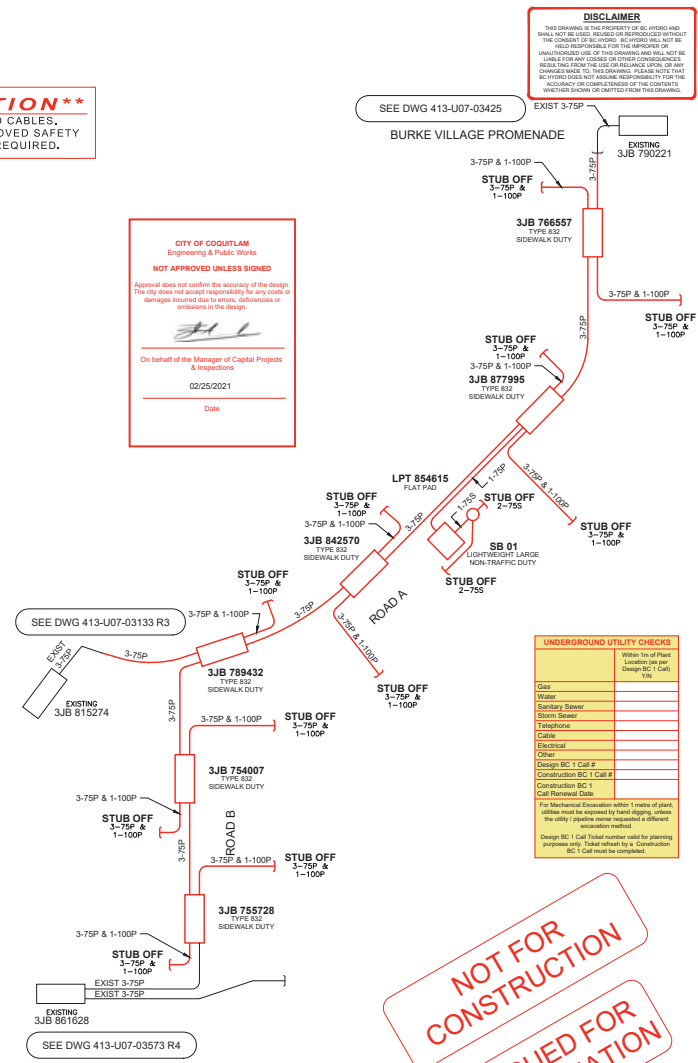
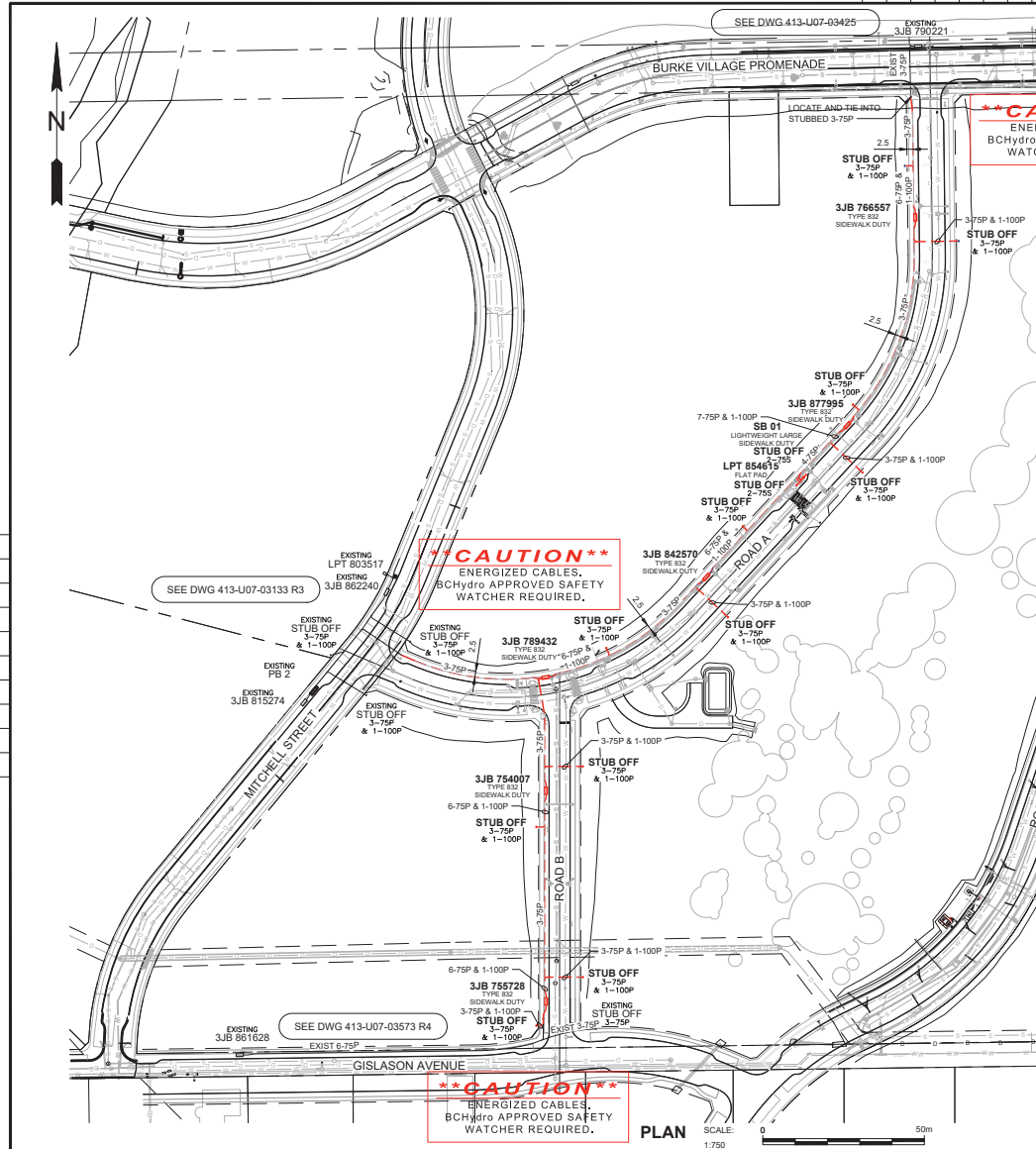


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17/02/2021 10:55 AM



DISCLAIMER

THIS DRAWING IS THE PROPERTY OF BC HYDRO AND SHALL NOT BE LOANED, REPRODUCED OR REPRODUCED WITHOUT THE CONSENT OF BC HYDRO. BC HYDRO WILL NOT BE RESPONSIBLE FOR ANY CONSEQUENCES ARISING FROM THE UNAUTHORIZED USE OF THIS DRAWING AND WILL NOT BE LIABLE FOR ANY CONSEQUENCES ARISING FROM THE UNAUTHORIZED USE OF THIS DRAWING. PLEASE NOTE THAT BC HYDRO DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE CONTENTS. THE USER SHALL BE RESPONSIBLE FOR THE CONTENTS. THE USER SHALL BE RESPONSIBLE FOR THE CONTENTS.

WORK LOCATION N.T.S.

BC ONE CALL

CALL BEFORE YOU DIG
1-800-474-8888
CALL AT LEAST 4 FULL WORKING DAYS BEFORE YOU PLAN TO DIG

CIVIL SPEC. 1321 NOTES:

1. BC HYDRO UNDERGROUND CIVIL INSPECTOR MUST BE NOTIFIED **48 HOURS** PRIOR TO CONSTRUCTION.
2. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH CLASS OF WORK SPECIFICATION 1321 AND BC HYDRO UNDERGROUND DISTRIBUTION ENGINEERING STANDARDS SERIES E553 AND E554.
3. ANY CHANGES NEED TO HAVE PRIOR APPROVAL OF BC HYDRO CIVIL INSPECTOR.
4. ALL CONDUIT INSTALLATION FOR BC HYDRO ON PUBLIC OR PRIVATE PROPERTY SHOULD HAVE MIN. 6.9m COVER AND ANY FACTORY BEND MUST HAVE A MIN. RADIUS OF 0.9m.
5. ALL UTILITIES (EXCEPT TELLS) MUST MAINTAIN A 0.9m HORIZONTAL AND 0.3m VERTICAL SEPARATION FROM BC HYDRO DUCT UNLESS DIRECTED OTHERWISE BY BC HYDRO CIVIL INSPECTOR.
6. 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.
7. ALL OFFSETS INDICATE CENTERLINE OF BC HYDRO PLANT.
8. METRES EXPRESSED IN DECIMALS, MILLIMETRES IN WHOLE NUMBERS.
9. 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.
10. FOR TRANSFORMER PAD COUNTERPOISE CLEARANCES TO OTHER UTILITIES AND UNDERGROUND CONDUCTIVE SURFACES, SEE E554.
11. MIN. OFFSET FOR BC HYDRO DUCTS, IN JOINT TRENCH, FROM PROPERTY LINE IS 1.0m, UNLESS OTHERWISE NOTED.
12. STUB SERVICE DUCT 1.0m FROM PROPERTY CORNER AND 1.0m INTO THE LOT UNLESS OTHERWISE NOTED.
13. IF THE RESPONSIBILITY OF THE RESOURCE THAT IS PERFORMING THE INSTALLATION OF THE PROPOSED DRAWINGS IS TO PROVIDE 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

CIVIL ONE-LINE DIAGRAM
N.T.S.

NOT FOR CONSTRUCTION
ISSUED FOR INFORMATION

UNDERGROUND UTILITY CHECKS

Utility	Location (see per Design BC 1 Call)	Y/N
Gas		
Water		
Sanitary Sewer		
Storm Sewer		
Telephone		
Cable		
Electrical		
Other		

Design BC 1 Call #
Construction BC 1 Call #
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 valid only if Construction BC 1 Call must be completed.

CIVIL PLAN LEGEND:

BC HYDRO RESPONSIBILITY	NEW DUCT	CUSTOMER RESPONSIBILITY
EXISTING DUCT	FIELD COMPLETED DUCT	
SERVICE BOX		
TERMINAL POLE		
LOW PROFILE TRANSFORMER (LPT-PIRANOID PAD)		
LOW PROFILE TRANSFORMER (LPT)		
PAD MOUNT TRANSFORMER (PMT)		
30 & 10 JUNCTION & PULL BOXES (332, 632, 832 & 1030)		
PRECAST MANHOLE		
VISTA SWITCH SUBMERSIBLE (VSWB)		
VISTA SWITCH ABOVE GROUND (VSWA)		

REFER TO E553 AND E554 UNDERGROUND STANDARDS

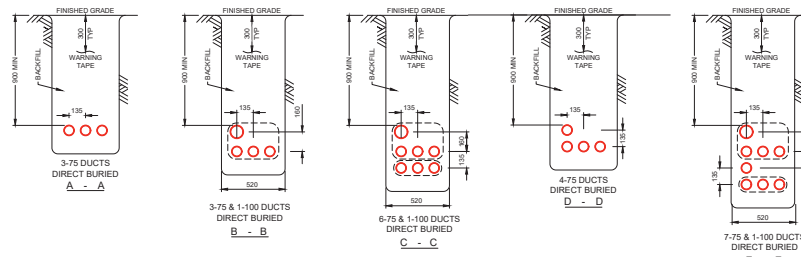
BC Hydro

LMN-COQUITLAM - MAPLE RIDGE
COQUITLAM DISTRICT OFFICE
UNDERGROUND DUCT AND STRUCTURES FOR
LOWER BURKE VILLAGE ROADS
3561 GISLASON AVENUE, COQUITLAM
SHEET 1 OF 3

DESIGN NUMBER	0004340665	DESIGN	N. KIRUPAKARAN
WORK ORDER NUMBER		NOTED	CHN
CSA S250 ACCURACY	NAD 83 - 10UTM	DFTG	L.TSENG (AUS)
BASE ACCURACY LEVEL	4 +/- 1000 mm	DFTG	CHN
ASB ACCURACY LEVEL	4 +/- 1000 mm	REV	
		ACPT	

NO.	DRAWING NUMBER	DRAWING TITLE	NO.	DESIGN	0004340665 - NEW DRAWING	REMARKS
		REFERENCE DRAWINGS				REVISIONS

DATE	2021FEB09	DIST		DRAWING NUMBER	413-U07-03650	REPORT NUMBER		FIGURE NUMBER		DATE	REV
											0



NOT FOR
CONSTRUCTION

ISSUED FOR
INFORMATION

CITY OF COQUITLAM
Engineering & Public Works

NOT APPROVED UNLESS SIGNED

*Approval does not confirm the accuracy of the design.
The city does not accept responsibility for any costs or
damages incurred due to errors, deficiencies or
omissions in the design.*



On behalf of the Manager of Capital Projects
& Inspections

02/25/2021

Date

LAT:-49.28904 LONG:-122.73560

WORK SITE

Metchikof by Mission

Port Everglades Park

WORK LOCATION N.T.S.

BC CANAL CALL
CALL BEFORE YOU DIG
1-800-474-6888
CALL AT LEAST 3 FULL
BUSINESS DAYS BEFORE
YOU PLAN TO DIG

CIVIL SPEC. 1323 NOTES

1. BC HYDRO UNDERGROUND CIVIL INSPECTOR MUST NOTIFIED BY 24 HOURS PRIOR TO CONSTRUCTION.

2. ALL UTILITIES SHALL BE IDENTIFIED AND MARKED WITH CLASS W OF WORK SPECIFICATION 1323 AND BC HYDRO CIVIL INSPECTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN ACCORDANCE WITH THE STANDARDS SERIES E553 AND E554.

3. ALL UTILITIES SHALL BE PROTECTED TO THE APPROVAL OF BC HYDRO CIVIL INSPECTOR.

4. ALL UTILITIES SHALL BE PROTECTED BY BC HYDRO ON PUBLIC OR PRIVATE PROPERTY SHOULD HAVE MIN. 0.3m COVER OVER THE UTILITY. FACTORY BENT SHALL MAINTAIN A MIN. 0.3m COVER.

5. ALL UTILITIES SHALL BE PROTECTED TO MAINTAIN A MIN. 0.3m HORIZONTAL AND A MIN. 3m VERTICAL SEPARATION FROM BC HYDRO UTILITY UNLESS OTHERWISE NOTED OTHERWISE BY BC HYDRO CIVIL INSPECTOR.

6. OTHER UTILITIES SHOWN ON THE CIVIL DRAWING ARE FOR INFORMATION ONLY. THE EXACT PROTECT LOCATION OF ALL UTILITIES IS THE WORK AREA BEFORE CONSTRUCTION. THE EXISTING UTILITIES SHALL BE IDENTIFIED AND MARKED BY ALL OFFSETS INDICATE CENTERLINE OF THE HYDRO UTILITY.

7. ALL DIMENSIONS EXPRESSED IN DECIMALS, MILLIMETRES IN METRES.

8. TRANSFORMER MUST BE A MIN. OF 1.0m BEHIND THE UTILITY.

9. THE LOCATION OF THE UTILITY, THE PROTECT LOCATION AND LOCATION OF PROTECTION POSTS TO BE IDENTIFIED AND FIELD BY BC HYDRO CIVIL INSPECTOR.

10. THE FORMER P40 CONDUIT CLEARSANCES TO OTHER UTILITIES AND UNDERGROUND CONDUCTIVE SURFACES SHALL BE MAINTAINED.

11. MIN. OFFSET FOR BC HYDRO DUCTS, IN JOINT TRENCH SHALL BE 1.0m.

12. ALL DIMENSIONS SHALL BE 1.0m UNLESS OTHERWISE NOTED.

13. THE PROTECT DISTANCE DUCT 1.0m FROM PROPERTY CORNER AND 1.0m INTO THE LOT UNLESS OTHERWISE NOTED.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERSONNEL PERFORMING THE INSTALLATION OF THE PROPOSED UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DRAWINGS OF THE CONSTRUCTION, THE RECORD DRAWINGS AND THE RECORD SHALL BE MAINTAINED AFTER ELECTRICAL WORK WILL COMMENCE.

CIVIL PLAN LEGEND:	
BC HYDRO RESPONSIBILITY	CUSTOMER RESPONSIBILITY
NEW DUCT	
EXISTING DUCT	
FIELD COMPLETED DUCT	
SERVICE BOX	
TERMINAL POLE	
LOW PROFILE TRANSFORMER (LPT)	
LOW PROFILE TRANSFORMER (LPT)	
PAD MOUNT TRANSFORMER (PMT)	
30 & 10 JUNCTION & PULL BOXES (332, 632, 832 & 1322)	
PRECAST MANHOLE	
VISTA SWITCH SUBMERSIBLE (VSWB)	
VISTA SWITCH ABOVE GROUND (VSWA)	
REFER TO ES53 AND ES54 (UNDERGROUND MANHOLE)	



LMN - COQUITLAM - MAPLE RIDGE
COQUITLAM DISTRICT OFFICE
UNDERGROUND DUCT AND STRUCTURES FOR
LOWER BURKE VILLAGE ROADS
3561 GISLASON AVENUE, COQUITLAM
SHEET 3 OF 3

AWING NUMBER	REPORT NUMBER	FIGURE NUMBER	SIZE	REV
413-U07-03650			D	0

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