

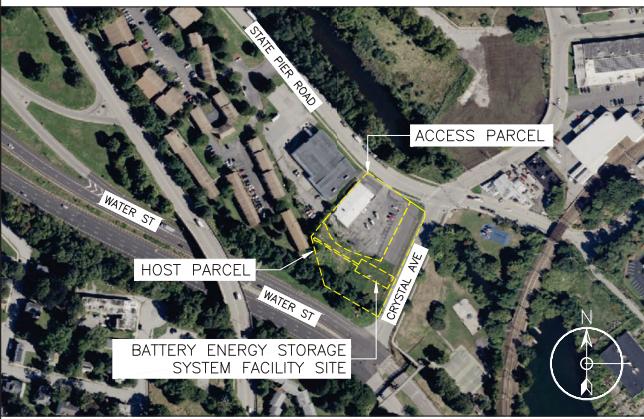
Motion to Reopen Exhibit B– Revised Site Plans

Q CELLS – STATE PIER RD

STATE PIER RD, NEW LONDON, CT 06320

4,896kW/19,584kWh BATTERY ENERGY STORAGE SYSTEM

SITE



SYSTEM SPECIFICATION

BESS	QTY	KW	KWH
TESLA MEGAPACK 2XL	5	979.2	3916.8
TOTAL	5	4896	19584

APPLICABLE CODES:

1. 2020 NATIONAL ELECTRIC CODE (NEC)
2. 2021 INTERNATIONAL BUILDING CODE (IBC)
3. 2022 CONNECTICUT STATE FIRE SAFETY CODE – BASED ON 2021 INTERNATIONAL FIRE CODE (IFC)
4. 2023 NFPA 855
5. 2022 NFPA 110
6. 2022 NFPA 111
7. 2023 NSC

PROJECT TEAM

ENGINEER:
HENRY HOLBROOK HYDE III
HYDE RENEWABLES, INC.
4735 WALNUT STREET, SUITE #110
BOULDER, CO 80301
WWW.HYDERENEWABLES.COM
P: (720) 900-1009

SCOPE OF WORK

INSTALLATION OF A NEW BATTERY ENERGY STORAGE SYSTEM AND ASSOCIATED EQUIPMENT. THE SYSTEM WILL BE INTERCONNECTED IN AN EXISTING MEDIUM VOLTAGE UTILITY VAULT.

SHEET NUMBER	SHEET TITLE
E.000	TITLE PAGE
E.001	GENERAL
E.002	LEGEND
E.010	DETAILS 01
E.011	DETAILS 02
E.012	DETAILS 03
E.013	DETAILS 04
E.100	SITE PLAN
E.101	CONDUIT PLAN
E.110	FIRE & SAFETY
E.120	SITE VICINITY PLAN
E.121	OFFSET PLAN
E.200	SLD
E.210	GND
E.220	CALCS
E.300	SIGNAGE 01
E.400	SPECS 01
E.401	SPECS 02
S.000	STRUCTURAL
E.500	SITE VICINITY MAP
E.501	ENVIRONMENTAL RESOURCES
E.502	ENVIRONMENTAL RESOURCES 2
E.503	ENVIRONMENTAL RESOURCES 3



THESE DRAWINGS AND SPECIFICATIONS HAVE BEEN PREPARED BY HYDE RENEWABLES, INC. FOR THEIR EXCLUSIVE USE IN ACCORD WITH TITLE 20 SEC. 20-300-10 OF THE CONNECTICUT ADMINISTRATIVE CODE.



SCALE: AS NOTED
(PRINT ON 36"X24")

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CB	B	INTN DRAFT 2	02/09/23
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PROJECT #: 069-1000

SHEET TITLE
TITLE PAGE

DRAWN BY CB DATE 02/08/23 CHECKED BY TRIPP HYDE	SHEET # E.000
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CONSTRUCTION NOTES

- DISRUPTION OF ANY BUILDING SYSTEMS, INCLUDING POWER, TELEPHONE, HVAC, ETC., MUST BE COORDINATED AND APPROVED.
- ALL ENERGY STORAGE COMPONENTS AND ELECTRICAL EQUIPMENT MUST BE ANCHORED AND SEISMICALLY BRACED PER APPLICABLE CODES.
- PROJECT SITE MUST BE MAINTAINED IN A CLEAN AND ORDERLY FASHION. ALL TRASH AND DEBRIS MUST BE COLLECTED AND REMOVED ON A DAILY BASIS. ALL MUD AND DEBRIS MUST BE KEPT OUT OF PUBLIC RIGHT-OF-WAYS.
- CONSTRUCTION MATERIALS ON SITE MUST BE PROPERLY STACKED AND PROTECTED IN A SAFE MANNER AS TO PREVENT DAMAGE AND DETERIORATION UNTIL USE.
- PROVIDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY INTO CONSTRUCTION AREAS WHILE MAINTAINING SITE ACCESS TO EMPLOYEES.
- ALL FINISHES AND CONSTRUCTION MUST BE PROTECTED BY THE CONTRACTOR FROM POTENTIAL DAMAGE CAUSED BY CONSTRUCTION ACTIVITY. DAMAGE TO FINISHES OR CONSTRUCTION MUST BE REPAIRED OR REPLACED (OWNER'S DECISION) BY THE CONTRACTOR WITH IDENTICAL MATERIAL AND/OR FINISHES. CONTRACTOR MUST MAKE AND MAINTAIN A PHOTOGRAPHIC RECORD NOTEBOOK DATED/INDEXED PHOTOS.
- ALL TRENCHES AND EXCAVATIONS MUST BE CONSTRUCTED IN STRICT COMPLIANCE WITH THE APPLICABLE SECTIONS OF STATE AND FEDERAL O.S.H.A. REQUIREMENTS AND OTHER APPLICABLE SAFETY ORDINANCES. CONTRACTOR MUST BEAR FULL RESPONSIBILITY FOR TRENCH SHORING DESIGN AND INSTALLATION.
- PROTECTIVE BARRICADES, FENCING, HANDRAILS, AND BRIDGES, TOGETHER WITH WARNING AND GUIDANCE DEVICES AND SIGNS, MUST BE UTILIZED SO THAT PASSAGEWAY FOR PEDESTRIANS, ESPECIALLY DISABLED PERSONS, IS SAFE AND WELL DEFINED.
- WALKWAYS IN CONSTRUCTION AREAS MUST BE MAINTAINED AT LEAST 4 FEET IN WIDTH OR EQUAL TO SIDEWALK/ENTRY WAY WIDTH, WHICHEVER IS GREATER, UNLESS EXPRESSLY PERMITTED OTHERWISE BY THE CUSTOMER IN WRITING; AND MUST BE FREE OF ABRUPT CHANGES IN THE GRADE. THESE WALKWAYS MUST BE CLEARLY MARKED AND PROVIDE SAFE PASSAGE FOR PEDESTRIANS. OBSTRUCTIONS WITHIN THE WALKWAYS MUST BE ILLUMINATED DURING HOURS OF DARKNESS. MINIMUM VERTICAL CLEARANCE TO ANY OBSTRUCTION WITHIN THE WALKWAY MUST BE 6'-8".
- WHERE WALKWAYS, PATHWAYS, OR ACCESS WAYS ARE CLOSED BY THE WORK, AN ADA COMPLIANT, OR ALTERNATE WALKWAY MUST BE PROVIDED, PREFERABLY WITHIN THE IMMEDIATE LOCATION OF THE PATHWAY OR ACCESS WAY TO BE CLOSED. WHERE IT IS NECESSARY TO DIVERT PEDESTRIANS INTO MAJOR DETOUR AND/OR INTO A PARKING LANE OR TRAFFIC AREA, AT NO TIME SHOULD PEDESTRIANS BE DIVERTED INTO A PORTION OF A STREET USED FOR VEHICULAR TRAFFIC. ANY DEVIATION FROM THE ABOVE MUST HAVE PRIOR APPROVAL OF THE CUSTOMER.
- AT LOCATIONS WHERE ADJACENT ALTERNATE WALKWAYS CANNOT BE PROVIDED, ADA COMPLIANT DETOURS WILL BE CLEARLY PLANNED, MARKED, AND CONSTRUCTED. APPROPRIATE SIGNS AND BARRICADES MUST BE INSTALLED AT THE LIMITS OF CONSTRUCTION AND IN ADVANCE OF THE CLOSURE (OR DETOUR) IN ORDER TO DIVERT PEDESTRIANS TO THE APPROPRIATE WALKWAY OR DETOUR.
- ASPHALT AND CONCRETE BARRIERS: ALL ASPHALT TRAFFIC IS RATED. ALL ASPHALT REPAIRS MUST BE REPAIRED TO MATCH ADJACENT BASE COURSE, UNDER COURSE, AND WEARING COURSE. CONTRACTOR MUST COVER ASPHALT TRENCHES WITH HOT MIX ASPHALT, ROLL FOR COMACTION, AND COVER THE WIDTH OF THE TRENCH WITH A SLURRY SEAL AFTER THE CURE PERIOD. CONCRETE MUST BE REPLACED "JOINT TO JOINT" WHEN DISTURBED DURING CONSTRUCTION.
- UNDERGROUND BUILDINGS IN FIRE LANES WILL MEET EXISTING FIRE LANE SPECS AND ROADWAYS WILL MEET EXISTING ROADWAY SPECS. CONTRACTOR MUST SUBMIT CUT SHEETS FOR THESE REPAIRS.
- ENSURE THAT ALL REMAINING ACTIVE AND NEW DRAINAGE AND UTILITY LINES ARE PROTECTED AND UNDAMAGED FROM TRENCHING AND FOOTING EXCAVATIONS FOR NEW FOOTINGS, PARTICULARLY FOR NEW FENCING AND WALLS.
- DELIVERIES MUST BE KEPT AWAY FROM EMPLOYEES BY SEPARATING THE DELIVERY AREA OR ESCORTING THE DELIVERIES WHILE ON SITE.
- ALL SIGNAGE REMOVED DURING THE COURSE OF CONSTRUCTION MUST BE REPAIRED BACK TO ITS ORIGINAL CONDITION.
- ALL EXTERIOR STEEL MUST BE CORROSION RESISTANT, HOT DIPPED GALVANIZED OR GALVANIZED WITH COATED FINISH.
- OPENINGS AROUND ELECTRICAL PENETRATIONS INTO OR THROUGH FIRE-RESISTANT RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRESTOPPED USING APPROVED METHODS AND MATERIALS ACCORDING TO MANUFACTURER'S INSTALLATION REQUIREMENTS TO MAINTAIN FIRE RESISTANCE RATINGS PER NEC 300.21 AND IBC 714.4.
- PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL NOT BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT PER NEC 110.26(E)(1)(A).
- CONTRACTOR SHALL ADHERE TO 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL, AS AMENDED.

WIRING AND WIRING METHODS

- ALL GROUNDED CONDUCTORS MUST BE COLOR-CODED IN COMPLIANCE WITH NEC ARTICLE 200.6.
- ALL DC EQUIPMENT AND COMPONENTS MUST BE LISTED FOR USE AT 1000VDC UON.
- ALL CONDUCTORS IN VERTICAL RACEWAYS MUST COMPLY WITH NEC ARTICLE 300.19(A), 300.19(B), 376.30(B), AND TABLE 300.19(A).
- ALL CONNECTIONS AND CONNECTORS MUST BE TORQUED PER DEVICE LISTING OR MANUFACTURER'S RECOMMENDATIONS.
- WIRE NUTS MUST NOT BE USED ON ENERGY STORAGE CONDUCTORS. SPLICES AND CONNECTORS MUST BE INSULATED BY APPROVED MEANS. UL LISTED ELECTRICAL TAPE ALONE IS NOT SUITABLE AS THE ONLY INSULATION MEANS.
- ENERGY STORAGE OUTPUT CIRCUITS, AND INVERTER OUTPUT CIRCUITS MUST BE PROTECTED IN ACCORDANCE WITH NEC ARTICLE 240.
- PROTECTIVE BUSHINGS MUST BE USED FOR ALL CONDUIT CONNECTIONS.

WIRING AND BONDING METHODS

- GROUND AND BOND ALL EQUIPMENT, SUPPORTING STRUCTURES, MOUNTS, RACEWAYS, PANELBOARDS, SWITCHBOARDS, ETC., IN ACCORDANCE WITH NEC ARTICLE 250 AND 690.43.
- THE EQUIPMENT GROUNDING CONNECTION TO ANY MODULE OR COMPONENT OF THIS STORAGE SYSTEM MUST BE ARRANGED SUCH THAT REMOVAL FROM THE SYSTEM DOES NOT INTERRUPT THE GROUND FAULT PATH OF ANY COMPONENT WITHIN THE SYSTEM.
- ALL GROUNDING AND BONDING EQUIPMENT MUST BE LISTED AND USED IN ACCORDANCE WITH ITS LISTING.

INVERTER NOTES

- INVERTER MUST HAVE GROUND FAULT DETECTION NOTIFICATION AND INTERRUPTION FOR DC CIRCUITS SUPPLYING POWER TO IT PER NEC 690.41(B).
- THE INVERTERS MUST AUTOMATICALLY DE-ENERGIZE THEIR OUTPUT TO THE CONNECTED ELECTRICAL SYSTEM UPON LOSS OF VOLTAGE IN THAT SYSTEM, AND MUST REMAIN IN THAT STATE UNTIL THE VOLTAGE HAS BEEN RESTORED IN COMPLIANCE WITH NEC ARTICLE 690.61.
- ALL SOLAR AND STORAGE INVERTERS MUST BE UL-LISTED OR MUST OBTAIN UL FIELD CERTIFICATION.

EQUIPMENT NOTES

- ALL EQUIPMENT MUST BE LISTED/LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
- ALL DEVICES AND EQUIPMENT INSTALLED OUTDOORS OR EXPOSED TO THE WEATHER MUST BE OF WEATHERPROOF CONSTRUCTION AND RATED FOR UV EXPOSURE.
- ALL FIELD-INSTALLED JUNCTION, PULL, AND OUTLET BOXES LOCATED BEHIND MODULES MUST BE ACCESSIBLE DIRECTLY OR BY DISPLACEMENT OF THE MODULE(S) SECURED BY REMOVABLE FASTENERS.
- PROVIDE "WARNING: POTENTIAL ARC FLASH HAZARD" LABEL FOR ALL SWITCHBOARDS, PANELBOARDS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS PER NEC ARTICLE 110.16. "FLASH PROTECTION" APPLIES TO DESIGNATED SCOPE OF WORK ONLY.

EQUIPMENT PADS AND CONDUIT ROUTING

- CONDUIT ROUTING IS DIAGRAMMATIC IN NATURE. EXACT ROUTING AND LOCATIONS WILL BE COORDINATED IN FIELD UON.
- FOR EXPANSION COUPLING REFER NEC 300.7(B)

CODES

- ALL COMPONENTS MUST BE DESIGNED, MANUFACTURED, AND TESTED IN ACCORDANCE WITH THE LATEST APPLICABLE STANDARDS OF NEMA, ANSI, NEC, AND UL.
- SPECIFIC REQUIREMENTS FOR INDIVIDUAL COMPONENTS OF ANY POWER SYSTEMS INCLUDE BUT ARE NOT LIMITED TO THE GUIDELINES SHOWN HEREIN.
- THE WORK ON THE PROJECT MUST BE DESIGNED AND INSTALLED IN ACCORDANCE WITH BASED ON THE NATIONAL ELECTRIC CODE AND WITH THE LATEST EDITION OF ALL APPLICABLE CODES, STANDARDS, AND RECOMMENDATIONS OF THE FOLLOWING AGENCIES:

- * ANSI – AMERICAN NATIONAL STANDARDS INSTITUTE
- * ASCE – AMERICAN SOCIETY OF CIVIL ENGINEERS
- * ADA – AMERICAN DISABILITIES ACT
- * ASME – AMERICAN SOCIETY OF MECHANICAL ENGINEERS
- * ASTM – AMERICAN SOCIETY FOR TESTING AND MATERIALS
- * CBMA – CERTIFIED BALLOON MANUFACTURERS ASSOCIATION
- * EIA – ELECTRONIC INDUSTRY ASSOCIATION
- * ETL – ELECTRICAL TESTING LABORATORIES
- * IBC – INTERNATIONAL BUILDING CODE
- * IEEE – INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
- * IESNA – ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
- * IEC – INSULATED CABLE ENGINEERS ASSOCIATION
- * IAEI – INTERNATIONAL ASSOCIATION OF ELECTRICAL INSPECTORS
- * IPCEA – INSULATED POWER CABLE ENGINEERS ASSOCIATION
- * IPMPV – INTERNATIONAL PERFORMANCE MEASUREMENTS AND VERIFICATION PROTOCOL
- * NFPA – NATIONAL FIRE PROTECTION ASSOCIATION
- * NEMA – NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- * NESC – NATIONAL ELECTRICAL SAFETY CODE
- * NETA – NATIONAL ELECTRICAL TESTING ASSOCIATION
- * NEC – NATIONAL ELECTRICAL CODE
- * NECA – NATIONAL ELECTRIC CONTRACTORS ASSOCIATION
- * OSHA – OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- * UL – UNDERWRITERS LABORATORY

INSPECTIONS

ALL THIRD PARTY TESTING, INSPECTIONS, AND LABELING OF SERVICE EQUIPMENT TO BE PERFORMED BY A NRTL SUCH AS INTERTEK.

ABBREVIATIONS

AC – ALTERNATING CURRENT	NC – NORMALLY CLOSED
AFC – AVAILABLE FAULT CURRENT	NC – NOT IN SCALE
AFG – ABOVE FINISH GRADE	NIS – NOT IN SCALE
AFI – ABOVE FINISH FLOOR	NTS – NOT TO SCALE
AMC – AMPERES INTERRUPT CURRENT	NEC – NATIONAL ELECTRICAL CODE
AL – ALUMINUM CONDUCTOR OR BUS	NO – NORMALLY OPEN
ATS – AUTOMATIC TRANSFER SWITCH	NRTL – NATIONALLY RECOGNIZED TESTING LABORATORY
AWG – AMERICAN WIRE GAUGE	NS – NO SCALE
BSCW – BARE STRANDED COPPER WIRE	NL – NIGHT LIGHT, TIME CLOCK, OR PHOTOCELL
BTCW – BARE TINNED COPPER WIRE	CONTROLLED LUMINAIRE
C – CONDUIT	OAE – OR APPROVED EQUIVALENT
CE – CONCRETE ENCASED	OC – ON CENTER
CO – CONDUIT ONLY	OCP – OVERCURRENT PROTECTION
COMM – COMMUNICATIONS CIRCUIT OR CONDUIT AS NOTED	OCPD – OVERCURRENT PROTECTION DEVICE
COU – CONDITIONS OF USE	O/H – OVERHEAD
CPY – CANOPY	OVP – OVERVOLTAGE PROTECTION
CT – CURRENT TRANSFORMER	PG&E – PACIFIC GAS & ELECTRIC
CU – COPPER CONDUCTOR OR BUS	PT – POTENTIAL TRANSFORMER
DAS – DATA ACQUISITION SYSTEM	PV – PHOTOVOLTAIC
DC – DIRECT CURRENT	PVC – POLYVINYL CHLORIDE CONDUIT
DE – DIRECT BURIED	PMRS – PERFORMANCE MONITORING AND REPORTING
DISC – DISCONNECT	POCC – POINT OF COMMON COUPLING
(E) – EXISTING	POT – PATH OF TRAVEL
EGC – EQUIPMENT GROUND CONDUCTOR	RAC – RIGID ALUMINUM CONDUIT
EQ – EQUAL	RMT – RIGID METAL CONDUIT
EMT – ELECTRICAL METALLIC TUBING	RSD – RAPID SHUTDOWN DEVICE
ESS – ENERGY STORAGE SYSTEM	RSS – RAPID SHUTDOWN SYSTEM
FBO – FURNISHED BY OTHERS	(R) – REMOVE
FIO – FURNISHED AND INSTALLED BY OTHERS	(RL) – RELOCATE, RELOCATED
FLA – FULL LOAD AMPS	SLD – SINGLE LINE DIAGRAM
FMT – FLEXIBLE METALLIC TUBING	SPD – SURGE PROTECTIVE DEVICE
GEC – GROUND ELECTRODE CONDUCTOR	S/S – STAINLESS STEEL
GFCI – GROUND FAULT CURRENT INTERRUPTER	STP – SHIELDED TWISTED PAIR
GFP – GROUND FAULT PROTECTION	SSBJ – SURFACE SIDE BONDING JUMPER
GND – GROUND	STD – STANDARD TEST CONDITIONS
GRC – GALVANIZED RIGID CONDUIT	TYP – TYPICAL
HH – HANDBOLE	TVSS – TRANSIENT VOLTAGE SURGE SUPPRESSOR
IBO – INSTALLED BY OTHERS	U/G – UNDERGROUND
IG – ISOLATED GROUND CONDUCTOR	UON – UNLESS OTHERWISE NOTED
IMC – INTERMEDIATE METAL CONDUIT	UTP – UNSHIELDED TWISTED PAIR
ISC – SHORT CIRCUIT CURRENT	VD – VOLTAGE DROP
ISCW – INSULATED STRANDED COPPER WIRE	VOC – OPEN CIRCUIT VOLTAGE
KAIC – KILOAMPERES INTERRUPT CURRENT	W – WALL MOUNTED
KVA – KILOVOLT-AMPERES	WP – EQUIPMENT OF WEATHERPROOF CONSTRUCTION
KW – KILOWATTS	OR DESIGN
LFMC – LIQUIDTIGHT FLEXIBLE METAL CONDUIT	WW – WIREWAY
MCA – MINIMUM CIRCUIT AMPERES	XFMR – TRANSFORMER
MLO – MAIN LUGS ONLY	
MLPE – MODULAR LEVEL POWER ELECTRONICS	
MT – MONITORING	
MVPS – MEDIUM VOLTAGE POWER STATION	
(N) – NEW	



qcells
Completely Clean Energy

THESE DRAWINGS AND
SPECIFICATIONS HAVE BEEN
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20-300-10 OF THE CONNECTICUT
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SCALE: AS NOTED
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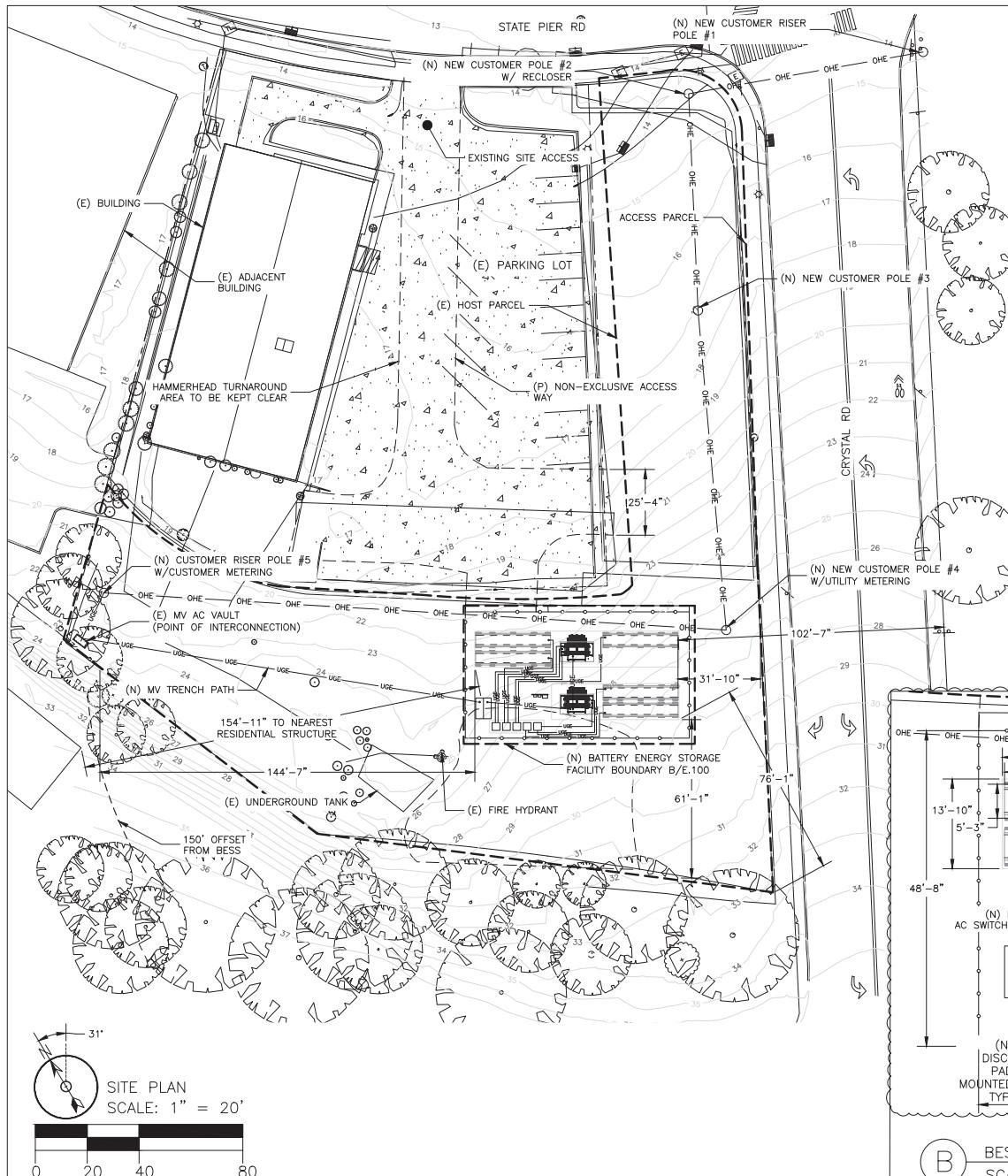
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SHEET TITLE
GENERAL

DRAWN BY
CB
DATE
02/08/23
CHECKED BY
TRIPP HYDE
E.001



GENERAL NOTES:

1. EMERGENCY AND SERVICE VEHICLES WILL BE ABLE TO PARK WITHOUT OBSTRUCTING THE INGRESS AND EGRESS FROM SITE TO STATE PIER ROAD
2. OWNER WILL ENSURE TO KEEP THE INGRESS, EGRESS, AND PATHWAY CLEAR FOR EMERGENCY AND SERVICE VEHICLES
3. EMERGENCY AND SERVICE VEHICLES WILL HAVE SUFFICIENT SPACE TO TURN AROUND ON THE GRAVEL ROAD
4. FINAL POLE LOCATIONS TO BE DETERMINED BY UTILITY



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SHEET TITLE
SITE PLAN

DRAWN BY CB	SHEET #
DATE 02/08/23	E.100
CHECKED BY TRIPP HYDE	

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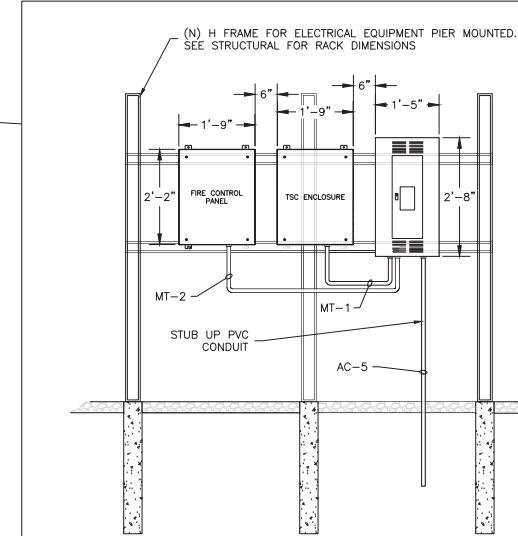
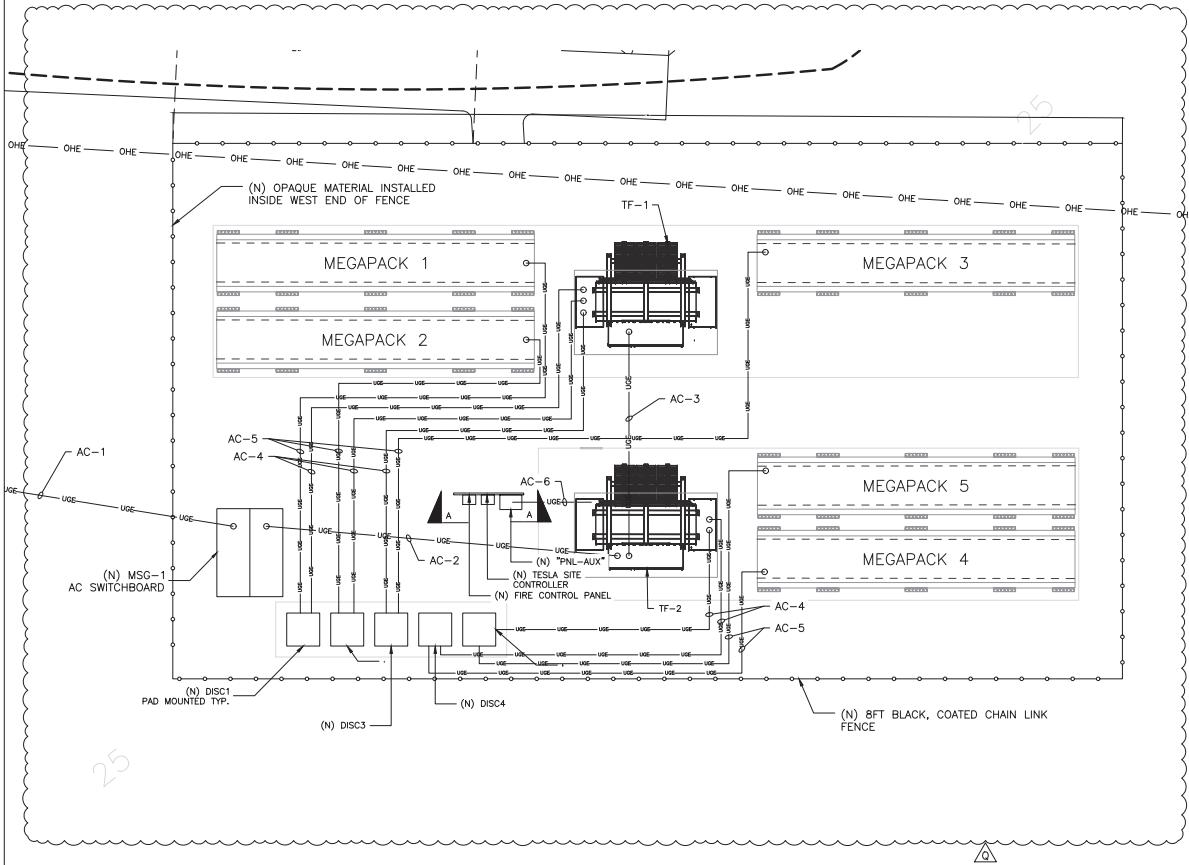
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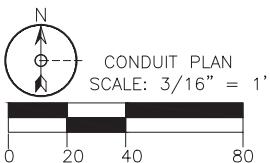
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E.101

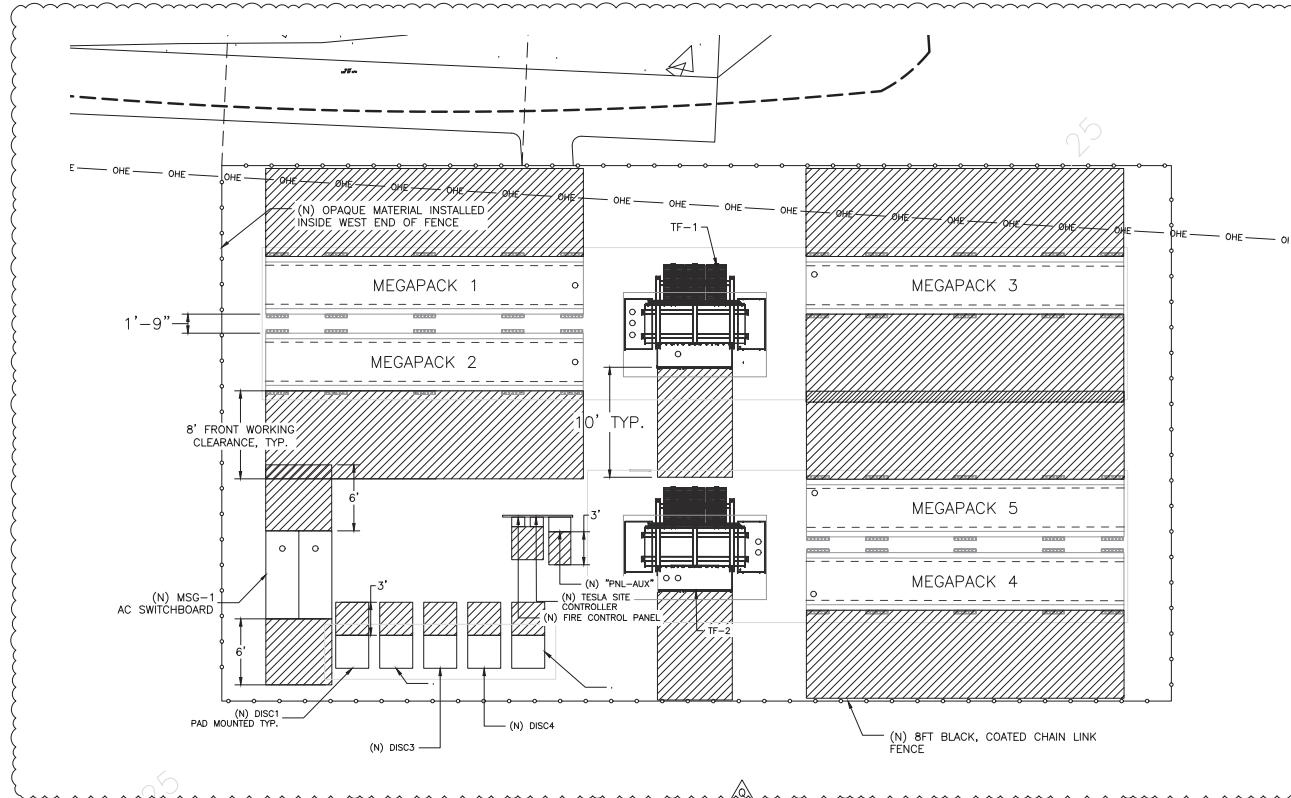


NOTES:
 1) DISTRIBUTION PANEL SHALL BE INSTALLED PER NEC 404.8(A), WHICH STATES THAT CIRCUIT BREAKERS SHOULD BE INSTALLED SO THAT THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF THE CIRCUIT BREAKER, WHEN IN THE HIGHEST POSITION WILL NOT BE MORE THAN 6'-7" ABOVE THE FLOOR

(A) EQUIPMENT RACK ELEVATION
 SCALE: N.T.S



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N

 FIRE AND SAFETY
 SCALE: 3/16" = 1'

 0 20 40 80

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CB	B	INTN DRAFT 2	02/09/23
BY	REV	ISSUE DATE	

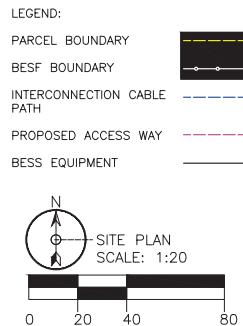
PROJECT NAME AND ADDRESS
 HYDE RENEWABLES, INC
 4735 WALNUT ST, SUITE #110
 BOULDER, CO 80301
 INFO@HYDERENEWABLES.COM
 720-900-1009
 WWW.HYDERENEWABLES.COM

PROJECT NAME AND ADDRESS
 Q CELLS
 STATE PIER RD
 STATE PIER RD
 NEW LONDON, CT 06320
 LAT=N 41° 21'38.4"
 LON=W 72° 05'56.0"

PROJECT #: 069-1000

SHEET TITLE
 FIRE & SAFETY

DRAWN BY CB	SHEET # E.110
DATE 02/08/23	
CHECKED BY TRIPP HYDE	



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SCALE: AS NOTED
(PRINT ON 36" x 24")

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RK	M	AM. COMMENTS	03/13/23
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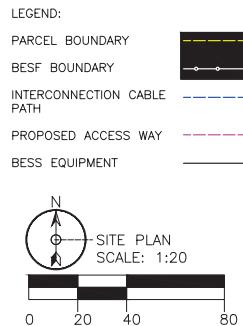
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SHEET RULES
 SITE VICINITY PLAN

DRAWN BY CB	SHEET #
DATE 02/08/23	
CHECKED BY TRIPP HYDE	E.120



HYDE RENEWABLES
ADVANCED ENGINEERING SOLUTIONS

qcells
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PROJECT #: 069-1000

SHEET TITLE
OFFSET PLAN

DRAWN BY CB	SHEET # E.121
DATE 02/08/23	
CHECKED BY TRIPP HYDE	



The Litelink® Slat is one of the most economical chain-link enhancement products available in the market today.

Manufactured using the same durable outdoor plastic as our standard tubular fence slats, this single wall "M" shaped slat will give you the visual screening and color enhancement you desire at a very affordable price. Litelink also uses our innovative Bottom Locking system for fast and easy installation.

Design

Compact and lightweight, Litelink's unique shape enables the slat to self stack. It comes in a box (2' x 5' x slat length) making it easy to ship and efficient to store.

Standard Heights

4, 5, 6, 7, 8, 10 and 12 feet. Special heights available upon request.

Slat Length

3/8" shorter than the overall height of fence.

Bottom Locking Channel

10 feet provided in each bag.

Wind Load & Privacy Factor

Approximately 75%.

SLAT PROFILE



*Exact representation of slat colors in printing is difficult. Please refer to actual color samples for final matching.

Covered by one or more of the following patents: US Patent 6,068,243 / 5,165,684 / 5,234,199

www.PrivacySlatKing.com | (800) 878-7829 | Sales@PrivacySlatKing.com

PRODUCT SPECIFICATIONS

Slat Type	Slat Width	Mesh Size	Wire Gauge	Slats Per Bag	Approx. Coverage Per Box
Litelink®	1 1/4"	2" 2 1/4" or 2 3/8"	9, 11 or 11 1/2	82	10 linear feet

Materials

The Litelink product is extruded from High Density Polyethylene (HDPE), color pigments and ultra-violet (UV) inhibitor, specifically designed to retard the harmful effects of the sun and lengthen the life of the product.

Durability

Pexco HDPE Fence Products are resistant to severe weather conditions, salt water, sand, road salt, most acids, alcohol, alkaline, ammonia, petroleum distillates, and common environmental pollutants.

Maintenance

Pressure cleaning of surface contaminants is quickly accomplished with plain water.

Wind Load Disclaimer

Pexco will not be responsible for damage due to wind load conditions resulting from insufficient structural support.

Limited Warranty

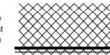
Litelink carries a 7-year, pro-rata warranty against breakage under normal conditions. Write Pexco for full warranty information.

HDPE Technical Properties

Property	Value
Melt Index	(.35) Optimum extrusion processing conditions for Fence Slat
Density	(.945) Polyethylene ranges anywhere from .914 to .960 in density
Minimum Temp.	(-70°) Under no stress, HDPE remains flexible at this temperature
Maximum Temp.	(180°) Under no stress, HDPE will not distort at this temperature
Tensile Strength	(3,700 psi) HDPE will not submit to lesser loads or impacts

Installation Instructions

Step 1



Step 2



Step 3



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SHEET TITLE
SPECs 02

DRAWN BY
CB
DATE
02/08/23
CHECKED BY
TRIPP HYDE
SHEET #
E.401



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SITE VICINITY MAP			
BUSINESS NAME	ADDRESS	PROPERTY ID	
CEFALU NEW LONDON LLC	163 STATE PIER ROAD	F10-247-5	
CITY OF NEW LONDON	40 CRYSTAL AVENUE	F09-246-1	
KERNOZEK HOLDING COMPANY LLC	6 STATE PIER ROAD	G09-244-22	
CITY OF LONDON	CRYSTAL AVENUE	F10-237-1	
STATE OF CONNECTICUT	CONNECTICUT STATE ROUTE 32	STATE ROUTE	
VESTA WINTHROP	59 FEDERAL STREET	F11-206-2	
CHILD AND FAMILY AGENCY OF SOUTHEASTERN CT	255 HEMPSTEAD STREET	F10-247-1	
STATE OF CONNECTICUT	264 HEMPSTEAD STREET	F10-248-15	
VESTA WINTHROP GROUP LLC	HUNTINGTON STREET	F09-247-07	
ERIC FILARDI REALTY LLC	145 STATE PIER ROAD	F09-247-4	

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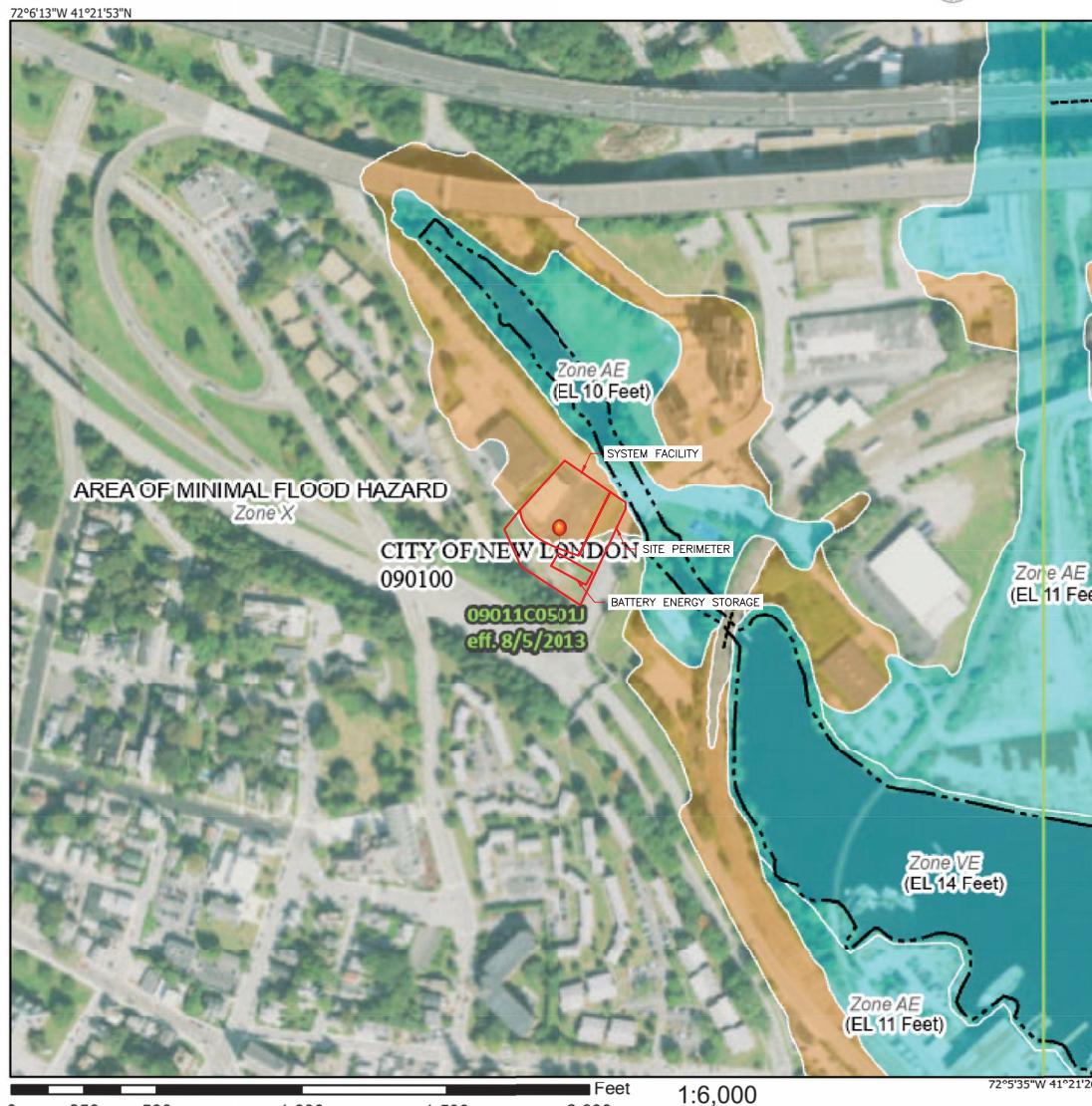
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SHEET TITLE
SITE VICINITY MAP

DRAWN BY	SHEET #
CB	
DATE	
02/08/23	
CHECKED BY	
TRIPP HYDE	E.500

National Flood Hazard Layer FIRMette



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X	
Future Conditions 1% Annual Chance Flood Hazard Zone X	
Area with Reduced Flood Risk due to Levee. See Notes. Zone X	
Area with Flood Risk due to Levee Zone D	
NO SCREEN Area of Minimal Flood Hazard Zone X	
Effective LOMRs	
Area of Undetermined Flood Hazard Zone D	
GENERAL STRUCTURES	<ul style="list-style-type: none"> --- Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
OTHER FEATURES	<ul style="list-style-type: none"> 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation 17.9 Coastal Transect 8 - - - Base Flood Elevation Line (BFE) — Limit of Study — Jurisdiction Boundary --- Coastal Transect Baseline - - - Profile Baseline — Hydrographic Feature
MAP PANELS	<ul style="list-style-type: none"> □ Digital Data Available □ No Digital Data Available □ Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/6/2024 at 12:26 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



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SHEET TITLE
ENVIRONMENTAL
RESOURCES

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TRIPP HYDE

SHEET #
E.501