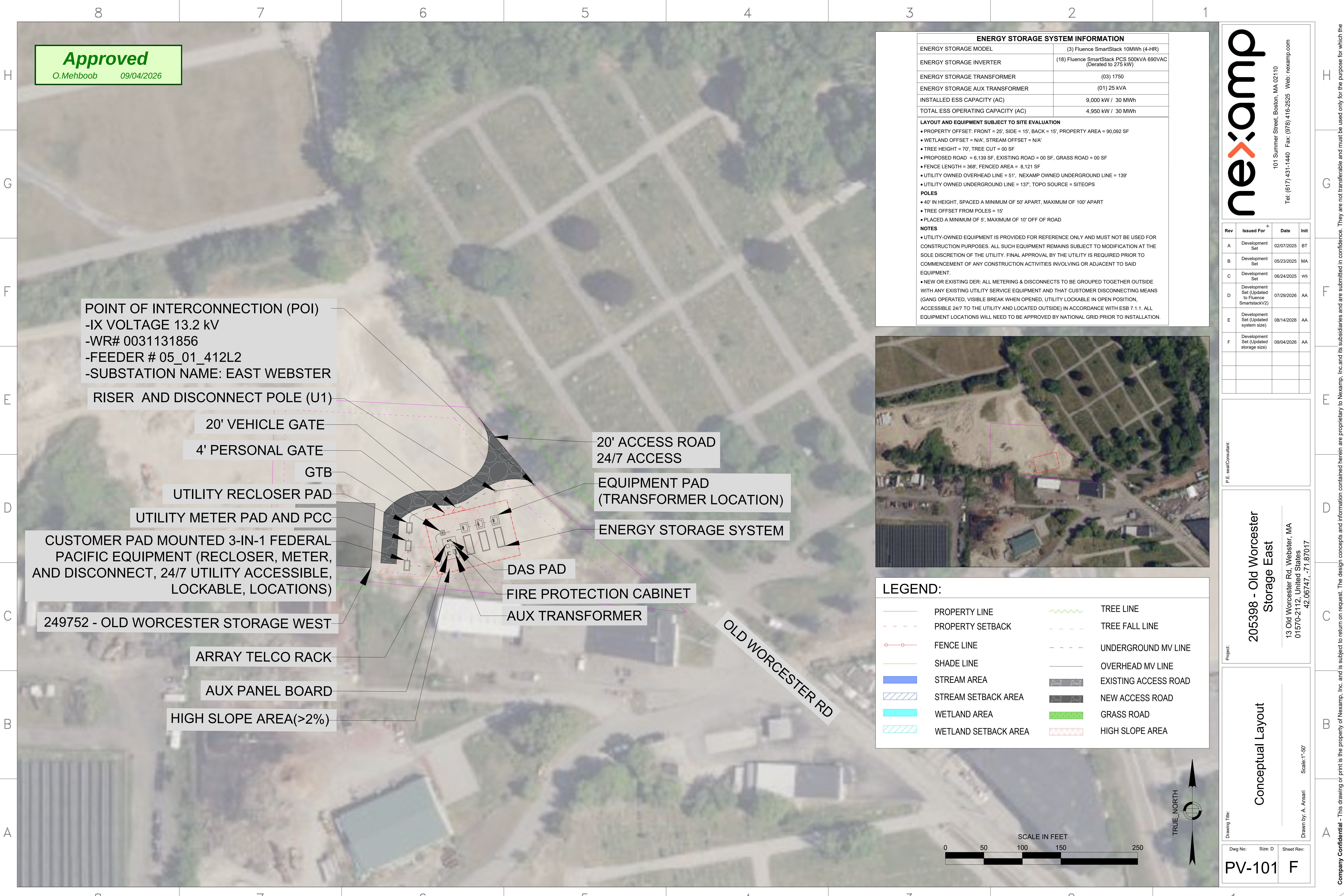




Approved
O.Mehboob 09/04/2026

POINT OF INTERCONNECTION (POI)
-IX VOLTAGE 13.2 kV
-WR# 0031131856
-FEEDER # 05_01_412L2
-SUBSTATION NAME: EAST WEBSTER

RISER AND DISCONNECT POLE (U1)

20' VEHICLE GATE

4' PERSONAL GATE

GTB

UTILITY RECLOSER PAD

UTILITY METER PAD AND PCC

CUSTOMER PAD MOUNTED 3-IN-1 FEDERAL
PACIFIC EQUIPMENT (RECLOSER, METER,
AND DISCONNECT, 24/7 UTILITY ACCESSIBLE,
LOCKABLE, LOCATIONS)

249752 - OLD WORCESTER STORAGE WEST

ARRAY TELCO RACK

AUX PANEL BOARD

HIGH SLOPE AREA(>2%)

20' ACCESS ROAD
24/7 ACCESS

EQUIPMENT PAD
(TRANSFORMER LOCATION)

ENERGY STORAGE SYSTEM

DAS PAD

FIRE PROTECTION CABINET

AUX TRANSFORMER

OLD WORCESTER RD

ENERGY STORAGE SYSTEM INFORMATION	
ENERGY STORAGE MODEL	(3) Fluence SmartStack 10MWh (4-HR)
ENERGY STORAGE INVERTER	(18) Fluence SmartStack PCS 500kVA 690VAC (Derated to 275 kW)
ENERGY STORAGE TRANSFORMER	(03) 1750
ENERGY STORAGE AUX TRANSFORMER	(01) 25 kVA
INSTALLED ESS CAPACITY (AC)	9,000 kW / 30 MWh
TOTAL ESS OPERATING CAPACITY (AC)	4,950 kW / 30 MWh

LAYOUT AND EQUIPMENT SUBJECT TO SITE EVALUATION

- PROPERTY OFFSET: FRONT = 25', SIDE = 15', BACK = 15', PROPERTY AREA = 90,092 SF
- WETLAND OFFSET = N/A', STREAM OFFSET = N/A'
- TREE HEIGHT = 70', TREE CUT = 00 SF
- PROPOSED ROAD = 6,139 SF, EXISTING ROAD = 00 SF, GRASS ROAD = 00 SF
- FENCE LENGTH = 368', FENCED AREA = 8,121 SF
- UTILITY OWNED OVERHEAD LINE = 51', NEXAMP OWNED UNDERGROUND LINE = 139'
- UTILITY OWNED UNDERGROUND LINE = 137', TOPO SOURCE = SITEOPS

POLES

- 40' IN HEIGHT, SPACED A MINIMUM OF 50' APART, MAXIMUM OF 100' APART
- TREE OFFSET FROM POLES = 15'
- PLACED A MINIMUM OF 5', MAXIMUM OF 10' OFF OF ROAD

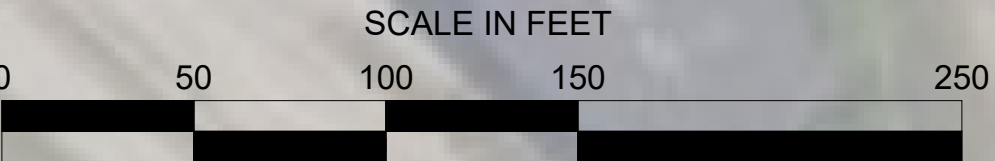
NOTES

- UTILITY-OWNED EQUIPMENT IS PROVIDED FOR REFERENCE ONLY AND MUST NOT BE USED FOR CONSTRUCTION PURPOSES. ALL SUCH EQUIPMENT REMAINS SUBJECT TO MODIFICATION AT THE SOLE DISCRETION OF THE UTILITY. FINAL APPROVAL BY THE UTILITY IS REQUIRED PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES INVOLVING OR ADJACENT TO SAID EQUIPMENT.
- NEW OR EXISTING DER: ALL METERING & DISCONNECTS TO BE GROUPED TOGETHER OUTSIDE WITH ANY EXISTING UTILITY SERVICE EQUIPMENT AND THAT CUSTOMER DISCONNECTING MEANS (GANG OPERATED, VISIBLE BREAK WHEN OPENED, UTILITY LOCKABLE IN OPEN POSITION, ACCESSIBLE 24/7 TO THE UTILITY AND LOCATED OUTSIDE) IN ACCORDANCE WITH ESB 7.1.1. ALL EQUIPMENT LOCATIONS WILL NEED TO BE APPROVED BY NATIONAL GRID PRIOR TO INSTALLATION.



LEGEND:

	PROPERTY LINE		TREE LINE
	PROPERTY SETBACK		TREE FALL LINE
	FENCE LINE		UNDERGROUND MV LINE
	SHADE LINE		OVERHEAD MV LINE
	STREAM AREA		EXISTING ACCESS ROAD
	STREAM SETBACK AREA		NEW ACCESS ROAD
	WETLAND AREA		GRASS ROAD
	WETLAND SETBACK AREA		HIGH SLOPE AREA



nexamp

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Rev	Issued For	Date	Init
A	Development Set	02/07/2025	BT
B	Development Set	05/23/2025	MA
C	Development Set	06/24/2025	ws
D	Development Set (Updated to Fluence SmartstackV2)	07/29/2026	AA
E	Development Set (Updated system size)	08/14/2026	AA
F	Development Set (Updated storage size)	09/04/2026	AA

P.E. seal/Consultant:

205398 - Old Worcester
Storage East

13 Old Worcester Rd, Webster, MA
01570-2112 United States
42.06747, -71.87017

Project:

Conceptual Layout

Drawn by: A. Ansari Scale: 1"=50'

Drawing Title:

Dwg No:	Size: D	Sheet Rev:
PV-101		F