

- LEGEND**
- BUS CONNECTION OR JOINT
 - ▲ MOBILE TRANSFORMER TAP
 - LOW BUS SUPPORT WITH A-FRAME
 - ⊗ COUPLING CAPACITOR VOLTAGE TRANSFORMER
 - BUS GROUNDING STUD
 - ⊙ LIGHTNING MAST
 - ⊙ SURGE ARRESTER
 - M ▶ DISCONNECT SWITCH MOTOR OPERATOR
 - G ▶ DISCONNECT SWITCH GROUNDING SWITCH OPERATOR
 - ▶ DISCONNECT SWITCH MANUAL OPERATOR

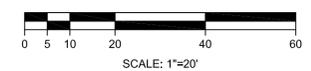
--- DISTRIBUTION DUCTBANK

■ INSTALL
■ EXISTING

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

INSTALL
CONCEPTUAL DRAWING
NO CHANGES TO RECORD DOCUMENT

CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION
SUBJECT TO NON-DISCLOSURE PROVISIONS OF ISO-NE SCHEDULE 22 AND NEW ENGLAND POLICIES PERTAINING TO CONFIDENTIAL INFORMATION (CEI)
DO NOT DISTRIBUTE
DATE OF REVIEW: 9/26/2018 BY: RJS



PE Stamp		AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID				UI AVANGRID		SITE PLAN DIMENSIONS SHEET 2 OF 2	
						OLD TOWN		BRIDGEPORT	
						DR. VJP CK. RJS APP. AJQ		SCALE: 1" = 20' FILE: SK-25233-003-001 SH2	
						REV. DATE BY DESCRIPTION APP. DATE: 7/29/2019		SK-25233-003-001 SH2 0	

ANSI D. CAD Drawing. DO NOT REVISE MANUALLY.

REV	DESCRIPTION	DATE	BY	CHK	APP
D	REUSED PER COMMENTS	11/15/2019	VJP	JPW	JPW
C	REUSED PER COMMENTS	11/11/2019	VJP	JPW	JPW
B	REUSED PER COMMENTS	10/28/2019	VJP	RP	RP
E	REUSED PER COMMENTS	11/05/2019	VJP	JPW	JPW

LOGO	INFO



EXISTING OLD TOWN SUBSTATION

Elton Rogers Woodland Park

EVERSOURCE R.O.W.

- ▬ PROPOSED SUBSTATION FOOTPRINT
- ▬ EVERSOURCE R.O.W.
- ▬ PROPERTY LINE

PRELIMINARY

© 2018 Google

AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID			UI PROPERTY & EVERSOURCE ROW	
PE STAMP		BY: VJP CK: TB APP: JPW	SCALE: NONE NO.	OLD TOWN BRIDGEPORT
0 REV	OLD TOWN SUBSTATION REBUILD DESCRIPTION	8/24/2019 DATE	VJP BY	JPW CK
0 REV	SK-25233-PROP-2	10/24/2019 DATE	JPW APP	0 REV



- LEGEND**
- BUS CONNECTION OR JOINT
 - ▲ MOBILE TRANSFORMER TAP
 - LOW BUS SUPPORT WITH A-FRAME
 - ⊗ COUPLING CAPACITOR VOLTAGE TRANSFORMER
 - BUS GROUNDING STUD
 - ⊙ LIGHTNING MAST
 - SURGE ARRESTER
 - M ▶ DISCONNECT SWITCH MOTOR OPERATOR
 - G ▶ DISCONNECT SWITCH GROUNDING SWITCH OPERATOR
 - ▶ DISCONNECT SWITCH MANUAL OPERATOR

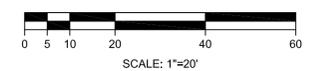
--- DISTRIBUTION DUCTBANK

- INSTALL
- FUTURE
- EXISTING

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

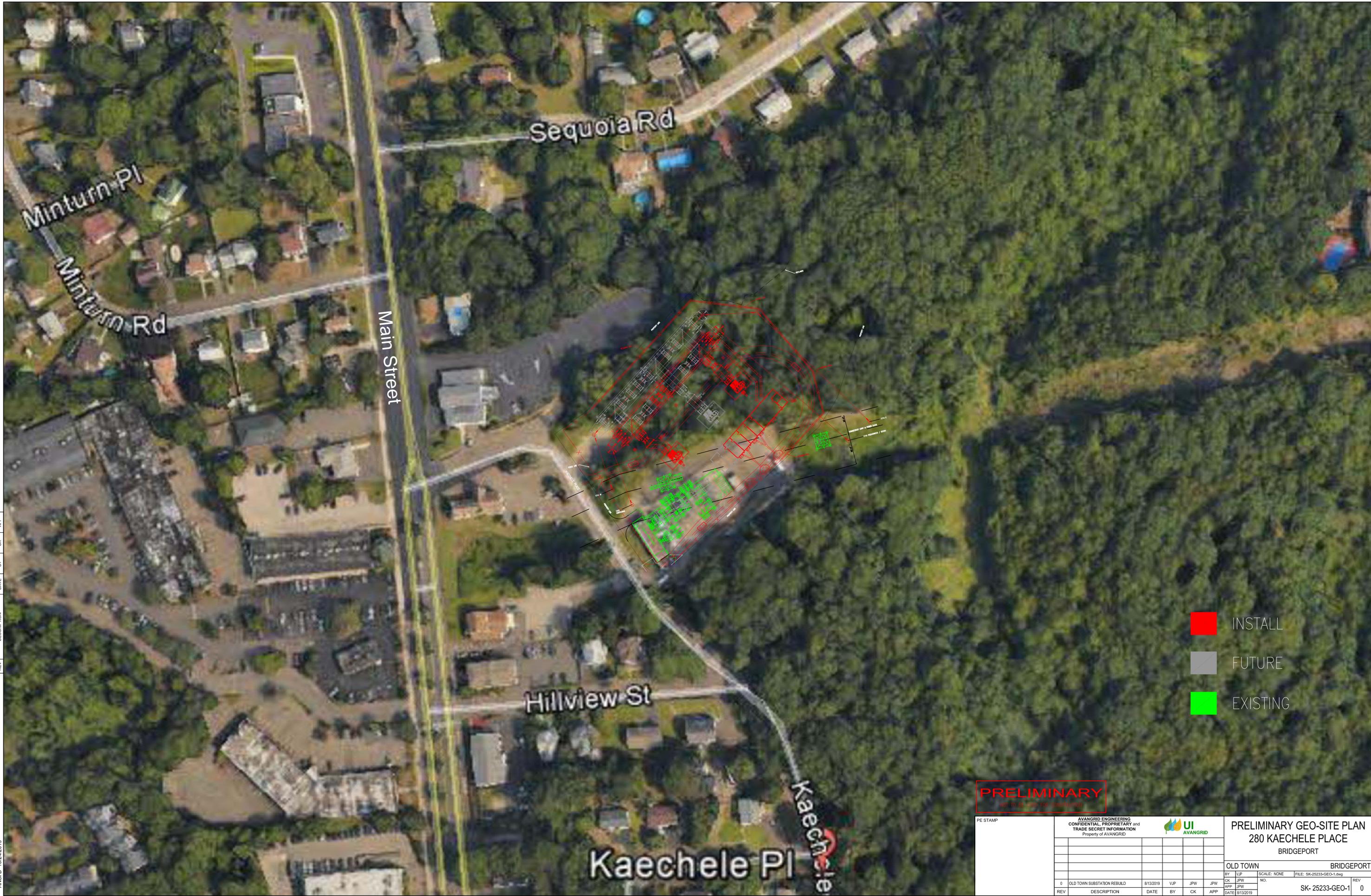
INSTALL
CONCEPTUAL DRAWING
NO CHANGES TO RECORD DOCUMENT

CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION
SUBJECT TO NON-DISCLOSURE PROVISIONS OF ISO-NE SCHEDULE 22 AND NEW ENGLAND POLICIES PERTAINING TO CONFIDENTIAL INFORMATION (CEI)
DO NOT DISTRIBUTE
DATE OF REVIEW: 9/26/2018 BY: RJS



PE Stamp		AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID				SITE PLAN ARRANGEMENT SHEET 1 OF 2	
						OLD TOWN BRIDGEPORT	
						SCALE: 1" = 20' FILE: SK-25233-2-01.DWG	
DR.	VJP					NO.	
CK.	RJS					REV.	
0-0	5/8/2020	VJP	SUBSTATION REBUILD	JPW			
REV.	DATE	BY	DESCRIPTION	APP.	DATE:	9/26/2018	
						SK-25233-003-001 SH1	
						0	

ANSI D. CADD Drawings. DO NOT REVISE MANUALLY.



REV	DESCRIPTION	DATE	BY	OK	APP
D	REVISED PER COMMENTS	10/24/2019	VJP	JPW	JPW
C	REVISED PER COMMENTS	10/10/2019	VJP	JPW	JPW
B	CHANGE POC	9/26/2019	VJP	JPW	JPW
A	ZOOM IN SCALE UP LEGEND	9/26/2019	VJP	JPW	JPW

LOGO	INFO

ANS D 10/24/2019

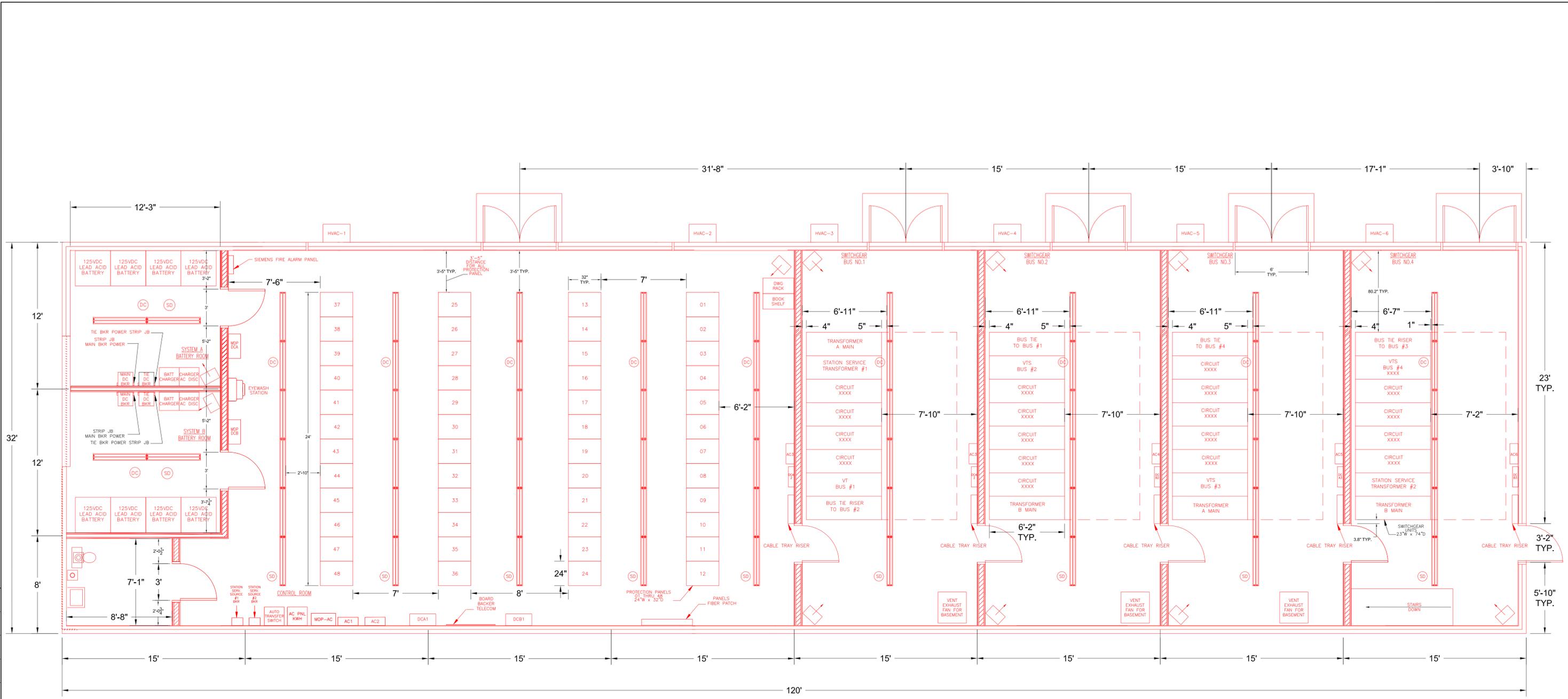
- INSTALL
- FUTURE
- EXISTING

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

<small>AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID</small>			PRELIMINARY GEO-SITE PLAN 280 KAECHELE PLACE BRIDGEPORT	
<small>PE STAMP</small>		<small>OLD TOWN</small>		<small>BRIDGEPORT</small>
<small>BY</small> VJP	<small>SCALE: NONE</small>	<small>FILE: SK-25233-GEO-1.dwg</small>		<small>NO.</small>
<small>CK</small> JPW	<small>DATE</small> 8/13/2019	<small>BY</small> VJP	<small>CK</small> JPW	<small>APP</small> JPW
<small>REV</small>	<small>DESCRIPTION</small>	<small>DATE</small>	<small>BY</small>	<small>CK</small>
0	OLD TOWN SUBSTATION REBUILD	8/13/2019	VJP	JPW
0	SK- 25233-GEO-1	8/13/2019	VJP	JPW

REV	DESCRIPTION	DATE	BY	CHK	APP
B	REVISED PER COMMENTS	4/16/2019	JDN	RJS	RUS

ANSI D 9/24/2019

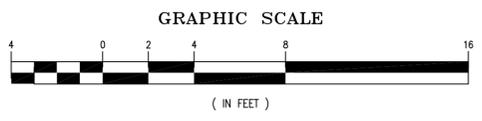


FLOOR PLAN
SCALE: 1/4"=1'-0"

- NOTES:
- CONCEPT PREPARED FOR 34115KV BUS ARRANGEMENT IN GIS APPLICATIONS.
 - THE BUS IS SHOWN TO BE USED IF THERE IS FUTURE EXPANSION.
 - BATTERY ROOM HAS BEEN SIZED FOR UP TO FIVE CABINETS INCLUDING THE CHARGER TO ACCOMMODATE UP TO 400 AMP HOURS.
 - SMOKE DETECTORS SHALL BE INSTALLED UNDER ACCESS FLOOR IN EACH ROOM.
 - CURRENT DESIGN AND EQUIPMENT LAYOUT IS DESIGN FOR CONCEPTUAL REQUIREMENT. ACTUAL EQUIPMENT RATINGS AND TO BE DETERMINED DURING THE DESIGN PHASE.
 - SWITCHGEAR ROOMS TO BE FIRE RATED INCLUDING THE CEILING.
 - BUILDING TO BE EITHER METAL OR CONCRETE.
 - 3 POSITION SWITCH (CLOSED/OPEN/GROUND).
 - METERING VITCT'S SHALL BE AN APPROVED SUPPLIER BY NY PA ONLY FOR NEW YORK (IF REQUIRED).
 - CABLE ENTRY TO BE CONFIRMED PER PROJECT.
 - STAIRS ARE TO BE DETERMINED IF NEEDED PER PROJECT.

SYMBOLS LEGEND:

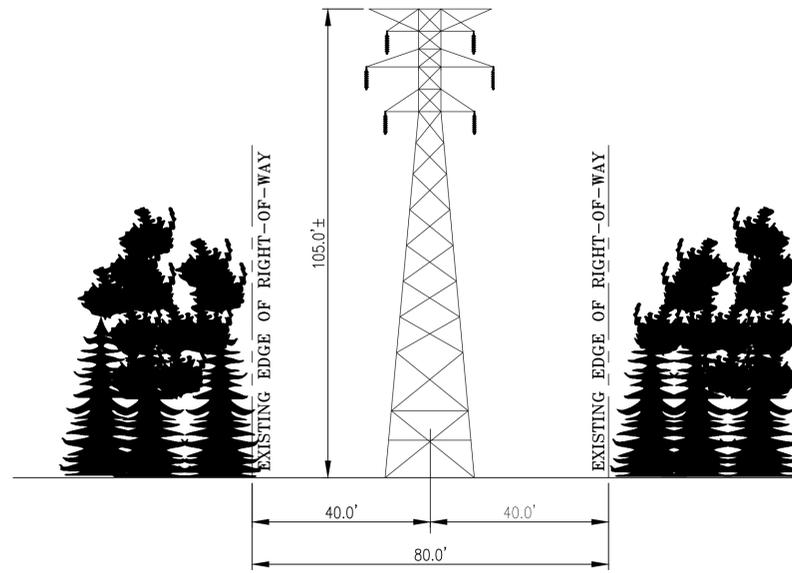
⊞	SINGLE-POLE SWITCH	⊙	EXTERIOR LIGHT	⊞	HORN / STROBE
⊞	DUPLEX & GFCI RECEPT	⊙	LED EXIT LIGHT	⊞	FIRE ALARM BELL
⊞	HEATER THERMOSTAT	⊙	FLUORESCENT LIGHTING	⊞	FIRE ALARM PULL STATION
⊞	3-WAY SWITCH	⊙	JUNCTION BOX	⊞	FIRE EXTINGUISHER
⊞	SMOKE DETECTOR	⊙	DC LIGHTING	⊞	HVAC CONTROLLER



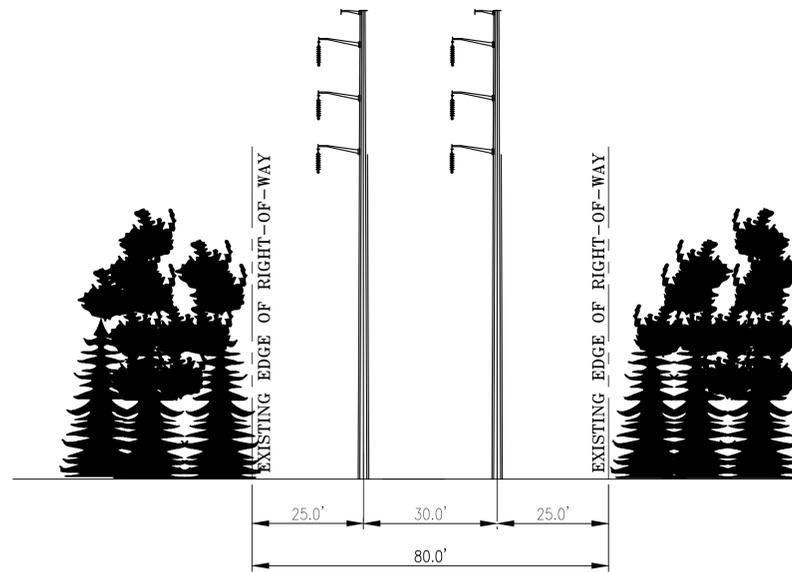
INSTALL
CONCEPTUAL DRAWING
NO CHANGES TO RECORD DOCUMENT

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

PE STAMP		AVANGRID ENGINEERING CONFIDENTIAL PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID				CONTROL HOUSE EQUIPMENT LAYOUT SHEET 1 OF 1	
				OLD TOWN BY: GLG CK: RJS APP: RJS		BRIDGEPORT NO. FILE: SK-25233-005-003.dwg REV: 0	
0	SUBSTATION REBUILD	7/30/2018	GLG	RJS	RJS	SCALE: 1/4"=1'-0" DATE: 7/30/2018 SK-25233-005-003 0	



**EXISTING STRUCTURE #857
LOOKING EAST**



**PROPOSED STRUCTURES
LOOKING EAST**

NOTE:
LINE ARRESTERS TO BE
ADDED AS REQUIRED

- NOTES:
1. EXACT POLE HEIGHT WILL DEPEND ON THE GRADE OF THE FINAL POLE LOCATIONS. POLES MAY BE LOCATED DOWNHILL FROM THE EXISTING LATTICE TOWER. STRUCTURE ELEVATIONS ARE NOT EXPECTED TO INCREASE FROM THE TOP OF EXISTING STRUCTURE HEIGHT.
 2. STRUCTURE 857A IS WITHIN THE OLD TOWN SUBSTATION FENCE, AND THE PROPOSED DESIGN WILL BE THE SAME.

XS-1

EVERSOURCE ENERGY			
TITLE OLD TOWN S/S (EAST SIDE) TYPICAL SITE DRAWING DEPICTING EXISTING AND PROPOSED TYPICAL STRUCTURES TRUMBULL, CONNECTICUT			
BY JES	CHKD JSS	APP SAM	APP
DATE 05/29/2020	DATE 05/29/2020	DATE 05/29/2020	DATE
H-SCALE N.T.S.	SIZE D	FIELD BOOK & PAGES	
V-SCALE N.T.S.	V.S.	R.E. DWG	
R.E. PROJ. NUMBER 40505401	DWG NO. 01103-85003p001		