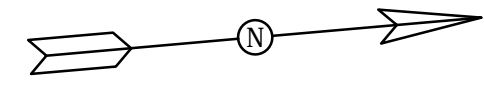
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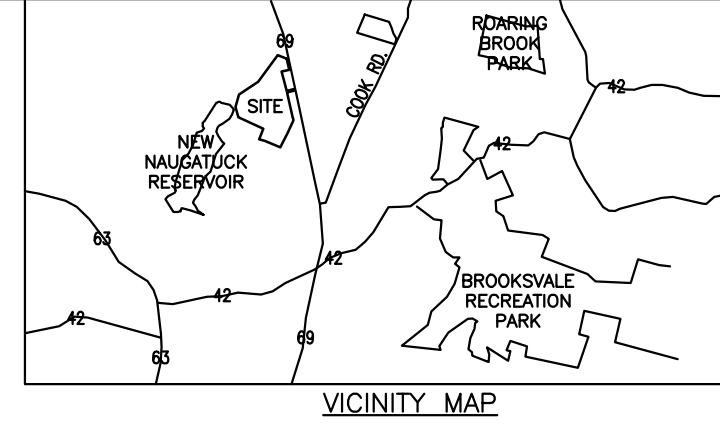
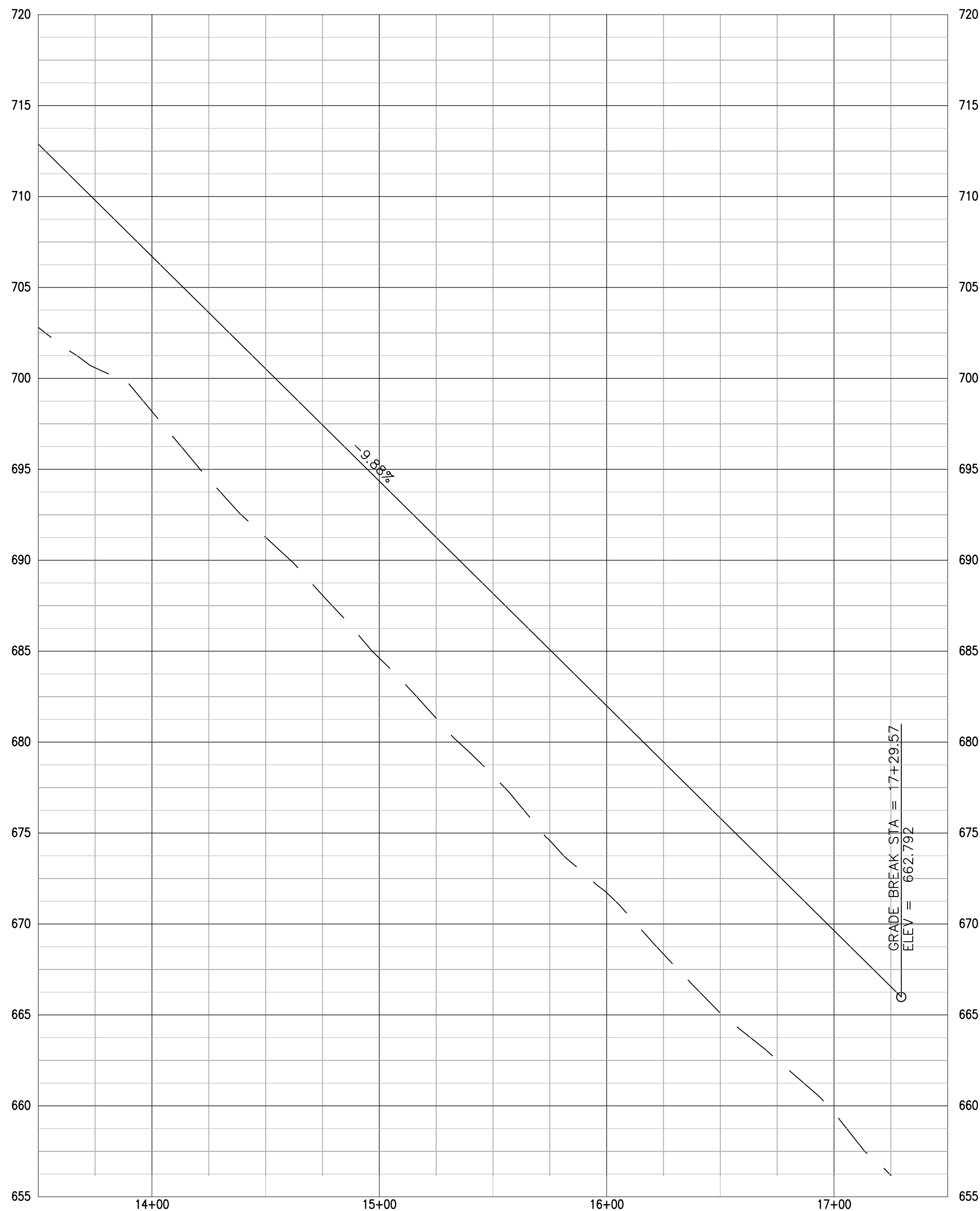
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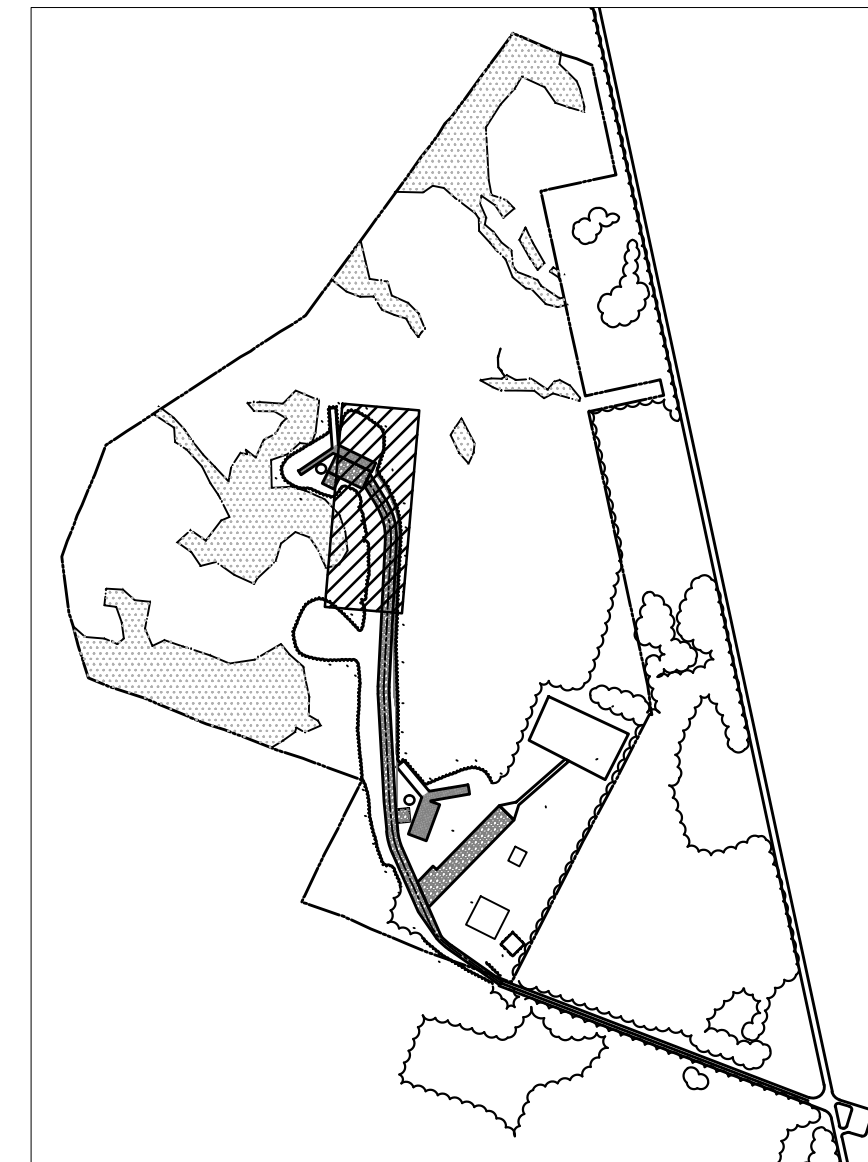
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STATION: 14+00 - 17+29



VICINITY MAP



KEY PLAN

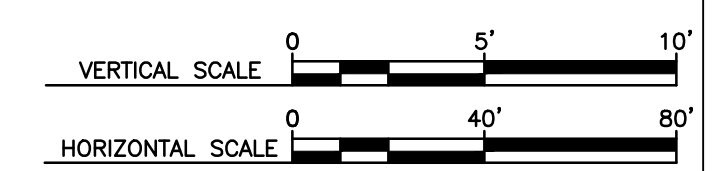
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SUBMITTED BY:	PARCEL NO.:
PLOT SCALE:	TAX MAP #:
AS SHOWN:	FILE NUMBER:
SIZE:	FILE NAME:
ANSI D	

ZAPATA
 6302 FAIRVIEW ROAD, SUITE 200, FAIRVIEW, CT 06424
 PHONE: (203) 356-8240
 FAX: (203) 356-8242
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD PLAN AND PROFILE
 STA: 14+00 TO 17+29

SHEET
 IDENTIFICATION
C-307



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

D

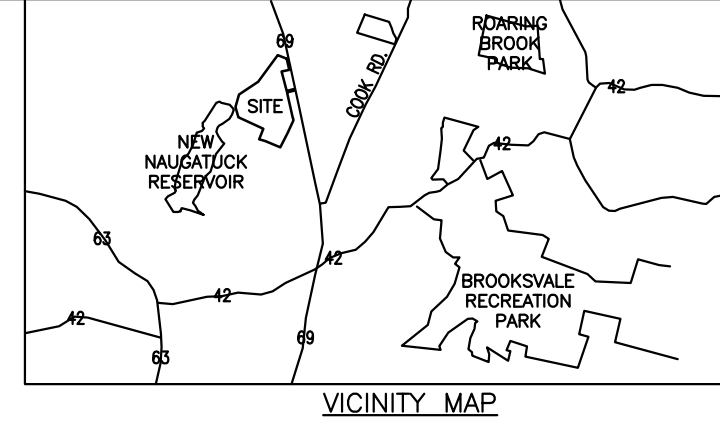
C

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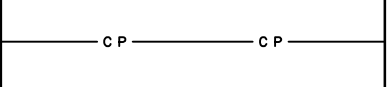
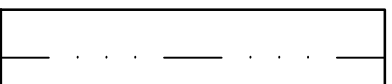
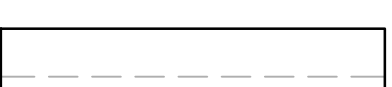
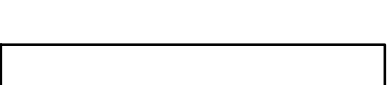
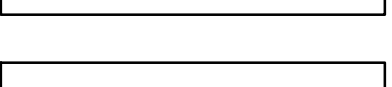
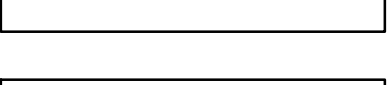
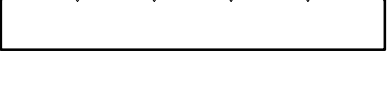


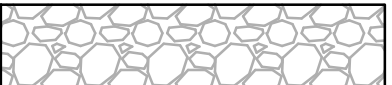
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LEGEND

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

MARK	DESCRIPTION	DATE	APPR.
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1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	OWNER:
SUBMITTED BY:	PARCEL NO.:
PLOT SCALE:	TAX MAP #:
AS SHOWN:	FILE NUMBER:
SIZE:	FILE NAME:
ANSI D	

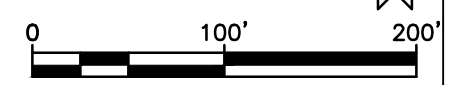
ZAPATA
 6302 FAIRVIEW ROAD, SUITE 200, FAIRVIEW, CT 06424
 PHONE: (704) 356-8240
 FAX: (704) 356-8242
 WWW.ZAPATAINC.COM

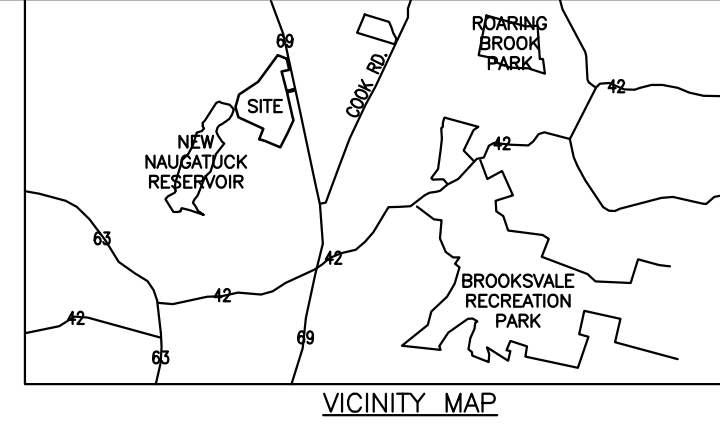
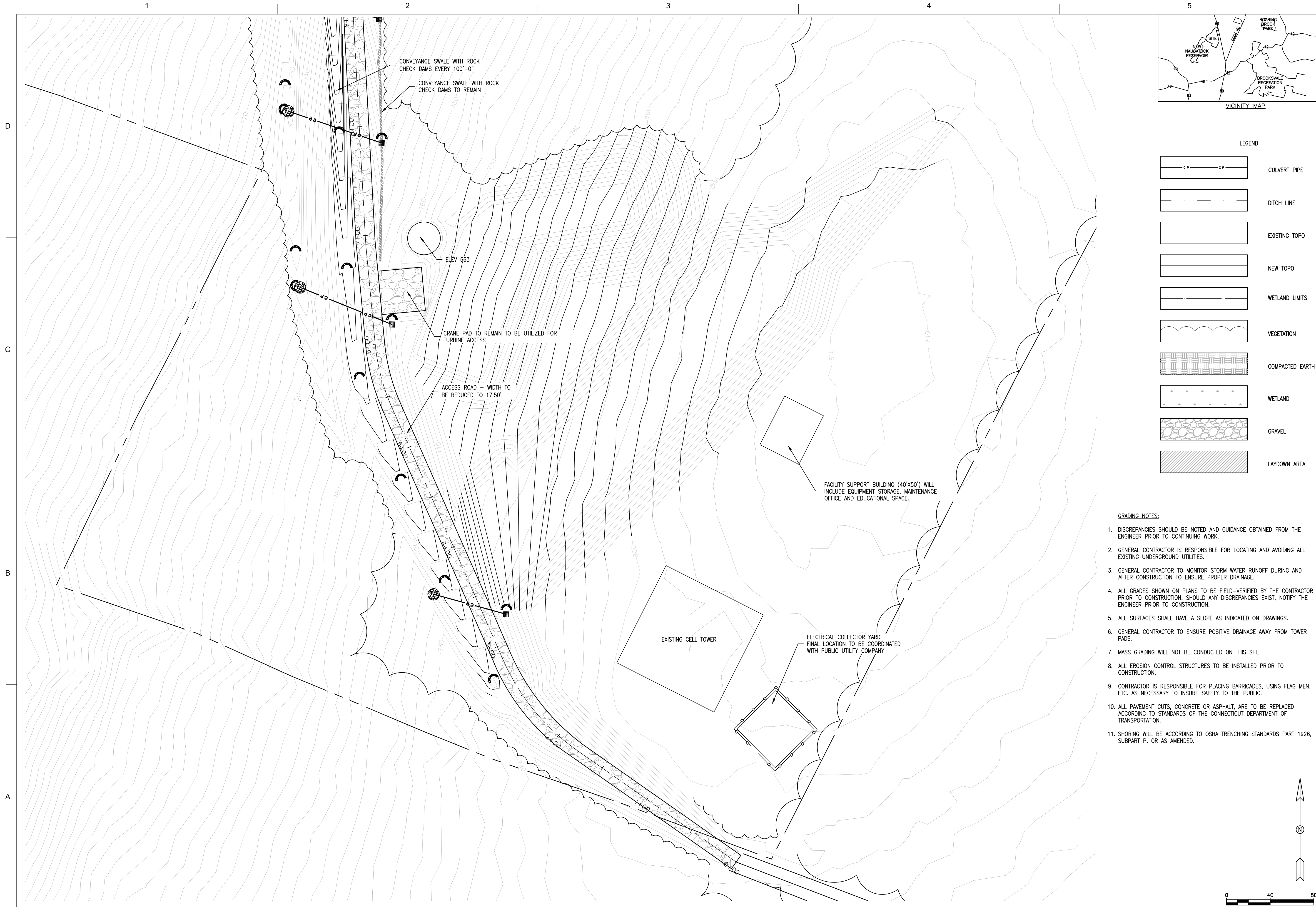
WIND PROSPECT
 CONNECTICUT
 POST-CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-308



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY





LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
	WETLAND
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DESIGNED BY:	DATE:
DRAWN BY:	03-08-11
RSW	TLK
DESIGNED BY:	OWNER:
TLK	BNE ENERGY
DESIGNED BY:	PARCEL NO.:
TLK	12
DESIGNED BY:	TAX MAP NO.:
TLK	12
DESIGNED BY:	FILE NUMBER:
TLK	1385
DESIGNED BY:	FILE NAME:
TLK	1385

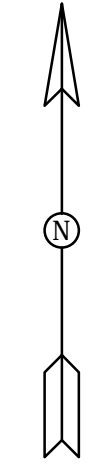
ZAPATA
 6302 HARVEY ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 396-8940
 FAX: (203) 396-8941
 WWW.ZAPATAINC.COM

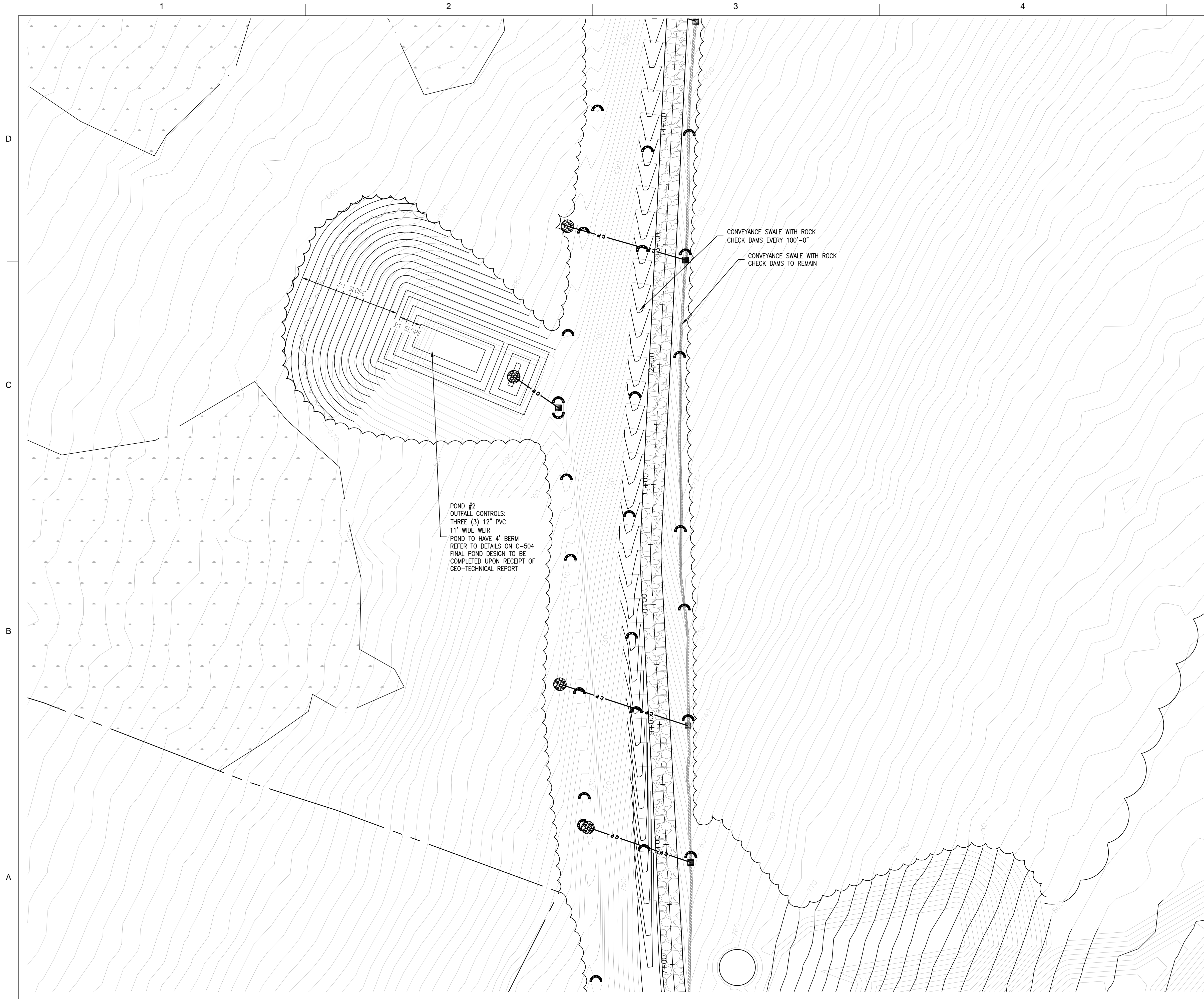
WIND PROSPECT
 CONNECTICUT
 TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA
 POST-CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-309



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

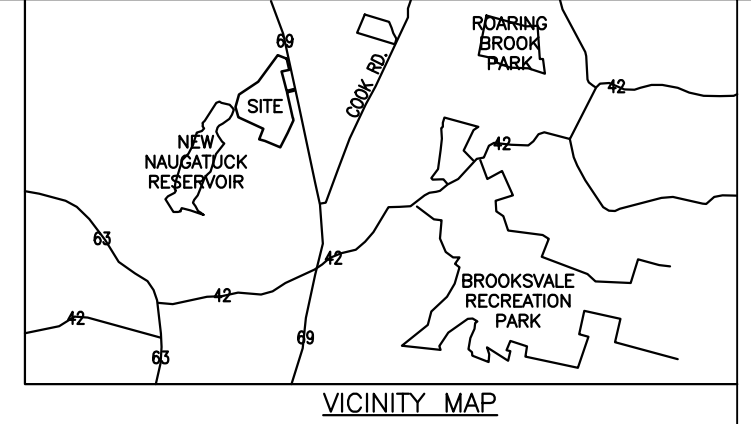




POND #2
 OUTFALL CONTROLS:
 THREE (3) 12" PVC
 11" WIDE WEIR
 POND TO HAVE 4' BERM
 REFER TO DETAILS ON C-504
 FINAL POND DESIGN TO BE
 COMPLETED UPON RECEIPT OF
 GEO-TECHNICAL REPORT

CONVEYANCE SWALE WITH ROCK
 CHECK DAMS EVERY 100'-0"

CONVEYANCE SWALE WITH ROCK
 CHECK DAMS TO REMAIN



LEGEND

	CULVERT PIPE
	DITCH LINE
	EXISTING TOPO
	NEW TOPO
	WETLAND LIMITS
	VEGETATION
	COMPACTED EARTH
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DESIGNED BY:	DATE:
DRAWN BY:	03-08-11
RSW	TLK
DESIGNED BY:	DATE:
TLK	03-08-11
FILE NAME:	1335

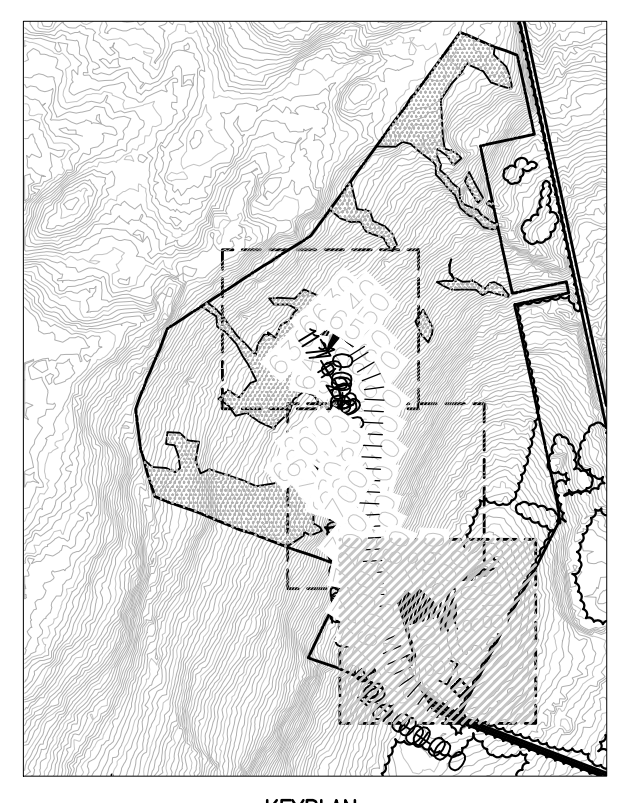
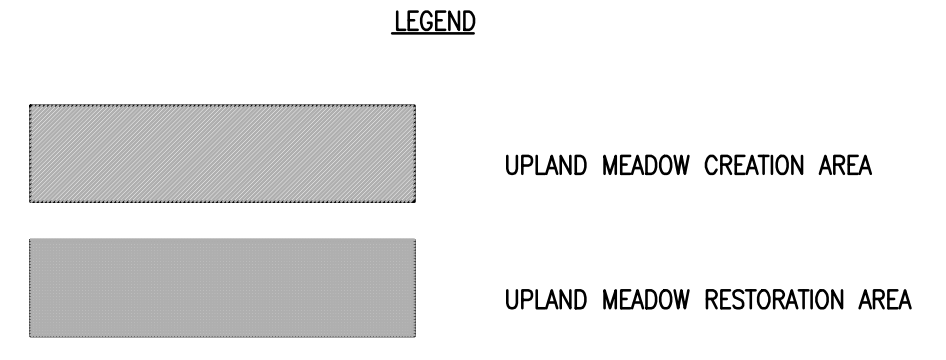
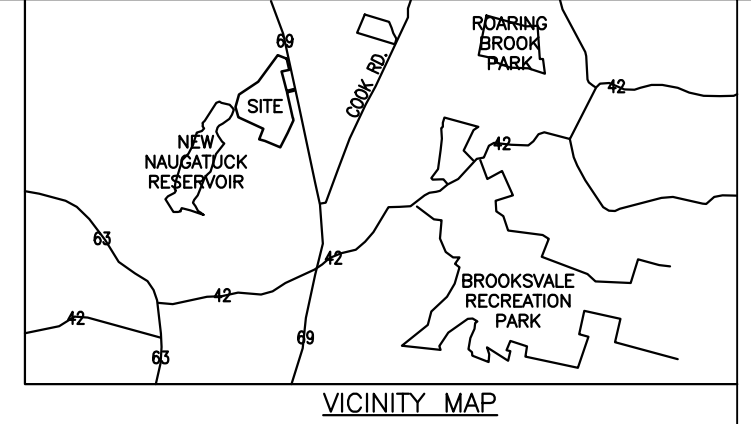
ZAPATA
 ENGINEERS & ARCHITECTS
 6302 LAWRENCE ROAD, SUITE 200, WESTPORT, CT 06880
 PHONE: (203) 356-8240
 FAX: (203) 356-8241
 WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD STA: 9+00 TO 15+00
 POST-CONSTRUCTION GRADING PLAN

SHEET
 IDENTIFICATION
C-310



NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:
DRN BY:	OWNER:
SUBMITTED BY:	PARCEL NO.:
PLOT SCALE:	TAX MAP:
AS SHOWN:	FILE NUMBER:
SIZE:	FILE NAME:
ANSI D	PROJECT NAME:

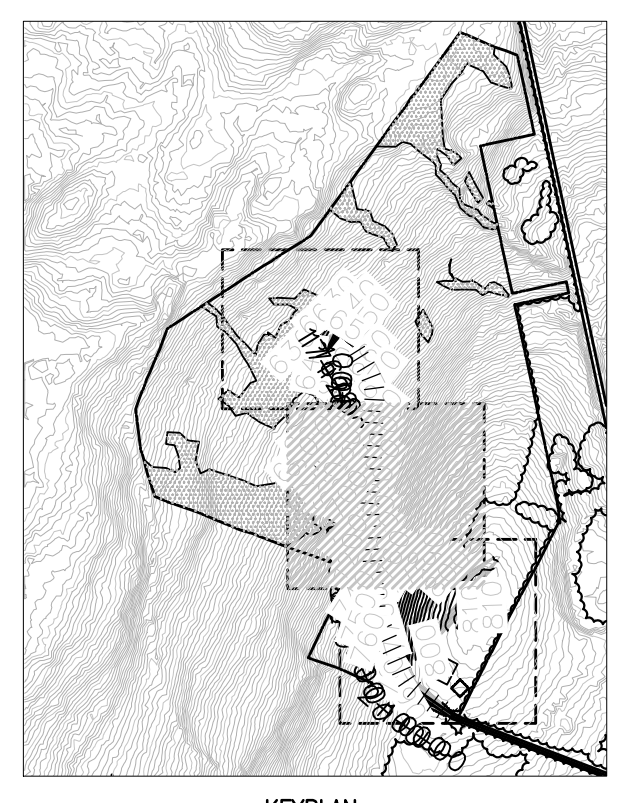
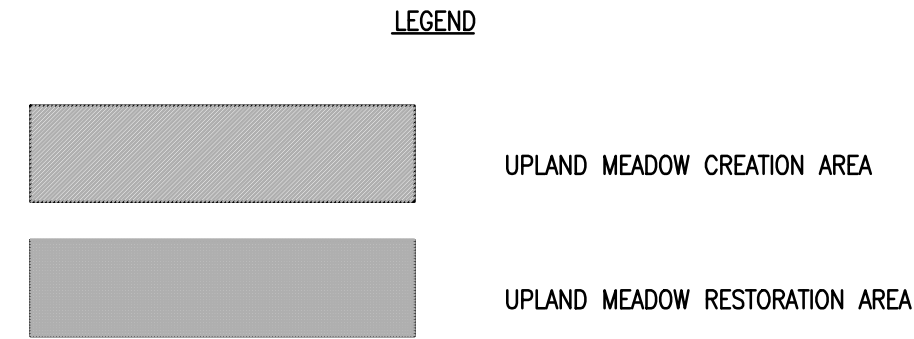
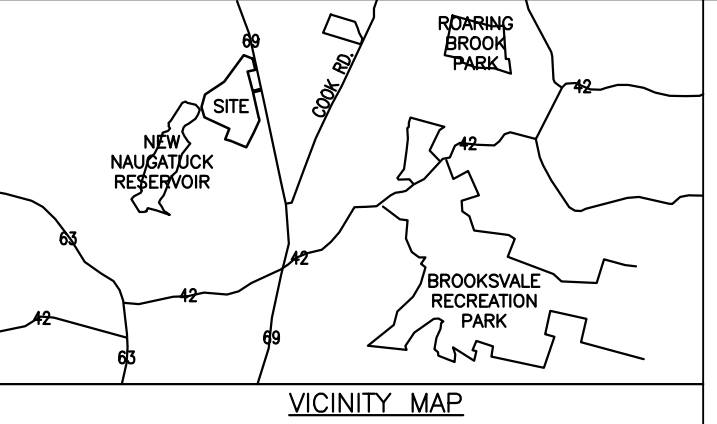
ZAPATA
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WIND PROSPECT
 CONNECTICUT
 TURBINE LOCATION ONE AND CRANE ASSEMBLY AREA
 UPLAND MEADOW
 (CREATION AND RESTORATION) PLAN

SHEET
 IDENTIFICATION
C-313

BNE Energy Inc.
 Producer of green clean energy

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:
DRN BY:	OWNER:
REV BY:	BNE ENERGY
CHK BY:	FILE NAME:
TLK	FILE NUMBER:
TLK	1385
AS SHOWN	AS SHOWN
03-08-11	03-08-11
FILE NUMBER:	FILE NUMBER:
1385	1385

ZAPATA
 6302 LAWREN ROAD, SUITE 200, DANBURY, CT 06810
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 ZAPATA@ZAPATAINC.COM WWW.ZAPATAINC.COM

WIND PROSPECT
 CONNECTICUT
 ACCESS ROAD STA: 9+00 TO 15+00
 UPLAND MEADOW
 (CREATION AND RESTORATION) PLAN

SHEET
 IDENTIFICATION
C-314

BNE Energy Inc.
 Producer of green clean energy

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

PROJECT DESCRIPTION
 THIS PROJECT WILL CONSIST OF THE CONSTRUCTION OF TWO WIND TURBINES, ACCESS ROAD AND OTHER RELATED SUPPORT STRUCTURES.

SITE DESCRIPTION
 THE PROPERTY IS LOCATED AT 178 NEW HAVEN ROAD AND CONSISTS OF 67.5 ACRES. CURRENTLY THE MAJORITY OF THE PROPERTY IS UNDEVELOPED. THERE IS A 160 FOOT TALL TELECOMMUNICATIONS TOWER DEVELOPED IN THE SOUTHEAST CORNER OF THE PROPERTY. THE PROPERTY IS ABUTTED BY THE NEW NAUGATUCK RESERVOIR PROPERTY, WHICH CONSISTS OF APPROXIMATELY 67.50 ACRES OF UNDEVELOPED LAND. THE SURROUNDING LAND USES ARE MIXED, CONSISTING OF BOTH COMMERCIAL AND RESIDENTIAL DEVELOPMENT.

PLANNED SEDIMENTATION AND CONTROL PRACTICES
SEDIMENT FENCE (GSF): WILL RETAIN SEDIMENT FROM SMALL DISTURBED AREAS. SEDIMENT FENCE WILL BE PLACED ALONG SLOPES AS SHOWN ON CONSTRUCTION DETAILS. THE CONTRACTOR WILL USE HIS BEST JUDGMENT TO INSTALL ADDITIONAL SEDIMENT FENCE AS NECESSARY TO PREVENT LOSS OF SEDIMENT. REFER TO SECTION 5-11 OF 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

MAINTENANCE: INSPECT THE SILT FENCE AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. WHEN USED FOR DEWATERING OPERATIONS, INSPECT FREQUENTLY BEFORE, DURING AND AFTER PUMPING OPERATIONS. REMOVE THE SEDIMENT DEPOSITS, OR IF ROOM ALLOWS, INSTALL A SECOND SILT FENCE UP SLOPE FROM THE EXISTING FENCE WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE EXISTING FENCE. REPLACE OR REPAIR WITHIN 24 HOURS OF AN OBSERVED FAILURE. REFER TO CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL FIGURE GF-5 FOR TROUBLESHOOTING FAILURES. MAINTAIN SILT FENCE UNTIL THE CONTRIBUTING AREA IS STABILIZED.

HAY BALE BARRIER (HB): WILL RETAIN SEDIMENT FROM SMALL DISTURBED AREAS. HAY BALES WILL BE PLACED ALONG SLOPES AS SHOWN ON CONSTRUCTION DETAILS. THE CONTRACTOR WILL USE HIS BEST JUDGMENT TO INSTALL ADDITIONAL HAY BALES AS NECESSARY TO PREVENT LOSS OF SEDIMENT. REFER TO SECTION 5-11 OF 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.

MAINTENANCE: INSPECT THE HAY BALE BARRIER AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. WHEN USED FOR DEWATERING OPERATIONS, INSPECT FREQUENTLY BEFORE, DURING AND AFTER PUMPING OPERATIONS. REMOVE THE SEDIMENT DEPOSITS, OR IF ROOM ALLOWS, INSTALL A SECONDARY BARRIER UP SLOPE FROM THE EXISTING BARRIER WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. REPLACE OR REPAIR WITHIN 24 HOURS OF AN OBSERVED FAILURE. REFER TO CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL FIGURE HB-5 FOR TROUBLESHOOTING FAILURES. MAINTAIN HAY BALE BARRIER UNTIL THE CONTRIBUTING AREA IS STABILIZED.

STONE CHECK DAM (SCD): WILL BE USED TO REDUCE VELOCITY OF CONCENTRATED FLOWS, THUS REDUCING EROSION OF THE DRAINAGE WAY.

MAINTENANCE: INSPECT THE STONE CHECK DAM AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. REMOVE THE SEDIMENT DEPOSITS WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE CHECK DAM. REPLACE OR REPAIR WITHIN 24 HOURS OF AN OBSERVED FAILURE. MAINTAIN UNTIL THE CONTRIBUTING AREA IS STABILIZED.

TEMPORARY PIPE SLOPE DRAIN (TSD): WILL BE USED TO CARRY WATER OVER EXCESSIVE CHANGES IN GRADE. TSD'S WILL CONVEY CONCENTRATED STORM WATER RUNOFF FLOWS WITHOUT CAUSING EROSION PROBLEMS EITHER ON OR AT THE TOE OF THE SLOPE.

MAINTENANCE: INSPECT THE TEMPORARY PIPE SLOPE DRAIN AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. REPAIR DAMAGE AS NECESSARY. AVOID THE PLACEMENT OF ANY MATERIAL ON THE TOP OF THE PIPE AND PREVENT VEHICULAR TRAFFIC FROM CROSSING THE SLOPE DRAIN.

TEMPORARY DIVERSION (TD): WILL BE USED TO DIVERT SEDIMENT LADEN RUNOFF FROM A DISTURBED AREA TO A SEDIMENT TRAPPING FACILITY.

MAINTENANCE: WHEN THE TEMPORARY DIVERSION IS LOCATED WITHIN CLOSE PROXIMITY TO ON GOING CONSTRUCTION ACTIVITIES, INSPECT THE DIVERSION AT THE END OF EACH WORK DAY AND IMMEDIATELY REPAIR DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT. OTHERWISE, INSPECT THE TEMPORARY DIVERSION AND ASSOCIATED MEASURES AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. REPAIR WITHIN 24 HOURS OF AN OBSERVED FAILURE.

TEMPORARY FILL BERM (TFB): WILL BE USED TO DIVERT RUNOFF FROM UNPROTECTED FILL SLOPES DURING CONSTRUCTION TO A STABILIZED OUTLET OR SEDIMENT TRAPPING FACILITY.

MAINTENANCE: INSPECT THE TEMPORARY FILL BERM AND ASSOCIATED CONTROLS AT THE END OF EACH WORK DAY TO ENSURE THE CRITERIA FOR INSTALLING THE MEASURES HAVE BEEN MET. DETERMINE IF REPAIR OR MODIFICATION IS NEEDED. THIS MEASURE IS TEMPORARY AND UNDER MOST SITUATIONS WILL BE COVERED THE NEXT WORK DAY. MAINTENANCE REQUIREMENTS SHOULD BE MINIMAL. THE CONTRACTOR SHOULD AVOID PLACING OTHER MATERIAL OVER THE BERM AND CONSTRUCTION TRAFFIC SHOULD NOT BE ALLOWED TO CROSS.

TEMPORARY SEDIMENT TRAP (TST): WILL BE USED TO DETAIN SEDIMENT LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW THE MAJORITY OF

SEDIMENT TO SETTLE OUT.

MAINTENANCE: INSPECT THE TEMPORARY SEDIMENT TRAP AND ASSOCIATED CONTROLS AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. CHECK THE OUTLET TO VERIFY THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. THE HEIGHT OF THE STONE OUTLET SHOULD BE MAINTAINED AT LEAST 1 FOOT BELOW THE CREST OF THE EMBANKMENT. WHEN SEDIMENT HAS ACCUMULATED MORE THAN ONE QUARTER OF THE MINIMUM WET STORAGE VOLUME, DEWATER AND REMOVE SEDIMENT AS NECESSARY TO RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.

CONSTRUCTION ENTRANCE (CE): WILL BE USED TO REDUCE TRACKING OF SEDIMENT OFF SITE TO PAVED AREAS.

MAINTENANCE: MAINTAIN THE ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENT ONTO PAVED SURFACES. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS REQUIRED. IMMEDIATELY REMOVE ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES.

TREE PROTECTION (TP): WILL BE USED TO ENSURE THE SURVIVAL OF EXISTING DESIRABLE TREES FOR THEIR EFFECTIVENESS IN SOIL EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION.

MAINTENANCE: INSPECT TREE PROTECTION ZONES WEEKLY DURING SITE CONSTRUCTION FOR DAMAGE TO THE TREE CROWN, TRUNK AND ROOT SYSTEM. WHEN TRUNKS HAVE BEEN DAMAGED OR THE PROTECTION ZONE HAS BEEN COMPROMISED, CONSULT AN ARBORIST LICENSED IN CT TO DETERMINE HOW DAMAGE SHOULD BE ADDRESSED.

TEMPORARY EROSION CONTROL BLANKETS (ECB): WILL BE USED TO PROVIDE TEMPORARY SURFACE PROTECTION TO DISTURBED SOILS TO ABSORB RAINDROP IMPACT AND TO REDUCE SHEET AND RILL EROSION. TEMPORARY SEDIMENT CONTROL BLANKET SHOULD BE INSTALLED ON FILL SLOPES ADJACENT TO THE BLADE LAY DOWN AREA AT TURBINE LOCATION TWO AFTER THE SLOPES HAVE BEEN CONSTRUCTED.

MAINTENANCE: INSPECT TEMPORARY EROSION CONTROL BLANKETS AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS. REPAIR ANY DISLODGED OR FAILED BLANKETS IMMEDIATELY.

CONSTRUCTION SEQUENCE

ACCESS ROAD

1. FLAG THE LIMITS OF CONSTRUCTION, ROADWAY BASE-LINE, AND TREE PROTECTION ZONES.

2. CONDUCT PRECONSTRUCTION MEETING.

3. CONDUCT TREE CUTTING MEETING.

4. INSTALL THE CONSTRUCTION ENTRANCE.

5. INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE E&S PLAN.

6. CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. CHIP BRUSH AND SLASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE

7. CONSTRUCT SEDIMENT TRAPS.

8. EXCAVATE ALL STUMPS LOCATED IN THE STRUCTURAL AREA AND REMOVE TO A DISPOSAL SITE OR STOCKPILE AREA TO BE CHIPPED. STUMPS IN NON-STRUCTURAL AREAS MAY BE GROUND IN PLACE OR CUT FLUSH WITH THE GROUND LEVEL AND LEFT IN PLACE IN ACCORDANCE WITH THE PLANS.

9. STRIP ALL TOPSOIL WITHIN THE ROADWAY BASE-LINE AND SLOPE LIMITS. STOCKPILE ALL TOPSOIL IN AN APPROVED AREA AND SECURE WITH EROSION AND SEDIMENT CONTROLS.

10. CUT OR FILL THE PROPOSED ROADWAY TO ESTABLISH THE SUB-GRADE.

11. PLACE, GRADE AND COMPACT THE AGGREGATE IN THE ROADWAY BASE.

12. APPLY STABILIZATION MEASURES TO REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL PLAN.

EQUIPMENT LAY-DOWN AREAS

1. FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.

2. HOLD PRECONSTRUCTION MEETING.

3. FLAG REMAINDER OF THE LIMITS OF CONSTRUCTION AND TREE PROTECTION ZONES.

4. INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE E&S PLAN.

5. CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. CHIP BRUSH AND LASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE.

6. CONSTRUCT SEDIMENT TRAPS.

7. STRIP AND STOCKPILE ALL TOPSOIL THAT IS WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE AND REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS. EITHER REMOVE TREE STUMPS TO AN APPROVED DISPOSAL SITE OR CHIP IN PLACE AS INDICATED ON THE PLANS.

8. MAKE ALL CUTS AND FILLS REQUIRED. ESTABLISH THE SUB GRADE FOR THE EQUIPMENT LAY DOWN AREAS AS REQUIRED. ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOTPRINT OF THE BUILDING FOR THE CONSTRUCTION ACTIVITIES.

9. BEGIN CONSTRUCTION OF THE TOWER.

10. PRIOR TO INSTALLING SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.

11. UPON SUBSTANTIAL COMPLETION TOWERS, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS.

12. AFTER SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.

STANDARD EROSION AND SEDIMENT CONTROL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND LOCAL AGENCIES AS REQUIRED PRIOR TO COMMENCING ANY LAND DISTURBING ACTIVITY. UNLESS SPECIFICALLY WAIVED BY THE AGENCY A PRECONSTRUCTION CONFERENCE IS REQUIRED.

2. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLANS AND CONSTRUCTION SEQUENCE AND SHALL HAVE THEM INSPECTED AND APPROVED BY THE AGENCY INSPECTOR AT THE BEGINNING OF ANY OTHER LAND DISTURBING ACTIVITY. MINOR SEDIMENT CONTROL DEVICE LOCATION ADJUSTMENTS MAY BE MADE IN THE FIELD WITH APPROVAL OF ENGINEER AND/OR INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREA IS DIRECTED TO THE SEDIMENT CONTROL DEVICES AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR APPROVAL. THE CONTRACTOR MUST OBTAIN PRIOR AGENCY APPROVAL FOR CHANGES TO THE SEDIMENT CONTROL PLAN AND / OR SEQUENCE OF CONSTRUCTION.

3. THE CONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO PUBLIC ROADS. ALL MATERIAL DEPOSITED ONTO PUBLIC ROADS SHALL BE REMOVED IMMEDIATELY.

4. THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN AN EFFECTIVE OPERATION CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED. ALL SEDIMENT BASINS, TRAP EMBANKMENTS AND SLOPES, PERIMETER DIKES, SWALES, AND ALL DISTURBED SLOPES STEEPER OR EQUAL TO 3:1 SHALL BE STABILIZED WITH APPROVED STABILIZATION MEASURES AS SOON AS POSSIBLE BUT NO LATER THAN 7 DAYS AFTER ESTABLISHMENT. ALL AREAS DISTURBED OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM MUST BE MINIMIZED. MAINTENANCE MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.

5. THE CONTRACTOR SHALL APPLY SOD OR SEED AND ANCHORED STRAW MULCH OR OTHER STABILIZATION MEASURES TO ALL DISTURBED AREAS AND STOCKPILES WITHIN 14 CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED IN THE AREA. MAINTENANCE MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.

6. PRIOR TO REMOVAL OF THE SEDIMENT CONTROL MEASURES, THE CONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHERE THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN PERFORMED TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE BUT NO LATER THAN 14 DAYS AFTER ESTABLISHMENT. WHEN PROPERTY IS BROUGHT TO FINISH GRADE DURING THE MONTHS OF NOVEMBER TO FEBRUARY AND PERMANENT STABILIZATION IS IMPRACTICAL, TEMPORARY SEEDING AND ANCHORED MULCH SHALL BE APPLIED TO DISTURBED AREAS.

7. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE APPLIED BY MARCH 15 OR EARLIER IF GROUND AND WEATHER CONDITIONS ALLOW.

8. THE SITES APPROVAL LETTER, APPROVED EROSION CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS.

9. SURFACE DRAINAGE FLOWS OVER UN-STABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING DRAINAGE FLOWS FROM TRAVERSING THE SLOPES OR BY INSTALLING PROTECTIVE DEVICES TO LOWER THE WATER DOWN THE SLOPE WITHOUT CAUSING EROSION. DIKES SHALL BE INSTALLED AND MAINTAINED AT THE TOP OF A CUT OR FILL SLOPE UNTIL THE SLOPE AND DRAINAGE AREA TO IT ARE FULLY STABILIZED, AT WHICH TIME THEY MUST BE REMOVED AND FINAL GRADING COMPLETED TO PROMOTE SHEET FLOW. PROTECTIVE MEASURES MUST BE EMPLOYED IN AREAS WHERE CONCENTRATE FLOW IS LIKELY TO OCCUR.

10. PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED FLOW SHALL BE STABILIZED WITH SOD OR SEED WITH AN APPROVED EROSION CONTROL MATTING, RIP-RAP, OR BY OTHER APPROVED STABILIZATION MEASURES. TEMPORARY SEDIMENT CONTROL DEVICES MAY BE REMOVED UPON APPROVAL OF INSPECTOR, WITHIN 30

DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTING DRAINAGE AREAS. STORM WATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO PERMANENT CONFIGURATION DURING THIS TIME PERIOD AS WELL.

11. NO PERMANENT CUT OR FILL SLOPE WITH A GRADIENT GREATER THAN 3:1 WILL BE PERMITTED IN LAWN MAINTENANCE AREAS. A SLOPE GRADIENT OF UP TO 2:1 WILL BE PERMITTED IN NON-MAINTENANCE AREAS PROVIDED THAT THOSE ARE INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN WITH A LOW MAINTENANCE GROUND COVER SPECIFIED FOR PERMANENT STABILIZATION. SLOPE GRADIENTS GREATER THAN 2:1 WILL NOT BE PERMITTED WITH VEGETATIVE STABILIZATION.

12. FOR FINISHED GRADING THE CONTRACTOR SHALL PROVIDE ADEQUATE GRADIENTS TO PREVENT WATER FROM PONDING FOR MORE THAN 24 HOURS AFTER THE END OF A RAINFALL EVENT. DRAINAGE COURSES AND SWALES MAY TAKE UP TO 48 HOURS AFTER THE END OF A RAINFALL EVENT TO DRAIN. AREAS DESIGNED TO HAVE STANDING WATER SHALL NOT BE REQUIRED TO MEET THIS REQUIREMENT.

13. SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN 20 FEET OF A FOUNDATION THAT EXISTS OR IS UNDER CONSTRUCTION. NO STRUCTURES SHALL BE CONSTRUCTED WITHIN 20 FEET OF AN ACTIVE SEDIMENT TRAP OR BASIN.

14. THE SEDIMENT AND EROSION CONTROL INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES IF DEEMED NECESSARY.

15. ALL TRAP DEPTHS DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS MUST HAVE A STABLE OUTFALL. ALL TRAPS AND BASINS MUST HAVE STABLE INFLOW POINTS.

16. VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL AND EROSION CONTROL. REFER TO APPROPRIATE SPECIFICATIONS FOR TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, SODDING, AND GROUND COVERS.

17. SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OF BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE BOTTOM TO THE CREST OF THE OUTLET.

18. SEDIMENT REMOVED FROM THE TRAPS SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND, OR TREE SAVE AREA. WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT MAY BE UTILIZED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT. ALL WATER REMOVED FROM EXCAVATED AREAS SHALL BE PASSED THROUGH AN APPROVED DEWATERING PRACTICE OR PUMPED TO A SEDIMENT TRAP OR BASIN PRIOR TO DISCHARGE FROM THE SITE.

19. WHERE DEEMED NECESSARY BY THE ENGINEER OR INSPECTOR, SEDIMENT TRAPS AND BASINS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS.

20. ALL WASTE AND BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.

21. SITES WHERE INFILTRATION DEVICES ARE USED FOR THE CONTROL OF STORM WATER, EXTREME CARE MUST BE TAKEN TO PREVENT RUNOFF FROM UN-STABILIZED AREAS FROM ENTERING THE STRUCTURE DURING CONSTRUCTION. SEDIMENT CONTROL DEVICES PLACED IN INFILTRATION AREAS MUST HAVE BOTTOM ELEVATIONS AT LEAST 2 FEET HIGHER THAN THE FINISHED GRADE BOTTOM ELEVATION OF THE INFILTRATION PRACTICE. WHEN CONVERTING A SEDIMENT TRAP TO AN INFILTRATION DEVICE, ALL ACCUMULATED SEDIMENT MUST BE REMOVED AND DISPOSED OF PRIOR TO FINAL GRADING OF THE INFILTRATION DEVICE.

SITE INFORMATION:

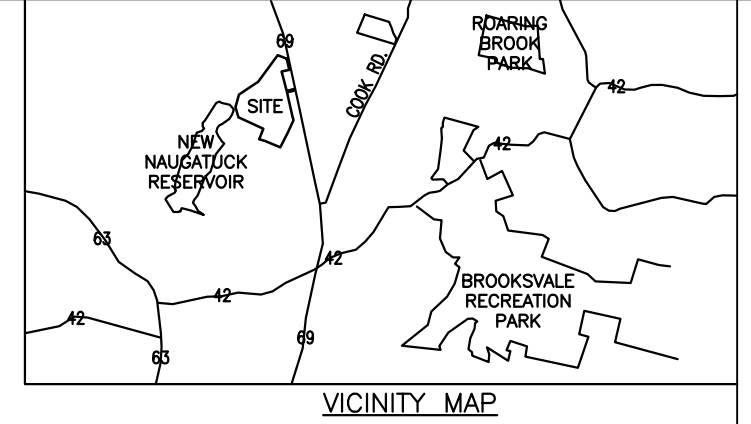
TOTAL PROPERTY AREA: 67.50 ACRES
 TOTAL AREA OF PROJECT SITE: 18.70 ACRES
 TREE AREA TO BE CLEARED 249,901 SQ. FT. / 5.74 ACRES
 AREA TO BE DISTURBED: 426,366 SQ. FT. / 9.79 ACRES
 AREA WITHIN 100' WETLAND OFFSET: 48,050 SQ. FT. / 1.10 ACRES

CONSTRUCTION PHASE:

TOTAL CUT: 58,684 CUBIC YARDS
 TOTAL FILL: 48,410 CUBIC YARDS
 NET CUT: 10,274 CUBIC YARD

POST CONSTRUCTION PHASE:
 TOTAL CUT: 12562 CUBIC YARDS
 TOTAL FILL: 52978 CUBIC YARDS
 NET FILL: 40416 CUBIC YARDS

OFF-SITE WASTE / BORROW AREA LOCATION: NOT APPLICABLE



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	03-08-11
CHECKED BY:	TLK
QUANTITY:	TLK
CONTRACTOR:	BNE ENERGY
SUBMITTED BY:	PARCEL NO.:
ZAPATA, INC.	TAX MAP 112, BLOCK 88, LOT 178
PLOT SCALE:	FILE NUMBER:
AS SHOWN	03-08-11
SIZE:	1365
ANSI D	FILE NAME:

ZAPATA
 PROJECT CONSULTANTS
 6302 LAWRENCE ROAD, SUITE 200A, PHOENIX, IOWA 52060-8640
 TEL: 319.336.1100 FAX: 319.336.1101 WWW.ZAPATAINC.COM

WIND PROSPECT CONNECTICUT
 EROSION CONTROL NOTES

SHEET IDENTIFICATION
C-500

THIRD PARTY INSPECTIONS

1. A THIRD PARTY ENVIRONMENTAL INSPECTOR SHALL INSPECT THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES AND THE CONNECTICUT WATER COMPANY SHALL BE CONTACTED A MINIMUM OF 48 HOURS PRIOR TO THE START OF EROSION AND SEDIMENTATION CONTROLS INSTALLATION. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE THIRD PARTY ENVIRONMENTAL INSPECTOR, CONNECTICUT WATER COMPANY AND GENERAL CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

2. A THIRD PARTY ENVIRONMENTAL INSPECTOR WILL MONITOR EROSION AND SEDIMENTATION CONTROLS THROUGHOUT THE CONSTRUCTION PERIOD TO ENSURE THAT CONTROLS ARE PROPERLY MAINTAINED AND ANY RECOMMENDATIONS TO REMEDIATE FAILING CONTROLS OR REMOVE ACCUMULATED SEDIMENT ARE IMPLEMENTED BY THE CONTRACTOR IN A TIMELY FASHION.

3. A THIRD PARTY ENVIRONMENTAL INSPECTOR SHALL MONITOR EROSION AND SEDIMENTATION CONTROLS ON A WEEKLY BASIS OR WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.5 INCHES OR GREATER.

4. EROSION AND SEDIMENTATION CONTROL MONITORING REPORTS WILL BE PREPARED BY THE THIRD PARTY ENVIRONMENTAL INSPECTOR ON A BI-WEEKLY BASIS AND SUBMITTED TO THE CONNECTICUT SITING COUNCIL AND CONNECTICUT WATER COMPANY. IF SIGNIFICANT FAILURE OF EROSION AND SEDIMENTATION CONTROLS RESULT IN IMPACT TO WETLAND RESOURCES ON THE SUBJECT PROPERTY, THE CONNECTICUT SITING COUNCIL WILL BE NOTIFIED WITHIN 24 HOURS AND CONNECTICUT WATER COMPANY SHALL BE NOTIFIED IMMEDIATELY OF SUCH AN EVENT AND RECOMMENDED REMEDIATION MEASURES WILL BE IDENTIFIED.

5. THE CONNECTICUT WATER COMPANY SHALL BE CONTACTED A MINIMUM OF 48 HOURS PRIOR TO THE START OF INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND WILL HAVE ACCESS TO THE SITE AT ALL TIMES FOR INSPECTION.

SPILL PREVENTION PLAN

THE PROPOSED PROJECT IS LOCATED IN THE NEW NAUGATUCK RESERVOIR PUBLIC DRINKING WATER SUPPLY WATERSHED. AS A RESULT, THE CONTRACTOR SHALL TAKE CERTAIN PRECAUTIONS NECESSARY TO CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OIL, HYDRAULIC FLUID, ETC.) SPILLS. A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL SHALL BE MAINTAINED ON SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM SHALL BE KEPT ON SITE TO CONTAIN ANY USED ABSORBENT PADS/MATERIAL FOR PROPER DISPOSAL OFF SITE. REFUELING AND MAINTENANCE OF VEHICLES OR MACHINERY SHALL TAKE PLACE IN A DESIGNATED AREA WITHIN THE CRANE ASSEMBLY AREA. FUEL AND OTHER HAZARDOUS MATERIALS SHALL BE STORED WITHIN A DESIGNATED AREA WITHIN THE CRANE ASSEMBLY AREA AND UTILIZE APPROPRIATE SECONDARY CONTAINMENT.

THE FOLLOWING PROCEDURES SHALL BE ADHERED TO BY THE CONTRACTOR IN CASE OF A PETROLEUM RELEASE.

INITIAL RESPONSE

- STOP OPERATIONS AND SHUT OFF EQUIPMENT.
- REMOVE ANY SOURCES OF SPARK OR FLAME.
- CONTAIN THE SOURCE OF THE SPILL.
- DETERMINE THE APPROXIMATE VOLUME OF THE SPILL.
- IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WATERWAYS OR WETLANDS.
- ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL.

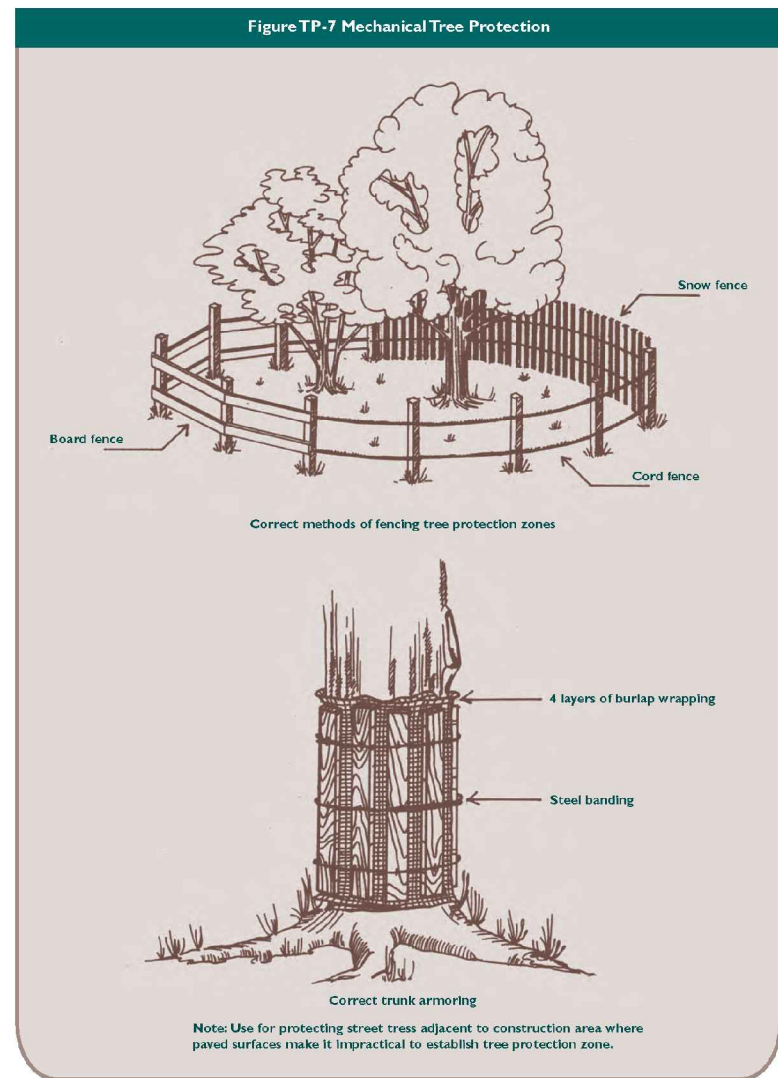
CLEAN UP & CONTAINMENT

- OBTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL RESPONSE KIT.
- LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL.
- CONTACT THE CONNECTICUT WATER COMPANY IMMEDIATELY AT (800) 428-3985 OR (860) 669-8630 ALONG WITH OTHER APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.
- CONTACT A DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED MATERIALS.

FOLLOW-UP

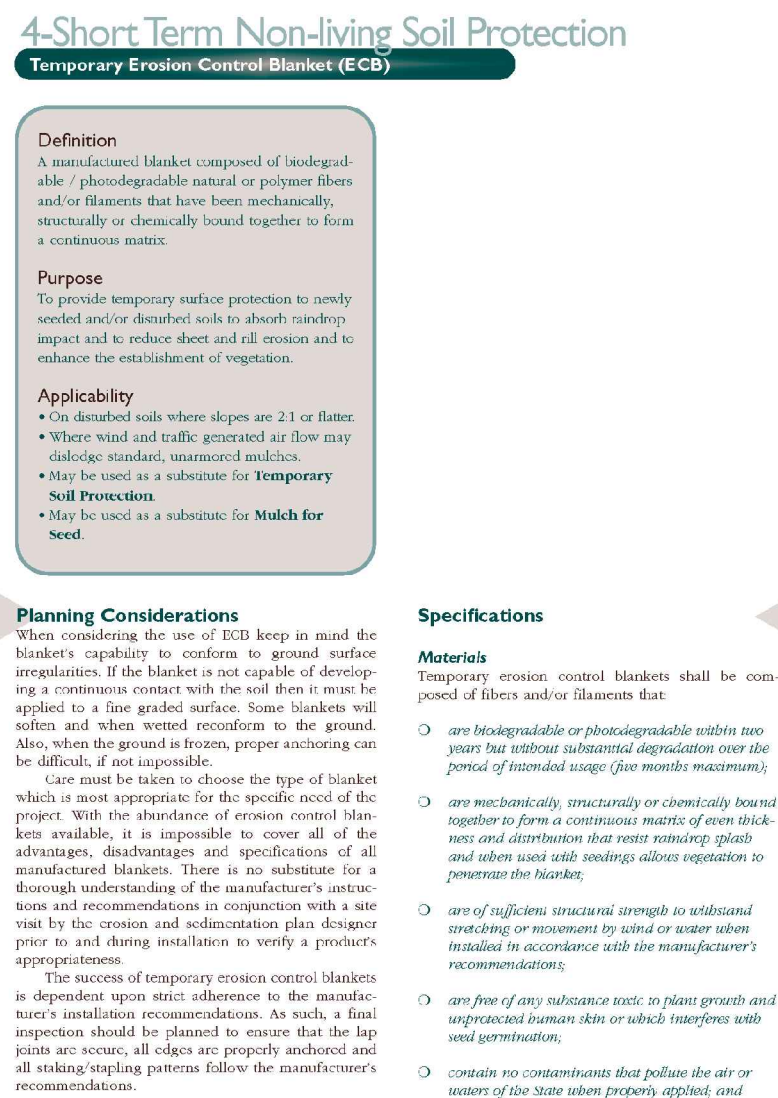
- COMPLETE AN INCIDENT REPORT.
- SUBMIT A COMPLETED INCIDENT REPORT TO THE CONNECTICUT WATER COMPANY.

SEDIMENT AND EROSION CONTROL SHALL BE STRICTLY ENFORCED.

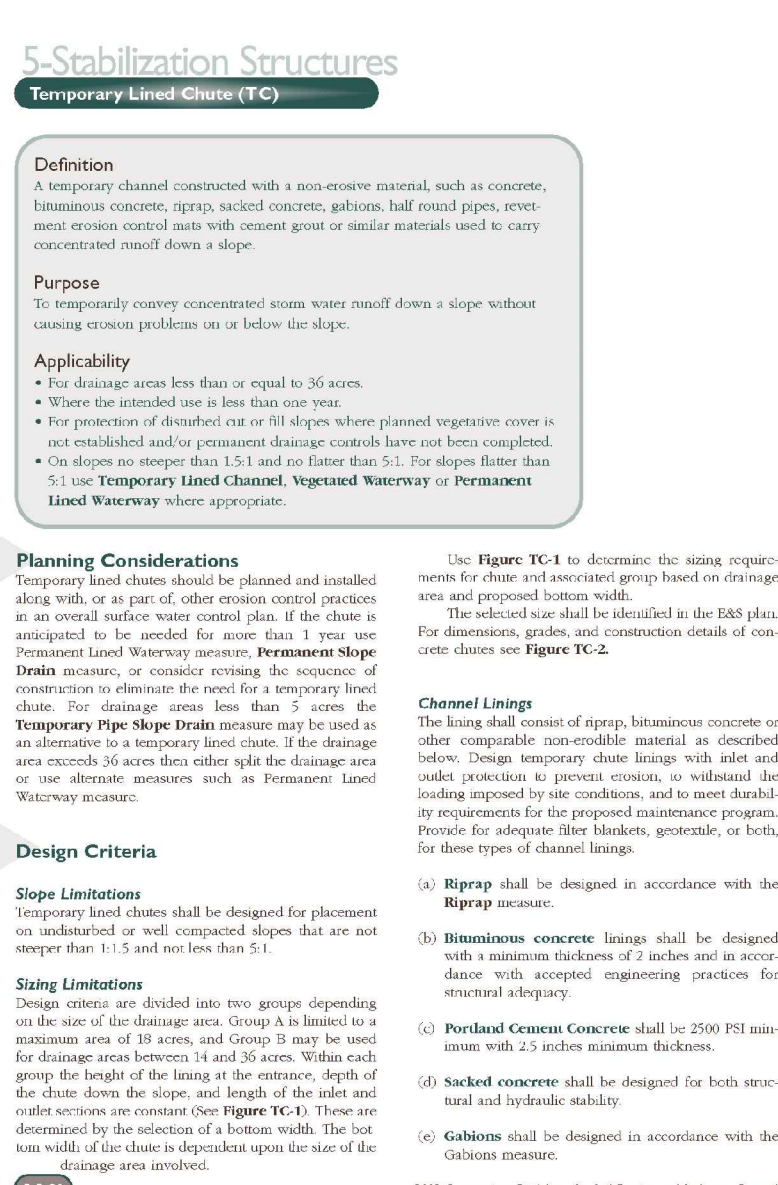


2002 Connecticut Guidelines for Soil Erosion and Sediment Control
 Adapted from Virginia Erosion and Sediment Control Handbook, 1992

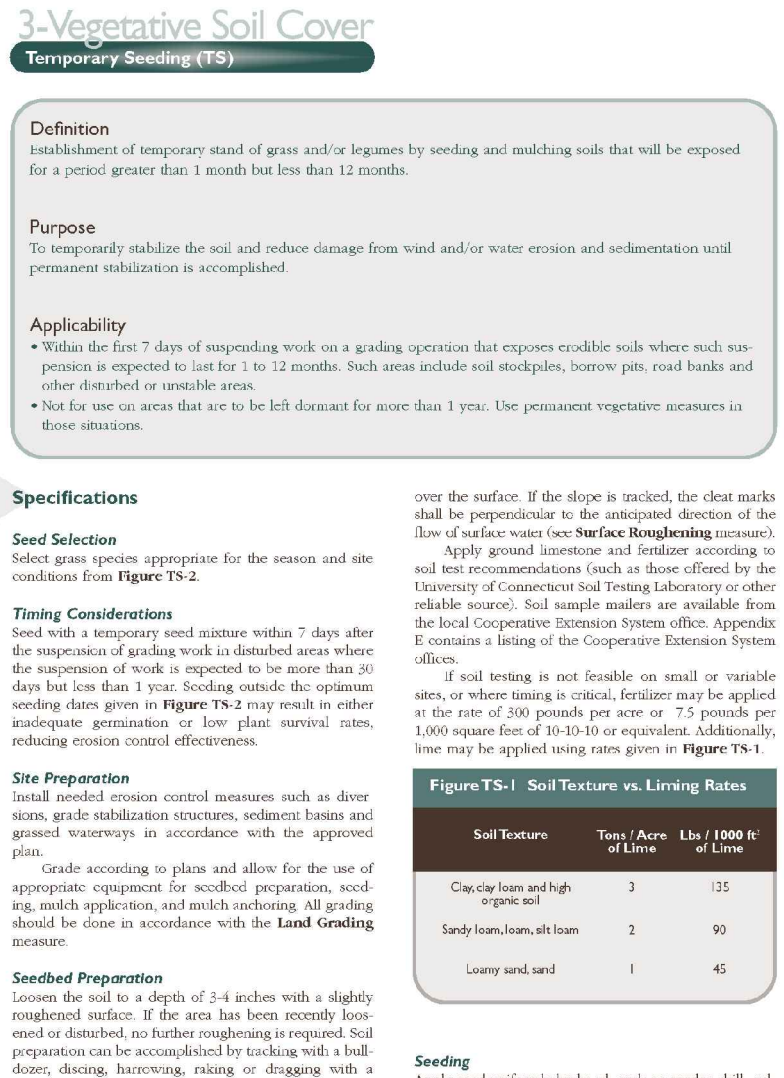
1 TREE PROTECTION
 Scale: NTS



3 GEO-TEXTILE MAT
 Scale: NTS

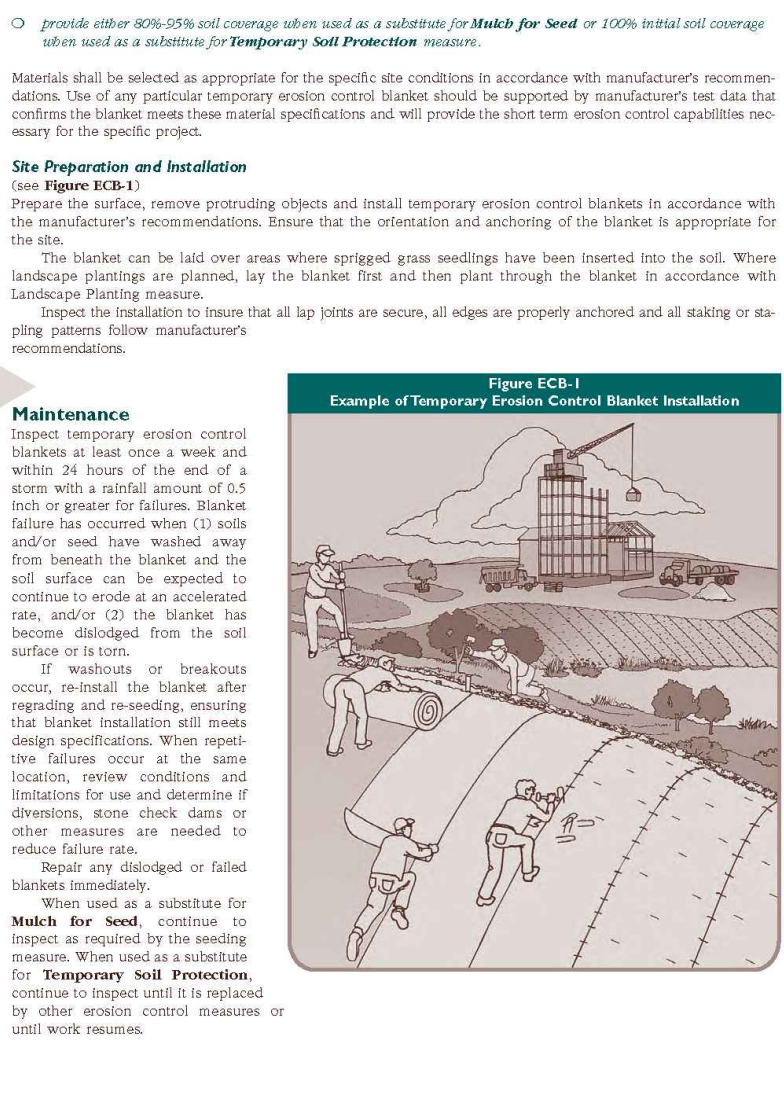


4 LINED CHUTE STABILIZATION
 Scale: NTS

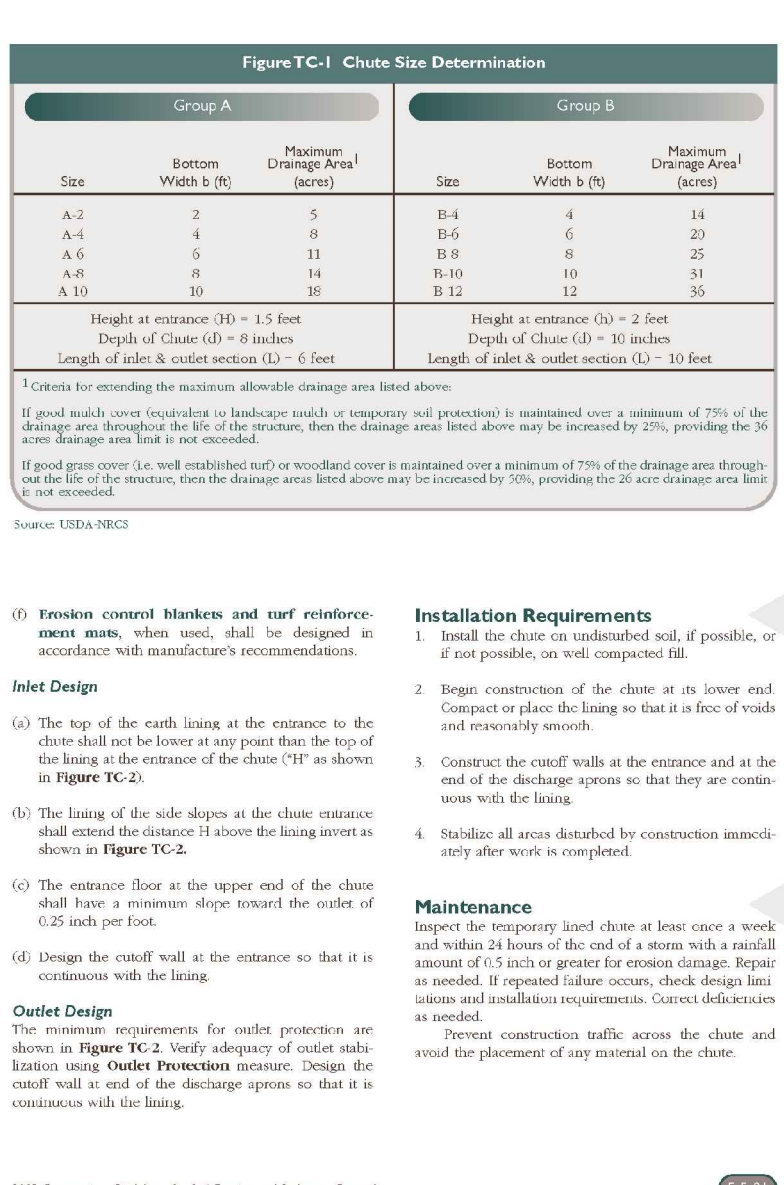


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2 SOIL COVER
 Scale: NTS



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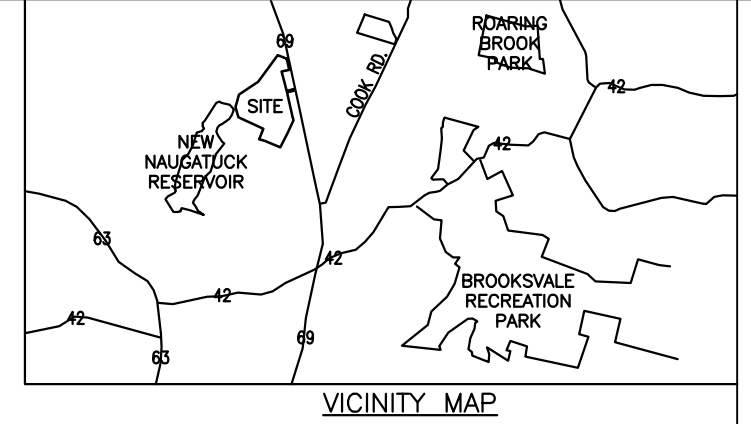
2002 Connecticut Guidelines for Soil Erosion and Sediment Control

Source: USDA-NRCS



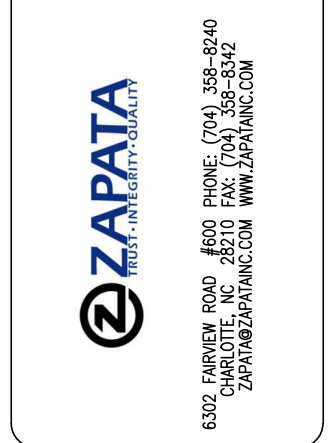
2002 Connecticut Guidelines for Soil Erosion and Sediment Control

3-3



MARK	DESCRIPTION	DATE	APPR.
3	INCORPORATED REQUESTED REVISIONS	03-08-11	MLC
2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:
DRAWN BY:	03-08-11
CHECKED BY:	TLK
APPROVED BY:	BNE ENERGY
PROJECT NO.:	PARCEL NO.:
17A-MP-112-BLOCK 66, LOT 178	17A-MP-112-BLOCK 66, LOT 178
FILE NUMBER:	FILE NUMBER:
03-08-11	03-08-11
AS SHOWN	AS SHOWN
FILE NAME:	FILE NAME:
1365	1365



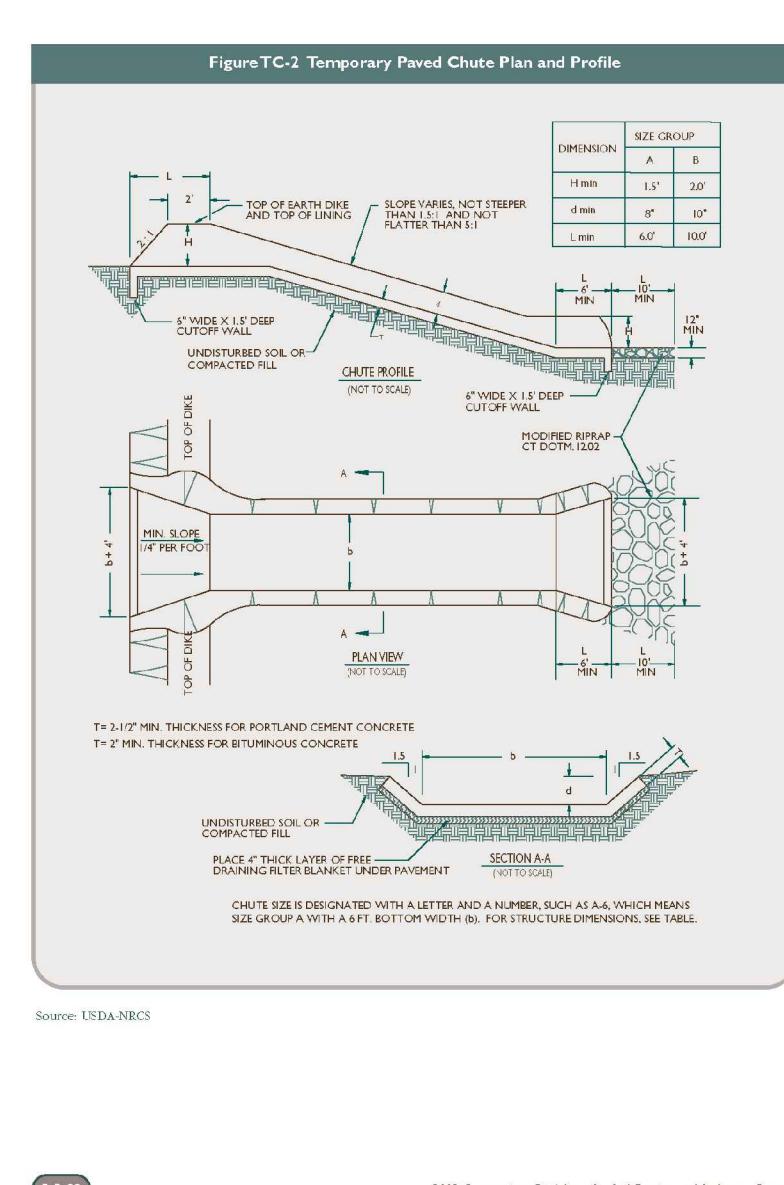
Species	Seeding Rate (lb/1000 sq ft)	Seeding Dates	Plant Characteristics
Annual ryegrass	45	10/15 - 11/15	Use for erosion control. Will cover one of more acres.
Perennial ryegrass	45	10/15 - 11/15	Use for erosion control. Durable and low maintenance.
Wheat	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Orchard grass	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Timothy	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Red clover	120	10/15 - 11/15	Use for erosion control. Will cover one of more acres.
White clover	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Alfalfa	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Timothy	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Orchard grass	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Red clover	120	10/15 - 11/15	Use for erosion control. Will cover one of more acres.
White clover	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Alfalfa	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Timothy	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Orchard grass	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Red clover	120	10/15 - 11/15	Use for erosion control. Will cover one of more acres.
White clover	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
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Timothy	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.
Orchard grass	120	10/15 - 11/15	Quick germination and heavy spring growth. Use back in line with herbicide.

Source: USDA-NRCS



2002 Connecticut Guidelines for Soil Erosion and Sediment Control

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2002 Connecticut Guidelines for Soil Erosion and Sediment Control



SHEET IDENTIFICATION
C-501

NOT FOR CONSTRUCTION - CONNECTICUT SITING COUNCIL USE ONLY

1- Sediment Impoundments, Barriers and Filters

Hay Bale Barrier (HBB)

Definition
A temporary sediment barrier consisting of a row of extended and anchored bales of hay or straw.

Purpose

- To intercept and detain small amounts of sediment from small disturbed areas.
- To reduce the velocity of sheet flows.
- To collect small volumes of water away from erodible soils.
- To settle and store in filtering waters discharged from pumping operations (see Pumping Settling Basins section, Type 1 and Type II).

Applicability

- Below small disturbed areas where the drainage area (disturbed and undisturbed) is less than 1 acre in size.
- Below disturbed slopes to direct surface water away from erodible areas where the drainage area (disturbed and undisturbed) is less than 1 acre in size.
- Where protection and effectiveness is required for less than 3 months.
- Where installation will reduce the capacity of storm drainage systems or adversely affect adjacent areas, watercourses and other sensitive areas.
- Not for use in drainageways, except in special cases where it is applied with other measures (see Geotextile Silt Fence and Stone Check Dam Special Cases).
- Not intended for use at streams.

Planning Considerations
See Planning Considerations for Sediment Impoundments, Barriers and Filters Function Group.

Specifications

Materials
Hay bales shall be made of hay or straw with 40 pounds minimum weight and 120 pounds maximum weight held together by twine or wire.

Stakes for Anchoring Hay Bales shall be a minimum of 36 inches long and made of either hardwood with diameter of at least 1.5 inches square or steel pipe with a minimum weight of 6.5 pounds per linear foot.

Placement on the Landscape
Contributing drainage area to be greater than 1 acre. Maximum slope length is as shown in Figure 11-B-1.

Toe of Slope Locate 5 to 10 feet down gradient from the toe of slope (see Figure 11-B-2, generally on the contour). When the contour can not be followed, stagger the toe installation and install perpendicular wings spaced as shown in Figure 11-B-1 to break the velocity of water flowing behind the bales. The barrier should be located with sufficient distance from the toe of the slope to allow access by equipment for removal of accumulated sediments.

Swales Not recommended. See Geotextile Silt Fence or Stone Check Dam measures.

Catch Basins in Swales on Slopes Not recommended. See Geotextile Silt Fence or Stone Check Dam measures.

Catch Basins in Depressions or Low Spots (Yard Drains) Enclose catchbasin (see Figure 11-B-3).

Culvert Inlets Not recommended. See Geotextile Silt Fence measure.

Culvert Outlets Not recommended. Use Temporary Sediment Trap and/or Stone Check Dam measures.

Pumping Settling Basins See Pumping Settling Basins measure.

Installation (see Figure 11-B-2)
Trench excavations: Excavate a trench as wide as the bales and at least 4 inches deep. Each end of the trench should be winged up-slope so that the bottom of the last bale is higher than the top of the lowest hay bale in the trench.

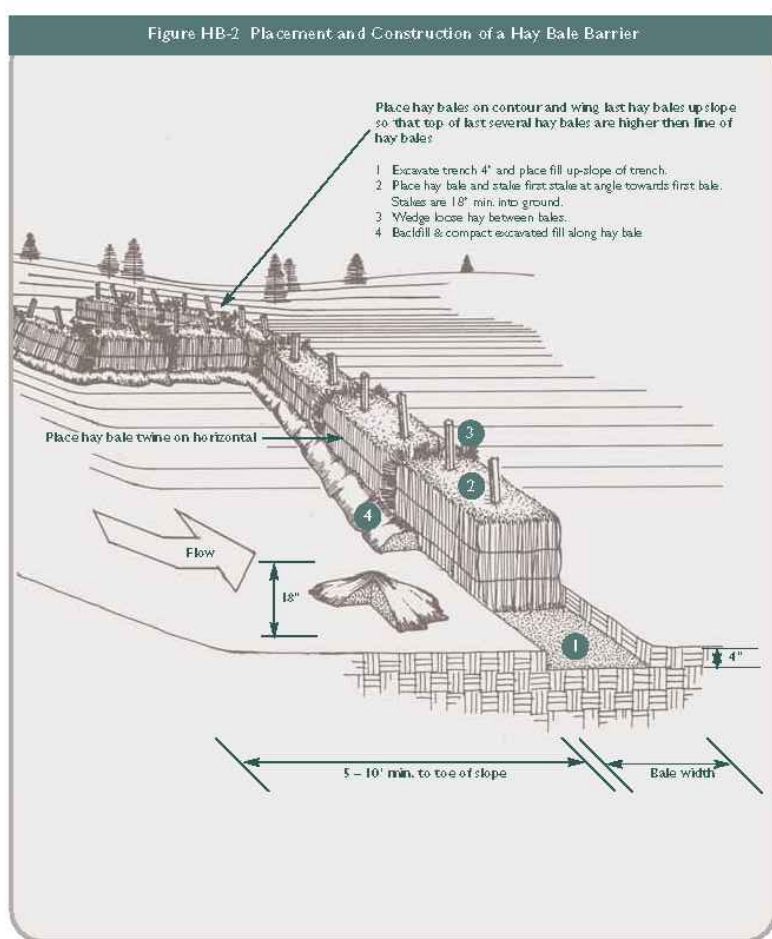


Figure 11-B-2: Placement and Construction of a Hay Bale Barrier

2002 Connecticut Guidelines for Soil Erosion and Sediment Control

1 HAYBALE BARRIER Scale: NTS

1- Sediment Impoundments, Barriers and Filters

Geotextile Silt Fence (GSF)

Definition
A temporary sediment barrier consisting of a geotextile fabric, polypropylene twill and attached to supporting posts and anchored.

Purpose

- To intercept and retain sediment from disturbed areas.
- To decrease the velocity of sheet flows and low volume concentrated flows.

Applicability

- Below small disturbed areas where the contributing drainage area (disturbed and undisturbed) is less than 1 acre in size.
- Below areas where drainage rates and catch basins where sedimentation will reduce the capacity of storm drainage systems or adversely affect adjacent areas, watercourses and other sensitive areas.
- Not for use in areas where rock, frozen ground or other hard surface prevents proper installation of the barrier (see Special Case Combinations in Stone Check Dam measure).
- Prohibited from use in drainageways where flow is supported by ground water discharge.

Planning Considerations
See Planning Considerations for Sediment Impoundments, Barriers and Filters Function Group. When used as a sediment outlet, plan to install the geotextile silt fence before the start of construction and complete the installation of required outlet provisions before the outlet is made functional. It is preferable to install sediment at the outlet rather than at the outlet. Use at outlets should be limited to situations where site controls are not possible or so as a backup to other controls.

Specifications

Materials
Geotextile fabric shall be a permeable sheet of polypropylene twill, polypropylene, cellulose or similar fabric and shall be certified by the manufacturer or supplier as conforming to the requirements shown in Figure 11-G-1. The geotextile shall be non-woven, and shall resist and have sufficient strength and tear resistance for the proposed installation, including handling and backfilling operations. Filaments in the geotextile shall be resistant to abrasion. The filament network must be dimensionally stable and resistant to delamination. The geotextile shall be free of any chemical treatment or coating that will reduce its permeability. The geotextile shall also be free of any lines or defects which will alter its physical properties. Twill or punctured geotextile shall not be used.

Supporting posts shall be at least 12 inches long made of either 2x4 inch square hardwood stakes or steel pipe with provisions for fastening the geotextile possessing a minimum strength of 0.5 percent per linear foot.

Placement on the Landscape
Contributing drainage area 1 acre or less. Maximum slope length is as shown in Figure 11-G-2.

Toe of slope (Figure 11-G-3, locate 5) 10 feet down gradient from the toe of slope, generally on the contour with maintenance and sediment removal requirements as noted. When the contour can not be followed, install the fence such that perpendicular wings are created to break the velocity of water flowing along the fence. See Figure 11-G-2 for spacing requirements.

Swales (see Figure 11-G-4) Locate 12" up slope across swale such that the bottom of both ends of the fence are higher than the top of the lowest section of the fence.

Catch Basins in Swales on Slopes Locate 2" U" shapes across swale as above one immediately up slope from the catch basin and the other immediately down slope from the catch basin.

Catch Basins in Depressions Enclose catch basin.

Culvert Inlets Locate in a "U" shape approximately 6 feet from the culvert in the direction of the incoming flow.

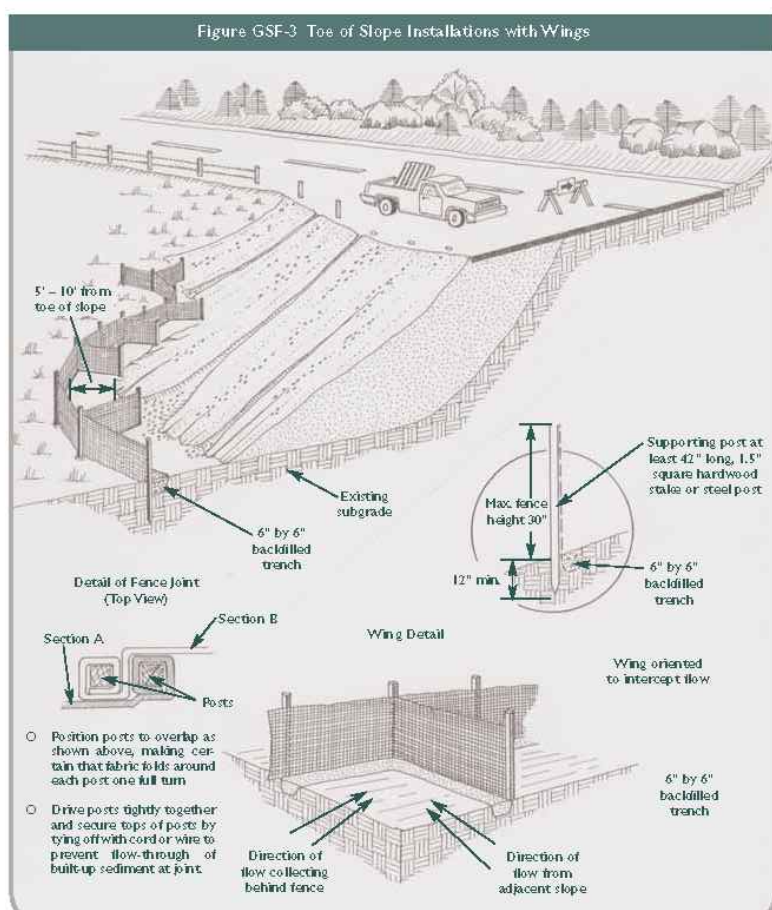


Figure 11-G-3: Toe of Slope Installations with Wings

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2 GEOTEXTILE SILT FENCE Scale: NTS

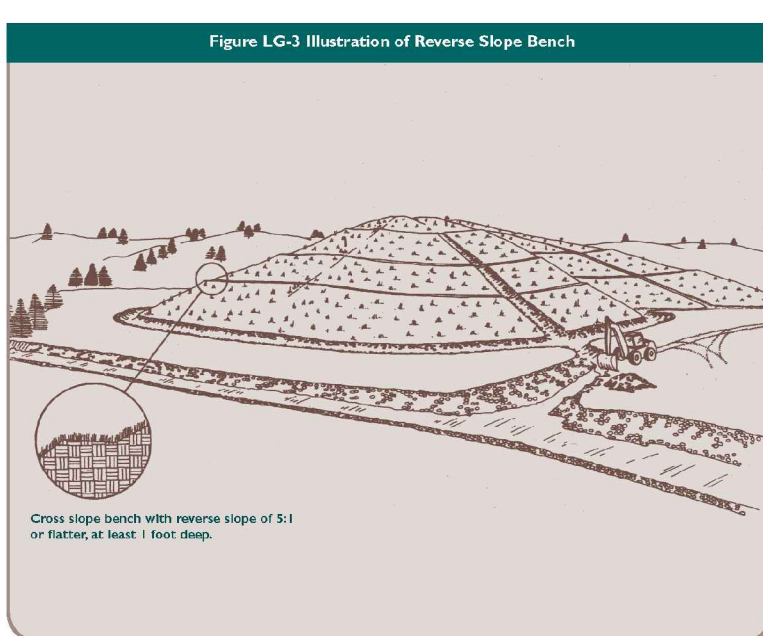


Figure 11-G-3: Illustration of Reverse Slope Bench

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6 REVERSE SLOPE BENCH Scale: NTS

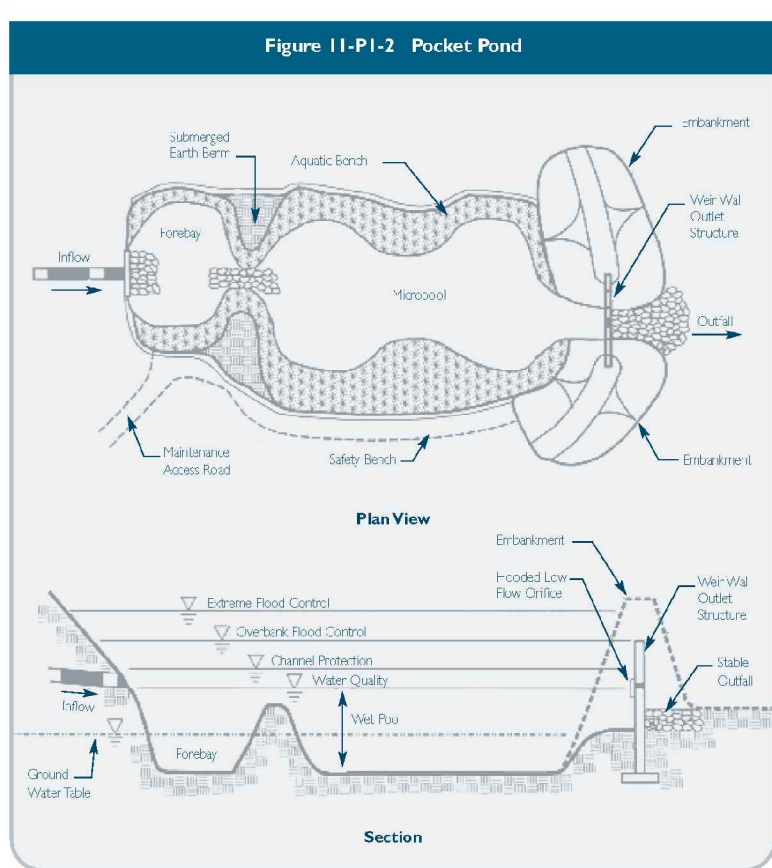
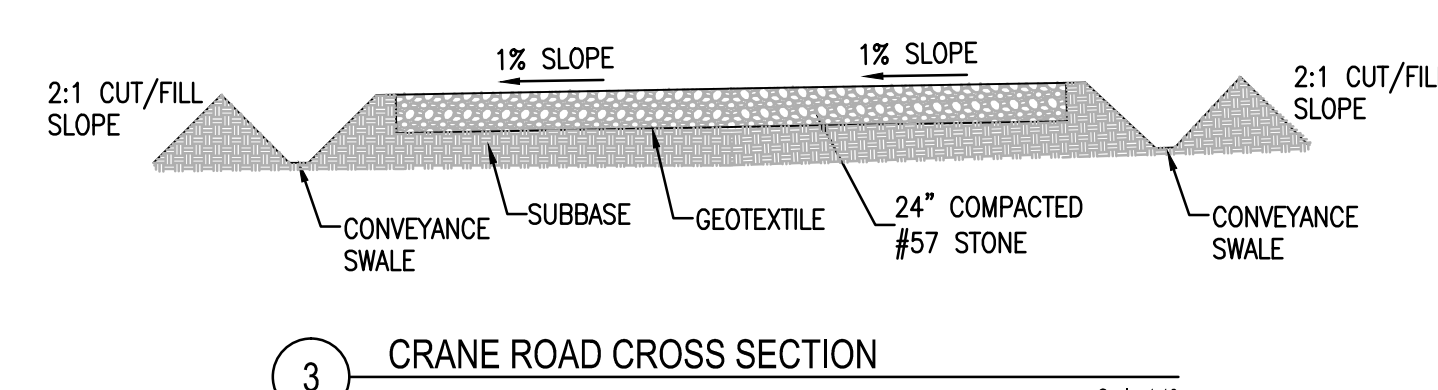


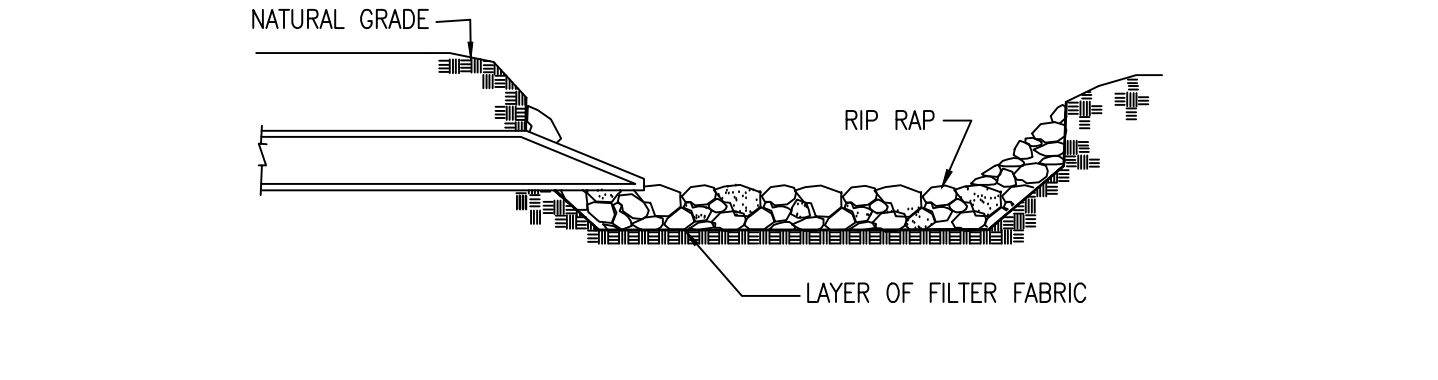
Figure 11-P1-2: Pocket Pond

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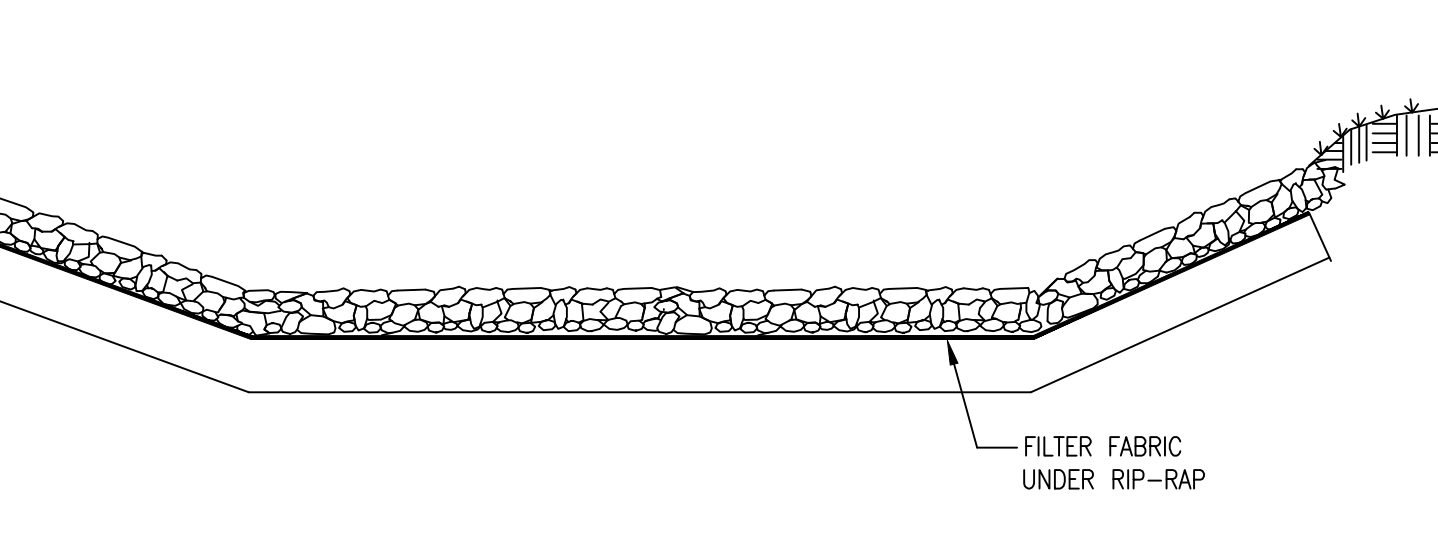
7 POCKET POND Scale: NTS



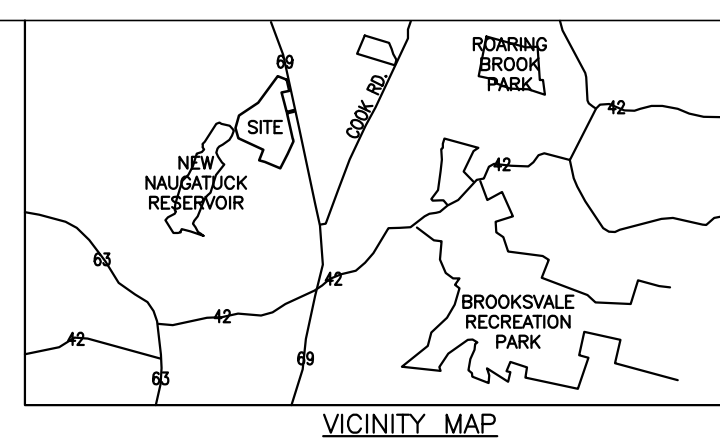
3 CRANE ROAD CROSS SECTION Scale: 1:10



4 TYPICAL CULVERT PIPE INLET/OUTLET Scale: NTS



5 TYPICAL CONVEYANCE SWALE Scale: NTS



VICINITY MAP



MARK	DESCRIPTION	DATE	APPR.
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2	INCORPORATED REQUESTED REVISIONS	01-31-11	TLK
1	CONNECTICUT SITING COUNCIL SUBMISSION	11-04-10	TLK

DESIGNED BY:	DATE:	DATE:
CONVEYANCE SWALE	03-08-11	03-08-11
CONVEYANCE SWALE	03-08-11	03-08-11
CONVEYANCE SWALE	03-08-11	03-08-11

ZAPATA
6002 LAWRENCE ROAD, SUITE 300-840
ZAPATAZAPATA.COM
WWW.ZAPATAZAPATA.COM

WIND PROSPECT CONNECTICUT
EROSION CONTROL DETAILS

SHEET IDENTIFICATION
C-504

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