

E-ADD-01

To Dr. Nancy Mackin, Architect Mackin + Associates	From Ethan Hoffman, ASCT, BCME Project Manager
Re Our House BC Hydro Service	Date December 18, 2023

This addendum forms part of the contract documents and is to be read, interpreted and coordinated with all other parts. The cost of all work contained herein is to be included in the Contract Sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above named project to the extent referenced and shall become part thereof.

BC Hydro has provided their Issued for Information design drawings for electrical service to the Our House facility. Please refer to the attached BC Hydro drawing 701-U07-01095 for details. BC Hydro drawings shall take precedence over the IFT electrical drawings for all BC Hydro owned infrastructure including primary ducts, secondary ducts, and transformer.

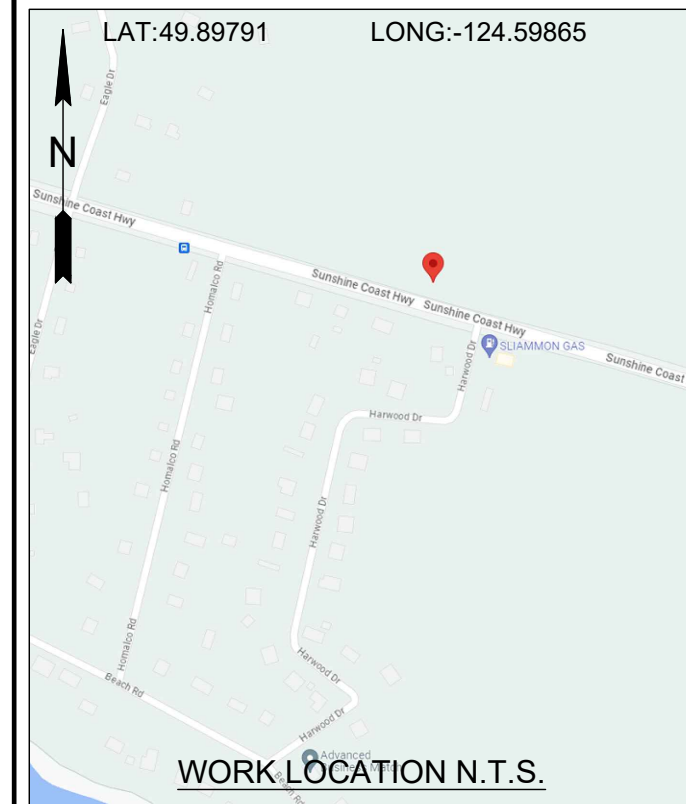
Contractor shall supply and install all BC Hydro ducting, bollards, and pilaster, as well as install the BC Hydro supply transformer base and counterpoise. BC Hydro will supply and install all primary and secondary cabling up to the customer service disconnect as well as supply and install the transformer.

All BC Hydro works shall be in accordance with the relevant BC Hydro standards and be coordinated with the BC Hydro for all inspections as determined by BC Hydro.

McElhanney Ltd.



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DISCLAIMER
 THIS DRAWING IS THE PROPERTY OF BC HYDRO AND SHALL NOT BE USED, REPRODUCED OR REFINISHED WITHOUT THE CONSENT OF BC HYDRO. BC HYDRO WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE OR RELIANCE UPON, OR ANY CHANGES MADE TO THIS DRAWING. PLEASE NOTE THAT BC HYDRO DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE CONTENTS WHETHER SHOWN OR OMITTED FROM THIS DRAWING.

BC ONE CALL
 CALL BEFORE YOU DIG
 1-800-474-6886
 CALL AT LEAST 3 FULL WORKING DAYS BEFORE YOU PLAN TO DIG

- CIVIL SPEC. 1323 NOTES:**
- BC HYDRO UNDERGROUND CIVIL INSPECTOR MUST BE NOTIFIED 48 HOURS PRIOR TO CONSTRUCTION.
 - ALL WORK TO BE PERFORMED IN ACCORDANCE WITH CLASS OF WORK SPECIFICATION 1323 AND BC HYDRO UNDERGROUND DISTRIBUTION ENGINEERING STANDARDS SERIES ES53 AND ES54.
 - ANY CHANGES NEED TO HAVE PRIOR APPROVAL OF BC HYDRO CIVIL INSPECTOR.
 - UNLESS OTHERWISE NOTED ON TRENCH DETAILS OR REQUIRED PER ES 54 H0-02.02, ALL CONDUIT INSTALLATION FOR BC HYDRO ON PUBLIC OR PRIVATE PROPERTY SHOULD HAVE MIN. 0.9m COVER AND ANY FACTORY BEND MUST HAVE A MIN. RADIUS OF 0.9m.
 - ALL UTILITIES (EXCEPT TELUS) MUST MAINTAIN A 0.9m HORIZONTAL AND 0.3m VERTICAL SEPARATION FROM BC HYDRO DUCT UNLESS DIRECTED OTHERWISE BY BC HYDRO CIVIL INSPECTOR.
 - OTHER UTILITIES SHOWN ON THE CIVIL DRAWING ARE FOR REFERENCE ONLY. PROVE LOCATION OF ALL UTILITIES IN THE WORK AREA BEFORE CONSTRUCTION. FOR CURRENT INFORMATION CONTACT BC ONE CALL.
 - ALL OFFSETS INDICATE CENTERLINE OF BC HYDRO PLANT.
 - METRES EXPRESSED IN DECIMALS, MILLIMETRES IN WHOLE NUMBERS.
 - TRANSFORMER MUST BE A MIN. OF 1.5m BEHIND NON-MOUNTABLE CURB OR PROTECTED. FINAL NUMBER AND LOCATION OF PROTECTION POSTS TO BE DETERMINED IN THE FIELD BY BC HYDRO CIVIL INSPECTOR.
 - FOR TRANSFORMER PAD COUNTERPOISE CLEARANCES TO OTHER UTILITIES AND UNDERGROUND CONDUCTIVE SURFACES, SEE ES54.
 - MIN. OFFSET FOR BC HYDRO DUCTS, IN JOINT TRENCH, FROM PROPERTY LINE IS 1.2m, UNLESS OTHERWISE NOTED.
 - STUB SERVICE DUCT 1.0m FROM PROPERTY CORNER AND 1.0m INTO THE LOT UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE RESOURCE THAT IS PERFORMING THE INSTALLATION OF THE PROPOSED CIVIL WORKS TO PROVIDE BC HYDRO WITH A RECORD DRAWING(S) OF THE CONSTRUCTION. THE RECORD DRAWING(S) MUST BE RECEIVED AND ACCEPTED BEFORE ELECTRICAL WORK WILL COMMENCE.

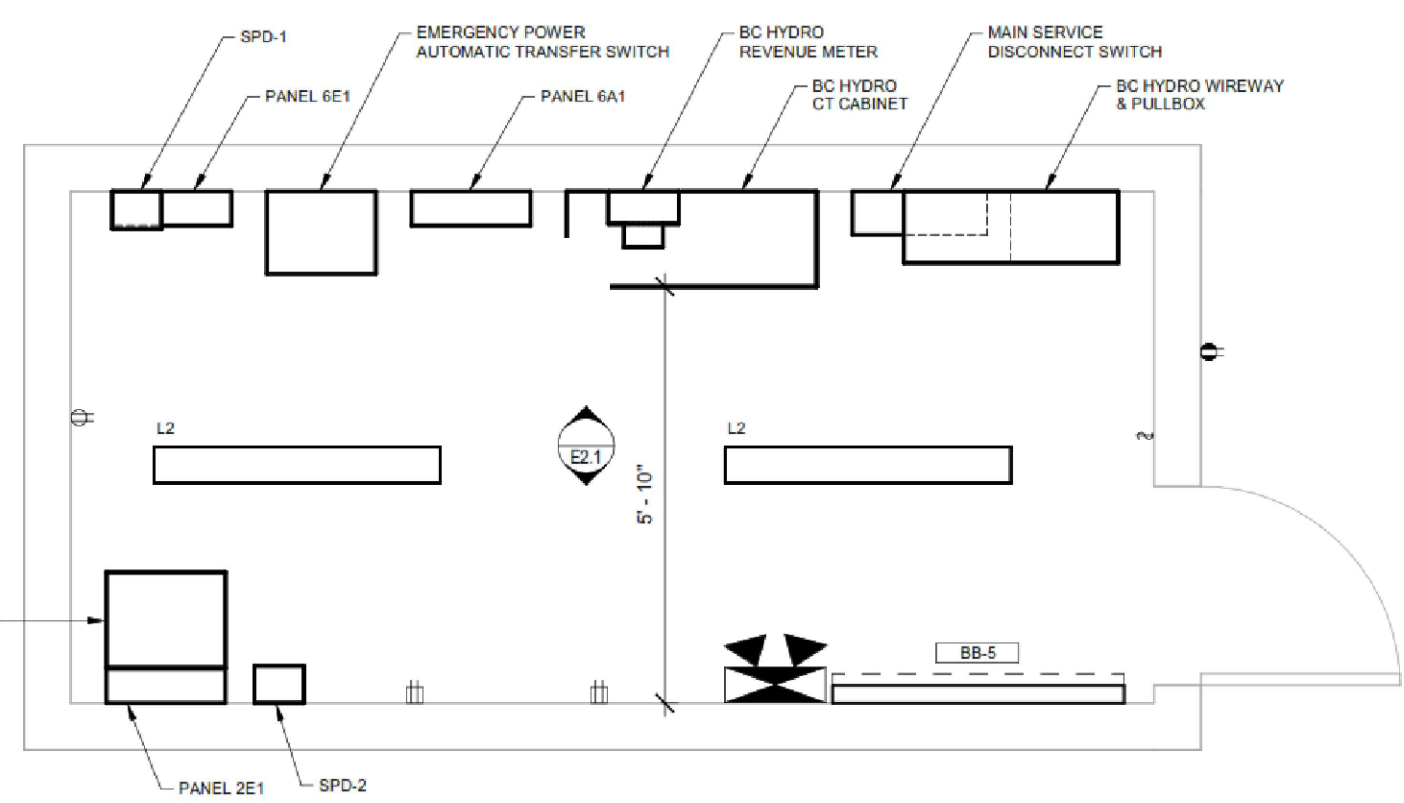
CUSTOM NOTES HERE IF REQUIRED

ENGINEERING NOTES
 UNLESS NOTED OTHERWISE, ENGINEERING CONTENT ON THIS DRAWING HAS BEEN PRODUCED FOLLOWING A DOCUMENTED BC HYDRO QUALITY MANAGEMENT PROCESS USING BC HYDRO ENGINEERING STANDARDS AUTHENTICATED BY PROFESSIONALS OF RECORD UNDER PERMIT TO PRACTICE NUMBER 1002449

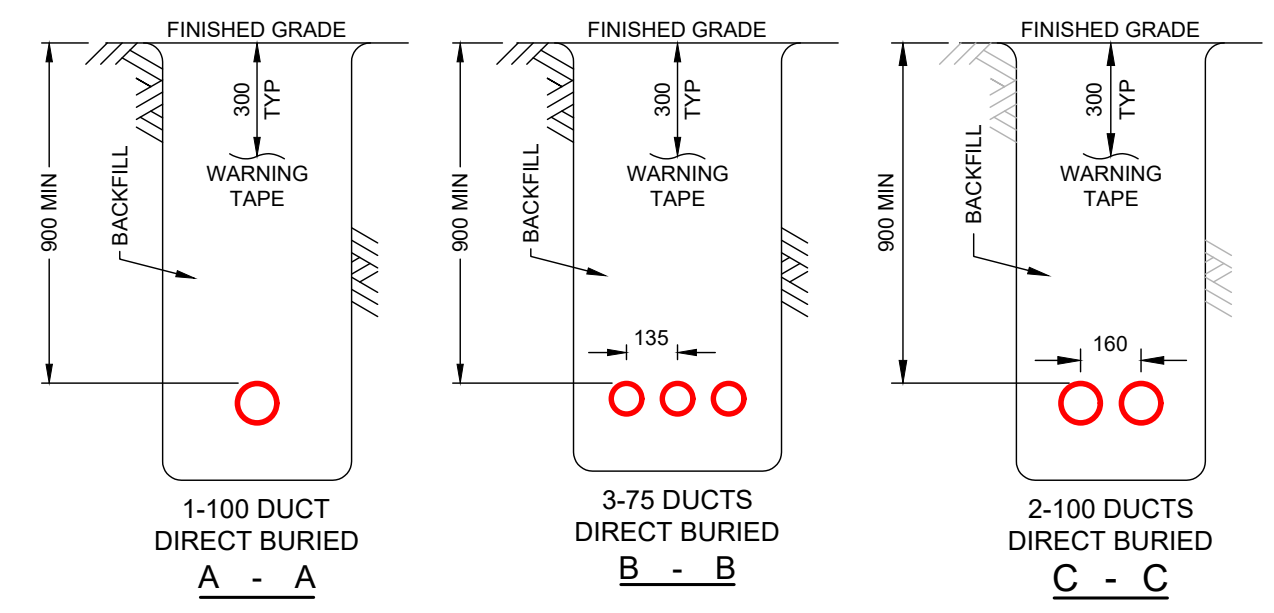
CIVIL PLAN LEGEND:

BC HYDRO RESPONSIBILITY	CUSTOMER RESPONSIBILITY
NEW DUCT	EXISTING DUCT
FIELD COMPLETED DUCT	
SERVICE BOX	TERMINAL POLE
LOW PROFILE TRANSFORMER (LPT-PYRAMID PAD)	LOW PROFILE TRANSFORMER (LPT)
PAD MOUNT TRANSFORMER (PMT)	3Ø & 1Ø JUNCTION & PULL BOXES (332, 632, 832 & 1232)
PRECAST MANHOLE	VISTA SWITCH SUBMERSIBLE (VSWB)
VISTA SWITCH ABOVE GROUND (VSWA)	VISTA SWITCH ABOVE GROUND (VSWA)

REFER TO ES53 AND ES54 UNDERGROUND STANDARDS



ELECTRICAL SERVICE BUILDING - PLAN VIEW
N.T.S.



TRENCH DETAILS
N.T.S.

NOT FOR CONSTRUCTION

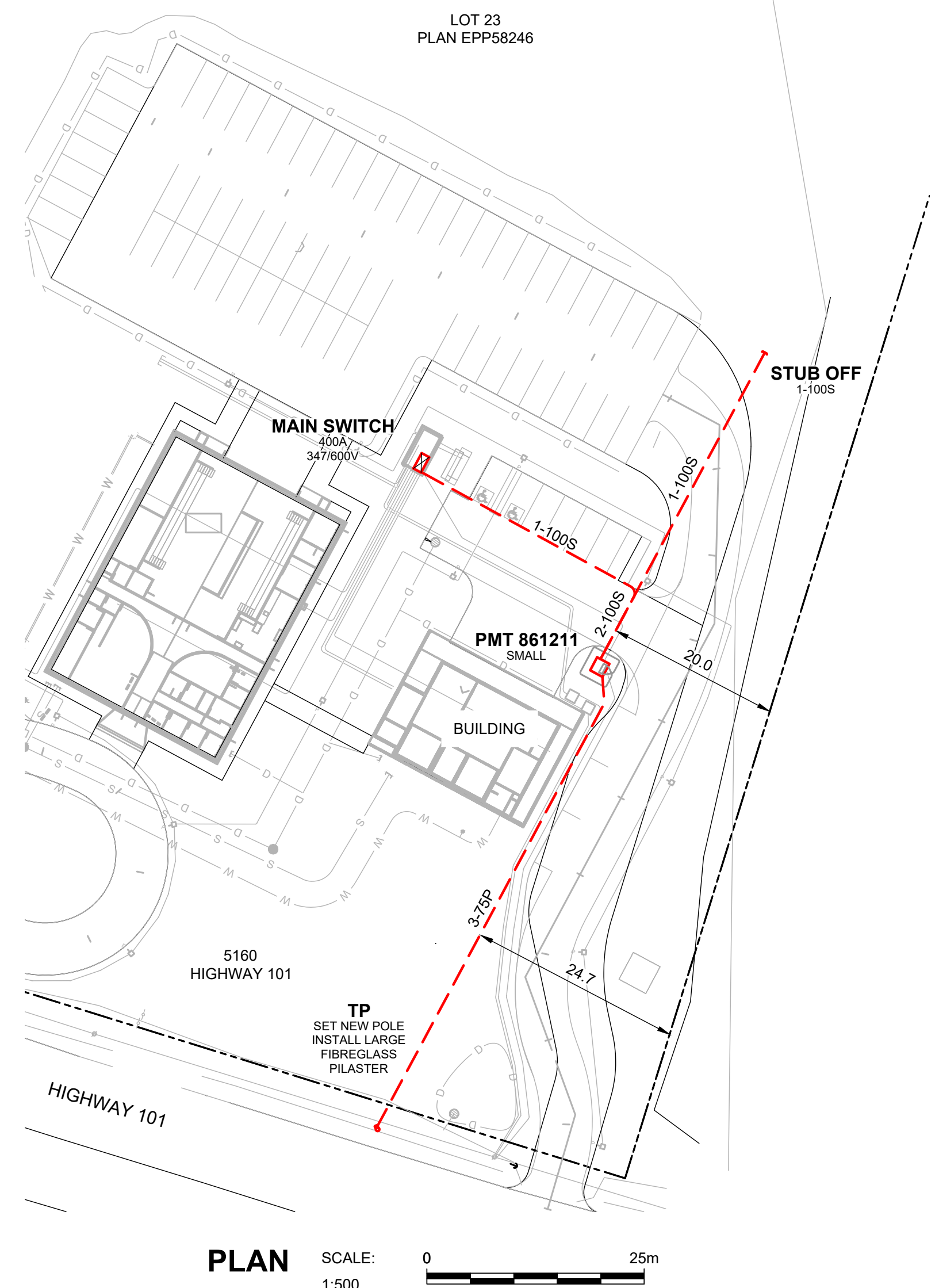
ISSUED FOR REVIEW

UNDERGROUND UTILITY CHECKS

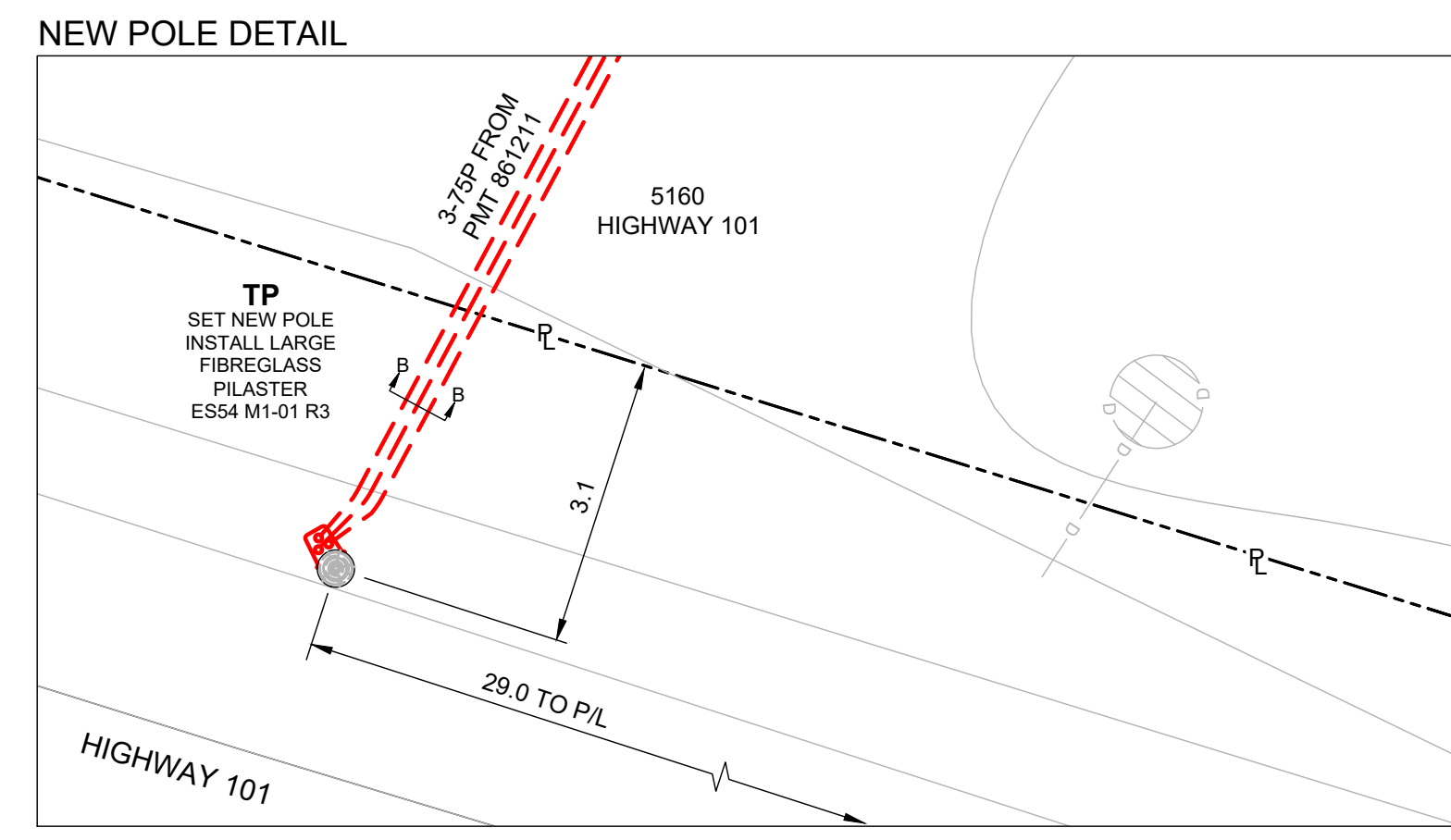
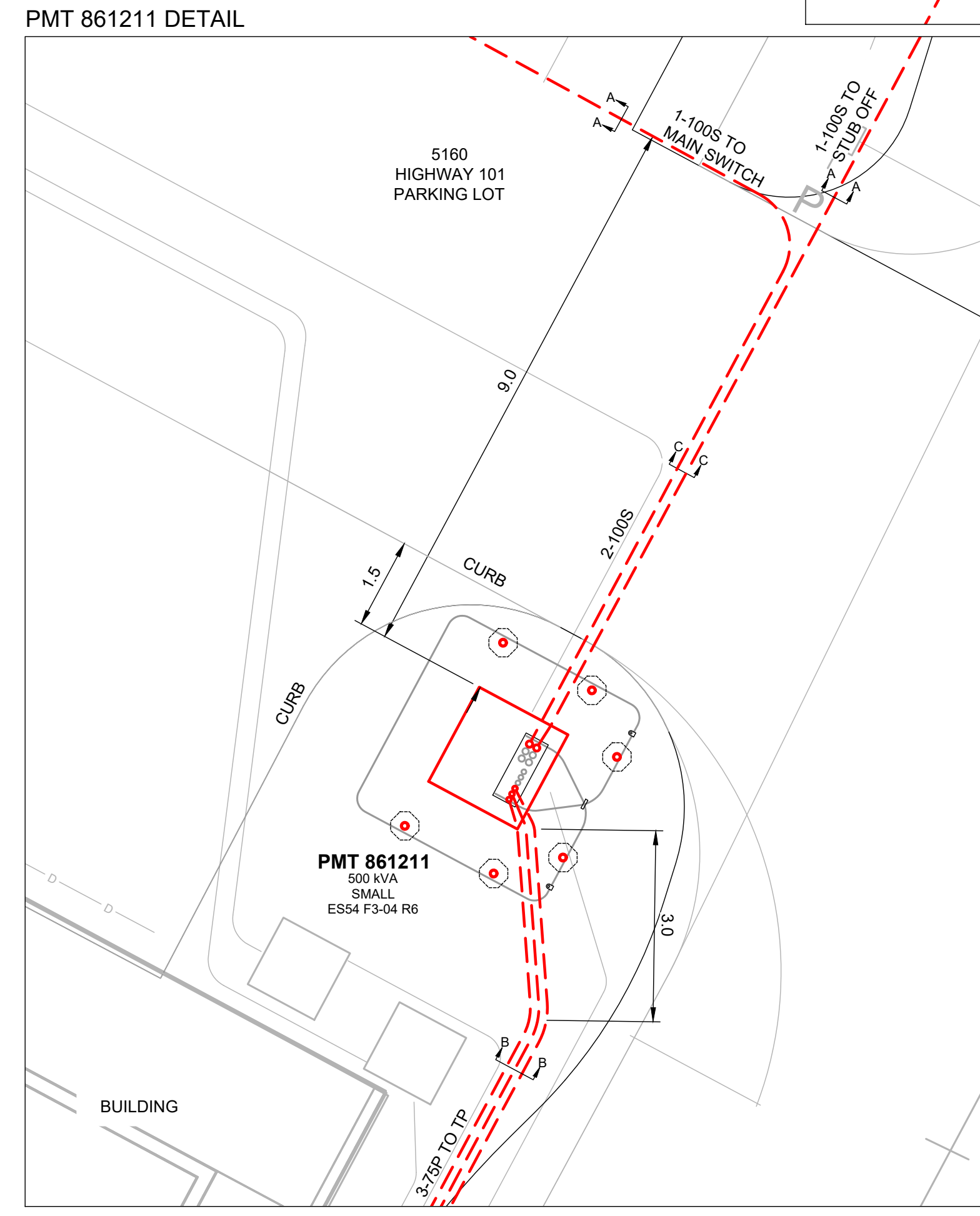
Utility Type	Within 1m of Plant Location (as per Design BC 1 Call) Y/N
Gas	
Water	
Sanitary Sewer	
Storm Sewer	
Telephone	
Cable	
Electrical	
Other	

Design BC 1 Call # 20234613960
 Construction BC 1 Call #
 Construction BC 1 Call Renewal Date

For Mechanical Excavation within 1 metre of plant, utilities must be exposed by hand digging, unless the utility / pipeline owner requested a different excavation method.
 Design BC 1 Call Ticket number valid for planning purposes only. Ticket refresh by a Construction BC 1 Call must be completed.



PLAN SCALE: 1:500



DETAILS
N.T.S.

DESIGN NUMBER	0004955789	DSGN	T.GEE
WORK ORDER NUMBER		INDEF CHK	
CSA S250 ACCURACY NAD83 - 10UTM		DFTG CHK	J.BARA
BASE ACCURACY LEVEL: 4 +/- 1000 mm		INSP	A.KIMBER
ASB ACCURACY LEVEL: 4 +/- 1000 mm		REV	
		ACPT	

DATE	2023DEC11	DIST	
DRAWING NUMBER	701-U07-01095	REPORT NUMBER	

BC Hydro			
LMN - NORTH SHORE - COASTAL POWELL RIVER DISTRICT OFFICE UNDERGROUND DUCT AND STRUCTURES FOR NEW 400A, 600V SERVICE FOR COMMERCIAL BUILDING 5160 HIGHWAY 101, POWELL RIVER SHEET 1 OF 1			
FIG NO	D	SIZE	0
REV			

G:\DDDS\MCLAREN\CHECKOUT\Bara John-Ross\WORK IN PROGRESS\701-U07-01095_1E1A_1.dwg
 Drawing Unit = Metres (0)
 BARA, JOHN ROSS
 12/11/2023 9:14 AM

NO	DRAWING NUMBER	DRAWING TITLE	NO	REMARKS
1	701-U06-01036	UNDERGROUND WIRING SCHEMATIC	0	DESIGN: 0004955789 - NEW DRAWING
		REFERENCE DRAWINGS		REVISIONS