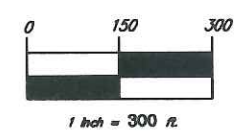


NO.	REVISION	DATE

Project Engineer Signature



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

EROSION CONTROL PLAN

WIND COLEBROOK SOUTH
FLAG HILL ROAD



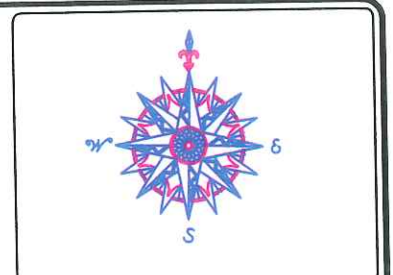
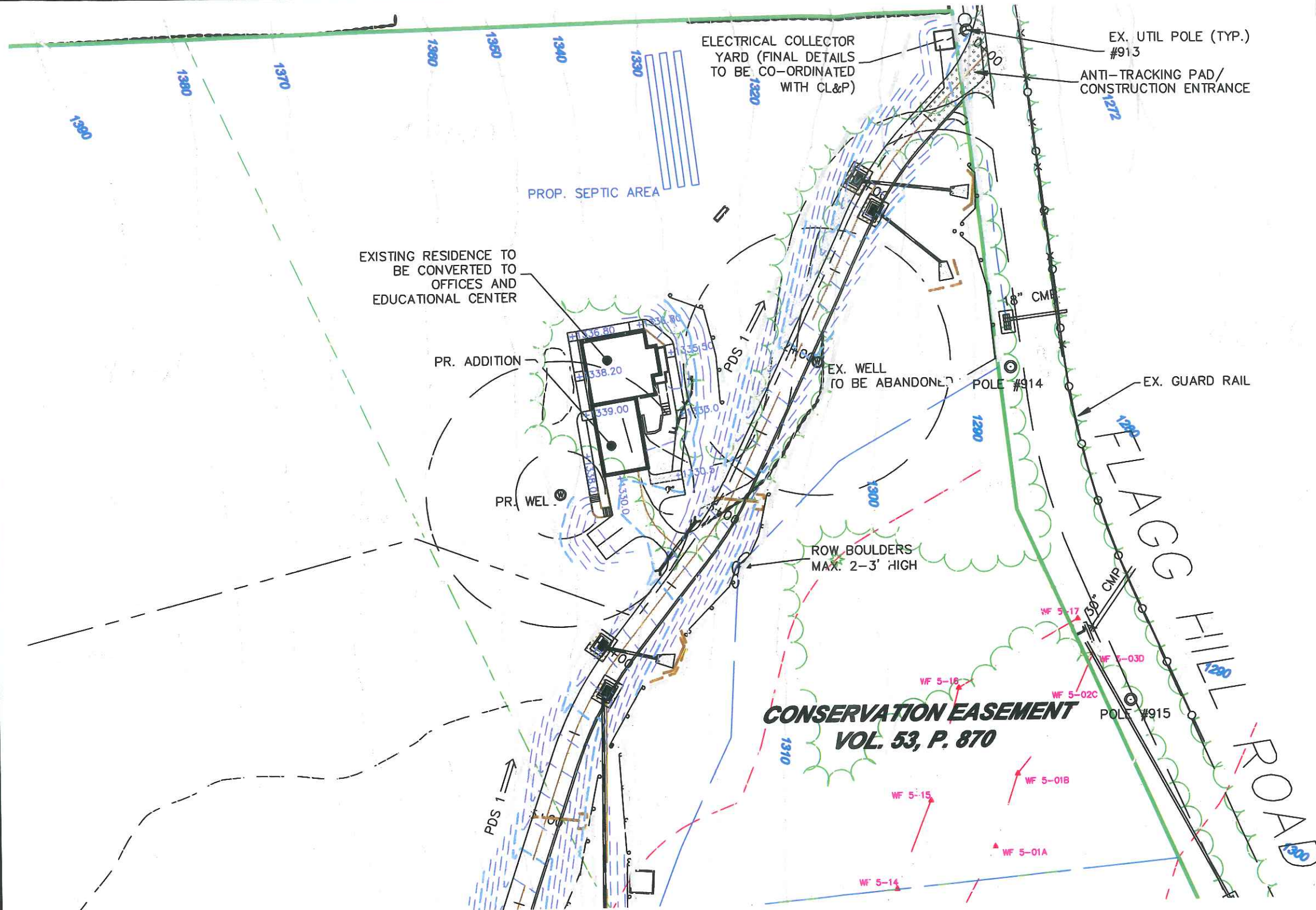
CORNERSTONE PROFESSIONAL FIRM, SHEET D-004
 40 BISHAM HILL ROAD
 WINDHAM, CT 06095
 (860) 353-9770

DESIGNER	APPROVED BY
SCALE: 1" = 300'	DATE: 20 AUG 14
PROJECT NO.: 3002	DRAWING FILE NAME: 3002
SHEET NO.	

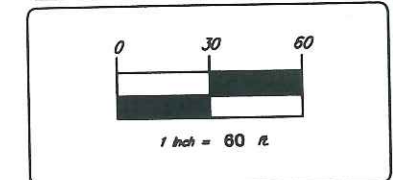
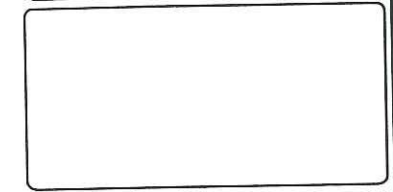
C200

LEGEND

- | | | | | | | | |
|--|-----------------------------------|--|-------------------------------|--|--------------------------------|--|-----------------------------------|
| | COMPACTED EARTH | | PROPERTY LINE | | BALED FILTER | | 2' X 2' STONE INFILTRATION TRENCH |
| | LIMITS OF CLEARING | | EXISTING CONTOUR | | TEMPORARY SOIL STOCKPILE | | VERNAL POOL AREA |
| | TEMP. WATER DIVERSION SWALE | | PROPOSED CONTOUR | | TEMPORARY SEDIMENT TRAP | | 100' VERNAL POOL SETBACK |
| | PERM. RIPRAP DIVERSION/CONVEYANCE | | PROPOSED STORM DRAINAGE | | TEMPORARY SEEDING | | 750' VERNAL POOL SETBACK |
| | DRY WATER QUALITY SWALE | | EDGE OF WATER | | EROSION CONTROL BLANKET | | |
| | SOIL TYPE BOUNDARY | | WETLANDS/WATERCOURSE BOUNDARY | | STONE CHECK DAM | | |
| | STAKED HAY BALES | | 100' WETLANDS REVIEW AREA | | WATER BAR WITH STAKED HAYBALES | | |
| | SILT FENCE | | EXISTING ROADWAY | | | | |
| | | | PROPOSED ACCESS DRIVE | | | | |



NO.	REVISION	DATE



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

EROSION CONTROL PLAN
 ACCESS DRIVE STA.
 0+00 TO 5+50

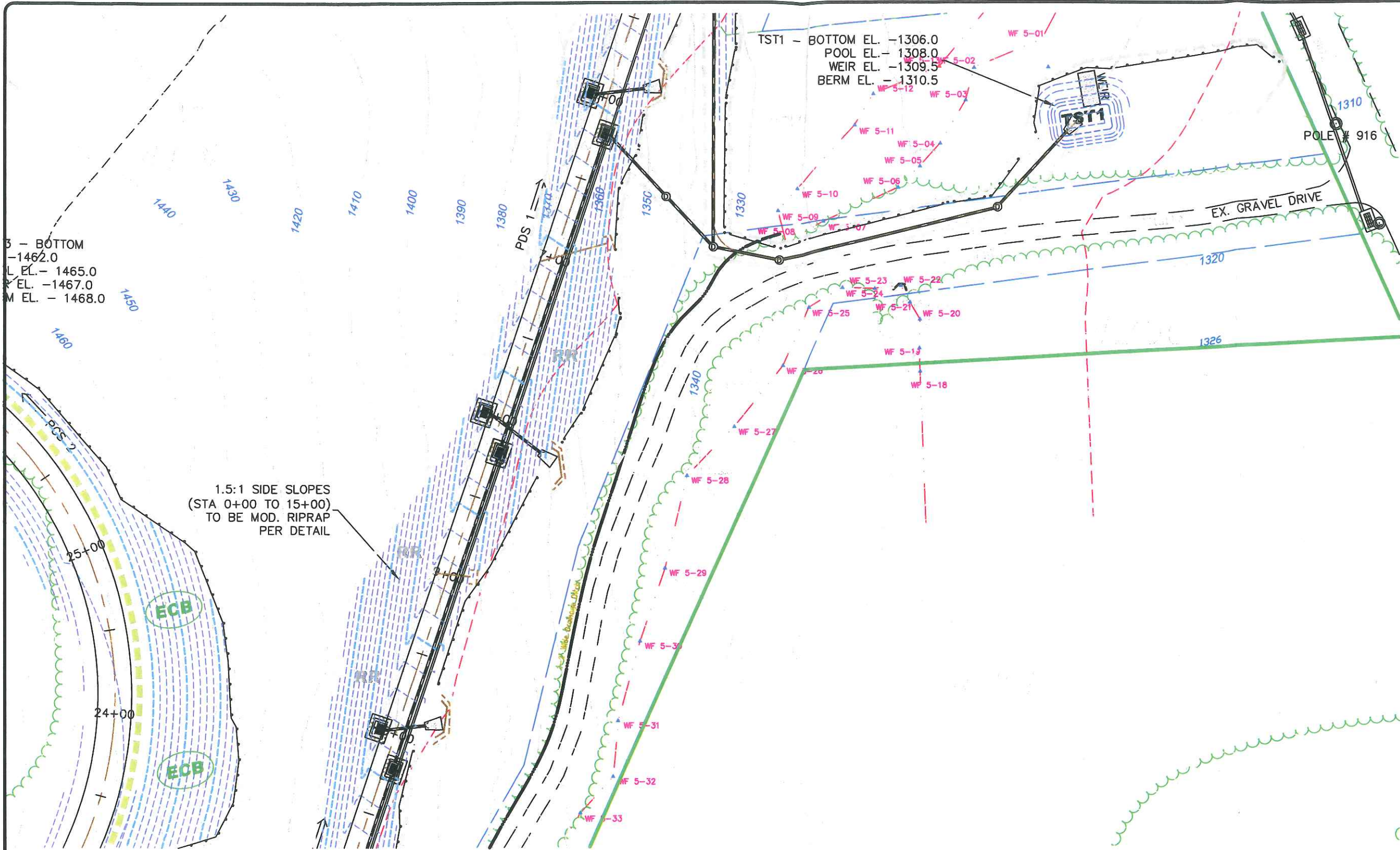
WIND COLEBROOK SOUTH
 FLAGG HILL ROAD

CIVIL **1**
 CONSTRUCTION PROFESSIONAL FIRM, STATE D-088
 40 SHERRILL HILL ROAD
 WEST HARTFORD, CT 06107
 (860) 255-5773

DATE: 20 AUG 11	PROJECT NO.: 0808	SCALE: 1" = 60'
DRAWN BY: [Name]	CHECKED BY: [Name]	DATE: [Date]
C201		

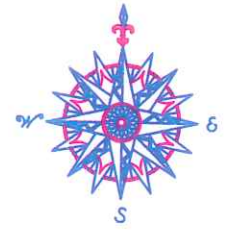
LEGEND

- | | | | | | |
|--|-----------------------------------|--|-------------------------------|--|--------------------------------|
| | COMPACTED EARTH | | PROPERTY LINE | | BALED FILTER |
| | LIMITS OF CLEARING | | EXISTING CONTOUR | | TEMPORARY SOIL STOCKPILE |
| | TEMP. WATER DIVERSION SWALE | | PROPOSED CONTOUR | | TEMPORARY SEDIMENT TRAP |
| | PERM. RIPRAP DIVERSION/CONVEYANCE | | PROPOSED STORM DRAINAGE | | TEMPORARY SEEDING |
| | DRY WATER QUALITY SWALE | | EDGE OF WATER | | EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY | | WETLANDS/WATERCOURSE BOUNDARY | | STONE CHECK DAM |
| | STAKED HAY BALES | | 100' WETLANDS REVIEW AREA | | WATER BAR WITH STAKED HAYBALES |
| | SILT FENCE | | EXISTING ROADWAY | | |
| | | | PROPOSED ACCESS DRIVE | | |



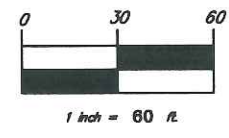
3 - BOTTOM
 -1462.0
 L EL. - 1465.0
 R EL. - 1467.0
 M EL. - 1468.0

TST1 - BOTTOM EL. -1306.0
 POOL EL. - 1308.0
 WEIR EL. - 1309.5
 BERM EL. - 1310.5



NO.	REVISION	DATE

Previous Edition's Outside



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

EROSION CONTROL PLAN
 ACCESS DRIVE STA.
 5+50 TO 10+50

WIND COLEBROOK SOUTH
 FLAGG HILL ROAD

COLEBROOK CONNECTICUT

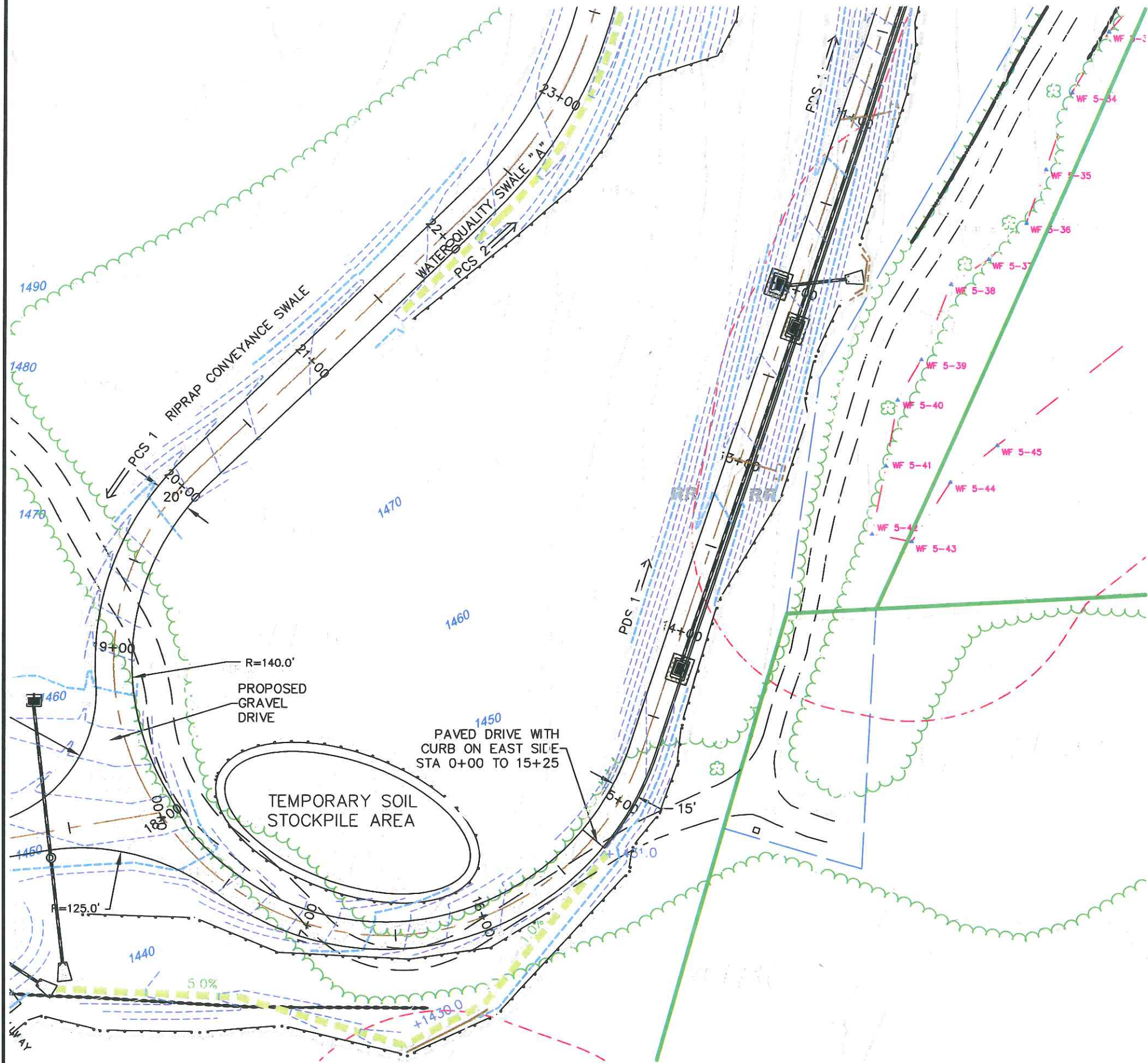


DESIGNED BY	BB	APPROVED BY	CJ
SCALE	1" = 60'	DATE	26 AUG 11
PROJECT NO.	3092	DATE PREPARED	3092
CHECKED BY	3092	DATE	

C202

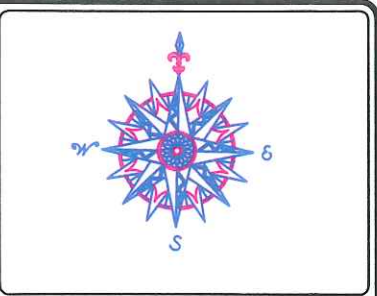
LEGEND

- | | | | | | |
|-----|-----------------------------------|--|-------------------------------|--|--------------------------------|
| TD | COMPACTED EARTH | | PROPERTY LINE | | BALED FILTER |
| PCS | LIMITS OF CLEARING | | EXISTING CONTOUR | | TEMPORARY SOIL STOCKPILE |
| | TEMP. WATER DIVERSION SWALE | | PROPOSED CONTOUR | | TEMPORARY SEDIMENT TRAP |
| | PERM. RIPRAP DIVERSION/CONVEYANCE | | PROPOSED STORM DRAINAGE | | TEMPORARY SEEDING |
| | DRY WATER QUALITY SWALE | | EDGE OF WATER | | EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY | | WETLANDS/WATERCOURSE BOUNDARY | | STONE CHECK DAM |
| | STAKED HAY BALES | | 100' WETLANDS REVIEW AREA | | WATER BAR WITH STAKED HAYBALES |
| | SILT FENCE | | EXISTING ROADWAY | | |
| | | | PROPOSED ACCESS DRIVE | | |

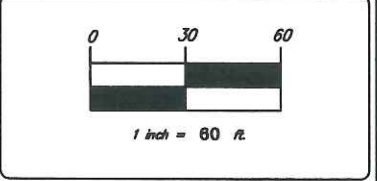
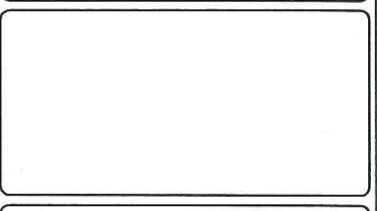


LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED STORM DRAINAGE
	EDGE OF WATER
	WETLANDS/WATERCOURSE BOUNDARY
	100' WETLANDS REVIEW AREA
	EXISTING ROADWAY
	PROPOSED ACCESS DRIVE
	COMPACTED EARTH
	LIMITS OF CLEARING
	TEMP. WATER DIVERSION SWALE
	PERM. RIPRAP DIVERSION/CONVEYANCE
	DRY WATER QUALITY SWALE
	SOIL TYPE BOUNDARY
	STAKED HAY BALES
	SILT FENCE
	BALED FILTER
	TEMPORARY SOIL STOCKPILE
	TEMPORARY SEDIMENT TRAP
	TEMPORARY SEEDING
	EROSION CONTROL BLANKET
	STONE CHECK DAM
	WATER BAR WITH STAKED HAYBALES
	2' x 2' STONE INFILTRATION TRENCH



NO.	REVISION	DATE



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

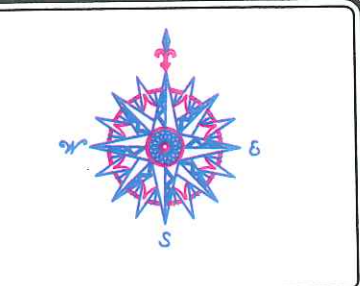
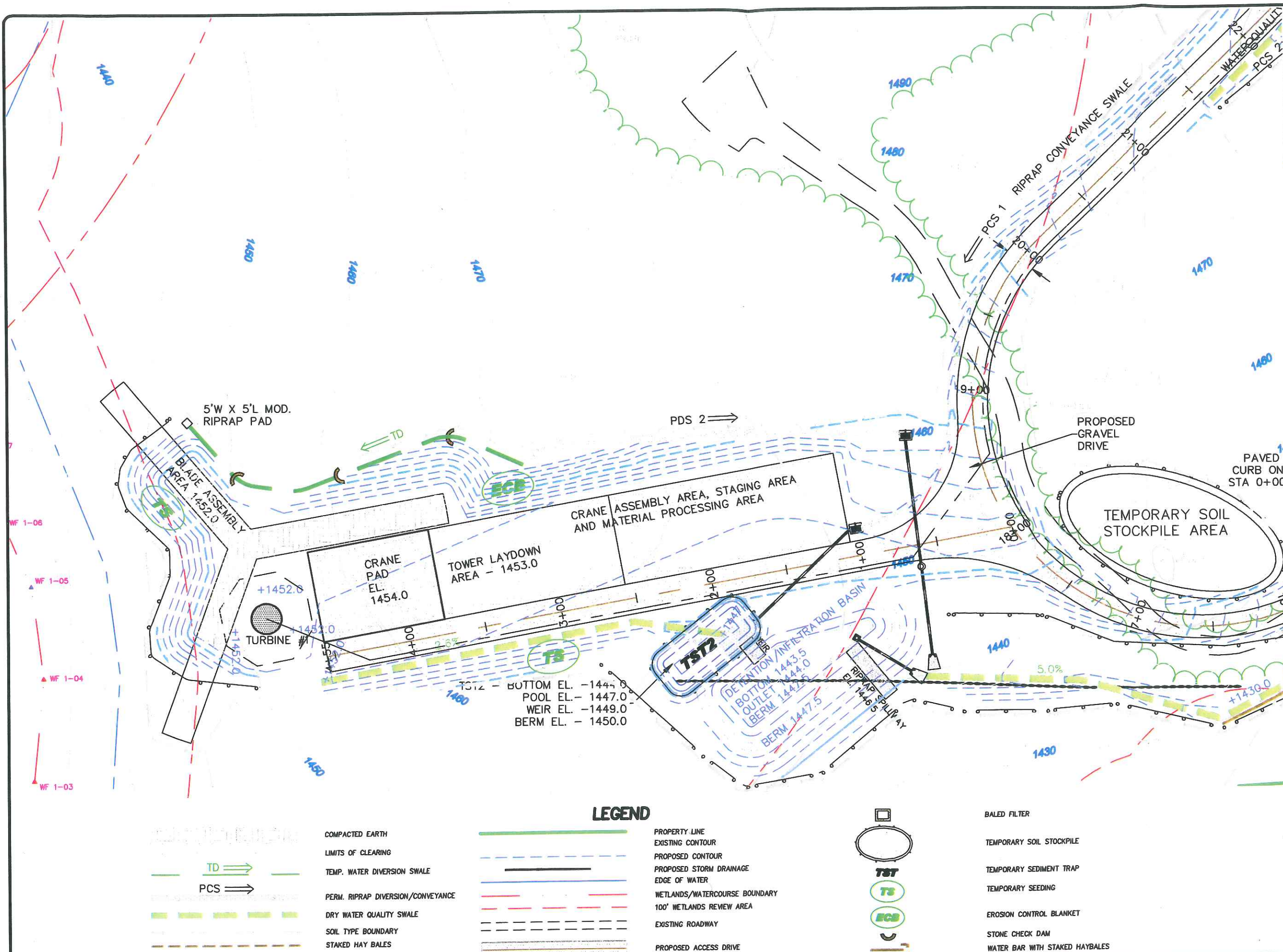
EROSION CONTROL PLAN
 ACCESS DRIVE STA.
 10+50 TO 23+50

WIND COLEBROOK SOUTH
 FLAGG HILL ROAD
 COLEBROOK CONNECTICUT

CIVIL 1

CORNERSTONE PROFESSIONAL PARK, SUITE D-101
 43 SHERMAN HILL ROAD
 WOODBURY (203) 266-0778 CONNECTICUT

DATE: 26 AUG 11
SCALE: 1" = 60'
PROJECT NO: 3092
CLIENT: 3092
DRAWING NO: C203



NO.	REVISION	DATE



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

EROSION CONTROL PLAN
 TURBINE ONE LOCATION
 AND ACCESS DRIVE STA.
 0+00 TO 4+55

WIND COLEBROOK SOUTH
 FLAHO HILL ROAD

CIVIL C1
 CORNERSTONE PROFESSIONAL PARS, SUITE D-601
 40 BURNHAM HILL ROAD
 WOODBRIDGE, CT 06097
 (860) 298-5778

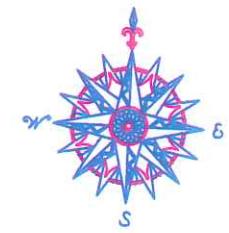
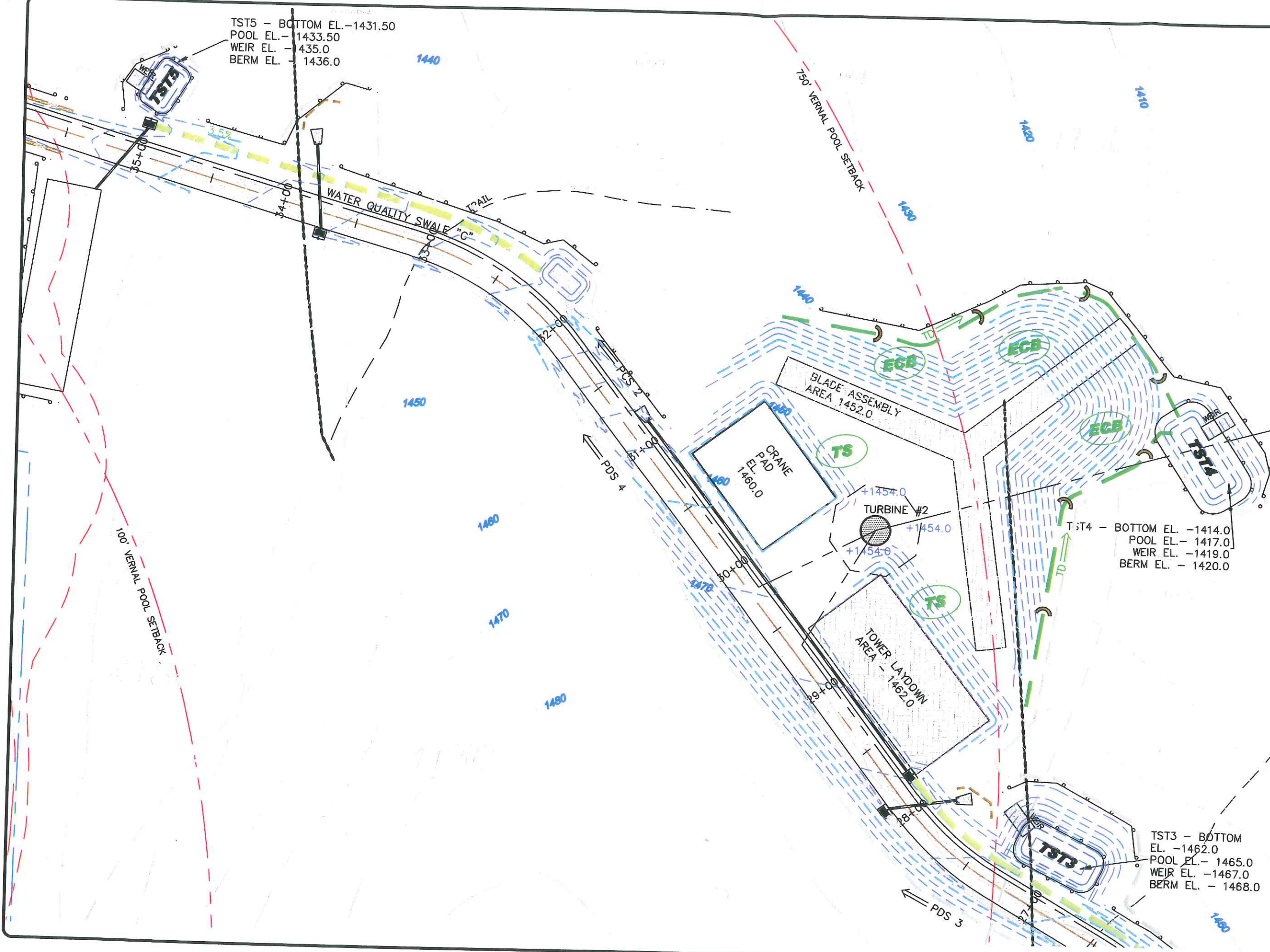
CIVIL C1

DATE: 20 MAR 21
 SCALE: 1" = 60'
 SHEET NO: 2000
 TOTAL SHEETS: 2000

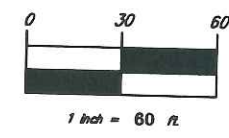
C204

LEGEND

- COMPACTED EARTH
- LIMITS OF CLEARING
- TEMP. WATER DIVERSION SWALE
- PERM. RIPRAP DIVERSION/CONVEYANCE
- DRY WATER QUALITY SWALE
- SOIL TYPE BOUNDARY
- STAKED HAY BALES
- SILT FENCE
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED STORM DRAINAGE
- EDGE OF WATER
- WETLANDS/WATERCOURSE BOUNDARY
- 100' WETLANDS REVIEW AREA
- EXISTING ROADWAY
- PROPOSED ACCESS DRIVE
- BALED FILTER
- TEMPORARY SOIL STOCKPILE
- TEMPORARY SEDIMENT TRAP
- TEMPORARY SEEDING
- EROSION CONTROL BLANKET
- STONE CHECK DAM
- WATER BAR WITH STAKED HAYBALES



NO.	REVISION	DATE



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

EROSION CONTROL PLAN
TURBINE TWO LOCATION
AND ACCESS DRIVE STA.
26+50 TO 35+50

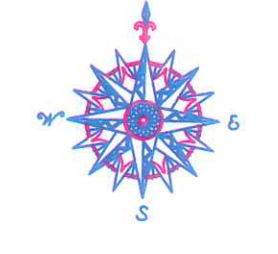
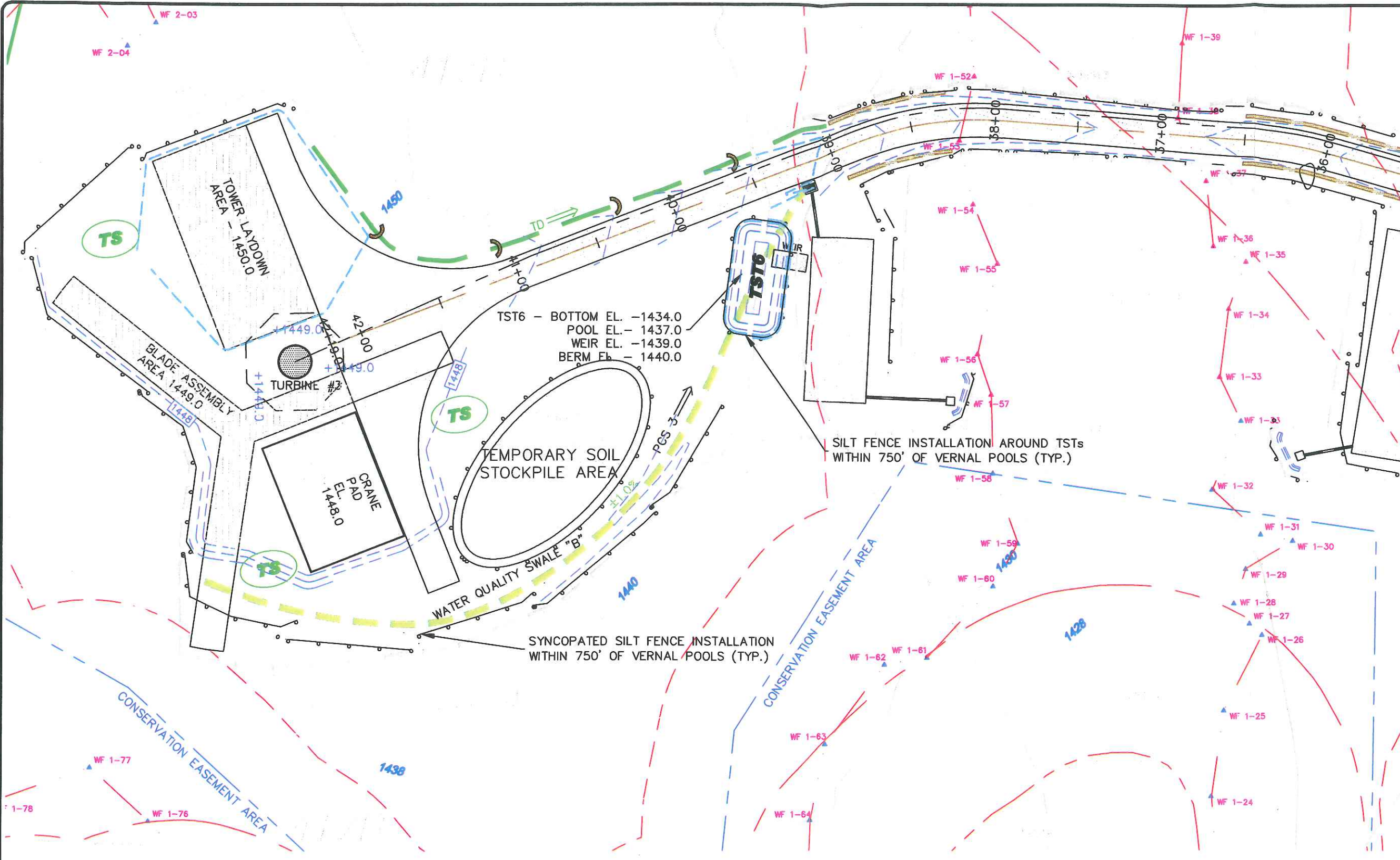
WIND COLEBROOK
SOUTH
FLAGG HILL ROAD



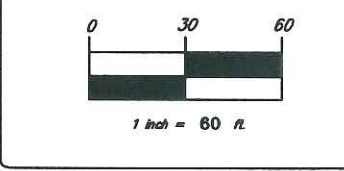
TST3 - BOTTOM EL. -1462.0
 POOL EL. -1465.0
 WEIR EL. -1467.0
 BERM EL. -1468.0

DATE	20 AUG 11
SCALE	1" = 60'
PROJECT NO.	2000
DESIGNER	C205

C205



NO.	REVISION	DATE



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

EROSION CONTROL PLAN
TURBINE THREE LOCATION
AND ACCESS DRIVE STA.
35+50 TO 42+19

WIND COLEBROOK
SOUTH
 FLAGG HILL ROAD

CIVIL 1
 COMMERCIAL PROFESSIONAL PRINT, 600 B-601
 48 WESTMAN HILL ROAD
 WESTBORO, MA 01581
 978-865-5778

DATE:	21 AUG 13
SCALE:	1" = 60'
PROJECT:	WIND COLEBROOK SOUTH
REVISED BY:	2002
DESIGNED BY:	2002
CHECKED BY:	2002

C206

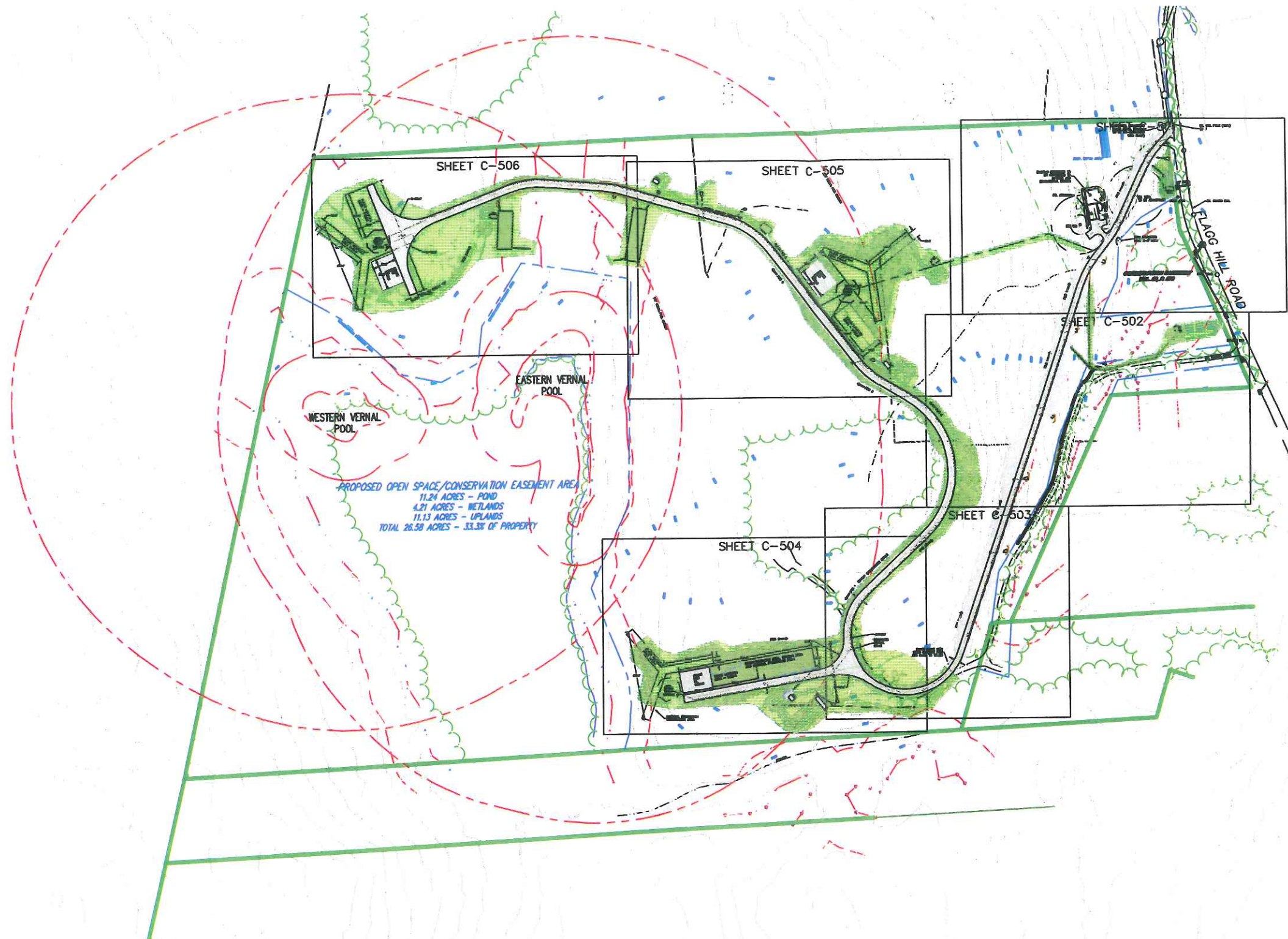
LEGEND

<p>TD →</p> <p>PCS →</p>	<p>COMPACTED EARTH</p> <p>LIMITS OF CLEARING</p> <p>TEMP. WATER DIVERSION SWALE</p> <p>PERM. RIPRAP DIVERSION/CONVEYANCE</p> <p>DRY WATER QUALITY SWALE</p> <p>SOIL TYPE BOUNDARY</p> <p>STAKED HAY BALES</p> <p>SILT FENCE</p>		<p>PROPERTY LINE</p> <p>EXISTING CONTOUR</p> <p>PROPOSED CONTOUR</p> <p>PROPOSED STORM DRAINAGE</p> <p>EDGE OF WATER</p> <p>WETLANDS/WATERCOURSE BOUNDARY</p> <p>100' WETLANDS REVIEW AREA</p> <p>EXISTING ROADWAY</p> <p>PROPOSED ACCESS DRIVE</p>		<p>BALED FILTER</p> <p>TEMPORARY SOIL STOCKPILE</p> <p>TEMPORARY SEDIMENT TRAP</p> <p>TEMPORARY SEEDING</p> <p>EROSION CONTROL BLANKET</p> <p>STONE CHECK DAM</p>		<p>WATER BAR WITH STAKED HAYBALES</p> <p>2' X 2' STONE INFILTRATION TRENCH</p> <p>VERNAL POOL AREA</p> <p>100' VERNAL POOL SETBACK</p> <p>750' VERNAL POOL SETBACK</p>
--------------------------	---	--	---	--	---	--	--

TST6 - BOTTOM EL. -1434.0
 POOL EL. - 1437.0
 WEIR EL. -1439.0
 BERM EL. - 1440.0

SILT FENCE INSTALLATION AROUND TSTs
 WITHIN 750' OF VERNAL POOLS (TYP.)

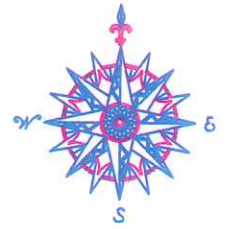
SYNCOATED SILT FENCE INSTALLATION
 WITHIN 750' OF VERNAL POOLS (TYP.)



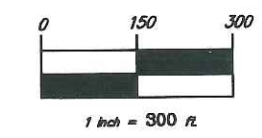
PROPOSED OPEN SPACE/CONSERVATION EASEMENT AREA
 11.24 ACRES - POND
 4.21 ACRES - WETLANDS
 11.13 ACRES - UPLANDS
 TOTAL 26.58 ACRES - 33.3% OF PROPERTY

LEGEND

- | | | | |
|--|--|--|---|
| | PROPERTY LINE | | PROPOSED ACCESS DRIVE |
| | EXISTING CONTOUR | | PERM. RIPRAP DIVERSION/CONVEYANCE SWALE |
| | CONTOUR FROM CONSTRUCTION GRADING TO REMAIN | | SOIL TYPE BOUNDARY |
| | CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED | | PROPOSED UPLAND MEADOW RESTORATION AREA |
| | PROPOSED CONTOUR | | DRY WATER QUALITY SWALE |
| | PROPOSED STORM DRAINAGE | | VERNAL POOL AREA |
| | EDGE OF WATER | | 100' VERNAL POOL SETBACK |
| | WETLANDS/WATERCOURSE BOUNDARY | | 750' VERNAL POOL SETBACK |
| | 100' WETLANDS REVIEW AREA | | |
| | EXISTING ROADWAY | | |



NO.	REVISION	DATE



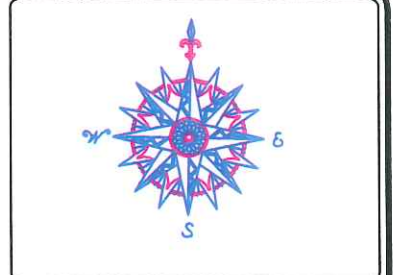
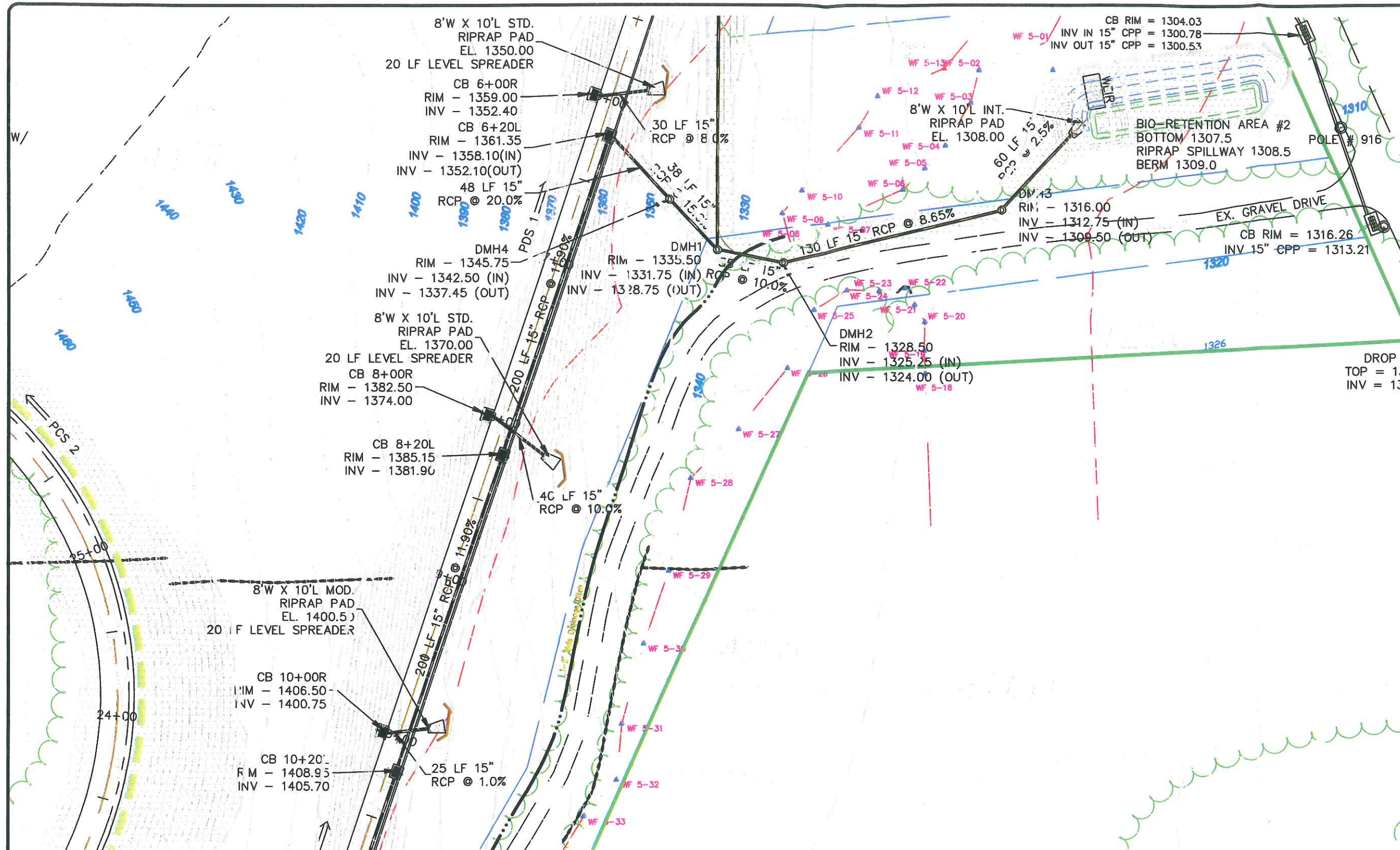
BNE ENERGY, INC.
 29 SOUTH MAIN STREET
 TOWN CENTER SUITE 200
 WEST HARTFORD, CT 06107

**POST CONSTRUCTION
 GRADING PLAN**

**WIND COLEBROOK
 SOUTH**
 FLAGG HILL ROAD

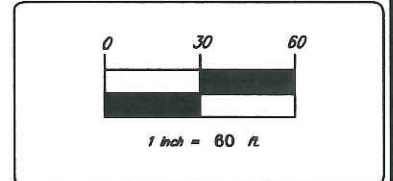
Civil C1
 CORNERSTONE PROFESSIONAL FIRM, SUITE 200A
 40 BEECHWOOD HILL ROAD
 WOODBRIDGE, CT 06296-4779

DATE: 20 AUG 11	APPENDIX C1
SCALE: 1" = 300'	
DRAWN BY: [Name]	
CHECKED BY: [Name]	
DATE: 2008	
DATE: 2008	
C500	



NO.	REVISION	DATE

DROP
TOP = 13
INV = 13



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

**POST CONSTRUCTION
GRADING PLAN
ACCESS DRIVE STA.
5+50 TO 10+50**

**WIND COLEBROOK
SOUTH**
FLAGG HILL ROAD

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
	CONTOUR FROM CONSTRUCTION GRADING TO REMAIN
	CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED
	PROPOSED CONTOUR
	PROPOSED STORM DRAINAGE
	EDGE OF WATER
	WETLANDS/WATERCOURSE BOUNDARY
	100' WETLANDS REVIEW AREA

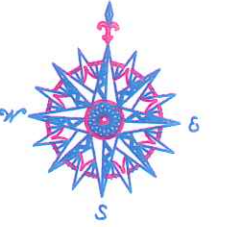
	EXISTING ROADWAY
	PROPOSED ACCESS DRIVE
	PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
	SOIL TYPE BOUNDARY
	PROPOSED UPLAND MEADOW RESTORATION AREA
	DRY WATER QUALITY SWALE

CIVIL 1

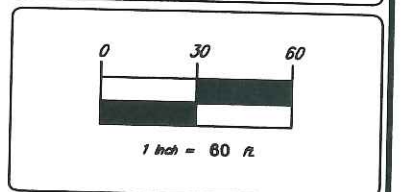
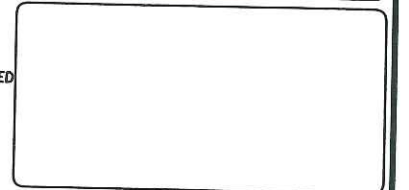
REGISTERED PROFESSIONAL ENGINEER, STATE OF CONNECTICUT
48 SHEPARD HILL ROAD
WINDY HILL, CT 06106
(860) 288-0770

DATE	20 AUG 11
SCALE	1" = 60'
PROJECT NO.	C502
CLIENT	BNE ENERGY, INC.

C502



NO.	REVISION	DATE



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

**POST CONSTRUCTION
 GRADING PLAN
 ACCESS DRIVE STA.
 10+50 TO 23+50**

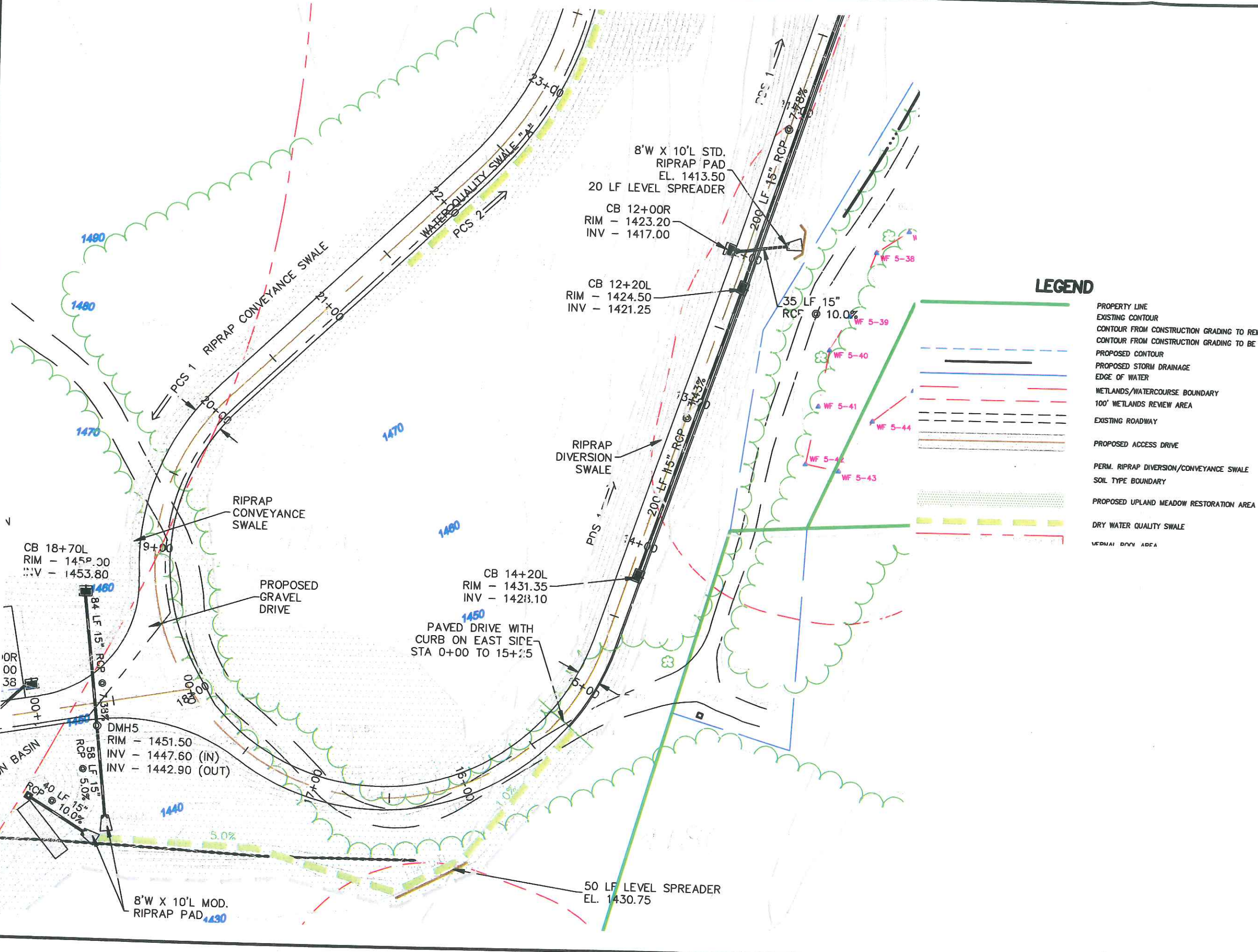
**WIND COLEBROOK
 SOUTH**
 FLAGG HILL ROAD



CORPORATE PROFESSIONAL FIRM, SUITE 300
 40 SHREWSBURY HILL ROAD
 WINDYBROOK, CT 06096-3500
 TEL: 860-253-9778

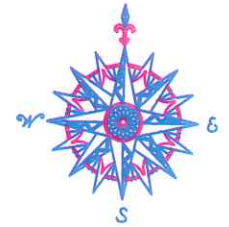
DATE: 28 AUG 15
 SCALE: 1" = 60'
 PROJECT: C503

C503

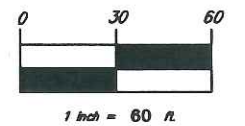


LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CONTOUR FROM CONSTRUCTION GRADING TO REMAIN
- CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED
- PROPOSED CONTOUR
- PROPOSED STORM DRAINAGE
- EDGE OF WATER
- WETLANDS/WATERCOURSE BOUNDARY
- 100' WETLANDS REVIEW AREA
- EXISTING ROADWAY
- PROPOSED ACCESS DRIVE
- PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
- SOIL TYPE BOUNDARY
- PROPOSED UPLAND MEADOW RESTORATION AREA
- DRY WATER QUALITY SWALE
- WETLAND BOUNDARY



NO.	REVISION	DATE



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

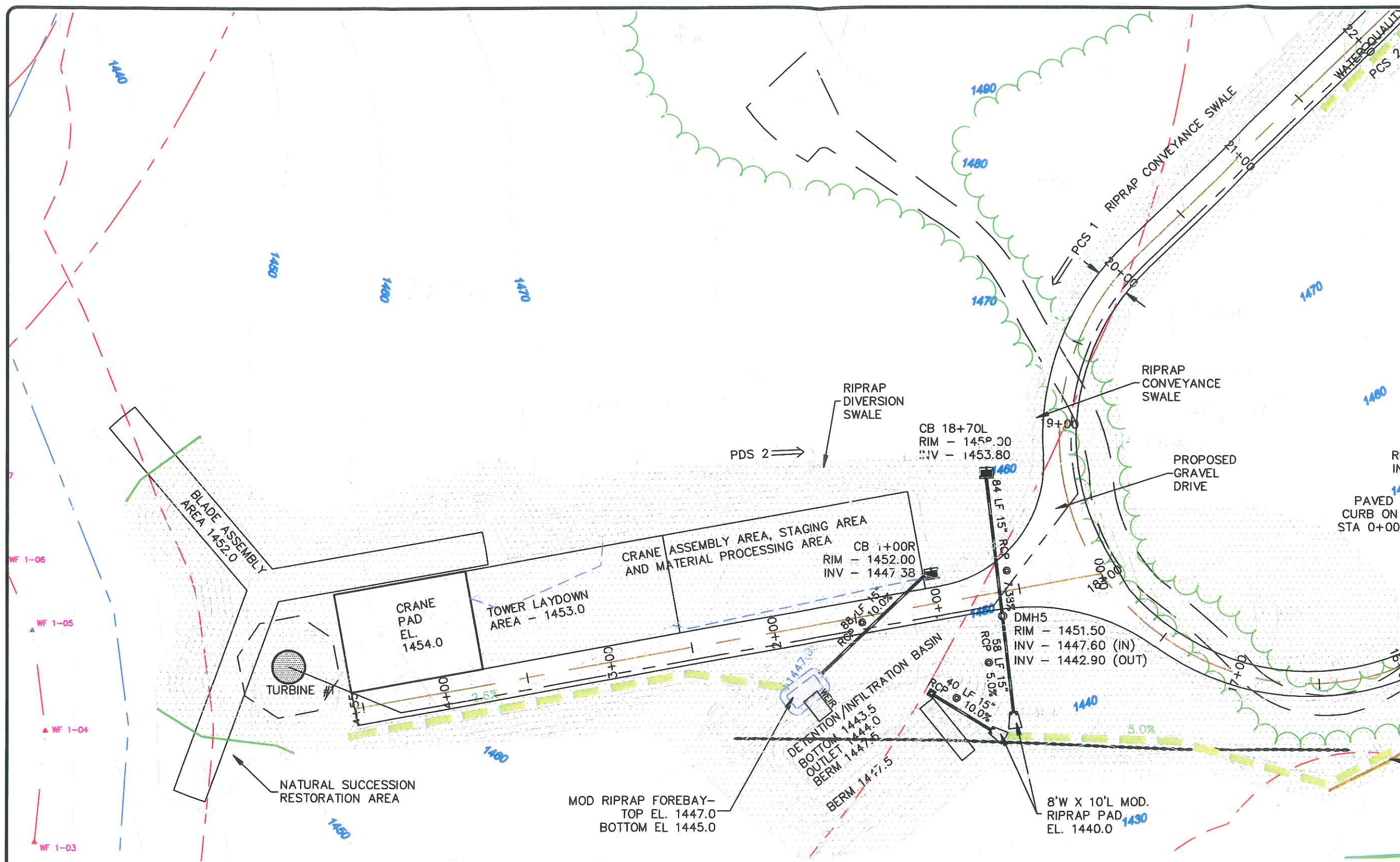
**POST CONSTRUCTION
 GRADING PLAN
 TURBINE ONE AND
 ACCESS DRIVE STA.
 0+00 TO 4+55**

**WIND COLEBROOK
 SOUTH**
 FLAGG HILL ROAD



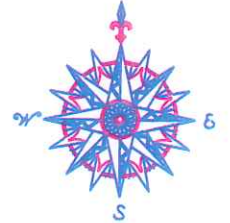
CONSTRUCTION PROFESSIONAL FIRM, WHITE 0-001
 48 CANTON HILL ROAD
 WINDYBROOK, CT 06093
 (860) 285-8778

DATE: 20 AUG 11	APPROVED: [Signature]
SCALE: 3" = 60'	
PROJECT NO.: 3002	
DRAWN BY: 3002	
CHECKED BY: 3002	
C504	

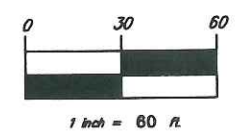


LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CONTOUR FROM CONSTRUCTION GRADING TO REMAIN
- CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED
- PROPOSED CONTOUR
- PROPOSED STORM DRAINAGE
- EDGE OF WATER
- WETLANDS/WATERCOURSE BOUNDARY
- 100' WETLANDS REVIEW AREA
- EXISTING ROADWAY
- PROPOSED ACCESS DRIVE
- PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
- SOIL TYPE BOUNDARY
- PROPOSED UPLAND MEADOW RESTORATION AREA
- DRY WATER QUALITY SWALE



NO.	REVISION	DATE



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

**POST CONSTRUCTION
 GRADING PLAN
 TURBINE TWO AND
 ACCESS DRIVE STA.
 26+50 TO 35+50**

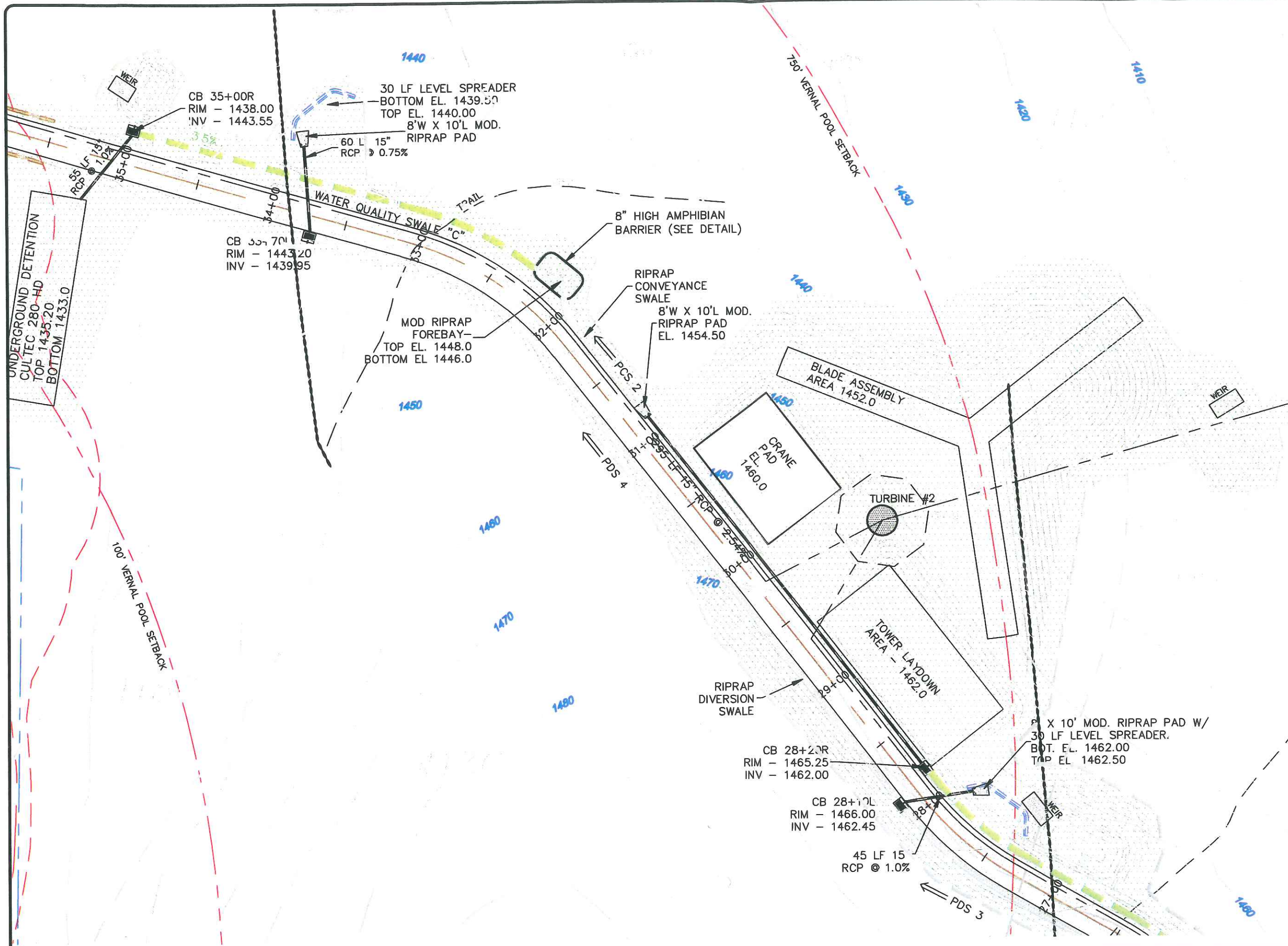
**WIND COLEBROOK
 SOUTH**
 FLAGG HILL ROAD

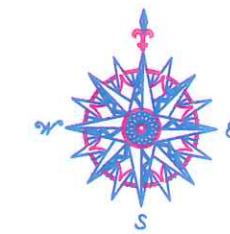


CORNERSTONE PROFESSIONAL PARK, SUITE D-402
 40 BARNARD HILL ROAD
 WOODBRIDGE, CT 06798

DATE	20 MAR 15
SCALE	1" = 60'
PROJECT NO.	3000
CADD FILE NO.	3000
ISSUE NO.	

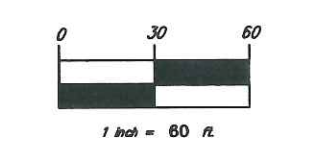
C505





NO.	REVISION	DATE

Previous Edition Deleted



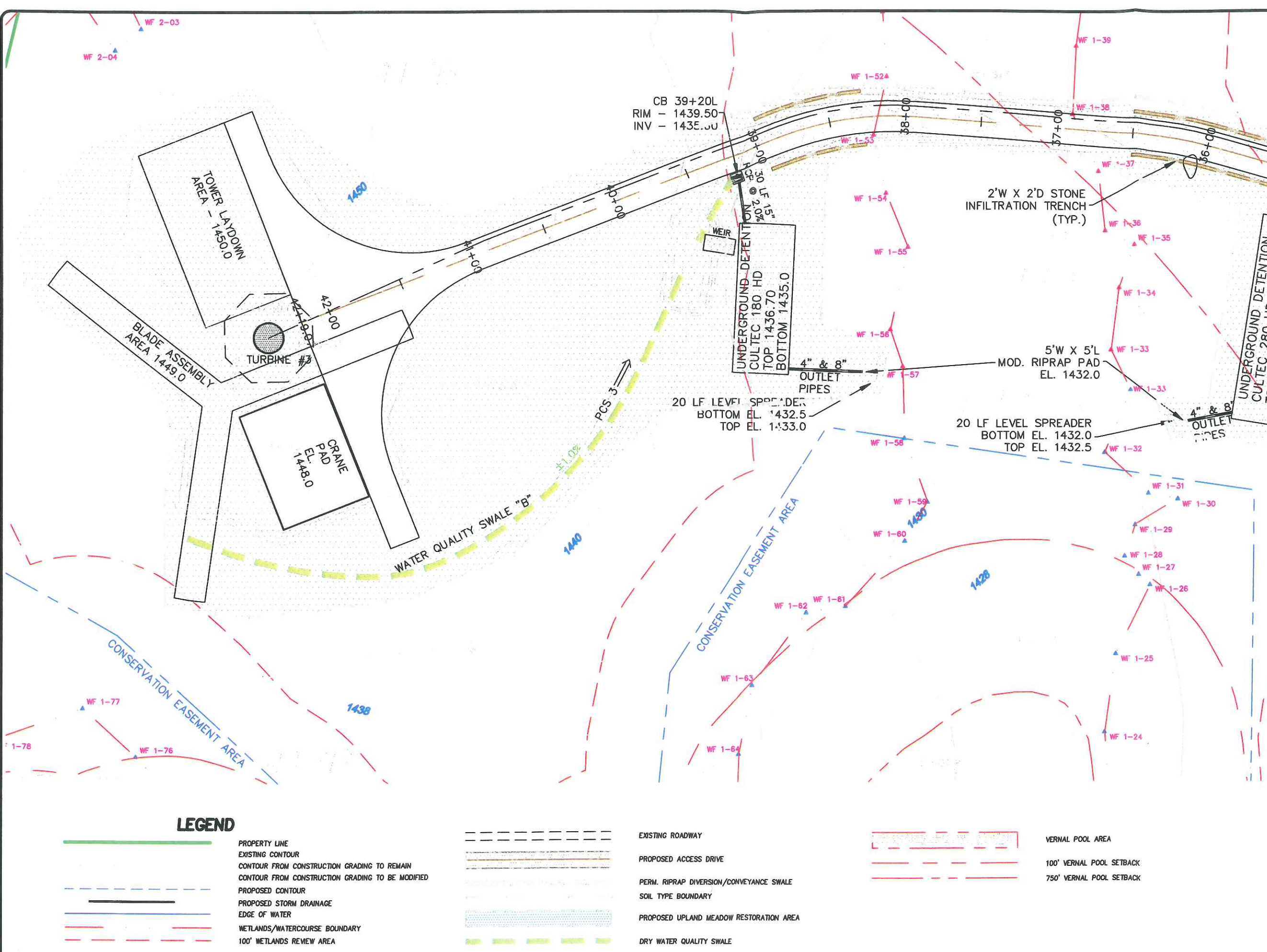
BNE ENERGY, INC.
 29 SOUTH MAIN STREET
 TOWN CENTER SUITE 200
 WEST HARTFORD, CT 06107

**POST CONSTRUCTION
 GRADING PLAN
 TURBINE THREE AND
 ACCESS DRIVE STA.
 35+50 TO 42+19**

**WIND COLEBROOK
 SOUTH
 FLAGG HILL ROAD**

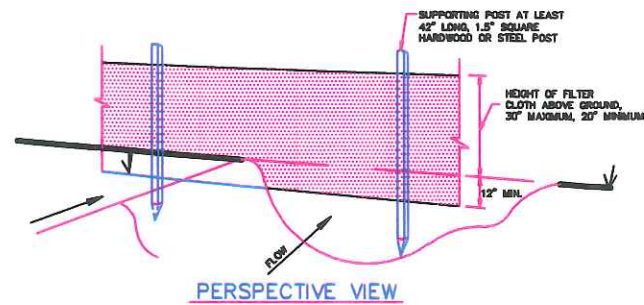


DATE	20 AUG 11
PROJECT	3002
CADD FILE NAME	3002
REVISION NO.	
C506	



LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- CONTOUR FROM CONSTRUCTION GRADING TO REMAIN
- CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED
- PROPOSED CONTOUR
- PROPOSED STORM DRAINAGE
- EDGE OF WATER
- WETLANDS/WATERCOURSE BOUNDARY
- 100' WETLANDS REVIEW AREA
- EXISTING ROADWAY
- PROPOSED ACCESS DRIVE
- PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
- SOIL TYPE BOUNDARY
- PROPOSED UPLAND MEADOW RESTORATION AREA
- DRY WATER QUALITY SWALE
- VERNAL POOL AREA
- 100' VERNAL POOL SETBACK
- 750' VERNAL POOL SETBACK



PERSPECTIVE VIEW

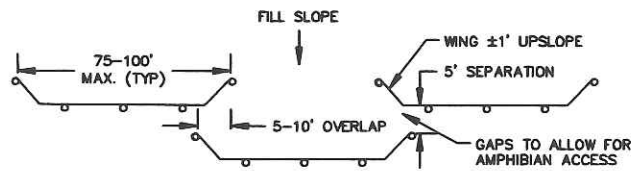


SECTION

CONSTRUCTION NOTES FOR SILT FENCE

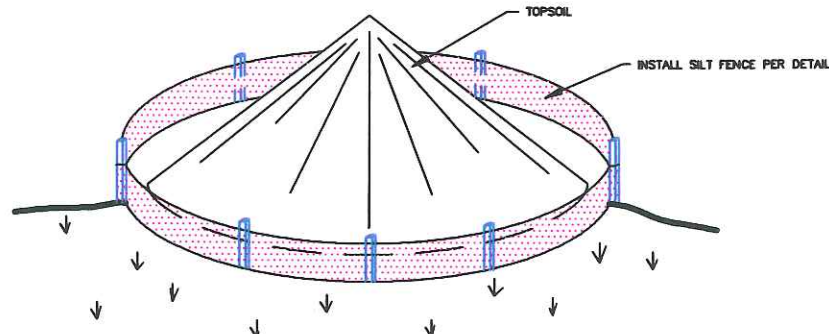
1. EXCAVATE A TRENCH A MINIMUM OF 8 INCHES DEEP AND 8 INCHES WIDE ON THE UP-SIDE OF THE FENCE LOCATION.
2. DRIVE SUPPORT POSTS ON THE DOWN-SLOPE SIDE OF THE TRENCH TO A DEPTH OF AT LEAST 12 INCHES INTO ORIGINAL GROUND.
3. STAPLE OR SECURE THE GEOTEXTILE TO THE SUPPORT POSTS PER MANUFACTURER'S INSTRUCTIONS SUCH THAT AT LEAST 6 INCHES OF GEOTEXTILE LIES WITHIN THE TRENCH.
4. BACKFILL THE TRENCH WITH TAMPED SOIL OR AGGREGATE OVER THE GEOTEXTILE.

SILT FENCE DETAIL



SYNCOPATED SILT FENCE INSTALLATION

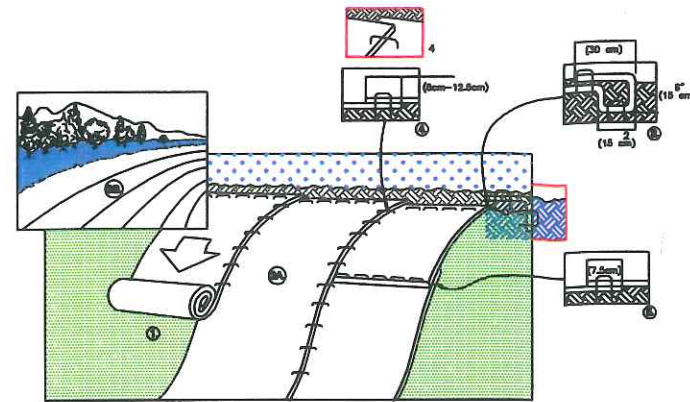
FOR AREAS WITHIN 750' OF A NORMAL POOL



STOCKPILE MANAGEMENT PER 2002 CT GUIDELINES FOR E & S CONTROL:

1. LOCATE STOCKPILE SO THAT NATURAL DRAINAGE IS NOT OBSTRUCTED.
2. DIVERT RUNOFF WATER AWAY FROM OR AROUND THE STOCKPILE.
3. INSTALL A GEOTEXTILE SILT FENCE OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM PROPOSED TOE OF THE SLOPE.
4. THE SIDE SLOPES OF STOCKPILED MATERIAL SHOULD BE NO STEEPER THAN 2:1.
5. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS NEED TO BE SEED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE.
6. AFTER STOCKPILE HAS BEEN REMOVED, THE SITE SHOULD BE GRADED AND PERMANENTLY STABILIZED.

TEMPORARY TOPSOIL STOCKPILE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (150mm) DEEP X 6" (150mm) WIDE TRENCH WITH APPROXIMATELY 12" (300mm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (300mm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (300mm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (300mm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEMSM STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (50mm-125mm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPUN DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (75mm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (300mm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (150mm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

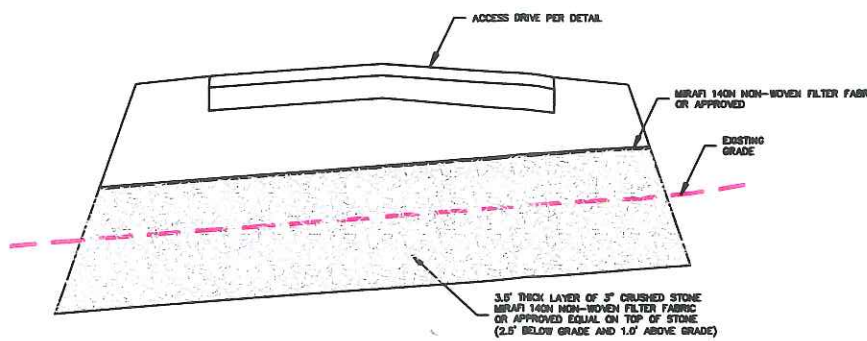
EROSION CONTROL BLANKETS

S150: Material:
Straw fiber matrix sewn between two photo-degradable nets.
Straw: 5 lbs/sq. yd.
Net: Temporary lightweight degradable (Both sides)

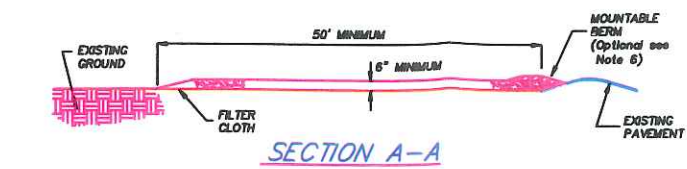
SC250 (North American Green): Material:
Straw & coconut fiber matrix sewn between three polypropylene nets.
Net: Permanent Turf Reinforcement, for maximum slopes up to 1.1:1.

CRITICAL POINTS
A. OVERLAPS AND SEAMS
B. PROJECTED WATER LINE
C. CHANNEL BOTTOM/SIDE SLOPE VERTICES
NOTE:
* HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.
** IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS IN EXCESS OF 6" (150mm) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

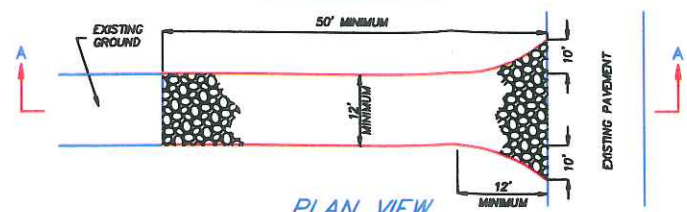
EROSION CONTROL BLANKET



SEEPAGE ENVELOPE DETAIL



SECTION A-A

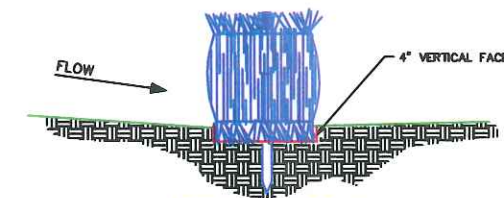


PLAN VIEW

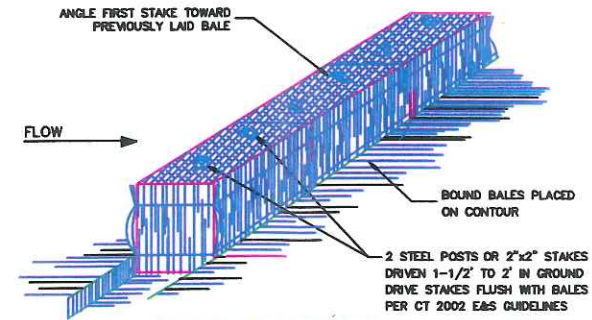
NOTES:

1. STONE SIZE - USE 1" - 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DRIPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE



BEDDING DETAIL



ANCHORING DETAIL

NOTES:

1. BALES SHALL BE EITHER STRAW OR HAY.
2. BALES SHALL BE PLACED AT THE TOE OF SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
3. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
4. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
5. INSPECTION SHALL BE FREQUENT, AND REPAIR AND/OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED TO MAINTAIN EFFECTIVENESS OF INSTALLATION.
6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STAKED HAY BALE BARRIER

NO.	REVISION	DATE

NO.	REVISION	DATE

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

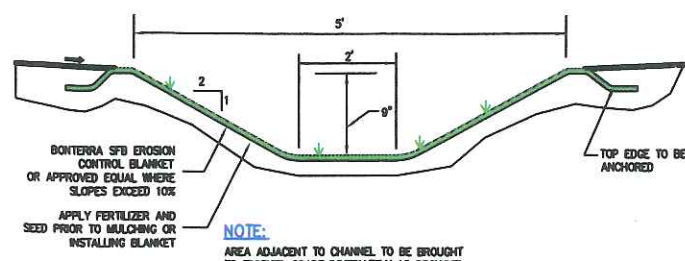
DETAILS

WIND COLEBROOK SOUTH
FLADD HILL ROAD

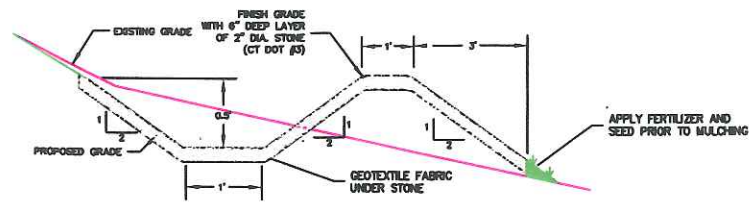
CIVIL C1
CORNERSTONE PROFESSIONAL PARK, SUITE D-601
45 BRIDGE HILL ROAD
WINDYBROOK, CT 06093
PHONE: 860-262-9778
FAX: 860-262-9779

DESIGN BY	APPROVED BY
DATE	
PROJECT NO.	
DRAWING NO.	

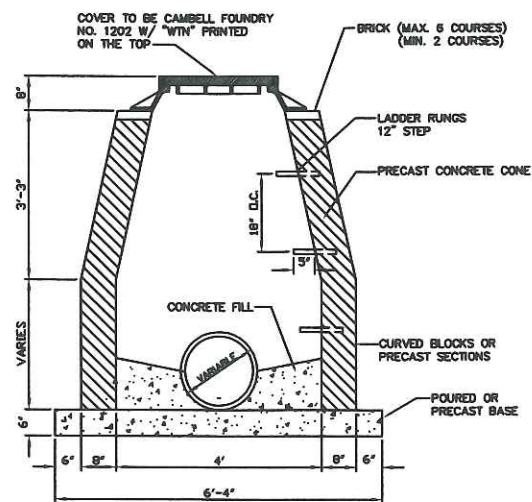
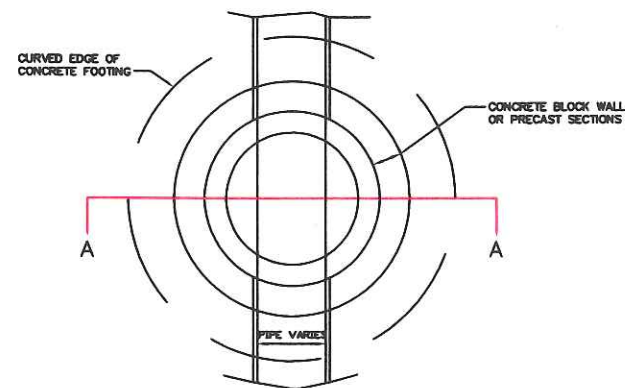
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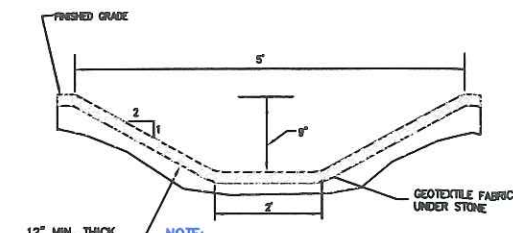
TEMPORARY DIVERSION SWALE
N.T.S.



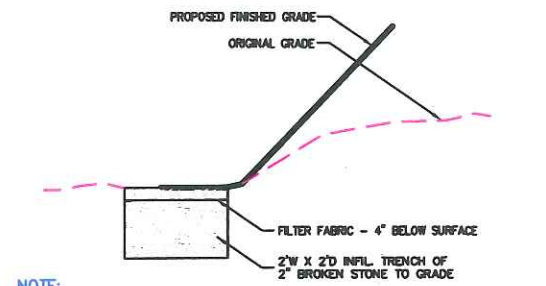
LEVEL SPREADER DETAIL
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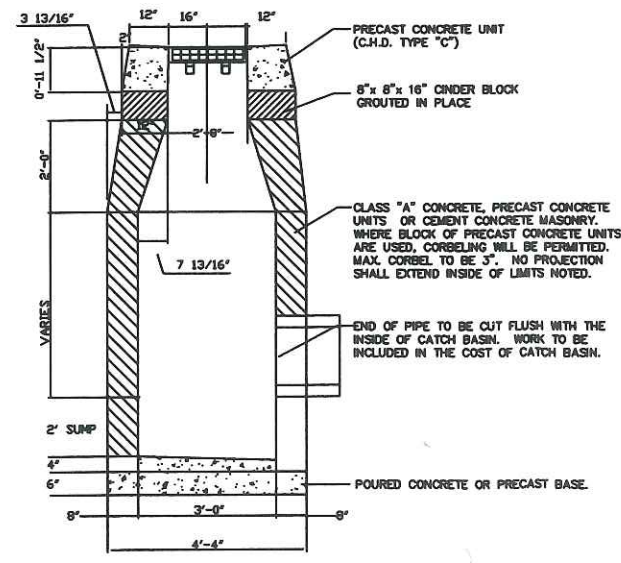
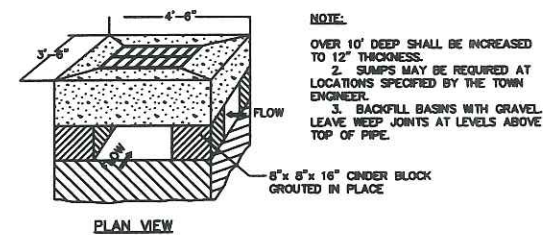
DRAINAGE MANHOLE
without sump



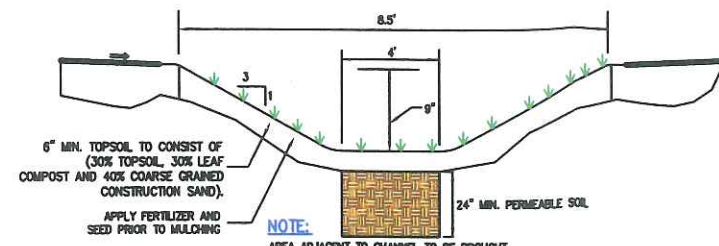
RIPRAP DIVERSION/CONVEYANCE SWALE
N.T.S.



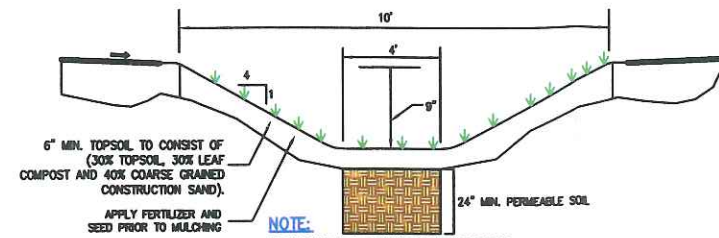
STONE INFILTRATION TRENCH
N.T.S.



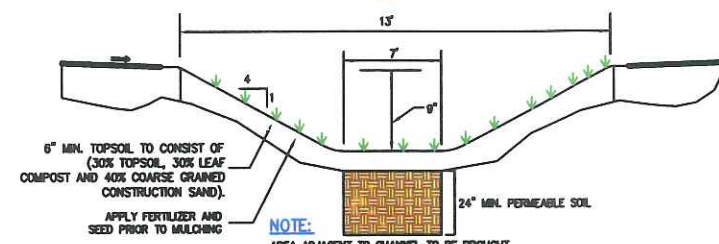
STANDARD TYPE 'CL' CATCH BASIN



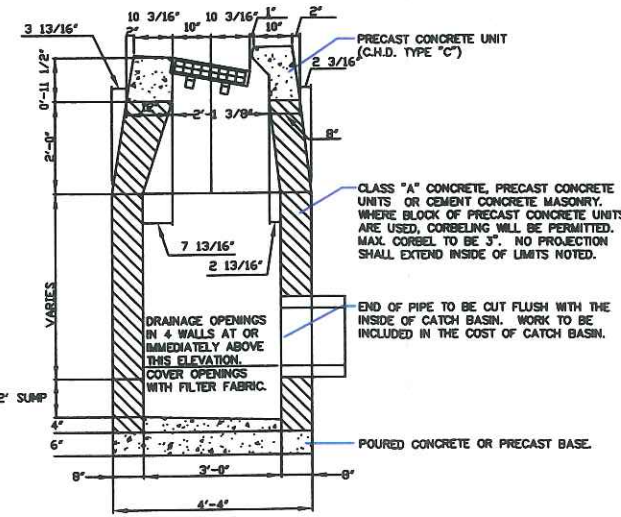
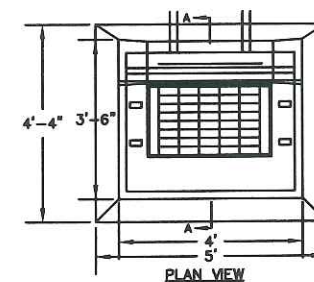
DRY WATER QUALITY SWALE A
N.T.S.



DRY WATER QUALITY SWALE B
N.T.S.



DRY WATER QUALITY SWALE C
N.T.S.



STANDARD TYPE 'C' CATCH BASIN

NO.	REVISION	DATE

Previous Edition Details

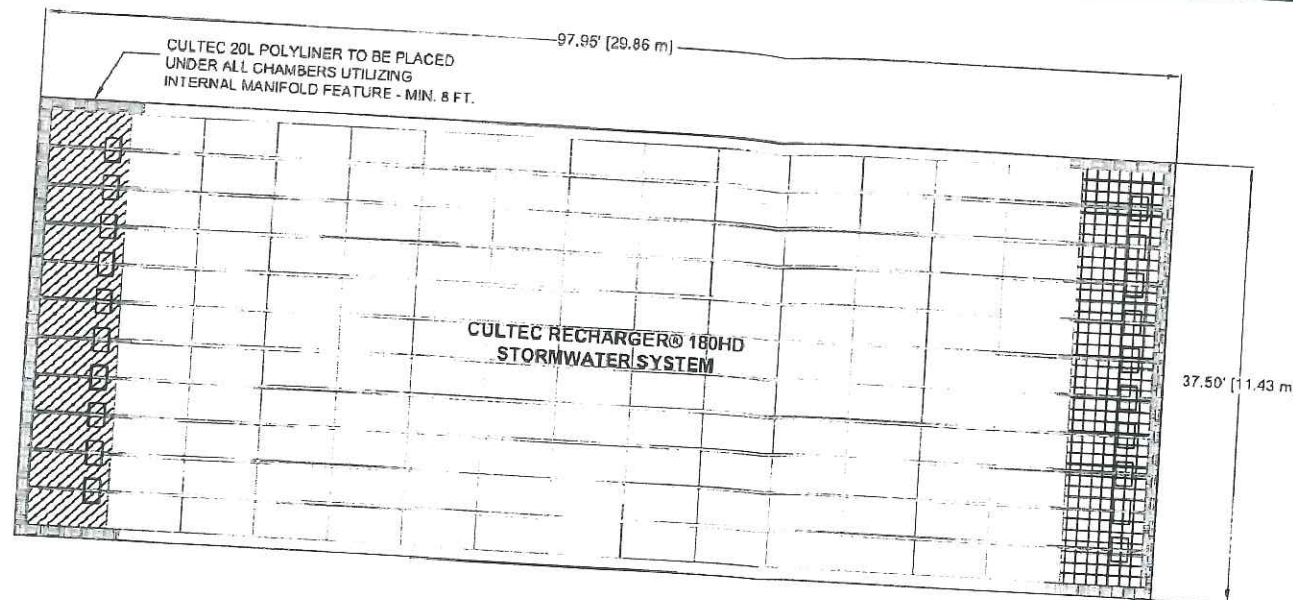
BNE ENERGY, INC.
29 SOUTH MAIN STREET
TOWN CENTER SUITE 200
WEST HARTFORD, CT 06107

DETAILS






WIND COLEBROOK SOUTH
FLAGG HILL ROAD
COLEBROOK CONNECTICUT

CIVIL C1
CORNERSTONE PROFESSIONAL PARK, SUITE D-101
43 SHERMAN HILL ROAD
WOODBURY CONNECTICUT (203) 266-0778

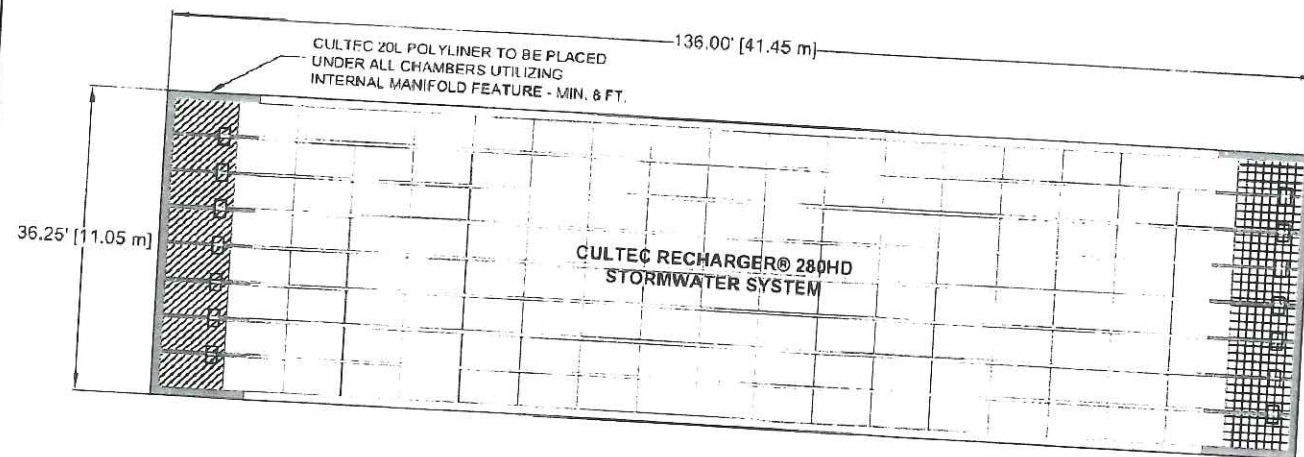
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DATE	N.T.S.		
SCALE		DATE	26 AUG 11
PROJECT NO.	3092	DESIGNER	BB
CAD FILE NAME	3092	APPROVED BY	CJ
C602			








MATERIALS LIST		
RECHARGER 180HD STARTER	11	PIECES
RECHARGER 180HD INTERMEDIATE	112	PIECES
RECHARGER 180HD END	11	PIECES
HW V FC-24 FEED CONNECTORS	22	PIECES
CULTEC NO. 20L POLYETHYLENE LINER	3	ROLLS
1.2 - 2 INCH DIAMETER BROKEN STONE	271	CUBIC YARDS
VOLUME OF EXCAVATION	261	CUBIC YARDS

- CULTEC RECHARGER® 180HD LEGEND**
-  RECHARGER 180HD STARTER
 -  RECHARGER 180HD INTERMEDIATE
 -  RECHARGER 180HD END
 -  HW V FC-24 FEED CONNECTORS
 -  CULTEC NO. 20L POLYETHYLENE LINER

CULTEC STORMWATER MANAGEMENT SYSTEM
STORAGE REQUIRED: 6,000 c.f.
STORAGE PROVIDED: 6,164 c.f.
INSTALLED USING TYPICAL STONE REQUIREMENTS OF 6 INCHES ABOVE AND BELOW CHAMBERS AND A 1 FT. BORDER SURROUNDING



MATERIALS LIST		
RECHARGER 280HD STARTER	8	PIECES
RECHARGER 280HD INTERMEDIATE	73	PIECES
RECHARGER 280HD END	8	PIECES
HW V FC-24 FEED CONNECTORS	16	PIECES
CULTEC NO. 20L POLYETHYLENE LINER	5	ROLLS
1.2 - 2 INCH DIAMETER BROKEN STONE	214	CUBIC YARDS
VOLUME OF EXCAVATION	128	CUBIC YARDS

- CULTEC RECHARGER® 280HD LEGEND**
-  RECHARGER 280HD STARTER
 -  RECHARGER 280HD INTERMEDIATE
 -  RECHARGER 280HD END
 -  HW V FC-24 FEED CONNECTORS
 -  CULTEC NO. 20L POLYETHYLENE LINER

CULTEC STORMWATER MANAGEMENT SYSTEM
STORAGE REQUIRED: 10,000 c.f.
STORAGE PROVIDED: 10,240 c.f.
INSTALLED USING TYPICAL STONE REQUIREMENTS OF 6 INCHES ABOVE AND BELOW CHAMBERS AND A 1 FT. BORDER SURROUNDING

NO.	REVISION	DATE

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

DETAILS
CULTEC DETENTION BEDS

WIND COLEBROOK SOUTH
 FLAGG HILL ROAD

CIVIL 

CORNERSTONE PROFESSIONAL PARK, SUITE D-101
 43 SHERMAN HILL ROAD
 WOODBURY, CONNECTICUT (203) 266-0778

DESIGNED BY	BB	CHECKED BY	CJ
SCALE	N.T.S.	DATE	26 AUG 11
PROJECT NO.	3092	DRAWING NO.	3092
CUSTOMER NO.	3092		

C604