

CITY OF COQUITLAM
Engineering & Public Works

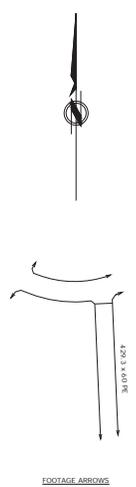
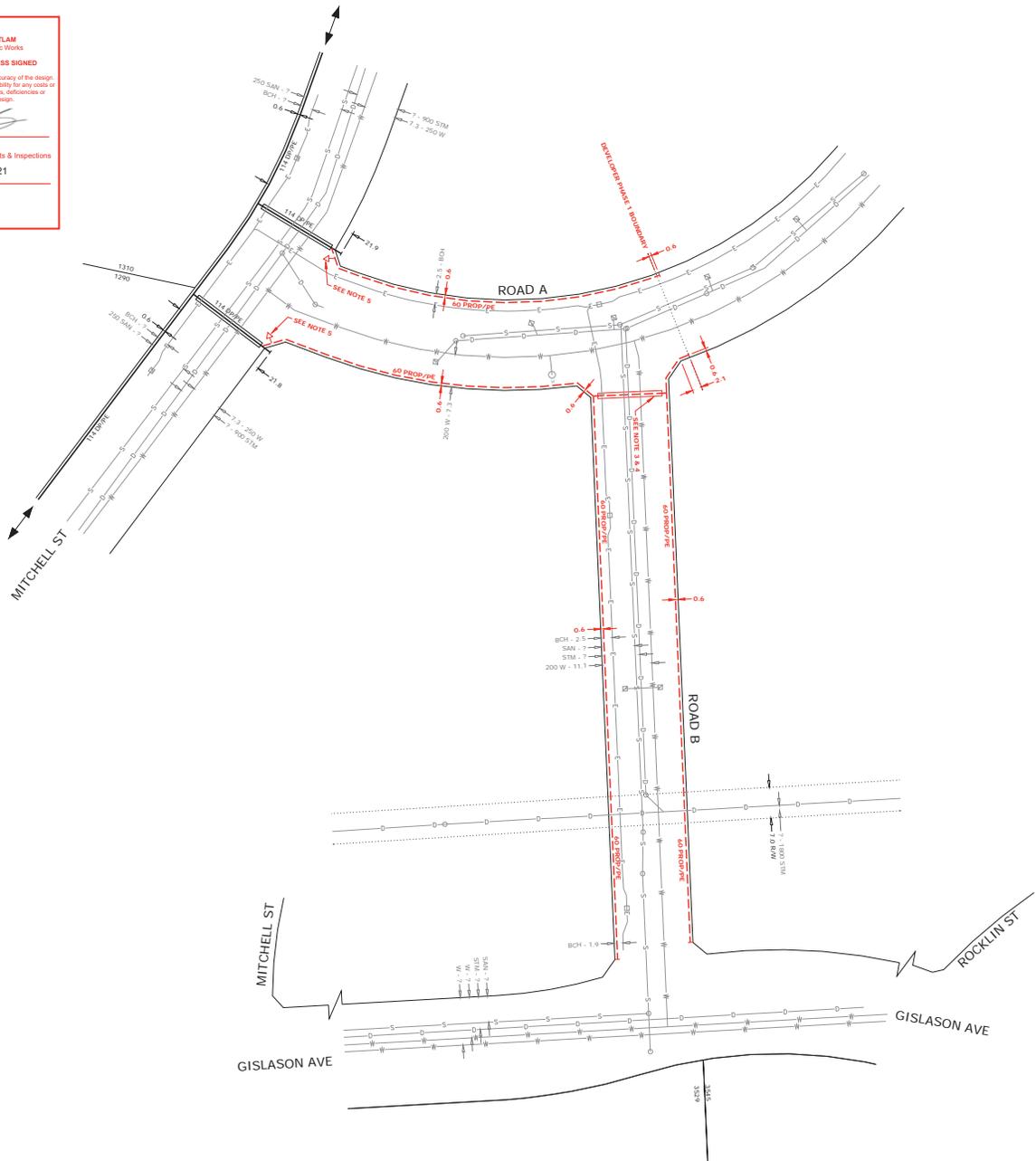
NOT APPROVED UNLESS SIGNED

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.



Chad Braley
Manager of Capital Projects & Inspections
11/08/2021

Date



- NOTES:**
1. WORK PROCEDURE REQUIRED.
 2. THE STANDARD DEPTH OF COVER FOR GAS MAIN IN ROAD ALLOWANCES IS 0.6m MINIMUM.
 3. DEVELOPER TO SUPPLY AND INSTALL 114mm (4") PRE-DUCTING FOR FORTISBC MAIN UNDER ALL ELECTRICAL KIOSKS AND UNDER ALL SIDEWALKS AND DRIVEWAYS.
 4. PRE-DUCTS MUST BE STRAIGHT LENGTHS OF SOLID PVC OR PE PIPE APPROVED FOR DIRECT BURIAL. PRE-DUCTS MUST BE TEMPORARILY CAPPED AND STAKED ABOVE GROUND. SHEAR SLEEVES WILL BE INSTALLED BY FORTISBC. PRE-DUCTING MUST BE IDENTIFIED FOR GAS USE BY ONE OF THE FOLLOWING METHODS:
 - 4.1. USING PIPE THAT IS YELLOW IN COLOUR.
 - 4.2. MARKING THE PIPE WITH YELLOW PAINT OR TAPE EVERY 1.0m FOR THE ENTIRE LENGTH OF THE PIPE.
 - 4.3. LABELLING THE PIPE WITH 'GAS DUCT' OR 'GAS SLEEVE' EVERY 1.0m FOR THE ENTIRE LENGTH OF THE PIPE.
 - 4.4. INSTALL TRACER WIRE TEST POINT AS PER DOCUMENT 1155.

TO THE APPROVING OFFICE OF: **AUTHORIZATION NUMBER OR SIGNATURE AND DATE.**

CITY OF COQUITLAM

PLATE MAP: 925.027.094.1, 925.027.084.3

THE IN METHOD

DEPTH OF MAIN (m) _____

TAP SIZE (mm) _____

PRESSURE TEST PRESSURE (kPa) DURATION

AIR _____

NITROGEN _____

HYDROSTATIC _____

SOAP TEST _____

INSPECTIONS

RADIOGRAPHY (X-RAY) _____

NDI OF WELDS _____

DRESSER _____

INSERT THRU OLD PIPE _____

STUB MARKER BALL _____

TRACER WIRE CONTINUITY _____

MAG ANODE INSTALLED _____

BORING TOOL USED _____

PROTECTION BOARD _____

OTHER _____

CONSTRUCTION REPORT

I HEREBY CERTIFY THAT THE PIPING WAS INSTALLED IN ACCORDANCE WITH THIS DRAWING (UNLESS OTHERWISE MARKED IN RED PEN) AND IN ACCORDANCE WITH CURRENT STANDARD PRACTICES AND WAS TESTED OF _____ kPa for _____ HOURS AND THAT NO LEAKAGE WAS DETECTED.

DATE _____ FOREMAN _____

AREA MANAGER _____

RECORD DRAWING REPORT

REFER TO RECORD DRAWING NOTE AND SEAL OR

DATE _____ APPROVER'S SIGNATURE _____

APPROVER'S NAME _____ (PLEASE PRINT)

NON FORTISBC GAS INFRASTRUCTURE ASSUMED ACCURACY LEVEL 4 CSA S550 +/-1000mm

MEASUREMENTS ARE SHOWN IN METRES. NOMINAL PIPE DIAMETER IS SHOWN IN mm.

SCALE 1:500

0 10 20 30

PROJECT LOCATION

Mitchell St. and Gislason Ave., COQUITLAM

DISTRIBUTION PIPING DESIGN

16705 Fraser Highway | Surrey, BC V4N 0E8 | 1-888-224-2710

DESIGN CONTACT PH #	604-468-1604
CONSTRUCTION SO #
DESIGN SJ #	1070414001
ECONOMIC TEST #	5550026810
PARENT SHO #

LEGEND

PROF. DP GAS MAIN	MARKER BALL	WELLSAMON TEE	NON-ISOLATED DRESSER	MAINTAINED SERVICE VALVE	RECTIFIER	CUSTOMER STATION
EXIST. DP GAS MAIN	CAP	HALF SADDLE FITTING (95%)	NON-ISOLATED DRESSER	DISASSEMBLED VALVE	WAGONSAMON ANODE	REGULATOR STATION
PROF. IP GAS PIPELINE	PLUG	WELLSAMON BALL VALVE FITTING (95%)	ISOLATED DRESSER	MAINTAINED BALL VALVE	ANODE	GAS STATION
EXIST. IP GAS PIPELINE	REDECKER	WELLSAMON SHORT STOP FITTING (95%)	ISOLATED DRESSER	ISOLATED SERVICE VALVE	DEEP ANODE	LOW CTRL. STATION
EXIST. TP GAS PIPELINE	FUNCTION FITTING	WELLSAMON TAPPING	ELECTRIC STOP	MAINTAINED VALVE	TELEMETRY	VALVE STATION
DP SERVICE HEADER	TEST POINT	WELLSAMON TAPPING (DFG)	ANODED REGULATOR	ISOLATED VALVE	PRE-LOUT SLEEVE	PROTECTION BOARD
DEAD GAS PIPING	WELLSAMON TAPPING (DFG)	WELLSAMON TAPPING (DFG)	MAINTAINED DRESSER	MAINTAINED VALVE	WELLSAMON BALL VALVE	IP STATION
PROF. BONDING CABLE	WELLSAMON TAPPING (DFG)	WELLSAMON TAPPING (DFG)	MAINTAINED DRESSER	MAINTAINED VALVE	WELLSAMON BALL VALVE	IP STATION
EXIST. BONDING CABLE	WELLSAMON TAPPING (DFG)	WELLSAMON TAPPING (DFG)	MAINTAINED DRESSER	MAINTAINED VALVE	WELLSAMON BALL VALVE	IP STATION

FORTISBC DOES NOT WARRANT OR GUARANTEE, NOR ACCEPT ANY RESPONSIBILITY FOR THE LOCATION, ACCURACY OR COMPLETENESS OF THE DESIGNED INFORMATION SUPPLIED BY OTHERS CONTAINED IN THESE DRAWINGS, BUT DOES CERTIFY THAT THE DESIGNED INFORMATION, IF ACCURATE AND COMPLETE, PROVIDES A DESIGNED SYSTEM WHICH SUBSTANTIALLY COMPLIES IN ALL MATERIAL RESPECTS WITH THE CURRENT FORTISBC SPECIFICATIONS INTENT ON THE DATE OF ISSUE. PERSONS UTILIZING THE DRAWING AGREE AND ACCEPT THAT THEIR USE OF ANY INFORMATION CONTAINED THEREIN IS ENTIRELY AT THEIR OWN RISK. FORTISBC WILL NOT ACCEPT RESPONSIBILITY FOR ERROR OR OMISSIONS. YOU ARE REQUIRED TO CALL BC ONE CALL AT 1-800-474-4886 OR VISIT THEIR WEB PAGE WWW.BC1.CA TO CREATE A NEW TICKET PRIOR TO COMMENCING ANY WORK.

BC 1 CALL

CALL BEFORE YOU DIG
1-800-474-4886 OR BY CELLULAR *6886
VANCOUVER AREA 257-1940
www.bc1.ca

OTHER UTILITIES AND INFRASTRUCTURE NOT OWNED BY FORTISBC ARE SHOWN FOR REFERENCE ONLY. CONTACT BC 1 CALL PRIOR TO CONSTRUCTION. PROVE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

BC 1 CALL DESIGN	TICKET NO.	DESIGN TICKET	TICKET DATE
JL	WC	R. PERERA	2021/08/03
DATE	DATE	DATE	DATE
.....

ASSET TYPE	IP GAS MAIN
<input type="checkbox"/> VERTICAL SUBDIVISION	<input type="checkbox"/> SERVICE HEADER
<input type="checkbox"/> IP GAS PIPELINE	<input type="checkbox"/> VERTICAL SUBDIVISION

SIZE	A1	DRAWING / SAPY PROJECT NUMBER	4110383279	SH.	1	REV.	1
DATE	DATE	DATE	DATE