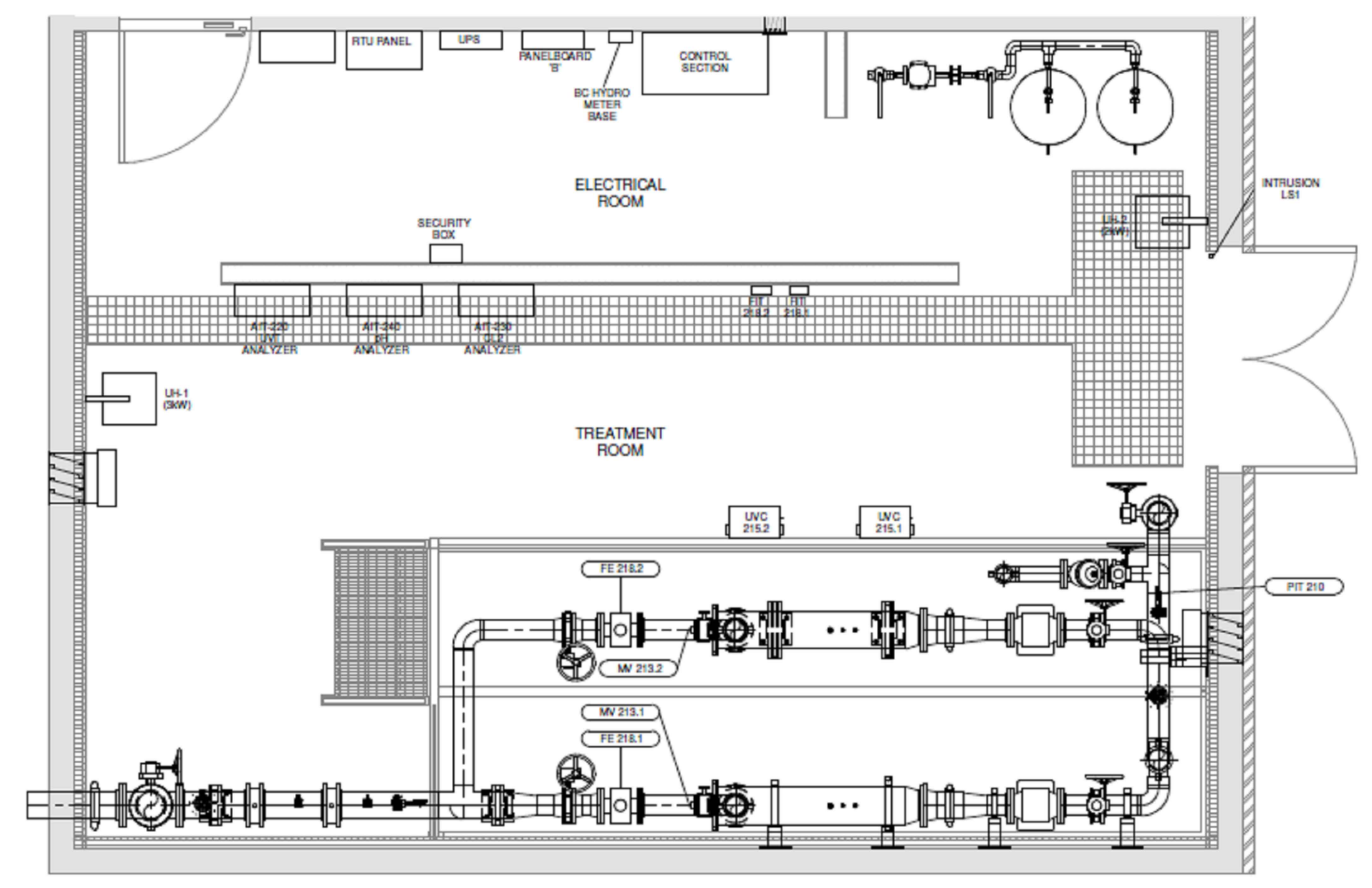
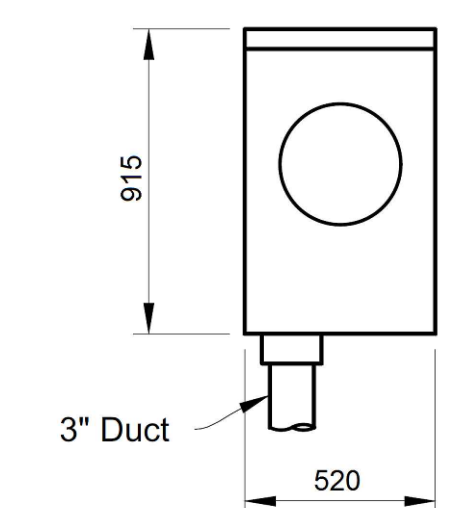


PLAN
1:500



ELECTRICAL & TREATMENT ROOMS - POWER AND CONTROL LAYOUT



400A WITH CT SINGLE UNIT
N.T.S.

**** CAUTION ****
ENERGIZED CABLES.
BCHydro APPROVED SAFETY
WATCHER REQUIRED.

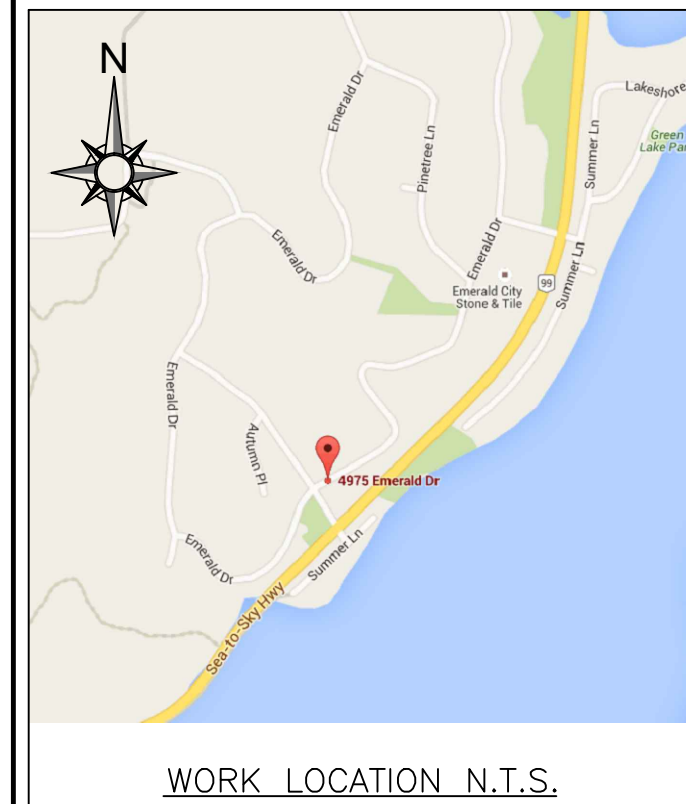
DISCLAIMER
THIS DRAWING IS THE PROPERTY OF BC HYDRO AND SHALL NOT BE USED, REUSED OR REPRODUCED WITHOUT THE CONSENT OF BC HYDRO. BC HYDRO WILL NOT BE HELD RESPONSIBLE FOR THE IMPROPER OR UNAUTHORIZED USE OF THIS DRAWING AND WILL NOT BE LIABLE FOR ANY LOSSES OR OTHER CONSEQUENCES RESULTING FROM THE USE 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.

UNDERGROUND UTILITY CHECKS				
Within 2m of Plant Location (Y/N)	Location shown on Plan (Y/N)	Location shown on (Y/N)	Hand Dig (Y/N)	
Gas	N	N	N	
Water	Y	Y	N	
San Sewer	Y	Y	N	
Sim Sewer	Y	Y	N	
Telephone	Y	Y	N	
Cable	N	N	N	
Electrical	Y	Y	N	
Other				

BC 1 Call Ticket No: 2017293392
Expiry Date: EXPIRED
Design Contact: J. HUMPHREY

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.
Planning BC 1 Call Ticket number valid for planning purposes only. Ticket number refresh via Construction BC 1 Call must be completed a minimum of three working days before construction begins.

ISSUED FOR CONSTRUCTION



WORK LOCATION N.T.S.
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.
 - 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.

- CUSTOM NOTES HERE IF REQUIRED**
- CONTRACTOR TO INSTALL A NEW HV DIP PILASTER AT THE EXISTING BC HYDRO POWER POLE. BC HYDRO IS PROVIDING THE PILASTER, CONTRACTOR INSTALLS TO BC HYDRO STANDARDS.

CIVIL PLAN LEGEND:

- PROPOSED 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)

REFER TO ES53 AND ES54 UNDERGROUND STANDARDS

CSA S250 ACCURACY NAD 83 - 10 UTM
BASE ACCURACY LEVEL: 4 +/- 1000 mm
ASB ACCURACY LEVEL: 4 +/- 1000 mm

REF#	DRAWING NUMBER	NO	REMARKS	DATE	DESIGNED	INDEP CHK	DFTG	DFTG CHK	INSP	REV	ACPT	DSGN	JHUMPHRE	INDEP CHK	-----	BCH MAP	-----	DESIGN#	0004052669	WO#	0	DFTG CHK	-----	DESIGN#	000	INSP	-----	REV	-----	ACPT	-----		
5	----																																
4	----																																
3	----																																
2	409-U06-02038																																
1	409-U07-02091	1	ISSUED FOR CONSTRUCTION	2017-10-31	JHUMPHRE		LP																										

BCHydro T&D ENGINEERING & DESIGN

LMN - NORTH SHORE - COASTAL
SQUAMISH DISTRICT OFFICE
UNDERGROUND DUCT & STRUCTURES FOR
WATER TREATMENT PLANT
9525 EMERALD DRIVE
WHISTLER

DATE: 2017-09-29 GRID NO: ---- DWG NO: 409-U07-02158 SHEET 1 OF 2 SIZE D R 1

NOT TO BE REPRODUCED WITHOUT THE PERMISSION OF BC HYDRO

VER 2.01 MARCH 17, 2017