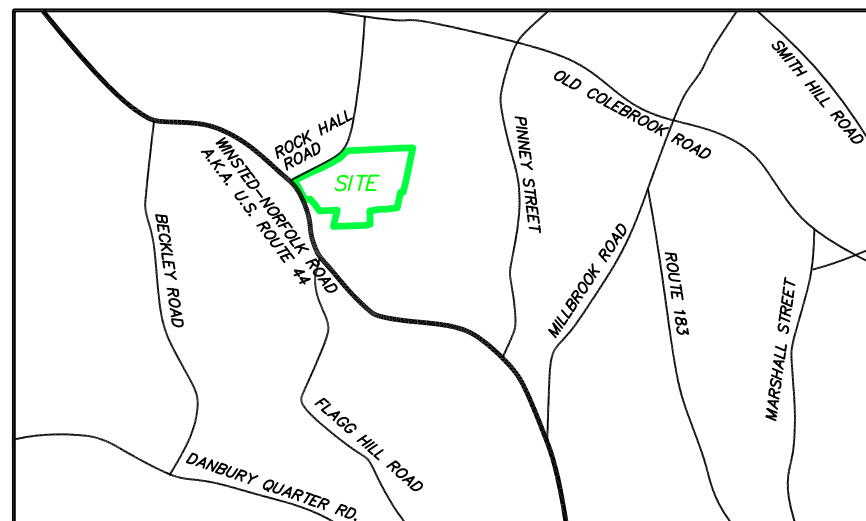


# WIND COLEBROOK NORTH

## ROCK HALL ROAD COLEBROOK, CONNECTICUT



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



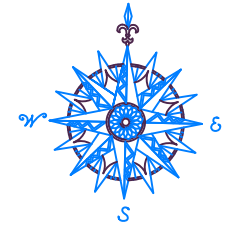
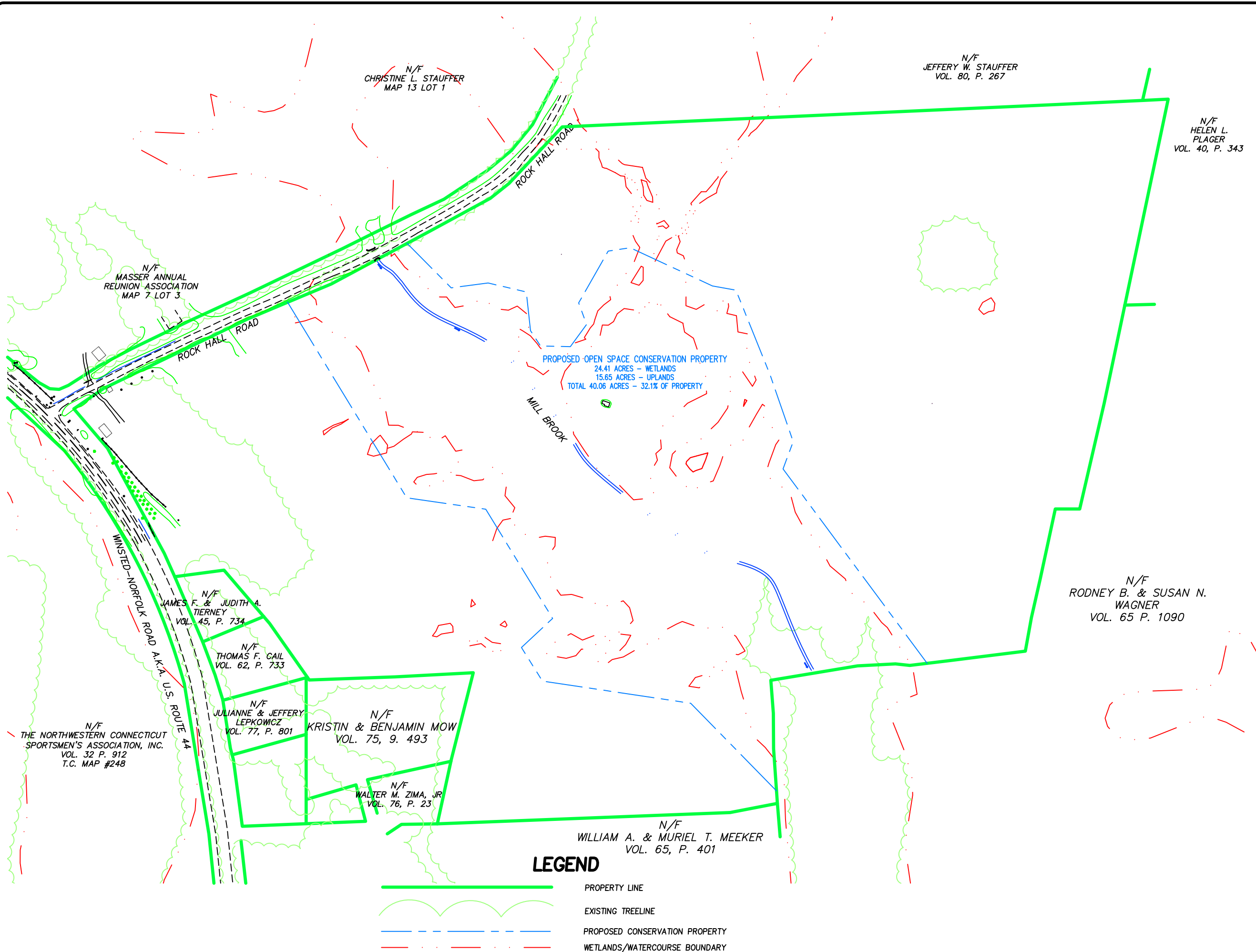
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT

SEPTEMBER 23, 2011

### SHEET NUMBER

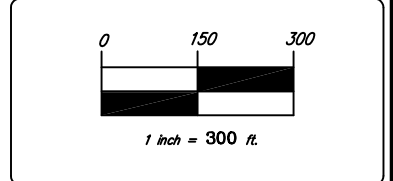
### DESCRIPTION

SHEET NUMBER	DESCRIPTION
C-001	PROPERTY SURVEY
C-002	SITE PLAN WITH AERIAL IMAGERY
C-003	CLEARING LIMITS PLAN
C-100	OVERALL SITE PLAN
C-101	TURBINE ONE AND CRANE ASSEMBLY AREA SITE PLAN
C-102	MAIN ACCESS DRIVE STA. 8+00 TO 17+00 SITE PLAN
C-103	TURBINE THREE ASSEMBLY AREA SITE PLAN
C-104	TURBINE TWO ASSEMBLY AREA SITE PLAN
C-200	EROSION CONTROL PLAN
C-201	EROSION CONTROL PLAN TURBINE ONE
C-202	EROSION CONTROL PLAN STA 8+0 TO 17+0
C-203	EROSION CONTROL PLAN TURBINE THREE
C-204	EROSION CONTROL PLAN TURBINE TWO
C-300	OVERALL GRADING PLAN
C-301	GRADING PLAN TURBINE ONE
C-302	GRADING PLAN MAIN ACCESS DRIVE STA. 8+00 TO 17+00
C-303	GRADING PLAN TURBINE THREE
C-304	GRADING PLAN TURBINE TWO
C-401	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 0+00 TO 8+00
C-402	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 8+00 TO 14+00
C-403	MAIN ACCESS DRIVE PLAN AND PROFILE STA. 14+00 TO 20+65
C-404	TURBINE TWO ACCESS DRIVE PLAN AND PROFILE STA. 0+00 TO 4+15
C-405	STORM DRAINAGE PROFILES
C-406	STORM DRAINAGE PROFILES
C-500	OVERALL POST CONSTRUCTION GRADING PLAN
C-501	POST CONSTRUCTION GRADING PLAN TURBINE ONE
C-502	POST CONSTRUCTION GRADING PLAN MAIN ACCESS DRIVE STA. 8+00 TO 17+00
C-503	POST CONSTRUCTION GRADING PLAN TURBINE THREE
C-504	POST CONSTRUCTION GRADING PLAN TURBINE TWO
C-601	EROSION CONTROL NARRATIVE AND CONSTRUCTION SEQUENCE
C-602	RESTORATION AND MONITORING NARRATIVE
C-603	DETAILS
C-604	DETAILS
C-605	DETAILS
E-101	ELECTRICAL - SITE PLAN
E-201	ELECTRICAL - RISER DIAGRAM
E-202	ELECTRICAL - ON-LINE DIAGRAM



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**PROPERTY SURVEY**

**WIND COLEBROOK NORTH**  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT

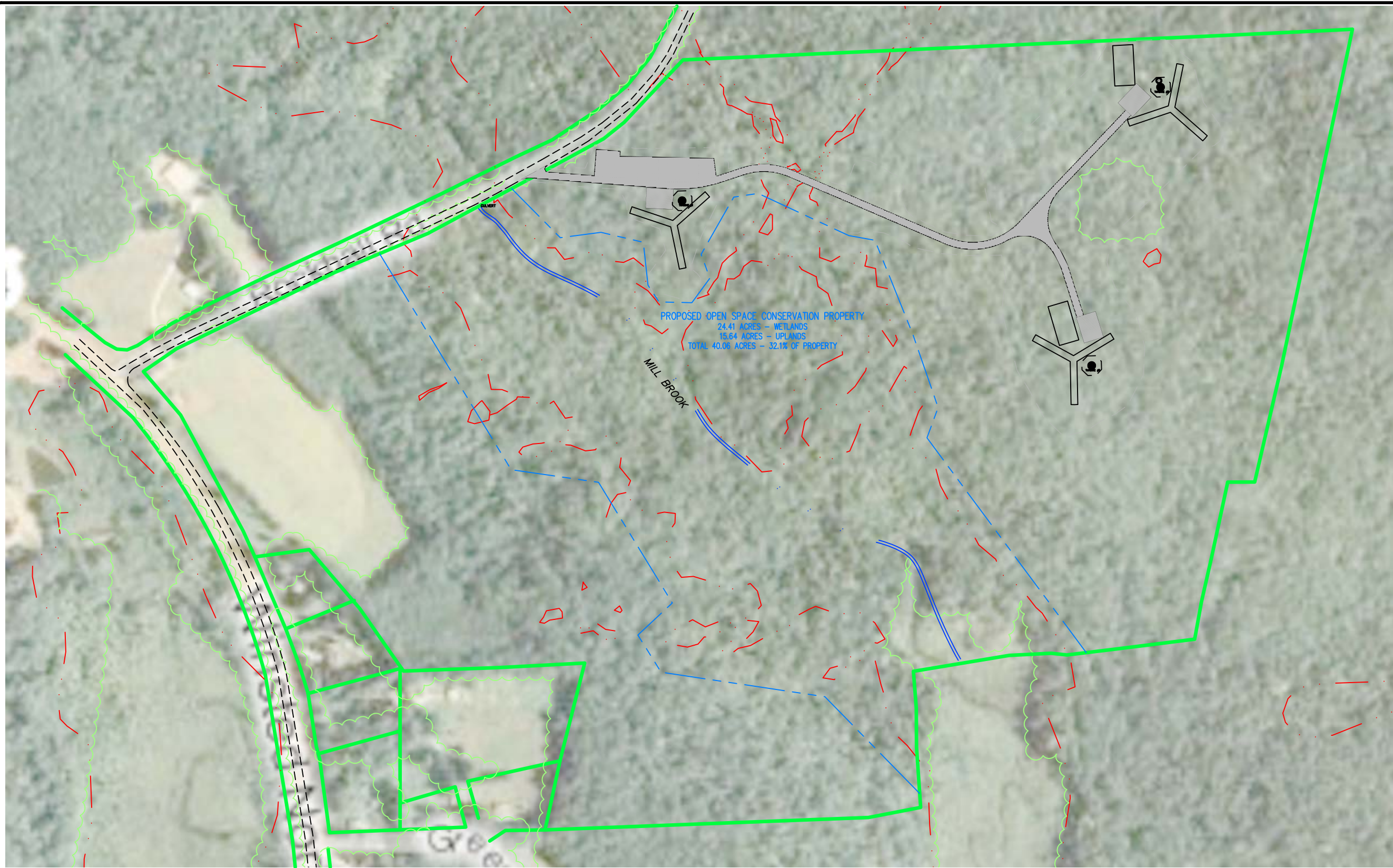
**CIVIL C1**

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

<small>DRAWN BY</small>	<small>BB</small>	<small>APPROVED BY</small>	<small>CJ</small>
<small>SCALE:</small>	1" = 300'		
<small>DATE:</small>	23 SEP 11		
<small>PROJ. NO.:</small>	3093		
<small>GRID FILE NAME:</small>	3093		
<small>DRAWING NO.:</small>	C-001		

**LEGEND**

- PROPERTY LINE
- EXISTING TREELINE
- PROPOSED CONSERVATION PROPERTY
- WETLANDS/WATERCOURSE BOUNDARY

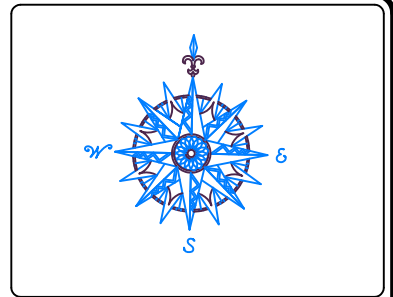


PROPOSED OPEN SPACE CONSERVATION PROPERTY  
 24.41 ACRES - WETLANDS  
 15.64 ACRES - UPLANDS  
 TOTAL 40.05 ACRES - 32.1% OF PROPERTY

MILL BROOK

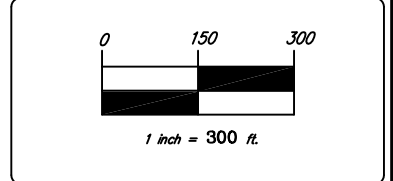
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

SITE PLAN WITH  
 AERIAL IMAGERY

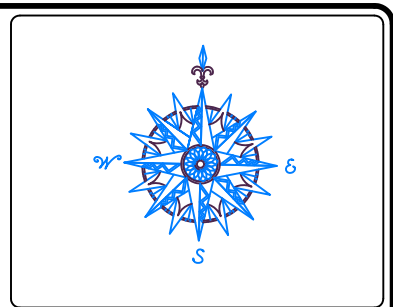
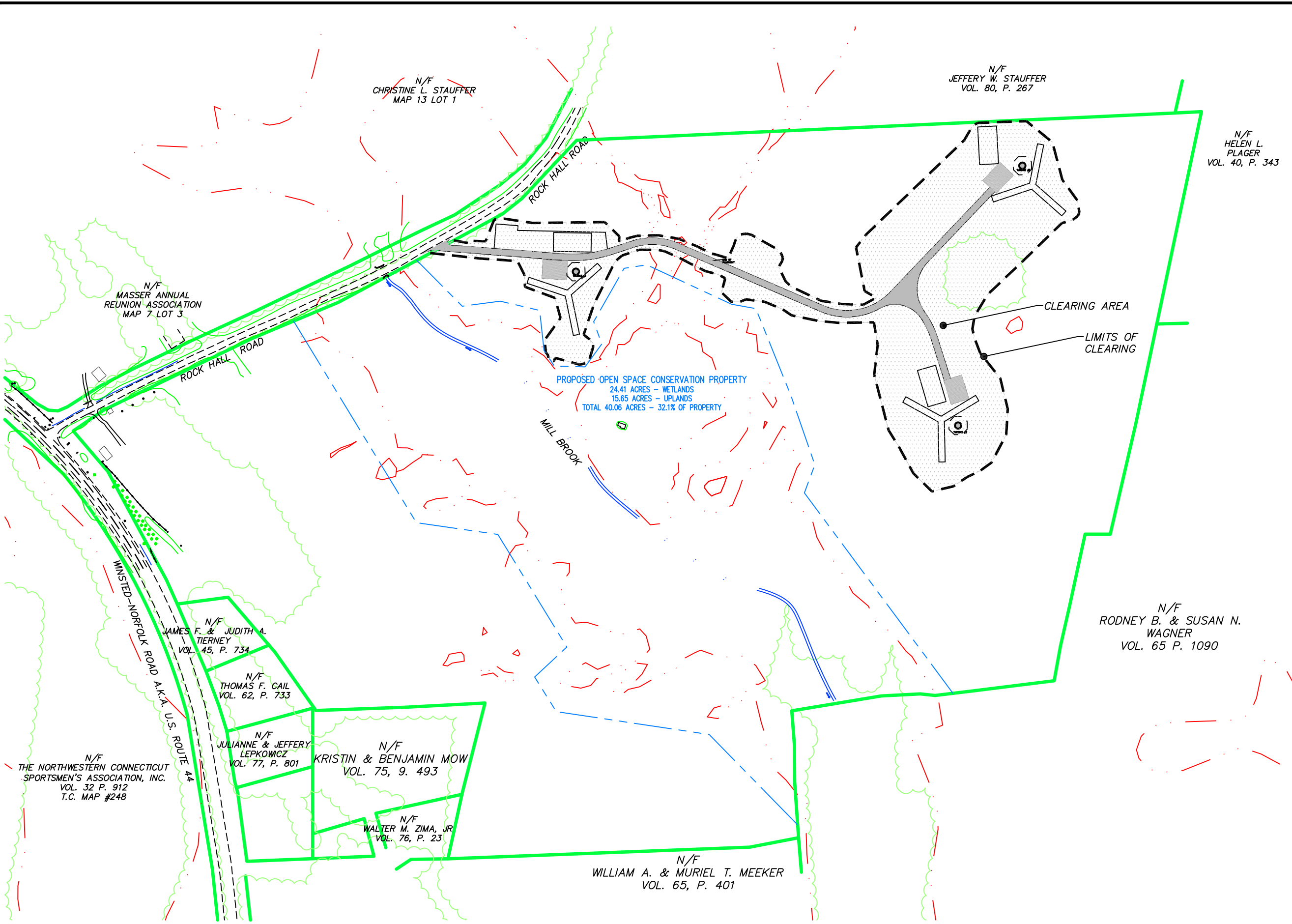
WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT

CIVIL

C1

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

DRAWN BY: BB	APPROVED BY: CJ
SCALE: 1" = 300'	
DATE: 18 MAR 11	
PROJ. NO.: 3093	
GRID FILE NAME: 3093	
DRAWING NO.: C-002	



NO.	REVISION	DATE



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

RODNEY B. & SUSAN N.  
 WAGNER  
 VOL. 65 P. 1090

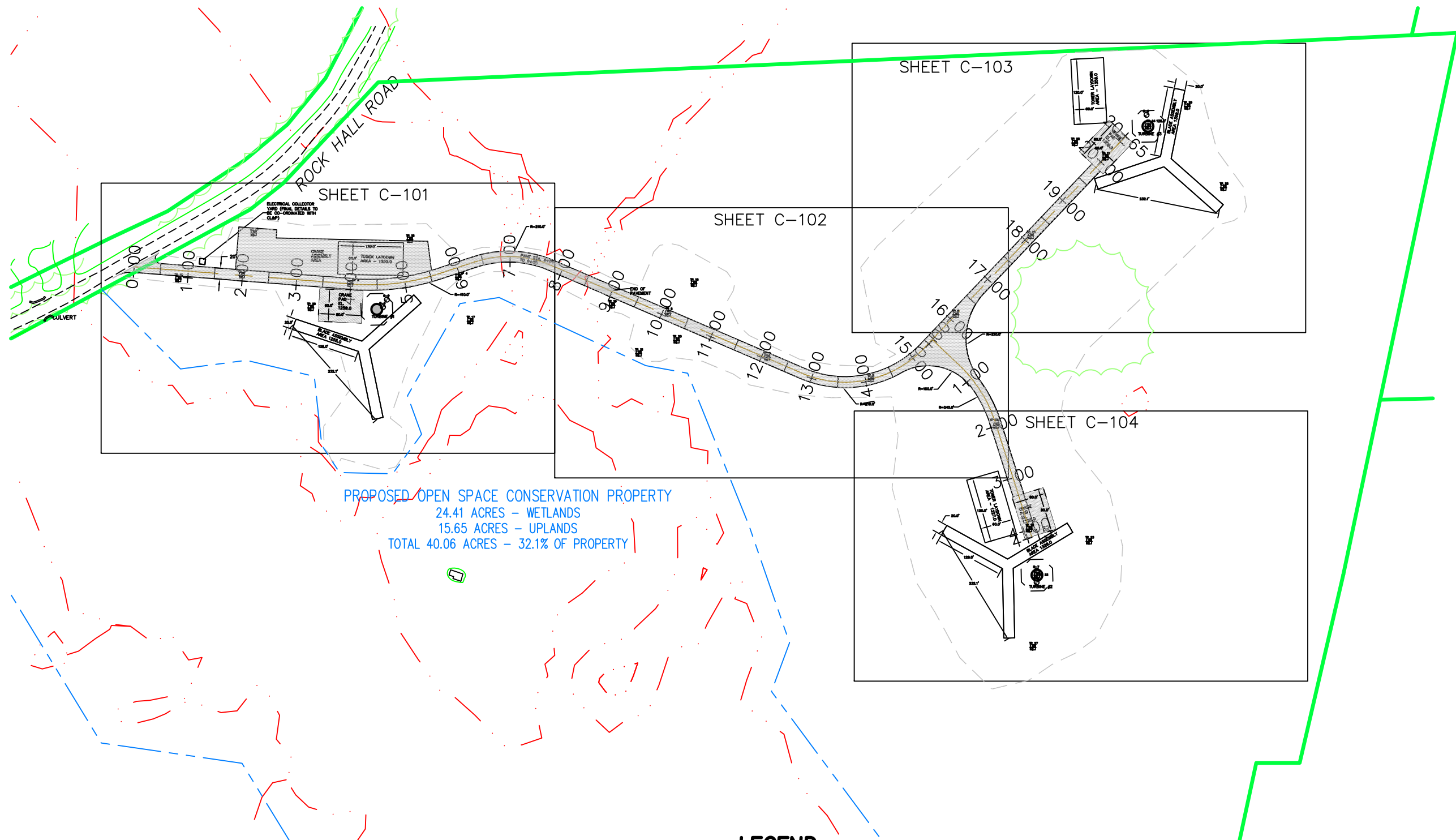
**CLEARING LIMITS PLAN**

**WIND COLEBROOK NORTH**  
 ROCK HALL ROAD  
COLEBROOK CONNECTICUT

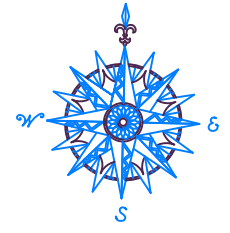


SCALE:	1" = 300'
DATE:	23 SEP 11
PROJ. NO.:	3093
DRAWING NO.:	C-003

NOTE:  
 1) TOTAL AREA OF PROPERTY - ±125.0 ACRES  
 2) TOTAL AREA TO BE CLEARED - ±14.63 ACRES (11.70% OF PROPERTY)

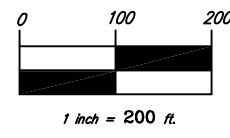


PROPOSED OPEN SPACE CONSERVATION PROPERTY  
 24.41 ACRES - WETLANDS  
 15.65 ACRES - UPLANDS  
 TOTAL 40.06 ACRES - 32.1% OF PROPERTY



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

OVERALL  
 SITE PLAN







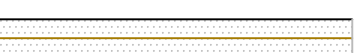


WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

**CIVIL C1**

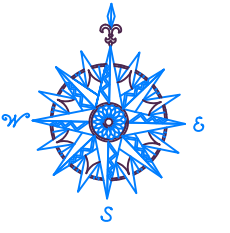
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

**LEGEND**

-  PROPERTY LINE
-  EXISTING TREELINE
-  LIMITS OF CLEARING
-  PROPOSED CONSERVATION PROPERTY
-  WETLANDS/WATERCOURSE BOUNDARY
-  EXISTING ROADWAY
-  PROPOSED GRAVEL ACCESS DRIVE
-  BORING LOCATION
-  TEST PIT LOCATION

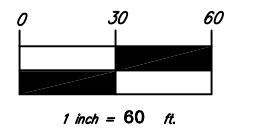
DRAWN BY: BB APPROVED BY: CJ  
 SCALE: 1" = 200'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-100**



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**TURBINE ONE AND CRANE ASSEMBLY AREA SITE PLAN**

**WIND COLEBROOK NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



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

DRAWN BY: BB APPROVED BY: CJ  
 SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-101**

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

ROCK HALL ROAD

CRANE ASSEMBLY AREA  
 TOWER LAYDOWN AREA - 1253.0

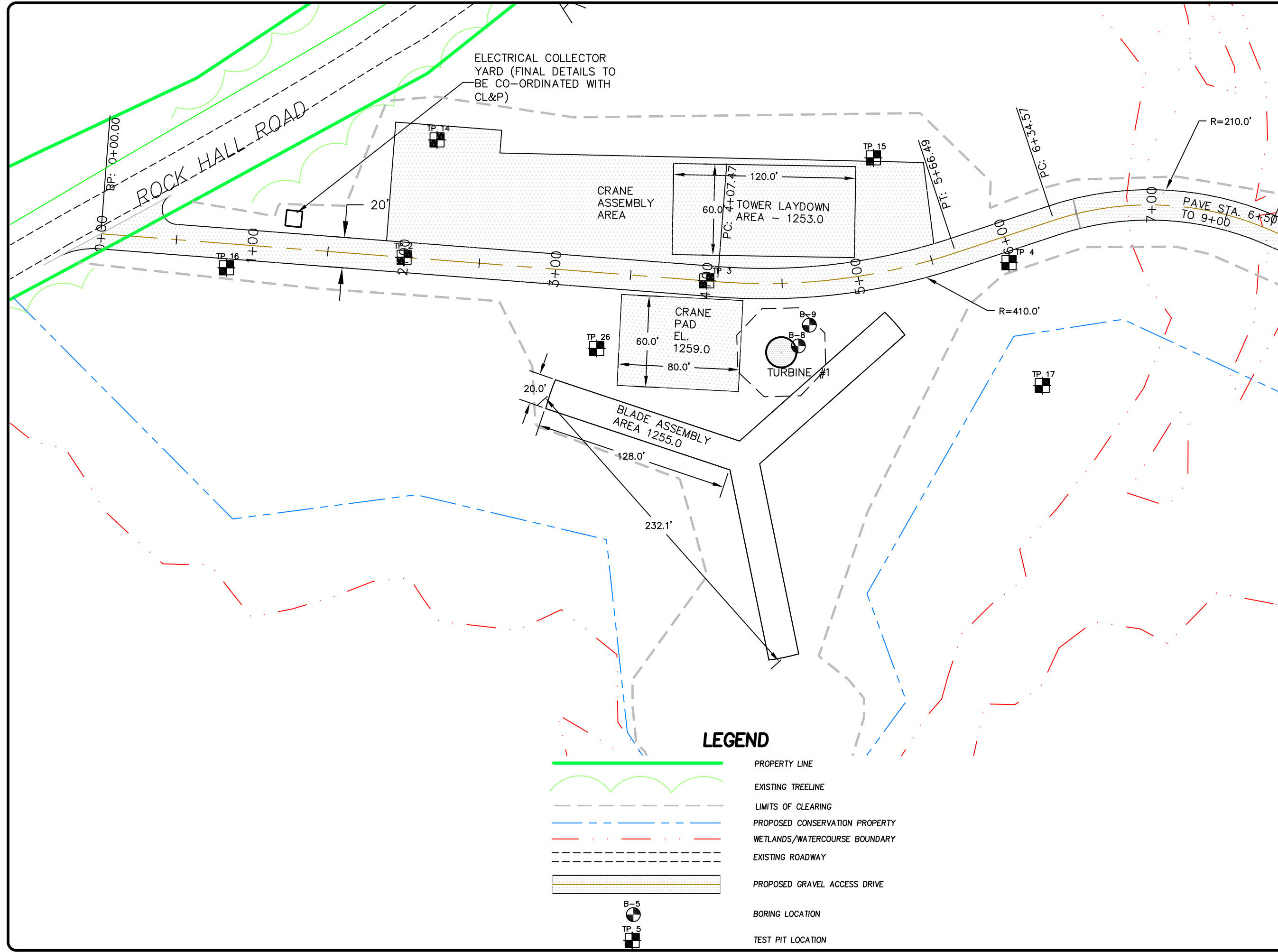
CRANE PAD  
 EL. 1259.0

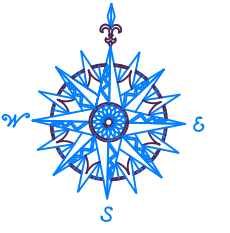
TURBINE #1

BLADE ASSEMBLY AREA 1255.0

**LEGEND**

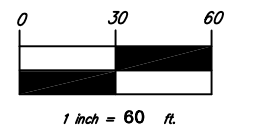
- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- PROPOSED CONSERVATION PROPERTY
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- BORING LOCATION
- TEST PIT LOCATION





NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**MAIN ACCESS DRIVE**  
 STA. 8+00 TO 17+00  
 SITE PLAN

**WIND COLEBROOK NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

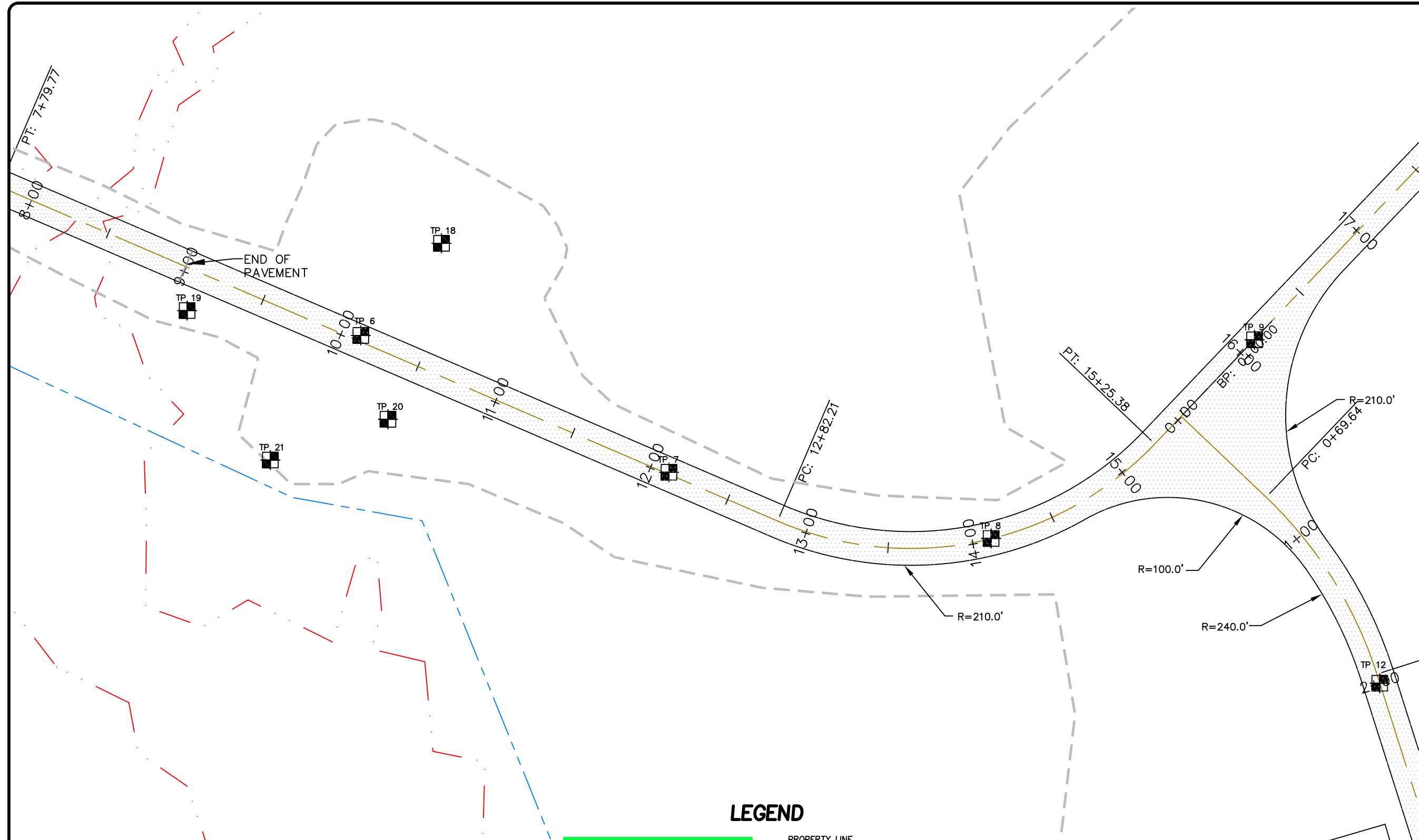
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY (203) 266-0778 CONNECTICUT

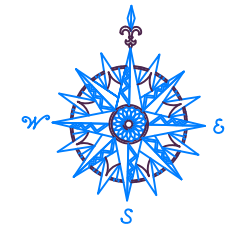
DESIGNER: BB APPROVED: CJ  
 SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJECT NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-102**

**LEGEND**

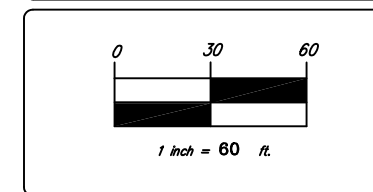
- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- PROPOSED CONSERVATION PROPERTY
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- BORING LOCATION
- TEST PIT LOCATION





NO.	REVISION	DATE

Previous Editions Obsolete



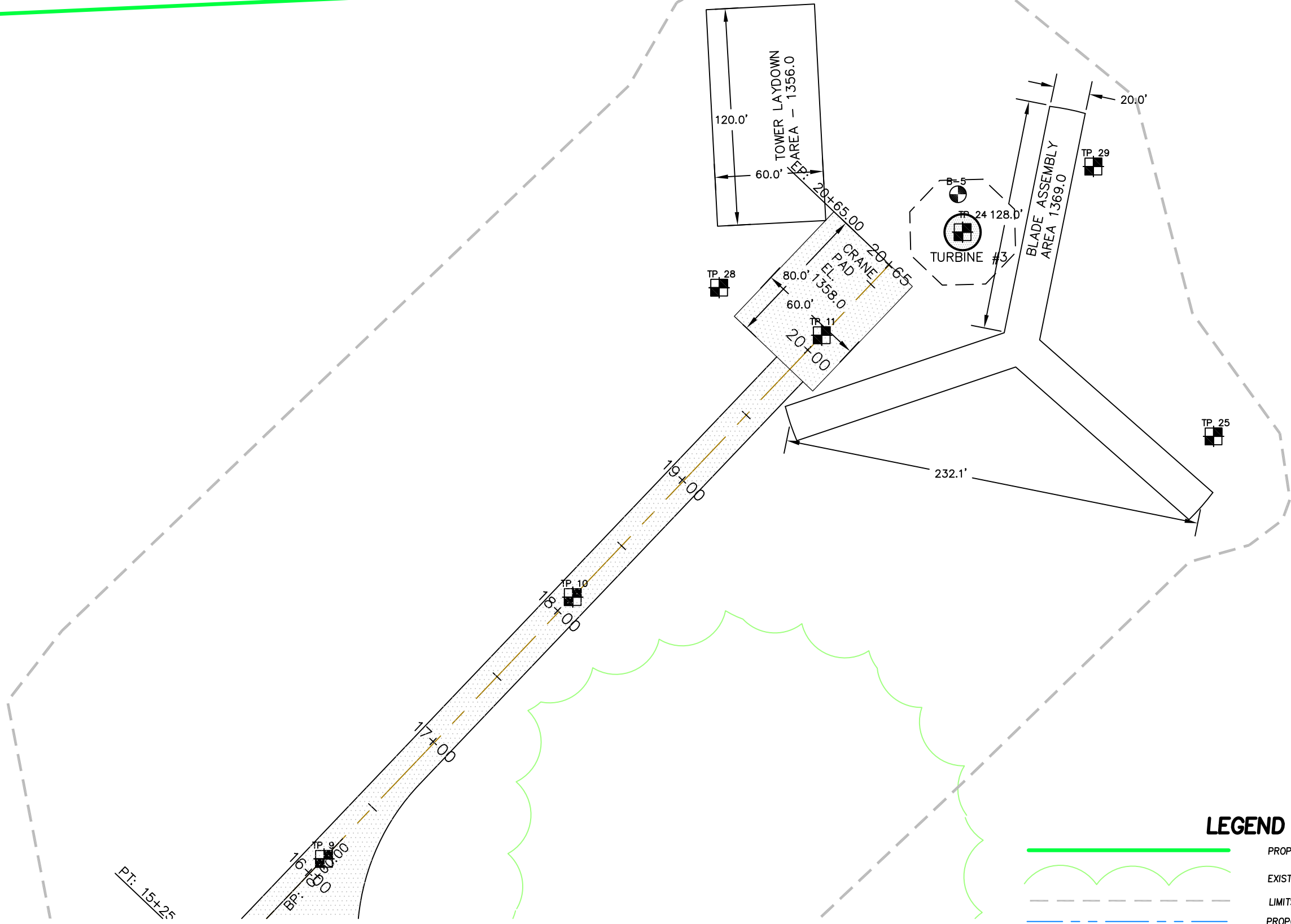
BNE ENERGY, INC.  
 29 SOUTH MAIN STREET  
 TOWN CENTER SUITE 200  
 WEST HARTFORD, CT 06107

TURBINE THREE  
 ASSEMBLY AREA  
 SITE PLAN

WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT

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

DATE: 23 SEP 11  
 PROJECT: 3093  
 DRAWING NO.: C-103

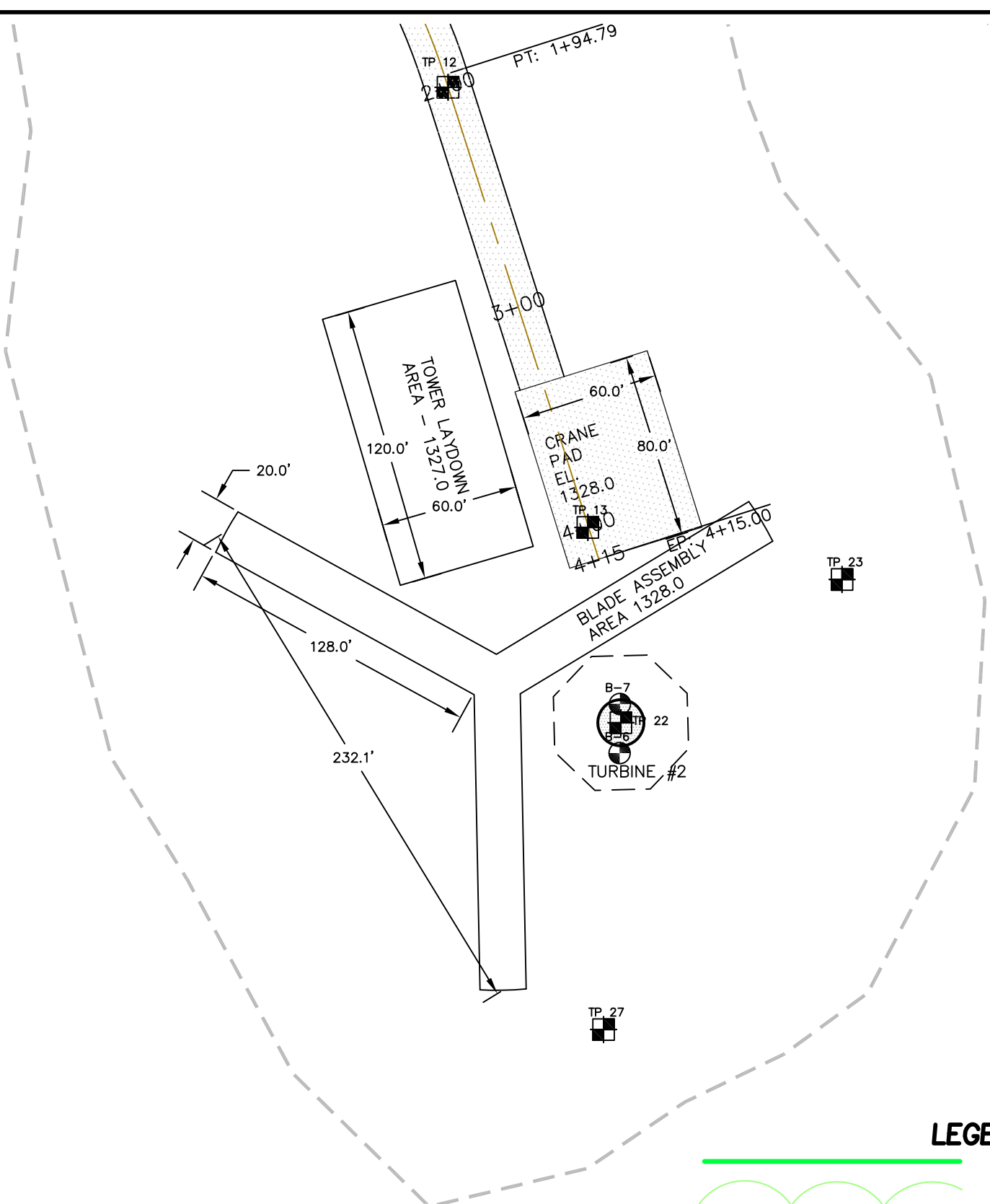


### LEGEND






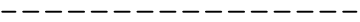
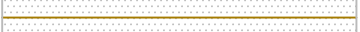


- PROPERTY LINE
- EXISTING TREELINE
- LIMITS OF CLEARING
- PROPOSED CONSERVATION PROPERTY
- WETLANDS/WATERCOURSE BOUNDARY
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- B-5 BORING LOCATION
- TP 5 TEST PIT LOCATION

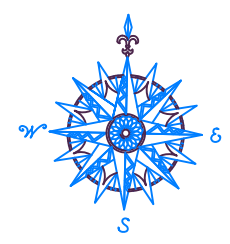
PT. 15+25  
 BP: 1800.0





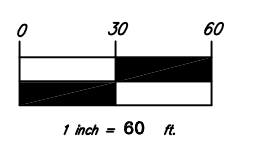
**LEGEND**

-  PROPERTY LINE
-  EXISTING TREELINE
-  LIMITS OF CLEARING
-  PROPOSED CONSERVATION PROPERTY
-  WETLANDS/WATERCOURSE BOUNDARY
-  EXISTING ROADWAY
-  PROPOSED GRAVEL ACCESS DRIVE
-  BORING LOCATION
-  TEST PIT LOCATION



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**TURBINE TWO  
 ASSEMBLY AREA  
 SITE PLAN**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

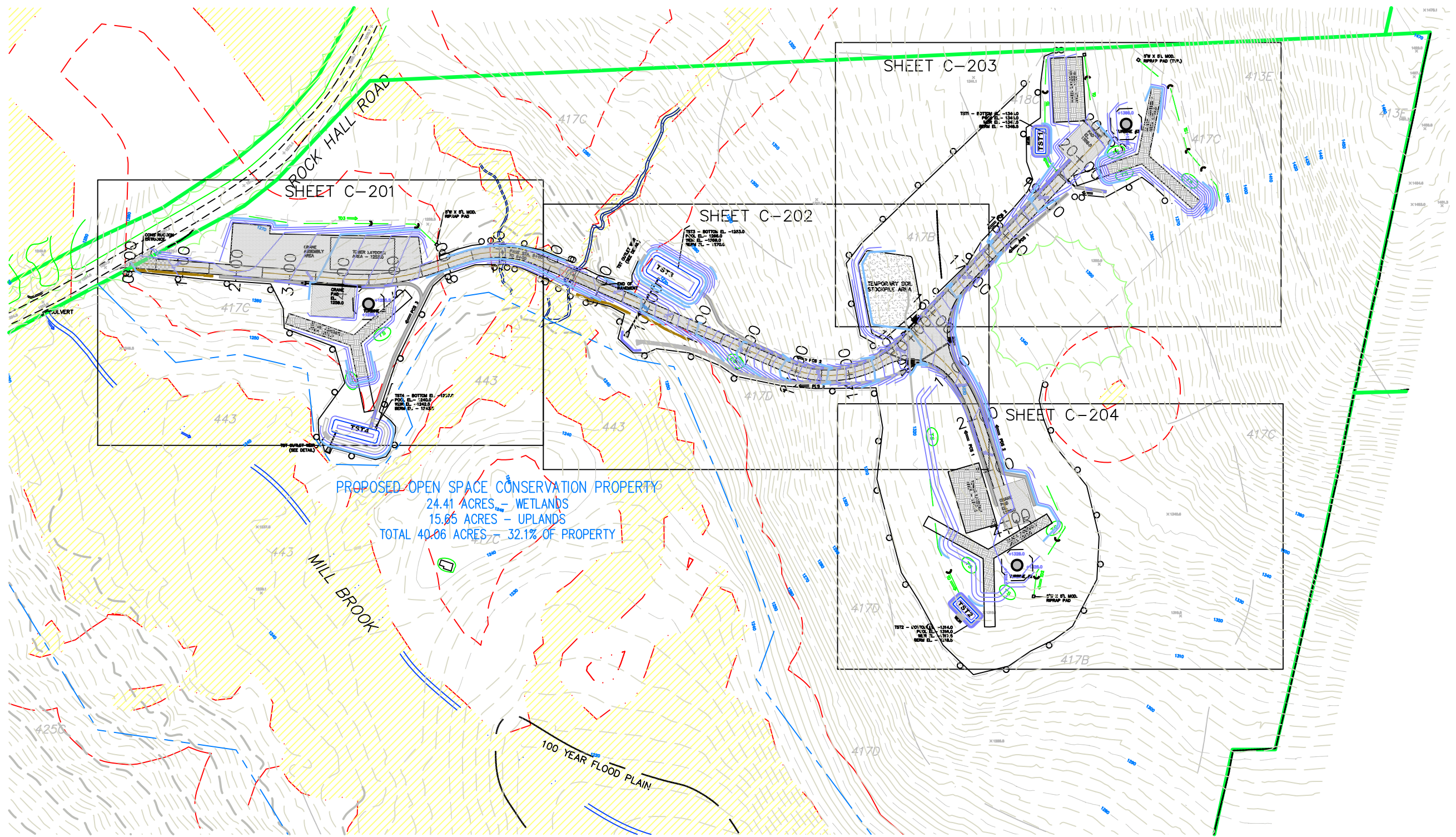
COLEBROOK CONNECTICUT



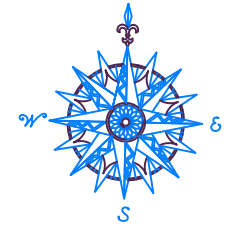
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

	DRAWN BY: BB	APPROVED BY: CJ
	SCALE: 1" = 60'	
	DATE: 23 SEP 11	
	PROJECT NO.: 3093	
	CADD FILE NAME: 3093	
	DRAWING NO.:	

**C-104**

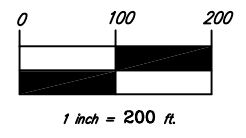


PROPOSED OPEN SPACE CONSERVATION PROPERTY  
 24.41 ACRES - WETLANDS  
 15.65 ACRES - UPLANDS  
 TOTAL 40.06 ACRES - 32.1% OF PROPERTY



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**OVERALL  
 EROSION CONTROL PLAN**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

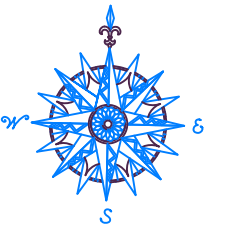
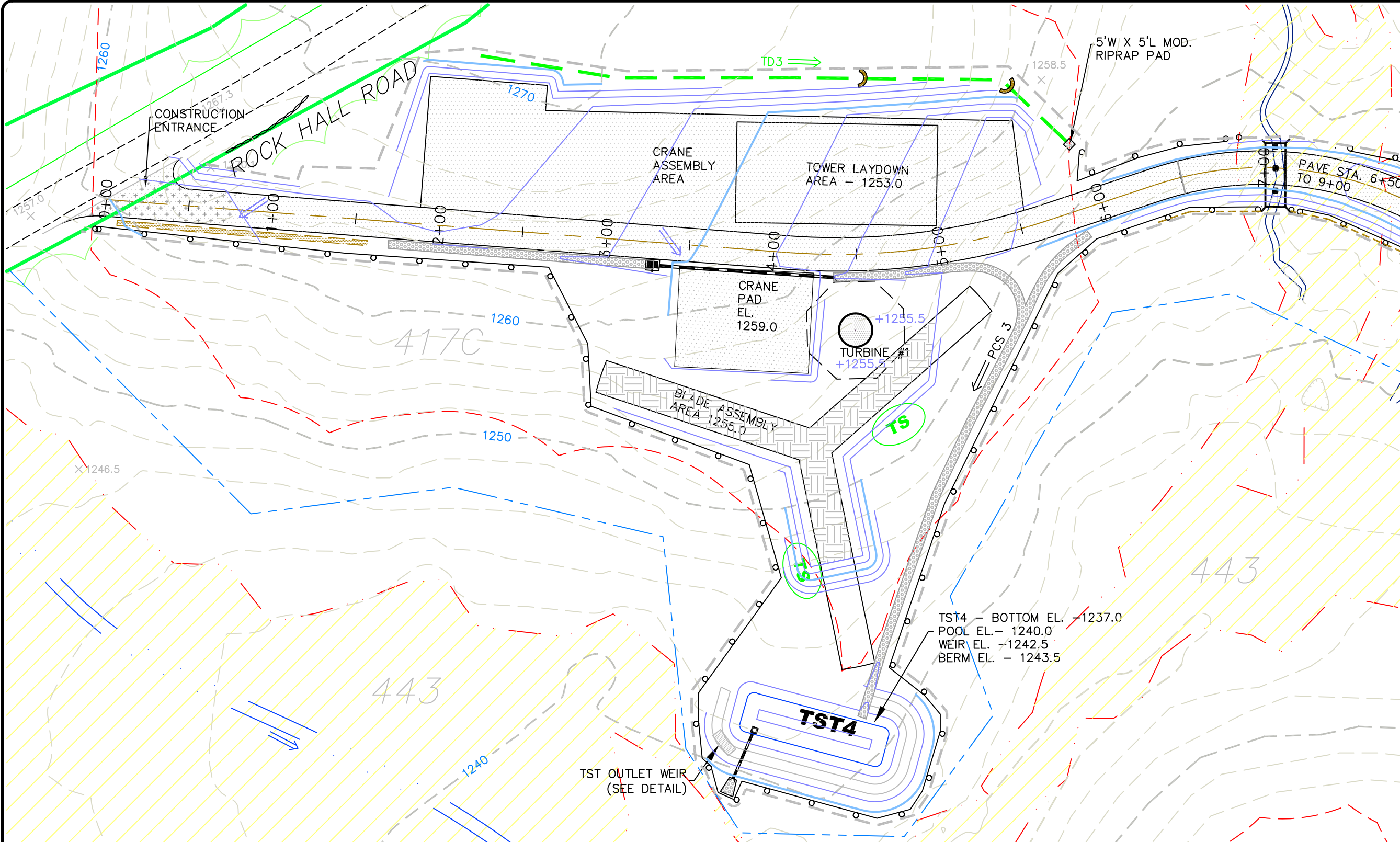


CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT  
 (203) 266-0778

SCALE: 1" = 200'	DATE: 23 SEP 11
PROJECT NO.: 3093	DRAWING NO.: 3093
<b>C-200</b>	

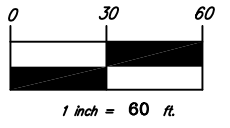
**LEGEND**

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



NO.	REVISION	DATE

Previous Editions Obsolete



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

**EROSION CONTROL PLAN  
TURBINE ONE**

**WIND COLEBROOK  
NORTH**  
ROCK HALL ROAD

COLEBROOK CONNECTICUT

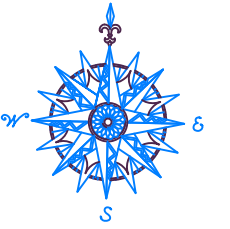


CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT (203) 266-0778

DRAWN BY: BB	APPROVED BY: CJ
SCALE: 1" = 60'	
DATE: 23 SEP 11	
PROJ. NO.: 3093	
GRID FILE NAME: 3093	
DRAWING NO.: C-201	

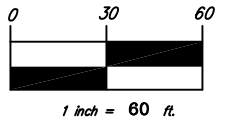
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

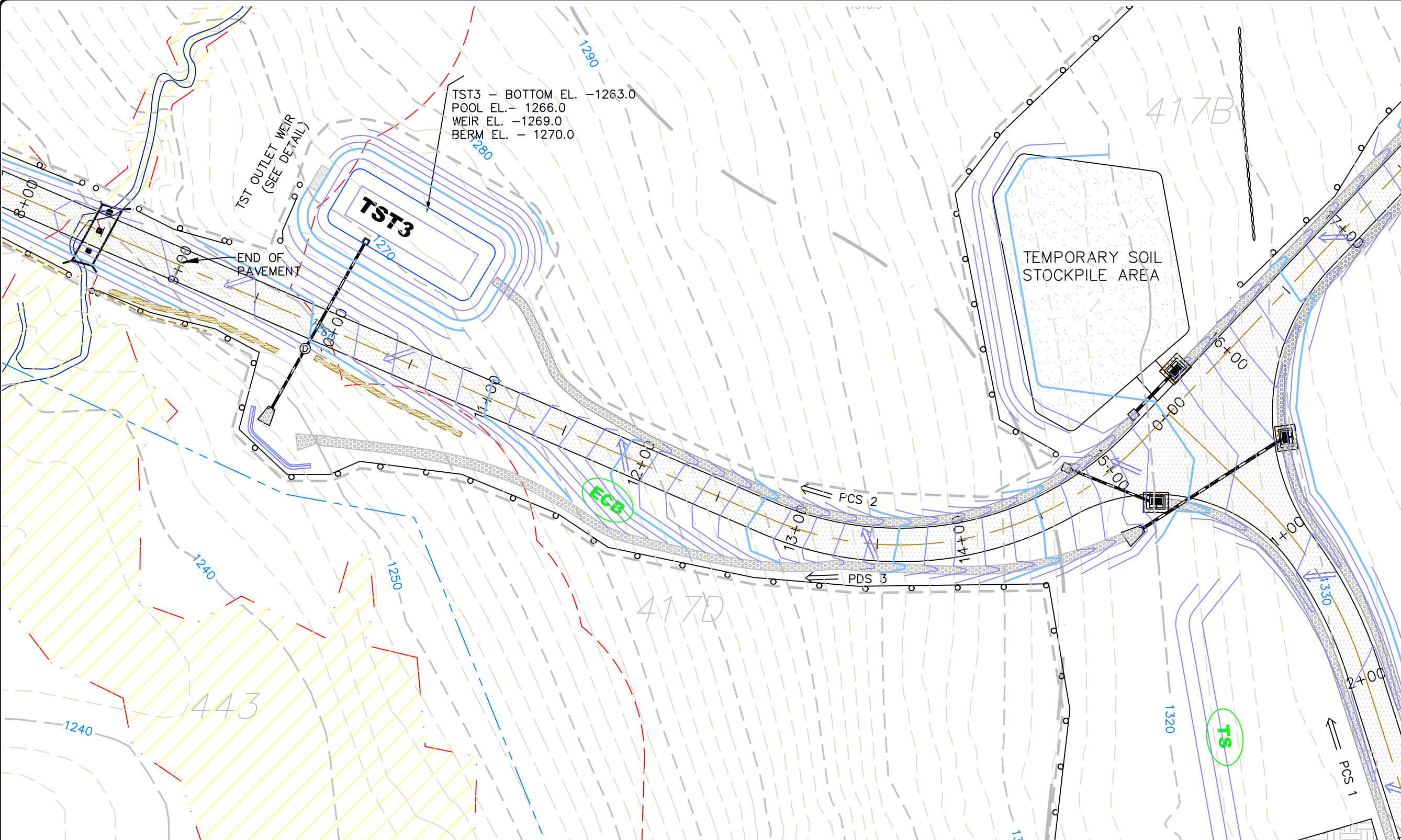
**EROSION CONTROL PLAN**  
 MAIN ACCESS DRIVE  
 STA. 8+00 TO 17+00

**WIND COLEBROOK**  
 NORTH  
 ROCK HALL ROAD

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

DRAWN BY: APPROVED BY:  
SCALE: 1" = 60'  
DATE: 23 SEP 11  
PROJ. NO.: 3093  
CADD FILE NAME: 3093  
DRAWING NO.:

**C-202**



TST3 - BOTTOM EL. -1263.0  
 POOL EL. - 1266.0  
 WEIR EL. -1269.0  
 BERM EL. - 1270.0

TST OUTLET WEIR  
 (SEE DETAIL)

END OF  
 PAVEMENT

TEMPORARY SOIL  
 STOCKPILE AREA

ECB

PCS 2

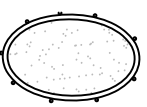
PDS 3

TS

**LEGEND**

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

- COMPACTED EARTH
- LIMITS OF CLEARING
- TEMP. WATER DIVERSION SWALE
- PCS
- PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
- SOIL TYPE BOUNDARY
- STAKED HAY BALES
- SILT FENCE/WOOD TURTLE EXCLUSIONARY FENCE
- BALED FILTER

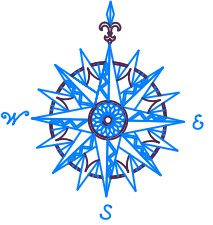


TST

TS

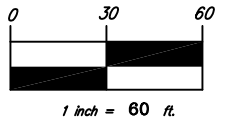
ECB

- TEMPORARY SOIL STOCKPILE
- TEMPORARY SEDIMENT TRAP
- TEMPORARY SEEDING
- EROSION CONTROL BLANKET
- STONE CHECK DAM
- STONE INFILTRATION TRENCH



NO.	REVISION	DATE

Previous Editions Obsolete



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

EROSION CONTROL PLAN  
 TURBINE THREE

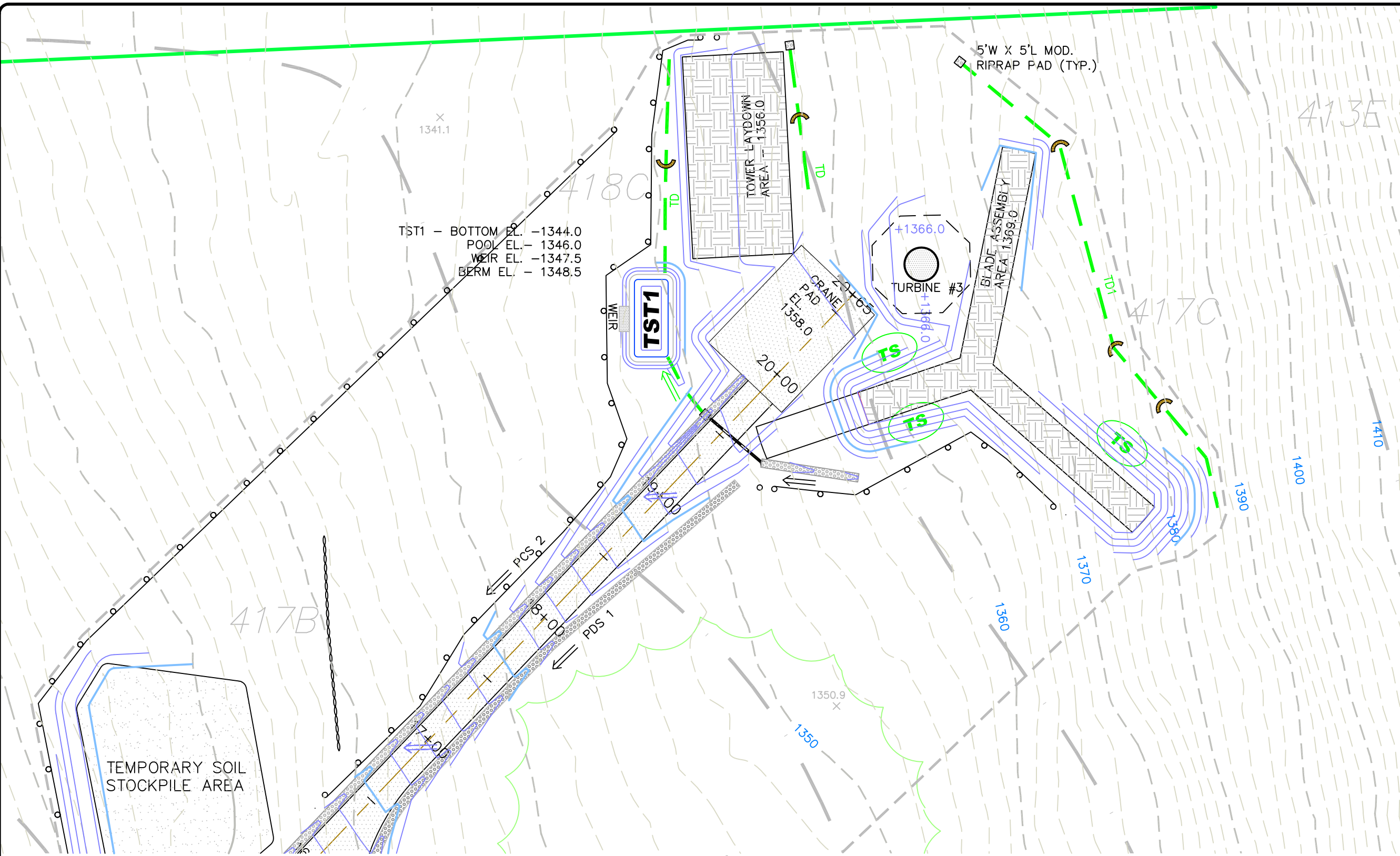
WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD

WOODBURY CONNECTICUT

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

WOODBURY CONNECTICUT

DATE:	23 SEP 11
PROJ. NO.:	3093
CADD FILE NAME:	3093
DRAWING NO.:	C-203

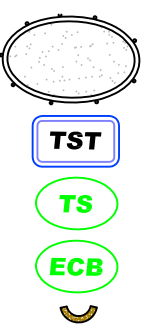
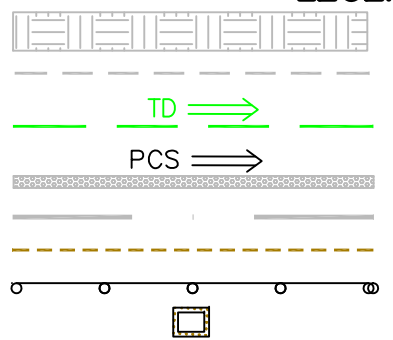


TST1 - BOTTOM EL. -1344.0  
 POOL EL. - 1346.0  
 WEIR EL. -1347.5  
 BERM EL. - 1348.5

**LEGEND**

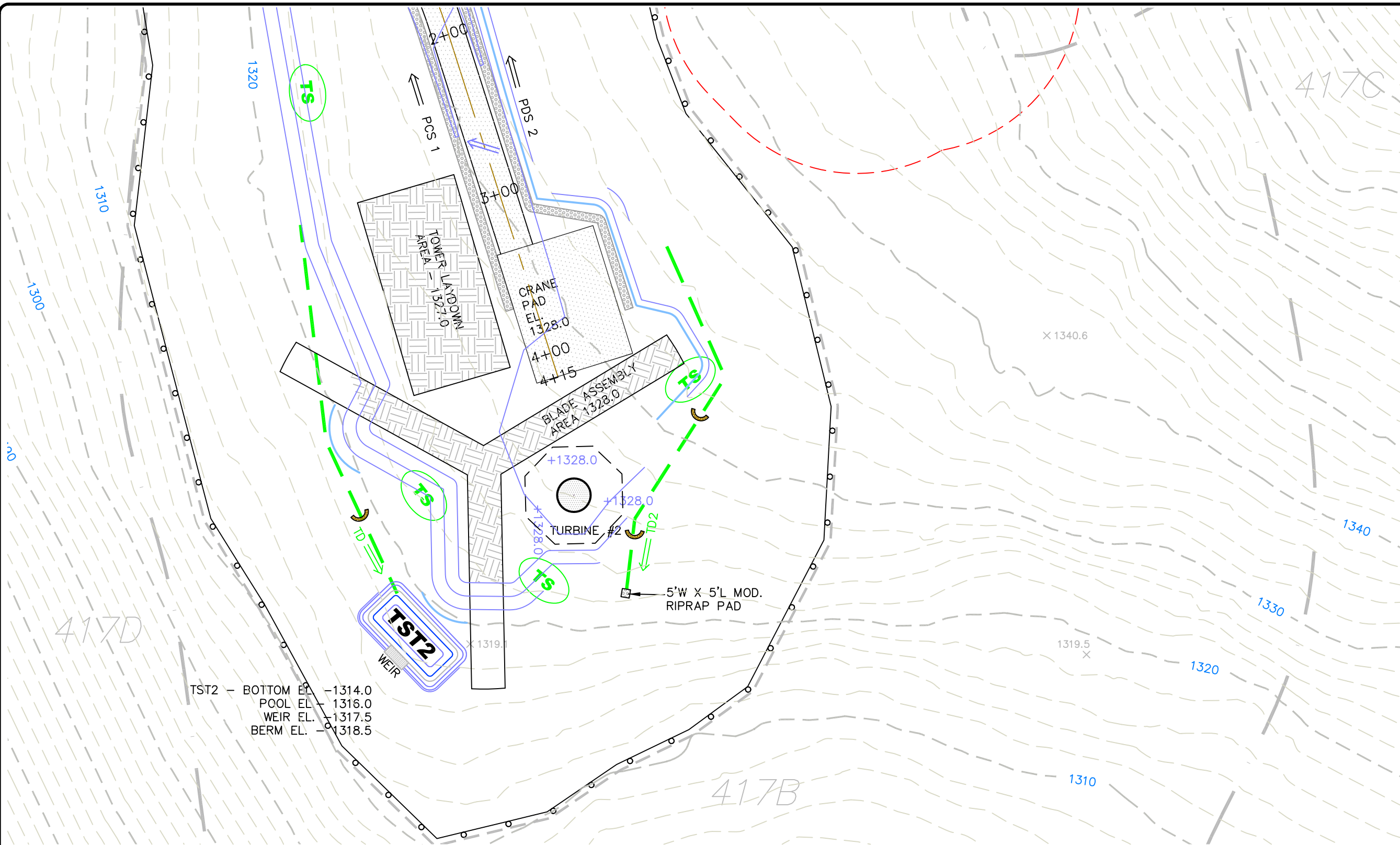
- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED STORM DRAINAGE
- EDGE OF WATER
- PROPOSED CONSERVATION PROPERTY
- WETLANDS/WATERCOURSE BOUNDARY
- 100' WETLANDS REVIEW AREA
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE

- COMPACTED EARTH
- LIMITS OF CLEARING
- TEMP. WATER DIVERSION SWALE
- PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
- SOIL TYPE BOUNDARY
- STAKED HAY BALES
- SILT FENCE/WOOD TURTLE EXCLUSIONARY FENCE
- BALED FILTER

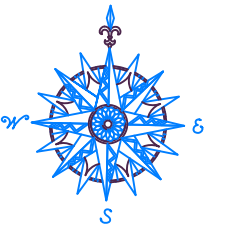


- TEMPORARY SOIL STOCKPILE
- TEMPORARY SEDIMENT TRAP
- TEMPORARY SEEDING
- EROSION CONTROL BLANKET
- STONE CHECK DAM

TEMPORARY SOIL STOCKPILE AREA

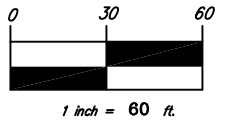


TST2 - BOTTOM EL. -1314.0  
 POOL EL. -1316.0  
 WEIR EL. -1317.5  
 BERM EL. -1318.5



NO.	REVISION	DATE

Previous Editions Obsolete



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

**EROSION CONTROL PLAN**  
**TURBINE TWO**

**WIND COLEBROOK**  
**NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



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

[Green dashed line]	PROPERTY LINE
[Black dashed line]	EXISTING CONTOUR
[Blue dashed line]	PROPOSED CONTOUR
[Blue dashed line]	PROPOSED STORM DRAINAGE
[Blue dashed line]	EDGE OF WATER
[Blue dashed line]	PROPOSED CONSERVATION PROPERTY
[Red dashed line]	WETLANDS/WATERCOURSE BOUNDARY
[Red dashed line]	100' WETLANDS REVIEW AREA
[Dashed line]	EXISTING ROADWAY
[Dotted line]	PROPOSED GRAVEL ACCESS DRIVE

**LEGEND**

[Stippled pattern]	COMPACTED EARTH
[Thin grey line]	LIMITS OF CLEARING
[Green dashed line]	TEMP. WATER DIVERSION SWALE
[Grey hatched pattern]	PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
[Thin black line]	SOIL TYPE BOUNDARY
[Dotted pattern]	STAKED HAY BALES
[Dashed line]	SILT FENCE/WOOD TURTLE EXCLUSIONARY FENCE
[Hatched pattern]	BALED FILTER

[Circular stippled symbol] TEMPORARY SOIL STOCKPILE

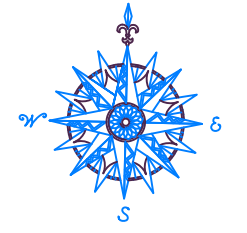
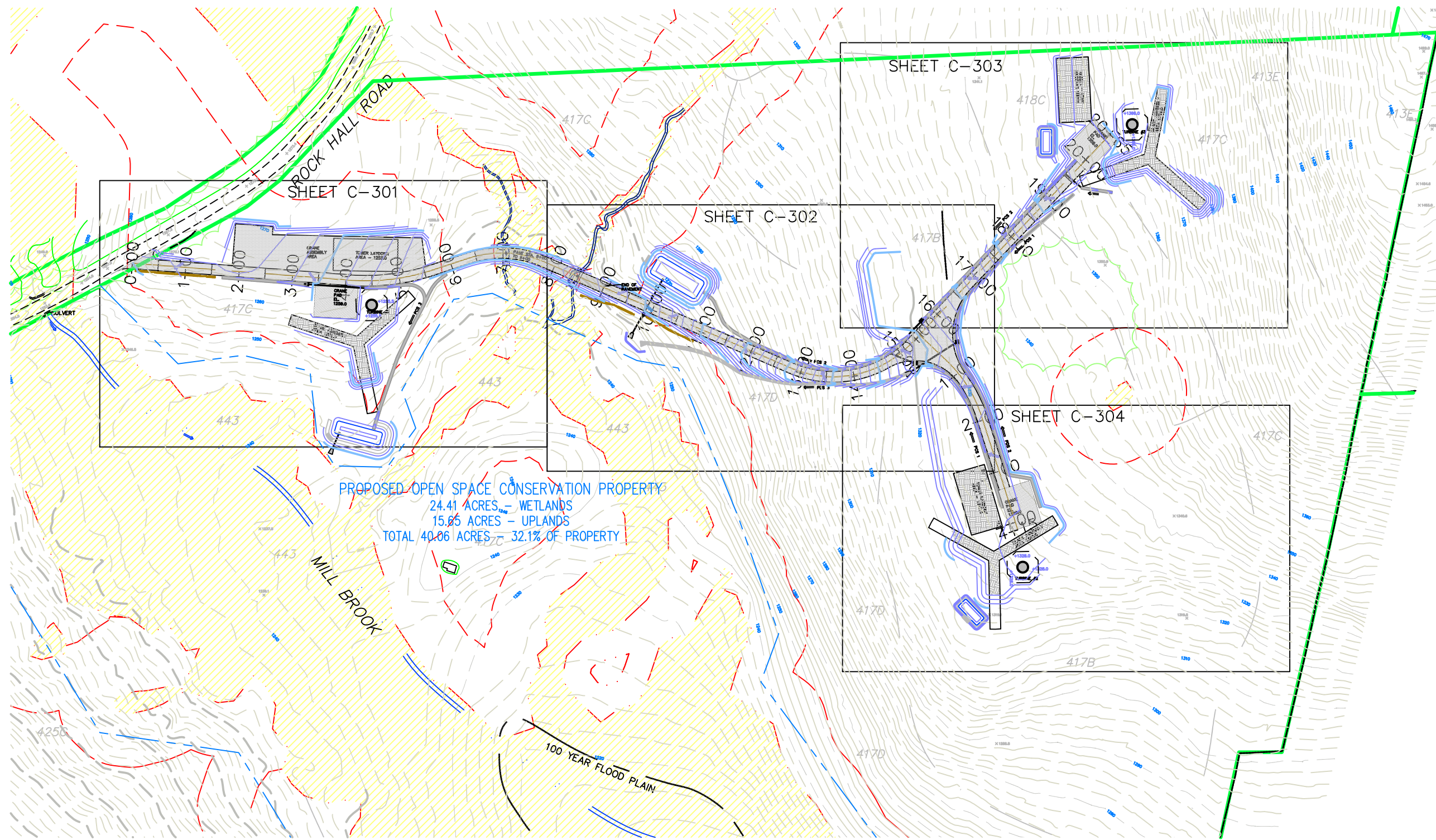
[Box labeled TST] TEMPORARY SEDIMENT TRAP

[Circle labeled TS] TEMPORARY SEEDING

[Circle labeled ECB] EROSION CONTROL BLANKET

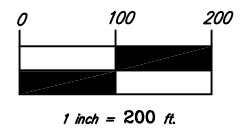
[Crescent symbol] STONE CHECK DAM

SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.: C-204



NO.	REVISION	DATE

Previous Editions Obsolete



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

**OVERALL  
GRADING PLAN**

**WIND COLEBROOK  
NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



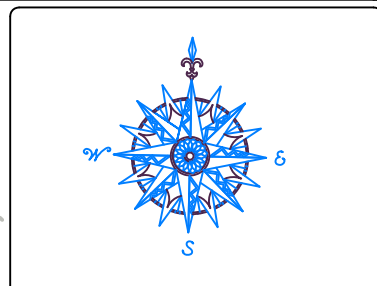
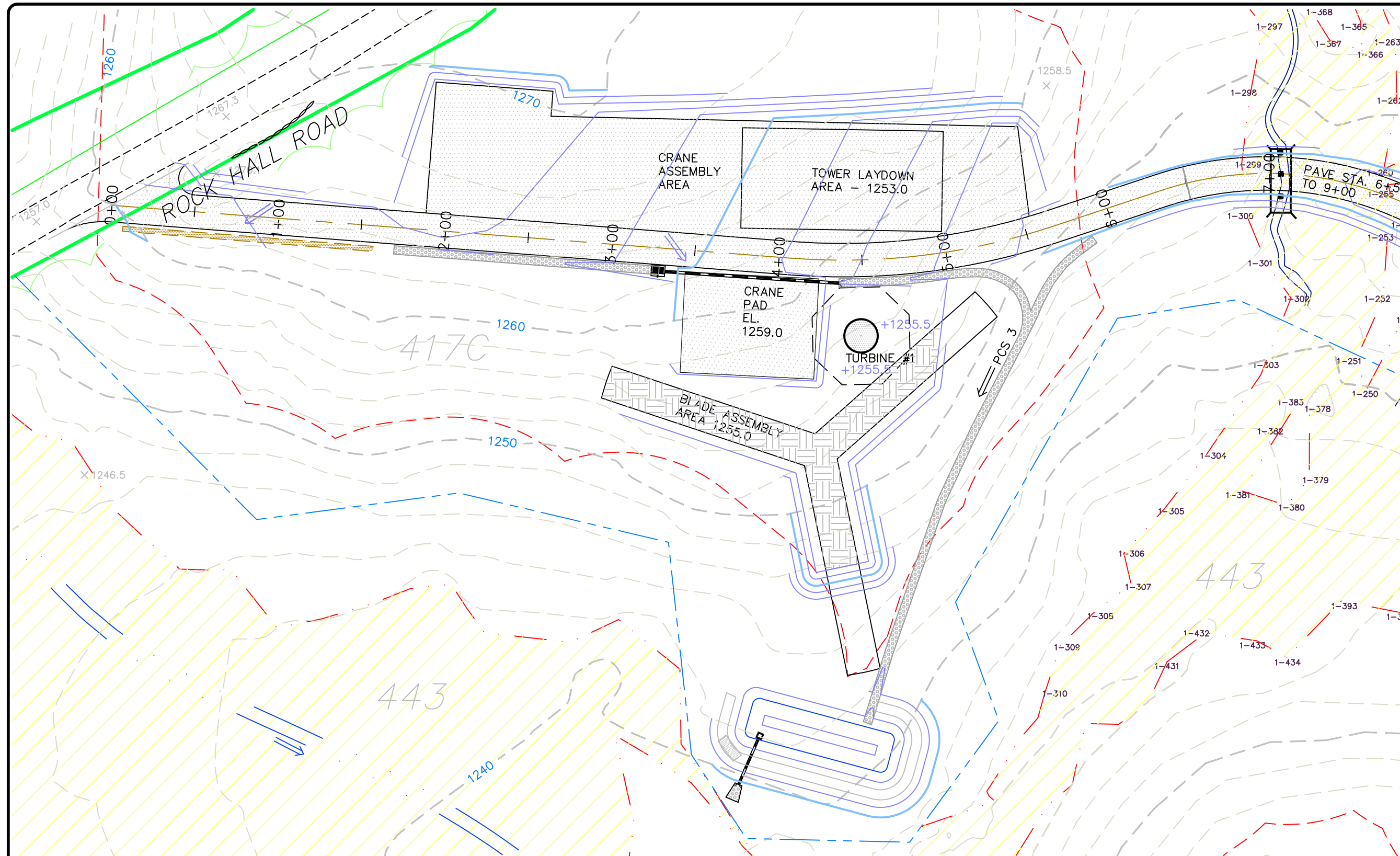
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT  
 (203) 266-0778

DRAWN BY: BB APPROVED BY: CJ  
 SCALE: 1" = 200'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-300**

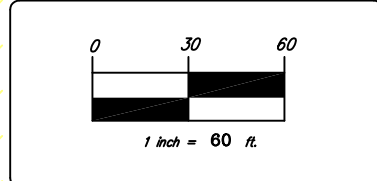
**LEGEND**

	PROPERTY LINE		EXISTING ROADWAY
	EXISTING CONTOUR		PROPOSED GRAVEL ACCESS DRIVE
	PROPOSED CONTOUR		PERM. RIPRAP DIVERSION/CONVEYANCE SWALE
	PROPOSED STORM DRAINAGE		SOIL TYPE BOUNDARY
	EDGE OF WATER		COMPACTED EARTH
	PROPOSED CONSERVATION PROPERTY		STONE INFILTRATION TRENCH
	WETLANDS/WATERCOURSE BOUNDARY		
	100' WETLANDS REVIEW AREA		
	EXISTING ROADWAY		



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**GRADING PLAN  
 TURBINE ONE**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT

**CIVIL1**

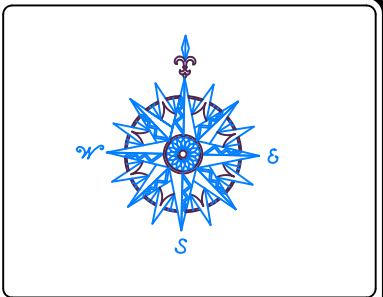
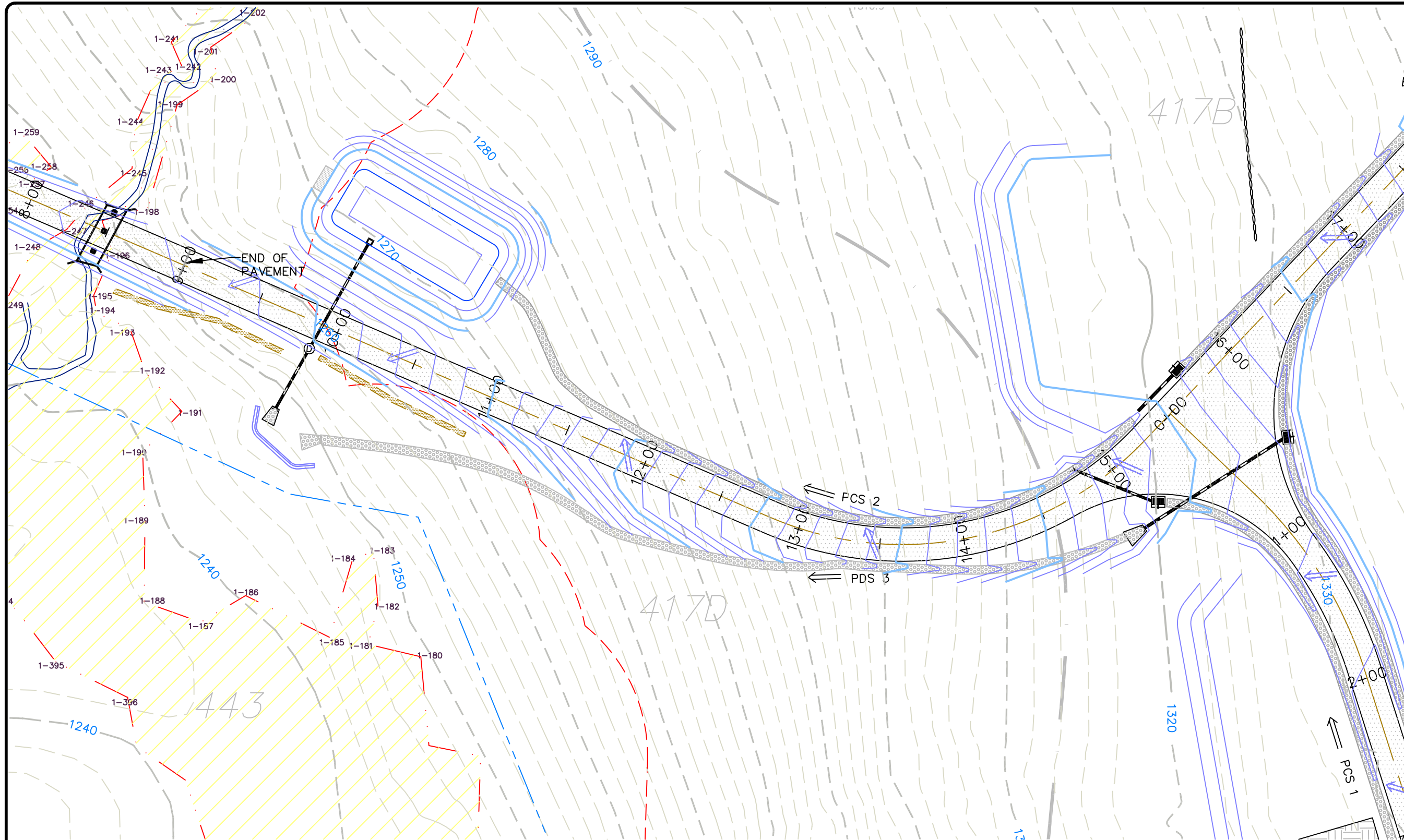
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.: **C-301**

**LEGEND**

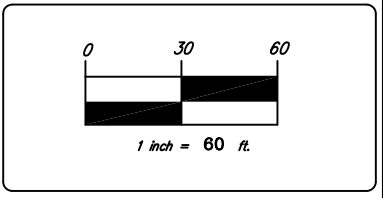
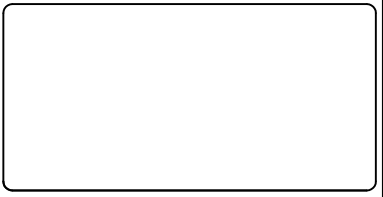
	PROPERTY LINE		EXISTING ROADWAY
	EXISTING CONTOUR		PROPOSED GRAVEL ACCESS DRIVE
	PROPOSED CONTOUR		PERM. RIPRAP DIVERSION/CONVEYANCE
	PROPOSED STORM DRAINAGE		SOIL TYPE BOUNDARY
	EDGE OF WATER		COMPACTED EARTH
	PROPOSED CONSERVATION PROPERTY		STONE INFILTRATION TRENCH
	WETLANDS/WATERCOURSE BOUNDARY		
	100' WETLANDS REVIEW AREA		
	EXISTING ROADWAY		





NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**GRADING PLAN**  
 MAIN ACCESS DRIVE  
 STA. 8+00 TO 17+00

**WIND COLEBROOK NORTH**  
 ROCK HALL ROAD



DRAWN BY	BB	APPROVED BY	CJ
SCALE	1" = 60'		
DATE	23 SEP 11		
PROJECT NO.	3093		
CADD FILE NAME	3093		
DRAWING NO.	<b>C-302</b>		

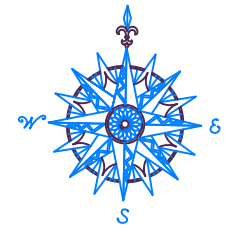
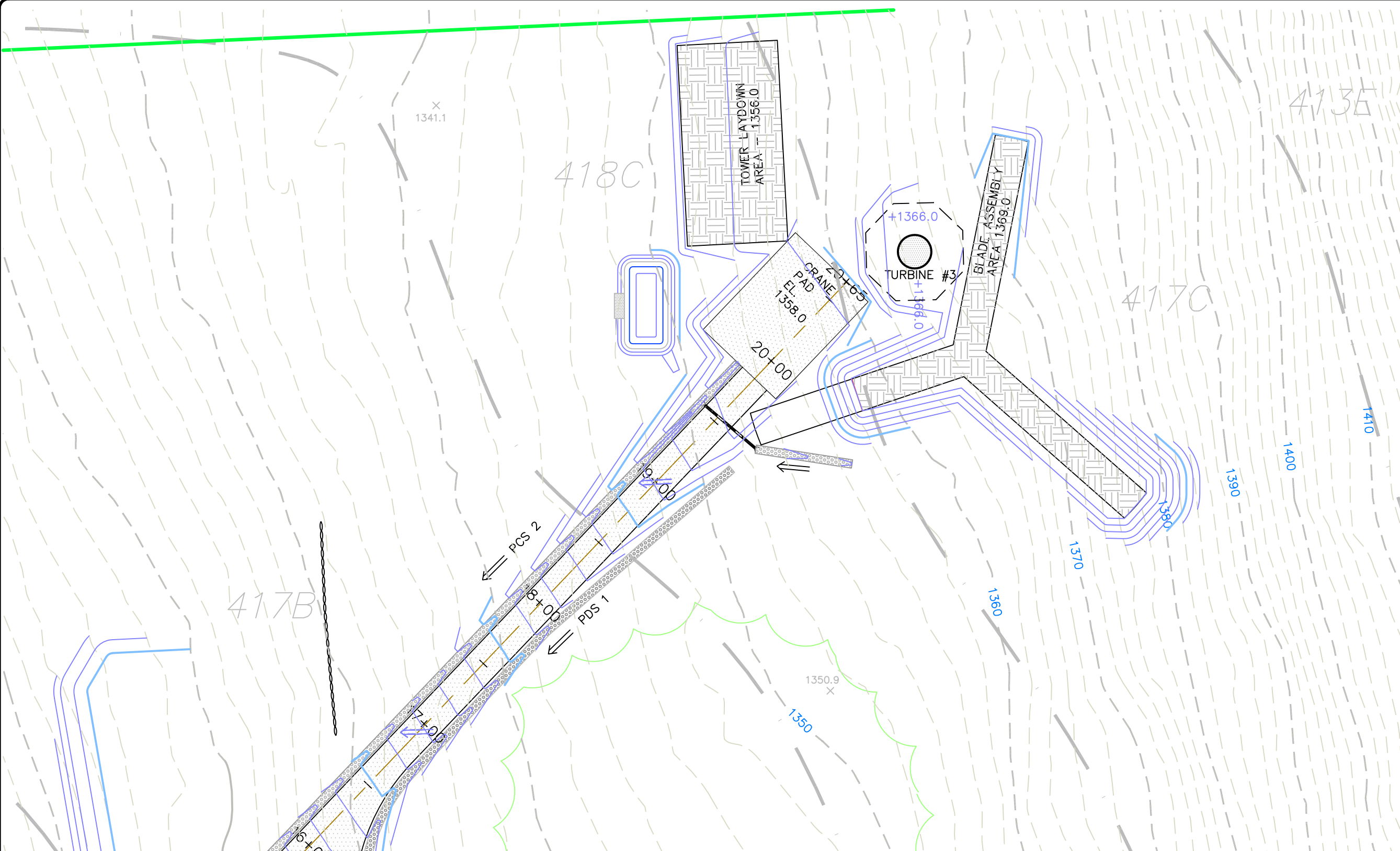
**LEGEND**

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

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

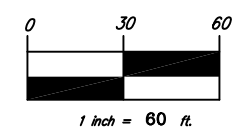
- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- PERM. RIPRAP DIVERSION/CONVEYANCE
- SOIL TYPE BOUNDARY
- COMPACTED EARTH
- STONE INFILTRATION TRENCH

- EXISTING ROADWAY
- PROPOSED GRAVEL ACCESS DRIVE
- PERM. RIPRAP DIVERSION/CONVEYANCE
- SOIL TYPE BOUNDARY
- COMPACTED EARTH
- STONE INFILTRATION TRENCH



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**GRADING PLAN  
 TURBINE THREE**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



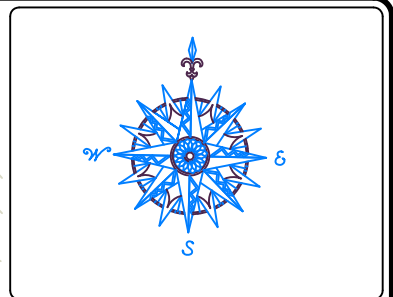
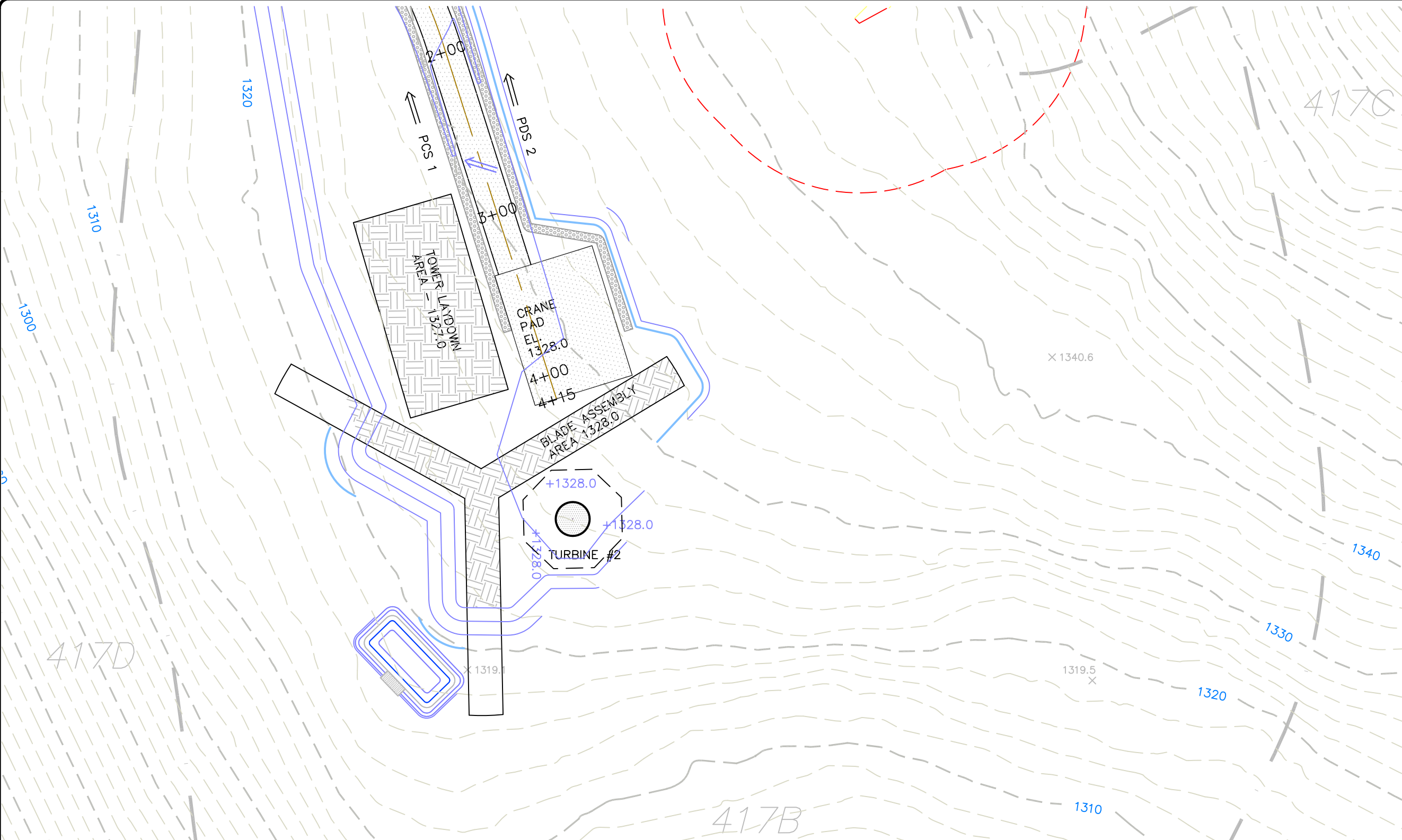
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT  
 (203) 266-0778

**DRINK: BB** APPROVED: CJ  
 SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CAD FILE NAME: 3093  
 DRAWING NO.:

**C-303**

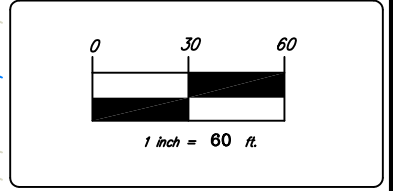
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**GRADING PLAN**  
**TURBINE TWO**

**WIND COLEBROOK**  
**NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

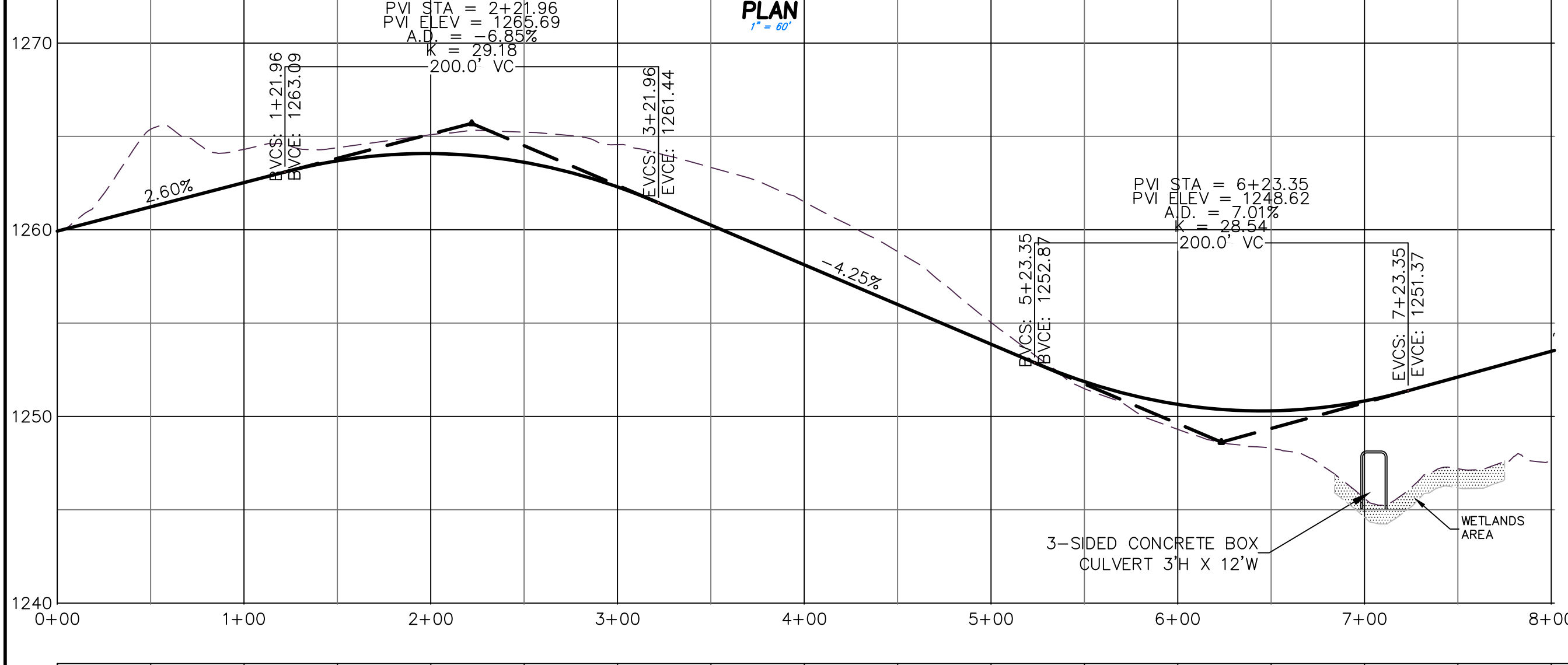
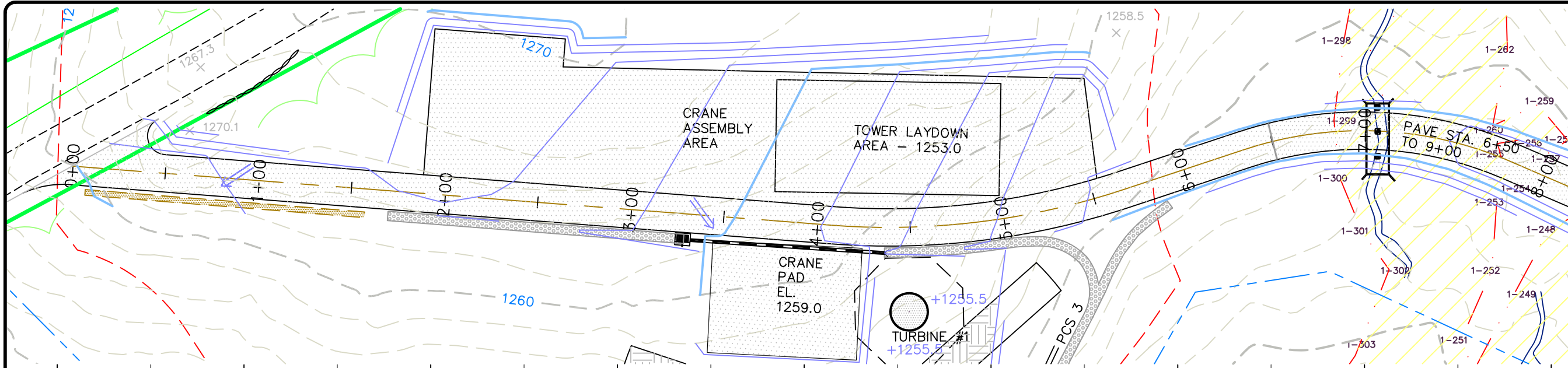
**LEGEND**

	PROPERTY LINE		PROPOSED GRAVEL ACCESS DRIVE
	EXISTING CONTOUR		PERM. RIPRAP DIVERSION/CONVEYANCE
	PROPOSED CONTOUR		SOIL TYPE BOUNDARY
	PROPOSED STORM DRAINAGE		COMPACTED EARTH
	EDGE OF WATER		STONE INFILTRATION TRENCH
	PROPOSED CONSERVATION PROPERTY		
	WETLANDS/WATERCOURSE BOUNDARY		
	100' WETLANDS REVIEW AREA		
	EXISTING ROADWAY		

**CIVIL** **C1**

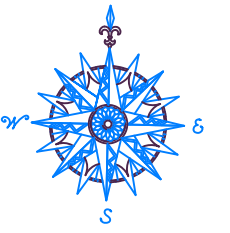
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

DRAWN BY: BB APPROVED BY: CJ  
SCALE: 1" = 60'  
DATE: 23 SEP 11  
PROJ. NO.: 3093  
GRID FILE NAME: 3093  
DRAWING NO.: **C-304**

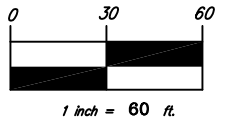


1259.9	1265.4	1264.3	1264.4	1265.1	1265.2	1264.6	1263.3	1261.5	1258.8	1255.0	1251.5	1249.3	1248.3	1245.6	1247.2	1247.6
1259.92	1261.22	1262.52	1263.69	1264.08	1263.61	1262.29	1260.25	1258.12	1255.99	1253.87	1251.87	1250.64	1250.30	1250.83	1252.11	1253.49

**PROFILE**  
 1" = 60' HOR.  
 1" = 6' VER.



NO.	REVISION	DATE



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

**MAIN ACCESS DRIVE PLAN  
 AND PROFILE**  
 STA. 0+00 TO 8+00

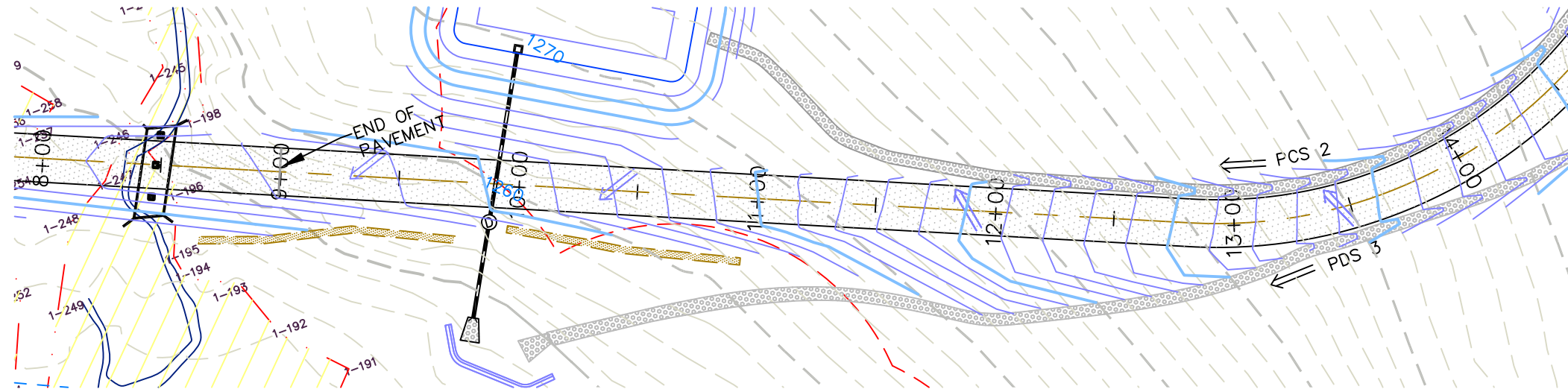
**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

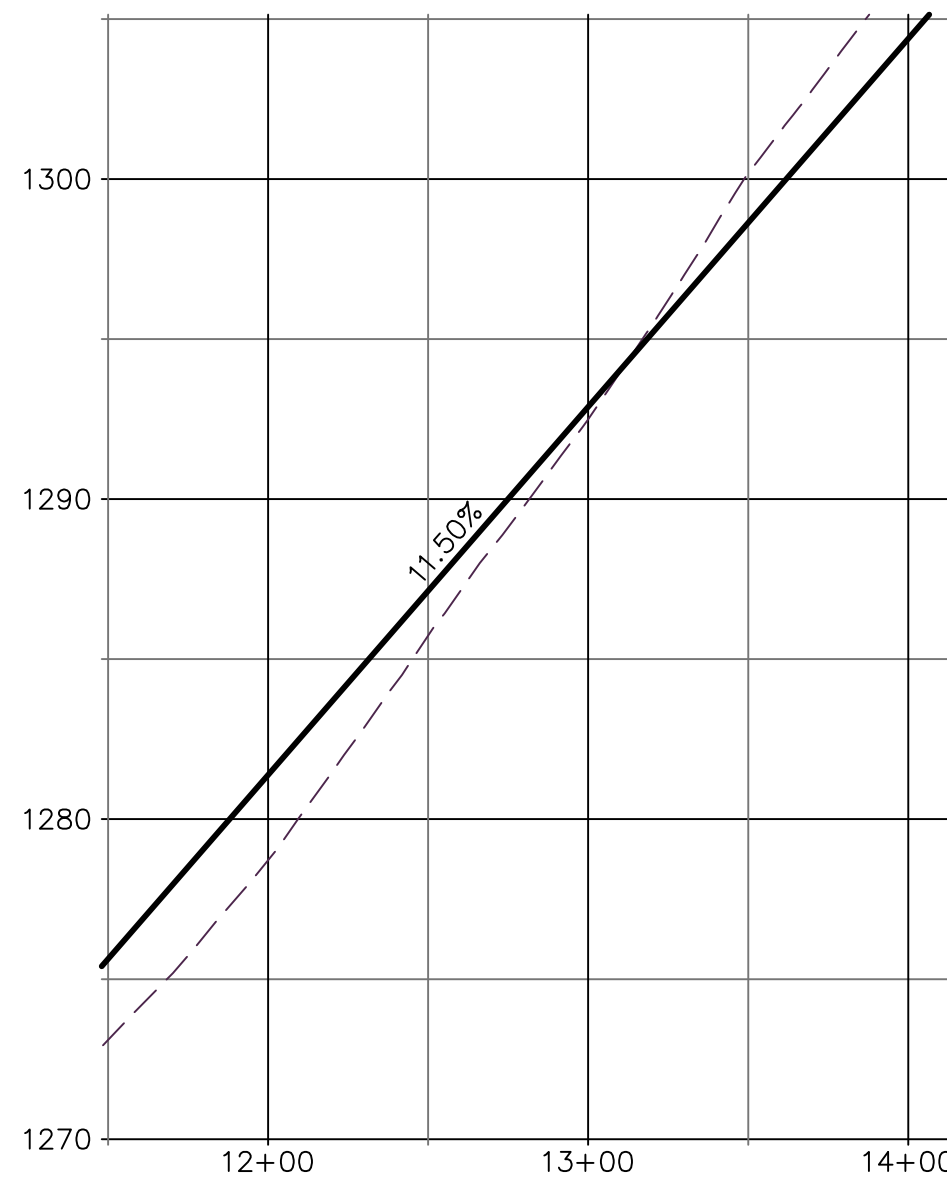
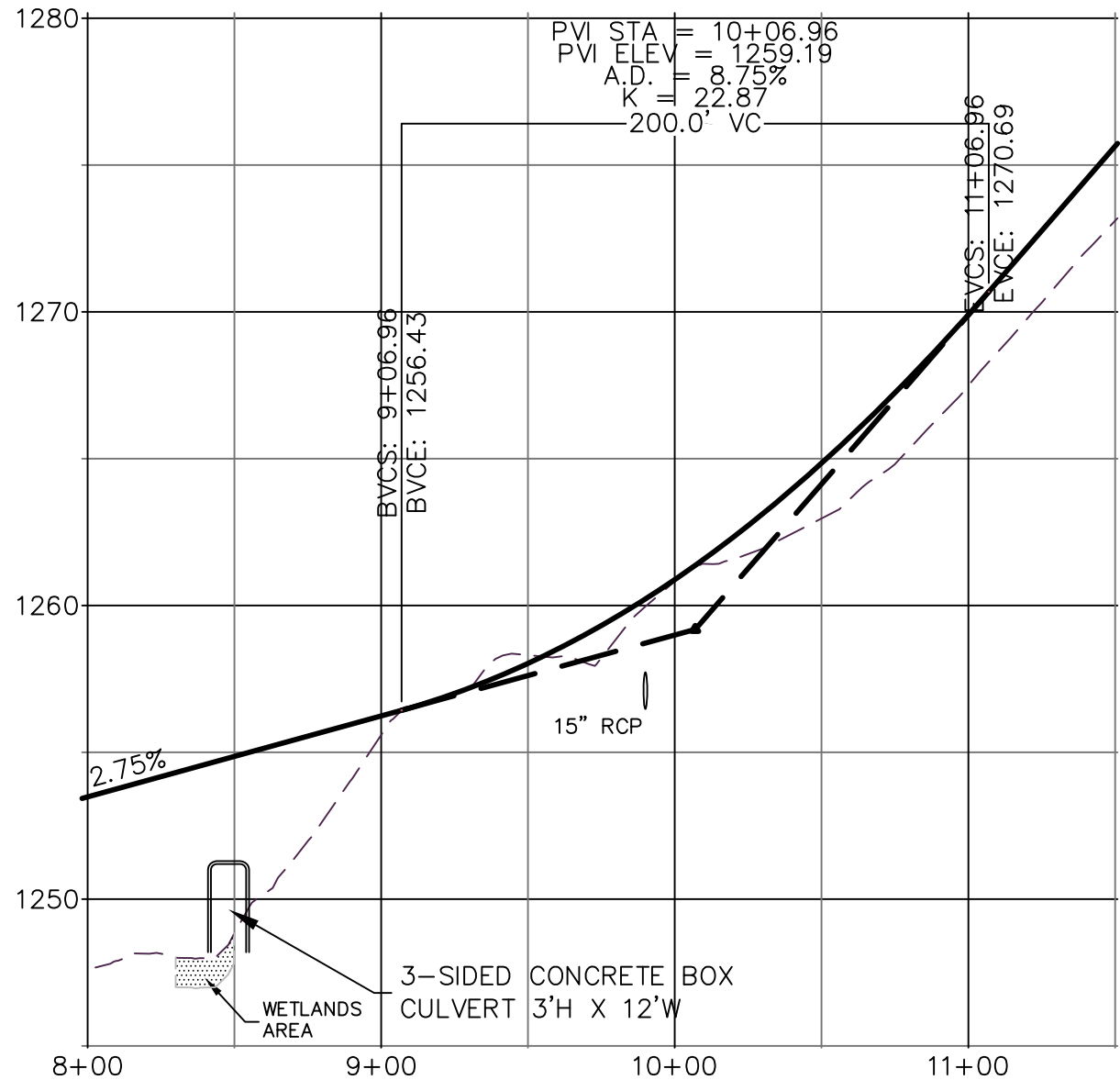
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

DRWN: BB	APPRVD: CJ
SCALE: 1" = 60'	
DATE: 23 SEP 11	
PROJ. NO.: 3093	
CONTRACT NAME: 3093	
DRAWING NO.:	

**C-401**



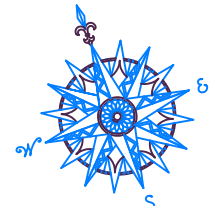
**PLAN**  
1" = 60'



1247.6	1248.8	1255.6	1258.3	1260.8	1263.0	1267.5	1273.1
1253.49	1254.86	1256.24	1258.02	1260.89	1264.84	1269.90	1275.64

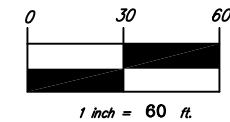
**PROFILE**  
1" = 60' HOR.  
1" = 6' VER.

1273.1	1278.7	1285.7	1292.5	1300.2	1306.7
1275.64	1281.39	1287.14	1292.89	1298.64	1304.39



NO.	REVISION	DATE

Previous Editions Obsolete



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

**MAIN ACCESS DRIVE PLAN  
AND PROFILE**  
STA. 8+00 TO 14+00

**WIND COLEBROOK  
NORTH**  
ROCK HALL ROAD

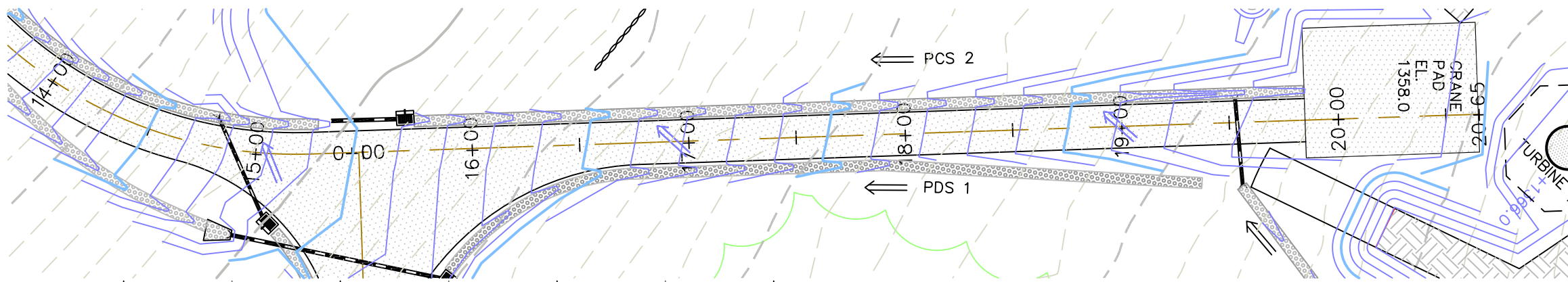
COLEBROOK CONNECTICUT



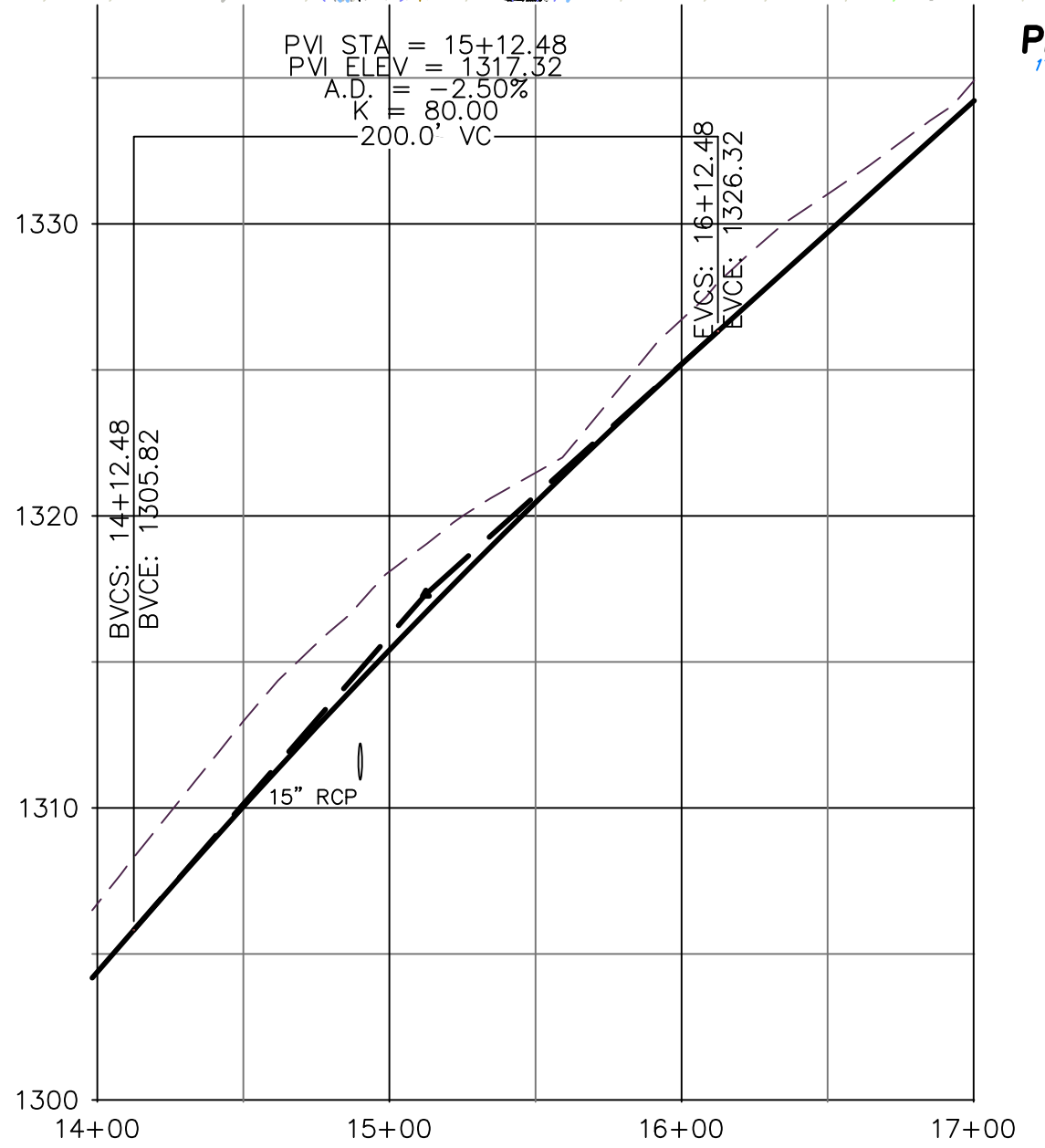
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT (203) 266-0778

DATE: 23 SEP 11  
PROJ. NO.: 3093  
CADD FILE NAME: 3093  
DRAWING NO.:

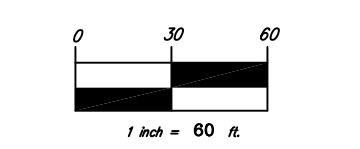
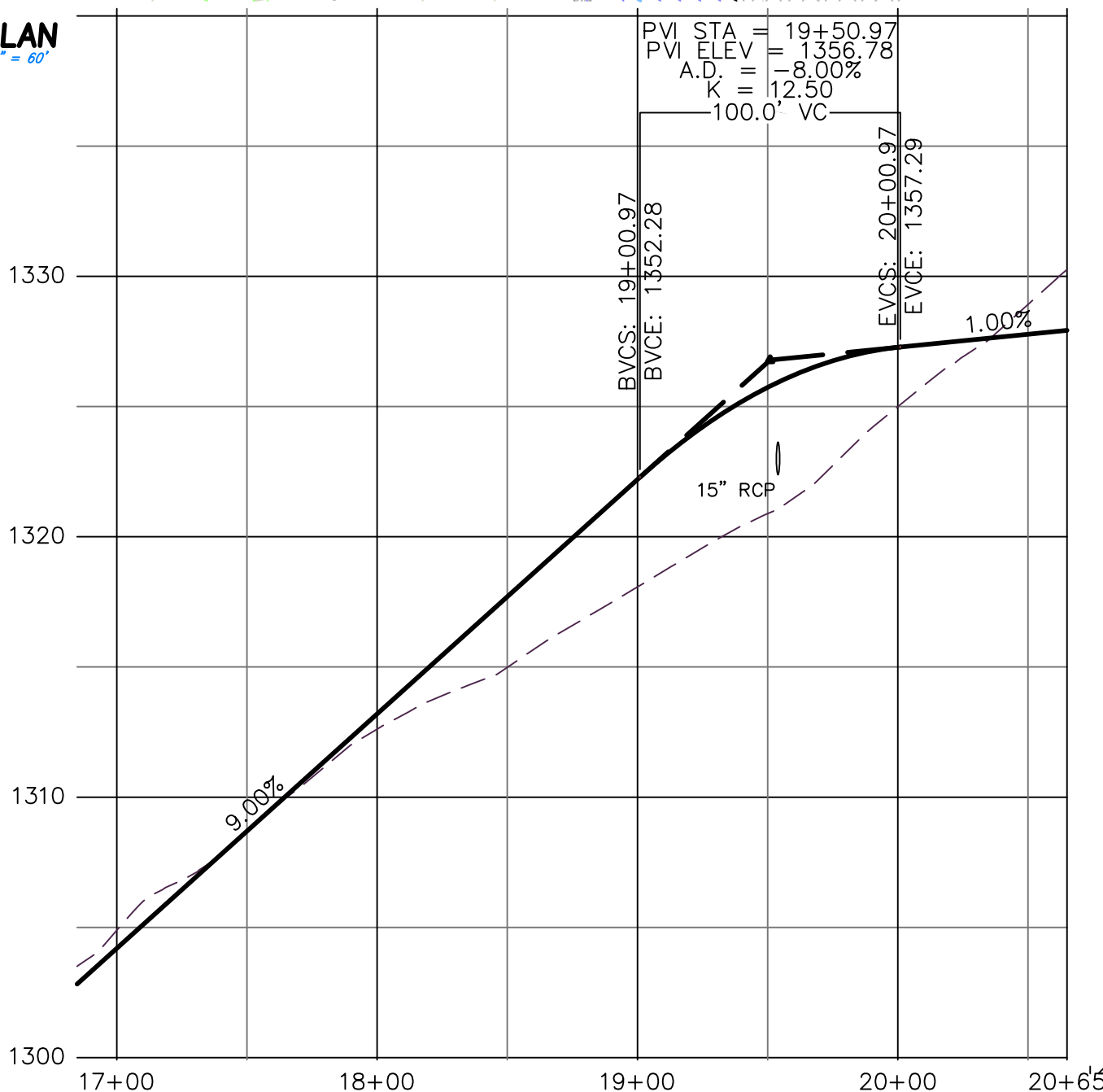
**C-402**



NO.	REVISION	DATE



**PLAN**  
1" = 60'



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

**MAIN ACCESS DRIVE PLAN  
AND PROFILE**  
STA. 14+00 TO 20+65

**WIND COLEBROOK  
NORTH**  
ROCK HALL ROAD

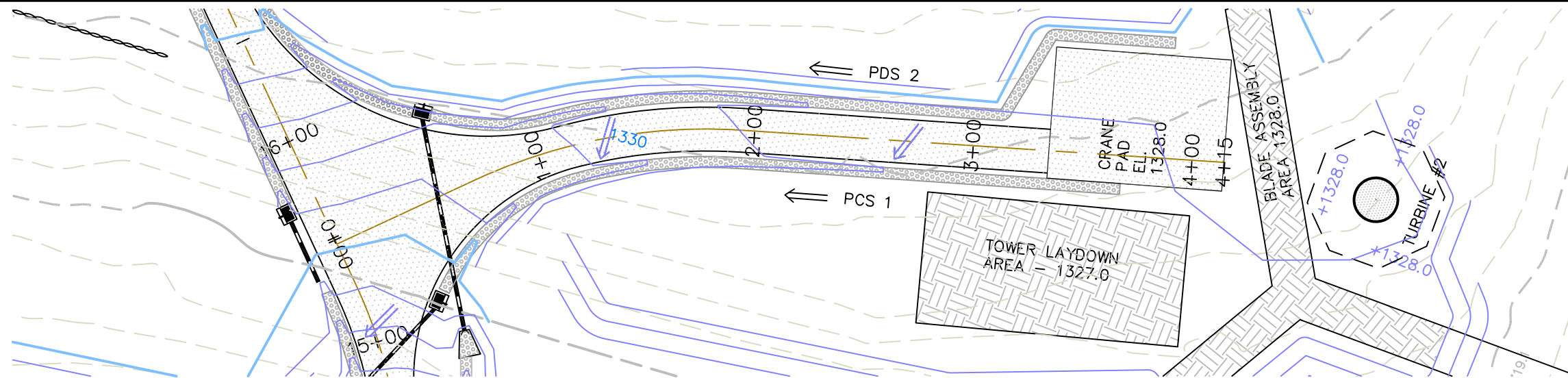
**CIVIL** C1

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

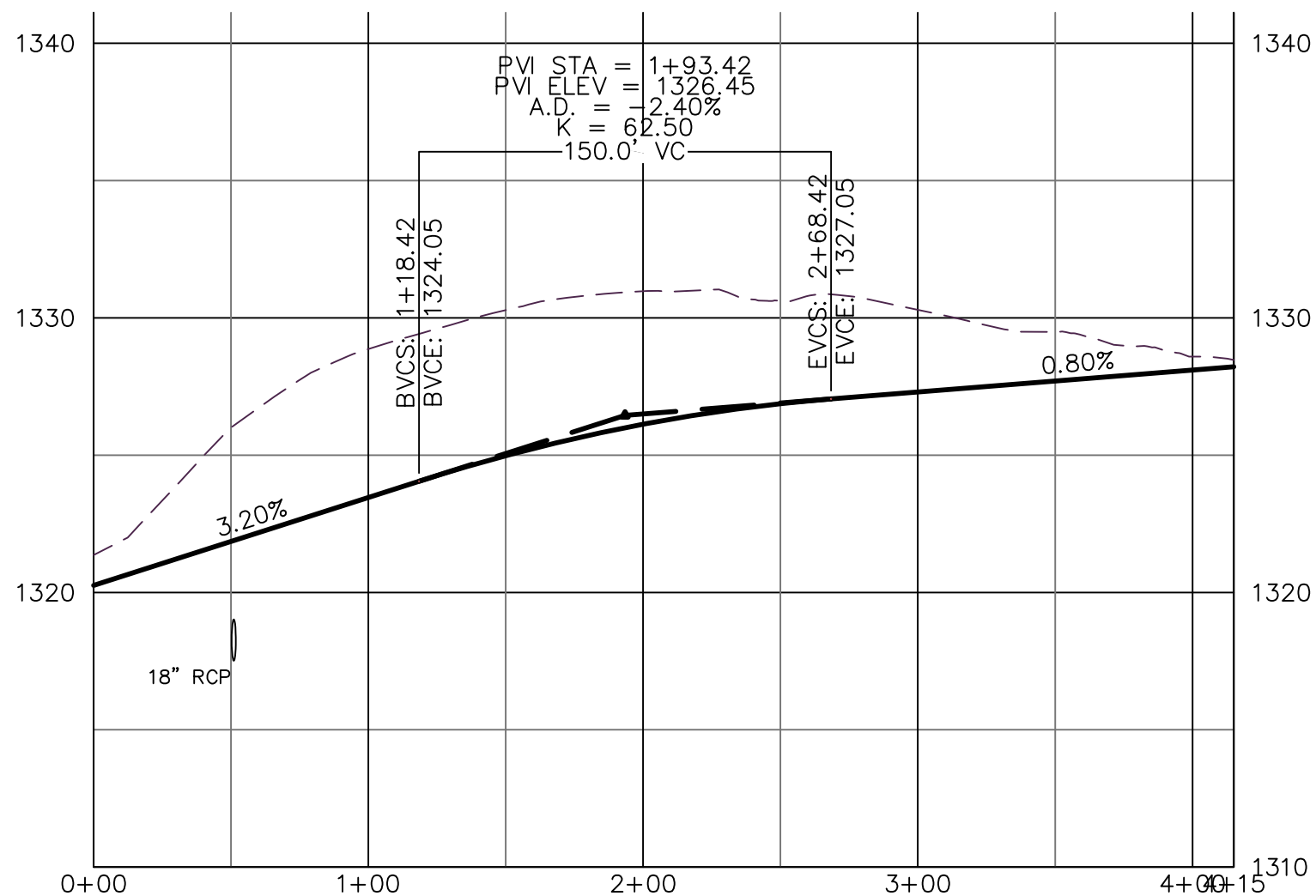
DATE:	23 SEP 11
PROJ. NO.:	3093
DRAWING NO.:	C-403
SCALE:	1" = 60'

1306.7	1304.39	1313.0	1310.05	1318.1	1315.41	1321.5	1320.45	1326.7	1325.19	1331.0	1329.70	1334.9	1334.20
--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------

1334.9	1334.20	1338.7	1338.70	1342.6	1343.20	1345.0	1347.70	1348.1	1352.20	1350.9	1355.74	1355.0	1357.28	1358.9	1357.93	1360.3
--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------	---------	--------

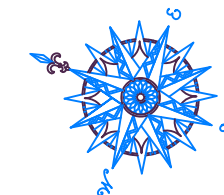


**PLAN**  
1" = 60'



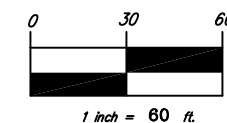
1321.4	1326.0	1328.9	1330.3	1331.0	1330.6	1330.3	1329.5	1328.6
1320.26	1321.86	1323.46	1324.98	1326.13	1326.87	1327.30	1327.70	1328.10
								1328.5
								1328.22

**PROFILE**  
1" = 60' HOR.  
1" = 6' VER.



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**TURBINE TWO ACCESS  
DRIVE PLAN AND PROFILE**  
STA. 0+00 TO 4+15

**WIND COLEBROOK  
NORTH**  
ROCK HALL ROAD

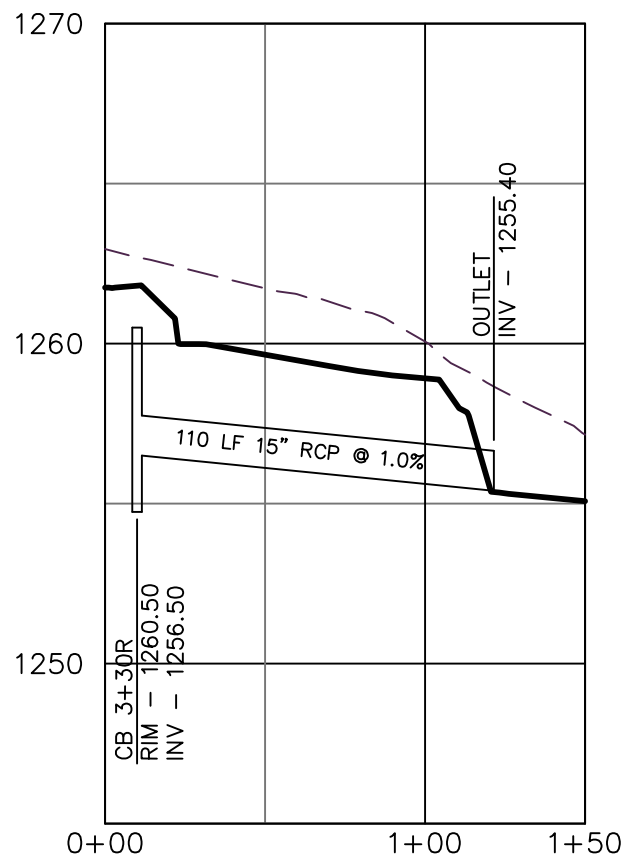
COLEBROOK CONNECTICUT



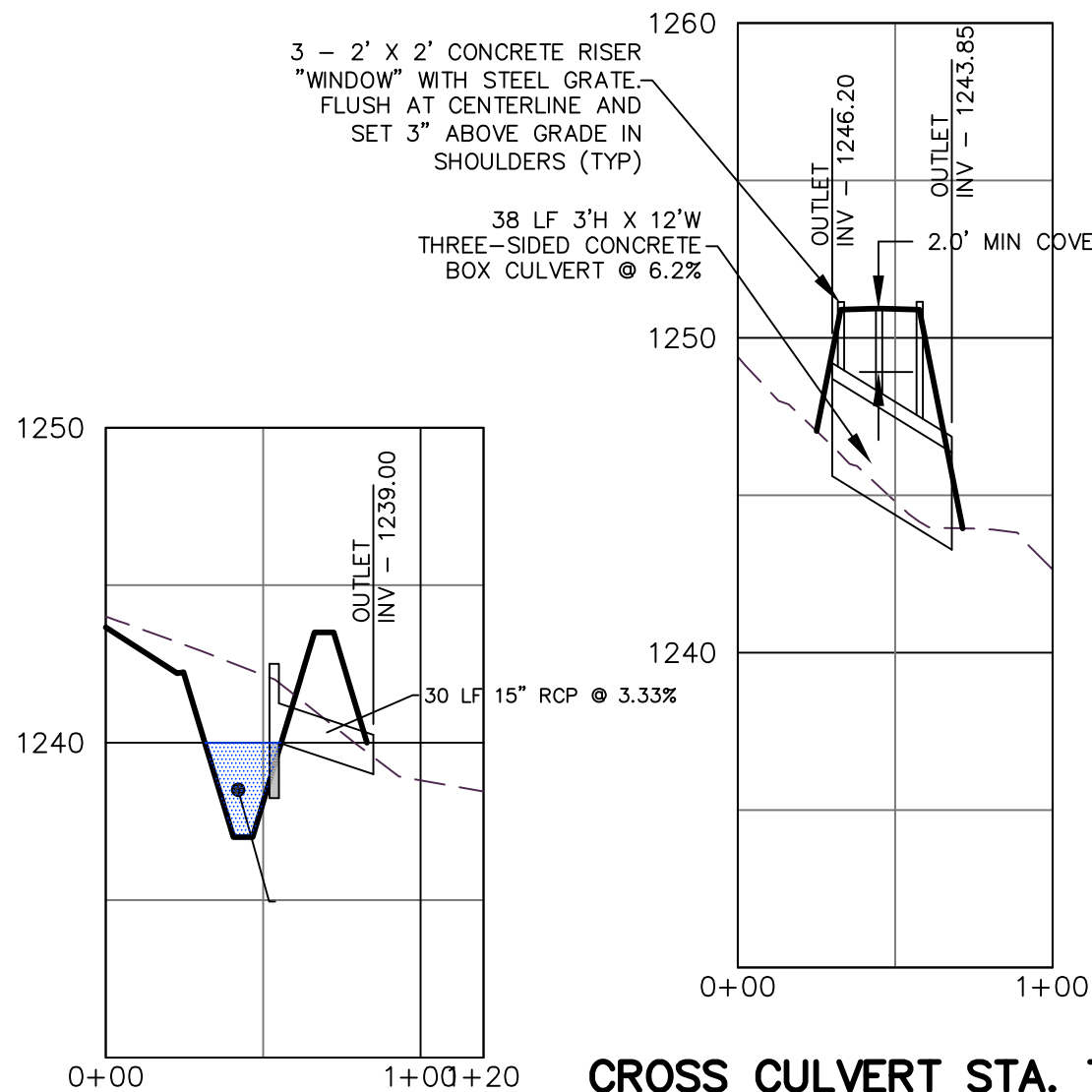
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT (203) 266-0778

DRAWN: BB  
 SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

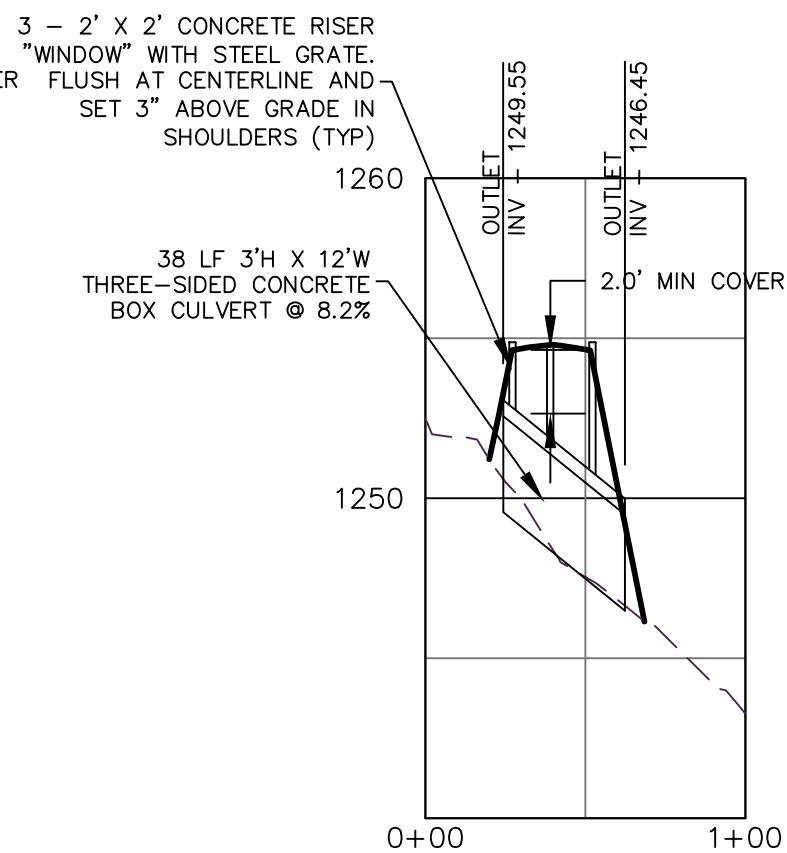
**C-404**



CB 3+30R



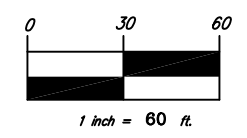
CROSS CULVERT STA. 7+05



CROSS CULVERT STA 8+50

STORMWATER POND 2 OUTLET

NO.	REVISION	DATE



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

STORM DRAINAGE  
 PROFILES

WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

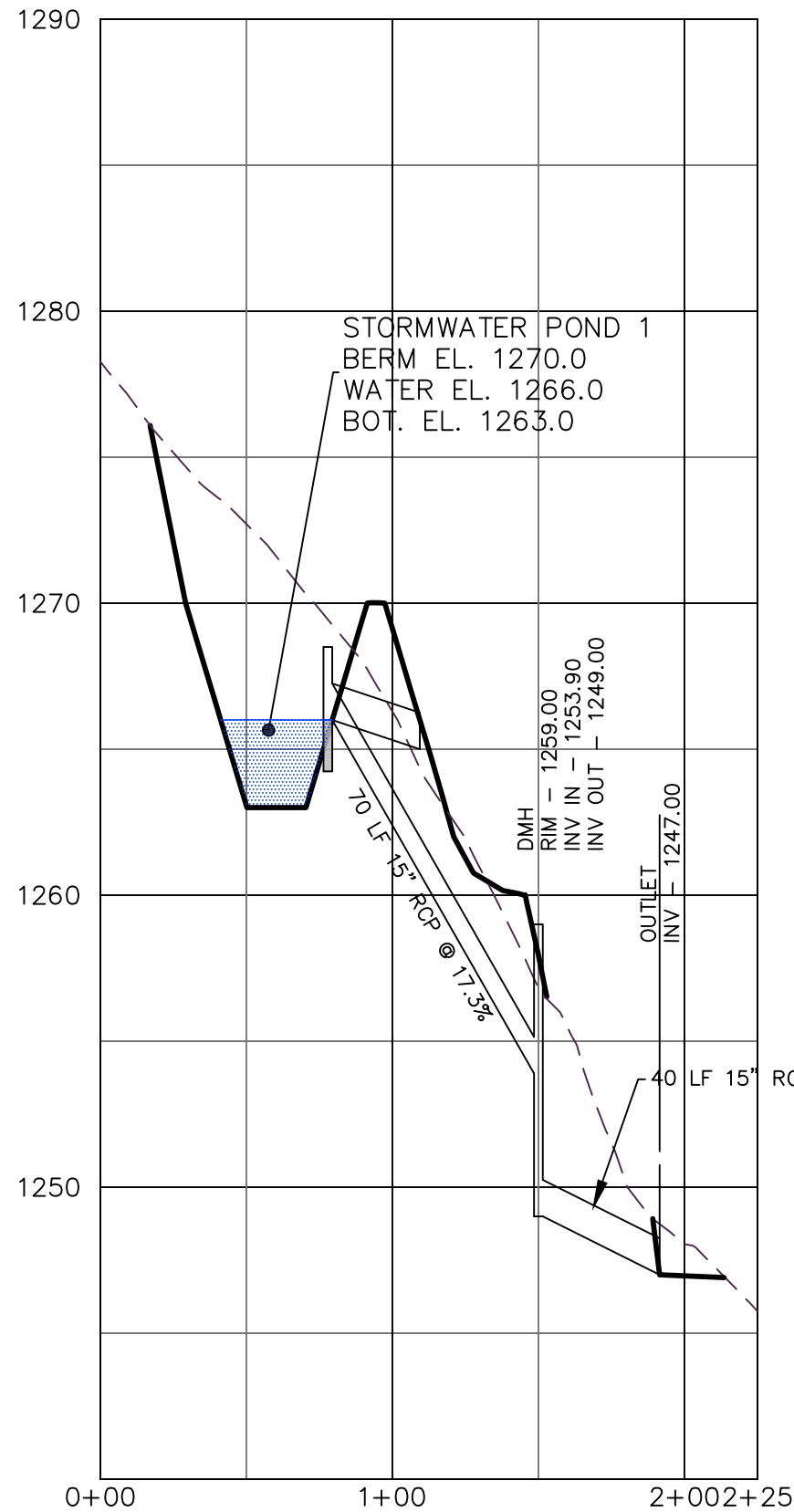
**CIVIL C1**

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

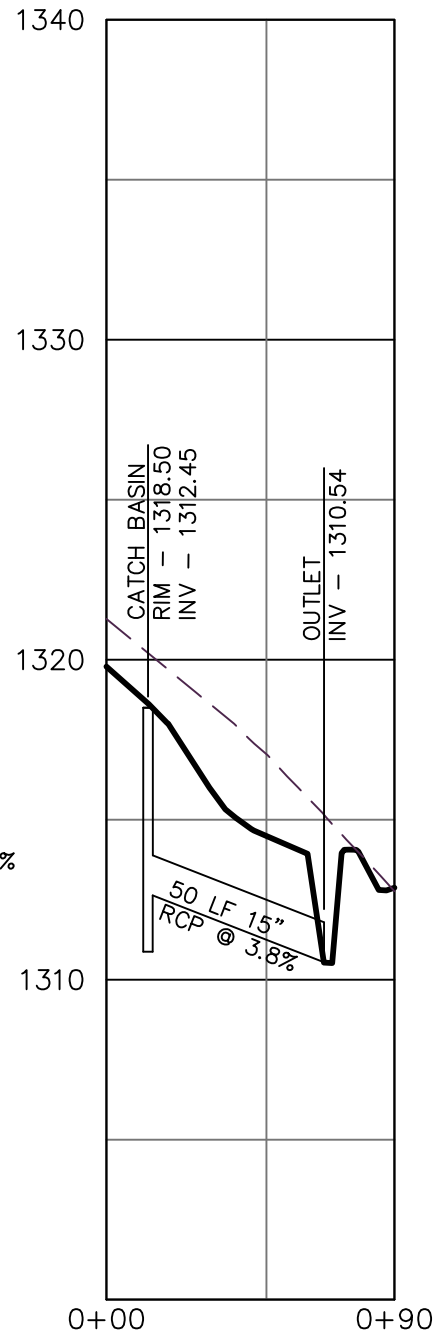
DESIGNER: BB	APPROVED: CJ
SCALE: 1" = 60'	
DATE: 23 SEP 11	
PROJECT NO.: 3093	
CADD FILE NAME: 3093	
DRAWING NO.:	

C-405



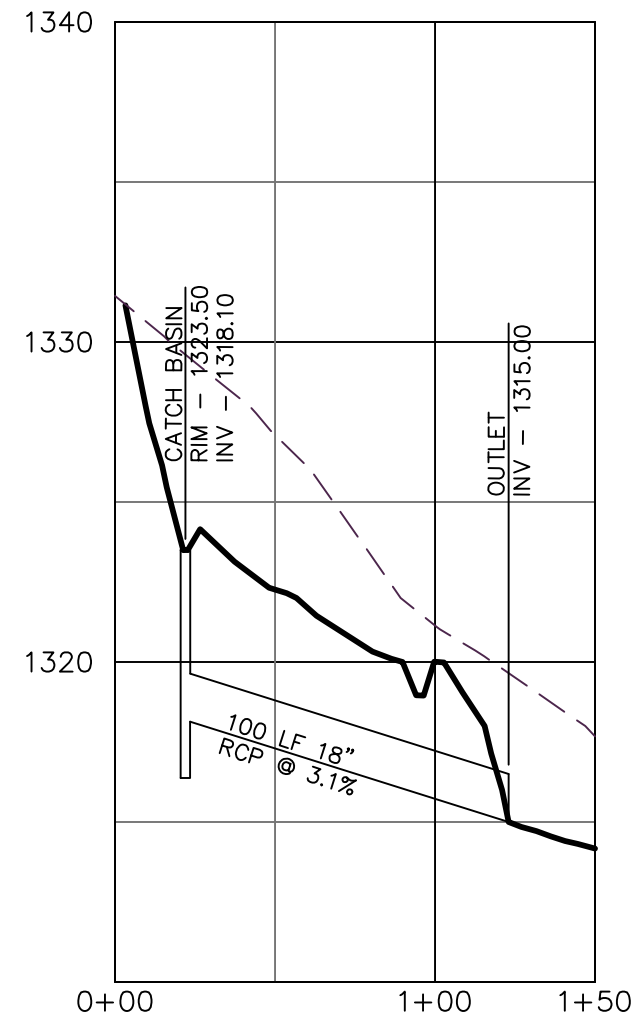


STORMWATER POND 1 OUTLET

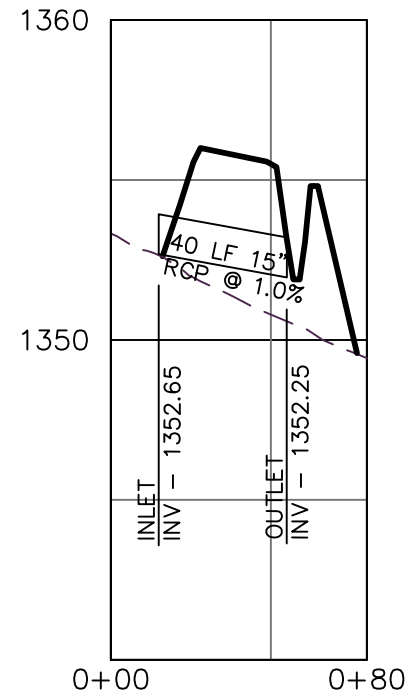


CROSS CULVERT STA. 14+90

CROSS CULVERT STA. 9+54

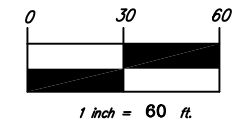


CROSS CULVERT STA. 0+50  
TURBINE 2 ACCESS ROAD



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

STORM DRAINAGE  
PROFILES

WIND COLEBROOK  
NORTH  
ROCK HALL ROAD

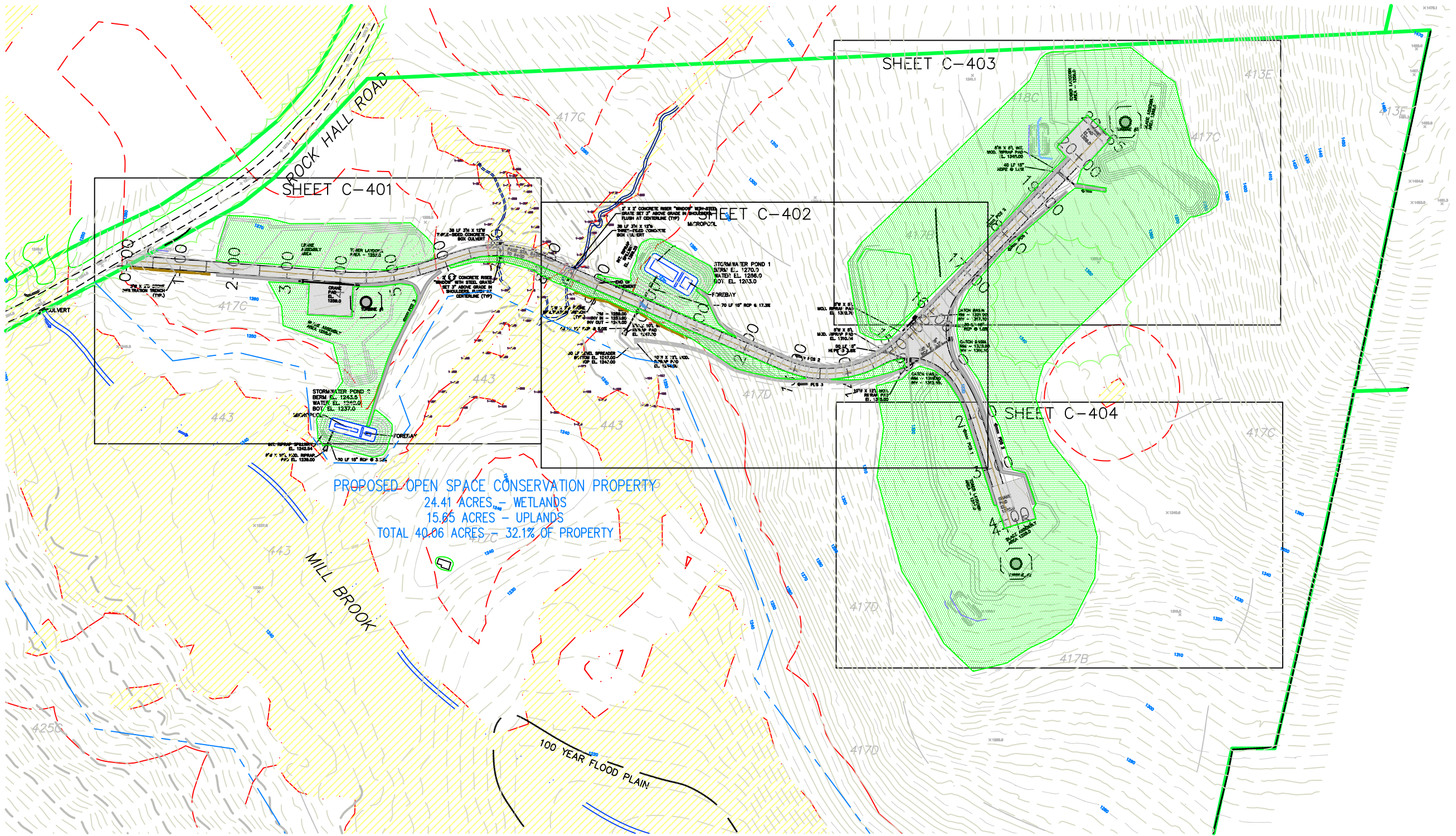
COLEBROOK CONNECTICUT



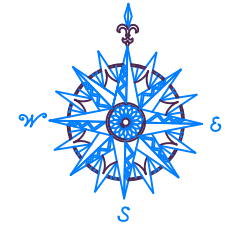
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT

DRAWN BY: BB APPROVED BY: CJ  
SCALE: 1" = 60'  
DATE: 23 SEP 11  
PROJ. NO.: 3093  
CADD FILE NAME: 3093  
DRAWING NO.:

C-406

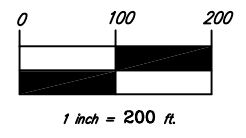


**PROPOSED OPEN SPACE CONSERVATION PROPERTY**  
 24.41 ACRES - WETLANDS  
 15.65 ACRES - UPLANDS  
 TOTAL 40.06 ACRES - 32.1% OF PROPERTY



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**OVERALL  
 POST CONSTRUCTION  
 GRADING PLAN**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



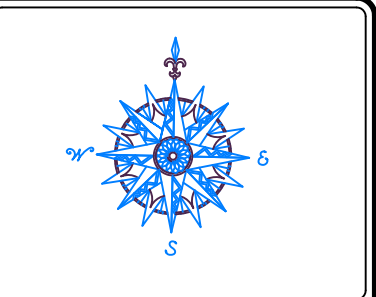
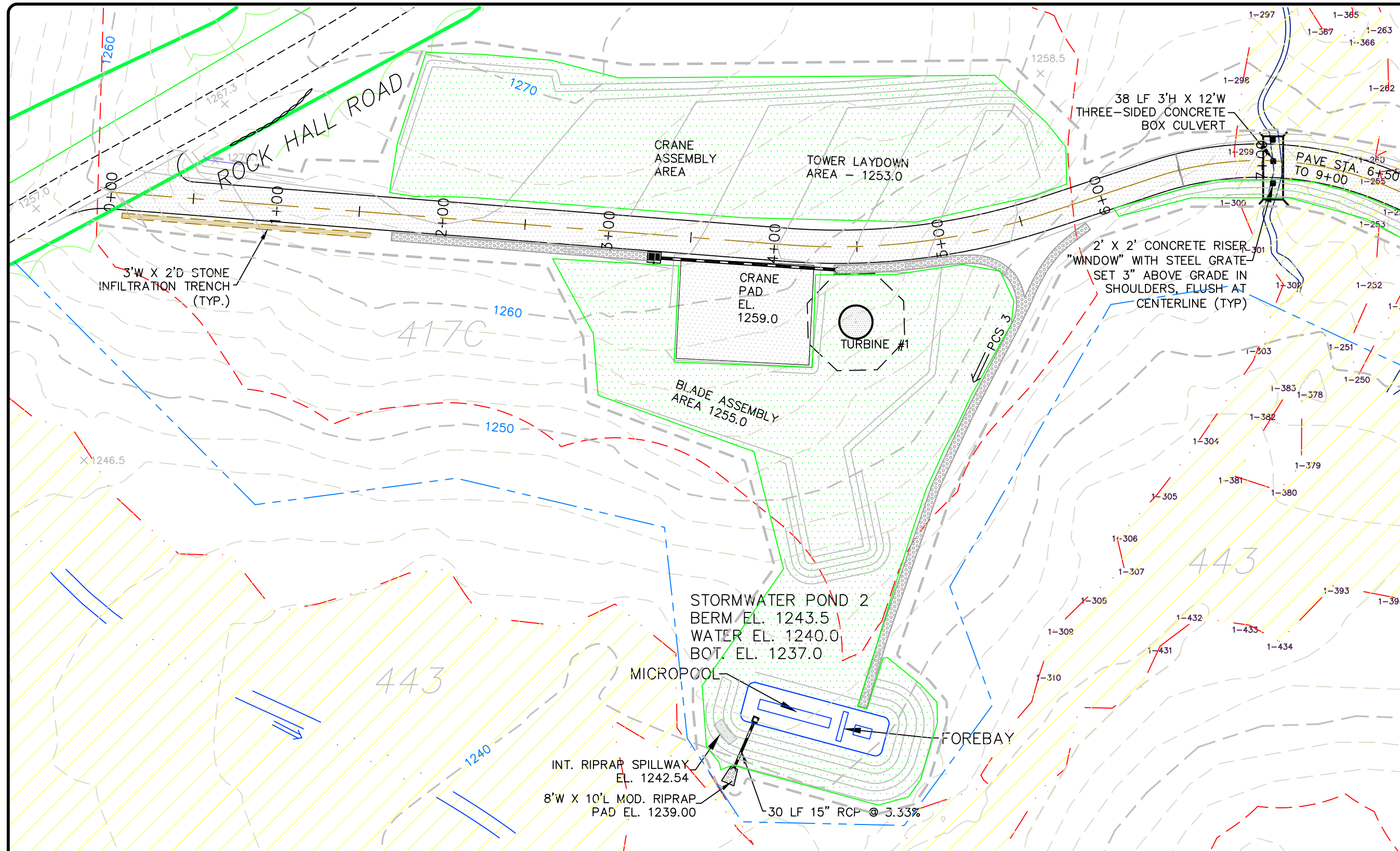
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
 43 SHERMAN HILL ROAD  
 WOODBURY CONNECTICUT (203) 266-0778

DRAWN BY: BB APPROVED BY: CJ  
 SCALE: 1" = 200'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 GRID FILE NAME: 3093  
 DRAWING NO.:

**C-500**

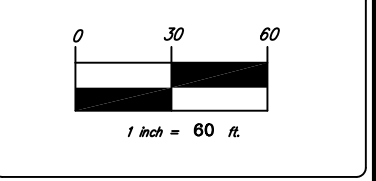
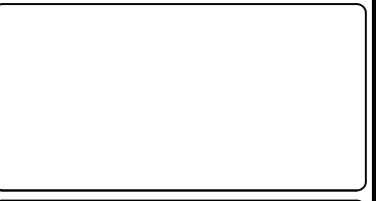
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**POST CONSTRUCTION  
 GRADING PLAN  
 TURBINE ONE**

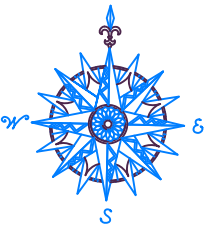
**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT



DRIVER: BB	APPROVED: CJ
SCALE: 1" = 60'	
DATE: 23 SEP 11	
PROJ. NO.: 3093	
GRID FILE NAME: 3093	
DRAWING NO.: <b>C-501</b>	

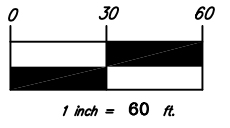
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**POST CONSTRUCTION  
 GRADING PLAN  
 MAIN ACCESS DRIVE  
 STA. 8+00 TO 17+00**

**WIND COLEBROOK  
 NORTH  
 ROCK HALL ROAD**

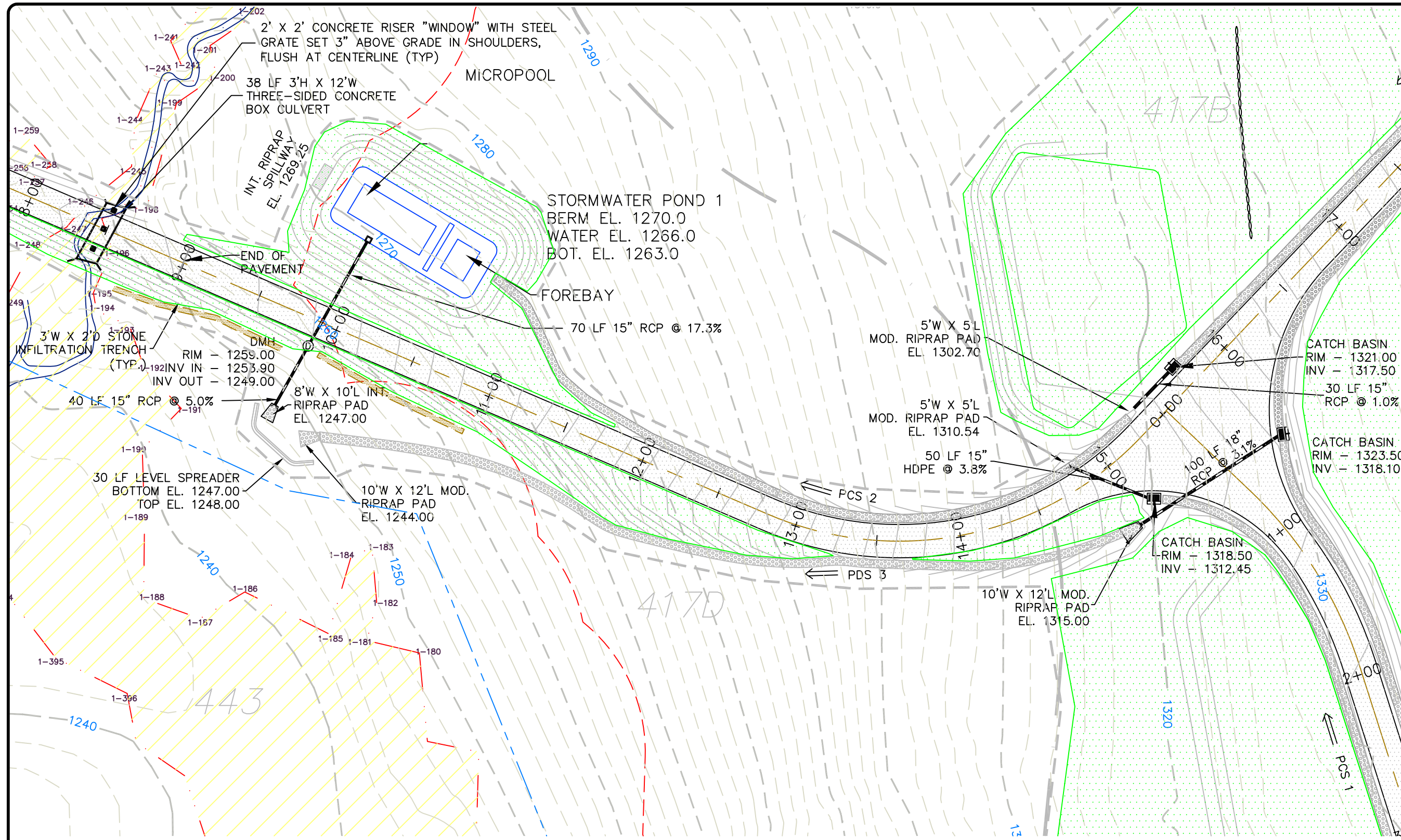
COLEBROOK CONNECTICUT



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

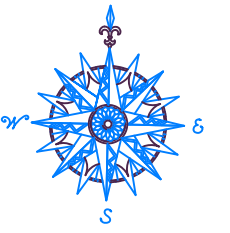
SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-502**

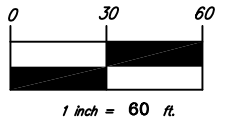
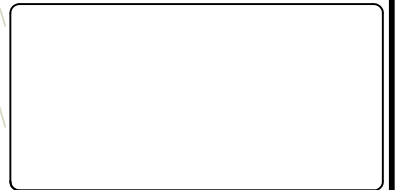


**LEGEND**

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



NO.	REVISION	DATE



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

**POST CONSTRUCTION  
 GRADING PLAN  
 TURBINE THREE**

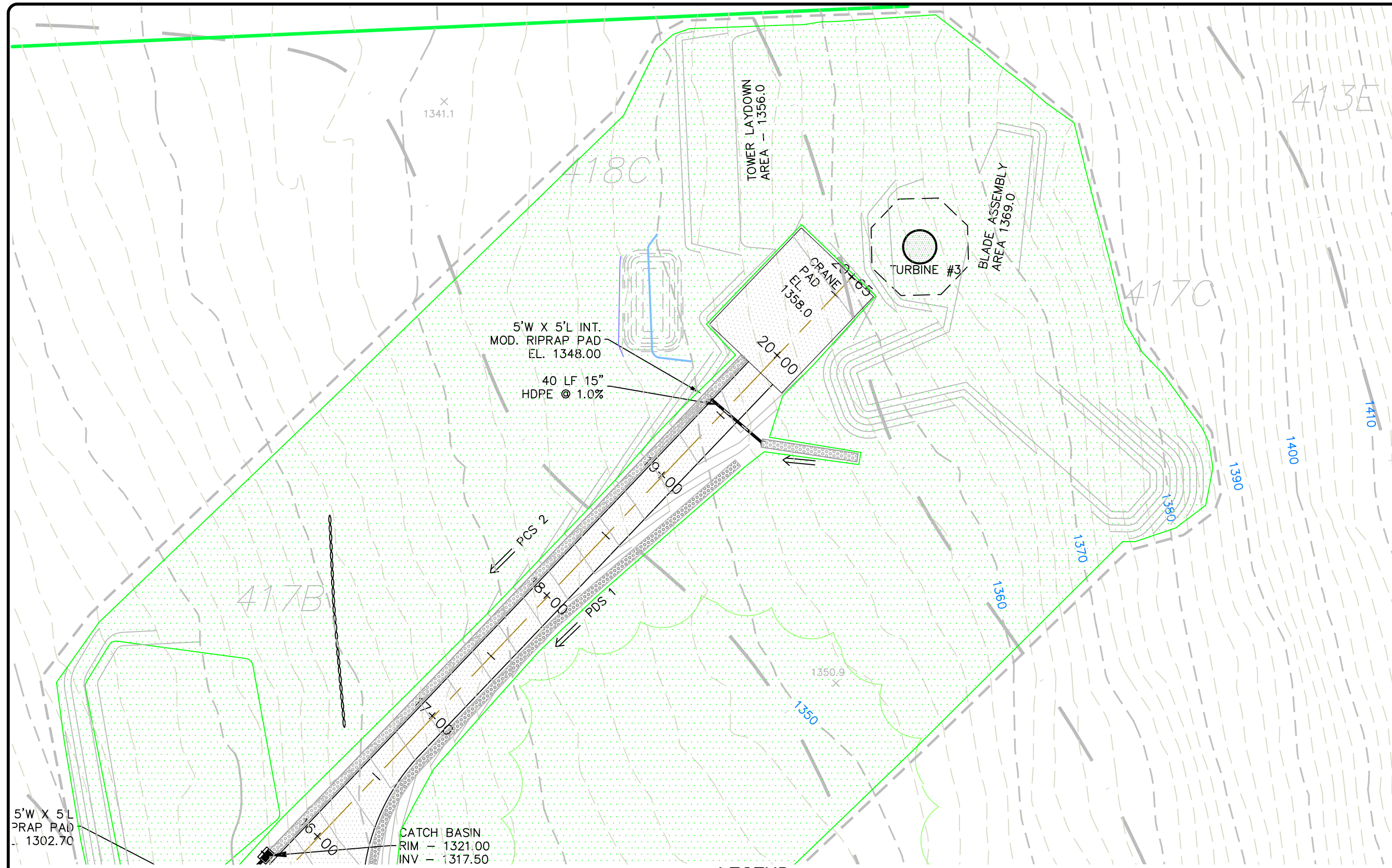
**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT

**CIVIL C1**

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

**Drawn:** BB      **Approved:** CJ  
**Scale:** 1" = 60'  
**Date:** 23 SEP 11  
**Proj. No.:** 3093  
**Draw File Name:** 3093  
**Drawing No.:** **C-503**



5'W X 5' L  
 RIPRAP PAD  
 EL. 1302.70

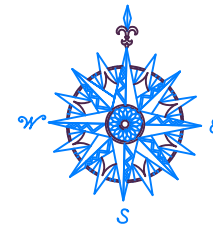
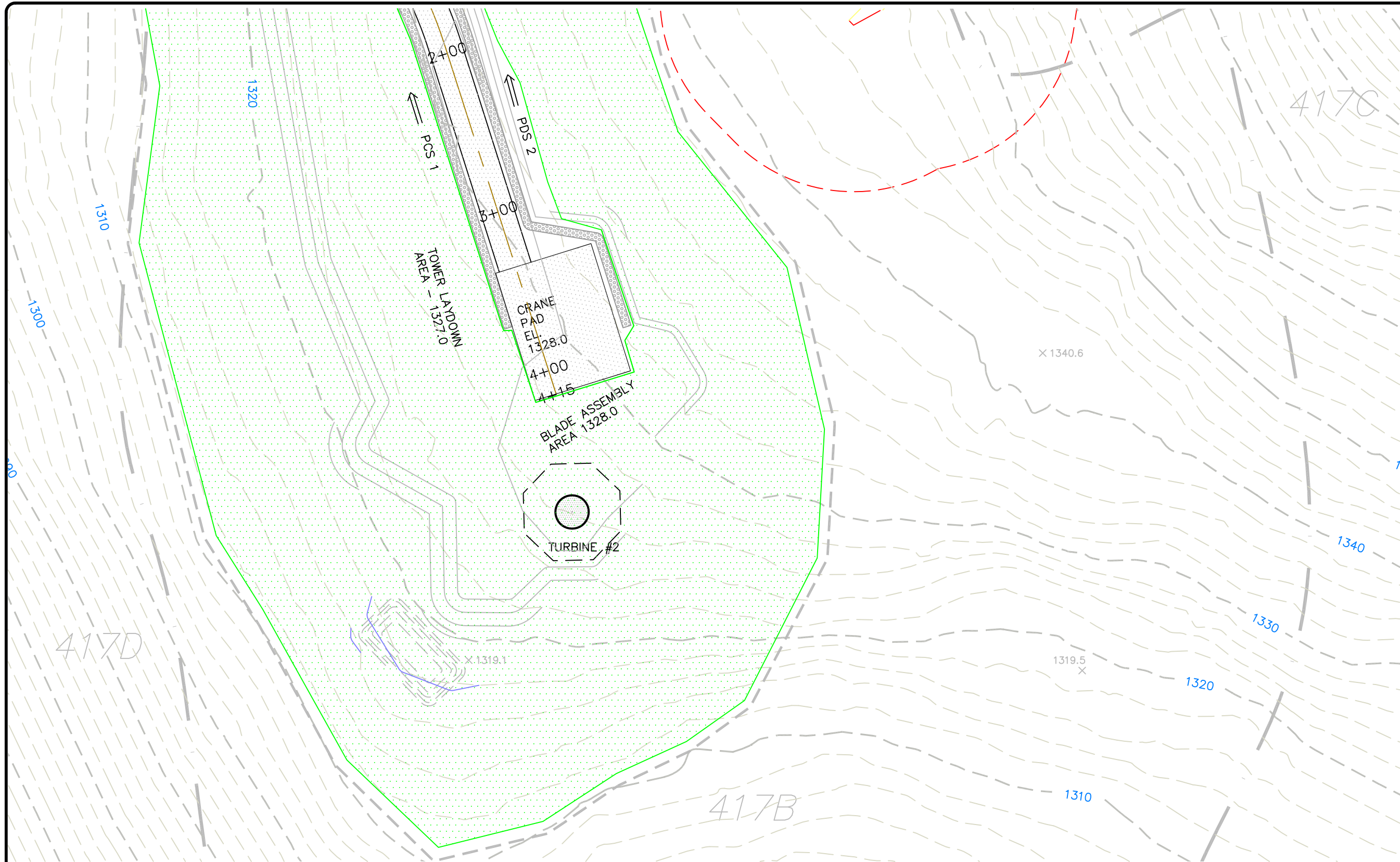
5'W X 5' L INT.  
 MOD. RIPRAP PAD  
 EL. 1348.00

40 LF 15"  
 HDPE @ 1.0%

CATCH BASIN  
 RIM - 1321.00  
 INV - 1317.50

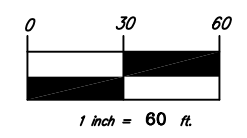
**LEGEND**

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



NO.	REVISION	DATE

*Previous Editions Obsolete*



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

**POST CONSTRUCTION  
 GRADING PLAN  
 TURBINE TWO**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD

COLEBROOK CONNECTICUT



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

SCALE: 1" = 60'  
 DATE: 23 SEP 11  
 PROJ. NO.: 3093  
 CADD FILE NAME: 3093  
 DRAWING NO.:

**C-504**

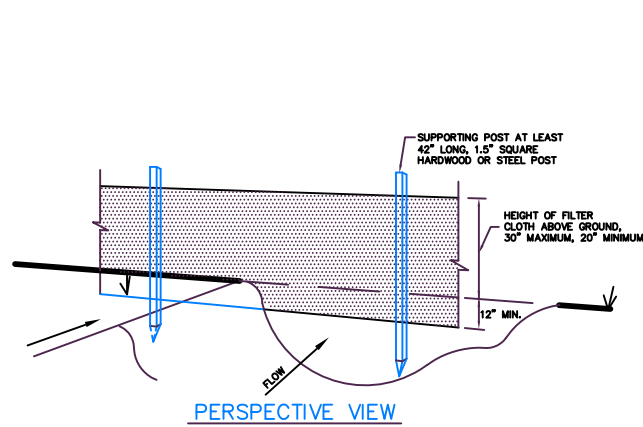
**LEGEND**

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li> PROPERTY LINE</li> <li> EXISTING CONTOUR</li> <li> CONTOUR FROM CONSTRUCTION GRADING TO REMAIN</li> <li> CONTOUR FROM CONSTRUCTION GRADING TO BE MODIFIED</li> <li> PROPOSED CONTOUR</li> <li> PROPOSED STORM DRAINAGE</li> <li> EDGE OF WATER</li> <li> PROPOSED CONSERVATION PROPERTY</li> <li> WETLANDS/WATERCOURSE BOUNDARY</li> </ul> | <ul style="list-style-type: none"> <li> 100' WETLANDS REVIEW AREA</li> <li> EXISTING ROADWAY</li> <li> PROPOSED GRAVEL ACCESS DRIVE</li> <li> PERM. RIPRAP DIVERSION/CONVEYANCE SWALE</li> <li> SOIL TYPE BOUNDARY</li> <li> PROPOSED UPLAND MEADOW RESTORATION AREA</li> </ul> |
|--|---|

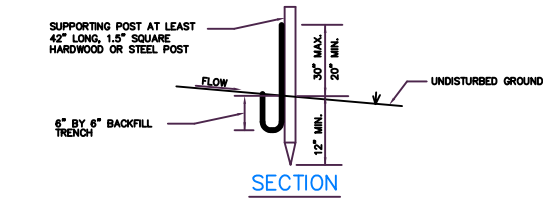








PERSPECTIVE VIEW

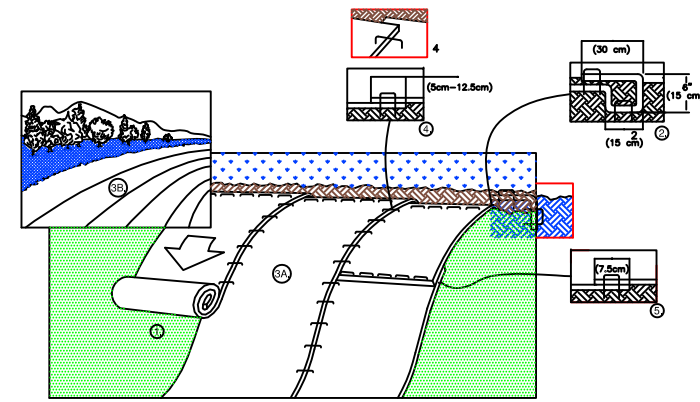


SECTION

CONSTRUCTION NOTES FOR SILT FENCE

- 1. EXCAVATE A TRENCH A MINIMUM OF 6 INCHES DEEP AND 6 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.
- POSTS: 1.5" SQUARE HARDWOOD OR STEEL  
FILTER CLOTH: MIRAFI 100X, ENVIROFENCE OR APPROVED EQUAL

SILT FENCE/WOOD TURTLE EXCLUSIONARY FENCING DETAIL



- 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" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) 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 SYSTEM, 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'-3" (5cm-12.5cm) 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 SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3' (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE: IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

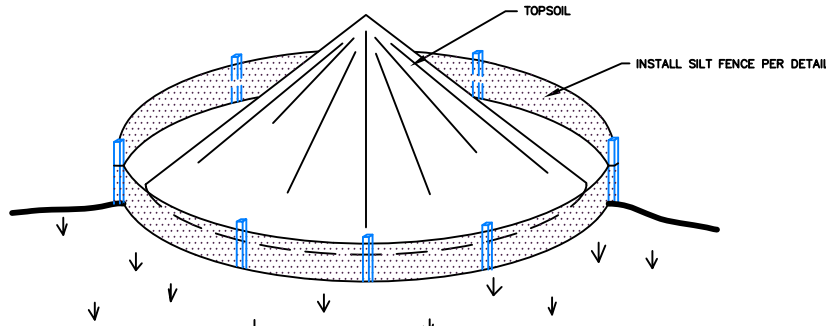
EROSION CONTROL BLANKETS

- 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" (15 CM) MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

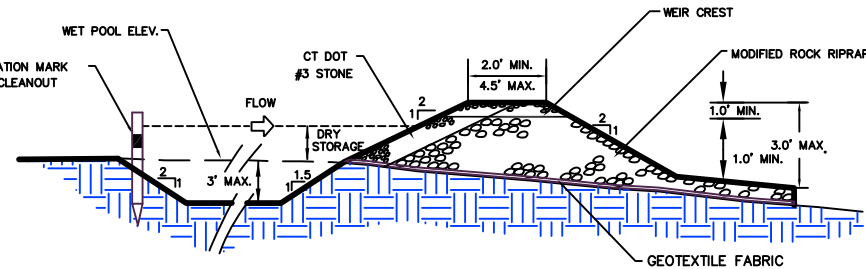
EROSION CONTROL BLANKET



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

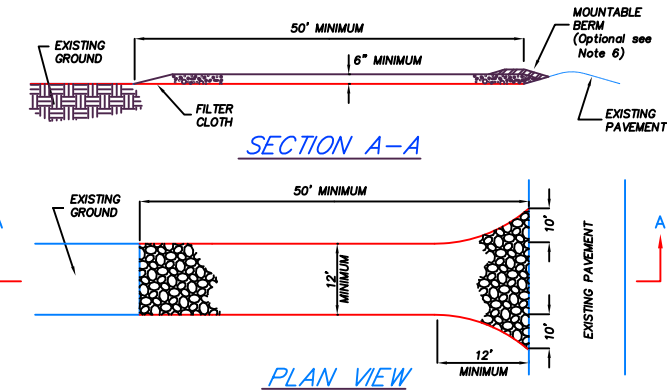
- 1. LOCATE STOCKPILE SO THAT NATURAL DRAINAGE IS NOT OBSTRUCTED.
- 2. DIVERT RUNOFF WATER AWAY FROM OR AROUND THE STOCKPILE.
- 3. INSTALL A GEOTEXTILE SILT FENCE OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM PROPOSED TOE OF THE SLOPE.
- 4. THE SIDE SLOPES OF STOCKPILED MATERIAL SHOULD BE NO STEEPER THAN 2:1.
- 5. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS NEED TO BE SEEDED 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



TEMPORARY SEDIMENT TRAP OUTLET

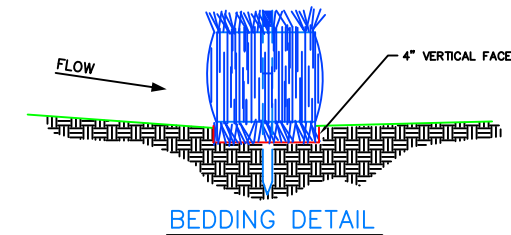
N.T.S.



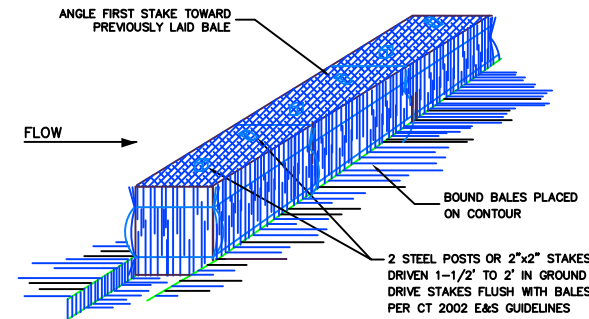
SECTION A-A  
PLAN VIEW

- 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. 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.
  - 6. 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.
  - 7. 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.
  - 8. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE



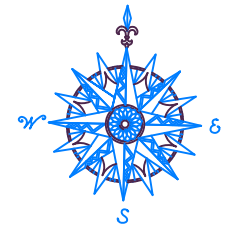
BEDDING DETAIL



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.

BALED EROSION FENCE



NO.	REVISION	DATE

Previous Editions Obsolete

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

DETAILS

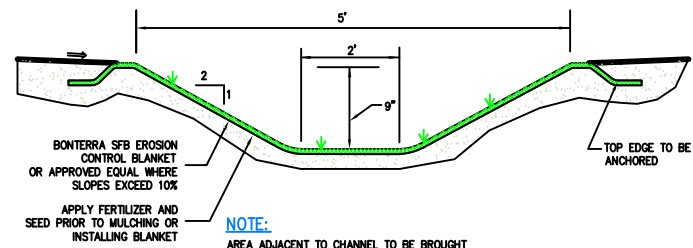
WIND COLEBROOK  
NORTH  
ROCK HALL ROAD  
COLEBROOK CONNECTICUT



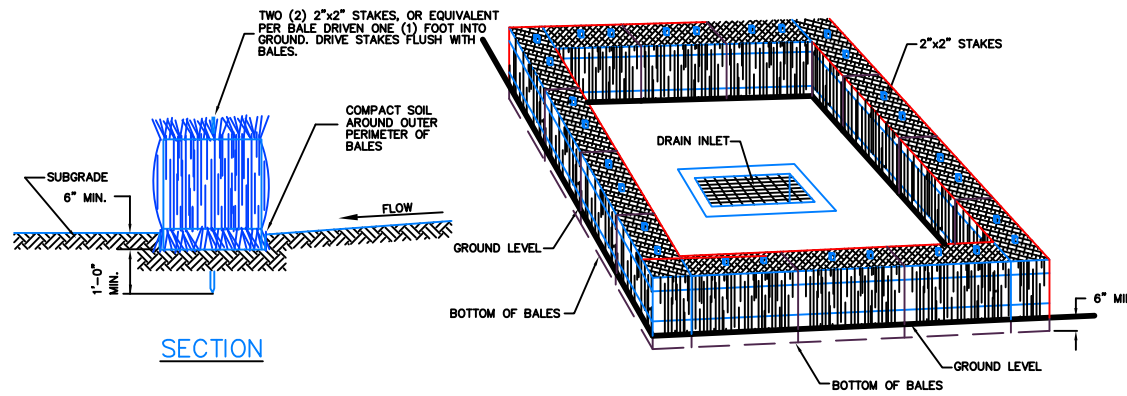
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY CONNECTICUT  
(203) 266-0778

DATE	APPROVED: CJ

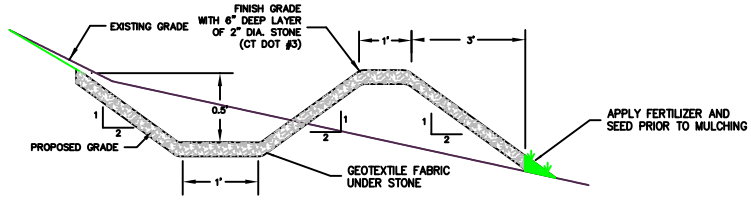
SCALE: AS NOTED  
DATE: 23 SEP 11  
PROJ. NO.: 3093  
CADD FILE NAME: 3093  
DRAWING NO.: C-603



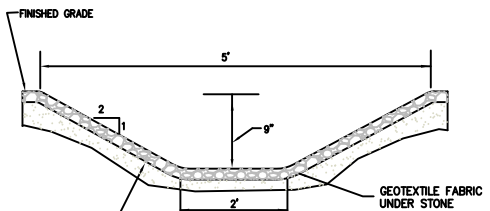
**TEMPORARY DIVERSION SWALE**  
N.T.S.



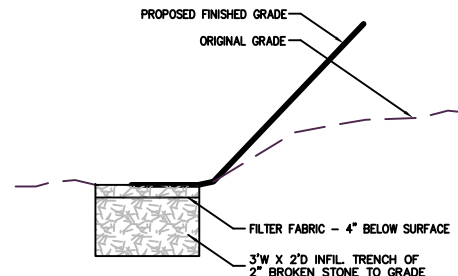
**SECTION**  
**PERSPECTIVE VIEW**  
**BALED FILTER**



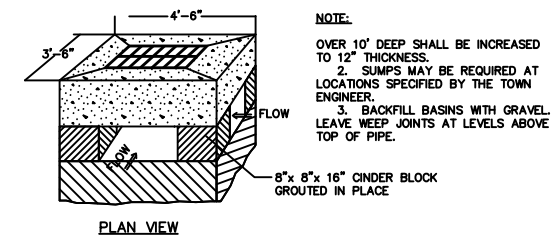
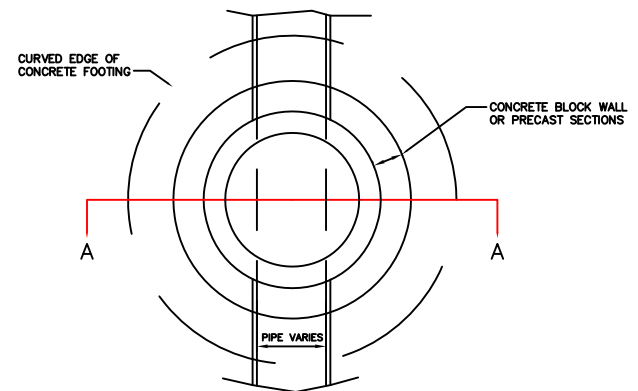
**LEVEL SPREADER DETAIL**  
N.T.S.



**RIPRAP DIVERSION/CONVEYANCE SWALE**  
N.T.S.

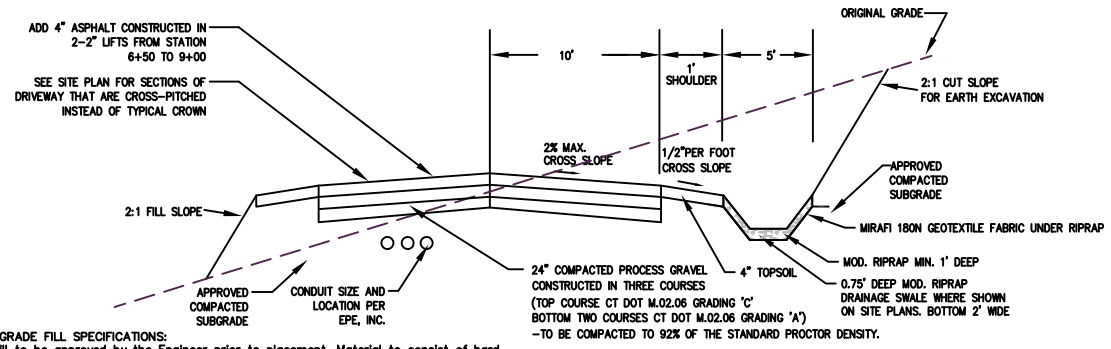


**NOTE:**  
TRENCH IS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION. SHOULD SEDIMENTATION OCCUR REMOVE FILTER FABRIC AND CLEAN OR REPLACE TOP 4" OF STONE.  
**WATER QUALITY TRENCH**  
(N.T.S.)

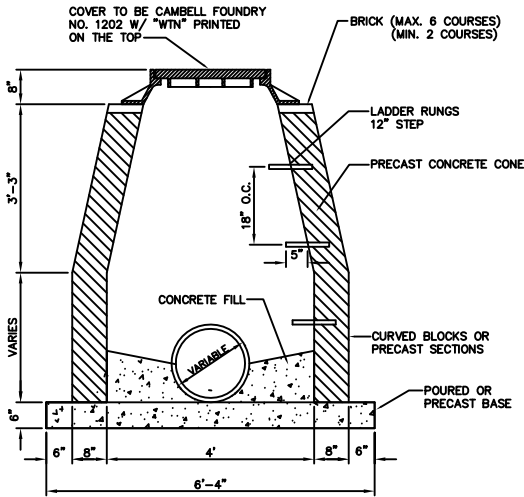


**NOTE:**  
OVER 10" DEEP SHALL BE INCREASED TO 12" THICKNESS.  
2. SUMPS MAY BE REQUIRED AT LOCATIONS SPECIFIED BY THE TOWN ENGINEER.  
3. BACKFILL BASINS WITH GRAVEL. LEAVE WEEP JOINTS AT LEVELS ABOVE TOP OF PIPE.

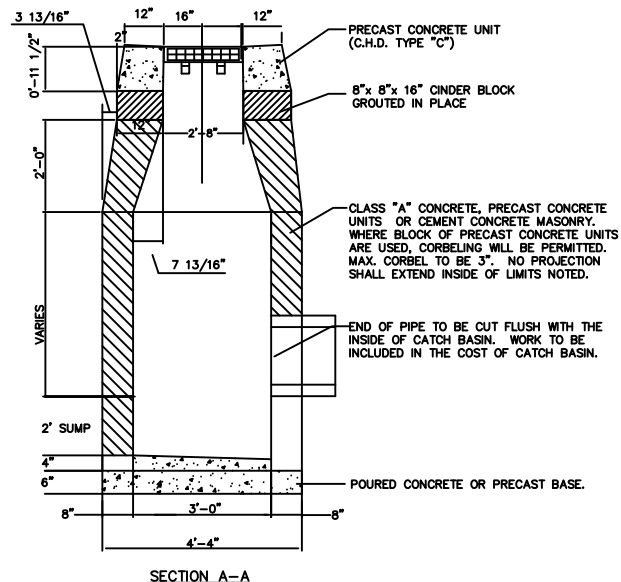
**BNE ENERGY, INC.**  
29 SOUTH MAIN STREET  
TOWN CENTER SUITE 200  
WEST HARTFORD, CT 06107



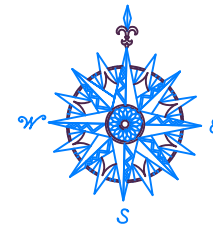
**ACCESS DRIVE CROSS SECTION**  
N.T.S.



**DRAINAGE MANHOLE**  
without sump



**STANDARD TYPE "CL" CATCH BASIN**  
NO SUMP



NO.	REVISION	DATE

*Previous Editions Obsolete*

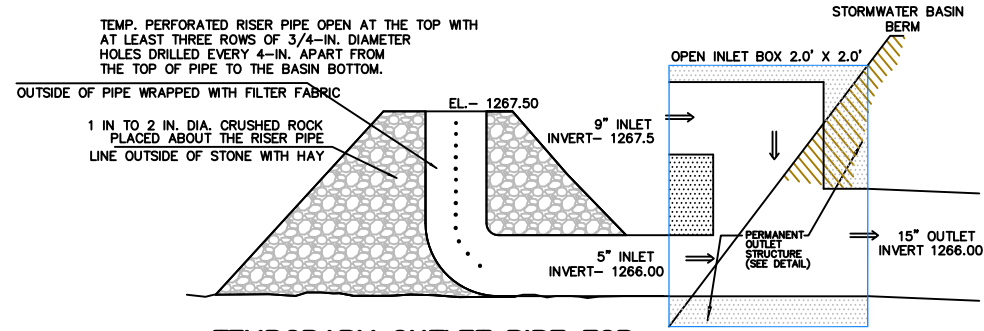
DETAILS

**WIND COLEBROOK NORTH**  
ROCK HALL ROAD

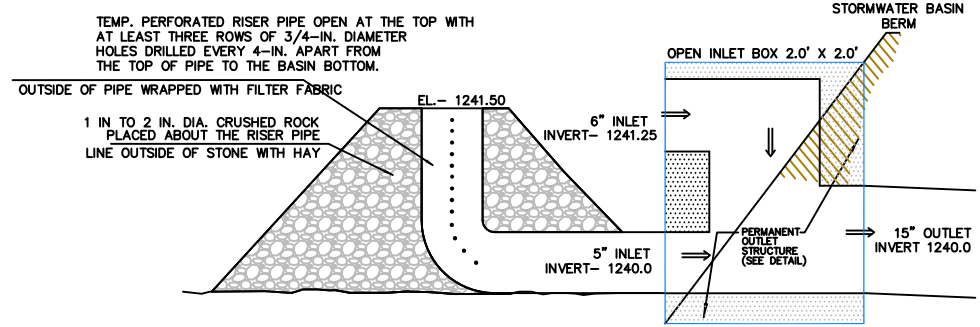
WOODBURY CONNECTICUT

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

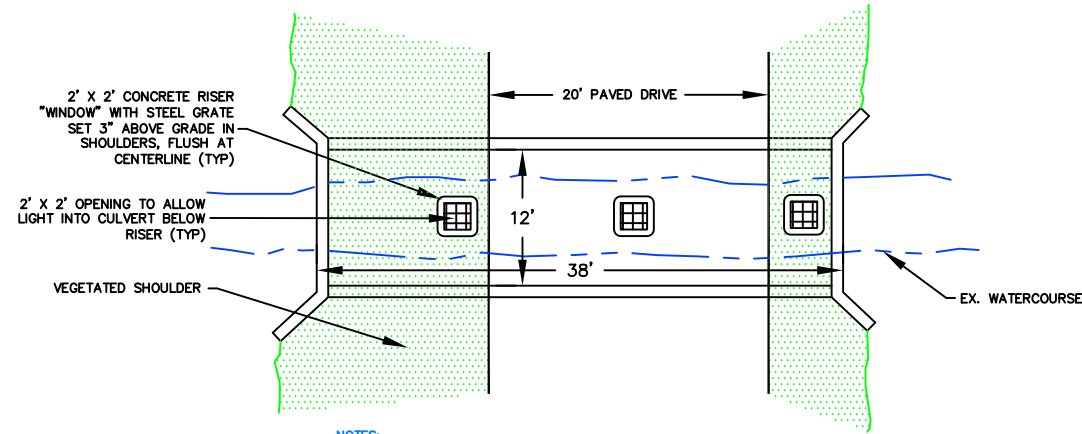
SCALE:	AS NOTED
DATE:	23 SEP 11
PROJ. NO.:	3093
CADD FILE NAME:	3093
DRAWING NO.:	C-604



**TEMPORARY OUTLET PIPE FOR SEDIMENT CONTAINMENT  
STORMWATER POND 1**  
*N.T.S.*

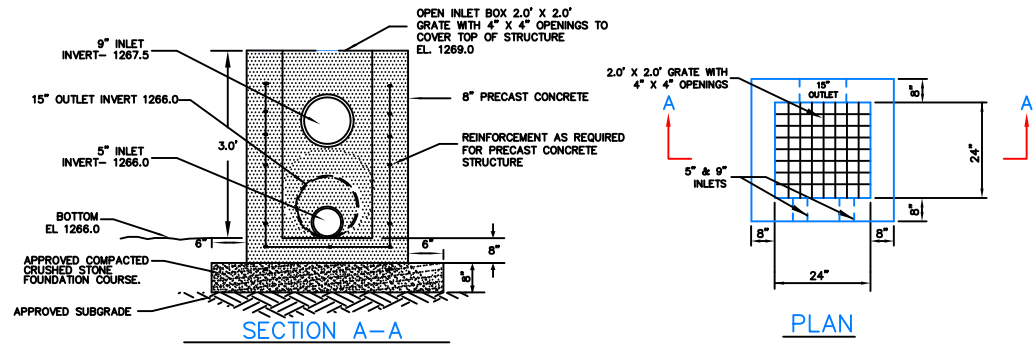


**TEMPORARY OUTLET PIPE FOR SEDIMENT CONTAINMENT  
STORMWATER POND 2**  
*N.T.S.*

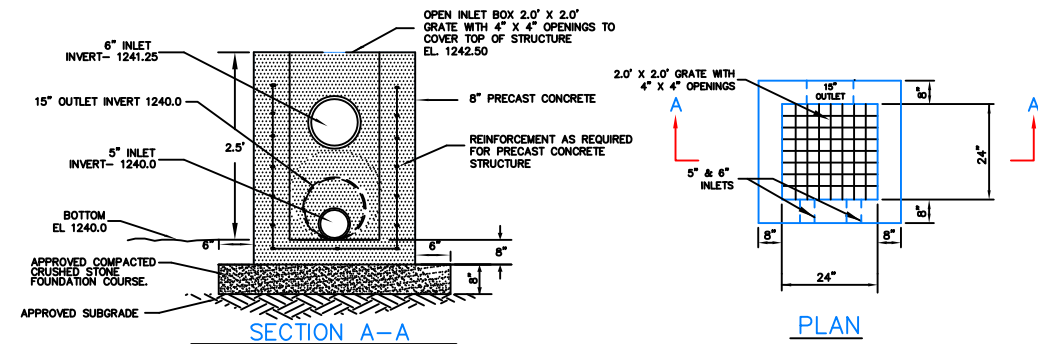


- NOTES:**
1. STRUCTURE TO BE MANUFACTURED BY CONTECH CONSPAN BRIDGE SYSTEMS OR APPROVED EQUAL.
  2. STRUCTURE TO BE DESIGNED TO HAVE MINIMUM OF 1' OF COVER AND MAXIMUM OF 9.0' OF COVER.
  3. STRUCTURE IS TO BE DESIGNED TO HANDLE HS 20 LIVE LOADS AS WELL AS CRAWLER CRANE LOADS.
  4. SHOP DRAWINGS TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
  5. DRIVEWAY TO BE PAVED FROM STATION 6+50 TO 9+00 TO ACCOMMODATE FENESTRATION CULVERT.

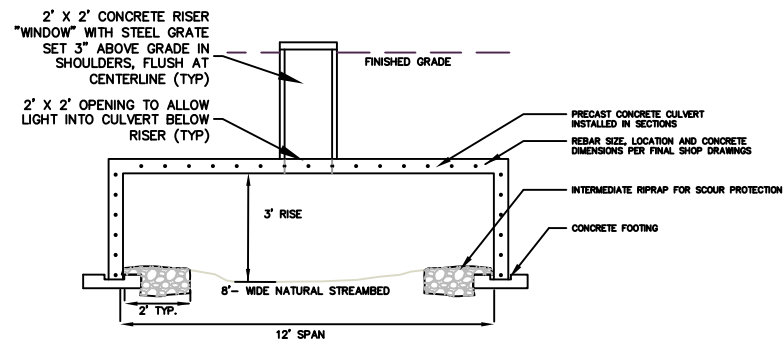
**PRECAST CONCRETE CULVERT**  
*PLAN VIEW*  
*N.T.S.*



**STORMWATER POND 1 OUTLET CONTROL STRUCTURE**  
*N.T.S.*

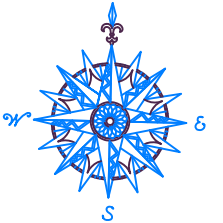


**STORMWATER POND 2 OUTLET CONTROL STRUCTURE**  
*N.T.S.*



- NOTES:**
1. STRUCTURE TO BE MANUFACTURED BY CONTECH CONSPAN BRIDGE SYSTEMS OR APPROVED EQUAL.
  2. STRUCTURE TO BE DESIGNED TO HAVE MINIMUM OF 1' OF COVER AND MAXIMUM OF 9.0' OF COVER.
  3. STRUCTURE IS TO BE DESIGNED TO HANDLE HS 20 LIVE LOADS AS WELL AS CRAWLER CRANE LOADS.
  4. SHOP DRAWINGS TO BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
  5. DRIVEWAY TO BE PAVED FROM STATION 6+50 TO 9+00 TO ACCOMMODATE FENESTRATION CULVERT.

**PRECAST CONCRETE CULVERT**  
*CROSS SECTION*  
*N.T.S.*



NO.	REVISION	DATE

*Previous Editions Obsolete*

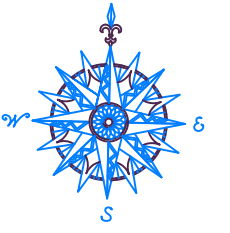
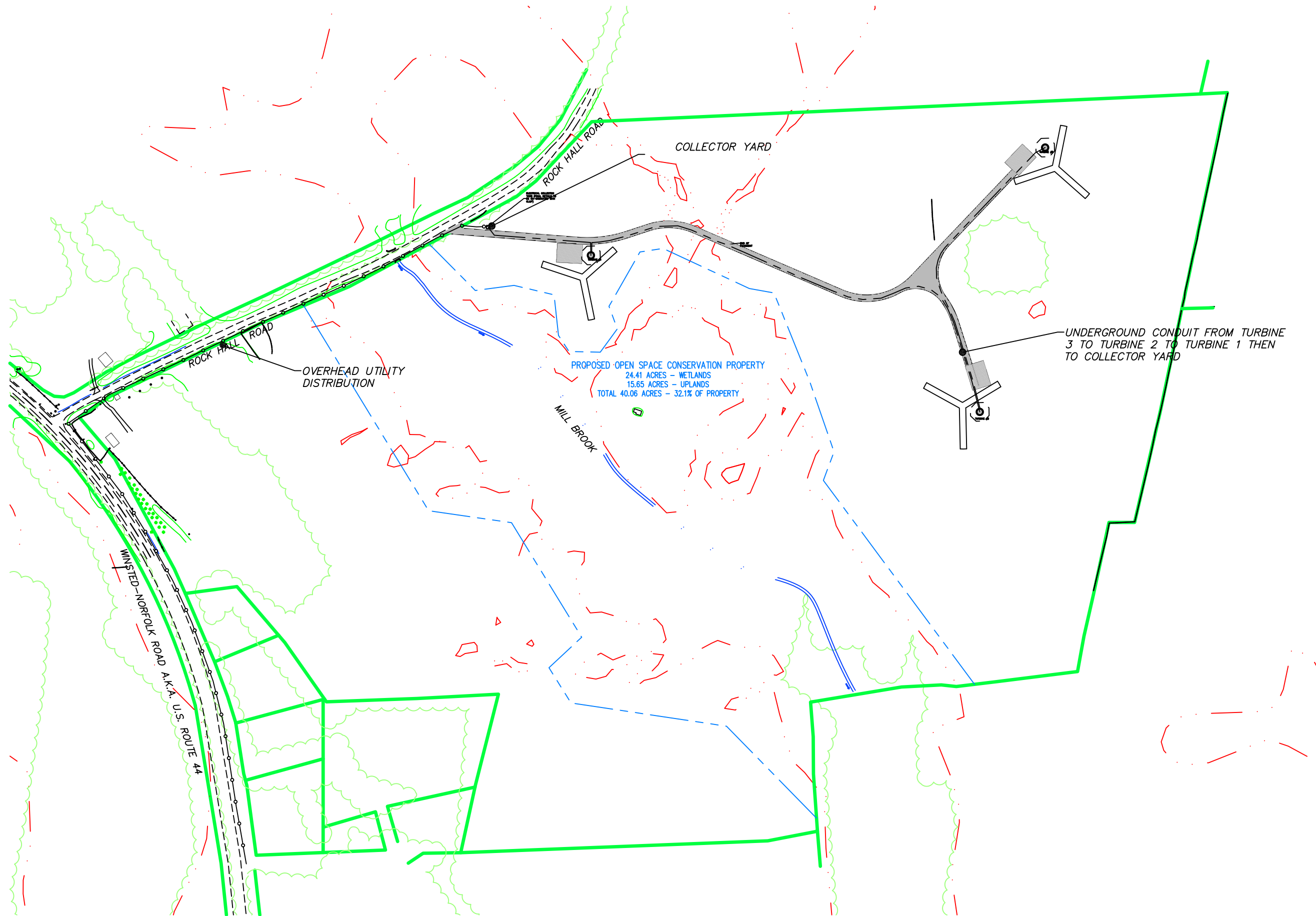
BNE ENERGY, INC.  
29 SOUTH MAIN STREET  
TOWN CENTER SUITE 200  
WEST HARTFORD, CT 06107

DETAILS

WIND COLEBROOK NORTH  
ROCK HALL ROAD  
COLEBROOK CONNECTICUT

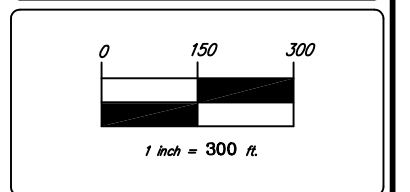
**CIVIL** **C1**  
CORNERSTONE PROFESSIONAL PARK, SUITE D-101  
43 SHERMAN HILL ROAD  
WOODBURY (203) 266-0778 CONNECTICUT

DESIGNED BY	BB	APPROVED BY	CJ
SCALE	AS NOTED		
DATE	23 SEP 11		
PROJ. NO.	3093		
DWG. FILE NAME	3093		
DRAWING NO.	C-605		



NO.	REVISION	DATE

*Previous Editions Obsolete*



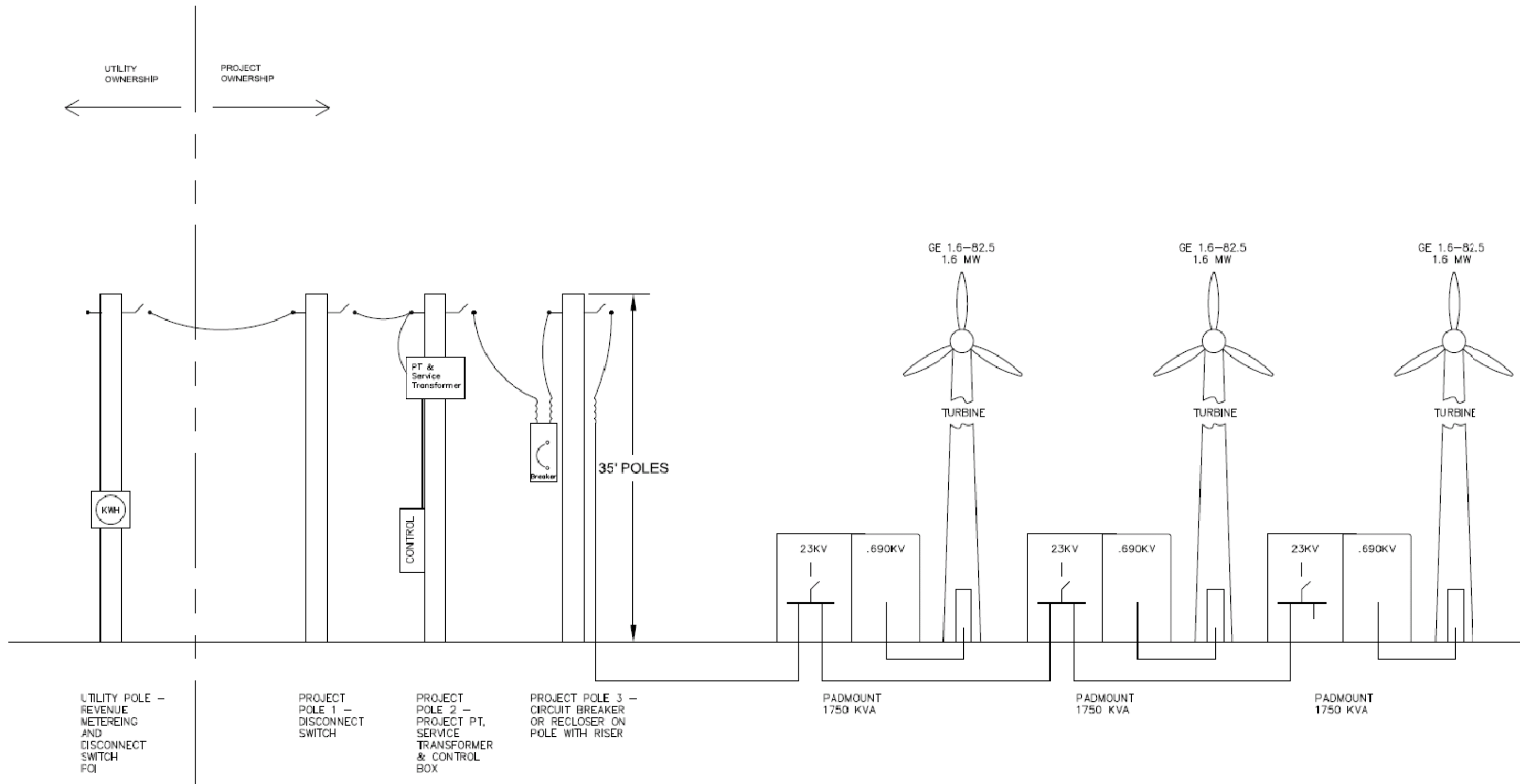
**BNE ENERGY, INC.**  
 29 SOUTH MAIN STREET  
 TOWN CENTER SUITE 200  
 WEST HARTFORD, CT 06107

**ELECTRICAL - SITE PLAN**

**WIND COLEBROOK  
 NORTH**  
 ROCK HALL ROAD  
 COLEBROOK CONNECTICUT

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

DRAWN BY: BB	APPROVED BY: CJ
SCALE: 1" = 300'	DATE: 23 SEP 11
PROJECT NO.: 3093	CADD FILE NAME: 3093
DRAWING NO.:	<b>E-101</b>



**EPE** ELECTRIC POWER ENGINEERS, INC.  
 Registration # 3386  
 9433 Bee Cave Rd, STE 3-210  
 Austin, TX 78733  
 Office: (5142) 382-6700 ext 301  
 Fax: (866) 379-3635  
 Email: hballouz@epeconsulting.com



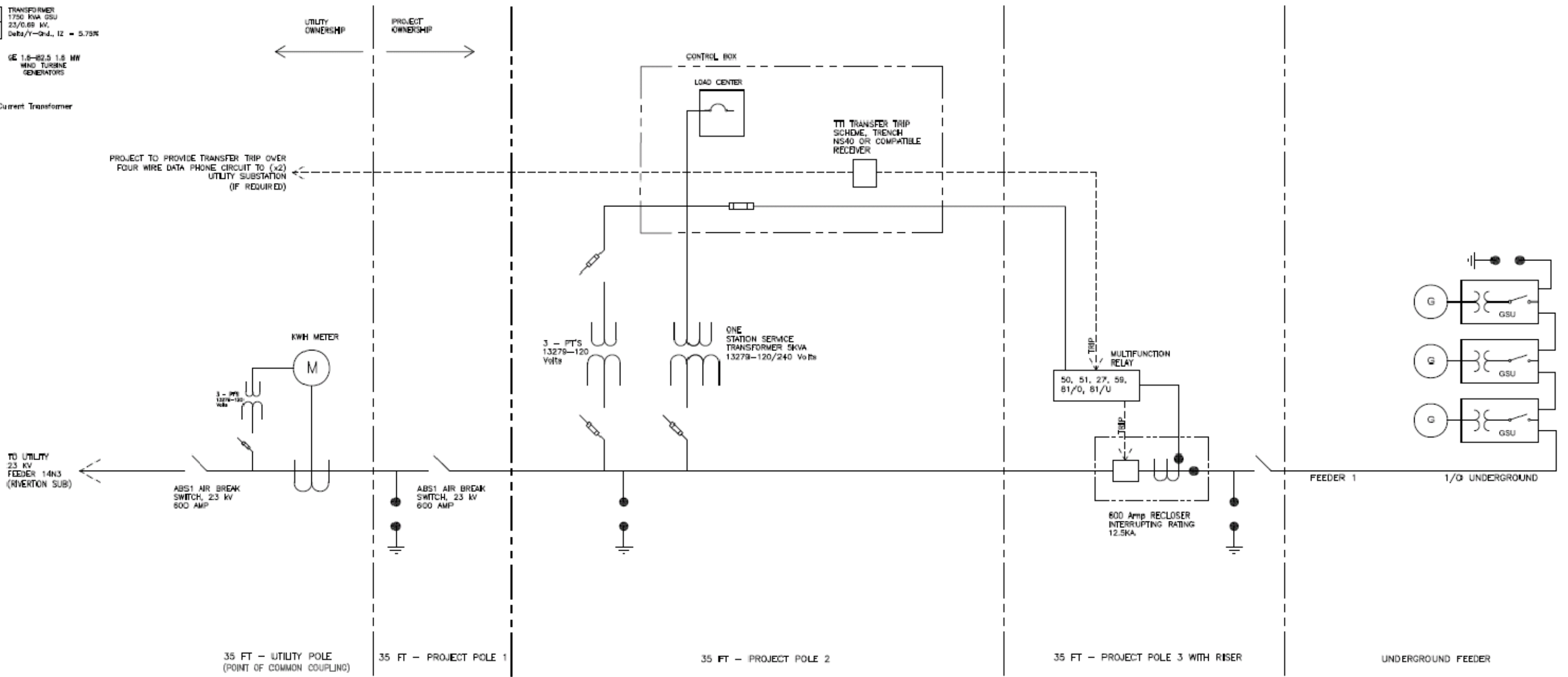
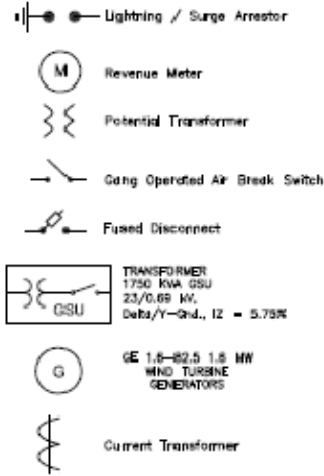
"The seal appearing on this document was authorized by Hala N. Ballouz, P.E. 80999, on September 23 2011."

DATE	REVISIONS

**WINDCOLEBROOK NORTH**  
**RISER DIAGRAM**  
 BNE Energy

**E-201**

**LEGEND**



**EPE** ELECTRIC POWER ENGINEERS, INC.  
 Registration # 3386  
 9433 Bee Cave Rd, STE 3-210  
 Austin, TX 78733  
 Office: (5142) 382-6700 ext 301  
 Fax: (866) 379-3635  
 Email: contact@epeconsulting.com



"The seal appearing on this document was authorized by Hala N. Ballouz, P.E. 80999, on September 23, 2011."

DATE	REVISIONS

**WINDCOLEBROOK NORTH**

ONE-LINE DIAGRAM  
 BNE Energy

**E-202**

**EPE** ELECTRIC POWER ENGINEERS, INC.

AUSTIN, TEXAS