

CONSTRUCTION SEQUENCE

STEPS TO BE TAKEN TO PREVENT THE SILTING OF THE WETLANDS DURING CONSTRUCTION OF THE ACCESS DRIVE AND LAYDOWN AREAS FOR THE 'WIND COLEBROOK SOUTH' PROJECT, FLAGG HILL ROAD, COLEBROOK, CT

THE SEQUENCE OF CONSTRUCTION WILL BE AS FOLLOWS:

Field stakeout the limits of all construction activities.

Clear all vegetation within the construction area. Do not remove stumps at this time. All trees/shrubs less than 6" in diameter shall be chipped.

The construction entrance, silt fence, haybales and/or other perimeter siltation devices shall be placed as shown on the erosion

The staging and processing area in the vicinity of Station 18+50 will initially be accessed by the existing driveway on the eastern side of the property. Work will then begin working down the roadway from Station 18+50 towards Station 0+00.

Remove stumps from the area of the proposed access drive from Station 0+00 to 18+50, the crane assembly area, turbine 1 location and turbine 1 access drive. Stumps shall be removed from the site. Stumps are not to be buried.

Water bars, haybale traps and silt fence will be used to control erosion during rough grading of access drive as shown.

Strip topsoil material and stockpile prior to rough grading of roadway. Stockpile material at locations shown on the plans. Ensure adequate erosion control measures are in place around stockpile greas.

Rough grade access drive to station 0+00 to 18+50, the crane assembly area, turbine 1 and turbine 1 access drive. The cute and fills will be made and material processed on site as necessary. All finished slopes loamed, seeded and mulched unless specified to be finished with riprap.

Install drainage from Station 0+00 to 18+50, construct temporary sediment traps 1 and 2 and the temporary and permanent water diversions to keep clean water away from construction areas and sediment laiden water toward temporary sediments traps and staked haybale barries.

Remove stumps from the remainder of the area of construction. Stumps shall be removed from the site. Stumps are not to be buried.

Rough grade access drive to the wetlands crossing at Station 37+50 and laydown area for turbine 2 construction. Install drainage and construct TSTs 3-5. The cuts and fills will be made and material processed on site as necessary. All finished

Install Seepage Envelope at wetlands crossing per detail. Rough grade the remainder of the access drive and laydown area for turbine 3 construction. Install drainage and construct TST 6. The cuts and fills will be made and material processed on site as necessary. All finished slopes loamed, seeded and mulched.

Additional haybales shall be placed across unpaved roads at the end of each work day to prevent sedimentation and soil

Construct riprap swales, stone infiltration trenches and water quality trenches as shown on plans. The swales and water quality trenches need to be protected from sedimentation during construction. If sedimentation occurs they will need to be cleaned or reconstructed as necessary after vegetation has been established.

Temporary diversion ditches with haybales may need to be installed to control lateral runoff along both sides of the proposed road prior to importing processed gravel.

Place gravel on drive, compact in 3-8" lifts per detail.

Provide temporary seeding measures on all exposed soils which were damaged due to construction activities and are not to be permanently restored or are outside of construction traffic zones for a period in access of 30 days.

Seed all disturbed areas. Clean all sit from drainage structures. Remove temporary sediment traps and erosion control measures after site is stabilized with vegetation.

After turbine construction is complete grade site in accordance with the post-construction grading plans and plant the upland

The starting time for the construction is unknown, however the time limit for the construction of the drive should be limited to 180 days.

*TEMPORARY SEDIMENT TRAPS WILL BE SURROUNDED TO THE MAXIMUM EXTENT PRACTICAL WITH SILT FENCE TO EXCLUDE MIGRATING AMPHIBIANS AND AVOID THESE BASINS BECOMING DECOY POOLS.

*SYNCOPATED SILT FENCING WILL BE EMPLOYED WITHIN 750' OF THE VERAL POOLS TO FACILITATE MOVEMENT OF

EROSION CONTROL NARRATIVE

PERDONSIBILITY FOR THE PLAN

Whenever sedimentation is caused by stripping vegetation and/or grading, it shall be the responsibility of the person, corporation or other entity having responsibility to remove sedimentation from all lower properties, drainage systems and watercourses and to repair any damage at their expense as quickly as possible.

All control measures will be maintained in effective condition All control measures will be maintained in effective condition the construction period. Surface inlets shall be kept open and free of sediment and debris. The system shall be checked after every major storm and sediment shall be disposed of at an approved location consistent with the plan.

It shall be the responsibility of any person, corporation or other entity engaging in any act on or near any stream, watercourse or swale or upon the flood plain or right-of-way thereof to maintain as nearly as possible in its present state that same stream, watercourse, swale, flood plain or right-of-way for the duration of the activity and to return it to its original or equal condition after such activity

No person, corporation or other entity shall block, impede the flow of, alter, construct any structure or deposit any material or thing or commit any act which affects normal or flood flow in any communal stream or watercourse without having obtained prior approval from the Town.

Fine grade and rake surface to remove stones larger than 2" in diameter. Install needed erosion control devices such as surface water diversions. Grade stabilization structures, sediment basins or drainage channels to maintain grassed areas. Apply limestone at a rate of 2 tans/Ac. or 90 lbs/1000 SF grassed areas. Apply interstone at a rate of 2 tans/Ac. or 90 ins/1000 Sr unless otherwise required according to soil test results. Apply fertilizers with 10-10-10 at a rate of 300 lbs./Ac. or 77.5 lbs/1000 SF. At least 50% of the nitrogen shall be from organic sources. Work lime and fertilizer into soil uniformity to a depth of 4" with a whisk, springtooth harrow or other suitable equipment following the contour lines.

Seed Application
Apply grass mixtures at rates specified by hand, cyclone seeder or hydroseeder.
Increase seed mixture by 10% if hydroseeder is used. Lightly drag or roll the
seeded surface to cover seed. Seeding for selected fine grasses should be done
between April 1 and June 1 or between August 15 and October 15. If seeding cannot be done during these times, repeat mulching procedure below until seeding can take place or seed with a quick germinating seed mixture to stabilize slopes. A quick germinating seed mixture to stabilize slopes. A quick germinating seed mixture (Domestic Rye) can be applied between June 15 through August 15 as approved by the Architect or Engineer.

Mulching immediately following seeding, mulch the seeded surface with straw, hay or wood fiber at a rate of 1.5 to 2 tons/Ac. except as otherwise specified elsewhere. Mulches should be free of weeds and coarse matter. Spread mulch by hand or mulch blower. Punch mulch into soil surface with track machine or disk harrow set straight up. Mulch material should be "tucked" approximately 2— 3" into the soil surface. Chemical mulch binders or netting, in combination with the straw, hay or wood fibers, will be used where difficult slopes do not allow harrowing by machines.

Grass Seed Mixtures

Temporary Covers
Perennial ryegrass
Annual ryegrass

20 lbs/Ac. 20 lbs/Ac.

Permanent Covers
Creeping Red Fescue 40 lbs/Ac.
Canada Bluegrass 20 lbs/Ac.

WETLAND REGULATED ACTIVITY

Wetlands Impacts: Crossing at Station 37+50 - 4.250 sf

Total Activity in Wetlands - 4,250 sf

RESPONSIBILITY FOR EROSION CONTROL PLAN

THE PARTY RESPONSIBLE FOR THE IMPLEMENTATION AND OVERSIGHT OF THE EROSION CONTROL PLAN SHALL BE: BNE ENERGY, INC.
TOWN CENTER, SUITE 200 29 SOUTH MAIN STREET

UPLAND RESTORATION AND THIRD PARTY MONITORING NARRATIVE

Wind Colebrook South - Upland Restoration Plan

Disturbed upland areas will be restored following construction with New England Conservation/Wildlife Mbt, a native herbaceous seed mixture that will form a permanent, mointenance free cover of grasses, forbs, wildflowers and legumes. This seed mixture provide eracion control and wildlife hobitat value. Areas that will not be subject to annual mowing will revert to forest through the natural process of succession.

Upland Restoration Plan Construction Sequence and Planting Schedule

- 1. Prior to all work, erosion control barriers will be installed as detailed on the Erosion
- 2. Where adequate topsoil (±6 inches) does not exist, disturbed areas shall be backfilled to a minimum depth of 6 inches with clean topsoil. Once final topsoil is in place, these areas will be planted with New England Conservation/Wildlife Mix after the completion of final grading. The seed mix will be applied at a rate of 1 b/1,750 square feet. Sail conditioning activities, including raking, will be combined with the seed application process.
- 3. Where 2:1 slopes are utilized for find grading, or in areas specified on the plan sheets, blodegradable erosion control matting will be installed over the seed mixture to promote establishment of vegetation and old in stabilization. The contractor will use "SC2" erosion control matting, available at New England Wetland Plants Inc. (413) 548-8000 or an approved equivalent.
- The contractor will be responsible for the careful installation, maintenance (including watering) and establishment of native plant material in these areas.
- 5. The ercelon control barriers shall be disassembled following successful stabilization these creat. Sediment collected by these devices will be removed and disposed of h a manner that prevents eradian and transport to a wetland or watercourse.

6. Monitoring of revegetated areas will be conducted as follows by a qualified third party inspector. These areas will be monitored the first three growing seasons following establishment. Monitoring reports will be submitted to the Connecticut Siting Council no later than December 15 of each year. The reports will provide details on the three success standards described below. In the event that remediation measures are required, recommendations will be provided. The first year of monitoring will be the first year that the site has been through a full growing season after completion of construction and planting. For monitoring purposes, a growing season starts no later than May 31.

- 7. Revegetated areas will be assessed using three success standards. Each standard is described below. Success Standard 1: At least 75% of the surface area of these areas should be resetablished with indigenous species within three growing seasons. Success Standard 2: Vegetation should be checked to ensure that no invasive species colonize in these areas. Success Standard 3: Sopes within and adjacent to the revegetated areas are stabilized.
- 8. In the event that remediation measures are recommended, BNE Energy, Inc. will initiate these measures with the assistance of the qualified third party inspector.
- 9. If necessary to control invasive species, herbicide applications will be conducted by a state-licensed individual. If applications are required in proximity to site wetlands, the herbicide RODEO® [glyphosate (53.8% active ingredient)] shall be utilized as it is the only herbicide approved by CTDEP for application in aquatic environments.
- Fertilizers will not be used to promote growth within these creas. The proposed seed mixture contains a variety of native herbaceous species adept at colonizing recentivy delurbed creas.

Planting Schedule 1: Upland Restoration Area

Disturbed areas will be planted with New England Conservation/Wildlife Mix (or equivalent) at 1750 sq.ft./lb. or as recommended by manufacturer. This mix

includes the following species: big bluestern (Andropogon gerardil), fringed brome gross (Bromus ciliates), creeping red feacue (Festuca rubra), Canada wild rys (Dymus virginicus), virginia wild rys (Dymus virginicus), seritchyrass (Panicum virgutum), deer tengue gross (Panicum diantesitrum), Rittle bluestern (Schtzochyrium acoparium), Indian gross (Sorghestrum nutans), common millowed (Aaclepias syrico), New England aster (Fater novae-anglias), partridge pea (Chamoscrista facelacites), showy tick-twold (Deemodlum Canadems), gross feaved goldenrad (Euthamia graminifolia), gray goldenrad (Solidage nemoralis).

Wind Colebrook South - Third Party Environmental Inspections

- A qualified third party environmental inspector shall inspect the installation of erosion and sedimentation controls prior to the start of construction activities pre-construction meeting shall be held with the third party environmental instant general contractor prior to the start of construction.
- 2. The qualified third party environmental inspector will monitor erosion and sedimentation controls throughout the construction period to ensure that controls are properly melaticiated and any recommendations to remediate failing controls or removal occumulated sediment are implemented by the contractor in a timely feebion.
- The qualified third party environmental inspector shall monitor erosion and sedimentation controls on a weekly basis or within 24 hours of a rainfell event of 0.5 inches or greater.
- Ercosion and sedimentation control manitoring reports will be prepared by the third party environmental inspector on a bi-weekly basis and submitted to the Connecticut Stiting Council.
- The on-site erosion and sediment controls shall be monitored by a qualified third party environmental inspector to ensure satablishment of appropriate environmental safeguards protective of amphibition and reprile species.

The following general principles shall be maintained as effective means of minimizing erosion and sedimentation during the development process.

Stripping away of vegetation, regrading or other development shall be done in such a way as to minimize erosion.

Crading and development plans shall preserve important natural features, keep cut and fill operations to a minimum, and insure conformity with topography so as to create the least crosion potential and adequately handle the volume

Whenever feasible, natural vegetation shall be retained, protected and supplemented wherever indicated on the site development plan.

The undisturbed area and the duration of exposure shall be kept to a practical minimum

Disturbed soils shall be stabilized as quickly as possible.

Temporary vegetation and/or mulching shall be used to protect exposed critical areas during development when expected to be exposed in excess of 30 days.

The permanent (final) vegetation and mechanical erosion control measures shall be installed as soon as practical during construction.

Sediment in the runoff water shall be trapped until the disturbed areas is stabilized by the use of debris basins, sediment basins, slit traps or similar

Concentration of surface runoff shall be only permitted by piping and/or through drainage swales or natural watercourses.

Execution and Fills --

Slopes created by cuts or fills shall not be steeper than 1.5:1 and shall be restabilized by temporary or permanent measures, as required during the development process and shown on the site plans.

Adequate provisions shall be made to prevent surface water from damaging the cut face of excavations or the sloping surfaces of fills.

Cut and fills shall not endanger adjoining property.

All fills shall be compacted to provide stability of material and to prevent undesirable settlement. The fill shall be spread in a series of layers each not exceeding twelve (12) Inches in thickness and shall be compacted by a sheep roller or other approved method after each layer is spread.

Fills shall not encroach on natural watercourses, constructed channels or regulated flood plain areas, unless permitted by license or permit from authority having jurisdiction in accordance with approved site plans.

Fills placed adjacent to natural watercourses, constructed channels or flood plains shall have suitable protection against erosion during periods of flooding

Grading shall not be done in such a way as to divert water onto the property of another landowner without their express written consent.

During grading operations, necessary measures for dust control shall be

Sedimentation and erasion control shall be implemented in accordance with the Guidelines for Soil Erasion and Sediment Control (2002) — State of Connecticut DEP Bulletin 34.

The following general specifications will also be adhered to:

Land disturbance will be kept to a minimum. Restabilization will be scheduled

*TEMPORARY SEDIMENT TRAPS WILL BE SURROUNDED TO THE MAXIMUM EXTENT PRACTICAL WITH SILT FENCE TO EXCLUDE MIGRATING AMPHIBIANS AND AVOID THESE BASINS BECOMING DECOY POOLS.

Haybale filters will be installed at all culvert outlets and along the toe of all critical cut and fill slopes.

Culvert discharge areas will be protected with riprap channels. Energy dissipaters will be provided as necessary.

Catch basins will be protected with haybale filters throughout the construction period and until all disturbed areas are thoroughly stabilized. All erasion and sediment control measures will be constructed in accordance with the standards and specifications of the Guidelines for Soil Erasion and Sediment Control (2002) — State of Connecticut DEP Bulletin 34.

*SYNCOPATED SILT FENCING WILL BE EMPLOYED WITHIN 750' OF THE VERAL POOLS TO FACILITATE MOVEMENT WETLAND-DEPENDENT AMPHIBIANMS TO AND FROM THESE VERNAL POOLS DURING CONSTRUCTION.

Erosion and sediment control measures will be installed prior to construction

All control measures will be maintained in effective condition throughout the

Additional control measures will be installed during construction if necessary

All erosion control measures shall be inspected weekly and within 24 hours of a rainfall event of 0.5 inches or greater.

EARTHWORK QUANTITY ESTIMATE

TOTAL CUT - 26.850 C.Y. TOTAL FILL - 34,300 C.Y.

COMMON CLEAN FILL REQUIRED (TOPSOIL AND SUBSOIL) - 24,400 C.Y.

RIPRAP TO BE PROCESSED FROM ON-SITE MATERIAL - 2.450 C.Y.

PROCESS GRAVEL, ASPHALT AND STONE TO BE IMPORTED - 7,450 C.Y. NOTE: ALL EXCAVATED (CUT) MATERIAL TO BE REUSED ON-SITE.

OVERALL SITE DISTURBANCE ASSOCIATED WITH THE PROPOSED IMPROVEMENTS - 13.32 ACRES

DATE REVISION

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

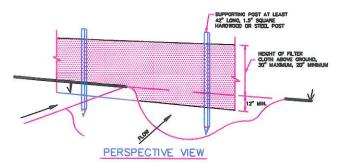
EROSION CONTROL NAARRATIVE AND CONSTRUCTION SEQUENCE

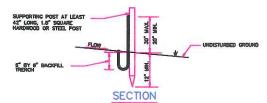
WIND COLEBROOK SOUTH FLAGG HELL ROAD

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C600

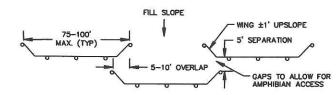




CONSTRUCTION NOTES FOR SILT FENCE

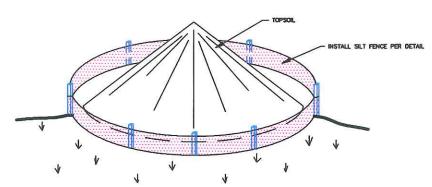
4. BACKFILL THE TRENCH WITH TAMPED SOIL OR AGGREGATE OVER THE GEOTEXTILE.

SILT FENCE DETAIL



SYNCOPATED SILT FENCE INSTALLATION

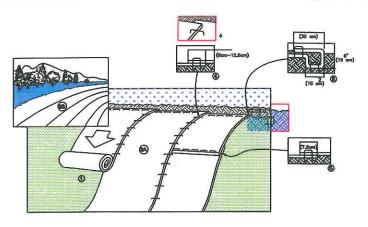
PLAN WEW FOR AREAS WITHIN 750' OF A VERWAL POOL



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 SLIT 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 MALCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE.
 6. AFTER STOCKPILE HAS BEEN REMOVED, THE SITE SHOULD BE GRADED AND PERMANENTLY STABILIZED.

TEMPORARY TOPSOIL STOCKPILE



- 2. SEEM AT THE TOP OF THE SUME BY ANCHORING THE BUNNET HA OF (TOWN) DUST YET (SOUTH) WITH THE TOP OF THE SUME BY ANCHORING THE BUNNET HA OF (TOWN) THE APPROXIMATION OF THE THEORY THAN THE SUME STATEMENT OF THE SUM OF THE SUM OF THE SUM STATEMENT OF THE SUM OF THE SUM OF THE SUM STATEMENT OF THE SUM OF THE

- CONSECUTIVE BLANKETS SPUCED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AM APPR 3" (7.5em) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30em) APART ACROSS ENTIRE

NOTE: MILDOSE 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.

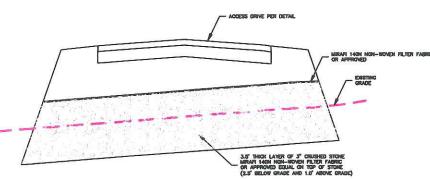
Straw: 5 lbs/sq. yd. Net: Temporary lightweight degradable (Both sides)

SC250 (North American Green): Material:

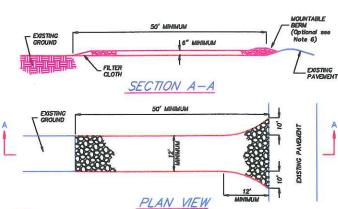
Straw & coconut fiber matrix sewn between three polypropylene nets. Net: Permanent Turf Reinforcement, for maximum slopes up to 1.1:1.

REACE.
SOIL CONDITIONS, THE USE OF STAPLE OR STANCE LENGTHS IN EXCESS OF 6" (15 CM) MAY BE NECESSARY TO PROPERLY
BILLIANGES.

EROSION CONTROL BLANKET



SEEPAGE ENVELOPE DETAIL



- 1. STONE SIZE USE 1" 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

- STOME SIZE USE 1" 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

 LENGTH AS REQUIRED, BUT NOT LESS THAN 50 FEET.

 THICKNESS NOT LESS THAN SIK (6) INCHES.

 WITH 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL MOTH AT POINTS WHERE
 INGRESS OR EGRESS COCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.

 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 BETAL WITH 5-1 SLOPES WILL BE PERMITTED.

 MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT

 TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RICHTS—OF—WAY. THIS MAY REQUIRE

 PERSOND TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DELMAD 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 MINEDIATELY.

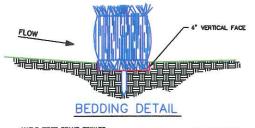
 WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO

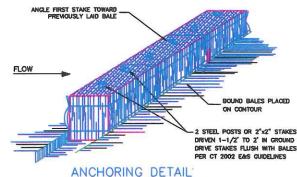
 PUBLIC RICHTS—OF—WAY. MICH WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA

 STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.

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

STAKED HAY BALE BARRIER

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

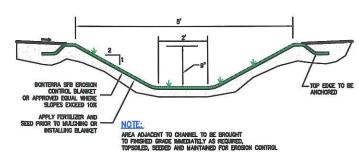
REVISION

DATE

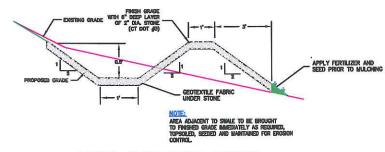
DETAILS

WIND COLEBROOK SOUTH FLAGG HELL ROAD

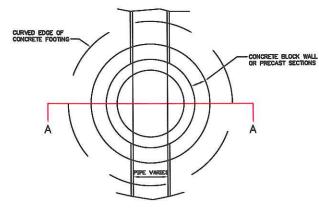
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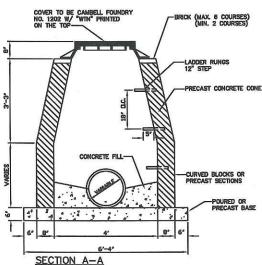


TEMPORARY DIVERSION SWALE

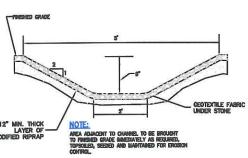


LEVEL SPREADER DETAIL

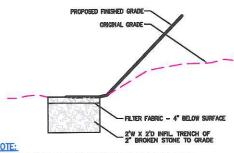




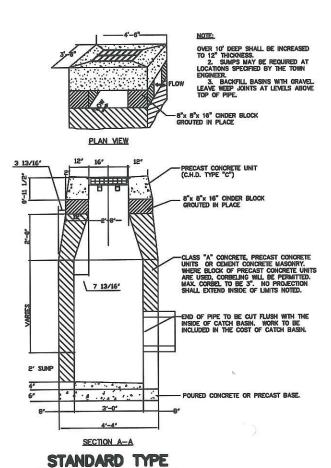
DRAINAGE MANHOLE



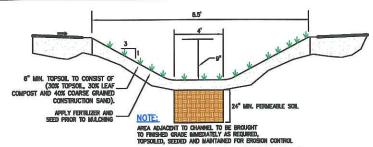
RIPRAP DIVERSION/CONVEYANCE SWALE



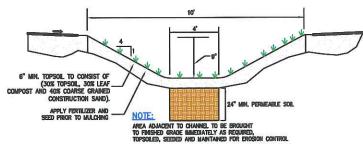
STONE INFILTRATION TRENCH



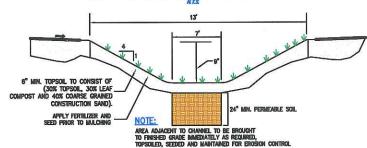
"CL" CATCH BASIN



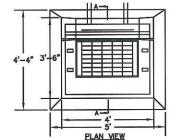
DRY WATER QUALITY SWALE A



DRY WATER QUALITY SWALE B



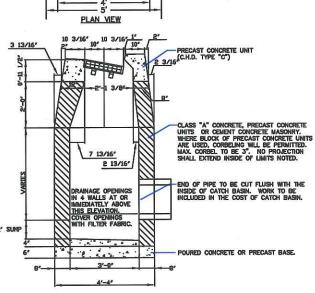
DRY WATER QUALITY SWALE C



NOTE:

1. WALLS OF ALL CATCH BASINS
OVER 10' DEEP SHALL BE INCREASED
TO 12' THICKNESS.

2. SUMPS MAY BE REQUIRED AT
LOCATIONS SPECIFIED BY THE TOWN
ENGINEETIC



SECTION A-A STANDARD TYPE "C" CATCH BASIN

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

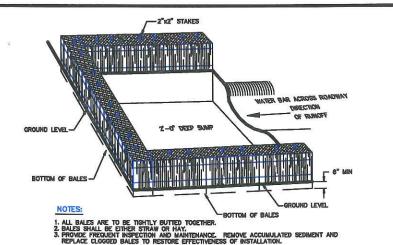
DETAILS

WIND COLEBROOK SOUTH

FLAGG HILL ROAD

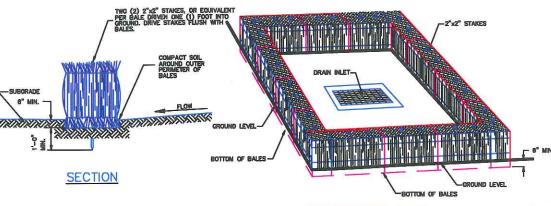
NO. REVISION

N.T.S. 26 AUG 11 700 Mile 3092 OND /EE MINE 3092 C602



18" X 18" X 3" BELGIAN BLOCK PAVERS SET 10" INTO GRADE — 8" EXPOSED ABOVE GRADE, ENCIRCLING FOREBAY AREA (OR APPROVED EQUAL) 8" MIN. EXPOSED FACE NOTE:

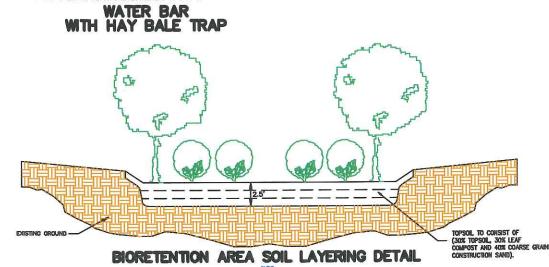
AMPHIBIAN BARRIER DETAIL

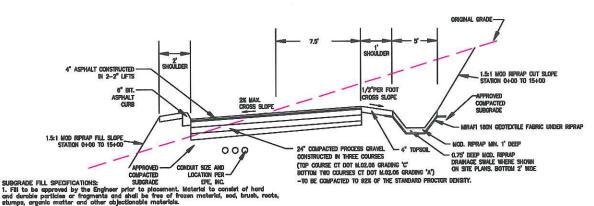


PERSPECTIVE VIEW

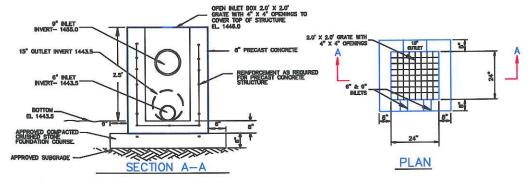
ALL BALES ARE TO BE TIGHTLY BUTTED TOGETHER.
 BALES SHALL BE EITHER STRAW OR HAY.
 PROVIDE FREQUENT INSPECTION AND MAINTENANCE REMOVE ACCUMULATED SEDIMENT AND REPLACE CLOGGED BALES TO RESTORE EFFECTIVENESS OF INSTALLATION.

BALED FILTER

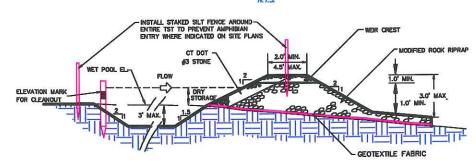




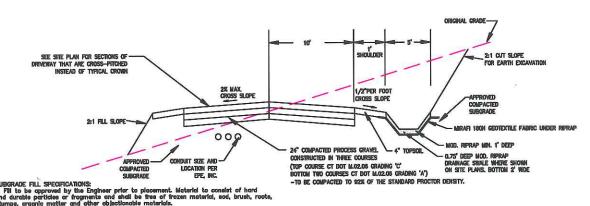
ACCESS DRIVE CROSS SECTION



DETENTION/INFILTRATION BASIN OUTLET CONTROL STRUCTURE



TEMPORARY SEDIMENT TRAP OUTLET



2. Subbase fill material shall be compacted to 90% of the standard proctor density until the

ACCESS DRIVE CROSS SECTION

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

REVISION

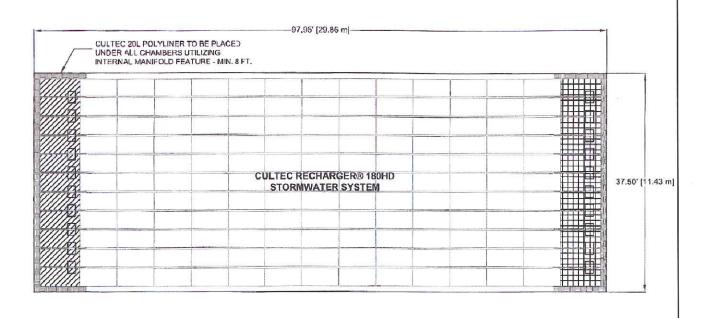
DATE

DETAILS

WIND COLEBROOK SOUTH FLAGG HELL ROAD



SOLE NTS 20 MM 11 2000 OUT /LE NUE 3000 C603



VATERIALS LIST		
RECHARGER INISHO STARTER	11	PRECES
RECHARGER MICHID INFERMEDIATE	162	PIECUS
RECHARGER INSTRUCTOR	13	PRESES
HVLV FG-24 FEED CONNECTORS	50	Pilitaka
CULTEC No. 410 FILTER FAMILIE 75 x 300	4	NO TO
CULTEC No. 201, POLYETHYLENE LINER	750	MINERAL PEET
1 1/2 - 2 PICH DIAMETER BROVEN STONE	231	стинс лимбё
YOU WIFE OF EXCANATION	460	QUEIC YARCS



RECHARGER 180SHD STARTER RECHARGER 180HD INTERMEDIATE

RECHARGER 180EHD END

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

CULTEC STORMWATER MANAGEMENT SYSTEM

HVLV FG-24 FEED CONNECTORS CULTEC NO. 20L POLYETHYLENE LINER.

	UNDER ALL O	POLYLINER TO BE PLACED CHAMBERS UTILIZING	
	INTERNAL M	ANIFOLD FEATURE - MIN. 8 FT.	
Ť			
	1111190		
6.25' [11.05 m]	11111160	CULTE¢ RECHARGER® 280HD	
0.20 [11.00 [1]		STORMWATER SYSTEM	
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MACHINESUS		
RECHARGER SIDENCE STARTER	6	PECES
RECHARGER 250 HO INTERMIDIATE	136	FILCES
RECHARGER 2005HD END	,	PIECES
HAFA EC 24 EEED DOMNEC JOSS	11	PECES
COLFED No. 430 FILTER FABRIC 7,8 x 300		BDLLG
GULTEC NO JOL POLYETHY LEVE (PREP.	145	UNEALFEET
1 112 - 2 INCH CIAMETER BROXENSTONE	214	CUBIC YARDS
VOLUME OF EXCAVATION	704	CUBIC YARDS

CULTEC RECHARGER® 280HD LEGEND

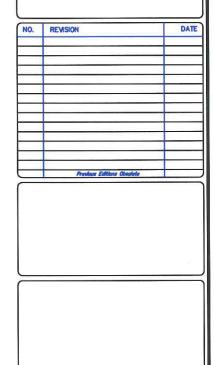


RECHARGER 280SHD STARTER RECHARGER 280IHD INTERMEDIATE



GULTEC NO. 20L POLYETHYLENE LINER

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



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

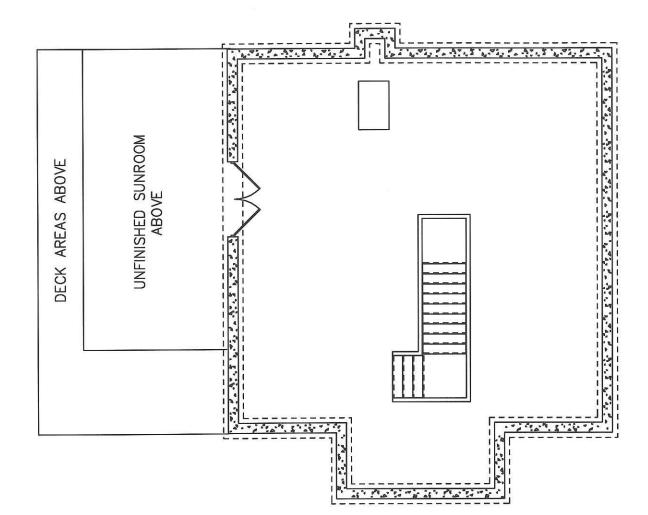
DETAILS CULTEC DETENTION BEDS

WIND COLEBROOK SOUTH

FLAGG HILL ROAD

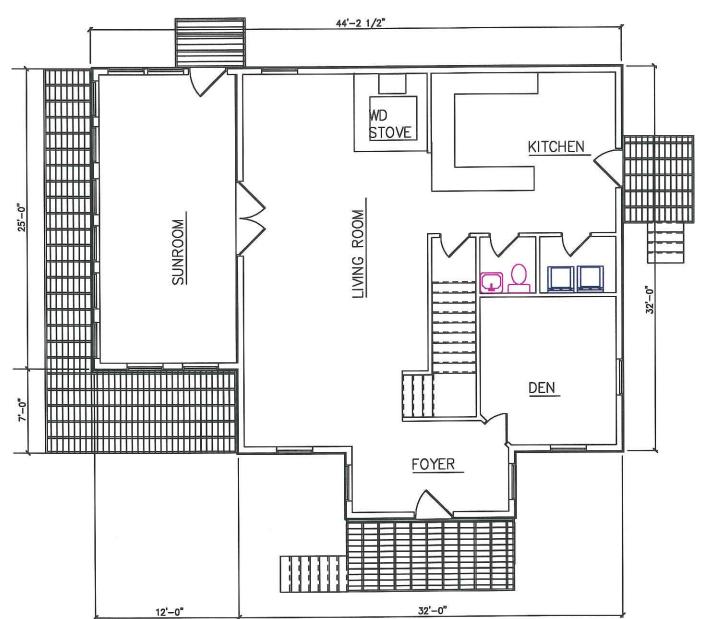


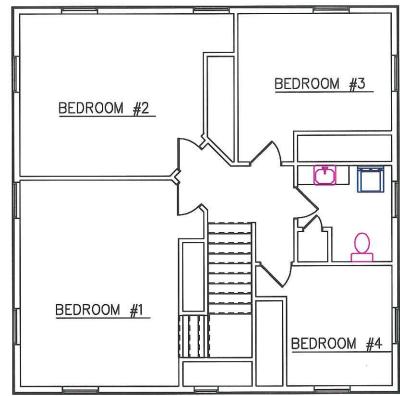
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EXISTING FOUNDATION PLAN

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	EXISTING FOUNDATION LAYOUT		
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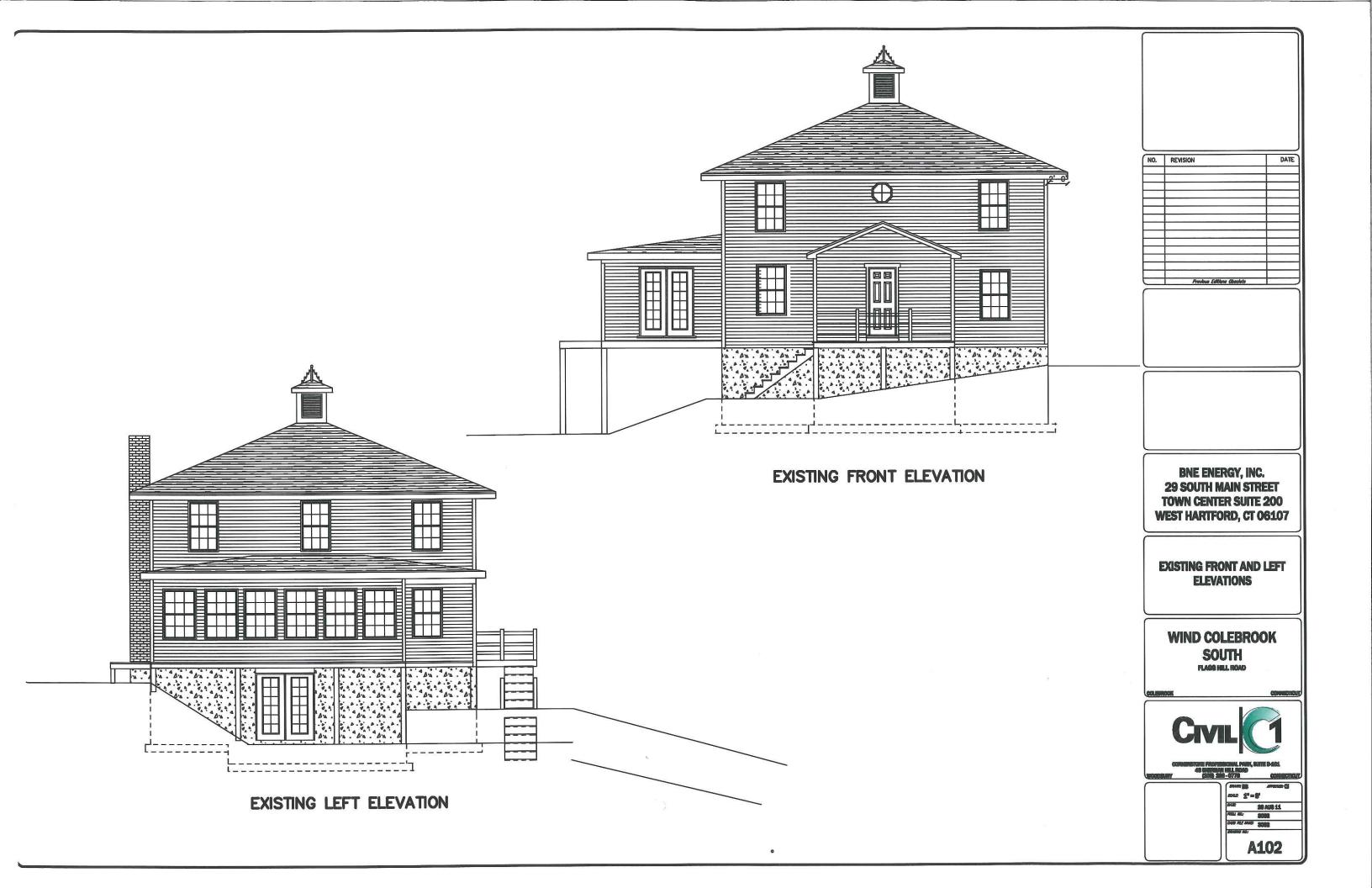
EXISTING FIRST AND SECOND FLOOR LAYOUT

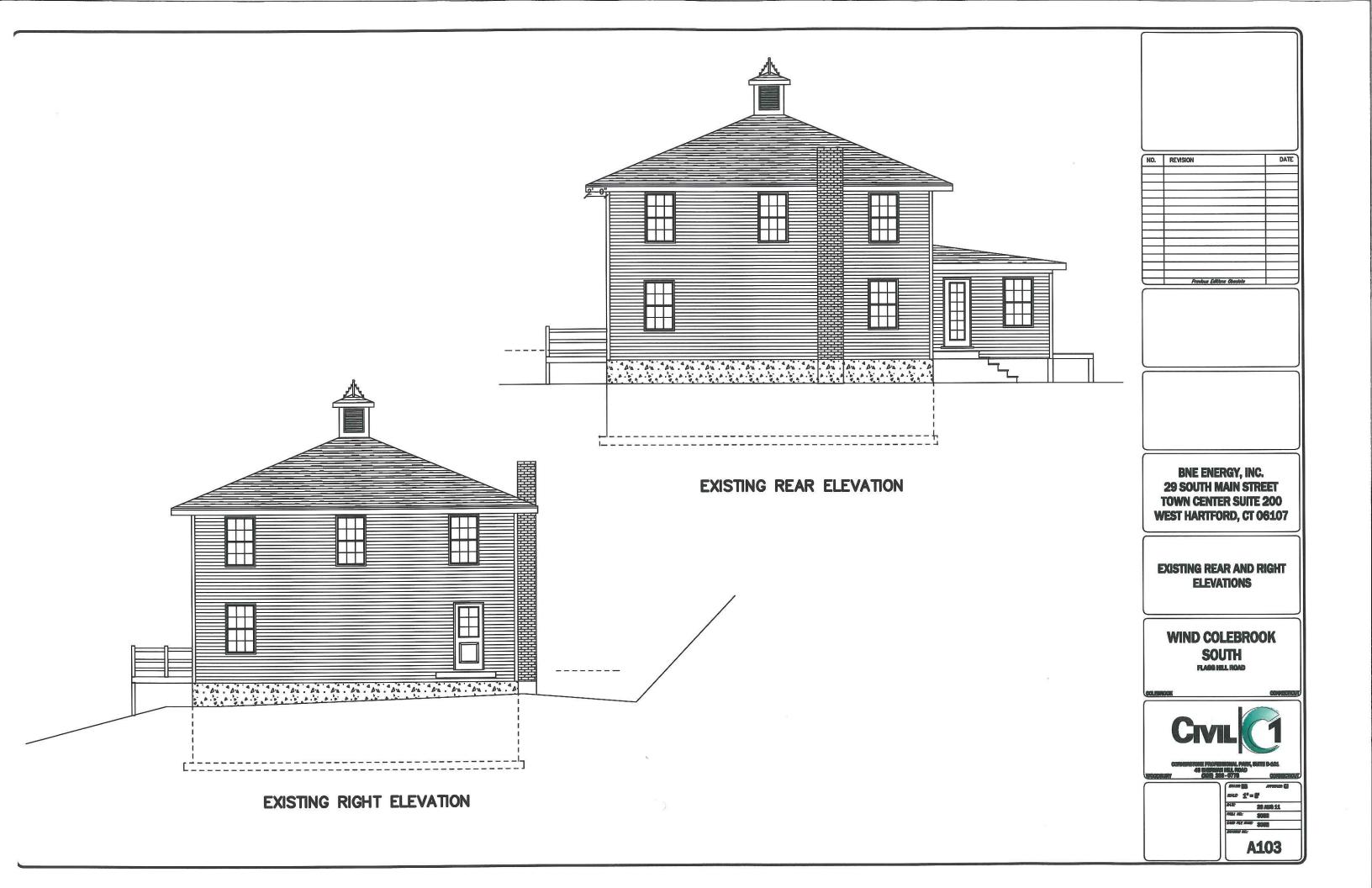
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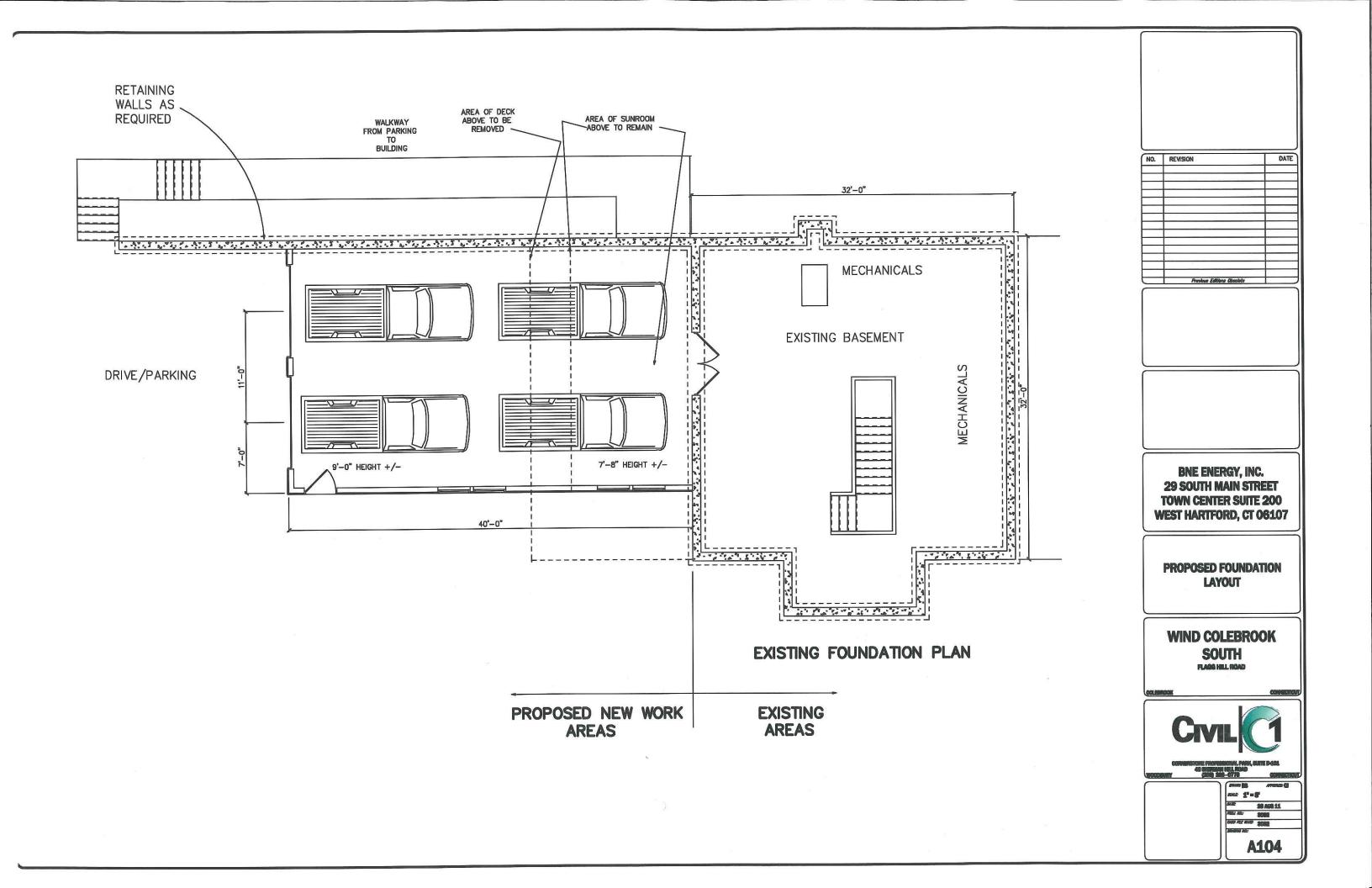
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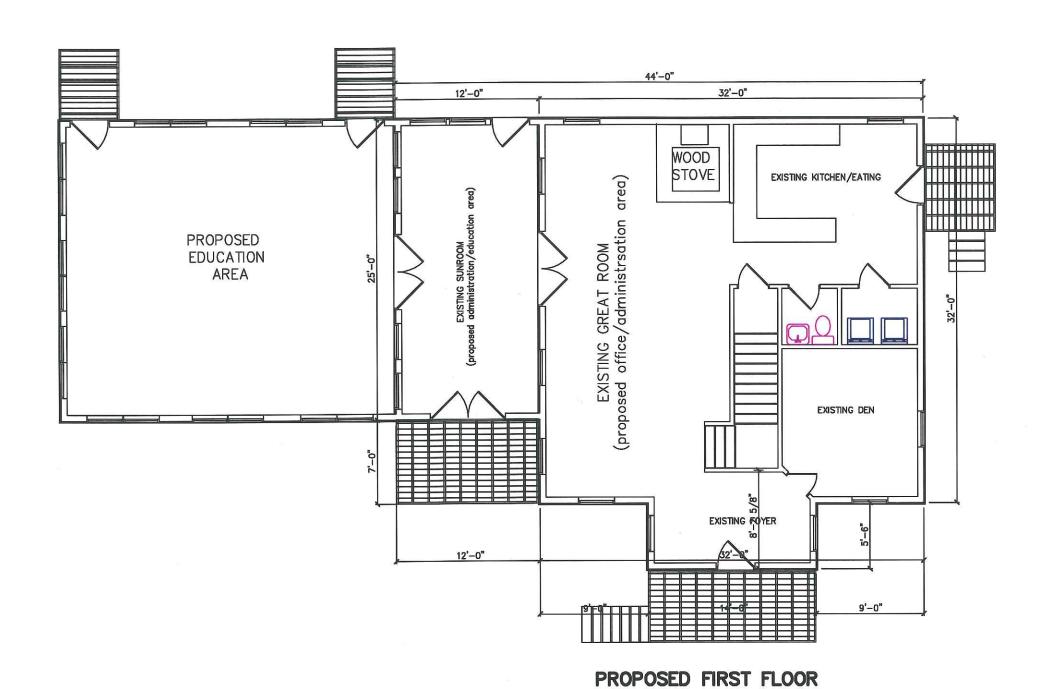
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EXISTING FIRST FLOOR









NO. REVISION DATE

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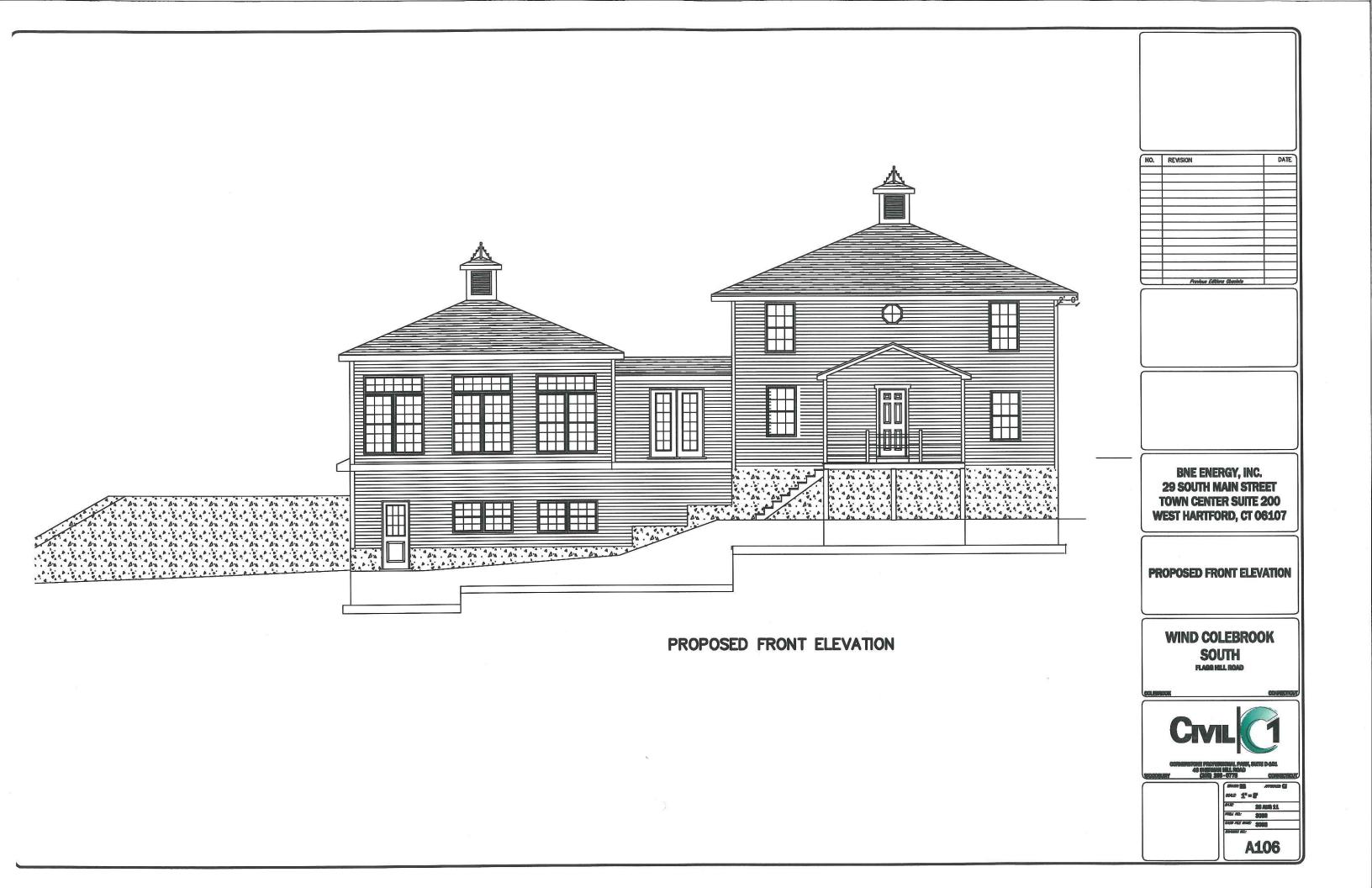
BNE ENERGY, INC. 29 SOUTH MAIN STREET TOWN CENTER SUITE 200 WEST HARTFORD, CT 06107

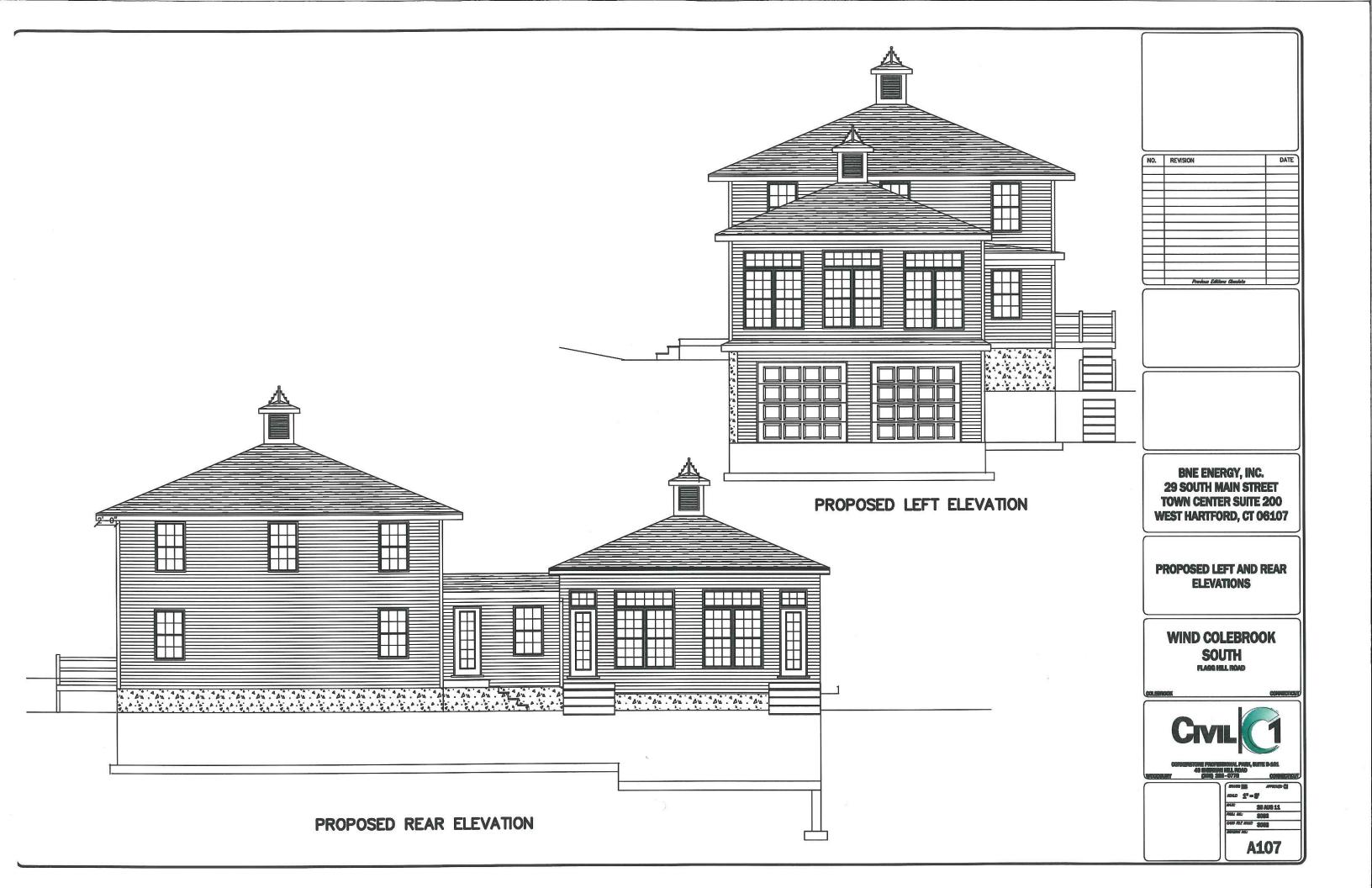
PROPOSED FIRST FLOOR LAYOUT

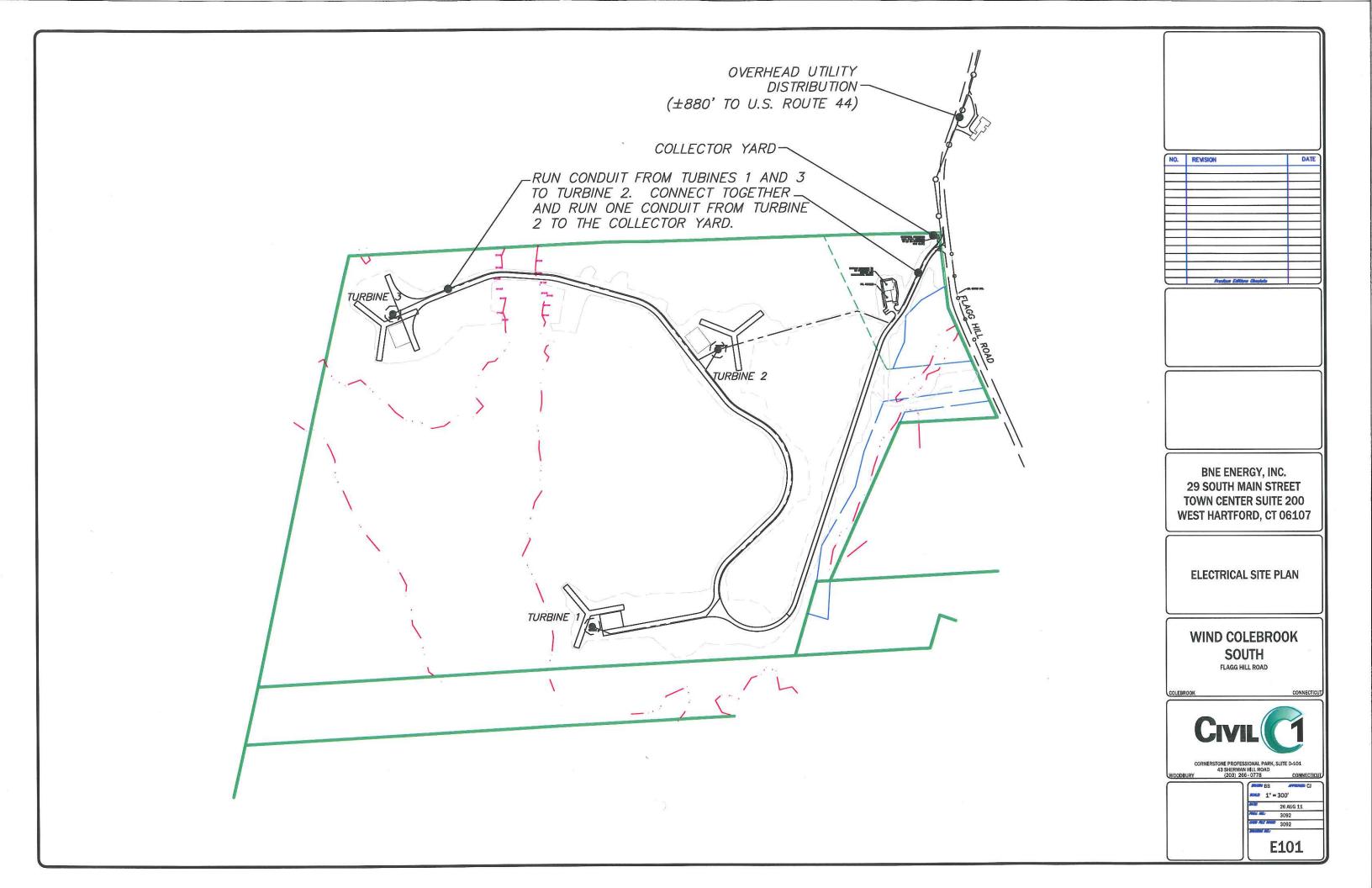
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SOUTH
FLAGE HELL ROAD

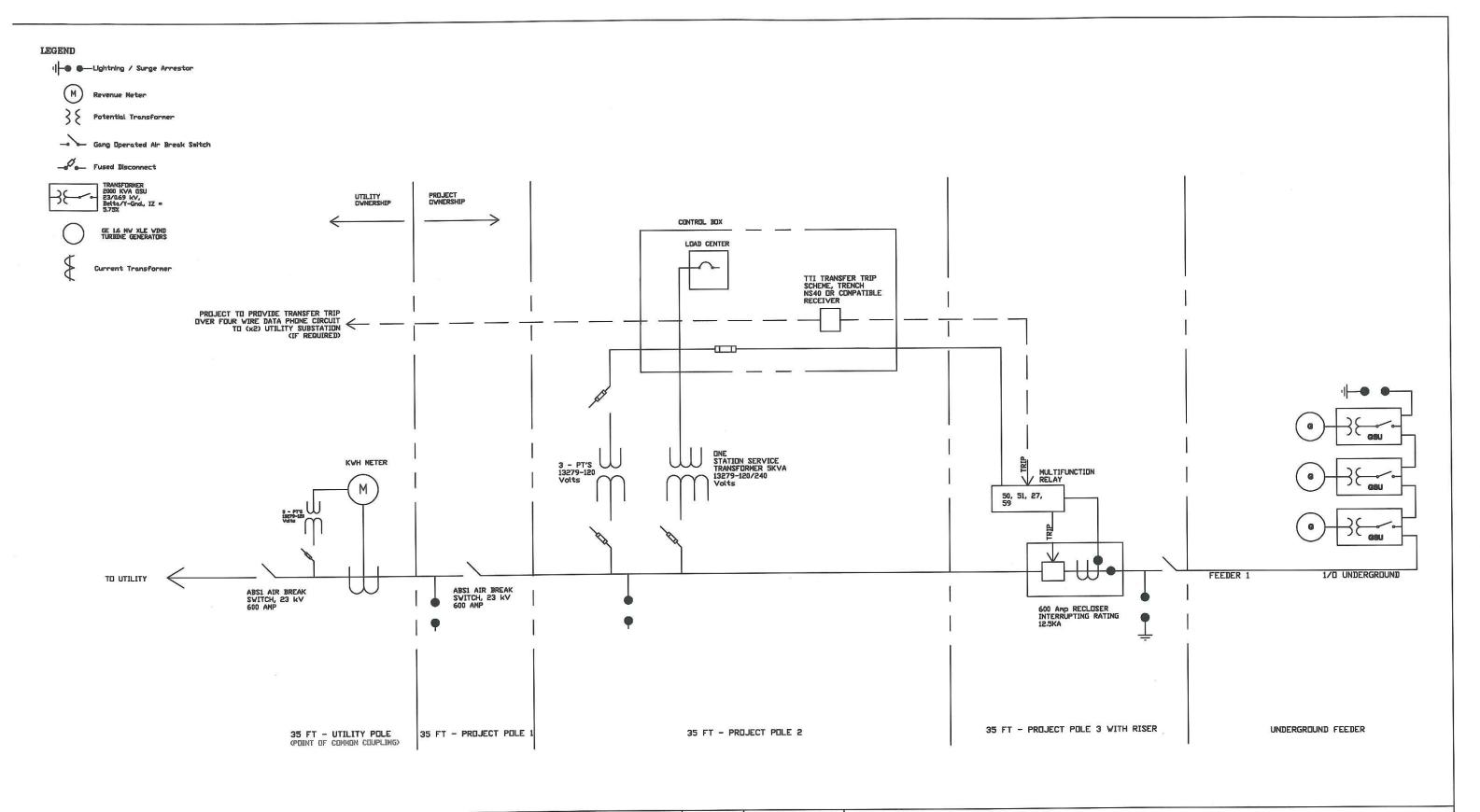
COLUMN











PELECTRIC 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."

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COLEBROOK SOUTH WIND

BNE Energy

E201

AUSTIN, TEXAS

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