ADDENDUM NO. #2 TO THE TENDER DOCUMENTS

PROJECT: Town of Bishop's Falls, Linear Park Main Street

CLOSING DATE: 2:00pm April 26, 2022

ADDENDUM DATE: April 25, 2022

This addendum shall form an integral part of the tender documents to be read in conjunction therewith. The purpose of this amendment is to give effect to the following:

1.0 Tender Closing Date

.1 The deadline for receipt of tenders is changed. The new deadline is 2:00pm, May 2nd, 2022.

2.0 Tender Form

Replace existing "Tender Price Table" with the attached Tender Price Table with the heading "Issue for Addendum #2 04/25/2022"

3.0 Electrical Drawings

- .1 Remove drawings ES1 and ES2, Issue for Addendum 04/19/2022. Replace with Drawings ES1 and ES2 Issue for Addendum 04/25/2022.
- .2 Add drawing ES3, Issue for Addendum 04/25/2022.

4.0 Questions

.1 Do all conduits from the pole mounted panel need to be rigid galvanized conduit and adapting to PVC underground?

NO Rigid PVC is acceptable.

.2 Do we require ground wires in conduits for the receptacle circuits and if so what size?

See sketch attached, ground Wires will be same size as hot conductors.

.3 Some power runs to poles for receptacles as per the addenda are in my opinion not manageable as per the following.

See revised drawings

.4 The lighting runs for all the poles are manageable as per the addenda with the possible exception of poles 13 and 15 where we will have 1 x ¾" & 2 x 1" & 1 x 2" conduit entering the bases.

See revised drawings

Bidders are reminded to acknowledge receipt of this addendum on the Tender Form.

END OF ADDENDUM NO. #2

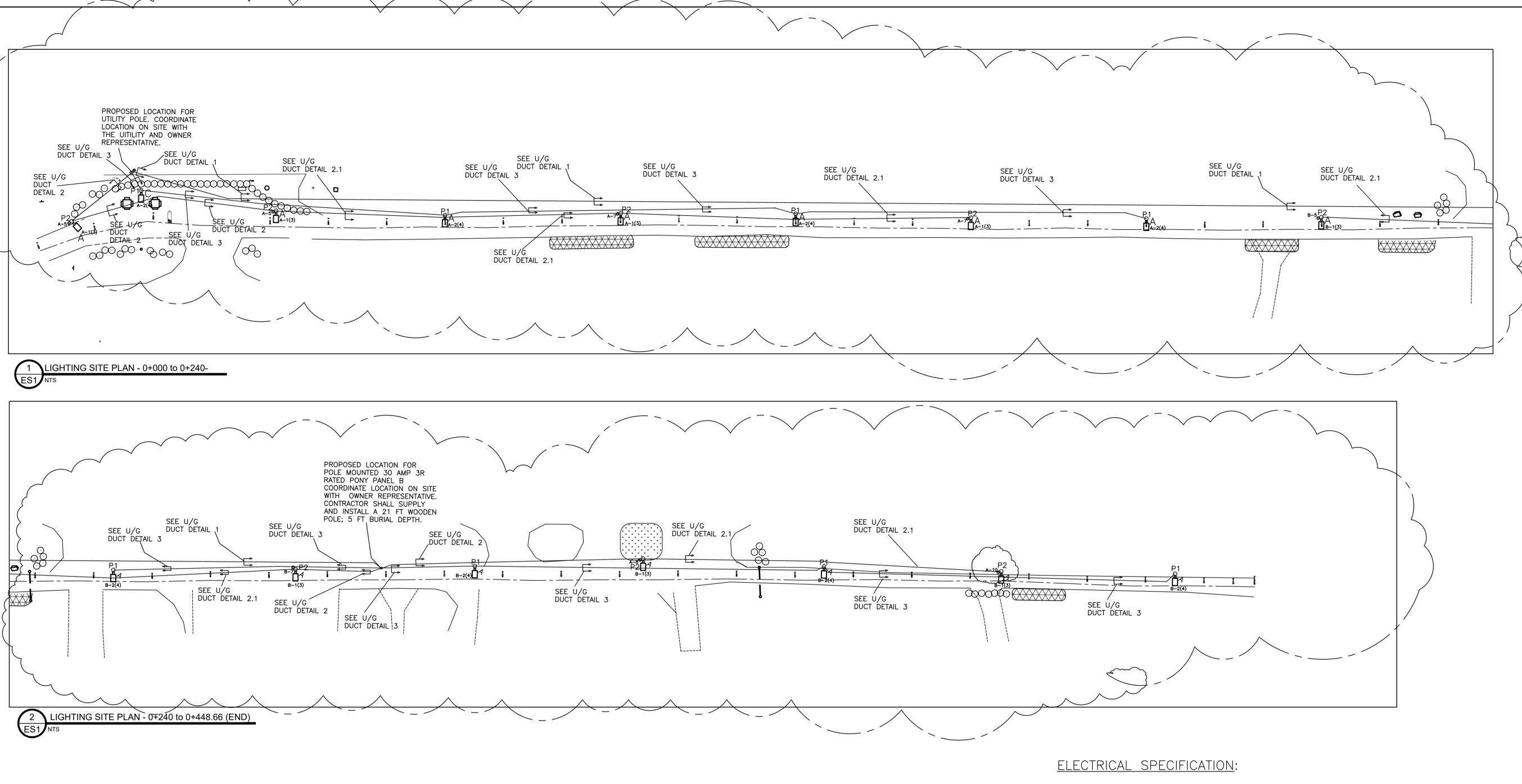
Issue For Addendum #2 04/25/2022

APPENDIX "C" TENDER PRICE TABLE

Sections		Description			Amount (\$)							
C1	Base Tender											
C2	Separate Prices											
	1 Trellis Structure, including foundations											
	2 Site Furniture											
	3	Naturalization Planting										
	Subtotal Separate Prices											
C3	Unit Prices Quantity Unit Price (\$)											
	1											
	Subtotal Unit Prices											
C4	Ca	sh Allowances										
	1	Quality Control Testing			\$5,000							
	2 Installation of Electrical Utility \$5,0											
	Subtotal Cash Allowances \$10,											
C5	Subtotal Tender Prices (Sum of Sections C1-C4)											
C6	На	rmonized Sales Tax (HST) (Multiply	Section C5 by 15%)									
C 7		TAL TENDER AMOUNT d Sections C5 + C6 and transfer this amount to Sec	ction 1 on page 1 of th	e Tender Form)								

Notes:

- 1. For the purposes of the Public Procurement Act and the evaluation of tenders received, the bid shall be the Total Tender Amount.
- 2. Work associated with the Separate Prices may be deleted at the sole discretion of the Owner at the time of contract award and a deduction(s) will be made to the Total Tender Amount equal to the amount(s) in C2 of the Tender Price Table.
- 3. Costs associated with the Unit Price work will vary depending upon the quantities authorized by the Engineer/Architect during the course of construction and the final contract amount will be adjusted accordingly, upwards or downwards, based upon the quoted unit rate.



NOTE: EQUIVALENTS OF LITHONIA AND COOPER BRAND FIXTURES ARE ACCEPTABLE.

			LIGHT FIXTURE	SCHEDULE	
TYPE	MANUFACTURER	CATALOGUE NO.	VOLT.	LAMPS	MOUNTING/COMMENTS
А	SIGNIFY	CAND165W42LED4KG2PCCRLE3240BKTX	1 240	LED	LIGHTING BRACKET CN1 CONFIG 1A
С	SIGNIFY	CAND165W42LED4KG2PCCRLE5240BKTX	240	LED	LIGHTING BRACKET CN1 CONFIG 1A

LIGHT POLE SCHEDULE

P1	LUMEC BY SIGNIFY	SPR4N16 BABD212 BKTX — FLOWER POT ARM AT 12'	C/W LIGHTING BRACKET CN1 CONFIG 1A
P2	LUMEC BY SIGNIFY	SPR4N16 GFI PSPCD BKTX — (LOWER BANNER AT 10' — UPPER BANNER AT 14') ORIENTATION DETERMINED ON SITE	C/W LIGHTING BRACKET CN1 CONFIG 1A

- 1. PROVIDE ALL MATERIALS, LABOUR, SCAFFOLDS, TOOLS AND EQUIPMENT NECESSARY TO COMPLETE THE ELECTRICAL INSTALLATION AND LEAVE ALL SYSTEMS READY FOR OPERATION.
- 2. DO THE ENTIRE INSTALLATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CANADIAN ELECTRICAL CODE C22.1-2021 AND ALL LOCAL AND PROVINCIAL
- 3. OBTAIN AND PAY FOR ALL FEES AND PERMITS REQUIRED BY ANY AUTHORITY HAVING JURISDICTION.
- 4. ALL MATERIAL SHALL BE NEW AND CSA APPROVED.
- 5. PROVIDE GROUND TO ALL EQUIPMENT PER CODE REQUIREMENTS.
- 6. PROVIDE AN OUTDOOR RATED PHOTOCELL FOR EACH LIGHTING CIRCUIT MOUNTED AT 12 FT ABOVE GROUND ON POLE.
- 7. DUPLEX RECEPTACLES SHALL BE 3 WIRE GFI GROUNDING TYPE, SPECIFICATION GRADE RATED 15 AMP, 120 VOLT.
- 8. PROVIDE ALL LIGHTING FIXTURES & POLES
- 9. PROVIDE WIRING FOR AND MAKE FINAL CONNECTION TO ALL ELECTRICAL

EQUIPMENT SUPPLIED. ALL WIRING SHALL BE IN CONDUIT.

- 10. PROVIDE SHOP DRAWINGS FOR THE FOLLOWING:
 - A) LIGHT FIXTURES
 - B) LIGHT POLES
 - C) PANELBOARD

NOTES

- 1. DO NOT RELY UPON INFORMATION SHOWN ON THIS DRAWING FOR CONSTRUCTION UNLESS IT STATES BELOW THE SHEET HAS BEEN SPECIFICALLY ISSUED FOR THAT PURPOSE AND THE SHEET HAS BEEN STAMPED AND SIGNED.
- 2. SURVEY INFORMATION PROVIDED BY LANDMARK SURVEYS 09/28/21
- 3. DO NOT SCALE FROM THIS DRAWING.

PROCEEDING WITH THIS WORK.

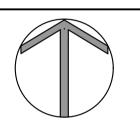
4. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS OTHERWISE NOTED

TO COMMENCING EXCAVATION WORK.

- 5. CONTRACTOR TO VERIFY CONDITIONS ON SITE BEFORE
- 6. CONTRACTOR TO ENSURE ALL PERMITS AND APPROVALS
- ARE IN PLACE BEFORE COMMENCING WORK. 7. CONTRACTOR TO LOCATE ALL BURIED SERVICES PRIOR
- 8. TOPSOIL AND SOD ALL DISTURBED AREAS UNLESS
- OTHERWISE NOTED.
- 9. WHERE POSSIBLE, RETAIN EXISTING VEGETATION:
- 0. U/G CONDUIT DETAILS ARE SHOWN SEPERATE FOR CLARITY. CONTRACTOR IS ADVISED TO RUN

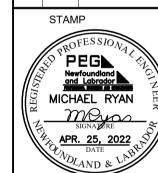






REVISIONS

	3		ISSUED FOR ADDENDUM	04/25/2022
	2		ISSUED FOR ADDENDUM	04/19/2022
	1		ISSUED FOR TENDER	04/01/2022
	0		ISSUED FOR REVIEW	11/05/2021
	No.	Ву	DESCRIPTION	MM/DD/YYYY



PERMIT PEG PERMIT HOLDER
This Permit Allows To practice Professional Engineering in Rewfoundland and Labrador. Permit No. as issued by PECML NOSSG which is valid for the year 2022



100 LEMARCHANT RD. ST. JOHN'S, NL CANADA A1C 2H2 TRACT TEL (709) 738-2500 FAX (709) 738-2499

ELECTRICAL SUBCONSULTANT



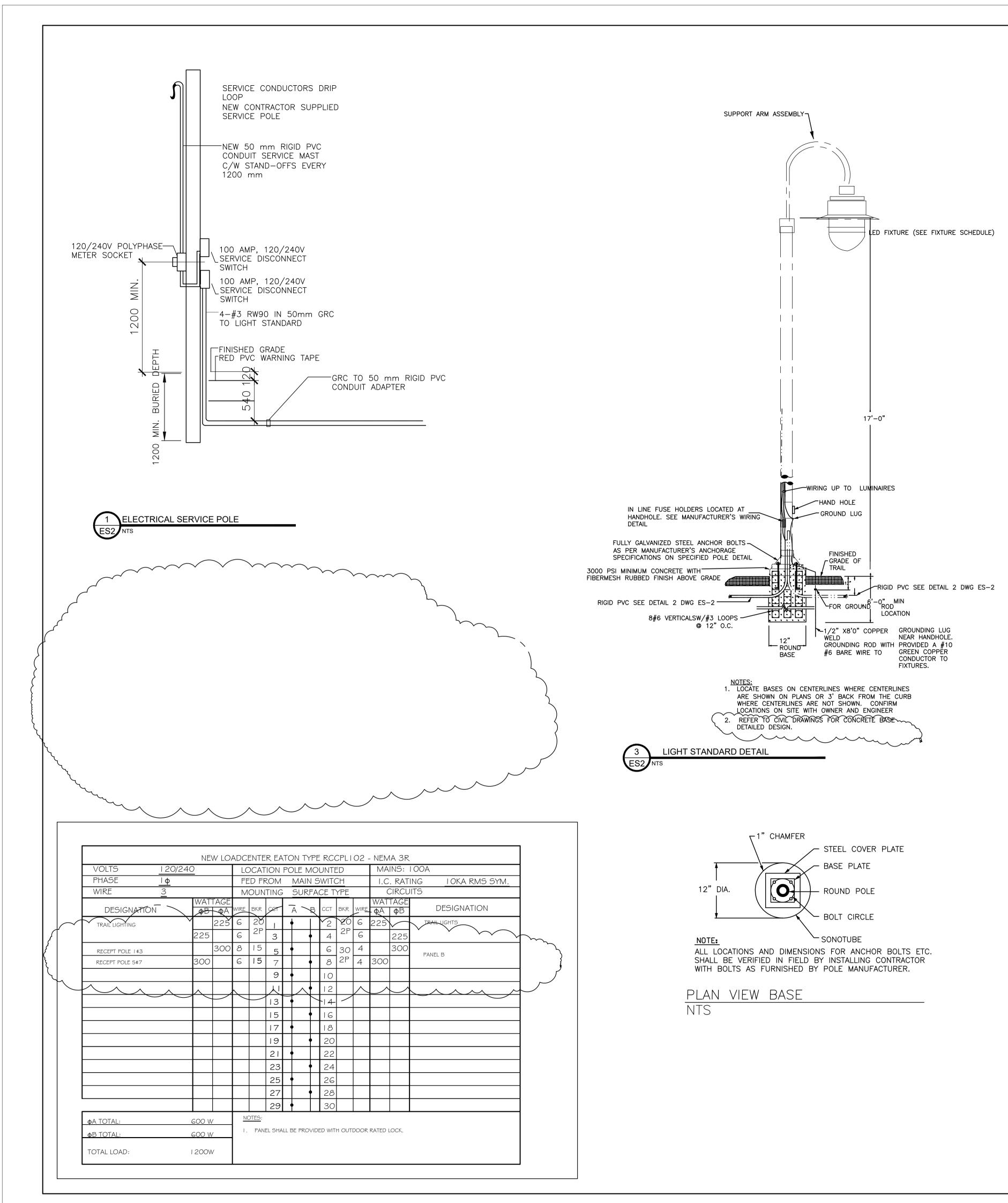
TOWN OF BISHOPS **FALLS**

PROJECT

LINEAR PARK MAIN STREET

LIGHTING SITE PLAN

ı	DESIGNED	DRAWN	SCALE
	MR	MR	SHWN
ı			
ı	APPROVED	DATE	SHEET
	TRACT	04/01/2022	F0/
	PRO ISOT NO		ES'
ı	PROJECT NO.		
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GENERAL NOTES:

- 1. DO NOT SCALE FROM THIS DRAWING
- 2. CONTRACTOR TO VERIFY DIMENSIONS ON SITE BEFORE PROCEEDING WITH
- 3. ELECTRICAL CONTRACTOR TO CONSULT/CO-ORDINATE
 WITH THE ENGINEER AND UTILITY ON EXACT PLACEMENT OF UTILITY POLE(S)
- ON SITE

 4. A \$5000 CASH ALLOWANCE SHALL BE PROWDED BY OWNER FOR THE INSTALLATION OF THE ELECTRICAL UTILITY. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING OF UTILITY SERVICES FOR PROJECT, INCLUDING BUT NOT LIMITED TO THE SUPPLY AND INSTALLATION OF POLE(S) AND UTILITY HOOK—UP CONNECTION.
- 5. BECAUSE THERE ARE NUMEROUS VARIATIONS IN GRADES ON THE SITE, THE CONTRACTOR IS ADVISED TO VIEW THE SITE AND THE CIVIL AND ARCHITECTURAL DRAWINGS TO OBTAIN INFORMATION REQUIRED TO COMPUTE THE LENGTH OF DUCT AND CABLE RUNS.
- THE GENERAL CONTRACTOR SHALL SUPPLY AND INSTALL THE CONCRETE BASE FOR THE POLES. ELECTRICAL CONTRACTOR SHALL INSTALL GROUNDING GRID TO NFLD POWER STANDARDS AS SHOWN ON THEIR STANDARD DRAWINGS #28-4 AND #28-5
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, CONCRETE WORK AND BACKFILL ASSOCIATED WITH HIS WORK, INCLUDING BUT NOT LIMITED TO, CONCRETE POLE BASES, ETC. COORDINATE WITH OTHER CONTRACTORS.

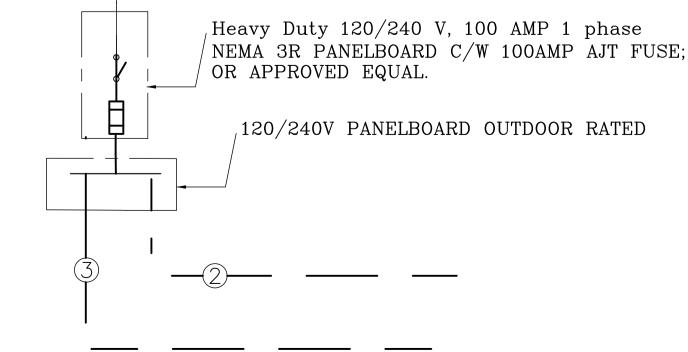
 ELECTRICAL SITE LEGEND:
- ALUMINOUS LIGHTING POLE, SEE FIXTURE SCHEDULE, 16FT MOUNTING
 HEIGHT, 4"ø, OR APPROVED EQUAL. SEE CIVIL DRAWINGS FOR CONCRETE
 POLE BASE DETAIL.

 16FT STEEL POLE (BLACK FINISH) ON CONCRETE BASE C/W MOUNTING
- BRACKET FOR ONE (1) TYPE A OR C FIXTURE. POLE & FIXTURES TO WITHSTAND 150MPH WITH 1.3 GUST FACTOR. SEE FIXTURE SCHEDULE ON DRAWING ES1 ('A' OR 'C' INDICATES FIXTURE TYPE IN SCHEDULE).
- † 15A, 120V, GFI DUPLEX RECEPTACLE, CSA TYPE 5-15R PROVIDED INTEGRATED WITH POLE BY POLE MANUFACTURER
- NSI STEM PHOTOCELL 208-277V 4620W

NO.	FEEDER SCHEDULE
1	3/C #3 AWG RW90 COPPER IN 50 mm RIGID PVC CONDUITS(COORDINATE WITH POWER AUTHORITY)
2	TWO 2/C #6 AWG RWU90 COPPER CIRCUITS IN 50 mm RIGID PVC CONDUITS AND #6 TW GND IN UNDERGROUND TRENCH
3	FOUR - 2/C CIRCUITS (AWG) PER PANEL SCHEDULE RWU90 COPPER IN 100 mm RIGID PVC CONDUITS AND #6 TW GND IN UNDERGROUND TRENCH

NORMAL POWER 100 AMP
120/240V, 1¢, 3W OVERHEAD
FROM UTILITY
COORDINATE NEW SERVICE
CONDUCTORS WITH UTILITY
1

NEW UTILITY METERING





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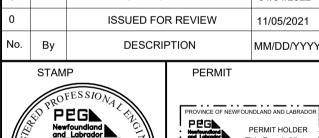
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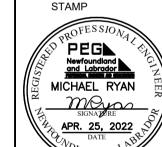




REVISIONS

ISSUED FOR ADDENDUM 04/25/2022 ISSUED FOR ADDENDUM 04/19/2022 ISSUED FOR TENDER 04/01/2022





PROVINCE OF NEWFOUNDLAND AND LABRADOR

PEG

PERMIT HOLDER
This Permit Allows

NOBILIS ENGINEERING LTD

To practice Professional Engineering
in Newfoundland and Labrador.

Permit No. as issued by PECHL NOSS6

which is valid for the year 2022





ELECTRICAL SUBCONSULTANT



CLIENT

TOWN OF BISHOPS FALLS

PROJECT

LINEAR PARK MAIN STREET

DRAWING

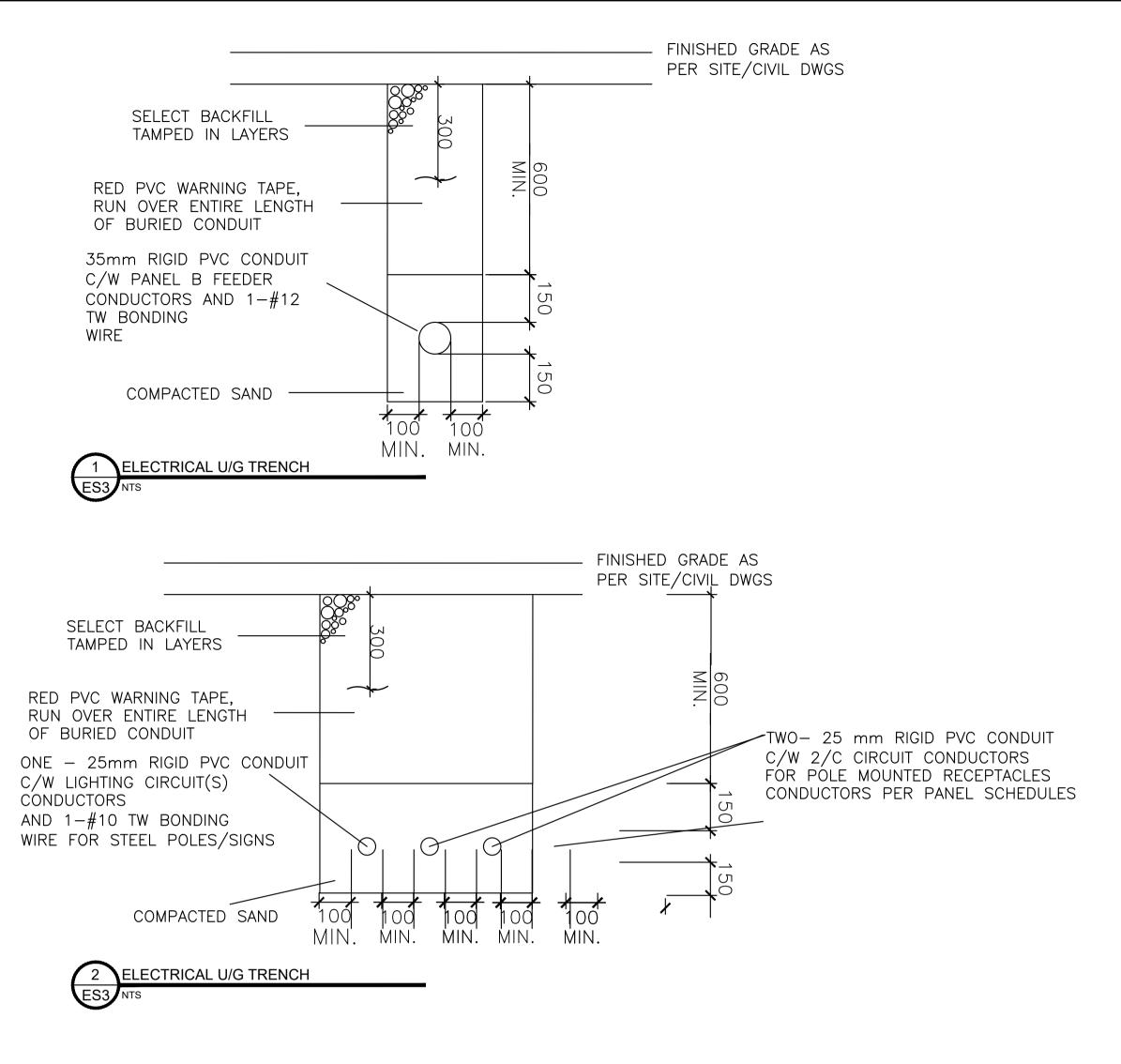
LIGHTING SITE DETAILS

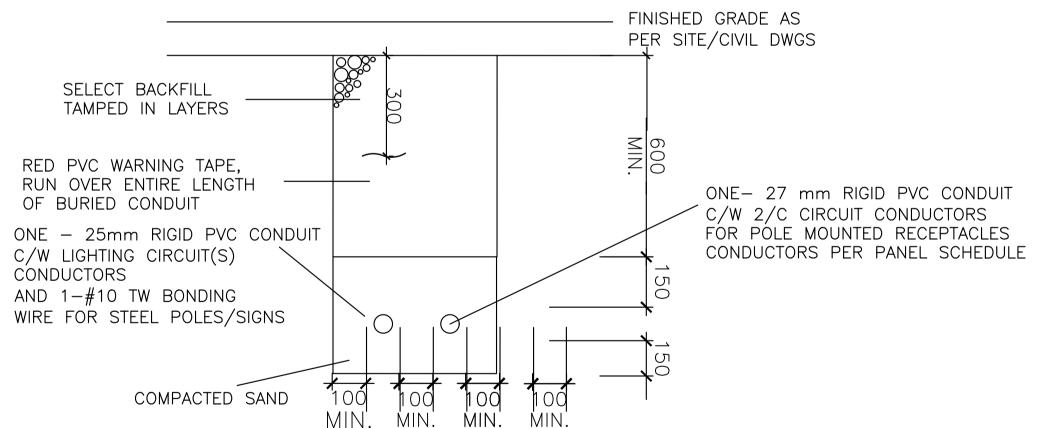
DESIGNED DRAWN SCALE SHWN

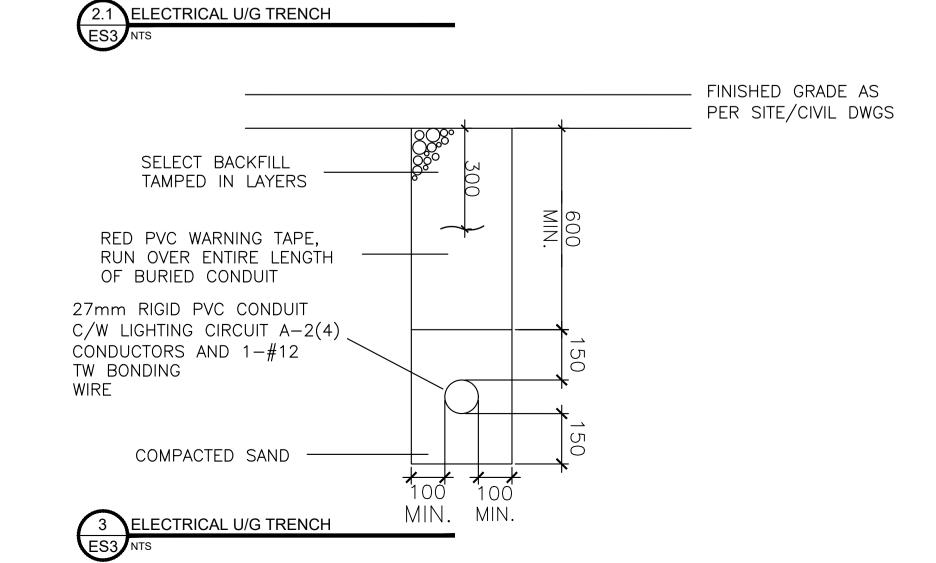
APPROVED DATE TRACT 04/01/2022

PROJECT NO.

BISH-21127







VOLTS 120/240				LOCATION POLE MOUNTED										MAINS: 30A			
PHASE	ASE Ιφ			FE	D FR	ROM		PANEL A						. RATI	ING I OKA RMS SYM.		
WIRE 3			М	MOUN			SURFA		CE TYPE		CIRCL		ITS				
DESIGNATIO	N	WAT p B	TAGE ф A	WIRE	BKR	ССТ	,	A	В	ССТ	BKR	WIRE	WAT	TAGE	DESIGNATION		
TRAIL LIGHTING		225	225	6	20 2P	c				2	20 2P	6 6	300	300	TRAIL LIGHTING		
RECEPT POLE 9		225	300	6	15	3 5	H	•		4 6	15	8	300	300	RECEPT POLE 13		
RECEPT POLE		300		8	15	7		,	•	8	15		300		RECEPT POLE 15		
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TOTAL:		600 V	/	NC	DTES:												
3 TOTAL:		600 V	V	١.	1. PANEL SHALL BE PROVIDED WITH OUTDOOR RATED LOCK.												

4 PANEL B SCHEDULE

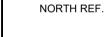
NOTES

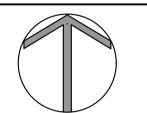
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Newfoundayd
PERMIT HOLDER
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NOBILIS ENGINEERING LTD

To practice Professional Engineering
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Permit No. as issued by PEGMI. N0886
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CONSULTANT



ELECTRICAL SUBCONSULTANT



CLIE

TOWN OF BISHOPS FALLS

PROJECT

LINEAR PARK MAIN STREET

DRAWING

LIGHTING SITE DETAILS

DESIGNED DRAWN SCALE SHWN

APPROVED DATE TRACT 04/01/2022

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