

LOCATION MAP  
SCALE: 1"=2000'

**BULK REQUIREMENTS**  
**LI (LIGHT INDUSTRIAL) ZONE**  
**USE GROUP "N/A"**

	MINIMUM REQUIRED	MAXIMUM ALLOWED
MINIMUM LOT AREA (SQ. FT.)	N/A	
LOT WIDTH (FT.)	N/A	
FRONT SETBACK (FT.)	N/A	
FRONT YARD (FT.)	N/A	
SIDE SETBACK (FT.)	N/A	
TOTAL SIDE SETBACK (FT.)	N/A	
SIDE YARD (FT.)	N/A	
SIDE YARD 25' OF A RESIDENTIAL DISTRICT BOUNDARY (FT.)	N/A	
REAR SETBACK (FT.)	N/A	
REAR YARD (FT.)	N/A	
REAR YARD 25' OF A RESIDENTIAL DISTRICT BOUNDARY (FT.)	N/A	
STREET FRONTAGE (FT.)	N/A	
FLOOR AREA RATIO	N/A	
BUILDING HEIGHT (FT.)	N/A	
BUILDING COVERAGE (%)	N/A	

**SHEET INDEX**

1. SITE PLAN
2. ELECTRICAL SERVICE TRANSMISSION PLAN & ENLARGED SITE & SEDIMENT & EROSION CONTROL PLAN
3. SITE DETAILS

**RECORD OWNER**

WARWICK VALLEY BBA LLC  
P.O. BOX 469  
WARWICK NY 10990

**APPLICANT**

CONVERGENT ENERGY + POWER  
7 TIMES SQUARE TOWER, SUITE 3504  
NEW YORK, N.Y. 10036

NO.	DESCRIPTION	DATE
3	O&R SOURCE DATA ADDED TO PLANS	09-10-20
2	REVISED PER PLANNING BOARD COMMENTS DATED 08-04-20	08-06-20
1	REVISED PER PLANNING BOARD COMMENTS DATED 07-06-20	07-16-20

**SITE PLAN**

**PROPOSED BATTERY ENERGY STORAGE SYSTEM AREA**  
PREPARED FOR

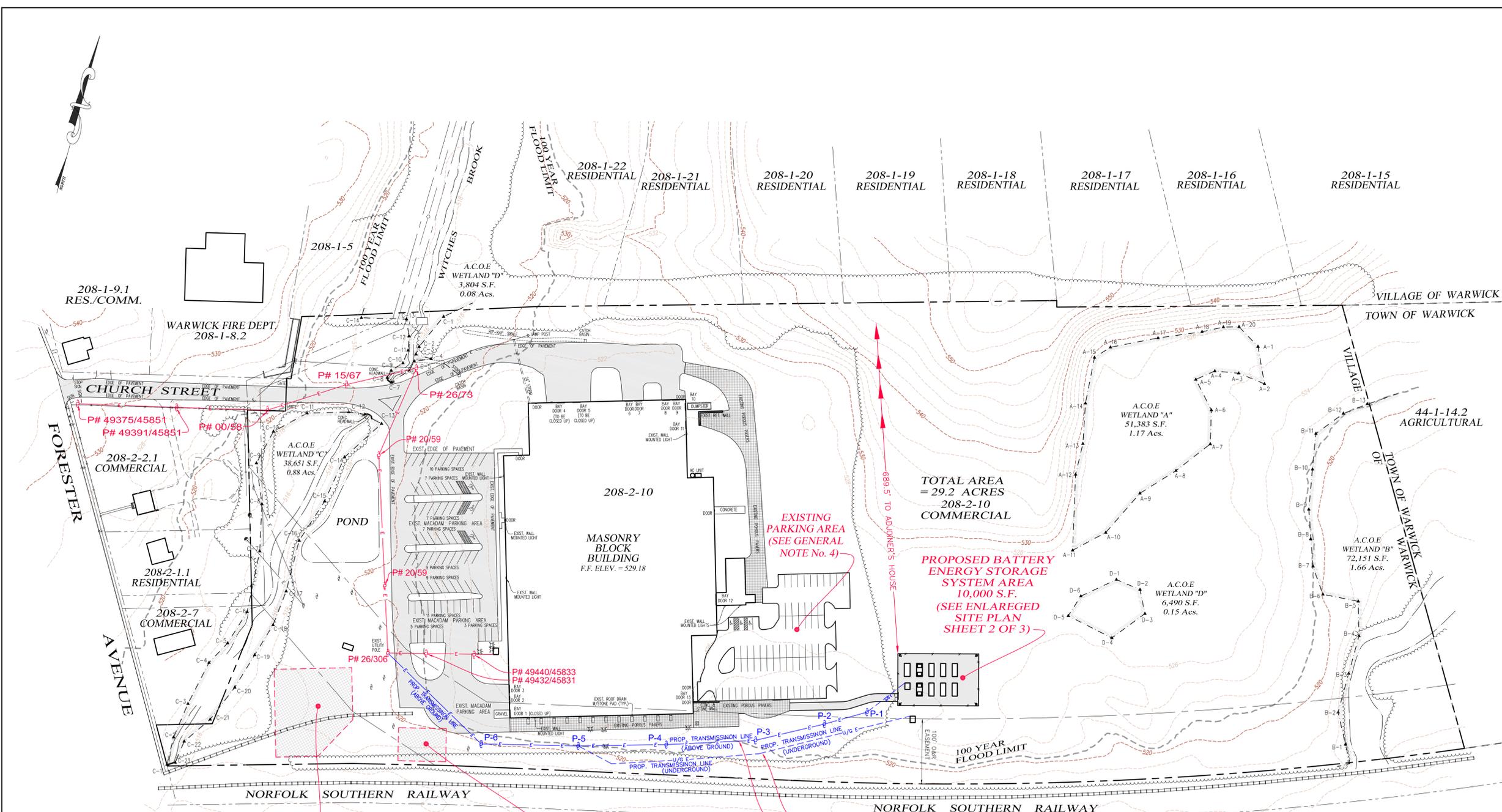


SECTION 208 BLOCK 2 LOT 10  
VILLAGE OF WARWICK - ORANGE COUNTY - NEW YORK

**ERS ENGINEERING CONSULTANTS, P.C.**

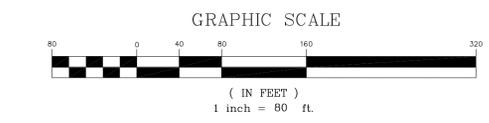
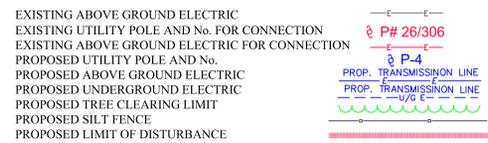
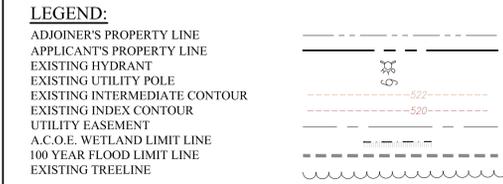
PHONE: (845) 987-1775 FAX: (845) 987-1788  
11 FORESTER AVE., WARWICK, NEW YORK 10990

SCALE:	DATE:	JOB NO.	SHEET NO.
1"=80'	03-31-20	3121	1 OF 3



- GENERAL NOTES:**
1. TOPOGRAPHIC DATA PREPARED BY ERS CONSULTANTS, INC.
  2. WETLAND DELINEATION PREPARED ERS CONSULTANTS ON 03-11-20.
  3. FLOOD MAPPING PER FIRM PANEL No. 36071C046E DATED 08-03-09.
  4. EXISTING PARKING AREA: PERMIT ISSUED ON 03-16-20 FROM THE VILLAGE OF WARWICK BUILDING DEPT.

**REFERENCE SITE PLAN:**  
SITE PLAN ENTITLED "SITE PLAN PREPARED FOR WARWICK VALLEY BBA, LLC & CACTUS PETE BEEF JERKY, LLC" PREPARED BY ERS ENGINEERING CONSULTANTS, P.C. AND DATED: 05-13-16. LAST REVISION DATE: 07-20-16



JOHN D. FULLER, P.E.

PROFESSIONAL ENGINEER  
N.J. LIC. NO. 42708  
N.Y. LIC. NO. 077703

DEED RESTRICTED SEWER MH AREA  
LIBER 12090 PAGE 649

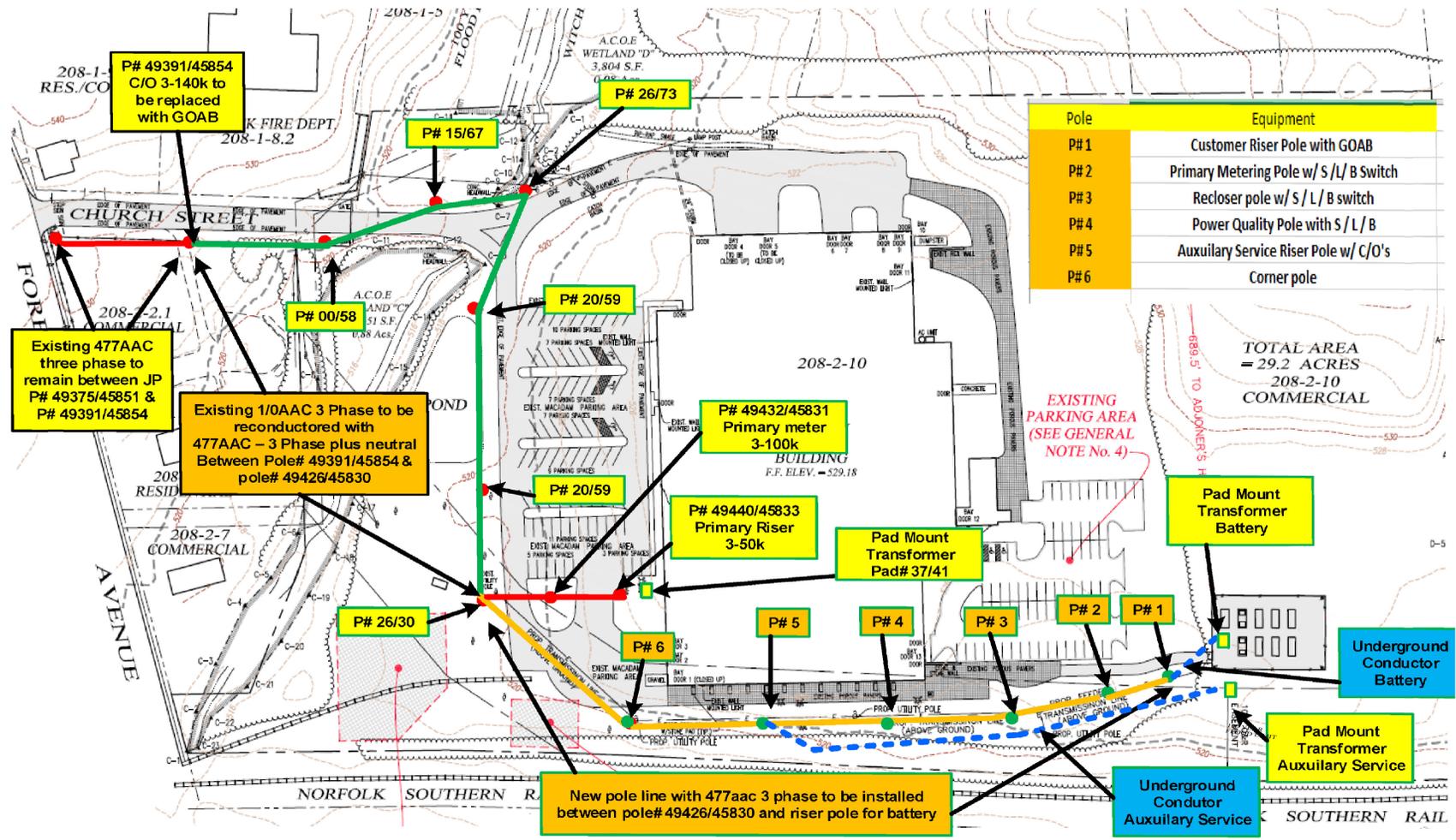
DEED RESTRICTED AREA FOR WWTF  
LIBER 12090 PAGE 649

PROPOSED ELECTRICAL SERVICE  
(SEE ELECTRICAL SERVICE TRANSMISSION PLAN SHEET 2 OF 3)

PROPOSED BATTERY ENERGY STORAGE SYSTEM AREA  
10,000 S.F.  
(SEE ENLARGED SITE PLAN SHEET 2 OF 3)

EXISTING PARKING AREA  
(SEE GENERAL NOTE No. 4)

TOTAL AREA = 29.2 ACRES  
208-2-10 COMMERCIAL



**ELECTRICAL SERVICE TRANSMISSION PLAN**  
(SOURCE: ORANGE & ROCKLAND UTILITIES)  
SCALE: 1"=80'

**LEGEND:**

ADJOINER'S PROPERTY LINE	---
APPLICANT'S PROPERTY LINE	---
EXISTING HYDRANT	⊕
EXISTING UTILITY POLE	⊕
EXISTING INTERMEDIATE CONTOUR	---
EXISTING INDEX CONTOUR	---
UTILITY EASEMENT	---
A.C.O.E. WETLAND LIMIT LINE	---
100 YEAR FLOOD LIMIT LINE	---
EXISTING TREELINE	---
EXISTING ABOVE GROUND ELECTRIC	---
EXISTING UTILITY POLE AND No. FOR CONNECTION	⊕ P# 26/306
EXISTING ABOVE GROUND ELECTRIC FOR CONNECTION	---
PROPOSED UTILITY POLE AND No.	⊕ P-4
PROPOSED ABOVE GROUND ELECTRIC	---
PROPOSED UNDERGROUND ELECTRIC	---
PROPOSED TREE CLEARING LIMIT	---
PROPOSED SILT FENCE	---
PROPOSED LIMIT OF DISTURBANCE	---

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**ELECTRICAL SERVICE TRANSMISSION PLAN & ENLARGED SITE & SEDIMENT & EROSION CONTROL PLAN**

**PROPOSED BATTERY ENERGY STORAGE SYSTEM AREA**  
PREPARED FOR



SECTION 208 BLOCK 2 LOT 10  
VILLAGE OF WARWICK - ORANGE COUNTY - NEW YORK

**ERS ENGINEERING CONSULTANTS, P.C.**

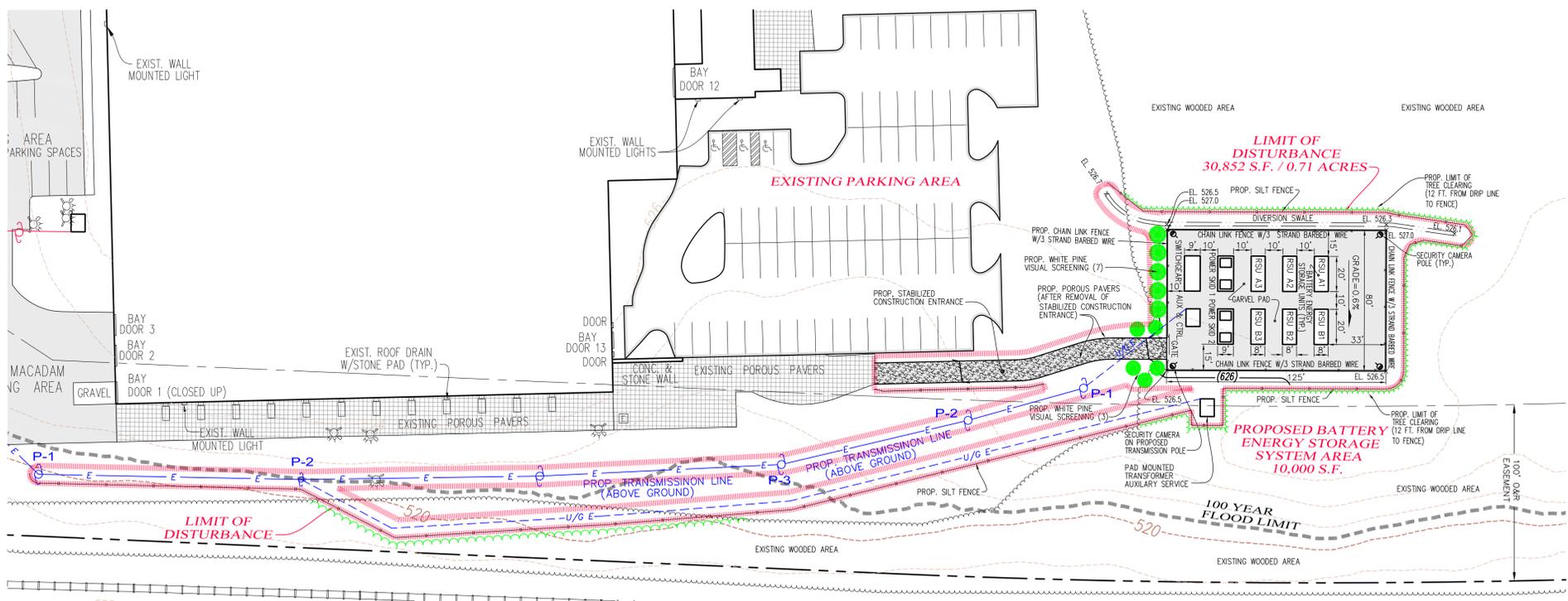
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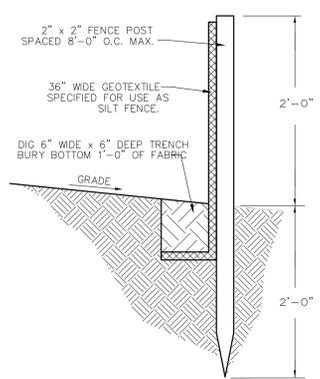
PROFESSIONAL ENGINEER  
N.J. LIC. NO. 42708  
N.Y. LIC. NO. 077703

SCALE:	DATE:	JOB NO.	SHEET NO.
AS NOTED	03-31-20	3121	2 OF 3



**ENLARGED SITE & SEDIMENT & EROSION CONTROL PLAN**  
SCALE: 1"=40'

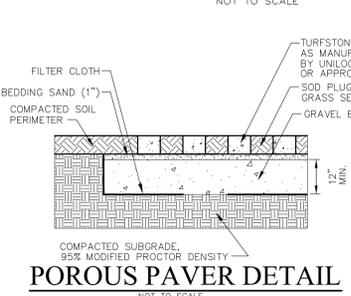
FENCE PROPERTIES	MINIMUM VALUE	STANDARD
GRAB TENSILE STRENGTH (LBS)	90	ASTM 1682
ELONGATION AT FAILURE (%)	50	ASTM D1682
MULEN BURST STRENGTH (PSI)	190	ASTM D3786
PUNCTURE STRENGTH (LBS)	40	ASTM D751 (MODIFIED)
SLURRY FLOW RATE (GAL/MIN/SF)	0.3	
EQUIVALENT OPENING SIZE	40-80	US STD SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY (%)	90	ASTM G-26



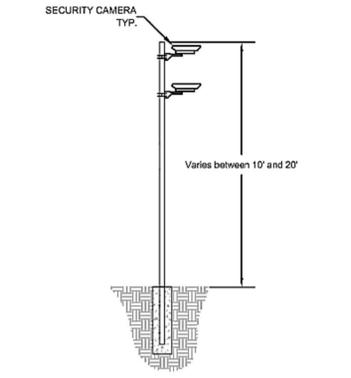
SLOPE STEEPNESS	MAXIMUM FENCE SPACING (FT)
2:1	50
3:1	75
4:1	125
5:1	175
FLATTER THAN 5:1	200

- NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
  2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
  3. ALL SILT FENCES SHALL RUN PARALLEL TO THE CONTOUR OF THE LAND.
  4. ALL SILT FENCING SHALL MEET THE MINIMUM REQUIREMENTS AS STATED UNLESS OTHERWISE NOTED AND APPROVED BY THE BUILDING INSPECTOR AND ENGINEER.
  5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE

**FILTER FABRIC SILT FENCE DETAIL**

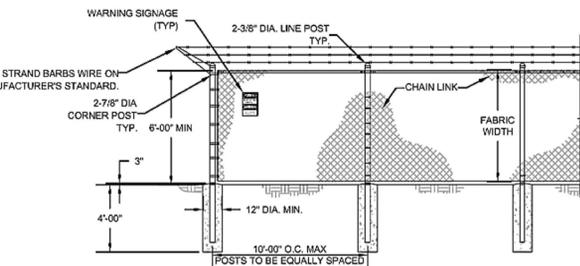


**POROUS PAVER DETAIL**



**SECURITY CAMERA POLE DETAIL**

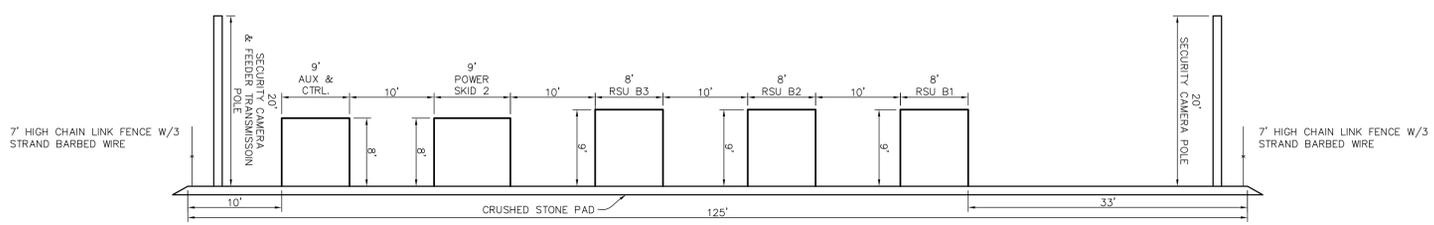
NOT TO SCALE



1. CHAIN LINK SHALL BE 2" MESH NO. 9 GAGE WIRE SECURITY FASTED TO LINE POSTS AND RAILS. WIRE FASTENERS AND THE CLIPS SHALL BE NO. 11 GAGE
2. WIRE CONCRETE FOOTINGS SHALL HAVE TOPS CROWNED AT GROUND LEVEL.
3. CHAIN LINK FENCE TO BE FITTED WITH UV-RESISTANT MESH FABRIC, COLOR PER CUSTOMER REQUEST.
4. ELECTRICAL SAFETY SIGNAGE TO BE PLACED ALONG PERIMETER.

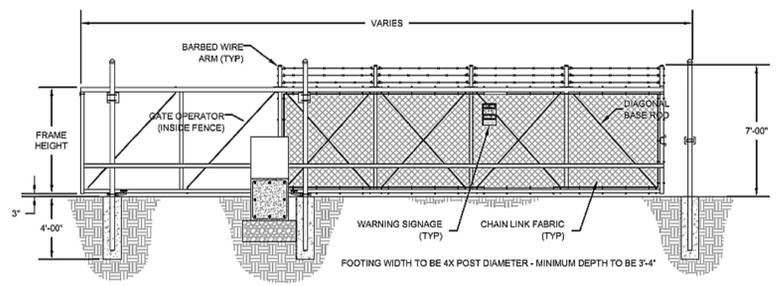
**CHAIN LINK FENCE DETAIL**

NOT TO SCALE



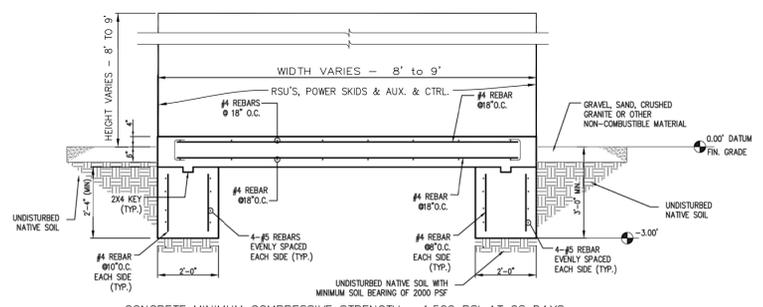
**ELEVATION VIEW - PROPOSED BATTERY ENERGY STORAGE SYSTEM AREA**

SCALE: 1"=10'



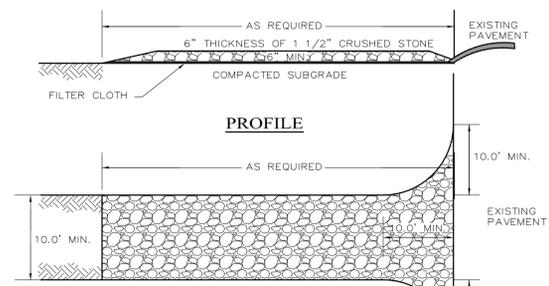
**GATE DETAIL**

NOT TO SCALE



**FOUNDATION WIDTH SECTION**

NOT TO SCALE

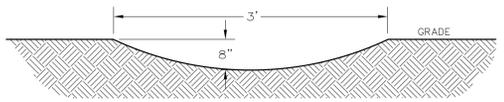


**CONSTRUCTION SPECIFICATIONS:**

1. ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC R.O.W.
2. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHERE A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. THE BLANKET SHALL BE COMPOSED OF 6" DEPTH OF 1-1/2" CRUSHED STONE. SHALL BE PLACED ON COMPACTED SUB-GRADE.
3. A FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
4. 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.
5. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

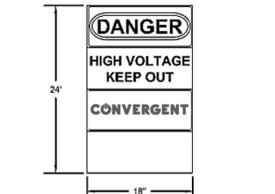
**STABILIZED CONSTRUCTION ENTRANCE**

NOT TO SCALE



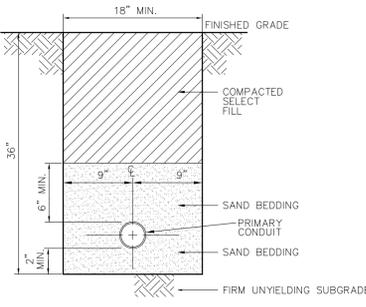
**DIVERSION SWALE SECTION**

NOT TO SCALE



**WARNING SIGNAGE**

NOT TO SCALE



**CONDUIT TRENCH DETAIL**

NOT TO SCALE

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

1. SILT FENCE BARRIERS TO BE INSTALLED PRIOR TO CONSTRUCTION.
2. DISTURBANCE TO BE LIMITED TO NECESSARY GRADING ON ROADS, BUILDING LOCATIONS, DRIVEWAYS AND IN AREAS AS CALLED OUT FOR IN THE PLANS.
3. TEMPORARY SEEDING WITH ANNUAL RYE GRASS OR OTHER RAPID GROWING MIXTURE TO BE PERFORMED ON DISTURBED SOIL REMAINING VACANT FOR MORE THAN ONE MONTH AS FOLLOWS:
  - A. LOOSEN SEEDBED BY DISCING TO 4" DEPTH.
  - B. FERTILIZE WITH 400 LBS. PER ACRE PERENNIAL RYE GRASS.
  - C. SEED WITH 20 LBS. PER ACRE PERENNIAL RYE GRASS.
  - D. MULCH WITH 90 LBS. PER ACRE STRAW, BOUND IN PLACE WITH 200 GALLONS PER ACRE CUTBACK ASPHALT (RC-70).
4. ALL DISTURBED AREAS TO BE MULCHED TO PREVENT EROSION. THE CONTRACTOR SHALL COMPLY WITH ALL REQUESTS OF THE VILLAGE ENGINEER OR BUILDING INSPECTOR DURING CONSTRUCTION WITH REGARD TO EROSION CONTROL DEVICES.
5. EROSION CONTROL MEASURES TO REMAIN IN PLACE AND BE MAINTAINED BY CONTRACTOR UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED.

**CONSTRUCTION SEQUENCE**

1. ERECT SNOW FENCING AROUND TREES, STRUCTURES, AND OTHER FEATURES TO BE PROTECTED.
2. CONSTRUCT SILT FENCE BARRIERS DOWNSLOPE OF ALL AREAS TO BE DISTURBED.
3. CLEAR AND GRUB VEGETATION IN AREAS TO BE REGRADED.
4. PERFORM GRADING, EXCAVATION, CONSTRUCTION OF PARKING AREAS, BUILDINGS, UTILITIES, PAVING, ETC..
5. MAINTAIN SILT FENCE BARRIERS AND OTHER MEASURES IN PROPER CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
6. AS CONSTRUCTION PROCEEDS, ALL DISTURBED AREAS SHALL BE PLANTED, SEED, OR PAVED IN A TIMELY MANNER TO PREVENT UNNECESSARY EROSION. ONCE DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED, SILT FENCE, TEMPORARY BERMS, TEMPORARY SWALES, ETC. SHALL BE REMOVED.
7. ADDITIONAL SILT FENCE BARRIERS OR OTHER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PROVIDED AS DEEMED NECESSARY BY THE VILLAGE ENGINEER OR BUILDING INSPECTOR.

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**REVISIONS**

**SITE DETAILS**

**PROPOSED BATTERY ENERGY STORAGE SYSTEM AREA**

PREPARED FOR



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