

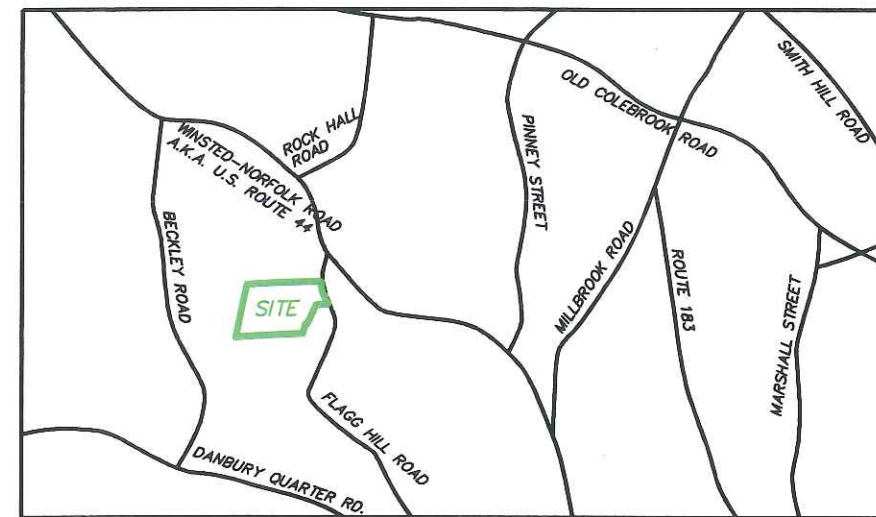
# WIND COLEBROOK SOUTH

**RECEIVED**  
SEP 16 2011

CONNECTICUT  
SITING COUNCIL

## FLAGG HILL ROAD COLEBROOK, CONNECTICUT

SHEET NUMBER	DESCRIPTION
C001	PROPERTY SURVEY
C002	SITE PLAN WITH AERIAL IMAGERY
C003	CLEARING LIMITS PLAN & VERNAL POOL ANALYSIS
C100	OVERALL SITE PLAN
C101	TURBINE ONE AND CRANE ASSEMBLY AREA SITE PLAN
C102	TURBINE TWO SITE PLAN
C103	TURBINE THREE SITE PLAN
C200	EROSION CONTROL PLAN
C201	EROSION CONTROL PLAN ACCESS DRIVE STA. 0+00 TO 5+50
C202	EROSION CONTROL PLAN ACCESS DRIVE STA. 5+50 TO 10+50
C203	EROSION CONTROL PLAN ACCESS DRIVE STA. 10+50 TO 23+50
C204	EROSION CONTROL PLAN TURBINE ONE AND ACCESS DRIVE STA. 0+00 TO 4+55
C205	EROSION CONTROL PLAN TURBINE TWO AND ACCESS DRIVE STA. 26+50 TO 35+50
C206	EROSION CONTROL PLAN TURBINE THREE AND ACCESS DRIVE STA. 35+50 TO 42+19
C300	GRADING PLAN
C301	GRADING PLAN ACCESS DRIVE STA. 0+00 TO 5+50
C302	GRADING PLAN ACCESS DRIVE STA. 5+50 TO 10+50
C303	GRADING PLAN ACCESS DRIVE STA. 10+50 TO 23+50
C304	GRADING PLAN TURBINE ONE LOCATION AND ACCESS DRIVE STA. 0+00 TO 4+55
C305	GRADING PLAN TURBINE TWO LOCATION AND ACCESS DRIVE STA. 26+50 TO 35+50
C306	GRADING PLAN TURBINE THREE LOCATION AND ACCESS DRIVE STA. 35+50 TO 42+19
C401	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 0+00 TO 7+00
C402	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 7+00 TO 14+00
C403	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 14+00 TO 21+50
C404	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 21+50 TO 29+00
C405	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 29+00 TO 36+00
C406	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 36+00 TO 42+19.07
C407	TURBINE ONE ACCESS DRIVE PLAN AND PROFILE STA. 0+00 TO 4+55
C408	STORM DRAINAGE PROFILES MAIN ACCESS DRIVE
C409	STORM DRAINAGE PROFILES MAIN ACCESS DRIVE
C410	STORM DRAINAGE PROFILES
C500	POST CONSTRUCTION GRADING PLAN
C501	POST CONSTRUCTION GRADING PLAN ACCESS DRIVE STA. 0+00 TO 5+50
C502	POST CONSTRUCTION GRADING PLAN ACCESS DRIVE STA. 5+50 TO 10+50
C503	POST CONSTRUCTION GRADING PLAN ACCESS DRIVE STA. 10+50 TO 23+50
C504	POST CONSTRUCTION GRADING PLAN TURBINE ONE AND ACCESS DRIVE STA. 0+00 TO 4+55
C505	POST CONSTRUCTION GRADING PLAN TURBINE TWO AND ACCESS DRIVE STA. 26+50 TO 35+50
C506	POST CONSTRUCTION GRADING PLAN TURBINE THREE AND ACCESS DRIVE STA. 35+50 TO 42+19
C600	EROSION CONTROL NARRATIVE AND CONSTRUCTION SEQUENCE
C601	DETAILS
C602	DETAILS
C603	DETAILS
C604	DETAILS - CULTEC DETENTION BEDS
A100	EXISTING FOUNDATION LAYOUT
A101	EXISTING FIRST AND SECOND FLOOR LAYOUT
A102	EXISTING FRONT AND LEFT ELEVATIONS
A103	EXISTING REAR AND RIGHT ELEVATIONS
A104	PROPOSED FOUNDATION LAYOUT
A105	PROPOSED FIRST FLOOR LAYOUT
A106	PROPOSED FRONT ELEVATION
A107	PROPOSED LEFT AND REAR ELEVATIONS
E101	ELECTRICAL SITE PLAN
E201	ELECTRICAL RISER DIAGRAM



VICINITY MAP

CONNECTICUT SITING  
COUNCIL SUBMISSION

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

ENGINEER  
CIVIL 1  
43 SHERMAN HILL ROAD, SUITE D-101  
WOODBURY, CT

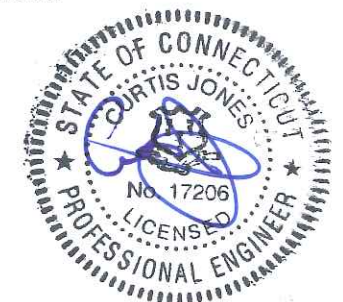
ENVIRONMENTAL CONSULTANT  
VHB  
54 TUTTLE PLACE  
MIDDLETOWN, CT

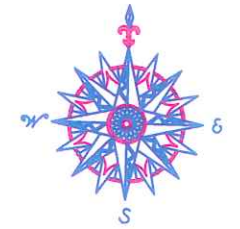
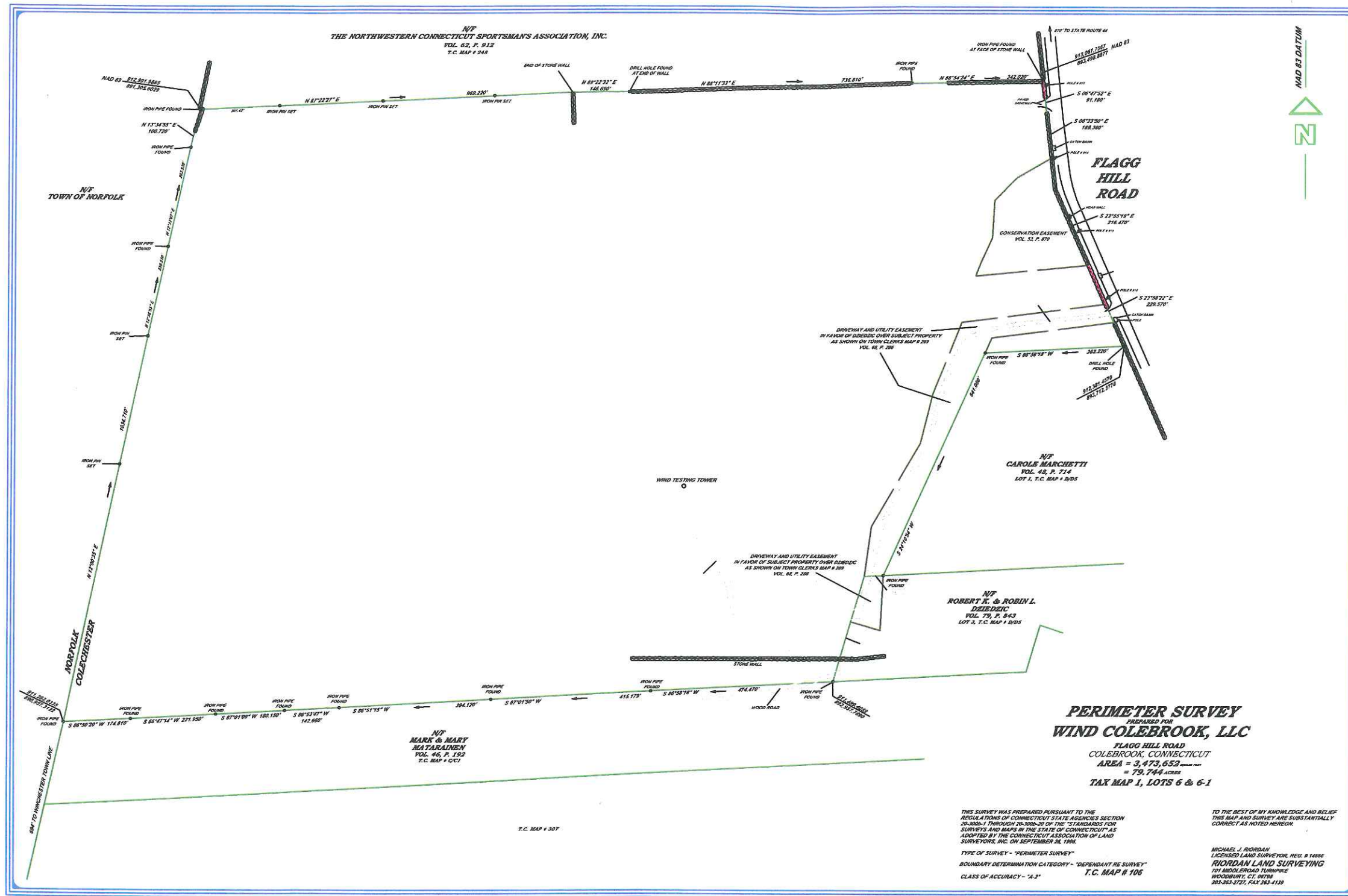
SURVEYOR  
RIORDAN LAND SURVEYING  
701 MIDDLE ROAD TURNPIKE  
WOODBURY, CT



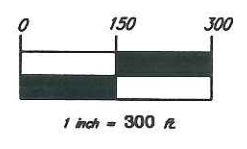
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 206-0778 CONNECTICUT

AUGUST 26, 2011





NO.	REVISION	DATE



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

**PROPERTY SURVEY**

**WIND COLEBROOK SOUTH**  
 FLAGG HILL ROAD

COLEBROOK CONNECTICUT



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

DATE	26 AUG 11
PROJECT NO.	3092
FIELD BOOK NO.	3092
<b>C-001</b>	

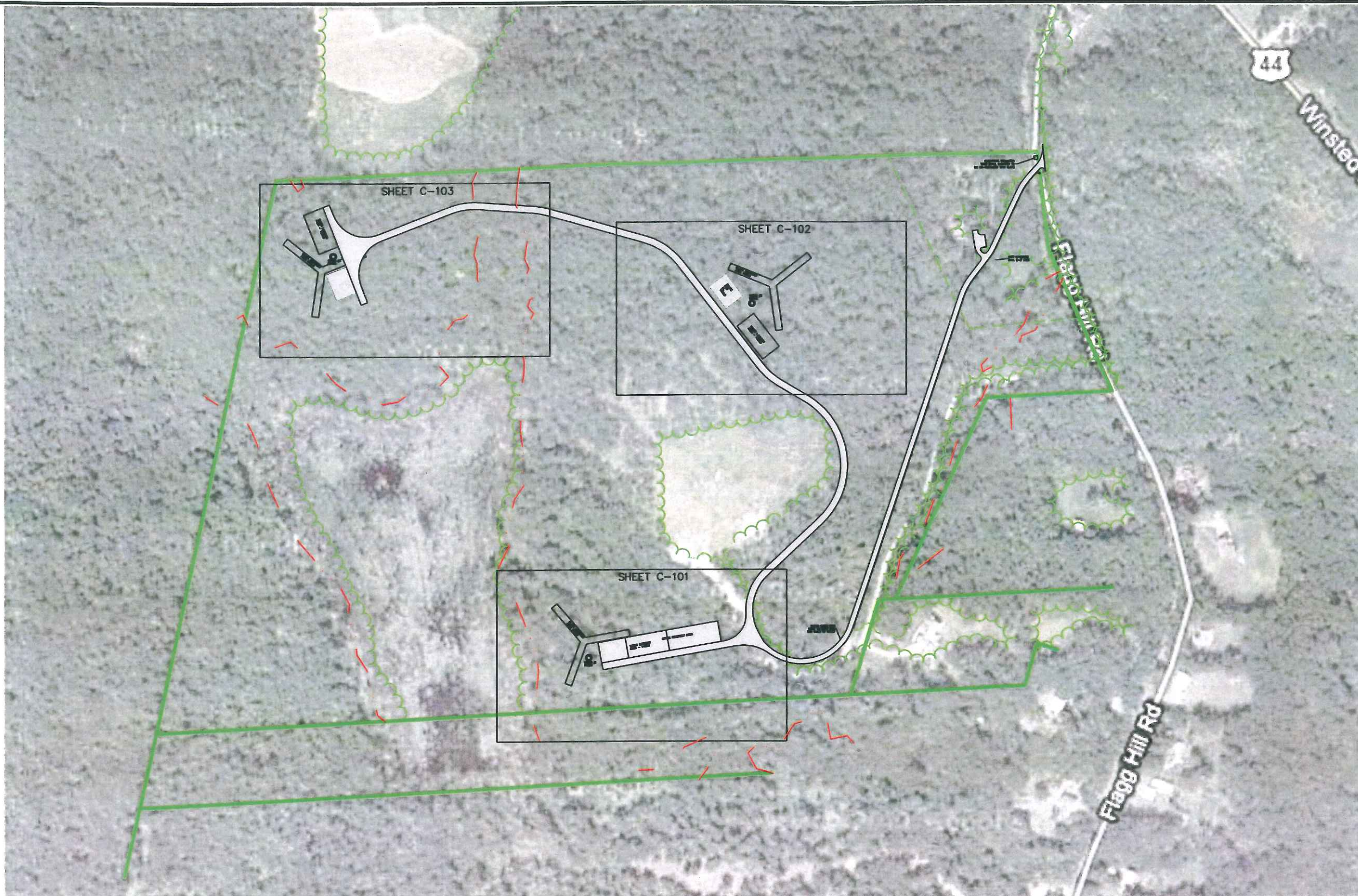
**PERIMETER SURVEY**  
 PREPARED FOR  
**WIND COLEBROOK, LLC**  
 FLAGG HILL ROAD  
 COLEBROOK, CONNECTICUT  
 AREA = 3,473,652 sq. ft.  
 = 79.744 ACRES  
 TAX MAP 1, LOTS 6 & 6-1

THIS SURVEY WAS PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 26-300a-1 THROUGH 26-300a-20 OF THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 30, 1998.

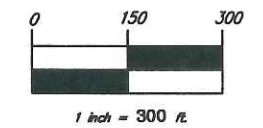
TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP AND SURVEY ARE SUBSTANTIALLY CORRECT AS NOTED HEREON.

TYPE OF SURVEY - PERIMETER SURVEY  
 BOUNDARY DETERMINATION CATEGORY - "DEPENDANT RE SURVEY"  
 CLASS OF ACCURACY - "A-1"

MICHAEL J. RIORDAN  
 LICENSED LAND SURVEYOR, REG. # 14896  
**RIORDAN LAND SURVEYING**  
 701 MIDDLEBROAD TURNPIKE  
 WOODBURY, CT, 06798  
 203-263-2721, FAX 203-263-4130



NO.	REVISION	DATE



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

**SITE PLAN WITH  
 AERIAL IMAGERY**







**WIND COLEBROOK  
 SOUTH**  
 FLAGG HILL ROAD

COLEBROOK CONNECTICUT

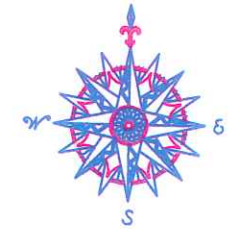


CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

**LEGEND**

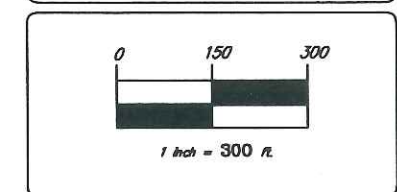
-  PROPERTY LINE
-  EXISTING TREELINE
-  LIMITS OF CLEARING
-  WETLANDS/WATERCOURSE BOUNDARY
-  EXISTING ROADWAY
-  PROPOSED GRAVEL ACCESS DRIVE

DESIGNED BY:	BB	APPROVED BY:	CJ
SCALE:	1" = 300'	DATE:	26 AUG 11
PROJECT NO.:	3092	DRAWN BY:	3092
CHECKED BY:	3092	DATE:	
<b>C-002</b>			



NO.	REVISION	DATE

Previous Edition: Quarterly



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

**CLEARING LIMITS PLAN &  
 VERNAL POOL ANALYSIS**

**WIND COLEBROOK  
 SOUTH**  
 FLAGG HILL ROAD



DATE: 1" = 300'	APPROVED BY: [Signature]
DATE: 30 AUG 11	
SCALE: 3000	
GRID FILE NAME: 3000	

C-003



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

100' VERNAL POOL SETBACK  
 750' VERNAL POOL SETBACK

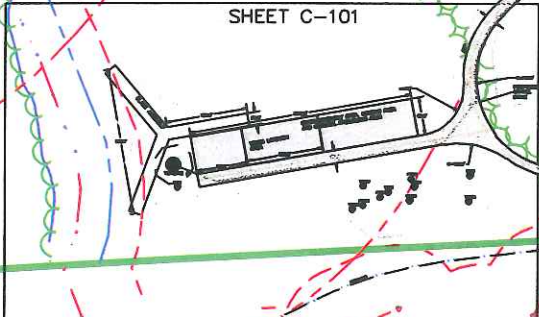
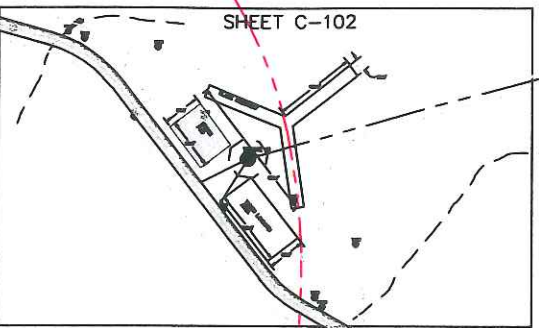
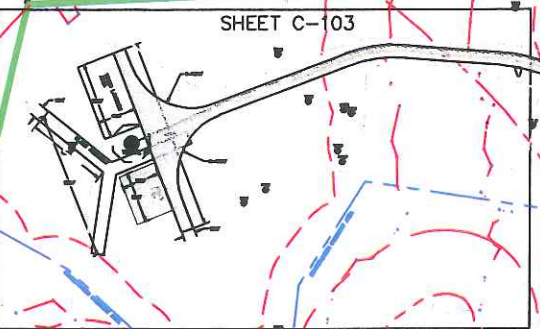
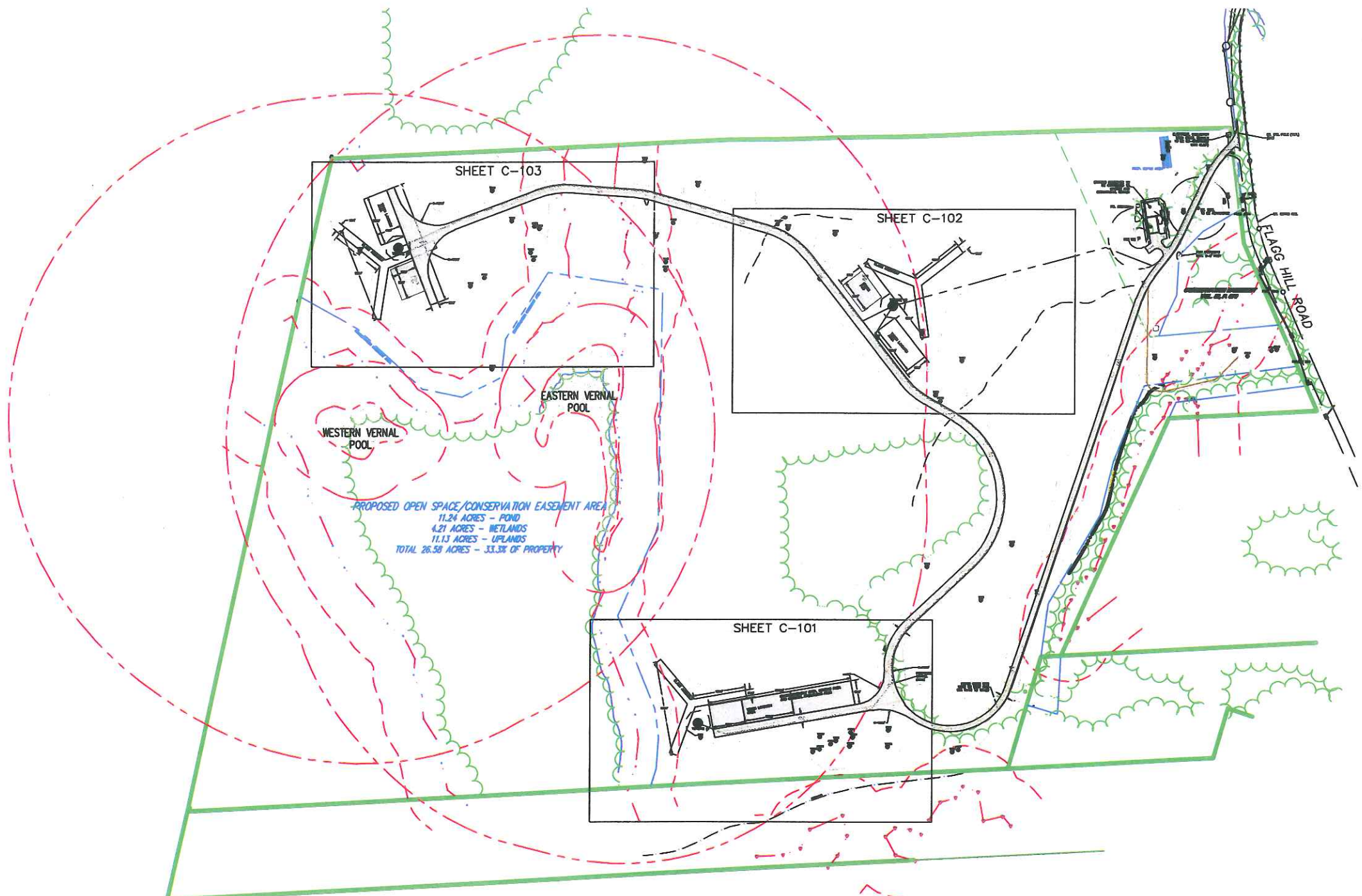
**WESTERN VERNAL POOL**

DISTANCE	TOTAL AREA	PRE-DEVELOPMENT		POST-DEVELOPMENT	
		AREA DISTURBED	% DISTURBED	AREA DISTURBED	% DISTURBED
0-100' FROM POOL	2.03 AC.	0 AC.	0	0 AC.	0
100-750' FROM POOL	48.20 AC	0 AC.	0	2.89 AC	6.00%

**EASTERN VERNAL POOL**

DISTANCE	TOTAL AREA	PRE-DEVELOPMENT		POST-DEVELOPMENT	
		AREA DISTURBED	% DISTURBED	AREA DISTURBED	% DISTURBED
0-100' FROM POOL	3.88 AC.	0 AC.	0	0 AC.	0
100-750' FROM POOL	58.12 AC	0 AC.	0	7.59 AC	13.07%

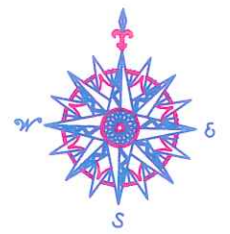
**NOTE:**  
 1) TOTAL AREA OF PROPERTY - ±79.74 ACRES  
 2) TOTAL AREA TO BE CLEARED - ±13.32 ACRES (16.70% OF PROPERTY)



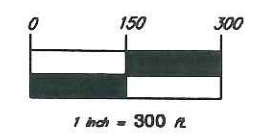
WESTERN VERNAL POOL  
EASTERN VERNAL POOL  
**PROPOSED OPEN SPACE/CONSERVATION EASEMENT AREA**  
11.24 ACRES - POND  
4.21 ACRES - WETLANDS  
11.13 ACRES - UPLANDS  
TOTAL 26.58 ACRES - 33.3% OF PROPERTY

**LEGEND**

- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- DEEP TEST LOCATION WITH NUMBER
- PERCOLATION TEST LOCATION WITH NUMBER
- VERNAL POOL AREA
- 100' VERNAL POOL SETBACK
- 750' VERNAL POOL SETBACK



NO.	REVISION	DATE



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

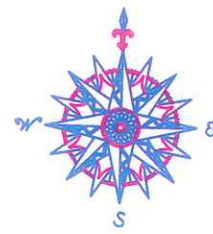
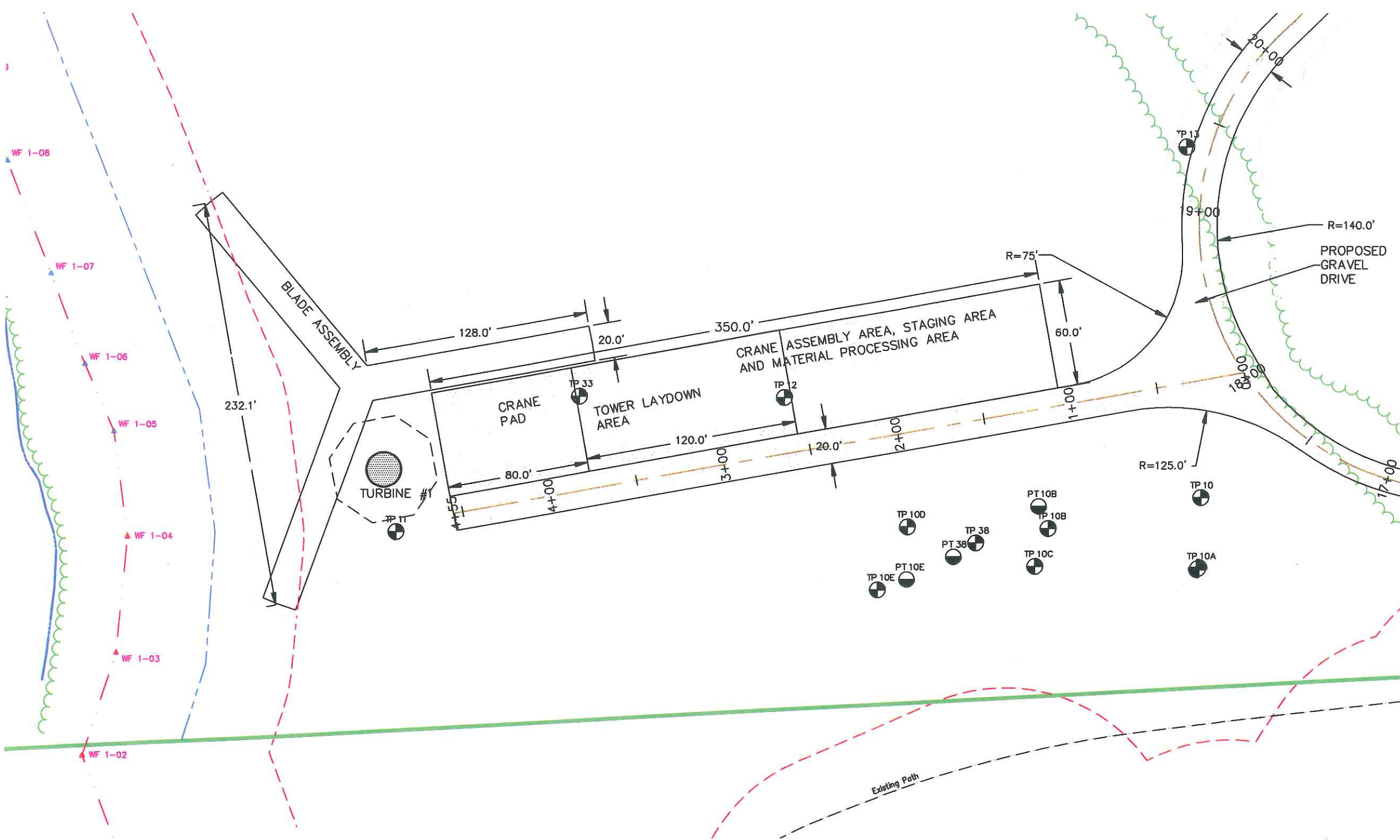
**OVERALL SITE PLAN**

**WIND COLEBROOK SOUTH**  
FLAG HILL ROAD

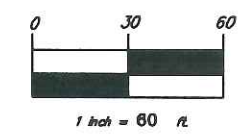


CONVENTIONE PROFESSIONAL PARK, SUITE D-602  
48 SHERRILL HILL ROAD  
COLEBROOK, CT 06032  
PHONE: 203-266-0770

DATE: 08	APPROVED: C1
SCALE: 1" = 300'	
DATE: 28 AUG 11	
FILE NO: 5008	
DATE AND SCALE: 2008	
<b>C100</b>	



NO.	REVISION	DATE



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

**TURBINE ONE AND CRANE  
 ASSEMBLY SITE PLAN**

**WIND COLEBROOK  
 SOUTH  
 FLAGG HILL ROAD**

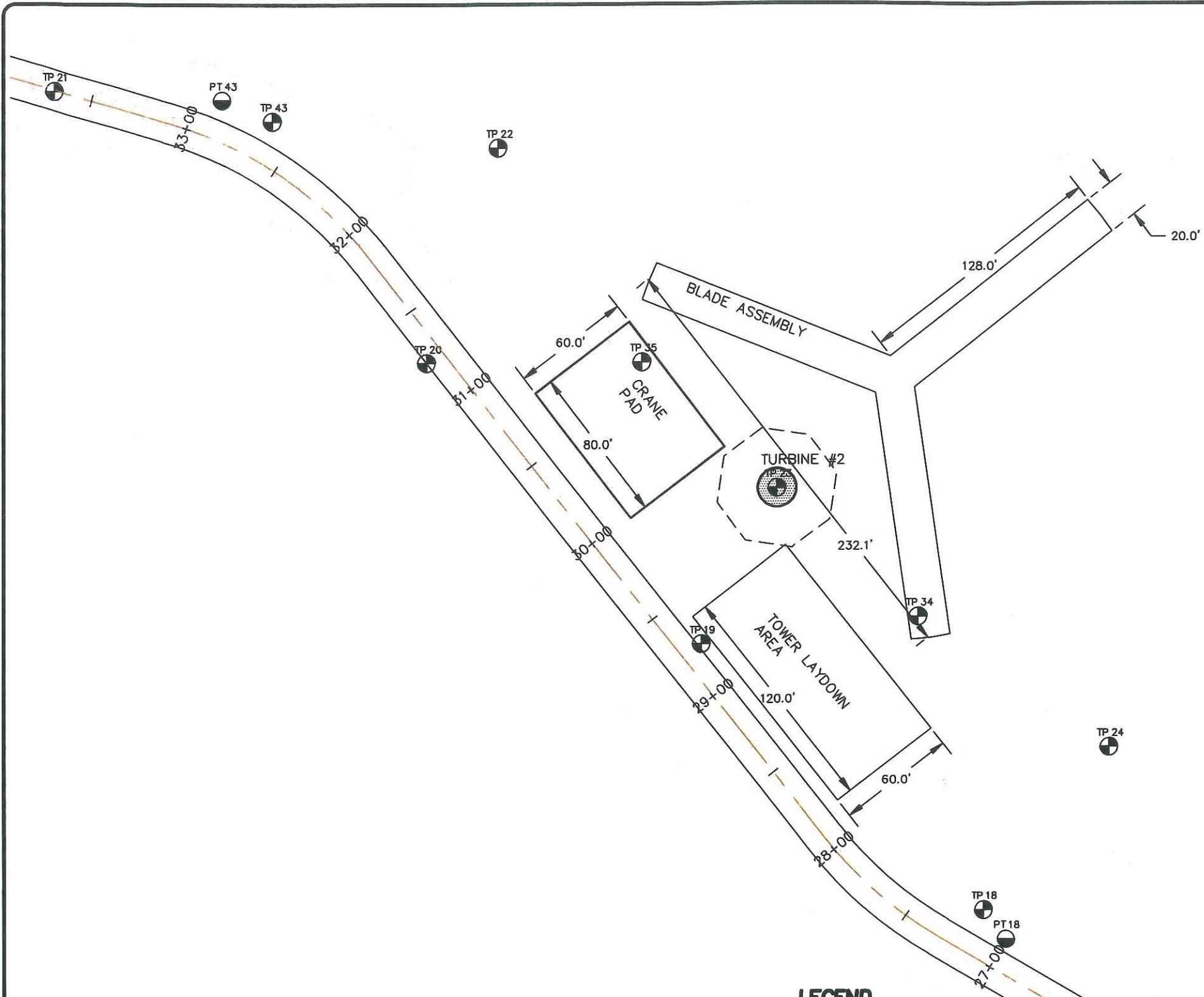


CONVENTIONAL PROFESSIONAL FIRM, STATE D-021  
 48 SHERRILL HILL ROAD  
 COLLEBROOK, CT 06103  
 (860) 380-0778

**LEGEND**

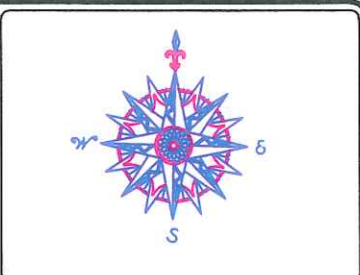
- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- DEEP TEST LOCATION WITH NUMBER
- PERCOLATION TEST LOCATION WITH NUMBER

DATE:	28 AUG 11
SCALE:	1" = 60'
PROJECT NO.:	3008
DRAWING NO.:	3008
<b>C101</b>	



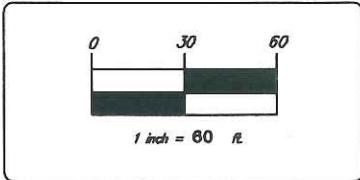
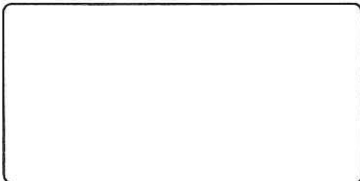
**LEGEND**

	PROPERTY LINE
	EXISTING TREELINE
	LIMITS OF CLEARING
	WETLANDS/WATERCOURSE BOUNDARY
	EXISTING ROADWAY
	PROPOSED GRAVEL ACCESS DRIVE
	DEEP TEST LOCATION WITH NUMBER
	PERCOLATION TEST LOCATION WITH NUMBER



NO.	REVISION	DATE

*Preparer: Edlin Associates*

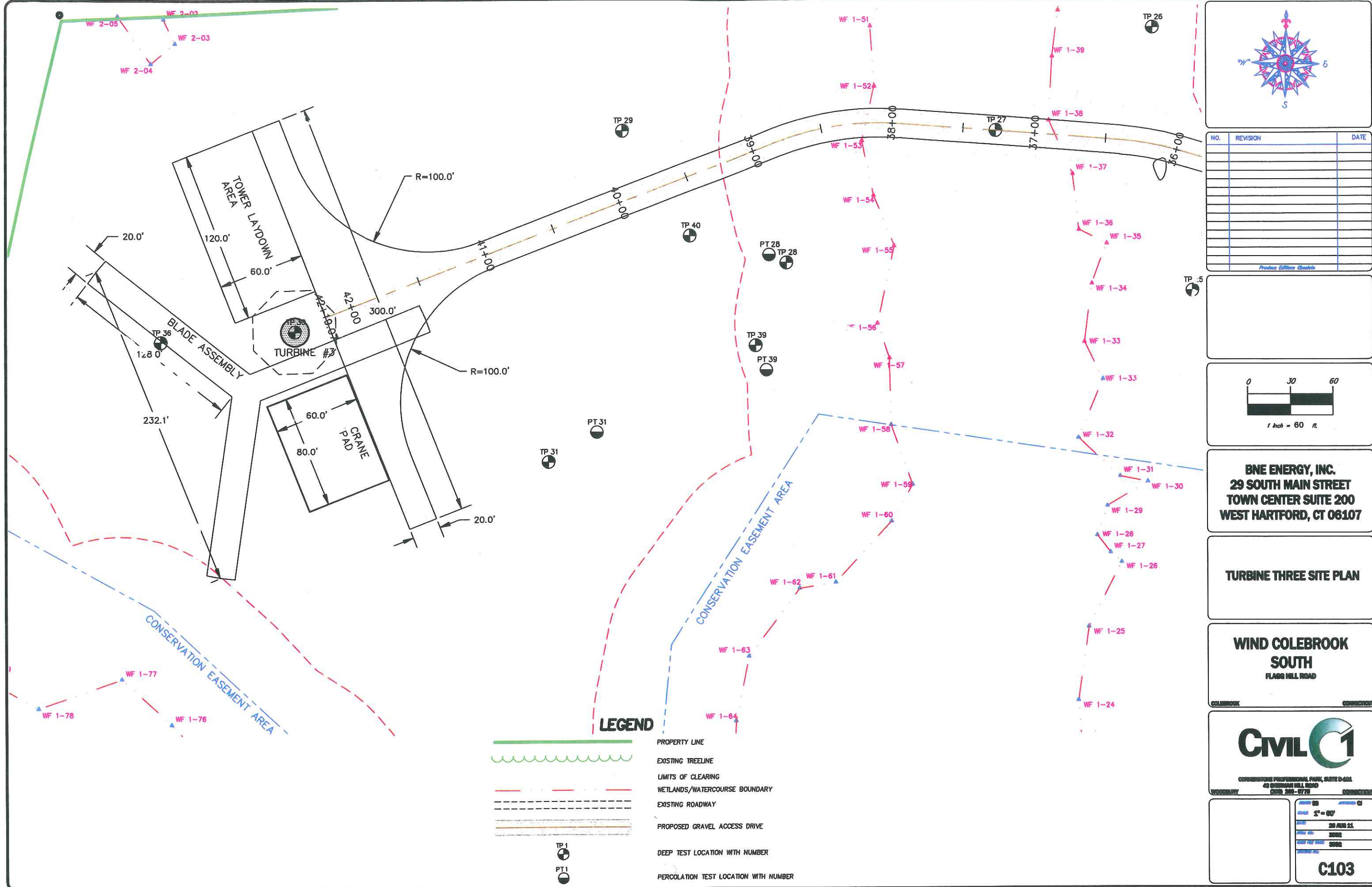


**BNE ENERGY, INC.**  
 29 SOUTH MAIN STREET  
 TOWN CENTER SUITE 200  
 WEST HARTFORD, CT 06107

**TURBINE TWO SITE PLAN**

**WIND COLEBROOK SOUTH**  
 FLAG HILL ROAD  
 COLEBROOK CONNECTICUT

DATE:	20 APR 11
DRAWN BY:	3000
CHECKED BY:	3000
DATE PLOTTED:	3000
PROJECT NO.:	
<b>C102</b>	



NO.	REVISION	DATE

**LEGEND**

- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- DEEP TEST LOCATION WITH NUMBER
- PERCOLATION TEST LOCATION WITH NUMBER

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

**TURBINE THREE SITE PLAN**

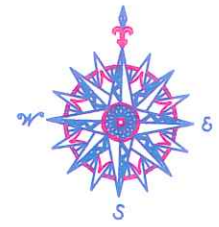
**WIND COLEBROOK SOUTH**  
 FLAGG HILL ROAD



CONSULTING PROFESSIONAL FIRM, SUITE D-404  
 49 BISHAM HILL ROAD  
 COLBROOK, CT 06102

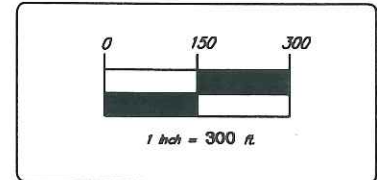
DATE: 05/10  
 SCALE: 1" = 60'  
 DATE: 28 APR 11  
 DRAWN BY: SCB  
 CHECKED BY: SCB  
 APPROVED BY: SCB  
**C103**





NO.	REVISION	DATE

Previous Editions Quashed



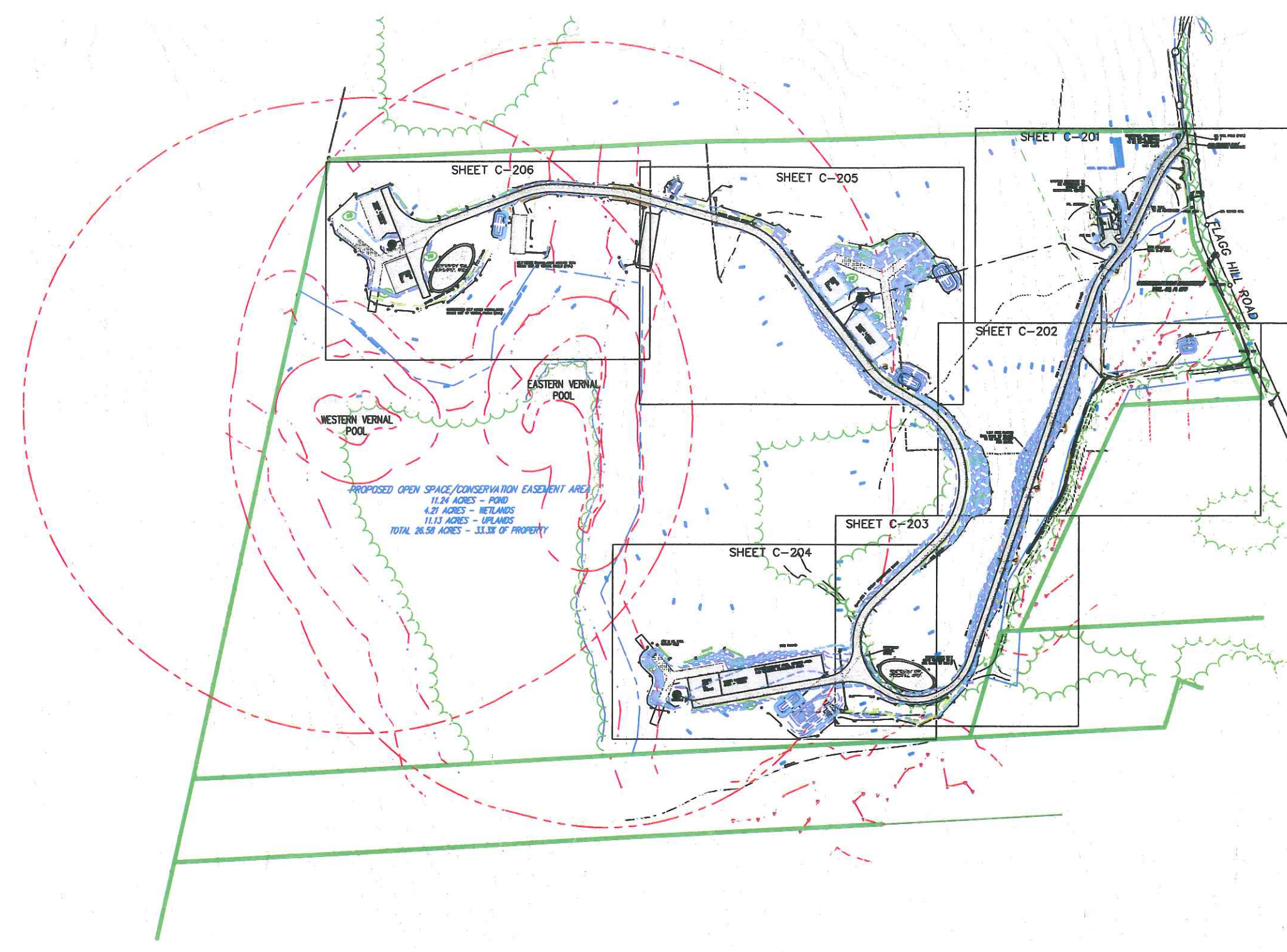
**BNE ENERGY, INC.**  
 29 SOUTH MAIN STREET  
 TOWN CENTER SUITE 200  
 WEST HARTFORD, CT 06107

**EROSION CONTROL PLAN**

**WIND COLEBROOK SOUTH**  
 FLAG HILL ROAD



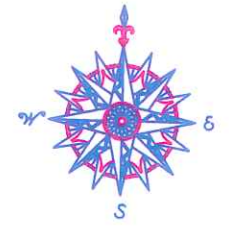
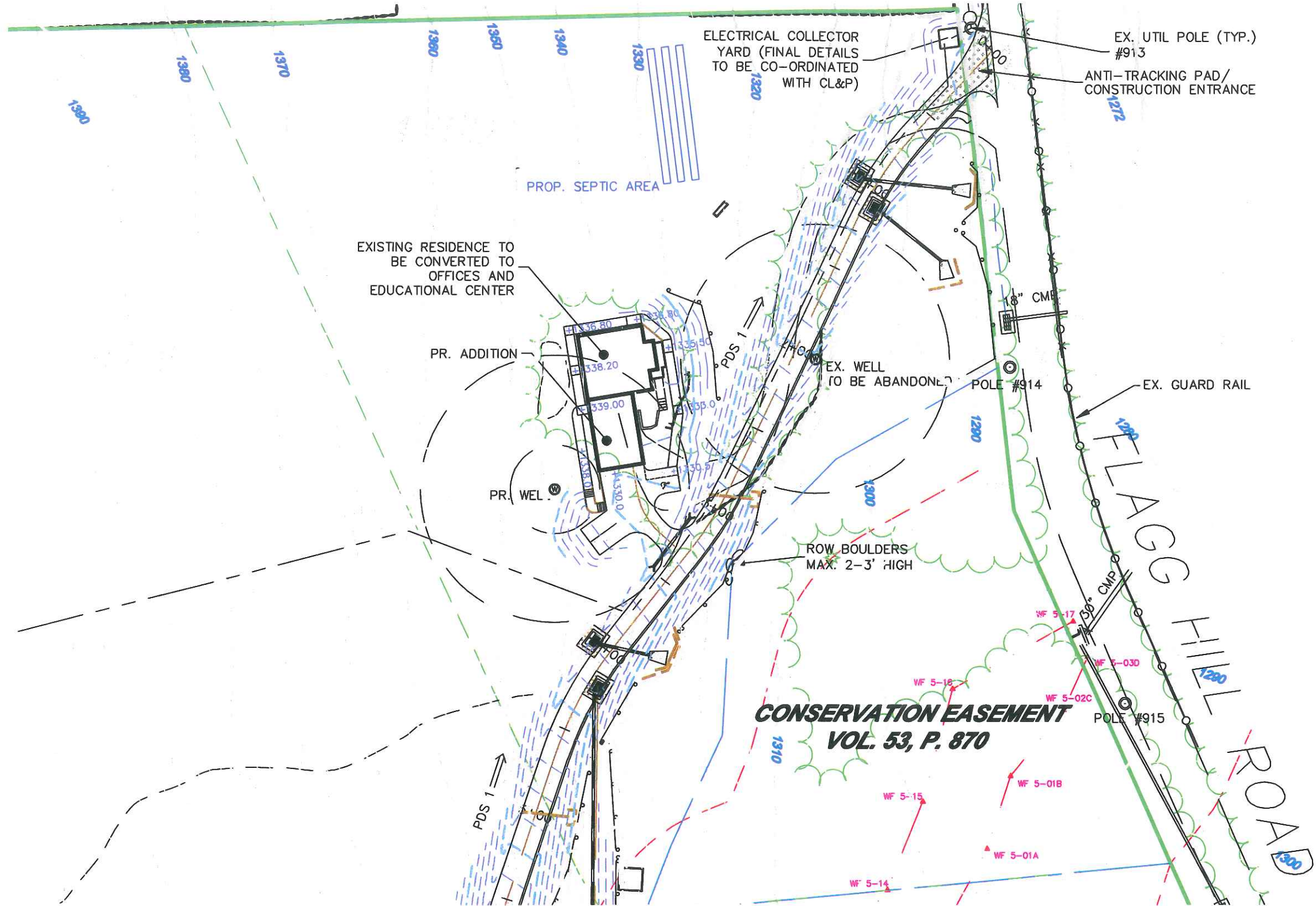
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SCALE	1" = 300'
DATE	29 APR 11
DATE OF ISSUE	3002
DATE OF REVISION	3002
DATE OF APPROVAL	3002
<b>C200</b>	



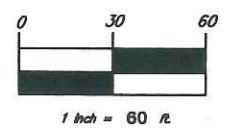
PROPOSED OPEN SPACE/CONSERVATION EASEMENT AREA  
 11.24 ACRES - POND  
 4.21 ACRES - WETLANDS  
 11.13 ACRES - UPLANDS  
 TOTAL 26.58 ACRES - 33.3% OF PROPERTY

**LEGEND**

- TD ⇒  
 PCS ⇒
- 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
- 2' X 2' STONE INFILTRATION TRENCH  
 VERNAL POOL AREA  
 100' VERNAL POOL SETBACK  
 750' VERNAL POOL SETBACK



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



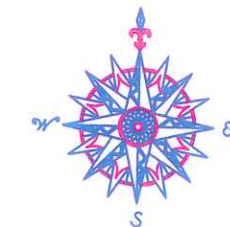
REGISTERED PROFESSIONAL ENGINEER, SUITE D-602  
 40 SHERMAN HILL ROAD  
 WEST HARTFORD, CT 06107  
 (860) 299-6779

DATE: 08	APPROVED: CJ
SCALE: 1" = 60'	
DATE: 28 AUG 11	
PROJECT NO.: 3000	
CHECKED BY: 3000	
DESIGNED BY: 3000	

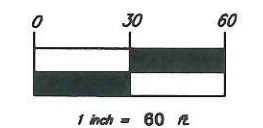
**C201**

**LEGEND**

- |                                                                                                                                                                                              |                                                                                                                                                                                                              |                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COMPACTED EARTH<br>LIMITS OF CLEARING<br>TEMP. WATER DIVERSION SWALE<br>PERM. RIPRAP DIVERSION/CONVEYANCE<br>DRY WATER QUALITY SWALE<br>SOIL TYPE BOUNDARY<br>STAKED HAY BALES<br>SILT FENCE | PROPERTY LINE<br>EXISTING CONTOUR<br>PROPOSED CONTOUR<br>PROPOSED STORM DRAINAGE<br>EDGE OF WATER<br>WETLANDS/WATERCOURSE BOUNDARY<br>100' WETLANDS REVIEW AREA<br>EXISTING ROADWAY<br>PROPOSED ACCESS DRIVE | BALED FILTER<br>TEMPORARY SOIL STOCKPILE<br>TEMPORARY SEDIMENT TRAP<br>TEMPORARY SEEDING<br>EROSION CONTROL BLANKET<br>STONE CHECK DAM<br>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  
ACCESS DRIVE STA.  
5+50 TO 10+50

WIND COLEBROOK  
SOUTH  
FLAGG HILL ROAD  
COLEBROOK CONNECTICUT



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

DESIGN: BB	APPROVED: CJ
SCALE: 1" = 60'	DATE: 26 AUG 11
DRAWN BY: 3092	DATE: 3092
CHECKED BY: 3092	DATE: 3092

C202

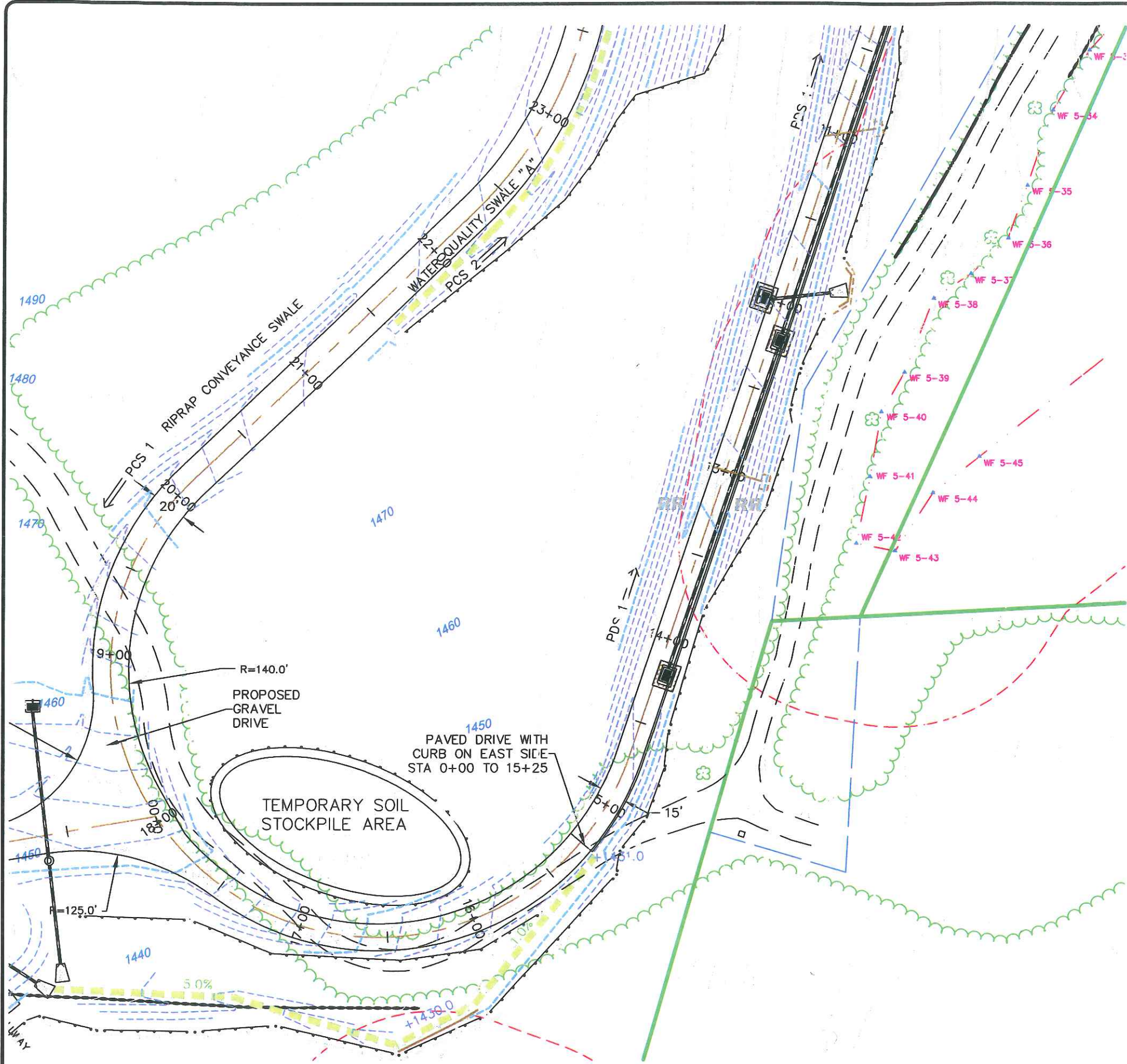
TST1 - BOTTOM EL. -1306.0  
POOL EL. - 1308.0  
WEIR EL. -1309.5  
BERM EL. - 1310.5

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

1.5:1 SIDE SLOPES  
(STA 0+00 TO 15+00)  
TO BE MOD. RIPRAP  
PER DETAIL

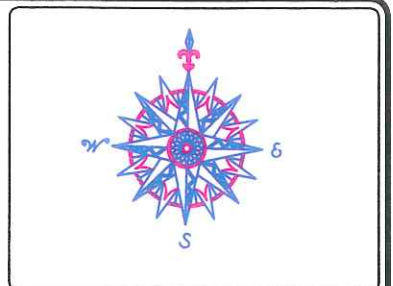
**LEGEND**

- |                                                                                                                                 |                                                                                                                                                                                                                                                                                          |                                                                                                                                    |                                                                                                                                                                                                                                                                                                                |                                                                                                                |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li> TD</li> <li> PCS</li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> </ul> | <ul style="list-style-type: none"> <li>COMPACTED EARTH</li> <li>LIMITS OF CLEARING</li> <li>TEMP. WATER DIVERSION SWALE</li> <li>PERM. RIPRAP DIVERSION/CONVEYANCE</li> <li>DRY WATER QUALITY SWALE</li> <li>SOIL TYPE BOUNDARY</li> <li>STAKED HAY BALES</li> <li>SILT FENCE</li> </ul> | <ul style="list-style-type: none"> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> </ul> | <ul style="list-style-type: none"> <li>PROPERTY LINE</li> <li>EXISTING CONTOUR</li> <li>PROPOSED CONTOUR</li> <li>PROPOSED STORM DRAINAGE</li> <li>EDGE OF WATER</li> <li>WETLANDS/WATERCOURSE BOUNDARY</li> <li>100' WETLANDS REVIEW AREA</li> <li>EXISTING ROADWAY</li> <li>PROPOSED ACCESS DRIVE</li> </ul> | <ul style="list-style-type: none"> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> <li></li> </ul> | <ul style="list-style-type: none"> <li>BALED FILTER</li> <li>TEMPORARY SOIL STOCKPILE</li> <li>TEMPORARY SEDIMENT TRAP</li> <li>TEMPORARY SEEDING</li> <li>EROSION CONTROL BLANKET</li> <li>STONE CHECK DAM</li> <li>WATER BAR WITH STAKED HAYBALES</li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



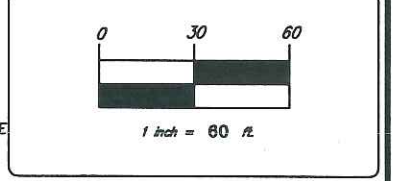
### LEGEND

- 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

PROFESSIONAL ENGINEER  
 STATE OF CONNECTICUT  
 No. 06058  
 JOHN J. COUGHLIN



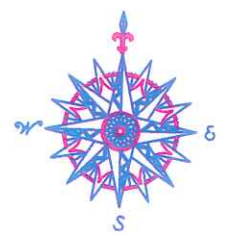
**BNE ENERGY, INC.**  
 29 SOUTH MAIN STREET  
 TOWN CENTER SUITE 200  
 WEST HARTFORD, CT 06107

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

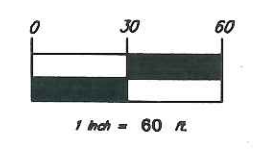
**WIND COLEBROOK SOUTH**  
 FLAGG HILL ROAD  
 COLEBROOK CONNECTICUT

**CIVIL C1**  
 CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY (203) 286-0778 CONNECTICUT

DESIGNED BY	BB	CHECKED BY	CJ
SCALE	1" = 60'	DATE	26 AUG 11
PROJECT NO.	3092	DRAWING NO.	3092
<b>C203</b>			



NO.	REVISION	DATE



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

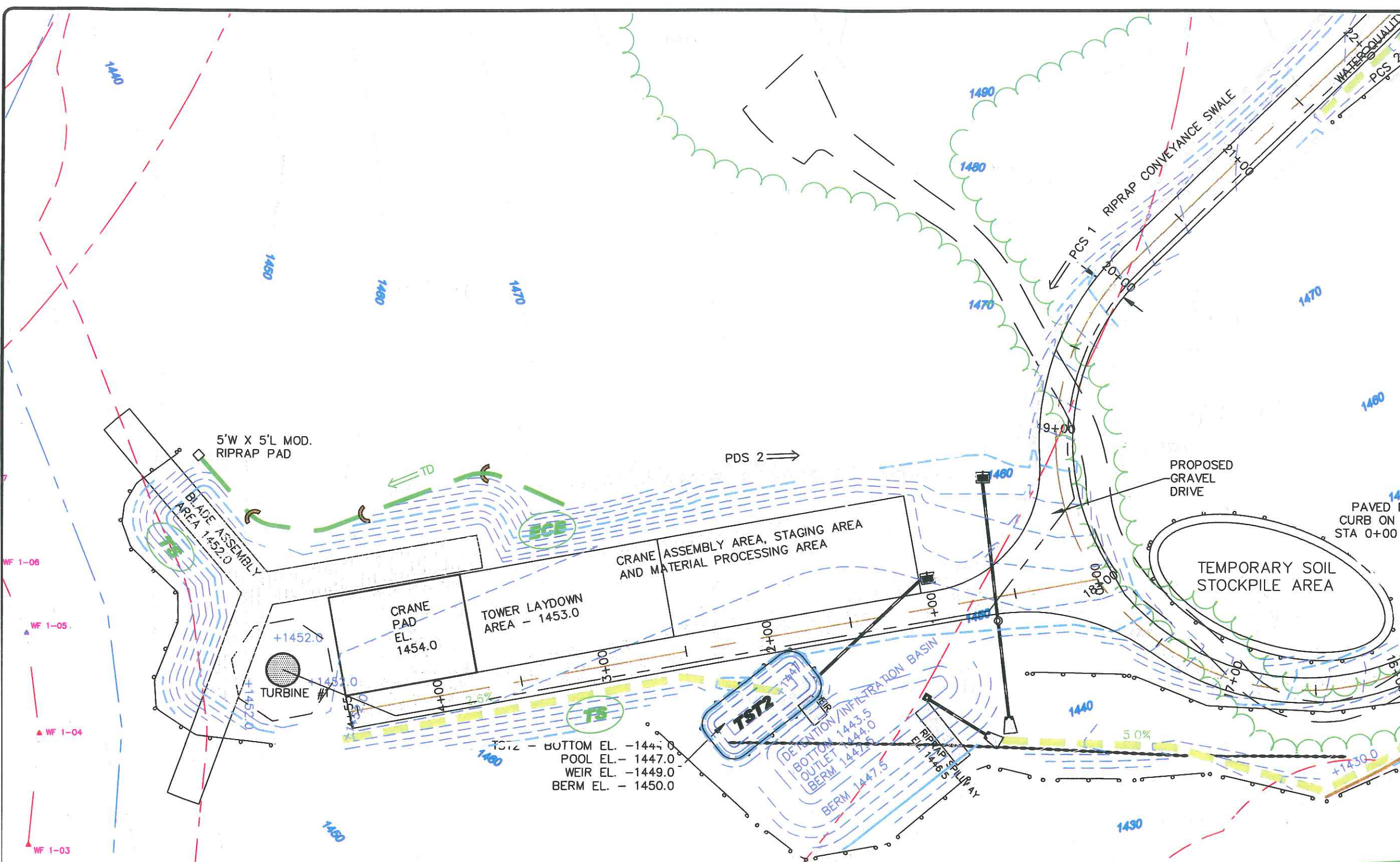
**EROSION CONTROL PLAN**  
**TURBINE ONE LOCATION**  
**AND ACCESS DRIVE STA.**  
**0+00 TO 4+55**

**WIND COLEBROOK**  
**SOUTH**  
 FLAGG HILL ROAD



CORRESPONDENCE PROFESSIONAL FIRM, SUITE 0-401  
 40 SHIMMEL HILL ROAD  
 WOODBRIDGE, CT 06798

DATE:	30 APR 11
SCALE:	3/8" = 1'
PROJECT NO.:	3000
DRAWING NO.:	3000
<b>C204</b>	

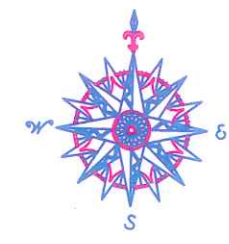


TST2 - BOTTOM EL. -1444.0  
 POOL EL. -1447.0  
 WEIR EL. -1449.0  
 BERM EL. -1450.0

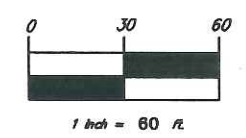
**LEGEND**

- 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

TST5 - BOTTOM EL. -1431.50  
 POOL EL. - 1433.50  
 WEIR EL. - 435.0  
 BERM EL. - 1436.0



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**

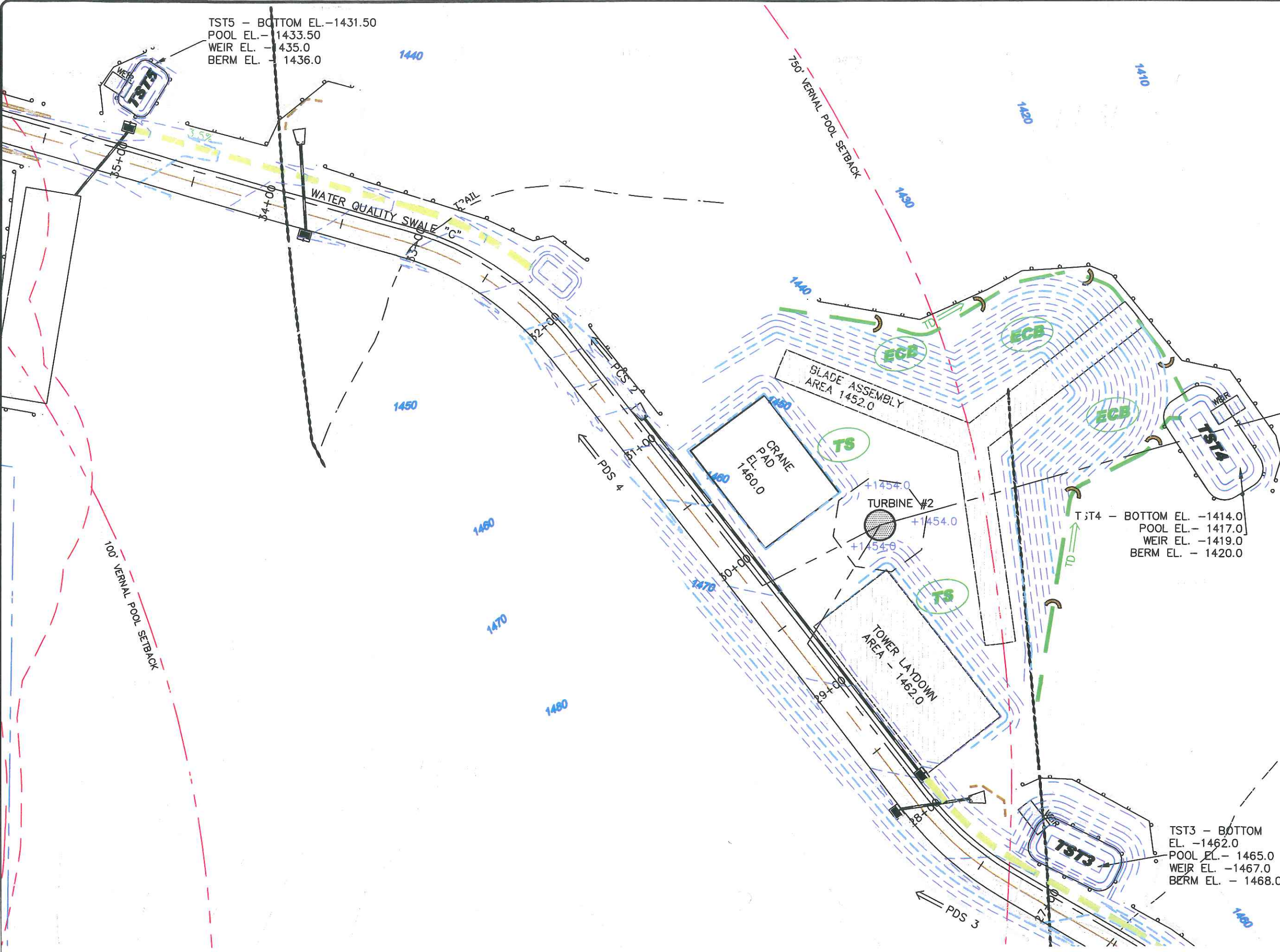
**WIND COLEBROOK**  
**SOUTH**  
 FLAGG HILL ROAD



CONSTRUCTION PROFESSIONAL FIRM, STATE D-042  
 40 SHANNON HILL ROAD  
 WOODBRIDGE, CT 06097  
 PHONE: 860-393-0770

DATE: 20	APPROVED: C1
SCALE: 1" = 60'	
DATE: 20 AUG 11	
PROJECT NO: 3008	
CONTRACT NO: 3008	
ISSUE NO: 001	

**C205**



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

TST4 - BOTTOM EL. -1414.0  
 POOL EL. - 1417.0  
 WEIR EL. -1419.0  
 BERM EL. - 1420.0

BLADE ASSEMBLY  
 AREA 1452.0

CRANE  
 PAD  
 EL. 1460.0

TURBINE #2  
 +1454.0  
 +1454.0  
 +1454.0

TOWER LAYDOWN  
 AREA - 1462.0

WATER QUALITY SWALE "C"

100' VERNAL POOL SETBACK

750' VERNAL POOL SETBACK

1440

1410

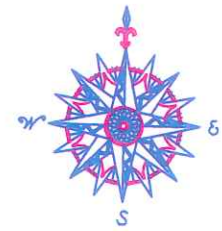
1450

1460

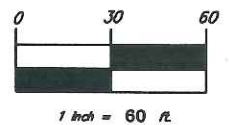
1470

1480

1480



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

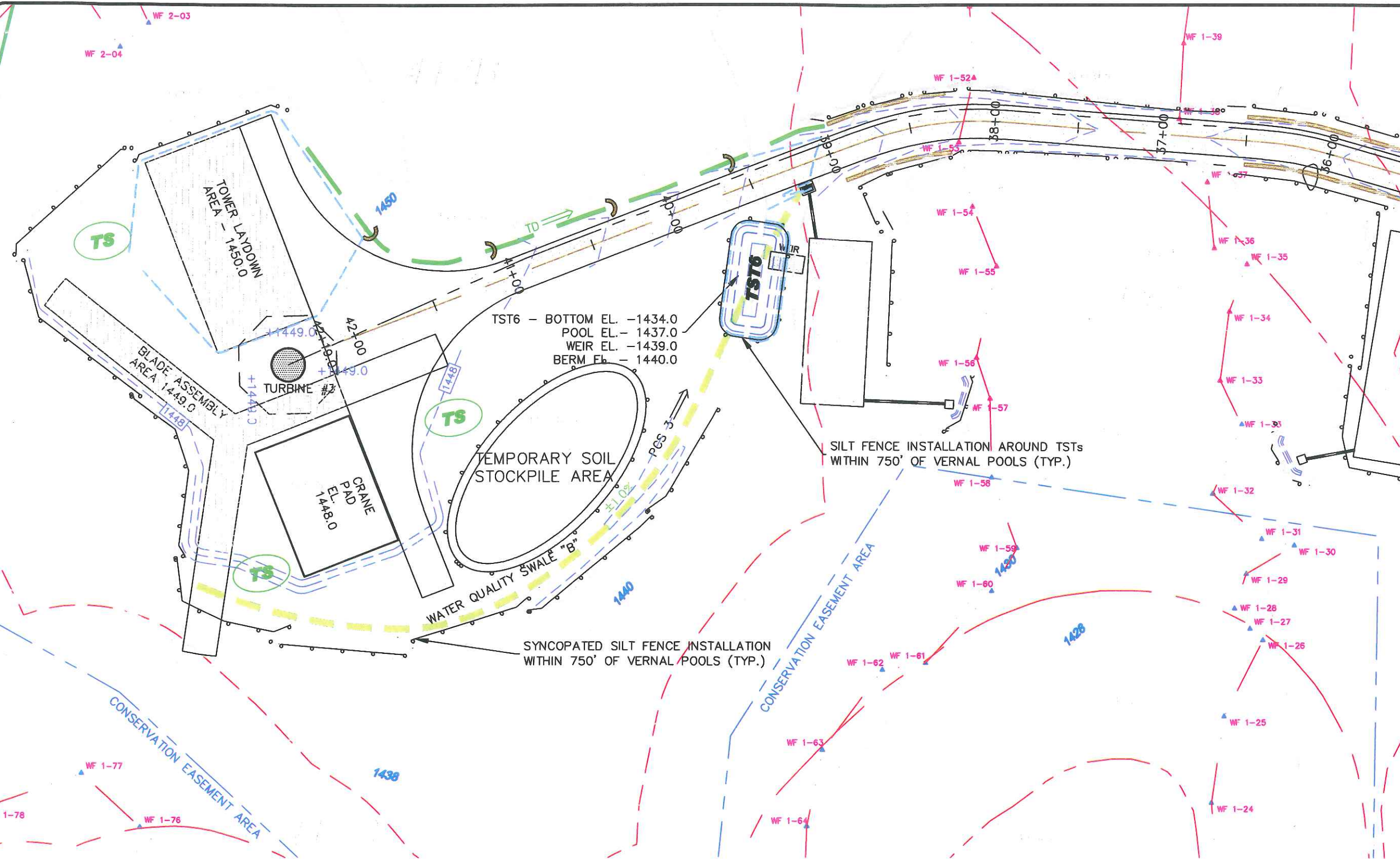
**WIND COLEBROOK SOUTH**  
FLAGG HILL ROAD

**Civil C1**

CORRESPONDENCE PROFESSIONAL FIRM, SUITE 0-450  
40 BRIMFIELD HILL ROAD  
COLEBROOK, CT 06032  
PHONE: 860-383-8773

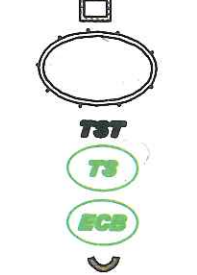
DESIGNED BY	APPROVED BY
DRAWN BY	CHECKED BY
DATE	DATE
PROJECT NO.	PROJECT NAME
DATE	DATE

**C206**

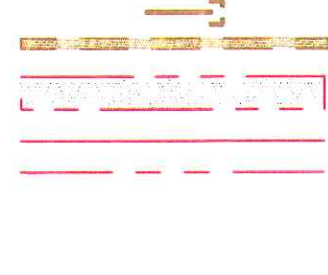


### LEGEND

- 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

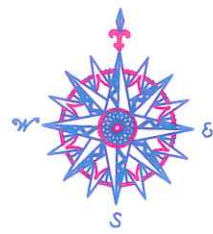


- WATER BAR WITH STAKED HAYBALES
- 2' X 2' STONE INFILTRATION TRENCH
- VERNAL POOL AREA
- 100' VERNAL POOL SETBACK
- 750' VERNAL POOL SETBACK

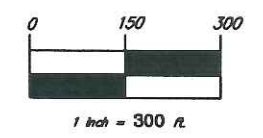
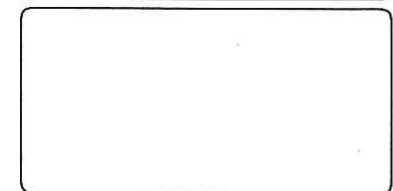
TST6 - BOTTOM EL. -1434.0  
POOL EL. -1437.0  
WEIR EL. -1439.0  
BERM EL. -1440.0

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

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



NO.	REVISION	DATE



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

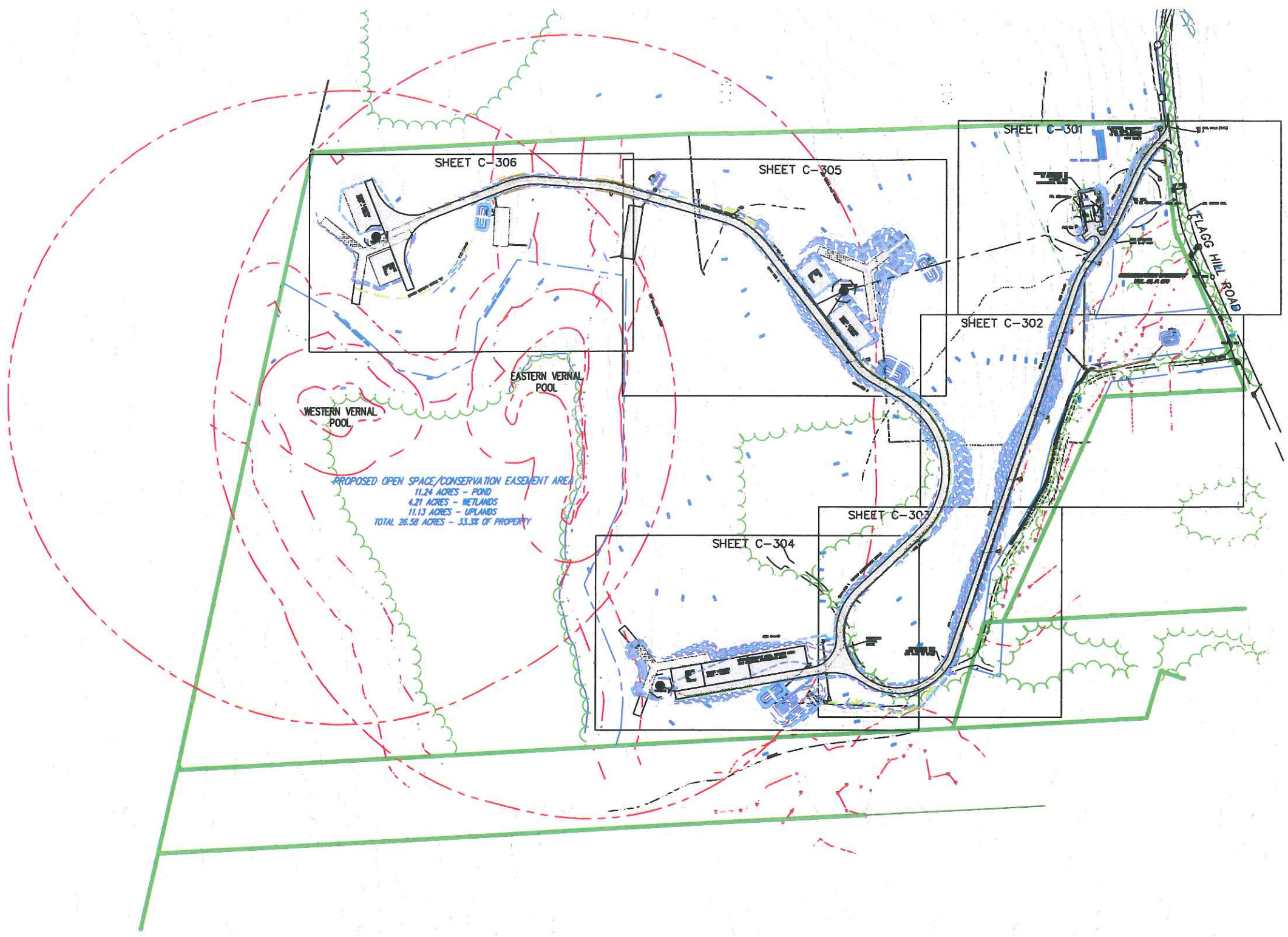
**GRADING PLAN**

**WIND COLEBROOK**  
**SOUTH**  
**FLAG HILL ROAD**

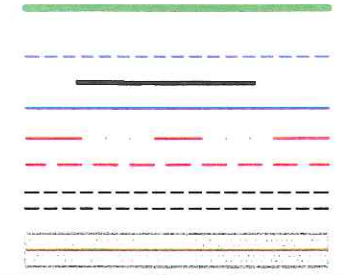


CONVENTURE PROFESSIONAL PARK, SUITE D-601  
 48 SHAWHILL HILL ROAD  
 WEST HARTFORD, CT 06110  
 (860) 380-9770

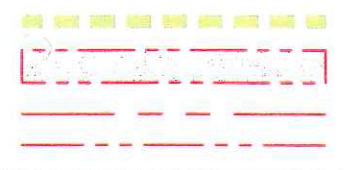
DATE	20	APPROVED BY	
SCALE	1" = 300'	DATE	20 AUG 11
DRAWN BY		CHECKED BY	
CAD FILE NAME		DRAWING NO.	C300



**LEGEND**



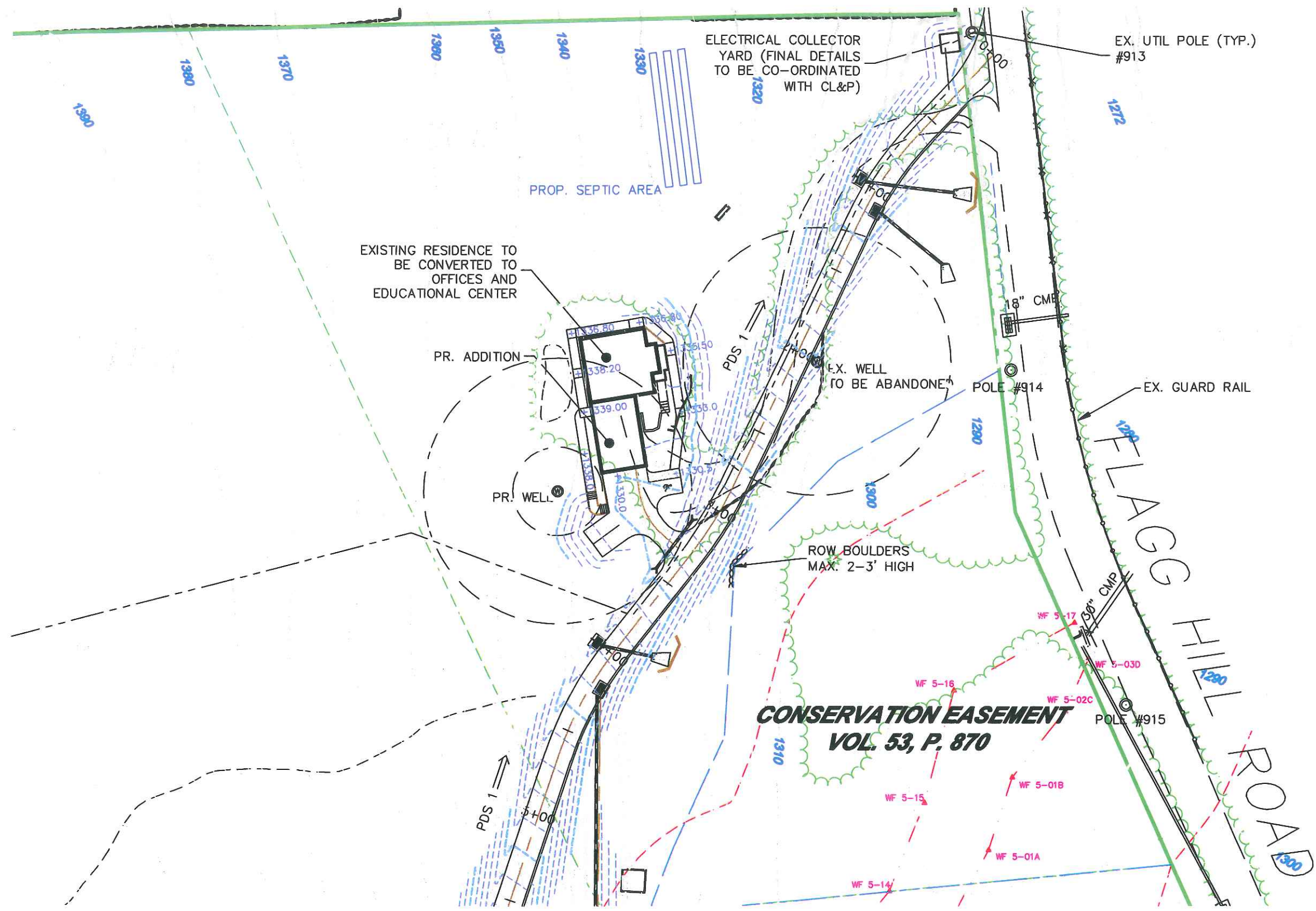
PROPERTY LINE  
 EXISTING CONTOUR  
 PROPOSED CONTOUR  
 PROPOSED STORM DRAINAGE  
 EDGE OF WATER  
 WETLANDS/WATERCOURSE BOUNDARY  
 100' WETLANDS REVIEW AREA  
 EXISTING ROADWAY  
 PROPOSED ACCESS DRIVE



PERM. RIPRAP DIVERSION/CONVEYANCE SWALE  
 SOIL TYPE BOUNDARY  
 COMPACTED EARTH  
 DRY WATER QUALITY SWALE  
 VERNAL POOL AREA  
 100' VERNAL POOL SETBACK  
 750' VERNAL POOL SETBACK

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





ELECTRICAL COLLECTOR YARD (FINAL DETAILS TO BE CO-ORDINATED WITH CL&P)

EX. UTIL POLE (TYP.) #913

PROP. SEPTIC AREA

EXISTING RESIDENCE TO BE CONVERTED TO OFFICES AND EDUCATIONAL CENTER

PR. ADDITION

PR. WELL

EX. WELL TO BE ABANDONED

POLE #914

EX. GUARD RAIL

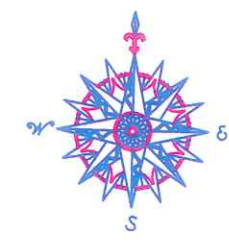
EX. UTIL POLE (TYP.) #915

FLAGG HILL ROAD

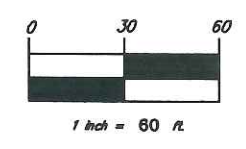
ROW BOULDERS MAX. 2-3' HIGH

CONSERVATION EASEMENT VOL. 53, P. 870

- LEGEND**
- |  |                               |  |                                         |
|--|-------------------------------|--|-----------------------------------------|
|  | PROPERTY LINE                 |  | PROPOSED ACCESS DRIVE                   |
|  | EXISTING CONTOUR              |  | PERM. RIPRAP DIVERSION/CONVEYANCE SWALE |
|  | PROPOSED CONTOUR              |  | SOIL TYPE BOUNDARY                      |
|  | PROPOSED STORM DRAINAGE       |  | COMPACTED EARTH                         |
|  | EDGE OF WATER                 |  | DRY WATER QUALITY SWALE                 |
|  | WETLANDS/WATERCOURSE BOUNDARY |  |                                         |
|  | 100' WETLANDS REVIEW AREA     |  |                                         |
|  | EXISTING ROADWAY              |  |                                         |



NO.	REVISION	DATE



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

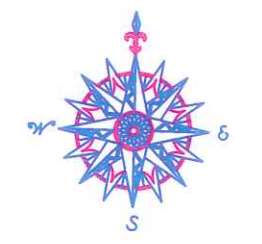
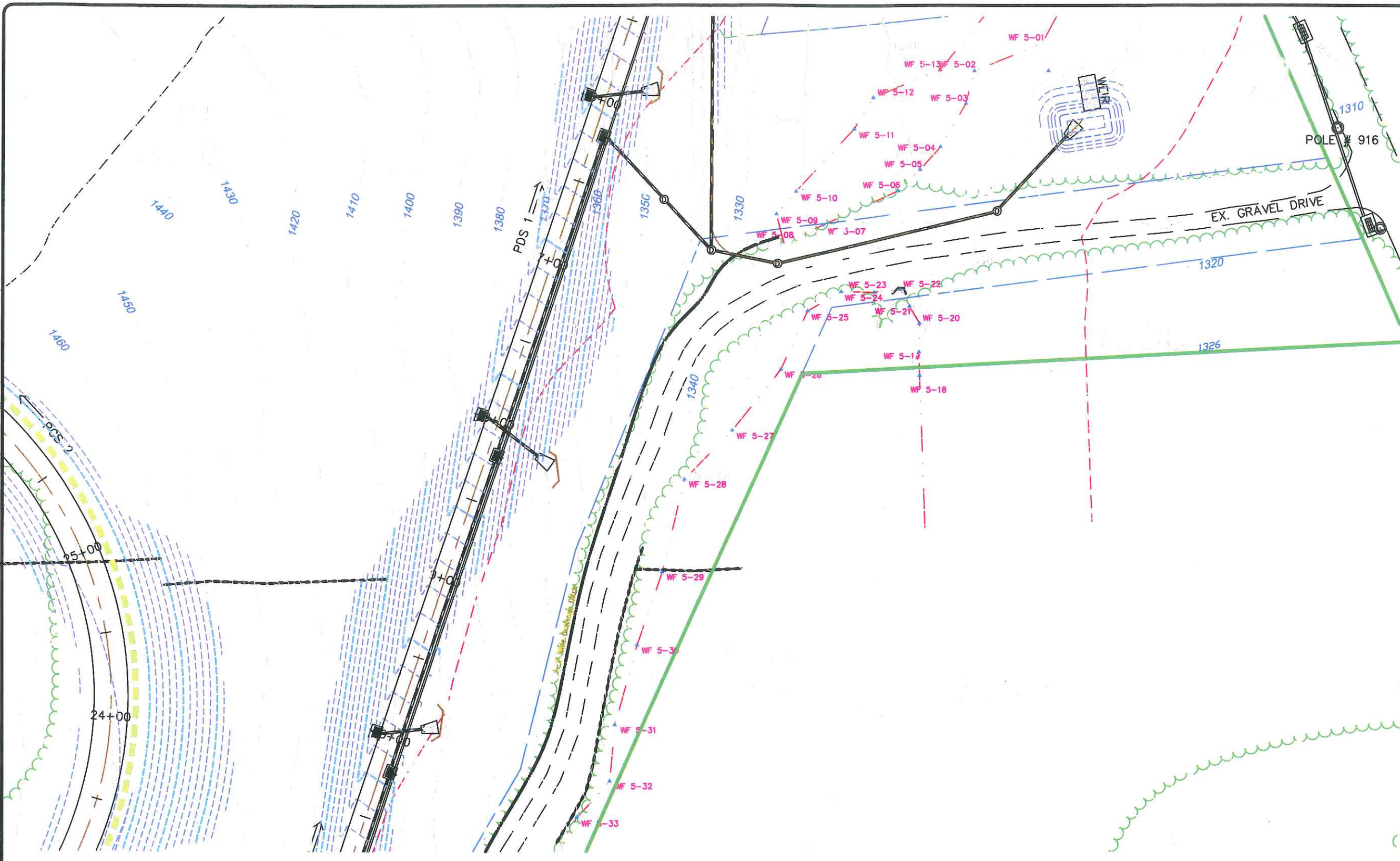
**GRADING PLAN**  
 ACCESS DRIVE STA.  
 0+00 TO 5+50

**WIND COLEBROOK SOUTH**  
 FLAGG HILL ROAD

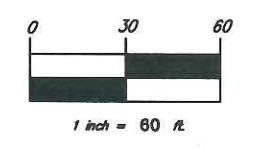


CONCORDIUM PROFESSIONAL PART, SUITE 0-404  
 40 WINDHAM HILL ROAD  
 WINDHAM, VT 05793

DATE	APPROVED BY
SCALE	3" = 60'
DATE	20 APR 21
PROJECT NO.	3000
CAD FILE NAME	3000
PRINT FILE	3000
<b>C301</b>	



NO.	REVISION	DATE



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

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

**WIND COLEBROOK SOUTH**  
 FLAGG HILL ROAD  
 COLEBROOK CONNECTICUT



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

**LEGEND**

- |  |                               |  |                                         |
|--|-------------------------------|--|-----------------------------------------|
|  | PROPERTY LINE                 |  | PROPOSED ACCESS DRIVE                   |
|  | EXISTING CONTOUR              |  | PERM. RIPRAP DIVERSION/CONVEYANCE SWALE |
|  | PROPOSED CONTOUR              |  | SOIL TYPE BOUNDARY                      |
|  | PROPOSED STORM DRAINAGE       |  | COMPACTED EARTH                         |
|  | EDGE OF WATER                 |  | DRY WATER QUALITY SWALE                 |
|  | WETLANDS/WATERCOURSE BOUNDARY |  |                                         |
|  | 100' WETLANDS REVIEW AREA     |  |                                         |
|  | EXISTING ROADWAY              |  |                                         |

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

**C302**