

Appendix A
Maps and Drawings

Appendix A - Site Plan



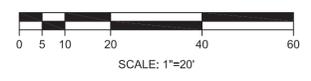
- LEGEND**
- BUS CONNECTION OR JOINT
 - ▲ MOBILE TRANSFORMER TAP
 - LOW BUS SUPPORT WITH A-FRAME
 - ⊗ COUPLING CAPACITOR VOLTAGE TRANSFORMER
 - BUS GROUNDING STUD
 - ⊙ LIGHTNING MAST
 - ⊙ SURGE ARRESTER
 - M ▶ DISCONNECT SWITCH MOTOR OPERATOR
 - G ▶ DISCONNECT SWITCH GROUNDING SWITCH OPERATOR
 - ▶ DISCONNECT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

- ▭ TRENCH (PRIMARY)
- ▭ TRENCH (SECONDARY)
- - - DISTRIBUTION DUCTBANK

- INSTALL
- EXISTING

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

INSTALL
CONCEPTUAL DRAWING
NO CHANGES TO RECORD DOCUMENT



AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID			SITE PLAN DIMENSIONS SHEET 2 OF 2	
		OLD TOWN BRIDGEPORT		
DR.	VJP	SCALE: 1" = 20'	FILE: SK-25233-003-001 SH2	REV.
CK.	RJS	NO.		
APP.	AJO	SK-25233-003-001 SH2		0
REV.	DATE	BY	DESCRIPTION	APP.
0-0	7/29/2019	VJP	SUBSTATION REBUILD	RJS
				DATE: 7/29/2019

ANSI D CADD Drawing, DO NOT REVISE MANUALLY.



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

PRELIMINARY

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

LOGO	INFO

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

Appendix A - Site Plan Future Expansion



- 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

- ▭ TRENCH (PRIMARY)
- ▭ TRENCH (PRIMARY FUTURE)
- ▭ TRENCH (SECONDARY)
- DISTRIBUTION DUCTBANK

- INSTALL
- FUTURE
- EXISTING

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

INSTALL
CONCEPTUAL DRAWING
NO CHANGES TO RECORD DOCUMENT

REV.	DATE	BY	DESCRIPTION	APP.
0-0D	6/25/2019	VJP	REVISED PER COMMENTS	FA
0-0C	6/17/2019	VJP	TRENCH, CONDUIT & DISTRIBUTION DUCTBANK ADDED	RJS
0-0B	5/6/2019	VJP	REVISED PER COMMENTS	RJS
0-0F	7/29/2019	VJP	REVISED PER COMMENTS	RJS
0-0E	7/8/2019	VJP	SUBSTATION REBUILD - OPTION #4	FA

AVANGRID ENGINEERING
CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION
Property of AVANGRID

UI
BRIDGEPORT

SITE PLAN ARRANGEMENT
SHEET 1 OF 2

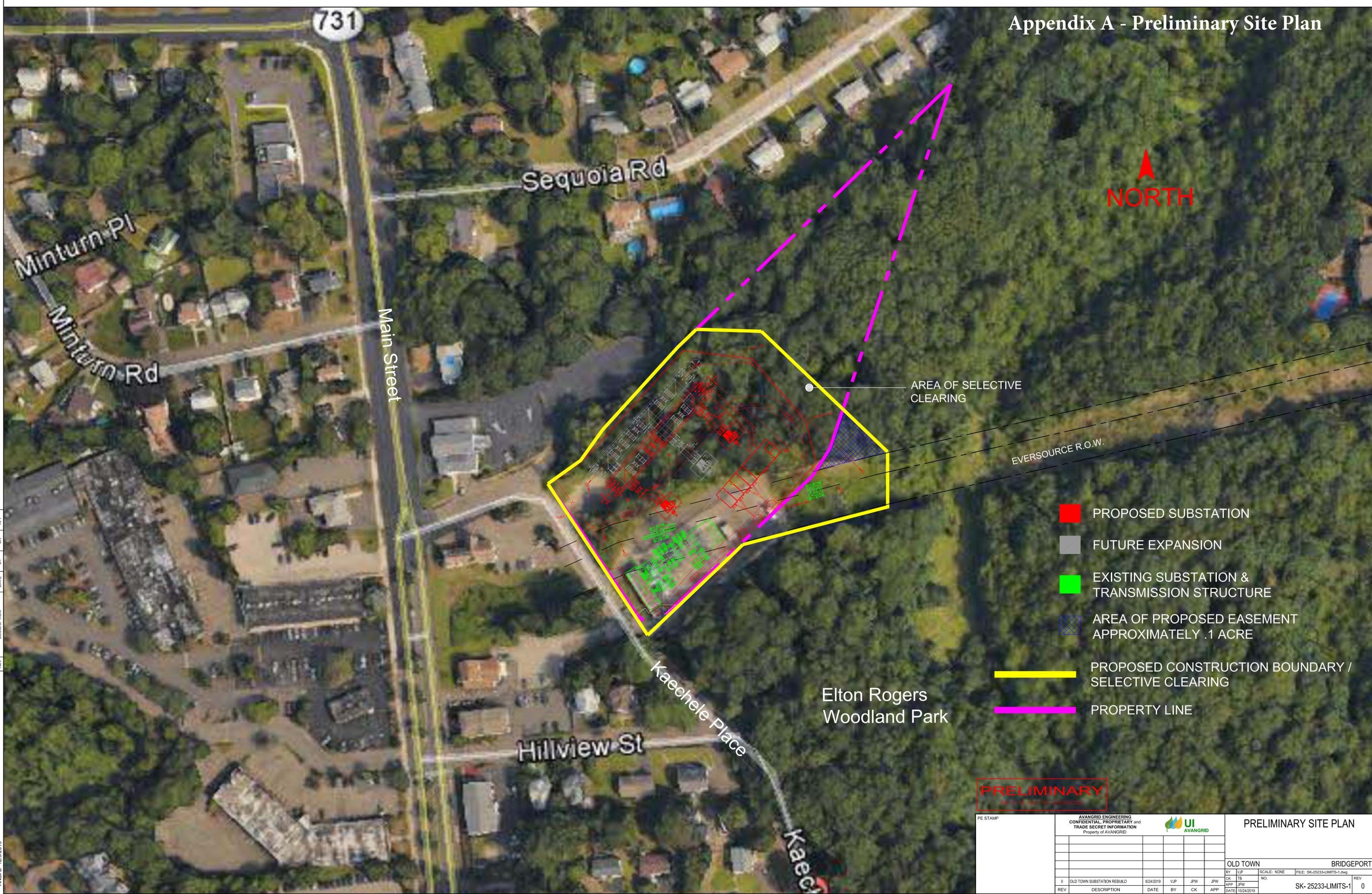
OLD TOWN BRIDGEPORT

DR: VJP SCALE: 1" = 20' FILE: SK-25233-2-01.DWG
 CK: RJS NO.
 APP: AJO
 DATE: 9/26/2018

SK-25233-003-001 SH1

ANSI D Drawing, DO NOT REVISE MANUALLY.

Appendix A - Preliminary Site Plan



AREA OF SELECTIVE CLEARING

EVERSOURCE R.O.W.

- PROPOSED SUBSTATION
- FUTURE EXPANSION
- EXISTING SUBSTATION & TRANSMISSION STRUCTURE
- AREA OF PROPOSED EASEMENT APPROXIMATELY .1 ACRE

- PROPOSED CONSTRUCTION BOUNDARY / SELECTIVE CLEARING
- PROPERTY LINE

Elton Rogers
Woodland Park

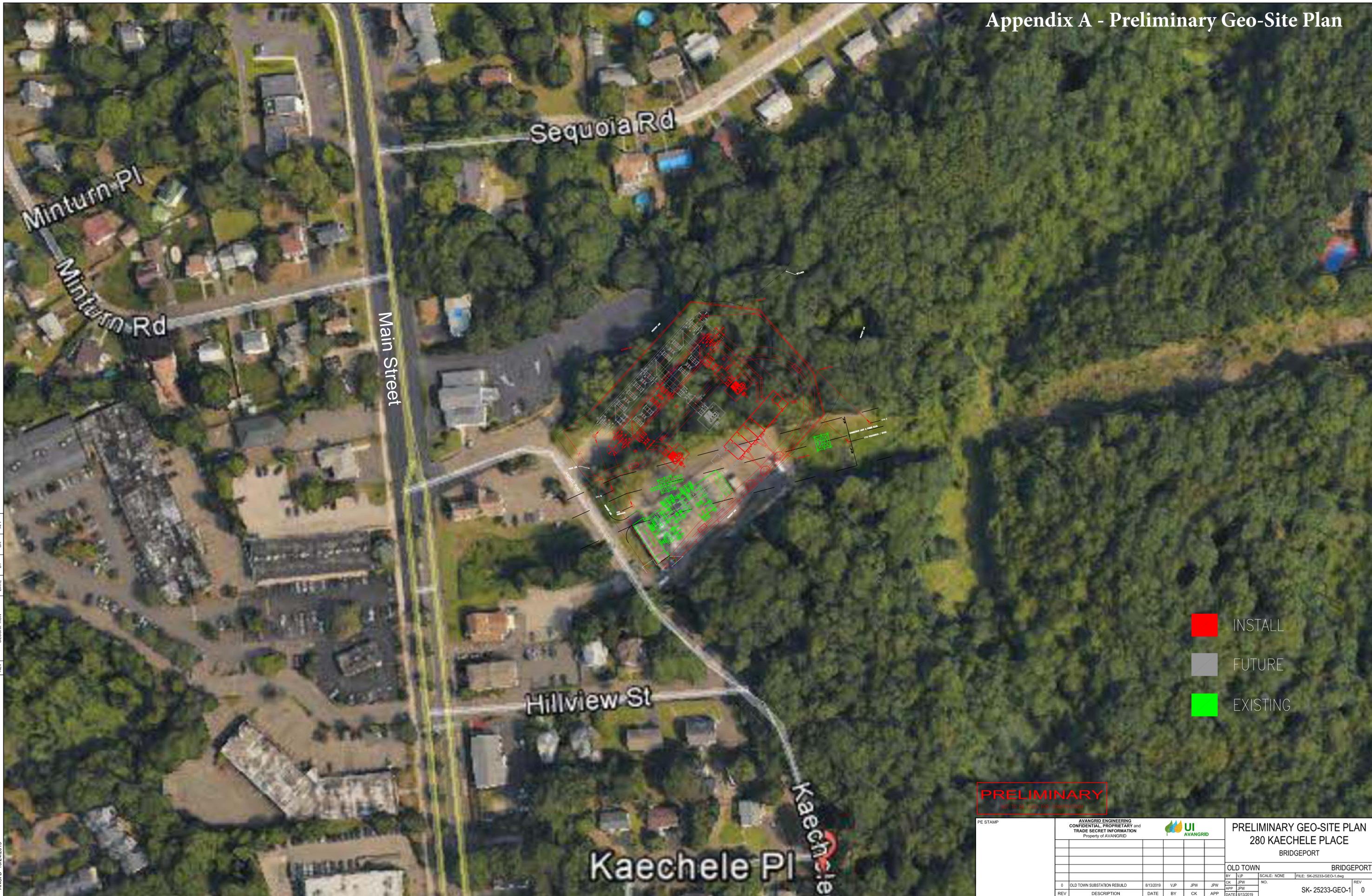
PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
D	REVISED PER COMMENTS	11/12/2018	VJP	JPW	JPW
C	REVISED PER COMMENTS	11/11/2018	VJP	JPW	JPW
F	REVISED UNITS EASEMENT AREA	02/28/2019	VJP	JPW	JPW
E	REVISED PER COMMENTS	11/05/2019	VJP	JPW	JPW

LOGO	INFO

ANSI D 12/9/2019

AVANGRID ENGINEERING CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION Property of AVANGRID			PRELIMINARY SITE PLAN	
PE STAMP BY: VJP CK: TB APP: JPW DATE: 10/24/2019	SCALE: NONE FILE: SK-25233-LIMITS-1.dwg	NO.	OLD TOWN BRIDGEPORT	REV 0
0 OLD TOWN SUBSTATION REBUILD 8/24/2019 VJP JPW JPW	0 DESCRIPTION DATE BY CK APP	SK- 25233-LIMITS-1	0	0



- INSTALL
- FUTURE
- EXISTING

PRELIMINARY

NOT TO BE USED FOR CONSTRUCTION

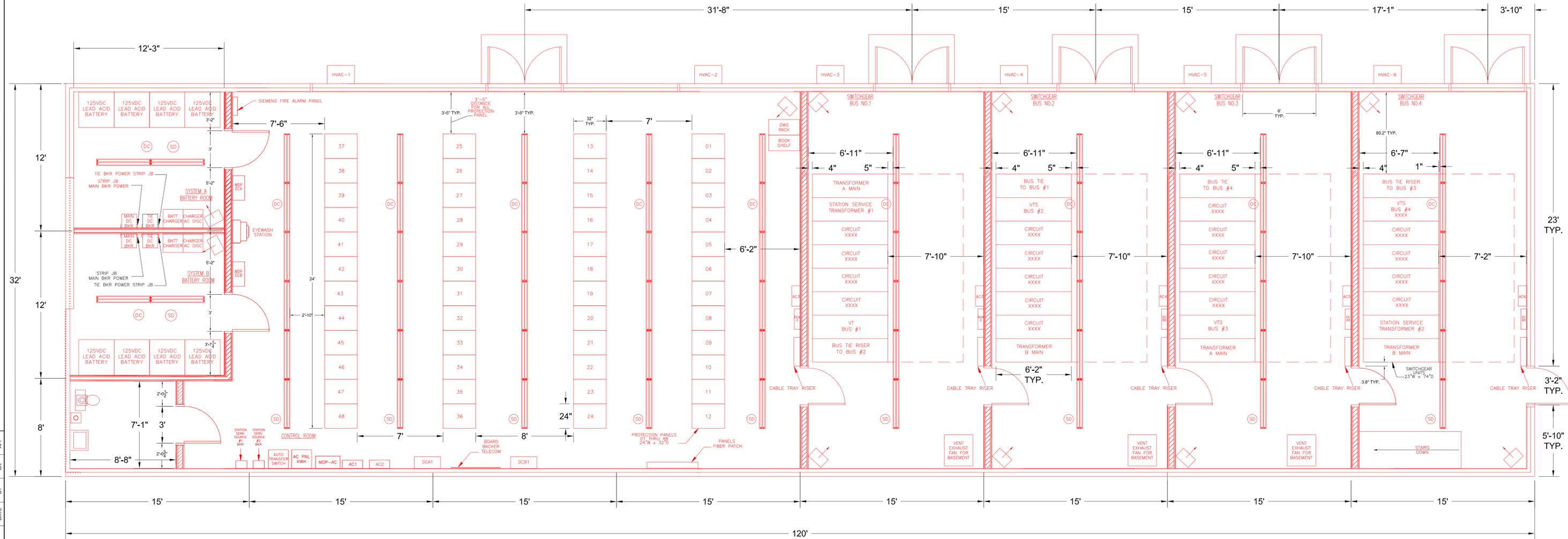
REV	DESCRIPTION	DATE	BY	CK	APP
D	REVISED PER COMMENTS	10/24/2019	VJP	JPW	JPW
C	REVISED PER COMMENTS	10/10/2019	VJP	JPW	JPW
B	CHANGE POC	9/26/2019	VJP	JPW	JPW
A	ZOOM IN SCALE UP LEGEND	9/26/2019	VJP	JPW	JPW

LOGO	INFO

ANSI D 10/24/2019

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

Appendix A - Control House Equipment Layout

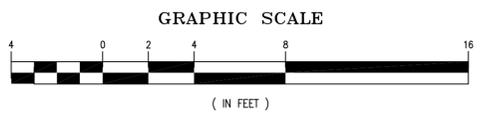


FLOOR PLAN
SCALE: 1/4"=1'-0"

- NOTES:**
1. CONCEPT PREPARED FOR 3415KV BUS ARRANGEMENT IN GIS APPLICATIONS.
 2. THE BUS IS SHOWN TO BE USED IF THERE IS FUTURE EXPANSION.
 3. BATTERY ROOM HAS BEEN SIZED FOR UP TO FIVE CABINETS INCLUDING THE CHARGER TO ACCOMMODATE UP TO 400 AMP HOURS.
 4. SMOKE DETECTORS SHALL BE INSTALLED UNDER ACCESS FLOOR IN EACH ROOM.
 5. CURRENT DESIGN AND EQUIPMENT LAYOUT IS DESIGN FOR CONCEPTUAL REQUIREMENT. ACTUAL EQUIPMENT RATINGS AND TO BE DETERMINED DURING THE DESIGN PHASE.
 6. SWITCHGEAR ROOMS TO BE FIRE RATED INCLUDING THE CEILING.
 7. BUILDING TO BE EITHER METAL OR CONCRETE.
 8. 3 POSITION SWITCH (CLOSED/OPEN/GROUND).
 9. METERING VT/CT'S SHALL BE AN APPROVED SUPPLIER BY NY PA ONLY FOR NEW YORK (IF REQUIRED).
 10. CABLE ENTRY TO BE CONFIRMED PER PROJECT.
 11. 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	SK-25233-005-003 DATE: 7/30/2018	
REV	DESCRIPTION	DATE	BY	CK	APP		

INFO					
REV	DESCRIPTION	DATE	BY	APP	
B	REVISED PER COMMENTS	4/16/2019	JDN	RJS	
				OK	

ANSI D 9/24/2019