Site Plans

Application Issued for Date Issued June 23, 2023 June 23, 2023 Latest Issue

BESS Installation CT8

44 Skinner Street East Hampton, Connecticut

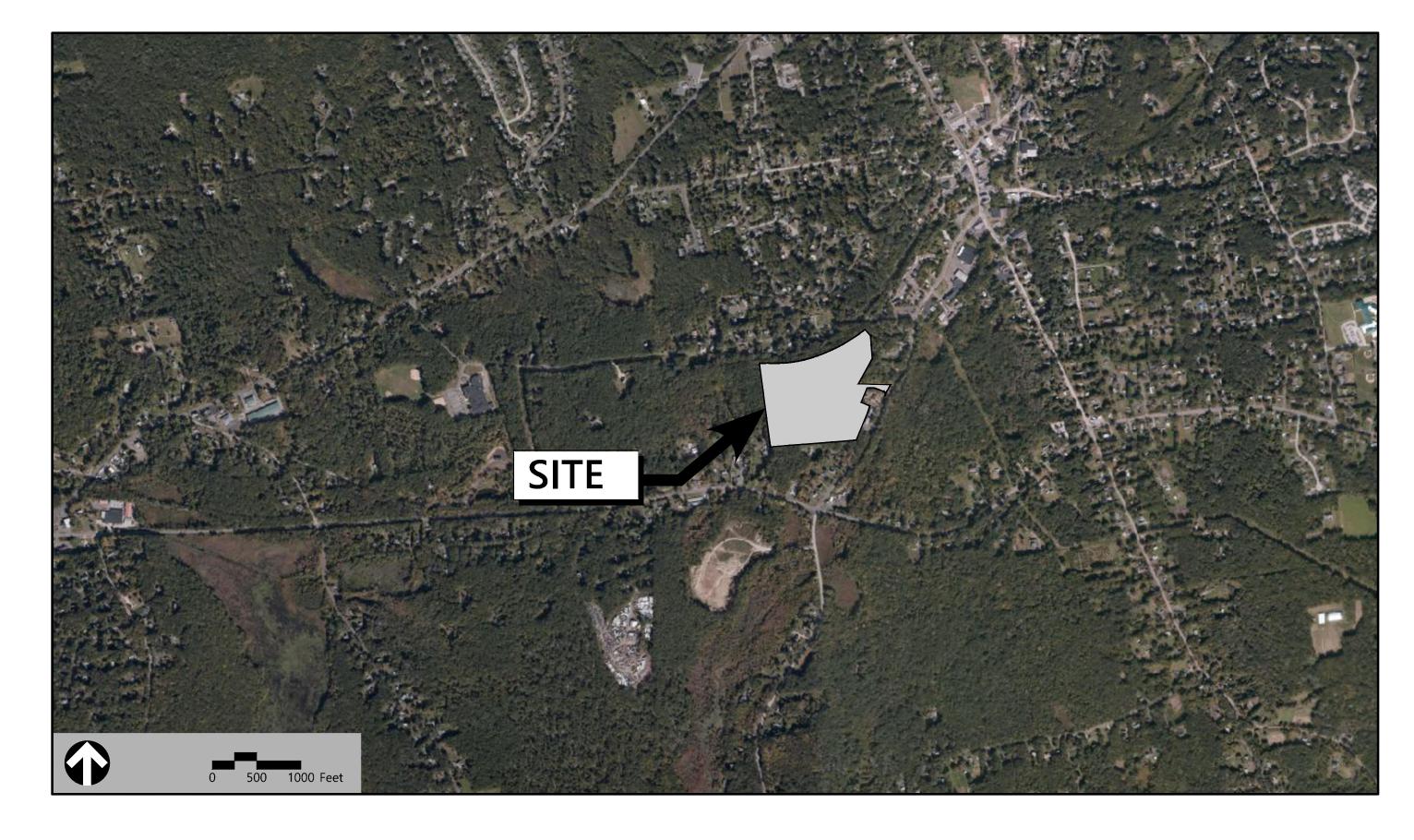
Applicant

Key Capture Energy 25 Monroe Street Albany, NY 12210

Map / Block / Lot: 020 / 48C / 009

Owner

Skinner Street Properties LLC 9 Sequonia Trail East Hampton, CT 06424



June 23, 2023

June 23, 2023

Sheet Index

C-2.0

C-3.0

C-4.0

C-5.0

Drawing Title

Site Details

Layout & Materials Plan

Grading & Drainage Plan Erosion & Sediment Control Plan

Legend, Abbreviations and General Notes

	Reference Drawings			
Latest Issue	No.	Drawing Title	Latest Issue	
June 23, 2023 June 23, 2023 June 23, 2023	1 of 1	ALTA/NSPS Land Title Survey	November 1, 2022	



Exist.	Prop.		Exist.	Prop.	
		PROPERTY LINE	And a distribution of the second		CONCRETE
		PROJECT LIMIT LINE	(4.5 + 1.5 ° 1.1)	(*,; ··. ; * · · .)	HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			BUILDINGS
		EASEMENT	KQMJQKQM		RIPRAP
		BUILDING SETBACK	152Un032U	8020203 77772	CONSTRUCTION EXIT
				0% ¾ 0% ¾ d	CONSTRUCTION EXIT
10+00	10+00	PARKING SETBACK	27.35 TC×	27.35 TC×	TOP OF CURB ELEVATION
i		BASELINE	26.85 BC×	26.85 BC×	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132.75 ×	132.75 ×	SPOT ELEVATION
		ZONING LINE	45.0 TW 38.5 BW	45.0 TW × 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	_	30.3 8	BORING LOCATION
		LIMIT OF DISTURBANCE	ě		TEST PIT LOCATION
·		WETLAND LINE WITH FLAG	→ MW	→ MW	MONITORING WELL
		FLOODPLAIN			
		100-YEAR FLOOD LIMITS	———UD ———	——UD——	UNDERDRAIN
		100-1EAR FLOOD LIMITS	12"D	12″D→	DRAIN
		GRAVEL ROAD	6"RD	6"RD─ <u>►</u>	ROOF DRAIN
EOP	 EOP		12"S	12"S	SEWER
BB	BB	EDGE OF PAVEMENT	FM	FM	FORCE MAIN
BC	BC	BITUMINOUS BERM	OHW	——— OHW ———	OVERHEAD WIRE
		BITUMINOUS CURB	6"W	6"W	WATER
CC	CG	CONCRETE CURB	4"FP	4"FP	FIRE PROTECTION
		CURB AND GUTTER		2"DW	DOMESTIC WATER
CC	<u>ECC</u>	EXTRUDED CONCRETE CURB	3"G	———G———	GAS
CC	MCC	MONOLITHIC CONCRETE CURB	——F——	——E——	ELECTRIC
CC	PCC	PRECAST CONC. CURB	STM	STM	STEAM
SGE	<u>SGE</u>	SLOPED GRAN. EDGING	T	T	TELEPHONE
VGC	VGC	VERT. GRAN. CURB	FA	FA	
		LIMIT OF CURB TYPE		—— CATV——	FIRE ALARM
		SAWCUT	CATV	CATV	CABLE TV
<u>//</u>			_		CATCH BASIN
11111111		BUILDING			DOUBLE CATCH BASIN
](] ⊲EN	BUILDING ENTRANCE	===	==	GUTTER INLET
] LD	LOADING DOCK	(D)	•	DRAIN MANHOLE
	•	BOLLARD	=TD=		TRENCH DRAIN
D	D	DUMPSTER PAD	Γ	r	PLUG OR CAP
-	•	SIGN	CO	co •	CLEANOUT
<u> </u>	=	DOUBLE SIGN	>	•	FLARED END SECTION
				\checkmark	HEADWALL
<u> </u>		STEEL GUARDRAIL			
		WOOD GUARDRAIL	<u> </u>	•	SEWER MANHOLE
			_ CS ●	CS ●	CURB STOP & BOX
	====	PATH	₩V	₩V ⑤	WATER VALVE & BOX
		TREE LINE	TSV	TSV	TAPPING SLEEVE, VALVE & BOX
×	-xx-	WIRE FENCE	→	→	SIAMESE CONNECTION
·····		FENCE	HYD	HYD	FIRE HYDRANT
		STOCKADE FENCE	WM	WM ⊡	
·00000.		STONE WALL	PIV	PIV ●	WATER METER
		RETAINING WALL	(()		POST INDICATOR VALVE
		STREAM / POND / WATER COURSE		<u></u>	WATER WELL
		DETENTION BASIN	GG	O	GAS GATE
· a · a · a · a · a · a		HAY BALES	GM ⊡	GM ⊡	GAS METER
-××-	_××_	SILT FENCE	Ē	● EMH	ELECTRIC MANHOLE
CIIIII -	· c:::::> ·	SILT SOCK / STRAW WATTLE	EM	EM	ELECTRIC METER
	-	,	- \$	<u>-</u>	
4	 4 	MINOR CONTOUR		▼ TMH	LIGHT POLE
20	20	MAJOR CONTOUR		● ^{TMH}	TELEPHONE MANHOLE
(10)	(10)	PARKING COUNT	T	T	TRANSFORMER PAD
	©10)	COMPACT PARKING STALLS	-0-	•	UTILITY POLE
DYL	DYL			-	
		DOUBLE YELLOW LINE	0-	← I	GUY POLE
SL	SL	STOP LINE	HH T	HH T	GUY WIRE & ANCHOR
		CROSSWALK	PB	□ PB	HAND HOLE
		ACCESSIBLE CURB RAMP		<u> </u>	PULL BOX
Ĕ.	گ	ACCESSIBLE PARKING	Matc	chline	MATCHLINE
Ŷ	گر	VAN-ACCESSIRI E PARKING			MULTICITETINE

VAN-ACCESSIBLE PARKING

	Abbreviations
General	
ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
3 I T	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
<u>E</u> L	ELEVATION
LEV	ELEVATION
X	EXISTING
DN	FOUNDATION
FE	FIRST FLOOR ELEVATION
GRAN	GRANITE
STD	GRADE TO DRAIN
Α	LANDSCAPE AREA
.OD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC .	NOT IN CONTRACT
ITS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
.&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
WLL	SOLID WHITE LANE LINE
ΓS	TOP OF SLOPE
ГҮР	TYPICAL
Jtility	
CB	CATCH DASIN
CWb	CATCH BASIN CORRUGATED METAL PIPE
	CORRUGATED METAL PIPE
00 00	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH -ID	DRAIN MANHOLE
CIP	CAST IRON PIPE
COND	CONDUIT
OIP	DUCTILE IRON PIPE
ES	FLARED END SECTION
-M	FORCE MAIN
:&G	FRAME AND GRATE
*&C	FRAME AND COVER
GI	GUTTER INLET
GT .	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
I H	HANDHOLE
HW	HEADWALL
HYD	HYDRANT
NV	INVERT ELEVATION
=	INVERT ELEVATION
.P	LIGHT POLE
MES	METAL END SECTION
VIV	POST INDICATOR VALVE
PWW	PAVED WATER WAY

RIM ELEVATION

SEWER MANHOLE

UNDERGROUND

UTILITY POLE

POLYVINYLCHLORIDE PIPE

REINFORCED CONCRETE PIPE

TAPPING SLEEVE, VALVE AND BOX

BANDON CCESSIBLE CURB RAMP DJUST DJUST General CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (811 OR 1-800-922-4455) AT LEAST 72 HOURS BEFORE EXCAVATING. 2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS. PPROXIMATE 3. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS.

- 4. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- 5. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 6. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- 7. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
- 8. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 9. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- 10. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND WILL REQUIRE ADHERENCE TO AND REGISTRATION FOR THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND DEWATERING WASTEWATERS FROM CONSTRUCTION ACTIVITIES, EFFECTIVE DECEMBER 31, 2020, OR LATEST.
- 11. STAGING AND STOCKPILE AREAS SHALL NOT BE LOCATED WITHIN ANY WETLAND AND ABUTTING RESOURCE AREA AND SHALL BE LOCATED WITHIN THE LIMITS OF DISTURBANCE.

Utilities

- 1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- 2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- 3. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
- 4. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
- 5. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.

Layout and Materials

- 1. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- 2. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- 3. FINAL LAYOUT SUBJECT TO CONDITIONS ENCOUNTERED IN THE FIELD.

<u>Demolition</u>

- 1. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- 2. THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK
- 3. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Notes

Erosion Control

- 1. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- 2. CONTRACTOR OR QUALIFIED INSPECTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS OR MORE FREQUENTLY AS NEEDED, (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- 3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- 4. CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM AMOUNT OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- 5. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.
- 6. VEGETATIVE SLOPE STABILIZATION WILL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. VEGETATIVE SLOPE STABILIZATION WILL BE USED TO MINIMIZE EROSION ON SLOPES OF 3:1 OR STEEPER. ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER MAY BE ESTABLISHED BY HYDRO-SEEDING OR SODDING. A SUITABLE TOPSOIL, GOOD SEEDBED PREPARATION, AND ADEQUATE LIME, FERTILIZER AND WATER WILL BE PROVIDED FOR EFFECTIVE ESTABLISHMENT OF THESE VEGETATIVE STABILIZATION METHODS. MULCH WILL ALSO BE USED AFTER PERMANENT SEEDING TO PROTECT SOIL FROM THE IMPACT OF FALLING RAIN AND TO INCREASE THE CAPACITY OF THE SOIL TO ABSORB WATER.

Existing Conditions Information

- 1. BASE PLAN: TAKEN FROM 'ALTA/NSPS LAND TITLE SURVEY' BY BARTON & LOGUIDICE DATED
- 2. TOPOGRAPHY: ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988
- 3. WETLANDS, WATERCOURSES, AND INTERMITTENT STREAMS REFERENCED ON THESE SITE PLANS WERE FIELD-DELINEATED BY FLYCATCHER, LLC AND SUMMARIZED IN A REPORT BY FLYCATCHER, LLC, DATED JUNE 6, 2023.

Document Use

- 1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
- 2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.



100 Great Meadow Road Suite 200 Wethersfield, CT 06109 860.807.4300

BESS Installation CT8

44 Skinner Street
East Hampton, Connecticut

Designed by TJM	Checked by SJK
Issued for	Date

Not Approved for Construction

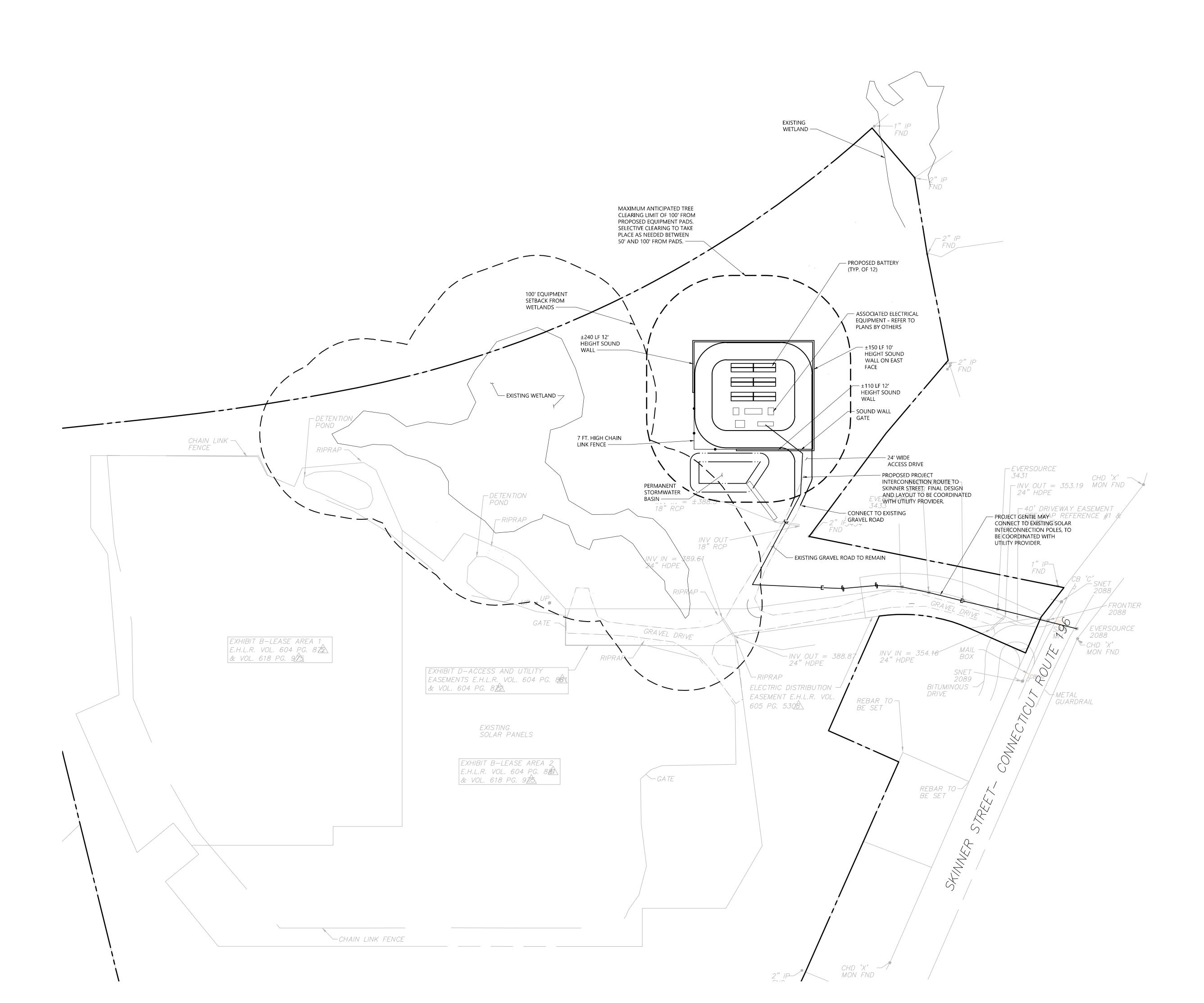
Application

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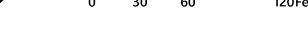
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Project Number
43176 00









BESS Installation CT8

44 Skinner Street
East Hampton, Connecticut

gned by Checked by

TJM SJK

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Drawing Title

Layout and Materials Plan

Drawing Nun

C-2.0



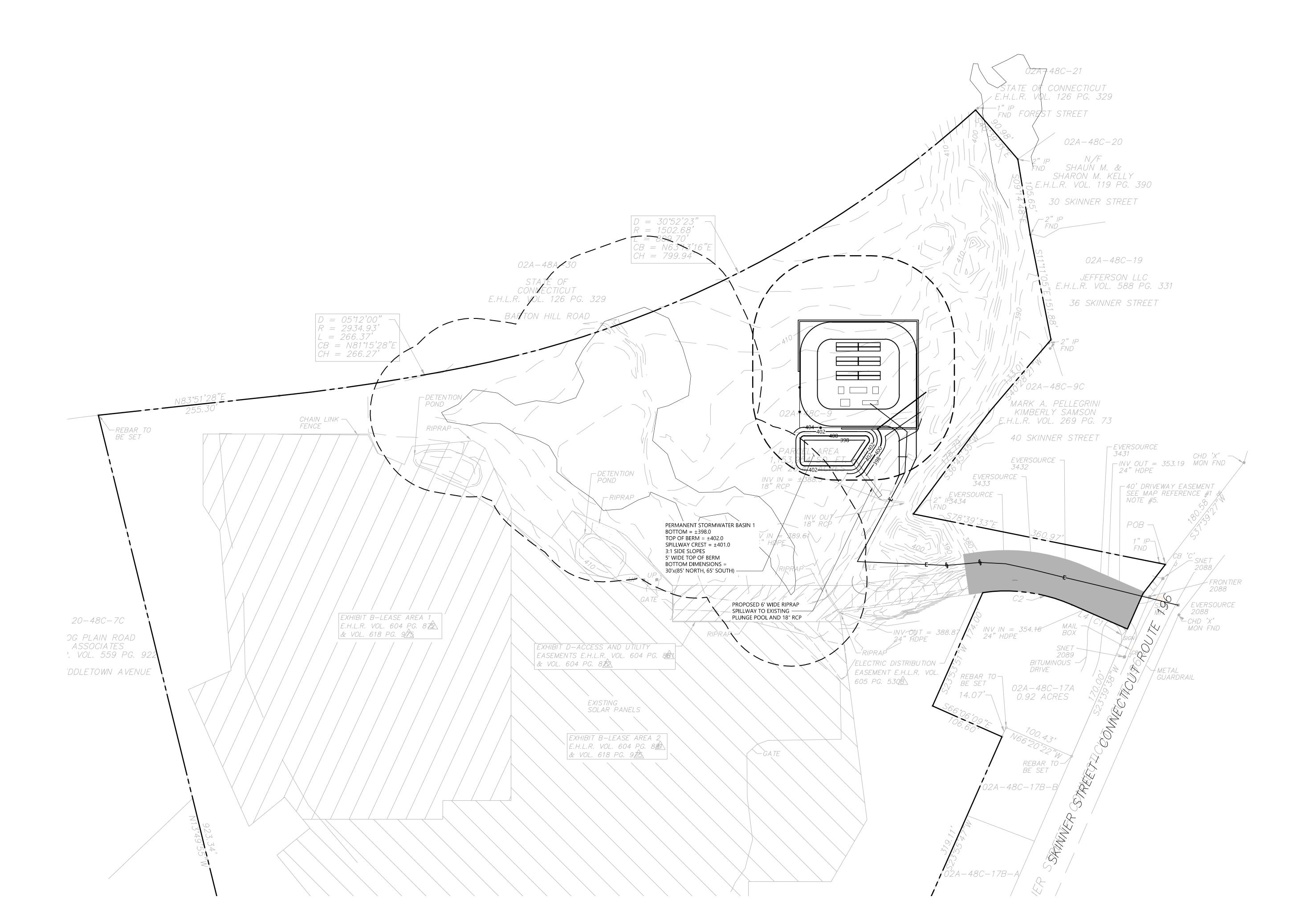
Project Number 43176.00



Suite 200

860.807.4300

Wethersfield, CT 06109







44 Skinner Street
East Hampton, Connecticut

TJM SJK

Issued for Date

Application June 23, 2023

Not Approved for Construction

Drawing Title

Crading 2 Drainage Dla

Grading & Drainage Plan

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Project Number 43176.00

MEASURES EMPLOYED AT THE SITE.

CONSTRUCTION SEQUENCING

- CONSTRUCTION ACTIVITIES ARE EXPECTED TO TAKE UP TO NINE MONTHS. THE GENERAL CONSTRUCTION NOTES ARE AS FOLLOWS:
- 1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, WETLANDS AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. DESIGNATED ACCESS DRIVES MUST BE USED TO THE MAXIMUM EXTENTS POSSIBLE. IT IS REQUIRED THAT THE SITE CONTRACTOR PERFORM A DAILY INSPECTION OF ALL EROSION AND SEDIMENT CONTROL
- 2. A CTDEEP-APPROVED QUALIFIED INSPECTOR SHALL BE ASSIGNED TO BE RESPONSIBLE FOR PERFORMING INSPECTIONS AND PREPARING REPORTS IN ACCORDANCE WITH SECTION 5(B)(4)(B) OF THE CONSTRUCTION GENERAL PERMIT. THESE INSPECTIONS SHALL TAKE PLACE WEEKLY, AT A MINIMUM, AND SHALL BE REQUIRED WITHIN 24 HOURS OF A RAINFALL EVENT EXCEEDING 0.5 INCHES. THE ENGINEER OF RECORD SHALL BE REQUIRED TO REVIEW AND COUNTER-SIGN THE PREPARED WEEKLY REPORTS.
- 3. ENGINEER OF RECORD WILL PERFORM MONTHLY PLAN IMPLEMENTATION INSPECTIONS UNTIL EROSION CONTROLS ARE IN PLACE, OR THE FIRST THREE MONTHS (WHICHEVER IS GREATER) AND WILL PREPARE REPORTS OF THE FINDINGS.
- 4. THROUGHOUT THE COURSE OF THE CONSTRUCTION PROJECT, ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE WARRANTED AT THE DISCRETION OF THE QUALIFIED INSPECTOR AND/OR DESIGN ENGINEER. THESE IMPROVEMENTS MUST BE IMPLEMENTED IN A TIMELY FASHION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION GENERAL
- 5. PRIOR TO CONSTRUCTION, THE APPLICANT SHALL PROVIDE THE TOWN OF EAST HAMPTON WITH THE NAME OF CONTACT AND 24-HOUR CONTACT INFORMATION.
- 6. CONTRACTOR SHALL ADHERE TO 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.
- 7. THE CONTRACTOR SHALL HOLD PRE-CONSTRUCTION MEETING(S). ATTENDEES SHALL INCLUDE, BUT NOT BE LIMITED TO, REPRESENTATIVES OF THE GENERAL CONTRACTOR, SITE CONTRACTOR, CTDEEP, TOWN OF EAST HAMPTON, ENGINEER OF RECORD, AND QUALIFIED SWPPP INSPECTOR.
- 8. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG (1-800-922-4455) PRIOR TO ENGAGING IN ANY EXCAVATION ACTIVITIES AT THE SITE.
- 9. THE CONTRACTOR SHALL NOTIFY THE TOWN OF EAST HAMPTON AGENT, ZONING ENFORCEMENT OFFICER, AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO
- COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. 10. NO CONSTRUCTION OF SITE IMPROVEMENTS MAY BEGIN UNTIL THE PROPER EROSION
- CONTROL MEASURES SERVING THE AREA TO BE DISTURBED ARE IN PLACE.
- 11. ANTICIPATED WORK HOURS WILL BE BETWEEN 7:00 AM AND 5:00 PM. 12. HIGH FLOTATION TIRE EQUIPMENT SHALL BE USED TO THE MAXIMUM EXTENTS PRACTICABLE IN LIEU OF TRACK CONSTRUCTION EQUIPMENT IN AN EFFORT TO AVOID COMPACTION OF THE NATIVE SOILS.

PRE-CONSTRUCTION SITE PROTECTION SEQUENCE

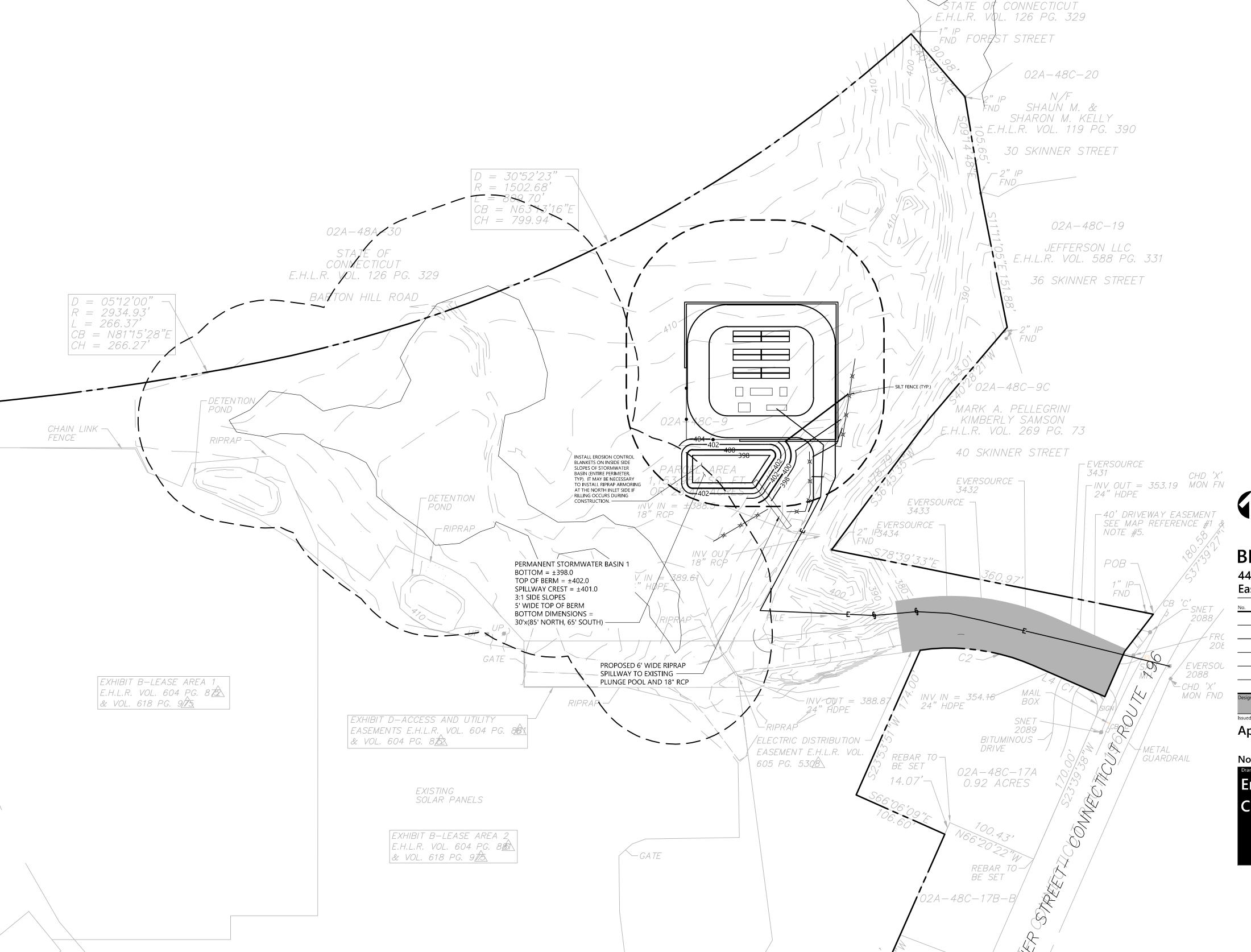
- 1. SURVEY AND MARK ALL WOODLAND CLEARING LIMITS.
- 2. EXISTING ACCESS ROADS SHALL BE DESIGNATED AS EARLY AS FEASIBLE AND USED PRIMARILY FOR CONSTRUCTION TRAFFIC.
- . FIELD SURVEY AND MARK BOUNDARY BETWEEN CLEARING LIMITS AND GRUBBING LIMITS.
- 4. INSTALL EROSION AND SEDIMENT CONTROLS FOLLOWING THE CT GUIDELINES AND MANUFACTURER'S DIRECTIONS. DURING CONSTRUCTION, THE CONTRACTOR SHALL INSTALL MEASURES AS REQUIRED BY THE ENGINEER OF RECORD OR QUALIFIED INSPECTOR, TO PREVENT SEDIMENT-LADEN RUNOFF FROM REACHING WETLANDS OR DISCHARGING OFFSITE.
- 4. INSTALL STORMWATER BASINS AND SEDIMENT TRAPS AS EARLY AS FEASIBLE IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC SWPCP AND CT GUIDELINES. DISCHARGE AREAS BELOW OUTFALLS MUST BE INSPECTED TO CONFIRM FLOW WILL BE OVER STABLE GROUND AND SHEET FLOW IS ENCOURAGED. IF DISTURBED SOILS ARE PRESENT, THE ENGINEER OF RECORD TO PROVIDE CORRECT MEASURES TO ADDRESS CONDITION.
- 5. SEED AND PROTECT DISTURBED SOILS AROUND SEDIMENT TRAPS AND BASINS WITHIN 72 HOURS OF COMPLETION.
- 4. CLEAR AND GRUB VEGETATION PER SITE PLANS.
- 5. THE USE OF A TUB GRINDER IS RECOMMENDED FOR THE MULCHING OF FELLED TREES IF CHIPPED ON SITE. MULCH SHALL NOT BE CAST WIDESPREAD ACROSS SITE AS IT WILL INHIBIT VEGETATIVE GROWTH.
- 6. PERFORM EARTHWORK AND SHAPING ON THE SITE. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM AREAS PROPOSED FOR REGRADING. EXCESS SOIL WHICH IS NOT REUSED IN PROPOSED SITE GRADING AS DEPICTED ON PLANS CAN BE HAULED OFF-SITE.
- 7. TOPSOIL SHALL BE REPLACED OVER REGRADED AREAS UPON COMPLETION OF MASS EARTHWORK ACTIVITIES AND AREAS WHICH WERE DISTURBED BY MASS EARTHWORK
- OPERATIONS SHALL BE RESEEDED WITHIN 72 HOURS OF COMPLETION. 8. THROUGHOUT CONSTRUCTION, THE CONTRACTOR SHALL ADDRESS ONGOING EROSION PROBLEMS USING TEMPORARY DIVERSIONS AND FILLING AND GRADING GULLIES.

CONSTRUCTION SEQUENCE

- INSTALL STABILIZED GRAVEL ROADS.
- INSTALL ELECTRICAL COMPONENTS AND INTERCONNECTION.
- INSTALL SITE FENCING.
- 4. RESEED, REPAVE, AND/OR REPLANT ANY AREAS DISTURBED BY CONSTRUCTION. 5. AFTER SITE IS STABILIZED, AND AFTER INSPECTION BY DESIGN ENGINEER, OR OTHER OWNER'S REPRESENTATIVE, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS. ENTIRE SITE SHALL BE CHECKED FOR AND CLEANED OF SEDIMENT AS NEEDED.



100 Great Meadow Road Suite 200 Wethersfield, CT 06109 860.807.4300







44 Skinner Street East Hampton, Connecticut

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Application

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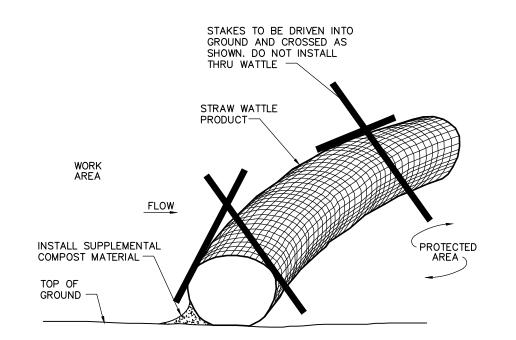
Erosion & Sediment Control Plan

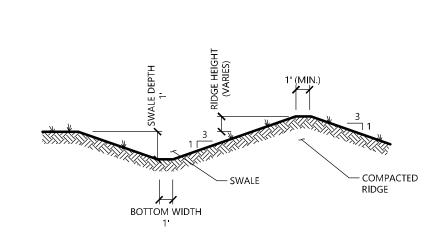
June 23, 2023



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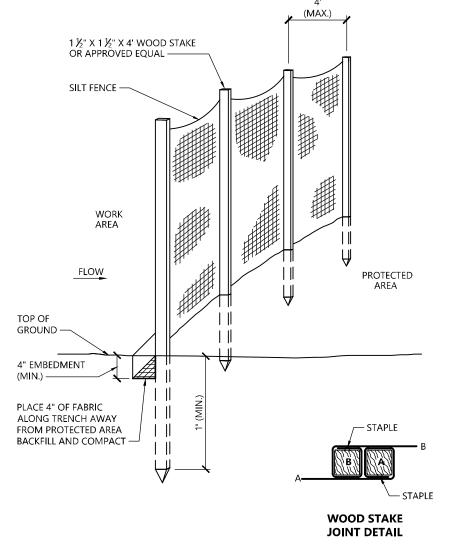
Straw Wattle Installation



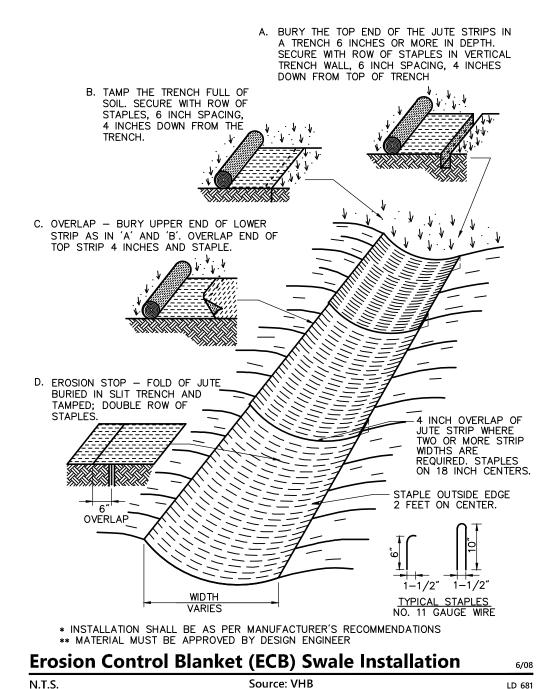


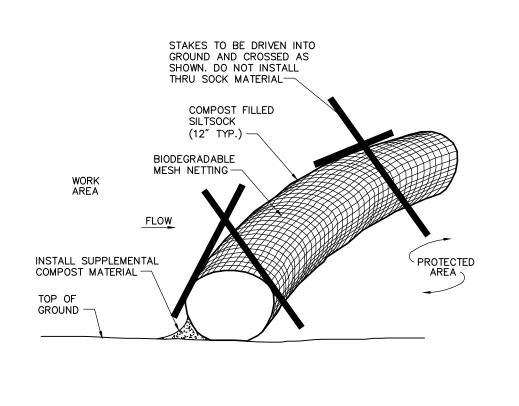
NOTE: 1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1 2. THE INTENT IS TO USE THE MATERIAL EXCAVATED FROM THE SWALE TO CONSTRUCT THE RIDGE. 3. BOTTOM OF SWALE SHALL BE LINED WITH EROSION CONTROL BLANKET.

Source: VHB



Silt Fence Barrier	1/16	
N.T.S.	Source: VHB	LD_650



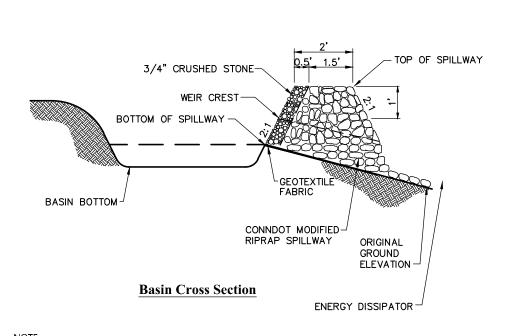




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- 1. SILTSOCK SHALL BE 12" DIAMETER FILTREXX SILTSOXX, OR
- 2. SILTSOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
- SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
- 5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

Compost Filter Sock (CFS)



NOTE: 1. ALL SIDE SLOPES SHALL NOT EXCEED 3:1 2. TOP OF EMBANKMENT SHALL BE 2' (MIN.) WIDTH. 3. SIDE SLOPES OF EMBANKMENT SHALL BE STABILIZED EROSION CONTROL BLANKETS OR AS DIRECTED BY 4. REFER TO "PERMANENT STORMWATER BASIN SIZING" TABLE FOR VARIABLE SIZING.

Spillway Cross Section

NOTE: 1. ALL SIDE SLOPES OF RIPRAP SHALL NOT EXCEED 1:1 2. STONE FOR SPILLWAY SHALL BE ±8" RIPRAP
3. TOP OF EMBANKMENT SHALL BE 5' WIDE. 4. SIDE SLOPES OF EMBANKMENT SHALL BE STABILIZED BY EROSION CONTROL BLANKETS OR AS DIRECTED

Stormwater Basin Spillway

Diversion Swale

N.T.S.

Permanent Stormwater Basin

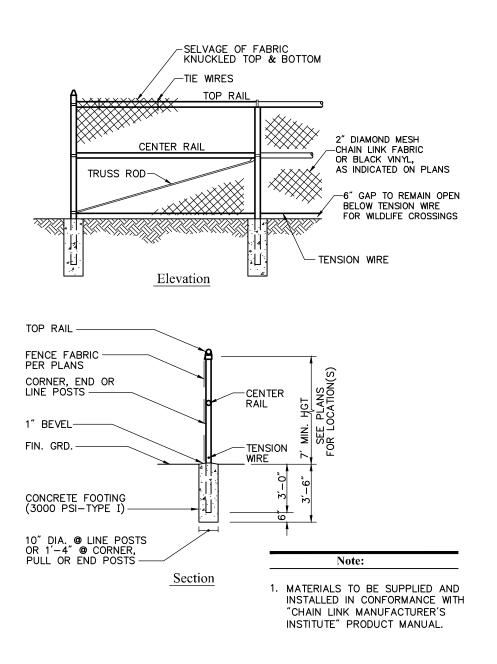




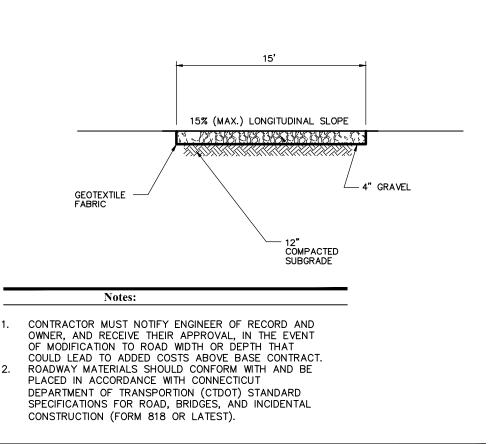
 THE SITE FACILITY SIGN IS A DRAFT SHOWING THE MINIMUM AMOUNT OF INFORMATION THAT WILL BE PROVIDED. SIGN WILL BE 18" X 24".

2. ALL SIGNS WILL BE MOUNTED ONTO THE CHAIN LINK FENCE.

Danger and Site Facility Signs



7' Chain Link Fence N.T.S. Source: VHB REV LD_480



Gravel Access Road N.T.S.

BESS Installation CT8

44 Skinner Street East Hampton, Connecticut

Checked by SJK ´ TJM June 23, 2023 **Application**

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