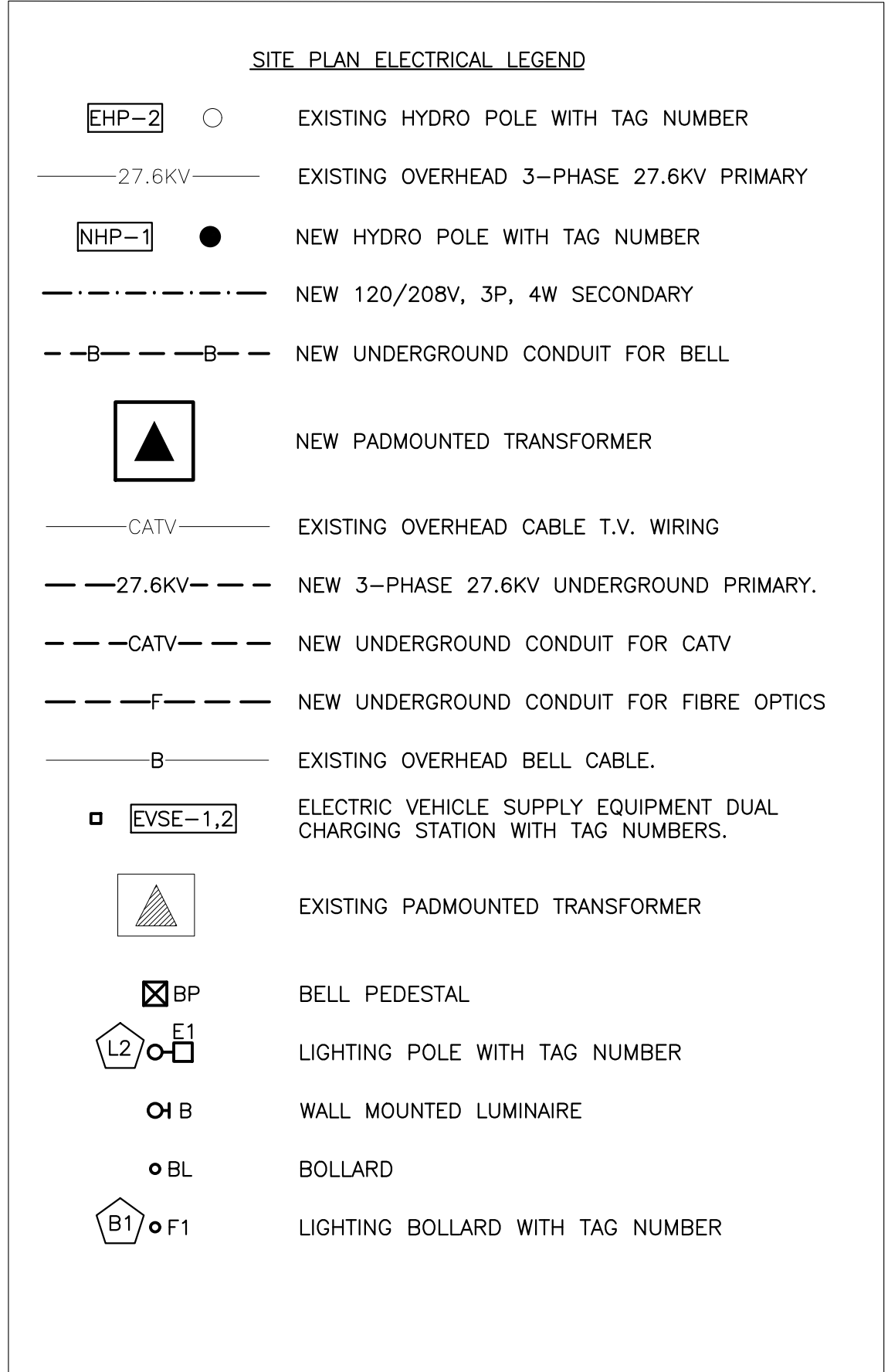
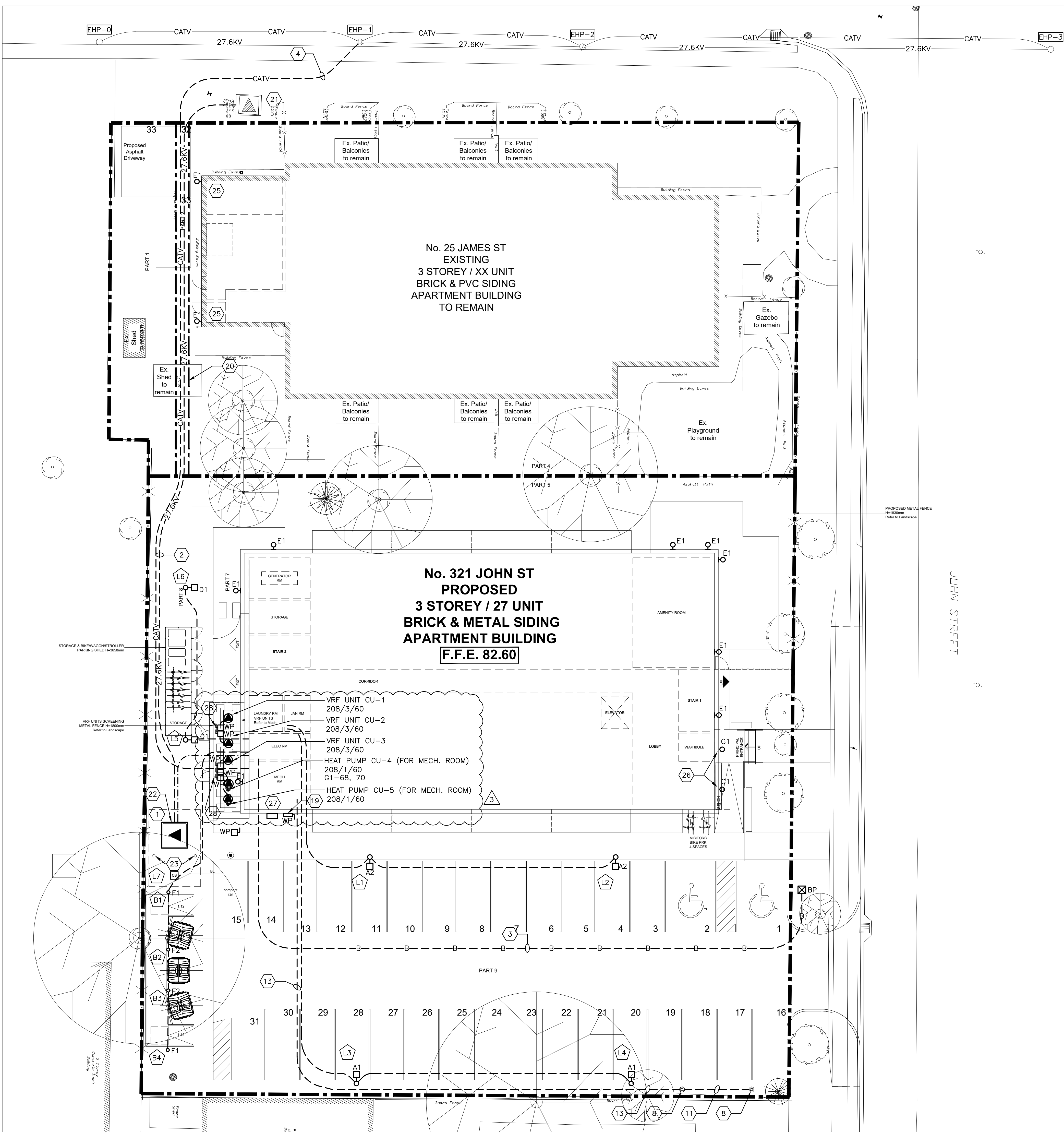




DRAWING NOTES

- 1 PRIOR TO TENDER CLOSE AND PRIOR TO INSTALLATION, CONTRACTOR IS TO OBTAIN FROM LAKEFRONT UTILITIES THE LATEST DETAILS FOR TRANSFORMER BASE INSTALLATION AND TRANSFORMER GROUNDING AND INCLUDE THESE COSTS IN BID.
- 2 PRIOR TO TENDER CLOSE AND PRIOR TO INSTALLATION, CONTRACTOR SHALL OBTAIN FROM LAKEFRONT UTILITIES THE LATEST DETAILS AND SPECIFICATIONS FOR CONCRETE ENCASED DUCT BANKS AND INCLUDE COST FOR SUCH IN BID. FOR THE PRIMARY DUCT BANK PROVIDE 4 x 100 mm CONCRETE ENCASED DUCT BANKS. CONTRACTOR SHALL ALSO PROVIDE THE 28KV PRIMARY CABLE IN THE DUCT BANK TO LAKEFRONT UTILITY STANDARDS.
- 3 PROVIDE ONE 78mm RIGID PVC DIRECT BURIED CONDUIT FOR BELL.
- 4 PROVIDE ONE 78mm RIGID PVC DIRECT BURIED CONDUIT FOR CATV.
- 5 NOTE NOT USED.
- 6 NOTE NOT USED.
- 7 NOTE NOT USED.
- 8 LEAVE CONDUITS CAPPED UNDERGROUND FOR FUTURE EVSE PEDESTAL LOCATIONS.
- 9 NOTE NOT USED.
- 10 NOTE NOT USED.
- 11 50mm DIRECT BURIED RIGID PVC CONDUIT FOR EVSE.
- 12 NOTE NOT USED.
- 13 TWO (2) 50mm DIRECT BURIED RIGID PVC CONDUITS FOR EVSE.
- 14 NOTE NOT USED.
- 15 NOTE NOT USED.
- 16 NOTE NOT USED.
- 17 NOTE NOT USED.
- 18 NOTE NOT USED.
- 19 EXTERIOR WEATHER PROOF DISCONNECT FOR SOLAR ARRAY.
- 20 PROVIDE DIRECTIONAL BORING FOR DUCT BANKS UNDER EXISTING SHED.
- 21 COORDINATE WITH LAKEFRONT UTILITIES INC. FOR CONNECTION OF NEW PRIMARY FEEDER TO EXISTING PADMOUNT TRANSFORMER.
- 22 BOND FENCE TO PADMOUNT TRANSFORMER GROUNDING GRID PER ONTARIO ELECTRICAL SAFETY CODE REQUIREMENTS.
- 23 PROVIDE BOLLARDS TO PROTECT NEW PADMOUNT TRANSFORMER.
- 24 NOTE NOT USED.
- 25 CONNECT NEW FIXTURES TYPE E1 TO EXISTING EXTERIOR LIGHTING CIRCUIT IN EXISTING BUILDING AT 25 JAMES STREET.
- 26 SURFACE MOUNTED FIXTURES ON UNDERSIDE OF METAL CANOPY. COORDINATE WITH ARCHITECT AND CANOPY INSTALLER WHO WILL BE PROVIDING A RECESSED SEALED METAL BOX FOR INSTALLATION OF THE ELECTRICAL JUNCTION BOX. PROVIDE WEATHERPROOF CONDUIT ON TOP OF STEEL CANOPY TO FEED THE LIGHT FIXTURES LOCATED UNDER THE CANOPY.
- 27 WEATHERPROOF EXTERIOR CAMLOCK CONNECTION BOX FOR CONNECTION OF PORTABLE GENERATOR.
- 28 COORDINATE DISCONNECT LOCATION WITH GATES IN FENCE TO PROVIDE 1m CLEAR WORKING SPACE.



1 E1 ELECTRICAL SITE PLAN

SCALE: 1:150



ISSUE DATE:

NO.	DATE	DESCRIPTION
1	26/05/29	ISSUED FOR BUILDING PERMIT
2	26/05/29	ISSUED FOR TENDER DRAFT
3	26/06/19	ISSUED FOR ADDENDUM E3

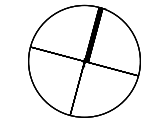
PROJECT:
ONTARIO ABORIGINAL
HOUSING SERVICES (OAHS), COBOURG

321 John Street, Cobourg, Ontario

DRAWING TITLE:
ELECTRICAL SITE PLAN

PROJECT NO: 251088
SCALE: AS NOTED
DRAWN BY: KER
REVIEWED BY: RJV

PROJECT NORTH:



DRAWING NO:

E1

4 WYSE METER VOLTAGE REFERENCE PANELS.

9 CONTRACTOR TO PROVIDE A COMPLETE COORDINATION AND ARC FLASH STUDY. STUDY TO BE SUBMITTED WITH THE DISTRIBUTION EQUIPMENT SHOP DRAWINGS. STUDY MUST BE COMPLETED BY A COMPANY WITH AT LEAST 5 YEARS EXPERIENCE IN ARC FLASH AND COORDINATION STUDIES.

17 3/C #2/0 COPPER AC90 CABLE.

21 CONTRACTOR TO PROVIDE SECONDARY LUGS AT TRANSFORMER
COORDINATE WITH LUI.

23 BUILDING ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL THE EXTERIOR 600A DISCONNECT SWITCH AND FEEDERS AND CONDUITS FROM DISTRIBUTION PANEL DP-1. SOLAR CONTRACTOR TO PROVIDE CONDUCTORS DOWNSTREAM OF EXTERIOR ISOLATION DISCONNECT.

