

ELECTRIFY CANADA

4307 130th AVENUE SE, CALGARY, AB T2Z 3V8

8 DISPENSERS

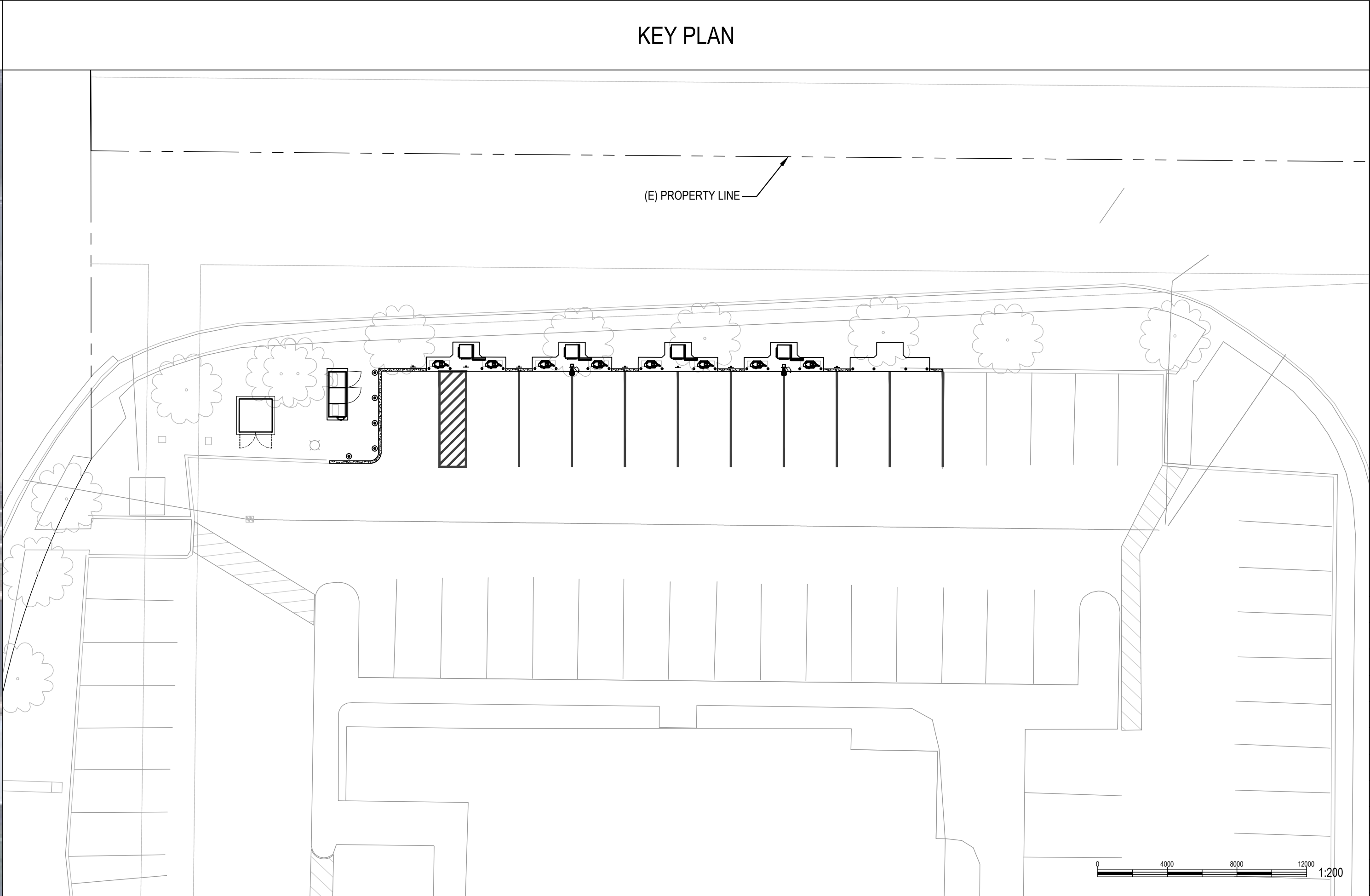
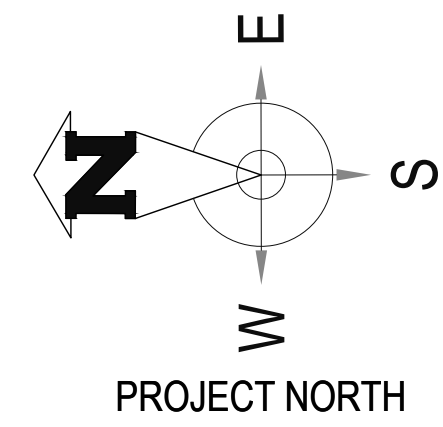
LINC: 0027812007

SITE ID: 800070

Contractor must check and verify all dimensions and conditions on site and report any discrepancies to designer and/or engineer prior to proceeding with work

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SHEET INDEX		EQUIPMENT LIST		DESIGN CRITERIA	PROJECT TEAM				ABBREVIATIONS						
E-00	COVER PAGE	EQUIPMENT	QTY	APPLICABLE CODES	CONSULTING TEAM				AC	ALTERNATING CURRENT	N/A	NOT APPLICABLE			
E-01	GENERAL NOTES	SWITCHBOARD	1	CSA C22.1 CANADIAN ELECTRICAL CODE	ELECTRICAL/ PRIME CONSULTANT	AES ENGINEERING LTD. ALEX GREIG, P.ENG. ALEX.GREIG@AESENGR.COM	STRUCTURAL	TBD	ESS	ENERGY STORAGE SYSTEM	NIC	NOT IN CONTRACT			
E-02	DEMOLITION PLAN	BTC DC CHARGER TOWER, 360kW	4	CSA C22.3 OVERHEAD SYSTEMS					BLDG	BUILDING	NRTL	NATIONALLY-RECOGNIZED TESTING LABORATORY			
E-03	ELECTRICAL SITE PLAN	BTC DC CHARGER DISPENSER, 360kW	8	CSA C22.3 NO. 7-15 UNDERGROUND SYSTEMS					CLR	CLEAR	NTS	NOT TO SCALE			
E-04	SINGLE LINE DIAGRAM	CAST IN PLACE BOLLARD W/ STAINLESS STEEL SLEEVE	25	MUNICIPAL BY LAWS	SITE INFORMATION				CONC	CONCRETE	OC	ON CENTER			
E-05	TRENCHING AND CONDUIT LAYOUT	LIGHT POST	2	N.B.C.C AND LOCAL PROVINCIAL BUILDING CODE	CLIENT DESIGN MANAGER	JAKE ZABROWSKY JAKE.ZABROWSKY@ELECTRIFYCANADA.COM BEN MOORE BEN.MOORE@ELECTRIFYCANADA.COM	PROPERTY OWNER	MELIH ERSOZ MERSOZ@RIOCAN.COM	COMM	COMMUNICATION	PCC	POINT OF COMMON COUPLING			
E-06	STUB-UP DETAILS	CAMERA	2						C/W	COMPLETE WITH	PL	PROPERTY LINES			
E-07	GROUNDING DETAILS	PARKING SIGNAGE	9						DC	DIRECT CURRENT	PLC	POWER LINE COMMUNICATIONS			
				REFERENCED DOCUMENTS	CLIENT CONSTRUCTION MANAGER	SEAN OGILVIE SOGILVIE@FORBESBROSLTD.CA MICHAEL STICKLAND MSTICKLAND@FORBESBROSLTD.CA	ELECTRICAL UTILITY	BC HYDRO	DIA	DIAMETER	PV	PHOTOVOLTAIC			
				TOPOGRAPHIC SURVEY								DIST	DISTANCE	PP	POWERPACK
				UTILITY DESIGN								EQ	EQUAL	PVC	POLYVINYL CHLORIDE
				SOIL MANAGEMENT PLAN (IF APPLICABLE)	CLIENT PROJECT DEVELOPER	CLAYTON CLARK CLAYTON@ASIL.COM	UTILITY DESIGNER	TBD	EGC	EQUIPMENT GROUNDING CONDUCTOR	RSD	RAPID SHUTDOWN			
									(E)	EXISTING	SCCR	SHORT CIRCUIT CURRENT RATING			
									EA.	EACH	SCH	SCHEDULE			
									EMT	ELECTRICAL METALLIC TUBING	SQ. IN.	SQUARED INCHES			
									EV	ELECTRIC VEHICLE	SS	STAINLESS STEEL			
									GAB	GRADED AGGREGATED BASE	SSD	SEE STRUCTURAL DRAWINGS			
									GALV	GALVANIZED	STC	STANDARD TESTING CONDITIONS			
									GEC	GROUNDING ELECTRODE CONDUCTOR	TX	TRANSFORMER			
									GND	GROUND	TYP	TYPICAL			
									HVAC	HEATING, VENTILATION & AIR CONDITIONING	UON	UNLESS OTHERWISE NOTED			
									I	CURRENT	VIF	VERIFY IN FIELD			
									IMP	CURRENT AT MAX POWER	W	WATT			
									INV	INVERTER					
									ISC	SHORT CIRCUIT CURRENT					
									KVA	KILOVOLT AMPERE					
									KW	KILOWATT					
									LV	LOW-VOLTAGE					
									MAX	MAXIMUM					
									MIN	MINIMUM					
									MV	MEDIUM-VOLTAGE					
									(N)	NEW					

CLIENT:

GENERAL CONTRACTOR:

ELECTRICAL ENGINEERS:


3	ISSUED FOR CD100 REVIEW	2025-03-10
2	ISSUED FOR CD90 REVIEW	2024-12-16
1	ISSUED FOR CD50 REVIEW	2024-10-25
REV	DESCRIPTION	DATE

PROJECT NAME:
ELECTRIFY CANADA
SOUTH TRAIL CROSSING
ELECTRIC VEHICLE
CHARGING STATION
PROJECT ADDRESS:
4307 130th AVENUE SE
CALGARY, AB, T2Z 3V8

DRAWING TITLE:
COVER PAGE

DATE:	2025-03
SCALE:	AS INDICATED
DRAWN BY:	AZ
CHECKED BY:	AMG
JOB NUMBER:	0123.0492.004

DRAWING NUMBER:
E-00

NOTES

1.

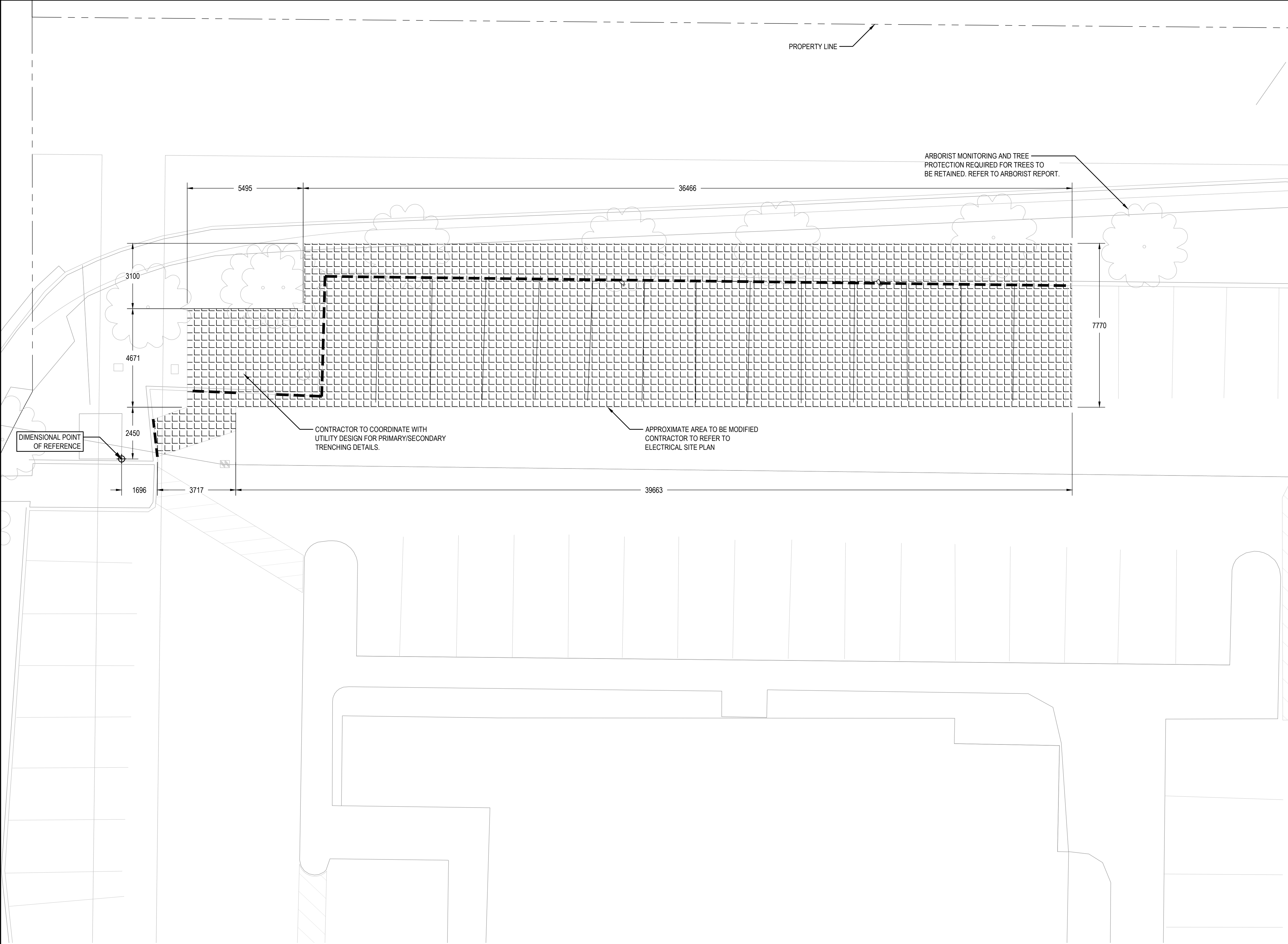
THE LIMITS OF HARDSCAPE & SOFTSCAPE REMOVAL ARE SHOWN AS FOR INFORMATION ONLY AND IT SHALL BE UP TO THE CONTRACTOR TO DETERMINE THE EXACT LIMITS.
2.

HAND DIG OR HYDROVAC AROUND EXISTING BURIED LINES WITH CAUTION AT ALL TIMES.
3.

ANY IRRIGATION LINES IMPACTED BY CONSTRUCTION TO BE RESTORED BY CONTRACTOR.

SITE LEGEND

- ANY (E) OBJECT TO BE DEMOLISHED
- (E) AREA TO BE MODIFIED
- (E) CURB TO BE DEMOLISHED



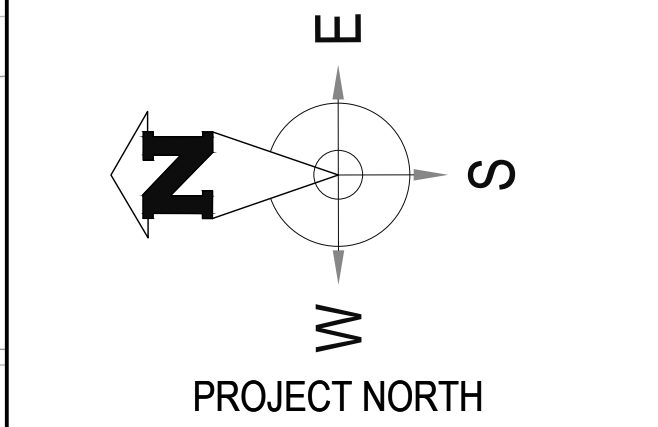
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E-02
NTS

DEMOLITION PLAN

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CLIENT:

 electrify canada

GENERAL CONTRACTOR:

 FORBESBROS
INFRASTRUCTURE | CONSTRUCTION

ELECTRICAL ENGINEERS:

 AES
Designing A Better Tomorrow
501 - 554 Leoni Ave. Kelowna, BC V1Y 6B6
250-420-6454 | www.aesengr.com
CALGARY | KELOWNA | VANCOUVER | VICTORIA

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