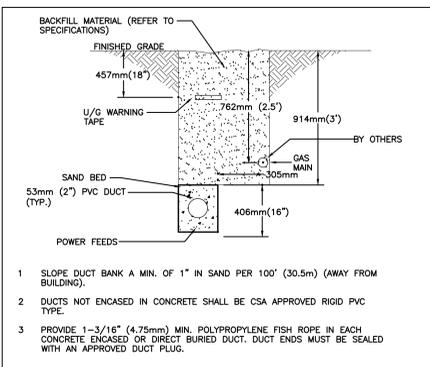


- INDICATES LOCATION OF NEW SECONDARY DUCTBANK FROM UTILITY POLE 3 PHASE RISER TO NEW MAIN SWITCHBOARD. REFER TO DETAIL D-10101.
- MOUNT WALLPACKS AT APPROX. 3400mm AFG (CONFORM WITH ARCHITECTURAL ELEVATIONS).
- THIS CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND GENERAL TRADES FOR TRENCHING RESPONSIBILITY FOR SHARED TRENCH.
- PROVIDE A 4"x4" POST C/W SONOTUBE BASE. POST IS TO EXTEND 4' AFG. TO SUIT RECEPTACLE MOUNTING FOR PROPANE TANK WARMING BLANKETS.
- PROVIDE T-SLOT GROUND FAULT RECEPTACLE COMPLETE WITH "HEAVY DUTY IN-USE" WEATHER-PROOF COVER. COORDINATE PLACEMENT WITH MECHANICAL TRADE. INDICATED DEVICE IS TO BE MOUNTED ±36" (900mm) ABOVE FINISHED GRADE LEVEL.
- INDICATES FIRE ALARM SUPERVISORY CONNECTION TO BELOW GRADE FIRE PROTECTION STORAGE TANKS. PROVIDE FIRE ALARM SUPERVISED CABLING IN 21mm PVC CONDUIT TO ACCESSIBLE LOCATION FOR NEW INITIATING CIRCUIT EOL IN ACCESSIBLE LOCATION WITHIN NEW ADDITION. COORDINATE FINAL LOCATION WITH CIVIL CONTRACTOR AND STORAGE TANK PROVIDER.

ELECTRICAL SERVICE-SCOPE OF WORK

- HYDRO ONE INC. (UTILITY) WILL PROVIDE THE FOLLOWING WORK. COST WILL BE PART OF THE ALLOWANCE FOR UTILITY WORK AS LISTED IN SPECIFICATIONS.
- REMOVAL OF EXISTING POLE MOUNT TRANSFORMERS.
 - REPLACEMENT OF EXISTING HYDRO POLE AT TRANSFORMER LOCATION.
 - SUPPLY AND INSTALL NEW POLE MOUNTED TRANSFORMERS.
 - CONNECTION OF SECONDARY CABLES AT WEATHERHEAD.
 - SUPPLY AND INSTALLATION OF NEW METERING INSTRUMENTATION AND P-BASE EXTERIOR METERING ENCLOSURE.
 - INSTALLATION OF 3 PHASE RISER DUCTS (SUPPLIED BY ELECTRICAL CONTRACTOR).

- THE ELECTRICAL CONTRACTOR FOR THE BUILDING OWNER (CUSTOMER) SHALL BE RESPONSIBLE FOR THE FOLLOWING:
- INSTALLATION OF NEW EXTERIOR P-BASE METERING ENCLOSURE AND CONDUIT TO SWITCHBOARD UTILITY COMPARTMENT AND METER CABINET.
 - SUPPLY AND INSTALLATION OF CONCRETE ENCASED SECONDARY DUCTBANK FROM 3 PHASE RISER AT TRANSFORMER HYDRO POLE TO MAIN SWITCHBOARD.
 - SUPPLY AND INSTALLATION OF SECONDARY CABLES IN DUCT BANK C/W CONNECTION AT MAIN SWITCHBOARD AND SPARE CABLE AT WEATHER HEAD (FINAL CONNECTION AT TRANSFORMER BY UTILITY).
 - SERVICE GROUND AT MAIN SWITCHBOARD PER ELECTRICAL CODE AND AS SHOWN. PROVIDE COORDINATION STUDY PER SPECIFICATIONS.
 - ALL WORK SHALL MEET UTILITY REQUIREMENTS & INSPECTION. ELECTRICAL CONTRACTOR TO CO-ORDINATE WITH UTILITY PRIOR TO PROCEEDING.
 - SUPPLY OF 3 PHASE RISER DUCTS (FOR UTILITY TO INSTALL).

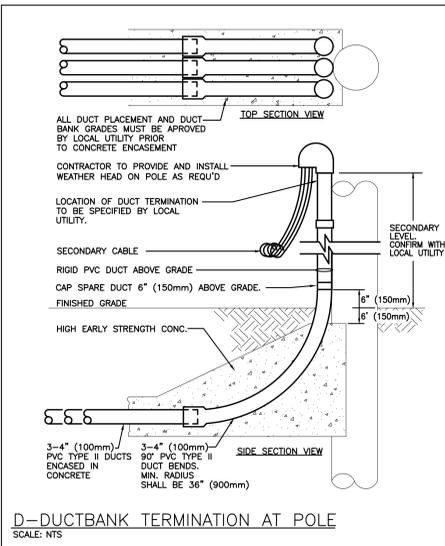
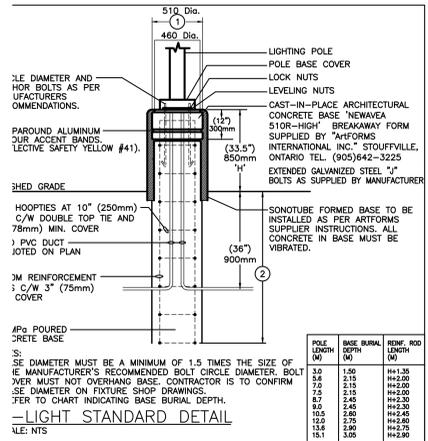


E-PROPANE TANK FEED
SCALE: NTS

No.	Revision	Date
5	RE-ISSUED FOR BUILDING PERMIT	28 MAR 2022
4	ISSUED FOR CONSTRUCTION	23 FEB 2022
3	ADDENDUM #1	26 OCT 2021
2	ISSUED FOR PERMIT & TENDER	27 SEPT 2021
1	ISSUED FOR 80% COORDINATION	04 AUG 2021

Orientation Seal

 PROJECT NORTH



D-DUCTBANK TERMINATION AT POLE
SCALE: NTS

EXTERIOR LIGHT FIXTURE SCHEDULE

Item	Manufacturer/Catalog Number	Voltage	Lamp	Mounting	Description
C	COOPER CAT. HOUSING: #LDBB-40-0010 POWER MODULE: #ERBB-3040-8040 TRIM: #SLB-W-1-L1	120V	42W 4000lm LED ARRAY 4000K	RECESSED	200mm# (8") LED CANOPY DOWNLIGHT FIXTURE, SELF-FLANGED, DAMP LOCATION C/W SPECULAR CLEAR FINISH, WIDE BEAM REFLECTOR AND IP65 GASKET KIT. CONFORM FIT IN CANOPY PRIOR TO SHOP DRAWINGS.
P	McGraw-Edison CAT. #GLEDN-SA-3B-740L-74FT-XX-HSS POLE COOPER CAT. #RSSA17	120V	LED 12389 LUMENS 4000K 124W	POLE	POLE MOUNTED DECORATIVE LED FIXTURE C/W EXTRUDED ALUMINUM ENCLOSURE, LOW PROFILE DESIGN, TYPE 'T4FT' DISTRIBUTION OPTICS WITH HOUSE SIDE SHIELD AND 17' (5.18m) STRAIGHT 3" ROUND POLE C/W DECORATIVE ROUND BASE COVER. ENTIRE ASSEMBLY SHALL HAVE STANDARD FINISH TO SUIT ARCHITECT.
W	COOPER CAT. #ENC-E02-LED-E1-BL3-XX LITHONIA CAT. #RSH-LED-92-40K-SR3-AW-LT-DBBK DECO CAT. #D440-60-40-UNV-D-T3-CU GARCOO CAT. #104L-32L-530-NW-G1-3-UNV-XX	120V	47W 5405lm LED ARRAY 4000K	WALL MOUNT	WALL MOUNTED SCONCE FIXTURE C/W CAST ALUMINUM HOUSING, TYPE 3 DISTRIBUTION C/W BACK LIGHT CONTROL AND TOOLLESS ENTRY TO HINGED LENS ASSEMBLY MOUNTED PER ARCHITECTURAL DRAWINGS. ENTIRE ASSEMBLY SHALL HAVE STANDARD FINISH TO BE CHOSEN BY ARCHITECT.

- NOTES: 1 FOR FURTHER LIGHT FIXTURE INFORMATION REFER TO SPECIFICATION. 2 LED LUMEN VALUES QUOTED FOR FIXTURES ARE TO BE CONSIDERED MINIMUM, AND AS ABSOLUTE OR DELIVERED LUMENS, LUMEN VALUES SHOULD NOT EXCEED MORE THAN 10% OF SPECIFIED OUTPUT. 3 WHERE NOTED ABOVE THAT FIXTURES ARE TO HAVE FINISH TO SUIT ARCHITECT THE FINISH WILL BE SELECTED FROM MANUFACTURER'S STANDARD COLOUR CHART. PROVIDE THIS COLOUR CHART WITH SHOP DRAWING SUBMITAL. 4 EQUAL MANUFACTURERS FOR THIS FIXTURE MUST CONTACT THE CONSULTANTS OFFICE A MINIMUM OF 10 CALENDAR DAYS PRIOR TO TENDER CLOSE TO OBTAIN AN ELECTRONIC VERSION OF THE SITE PLAN. THEY MUST THEN PROVIDE PHOTOMETRIC ANALYSIS FOR THE EXTERIOR FIXTURE LAYOUT INDICATED USING THEIR PROPOSED FIXTURE. 5 IF THERE ARE ANY DISCREPANCIES BETWEEN THE FIXTURE PART NUMBER AND DESCRIPTION, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO BRING THIS TO THE ELECTRICAL CONSULTANT'S ATTENTION PRIOR TO DRAWING REVIEW.

DEI Consulting Engineers Inc.
 MECHANICAL | ELECTRICAL | AQUATIC
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 Phone: 519-725-3555
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 Project Number: 20233

The contractor shall verify all dimensions and report all errors and discrepancies to the Consultant before commencement of the work. The drawings show general arrangement of services. Follow as closely as actual building construction will permit. Obtain approval for relocation of service from Consultant before commencement of the work. The drawings do not indicate all offsets fitting and accessories which may be required. Provide the same to meet the required conditions. Drawings and specifications, etc., prepared and issued by the consultant are the property of the consultant and must be returned at the completion of the project. These documents are not to be duplicated or copied without the consent of the Consultant. Do not scale this drawing. © 2022 DEI & Associates Inc.

Project Information
St. Joseph C.E.S.- Addition and Alterations
 405 Dours 4th Line, Lakefield, ON

For PVNCCDSB

Drawing Title
Site Plan

Date	February 2022	Project No	Drawing No
Drawn by	KF	18048	E101
Scale	AS NOTED		