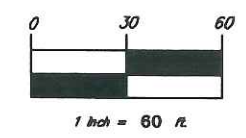


NO.	REVISION	DATE



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

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

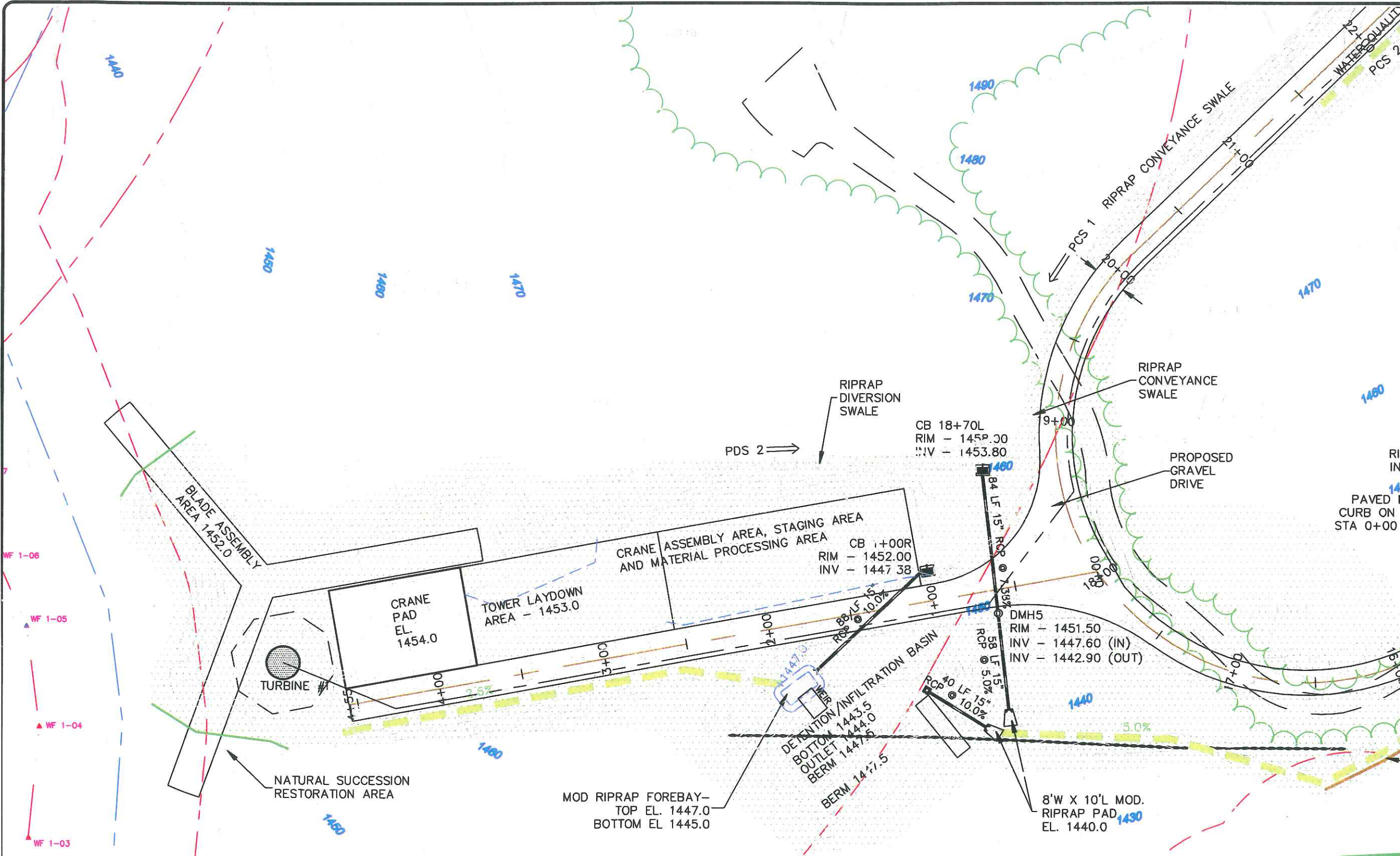
**WIND COLEBROOK
SOUTH
FLAGG HILL ROAD**



CORRESPONDENCE PROFESSIONAL PARK, SUITE D-401
48 SHAWMUT HILL ROAD
WEST HARTFORD, CT 06107
PHONE: 860-234-0770

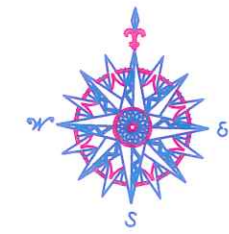
DATE	20 AUG 11
SCALE	1" = 60'
TITLE	C504
PROJECT	WIND COLEBROOK SOUTH
CLIENT	BNE ENERGY, INC.

C504

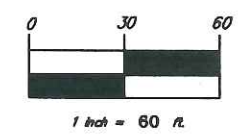


LEGEND

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



NO.	REVISION	DATE



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

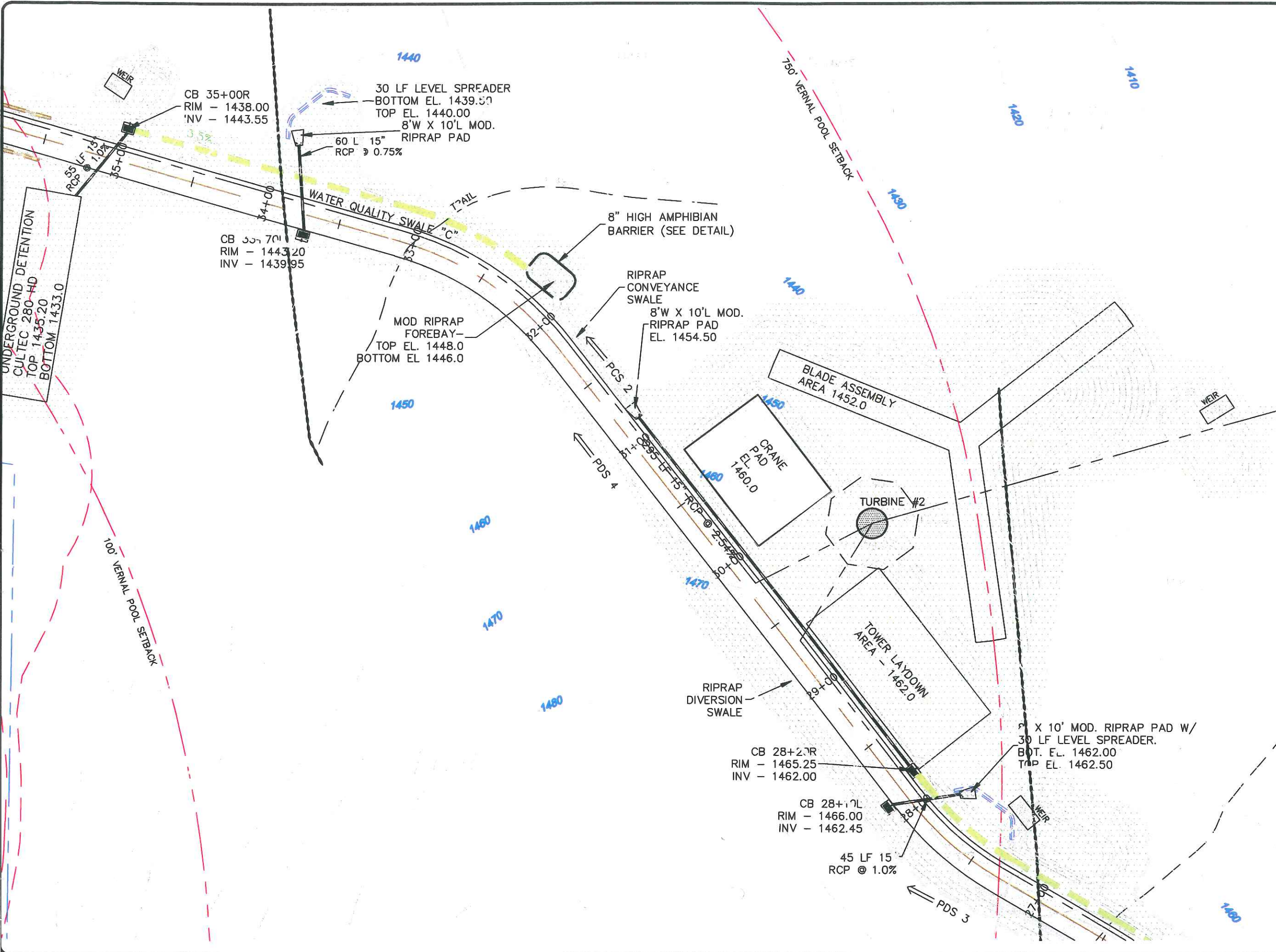
**POST CONSTRUCTION
 GRADING PLAN
 TURBINE TWO AND
 ACCESS DRIVE STA.
 26+50 TO 35+50**

**WIND COLEBROOK
 SOUTH
 FLAGG HILL ROAD**



CONVENTSONE PROFESSIONAL PARK, SUITE D-402
 40 SHERMAN HILL ROAD
 COLEBROOK, CT 06108
 (860) 230-0770

DATE	APPROVED BY
SCALE: 1" = 60'	
DATE: 28 AUG 11	
PROJECT NO: 3008	
ISSUE NO: 3008	
ISSUE DATE: 3008	
C505	



CB 35+00R
 RIM - 1438.00
 'NV - 1443.55

30 LF LEVEL SPREADER
 BOTTOM EL. 1439.50
 TOP EL. 1440.00
 8'W X 10'L MOD.

60 L 15" RIPRAP PAD
 RCP @ 0.75%

CB 33+70L
 RIM - 1443.20
 INV - 1439.95

MOD RIPRAP FOREBAY
 TOP EL. 1448.0
 BOTTOM EL. 1446.0

8" HIGH AMPHIBIAN BARRIER (SEE DETAIL)

RIPRAP CONVEYANCE SWALE
 8'W X 10'L MOD.
 RIPRAP PAD
 EL. 1454.50

BLADE ASSEMBLY AREA 1452.0

CRANE PAD
 EL. 1460.0

TURBINE #2

TOWER LAYDOWN AREA - 1462.0

RIPRAP DIVERSION SWALE

CB 28+27R
 RIM - 1465.25
 INV - 1462.00

CB 28+17L
 RIM - 1466.00
 INV - 1462.45

45 LF 15" RCP @ 1.0%

8' X 10' MOD. RIPRAP PAD W/
 30 LF LEVEL SPREADER.
 BOT. EL. 1462.00
 TOP EL. 1462.50

UNDERGROUND DETENTION
 CULTEC 280-HD
 TOP 1435.20
 BOTTOM 1433.0

100' VERNAL POOL SETBACK

75' VERNAL POOL SETBACK

PDS 4

PDS 3

1450

1470

1480

1450

1440

1440

1450

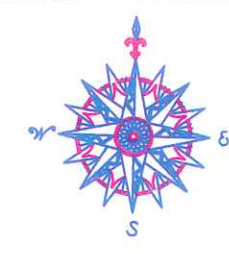
1470

1480

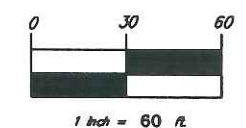
1420

1410

1480



NO.	REVISION	DATE



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

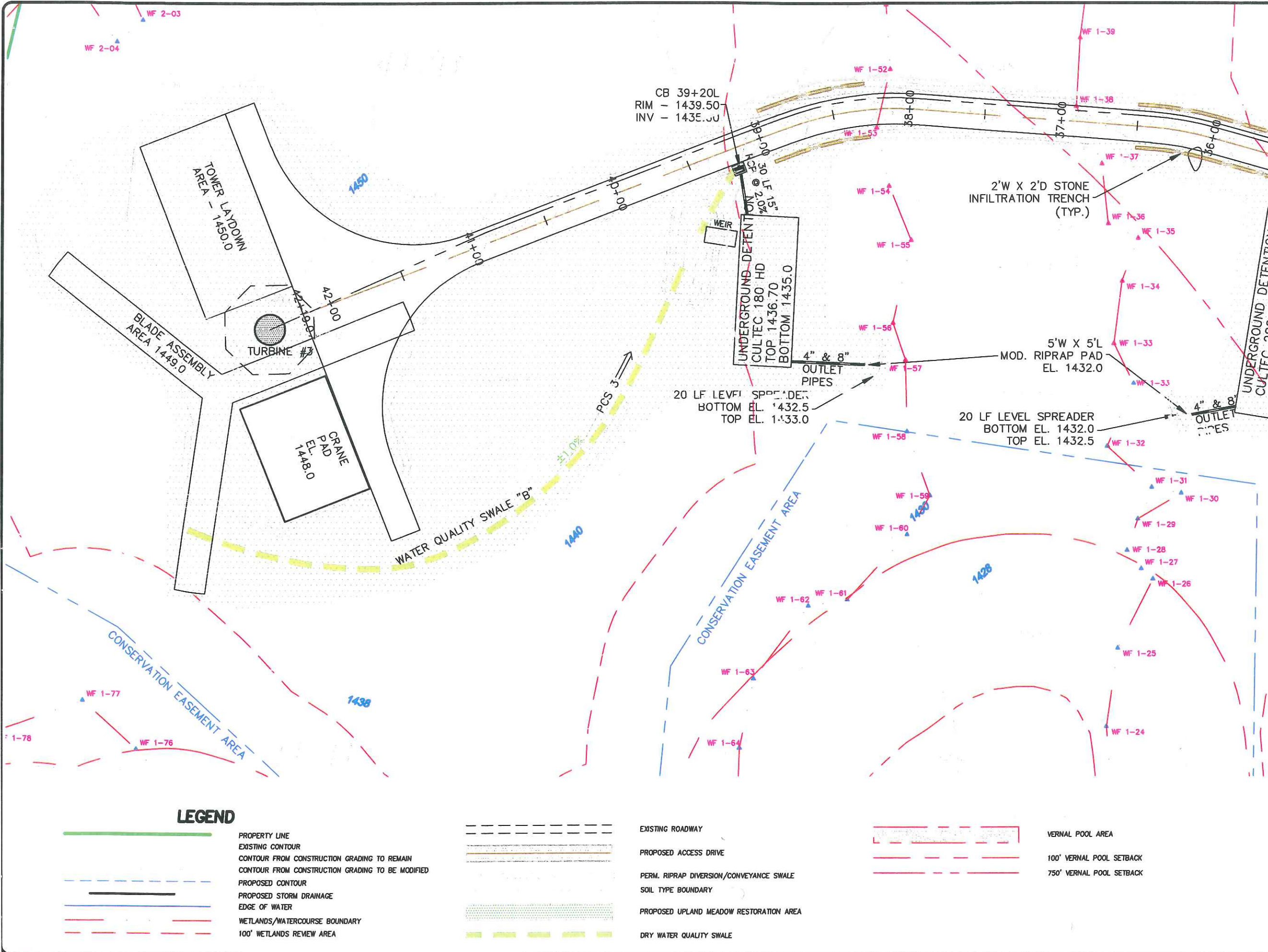
**POST CONSTRUCTION
 GRADING PLAN
 TURBINE THREE AND
 ACCESS DRIVE STA.
 35+50 TO 42+19**

**WIND COLEBROOK
 SOUTH
 FLAGG HILL ROAD**



CORPORATE PROFESSIONAL PARK, SUITE 0-001
 40 SHAWAN HILL ROAD
 WEST HARTFORD, CT 06110
 (860) 230-0770

DATE	20 AUG 11
SCALE	1" = 60'
PROJECT NO.	C506
DATE PLOTTED	3088
DATE PRINTED	3088
PROJECT NO.	C506



CB 39+20L
 RIM - 1439.50
 INV - 1435.00

WEIR
 UNDERGROUND DETENTION
 CULTEC 180 HD
 TOP 1436.70
 BOTTOM 1435.0

2'W X 2'D STONE
 INFILTRATION TRENCH
 (TYP.)

5'W X 5'L
 MOD. RIPRAP PAD
 EL. 1432.0

20 LF LEVEL SPREADER
 BOTTOM EL. 1432.5
 TOP EL. 1433.0

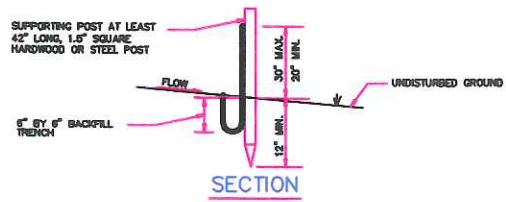
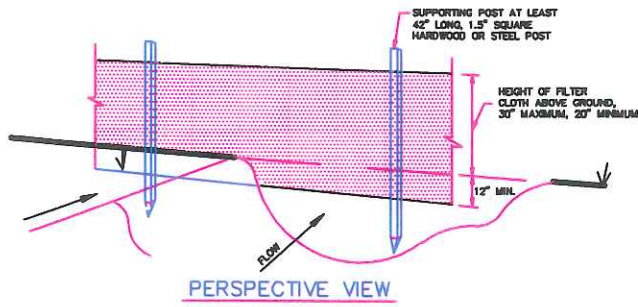
20 LF LEVEL SPREADER
 BOTTOM EL. 1432.0
 TOP EL. 1432.5

LEGEND

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

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

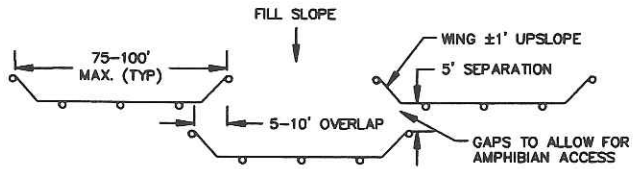
- VERNAL POOL AREA
- 100' VERNAL POOL SETBACK
- 750' VERNAL POOL SETBACK



CONSTRUCTION NOTES FOR SILT FENCE

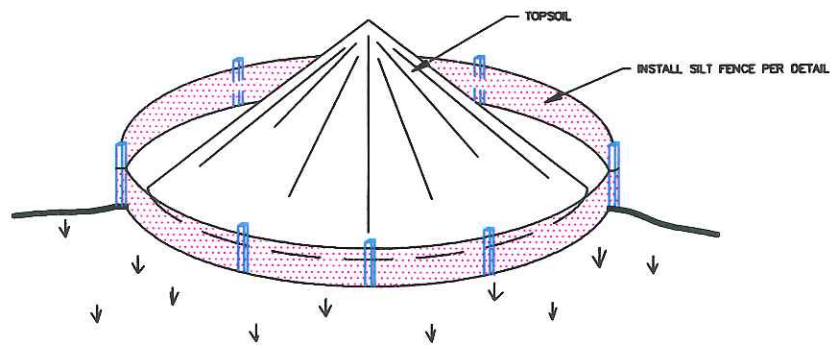
1. EXCAVATE A TRENCH A MINIMUM OF 8 INCHES DEEP AND 8 INCHES WIDE ON THE UP-SIDE OF THE FENCE LOCATION.
 2. DRIVE SUPPORT POSTS ON THE DOWN-SLOPE SIDE OF THE TRENCH TO A DEPTH OF AT LEAST 12 INCHES INTO ORIGINAL GROUND.
 3. STAPLE OR SECURE THE GEOTEXTILE TO THE SUPPORT POSTS PER MANUFACTURER'S INSTRUCTIONS SUCH THAT AT LEAST 6 INCHES OF GEOTEXTILE LIES WITHIN THE TRENCH.
 4. BACKFILL THE TRENCH WITH TAMPED SOIL OR AGGREGATE OVER THE GEOTEXTILE.
- POSTS: 1.5" SQUARE HARDWOOD OR STEEL
- FILTER CLOTH: MIRAF 100L ENVIRONMENT OR APPROVED EQUAL

SILT FENCE DETAIL



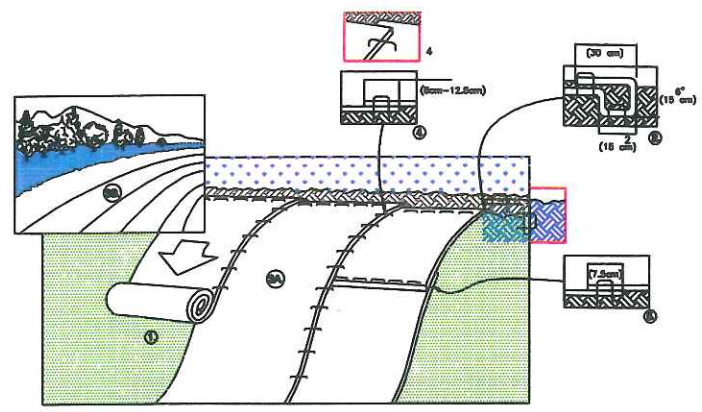
SYNCOPATED SILT FENCE INSTALLATION

FOR AREAS WITHIN 750' OF A VERNAL POOL



- STOCKPILE MANAGEMENT PER 2002 CT GUIDELINES FOR E & S CONTROL:**
1. LOCATE STOCKPILE SO THAT NATURAL DRAINAGE IS NOT OBSTRUCTED.
 2. DIVERT RUNOFF WATER AWAY FROM OR AROUND THE STOCKPILE.
 3. INSTALL A GEOTEXTILE SILT FENCE OR HAY BALE BARRIER AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM PROPOSED TOE OF THE SLOPE.
 4. THE SIDE SLOPES OF STOCKPILED MATERIAL SHOULD BE NO STEEPER THAN 2:1.
 5. STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS NEED TO BE SEED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE.
 6. AFTER STOCKPILE HAS BEEN REMOVED, THE SITE SHOULD BE GRADED AND PERMANENTLY STABILIZED.

TEMPORARY TOPSOIL STOCKPILE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. SEED 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"-5" (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 SPLICED 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.

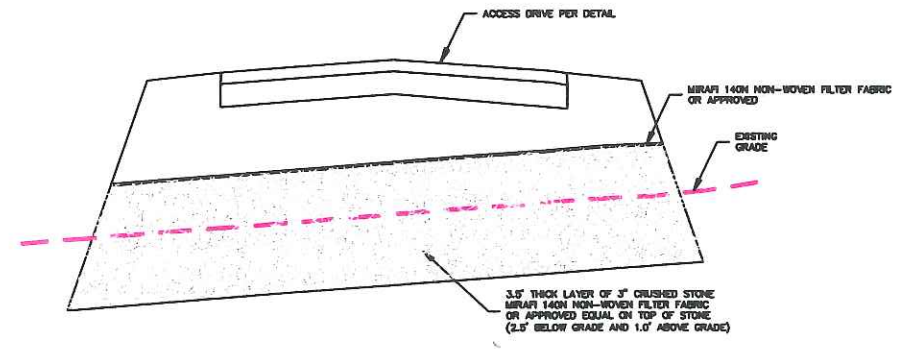
EROSION CONTROL BLANKETS

- 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.

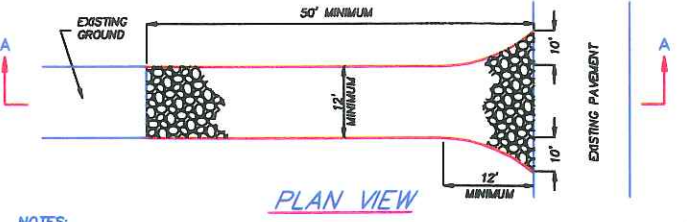
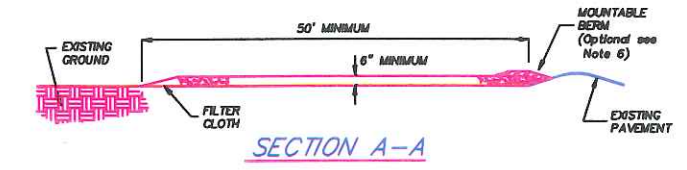
CRITICAL POINTS
 A. OVERLAPS AND SEAMS
 B. PROJECTED WATER LINE
 C. CHANNEL BOTTOM/SIDE SLOPE VERTICES

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

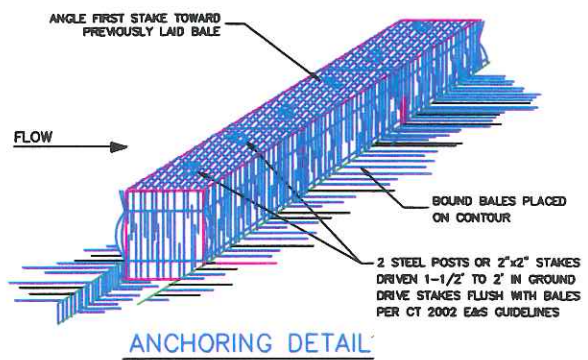
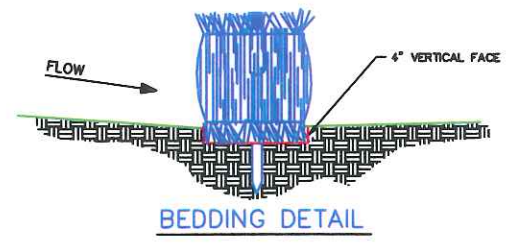


SEEPAGE ENVELOPE DETAIL



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

STABILIZED CONSTRUCTION ENTRANCE



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

STAKED HAY BALE BARRIER

NO.	REVISION	DATE

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

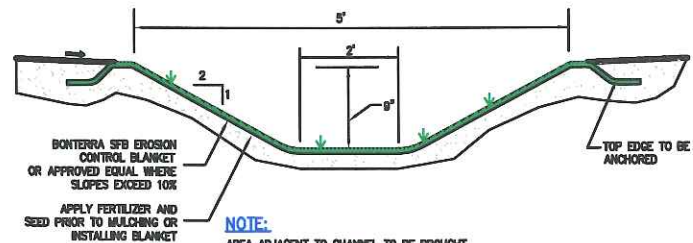
DETAILS

WIND COLEBROOK SOUTH
 FLAGG HILL ROAD

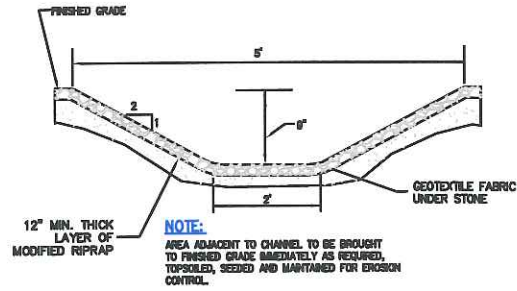
CIVIL C1
 CONSTRUCTION PROFESSIONAL FIRM, SUITE D-002
 40 BURNING HILL ROAD
 WESTBURY, CONNECTICUT 06096-5778

DATE:	30 AUG 11
SCALE:	N.T.S.
DATE PREPARED:	5/09
DATE PLOTTED:	5/09
DATE CHECKED:	5/09
DATE REVISION:	5/09

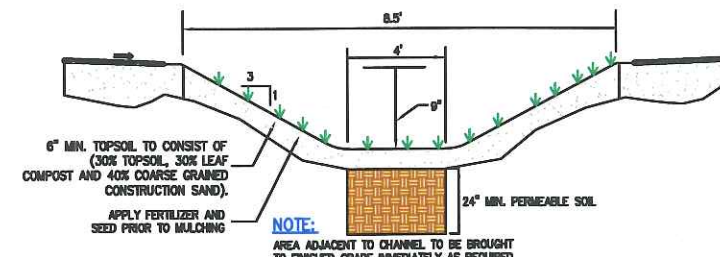
C601



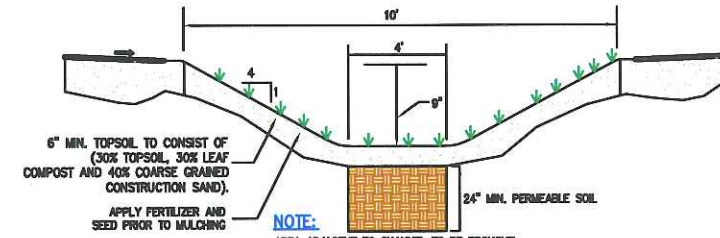
TEMPORARY DIVERSION SWALE
N.T.S.



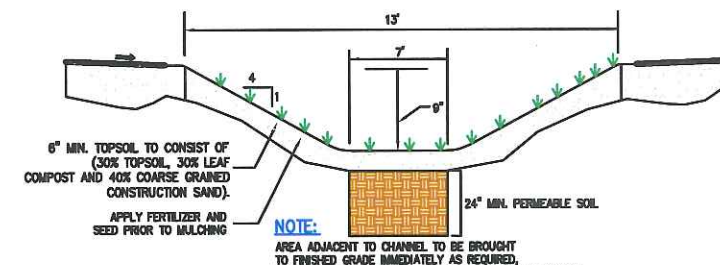
RIPRAP DIVERSION/CONVEYANCE SWALE
N.T.S.



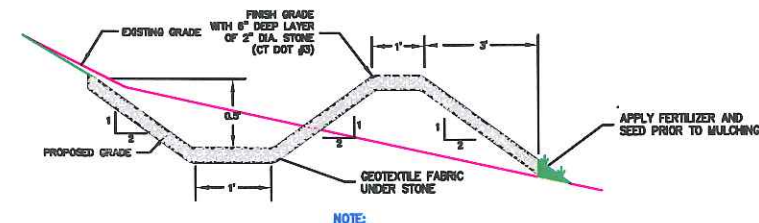
DRY WATER QUALITY SWALE A
N.T.S.



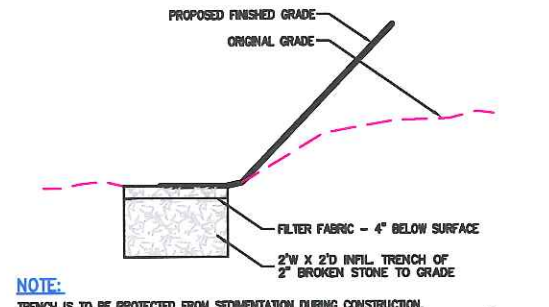
DRY WATER QUALITY SWALE B
N.T.S.



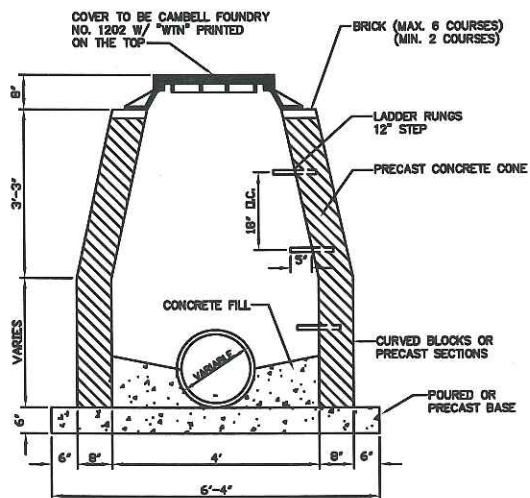
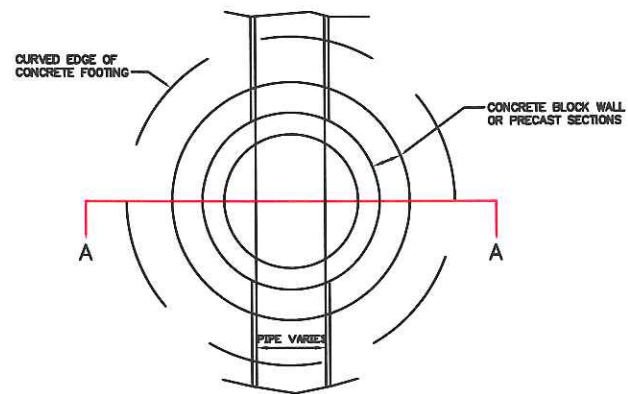
DRY WATER QUALITY SWALE C
N.T.S.



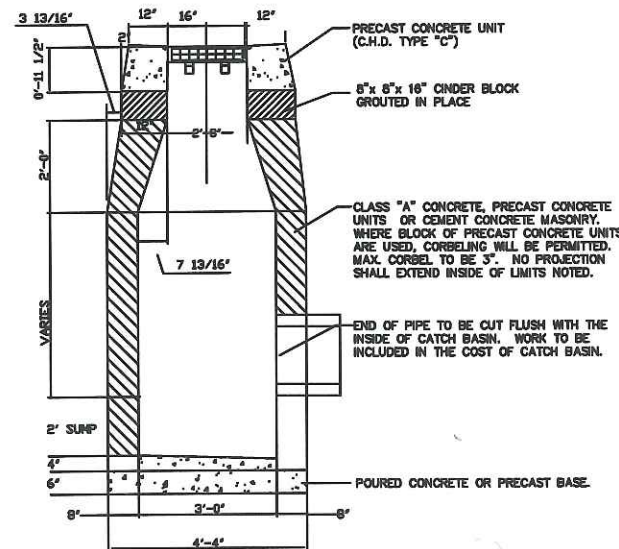
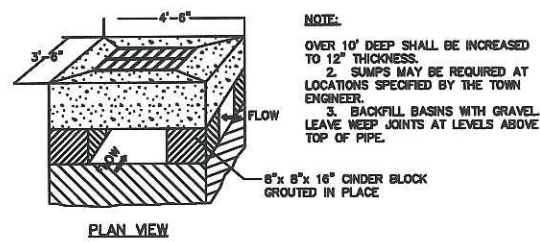
LEVEL SPREADER DETAIL
N.T.S.



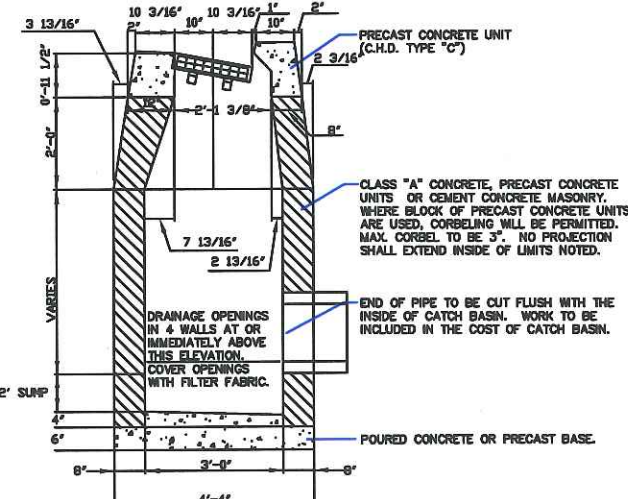
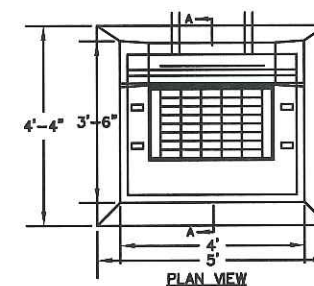
STONE INFILTRATION TRENCH
N.T.S.



DRAINAGE MANHOLE
without sump



STANDARD TYPE \"CL\" CATCH BASIN



STANDARD TYPE \"C\" CATCH BASIN

NO.	REVISION	DATE

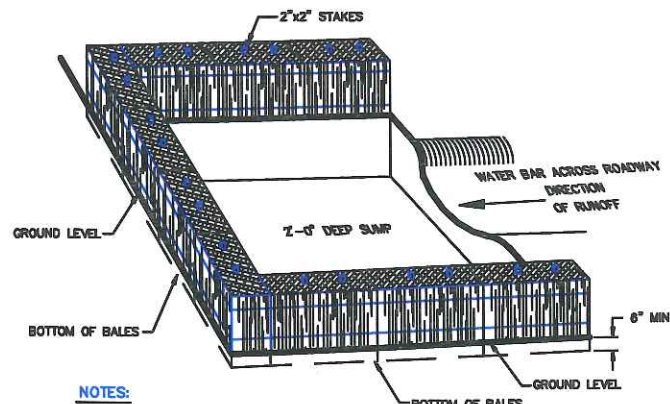
BNE ENERGY, INC.
29 SOUTH MAIN STREET
TOWN CENTER SUITE 200
WEST HARTFORD, CT 06107

DETAILS

WIND COLEBROOK SOUTH
FLAGG HILL ROAD
COLEBROOK CONNECTICUT

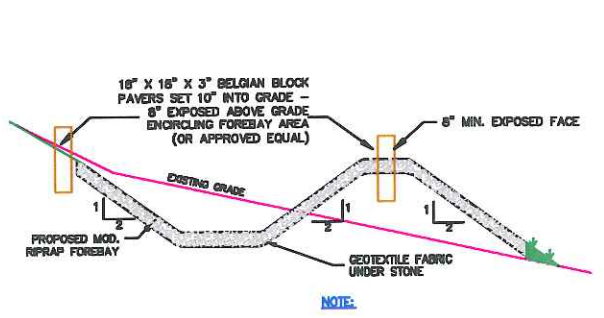
CIVIL C1
CORNERSTONE PROFESSIONAL PARK, SUITE D-101
43 SHERMAN HILL ROAD
WOODBURY (203) 266-0776 CONNECTICUT

DESIGNER: BB	APPROVED: CJ
SCALE: N.T.S.	DATE: 26 AUG 11
PANEL NO.: 3092	PROJECT NO.: 3092
CADD FILE NAME: 3092	
C602	



NOTES:
 1. ALL BALES ARE TO BE TIGHTLY BUTTED TOGETHER.
 2. BALES SHALL BE EITHER STRAW OR HAY.
 3. PROVIDE FREQUENT INSPECTION AND MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AND REPLACE CLOGGED BALES TO RESTORE EFFECTIVENESS OF INSTALLATION.

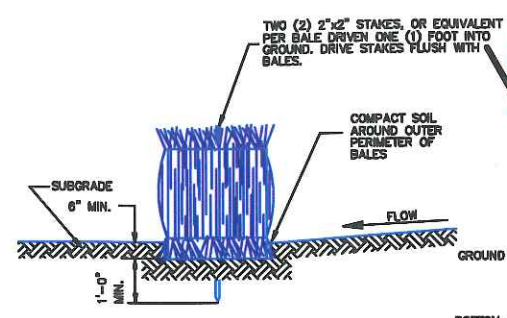
WATER BAR WITH HAY BALE TRAP



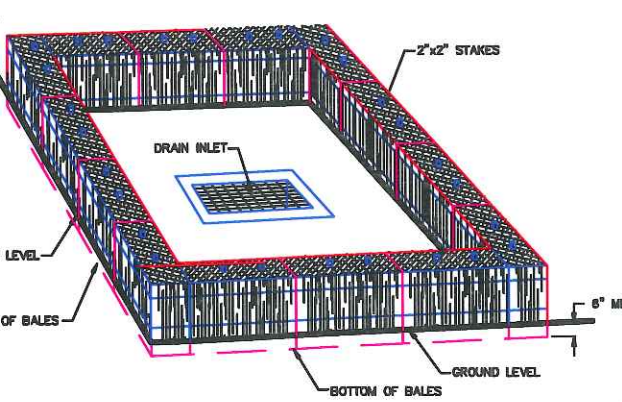
NOTE:

AMPHIBIAN BARRIER DETAIL

N.T.S.



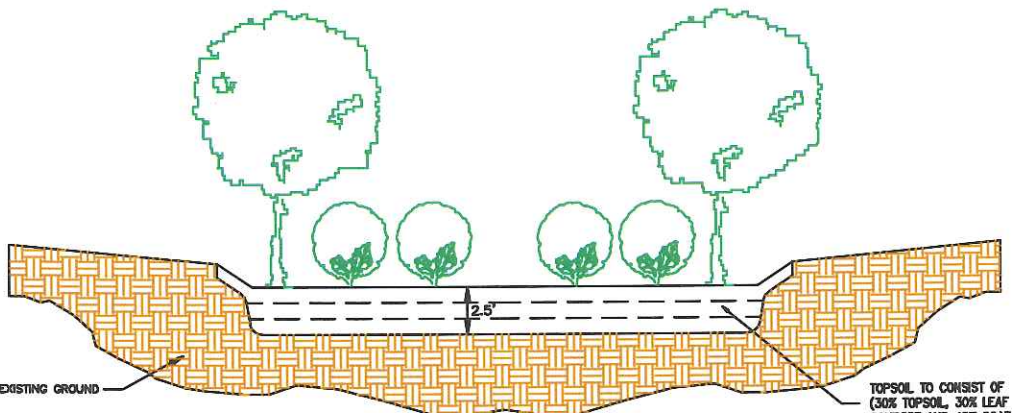
SECTION



PERSPECTIVE VIEW

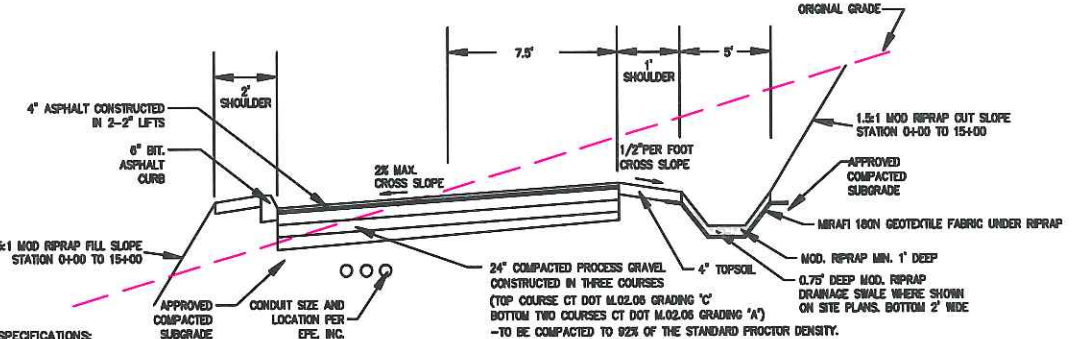
NOTES:
 1. ALL BALES ARE TO BE TIGHTLY BUTTED TOGETHER.
 2. BALES SHALL BE EITHER STRAW OR HAY.
 3. PROVIDE FREQUENT INSPECTION AND MAINTENANCE. REMOVE ACCUMULATED SEDIMENT AND REPLACE CLOGGED BALES TO RESTORE EFFECTIVENESS OF INSTALLATION.

BALED FILTER



BIORETENTION AREA SOIL LAYERING DETAIL

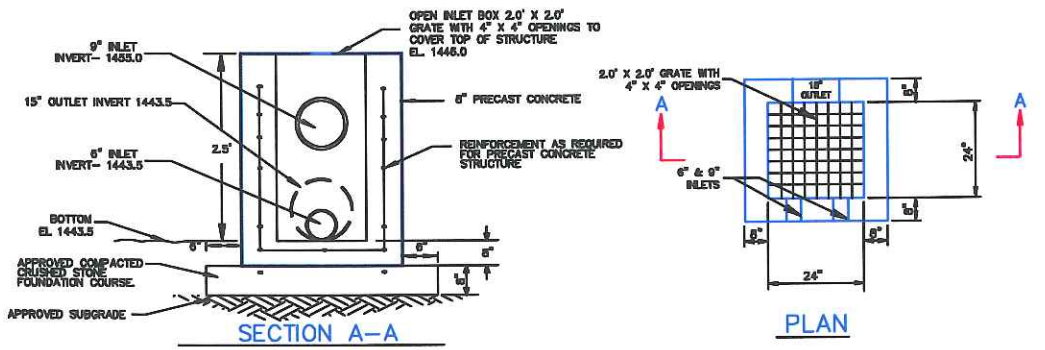
NOTES:
 -EXCAVATE RAIN GARDEN AREAS TO PROPOSED INVERT DEPTHS AND SCARIFY EXISTING SOIL SURFACES, TAKING CARE NOT TO COMPACT THE IN-SITU MATERIALS
 -PLACE TOPSOIL IN 6"-12" LIFTS. DO NOT COMPACT
 -LIFTS MAY BE LIGHTLY WATERED TO ENCOURAGE NATURAL COMPACTION
 -OVERFILL OF TOPSOIL IS REQUIRED TO ACCOMMODATE NATURAL SETTLEMENT TO PROPER GRADE



SUBGRADE FILL SPECIFICATIONS:
 1. Fill to be approved by the Engineer prior to placement. Material to consist of hard and durable particles or fragments and shall be free of frozen material, sod, brush, roots, stumps, organic matter and other objectionable materials.
 2. Subbase fill material shall be compacted to 90% of the standard proctor density until the required elevation is obtained.
 3. Subbase and fill specifications to be confirmed and modified as necessary after site analysis by geotechnical engineer. Access drive design must be able to accommodate all proposed construction vehicles including crawler crane.

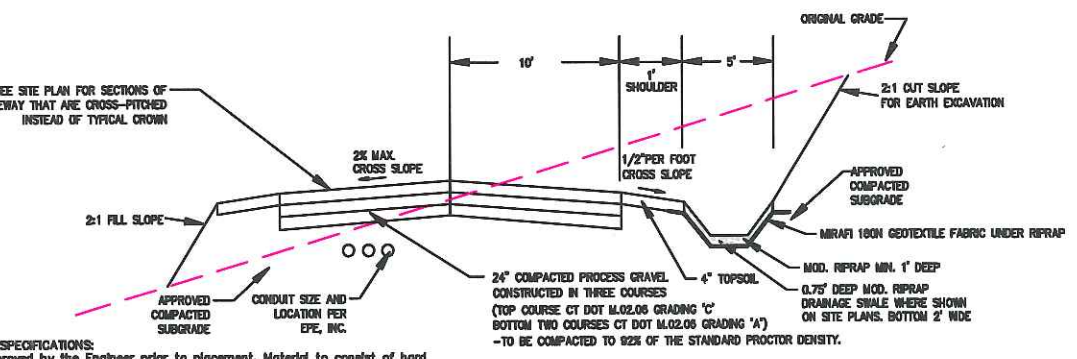
ACCESS DRIVE CROSS SECTION

PAVED AREAS
 N.T.S.



DETENTION/INFILTRATION BASIN OUTLET CONTROL STRUCTURE

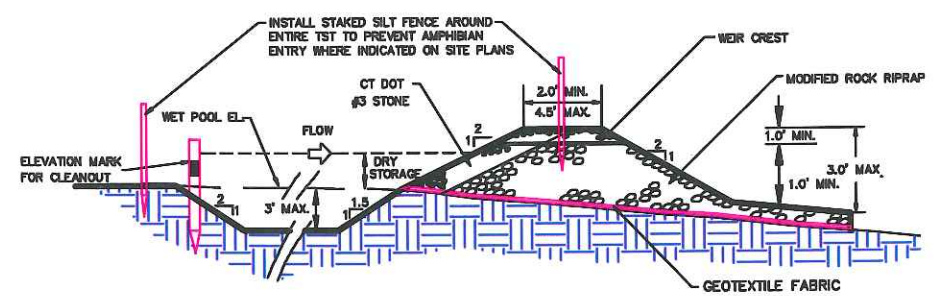
N.T.S.



SUBGRADE FILL SPECIFICATIONS:
 1. Fill to be approved by the Engineer prior to placement. Material to consist of hard and durable particles or fragments and shall be free of frozen material, sod, brush, roots, stumps, organic matter and other objectionable materials.
 2. Subbase fill material shall be compacted to 90% of the standard proctor density until the required elevation is obtained.
 3. Subbase and fill specifications to be confirmed and modified as necessary after site analysis by geotechnical engineer. Access drive design must be able to accommodate all proposed construction vehicles including crawler crane.

ACCESS DRIVE CROSS SECTION

UNPAVED AREAS
 N.T.S.



TEMPORARY SEDIMENT TRAP OUTLET

N.T.S.

NO.	REVISION	DATE

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

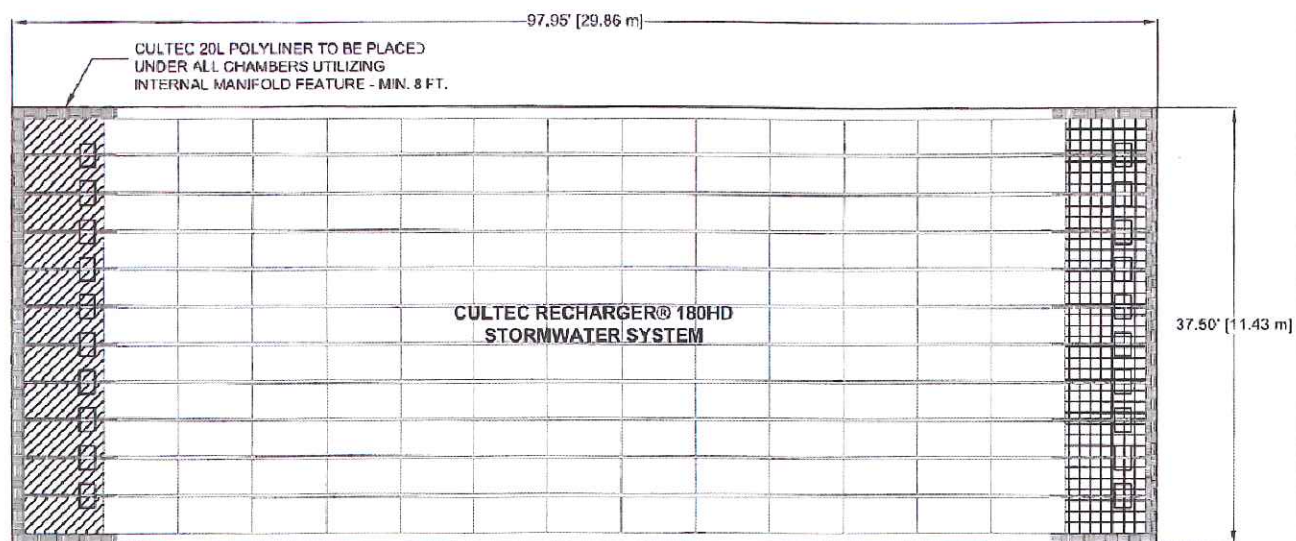
DETAILS

WIND COLEBROOK SOUTH
 FLAGG HILL ROAD



CONSULTING ENGINEERING FIRM, SOUTH D-562
 48 SHEPARD HILL ROAD
 WOODBRURY, CT 06798

DESIGNED BY	APPROVED BY
DATE	DATE
PROJECT NO.	PROJECT NO.
DRAWING NO.	DRAWING NO.
REVISION NO.	REVISION NO.
C603	



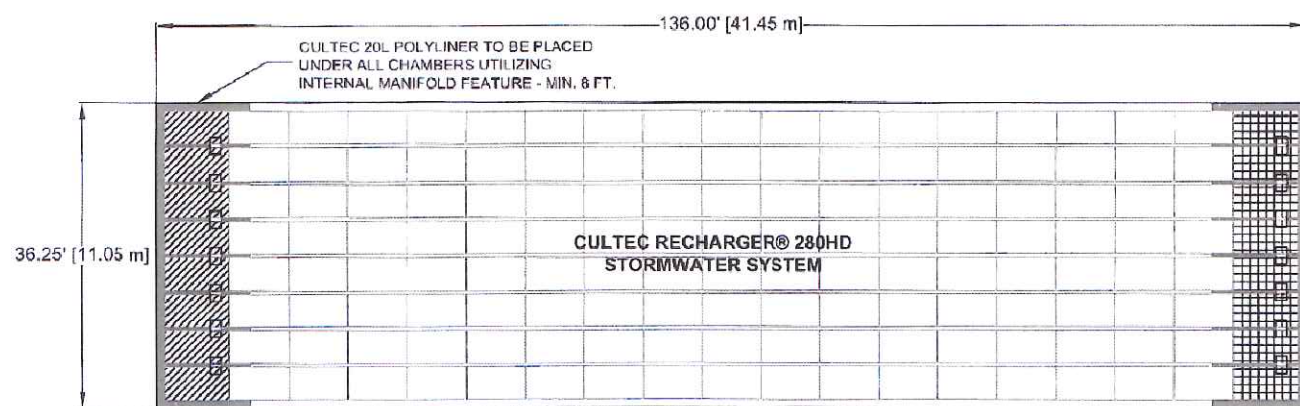
MATERIALS LIST		
RECHARGER 180HD STARTER	11	PIECES
RECHARGER 180HD INTERMEDIATE	142	PIECES
RECHARGER 180HD END	11	PIECES
H.V.L. FC-24 FEED CONNECTORS	20	PIECES
CULTEC NO. 20L FILTER FABRIC 7.5 x 30'	4	ROLLS
CULTEC NO. 20L POLYETHYLENE LINER	100	SQ. FEET
1.12-2 INCH DENSITE TRIPROPHEN STONE	291	CUBIC YARDS
VOLUME OF EXCAVATION	400	CUBIC YARDS

**CULTEC RECHARGER® 180HD
LEGEND**

- RECHARGER 180SHD STARTER
- RECHARGER 180HD INTERMEDIATE
- RECHARGER 180HD END
- H.V.L. FC-24 FEED CONNECTORS
- CULTEC NO. 20L POLYETHYLENE LINER

CULTEC STORMWATER MANAGEMENT SYSTEM

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



MATERIALS LIST		
RECHARGER 280HD STARTER	11	PIECES
RECHARGER 280HD INTERMEDIATE	126	PIECES
RECHARGER 280HD END	11	PIECES
H.V.L. FC-24 FEED CONNECTORS	20	PIECES
CULTEC NO. 20L FILTER FABRIC 7.5 x 30'	5	ROLLS
CULTEC NO. 20L POLYETHYLENE LINER	100	SQ. FEET
1.12-2 INCH DENSITE TRIPROPHEN STONE	244	CUBIC YARDS
VOLUME OF EXCAVATION	308	CUBIC YARDS

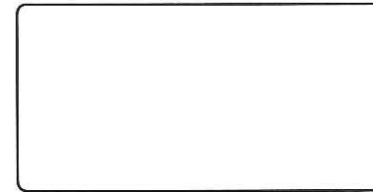
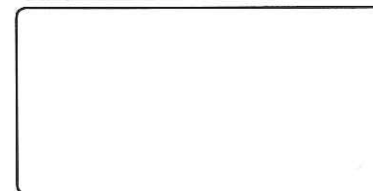
**CULTEC RECHARGER® 280HD
LEGEND**

- RECHARGER 280SHD STARTER
- RECHARGER 280HD INTERMEDIATE
- RECHARGER 280HD END
- H.V.L. FC-24 FEED CONNECTORS
- CULTEC NO. 20L POLYETHYLENE LINER

CULTEC STORMWATER MANAGEMENT SYSTEM

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

NO.	REVISION	DATE



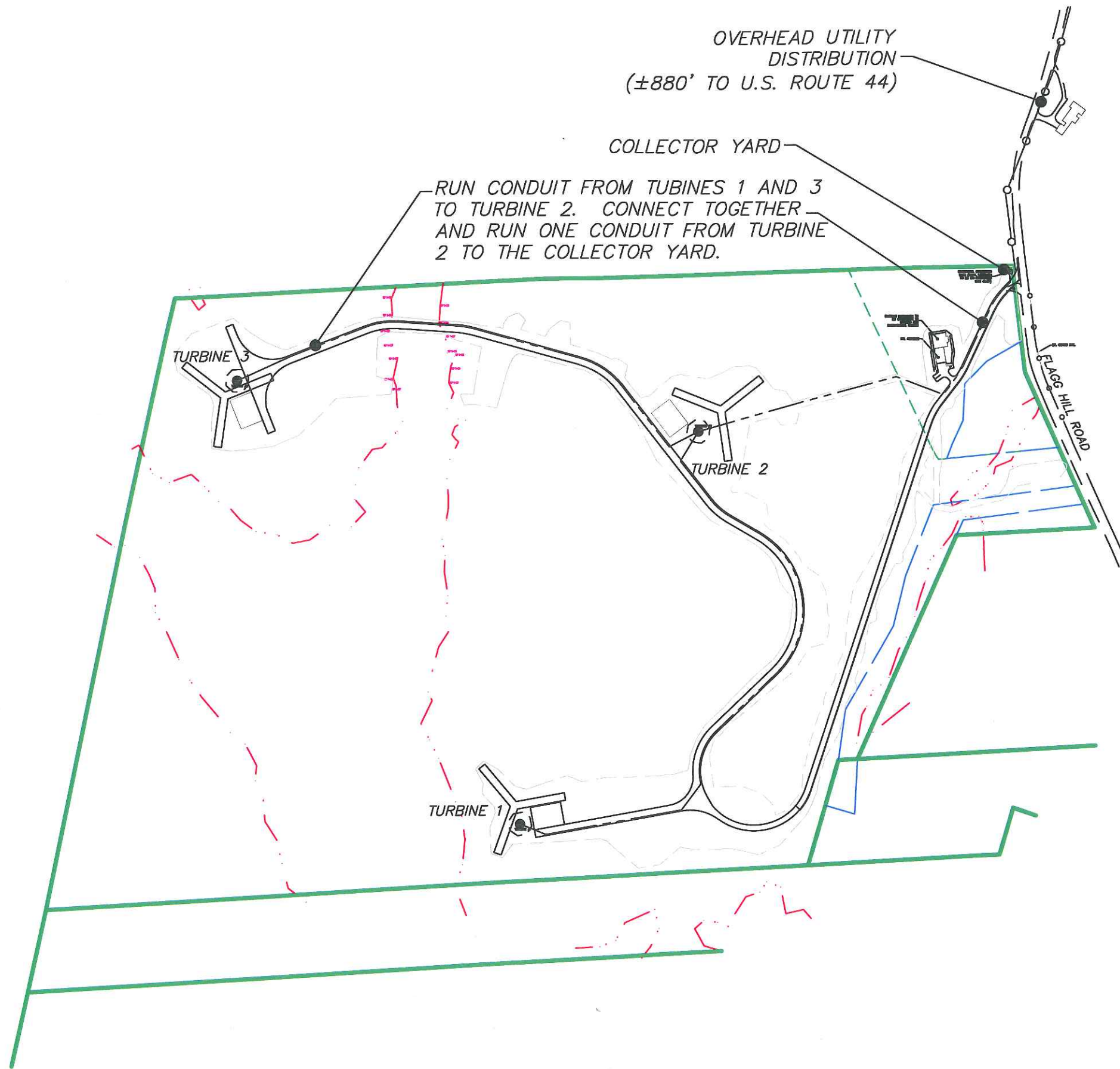
BNE ENERGY, INC.
29 SOUTH MAIN STREET
TOWN CENTER SUITE 200
WEST HARTFORD, CT 06107

DETAILS
CULTEC DETENTION BEDS

WIND COLEBROOK
SOUTH
FLAGG HILL ROAD
COLEBROOK CONNECTICUT

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

DESIGNED BY	BB	APPROVED BY	CJ
SCALE	N.T.S.		
DATE	26 AUG 11		
PROJECT NO.	3092		
CAD FILE NO.	3092		
DRAWING NO.	C604		



OVERHEAD UTILITY DISTRIBUTION
(±880' TO U.S. ROUTE 44)

COLLECTOR YARD

RUN CONDUIT FROM TUBINES 1 AND 3 TO TURBINE 2. CONNECT TOGETHER AND RUN ONE CONDUIT FROM TURBINE 2 TO THE COLLECTOR YARD.

TURBINE 3

TURBINE 2

TURBINE 1

FLAGG HILL ROAD

NO.	REVISION	DATE

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

ELECTRICAL SITE PLAN

WIND COLEBROOK SOUTH
FLAGG HILL ROAD

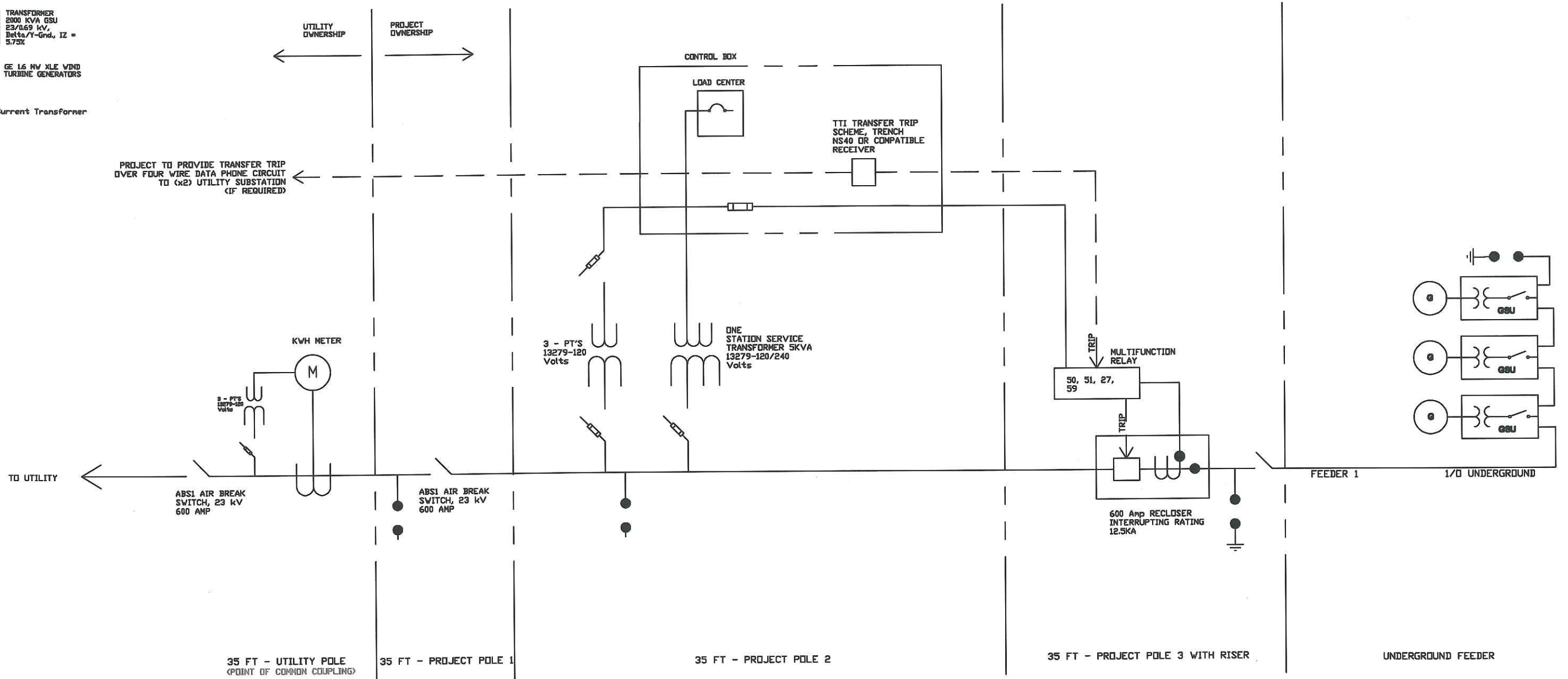
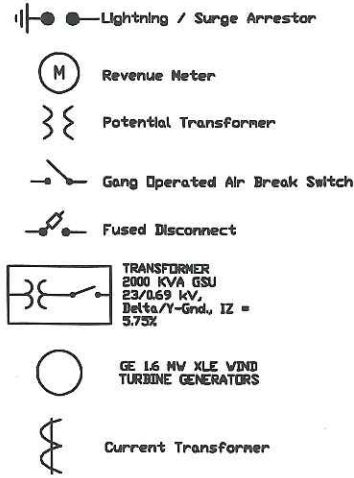
COLEBROOK CONNECTICUT

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

DESIGNER: BB	APPROVER: CJ
SCALE: 1" = 300'	
DATE: 26 AUG 11	
DRAWN BY: 3092	
CHECKED BY: 3092	
PROJECT NO.:	

E101

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 01, 2011."

DATE	REVISIONS

COLEBROOK SOUTH WIND
 BNE Energy

EPE ELECTRIC POWER ENGINEERS, INC.

E201
 AUSTIN, TEXAS