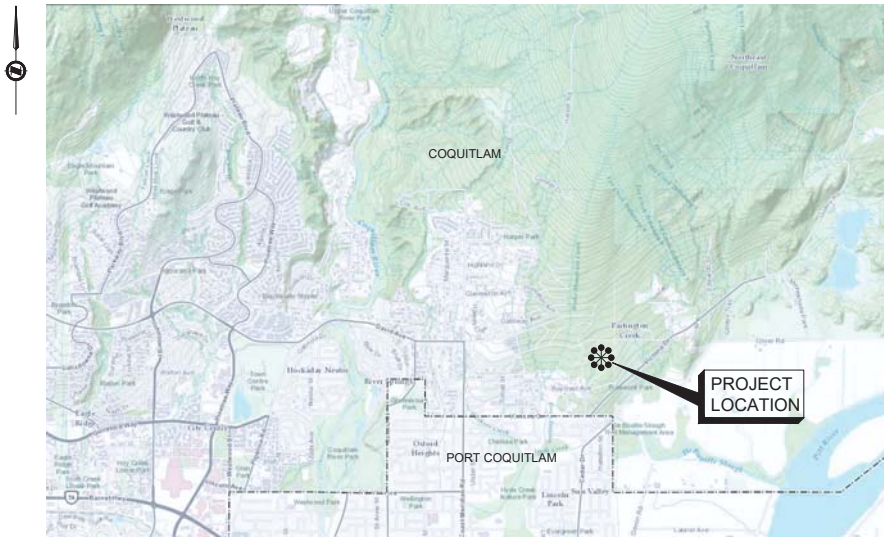
Coquitlam

	DRAWING SCHEDULE		
CATEGORY	DWG. NO	DESCRIPTION	REV. NO
GENERAL		COVER	
	01	GENERAL NOTES	0
	02	TYPICAL SECTIONS	0
ROAD + WATER	03	ROAD A - STA 1+000 TO 1+105	0
	04	ROAD B - STA 2+000 TO 2+100	0
	05	ROAD B - STA 2+100 TO 2+180	0
SIGNAGE AND MARKING	06	ROAD A & ROAD B	0
STORM SEWER	07	ROAD A - STA 1+000 TO 1+105	0
	08	ROAD B	0
SANITARY SEWER	09	ROAD A - STA 1+000 TO STA 1+105	0
LANDSCAPE	10	ROAD A - STA 1+000 TO 1+105	0
	11	ROAD B	0
SECTIONS	12	ROAD A - STA 1+030 TO 1+100	0
	13	ROAD B - STA 2+040 TO 2+150	0
STREETLIGHTS AND ELECTRICAL	REFER TO DMD DRAWINGS		

LOWER BURKE VILLAGE ROADS - PHASE 1
ISSUED FOR CONSTRUCTION



LOCATION PLAN
NTS

LOCATION PLAN
SCALE 1:5000

ISL Engineering and Land Services
#503, 4190 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2699 F: (604)629-2698

GENERAL NOTES:

1. ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN LOCAL PROJECT GROUND COORDINATES. REFER TO SURVEY CONTROL TABLE ON THIS SHEET.
2. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE PLATINUM EDITION (2009) OF THE MASTER MUNICIPAL CONSTRUCTION DOCUMENTS (MMCD) AND MMCD SUPPLEMENTARY UPDATES TO DATE AND CITY OF COQUITLAM SUPPLEMENTARY SPECIFICATIONS AND DETAIL DRAWINGS UNLESS OTHERWISE NOTED.
3. RESIDENTS DIRECTLY AFFECTED BY CONSTRUCTION SHALL BE GIVEN AT LEAST 5 DAYS NOTICE PRIOR TO THE START OF CONSTRUCTION. IF CONSTRUCTION ENTERS ONTO PRIVATE PROPERTY, THE CONTRACTOR WILL REQUIRE WRITTEN AUTHORIZATION FROM THE PROPERTY OWNER PRIOR TO UNDERTAKING ANY WORK.
4. THE LOCATION OF EXISTING UTILITIES IS COMPILED FROM OWNER AND UTILITY SUPPLIED RECORD DRAWINGS AND ARE CONSIDERED APPROXIMATE ONLY. THE EXACT LOCATION AND EXTENT OF UTILITIES SHOULD BE DETERMINED BY CONSULTING THE LOCAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND INVERT ELEVATION BY HAND OR HYDROVAC EXCAVATION BEFORE CONSTRUCTION OF UTILITY CROSSINGS AND SHALL BE RESPONSIBLE FOR RESTORATION OF ANY DAMAGE TO EXISTING UTILITIES. ANY COSTS ASSOCIATED WITH UTILITY CONFLICTS THAT WERE NOT PRELOCATED WILL BE THE CONTRACTORS RESPONSIBILITY.
5. THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OR UTILITY RELOCATION/CONFLICTS.
6. REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR A MIN 72 HOURS PRIOR TO CONSTRUCTION.
7. ALL SURVEY MONUMENTS WITHIN THE PROJECT BOUNDARIES SHALL BE PROTECTED DURING THE COURSE OF THE WORK. SHOULD ANY SURVEY MONUMENT REQUIRE RAISING OR RELOCATION, THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEERING AND OPERATIONS DEPARTMENT AT LEAST 72 HOURS IN ADVANCE OF SCHEDULING WORK. ALL DISTURBED MONUMENTS WILL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
8. SURVEY PINS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED BY A B.C. LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
9. ALL PUBLIC ROADWAYS AFFECTED BY THE WORKS SHALL BE KEPT IN A CLEAN STATE AT ALL TIMES. DUST CONTROL MEASURES SHALL ALSO BE EMPLOYED DURING THE COURSE OF THE WORK.
10. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THERE IS NO DISRUPTION TO SERVICE, AND IF DISRUPTION IS ANTICIPATED, TO NOTIFY THE CONTRACT ADMINISTRATOR A MINIMUM OF 72 HOURS PRIOR, AND OBTAIN APPROVAL FOR THE DISRUPTION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL EXCAVATED MATERIAL UNSUITABLE FOR REUSE AT A SUITABLE OFF-SITE DISPOSAL AREA, IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
12. THE CONTRACTOR SHALL PROVIDE TEMPORARY UTILITY POLE SUPPORTS NECESSARY TO COMPLETE THE WORKS AS AN INCIDENTAL ITEM TO GENERAL CONTRACT REQUIREMENTS WHERE AND AS REQUIRED.
13. CONTRACTOR TO MAINTAIN AN UP TO DATE SET OF AS-CONSTRUCTED DRAWINGS AT ALL TIMES. AS-CONSTRUCTED DRAWINGS TO BE DELIVERED TO THE CONTRACT ADMINISTRATOR AT SUBSTANTIAL PERFORMANCE FOR PREPARATION OF FINAL RECORD DRAWINGS. THE CONTRACT ADMINISTRATOR SHALL BE PROVIDED ACCESS TO REVIEW THE AS-CONSTRUCTED DRAWINGS AT ALL TIMES TO CONFIRM THEY ARE UP TO DATE.
14. THE CONTRACTOR SHALL MAINTAIN AND MONITOR THE PROVISIONS FOR EROSION CONTROL AND SEDIMENT AS PER THE CITY BYLAW 4403, 2013 AND AS PER THE CONTRACT DOCUMENTS.

CONCRETE NOTES:

1. ALL WHEELCHAIR LETDOWNS ARE TO BE BROOM FINISH.

TRAFFIC MANAGEMENT, NOTIFICATION AND APPROVALS NOTES:

1. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SIGNAGE, BARRIERS, FLASHING INDICATORS, ETC. AT ALL TIMES TO ENSURE THE SAFETY OF THE PUBLIC. THE CONTRACTOR SHALL COMPLY WITH ALL TRAFFIC REQUIREMENTS AS SPECIFIED WITHIN THE CONTRACT DOCUMENTS. NO ROAD SHALL BE CLOSED WITHOUT THE WRITTEN CONSENT OF THE DIRECTOR OF ENGINEERING AND OPERATIONS.
2. THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO COMMENCING THE WORK.
3. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE PERSONNEL AT LEAST 72 HOURS PRIOR TO THE WORK. SCHEDULING AND OTHER CONSTRUCTION CONSTRAINTS IMPOSED BY THESE WORKS SHALL BE TAKEN INTO ACCOUNT.
4. A TRAFFIC AND PEDESTRIAN SAFETY CONTROL PLAN SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO THE PRE-CONSTRUCTION MEETING.
5. APPROVALS FOR REQUIRED TREE CUTTING OR TRIMMING NOT INDICATED IN CONTRACT DRAWINGS SHALL BE OBTAINED BY THE CONTRACTOR FROM THE CITY PRIOR TO WORK BEING PERFORMED.
6. CONTRACTOR TO OBTAIN APPROVED LANE CLOSURE REQUEST FORM FOR ALL WORKS. APPROVED REQUESTS ARE CIRCULATED TO ALL EMERGENCY SERVICES.
7. CONTRACTOR TO SUBMIT A TRAFFIC MANAGEMENT PLAN WITH LANE CLOSURE REQUEST FOR ALL MAJOR ROADS AND ANY LOCAL ROADS WHICH REQUIRE ANY DETOURS.
8. ALL TRAFFIC CONTROL TO CONFORM TO THE LATEST EDITION OF THE BC TRAFFIC CONTROL MANUAL FOR WORK ON ROADWAYS.
9. APPROVAL OF NOISE VARIANCE FOR ALL WORK OUTSIDE OF NORMAL APPROVED WORK HOURS REQUIRED BY THE CITY.
10. NOTICE OF CONSTRUCTION SIGNS TO BE INSTALLED AT ALL PROJECT LIMITS AND PREFERRED DETOUR ROUTE. NOTIFY CONTRACT ADMINISTRATOR WITH CONSTRUCTION SCHEDULE AND LOCATIONS. SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR.
11. THE CONTRACTOR WILL BE RESPONSIBLE FOR COMPLETION OF ALL TAPED TEMPORARY AND PERMANENT PAINT AND THERMOPLASTIC PAVEMENT MARKINGS IN THE PLACE OF THE WORK. PERMANENT LANE MARKINGS ARE TO BE PLACED WITHIN SEVENTY-TWO (72) HOURS OF FINAL PAVING AND PERMANENT THERMOPLASTIC PAVEMENT MARKINGS ARE TO BE PLACED WITHIN FIVE (5) DAYS OF FINAL PAVING. ALL TEMPORARY MARKINGS TO BE REMOVED IMMEDIATELY FOLLOWING PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
12. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE TRAFFIC MANAGEMENT DETAILED SPECIFICATIONS IN THE CONTRACT DOCUMENTS.

STORM AND SANITARY SEWER NOTES:

1. NO CHANGES TO BE MADE TO PIPES, MANHOLES, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR.
2. THE CONTRACTOR IS TO EXPOSE EXISTING WATERMAINS, STORM AND SANITARY SEWERS AT TIE-IN LOCATION AND ALL EXISTING UTILITIES BETWEEN. UTILITY DEPTHS AND LOCATIONS ARE TO BE RECORDED AND FORWARDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
3. ASSURANCE OF PROTECTION OF THE WATERMAIN AS PER FRASER HEALTH AUTHORITY, JULY 14, 2006:
   PARALLEL LINES: WATERMAINS SHOULD BE LAID AT LEAST 3m HORIZONTALLY FROM ANY SANITARY OR STORM SEWER. WHERE THIS HORIZONTAL SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATERMAIN SHOULD BE AT LEAST 45cm ABOVE THE TOP OF THE SEWER AND SUFFICIENTLY TO ONE SIDE OF THE SEWER TO ALL FOR SEWER REPAIRS WITHOUT DISTURBING THE WATERMAIN. IF THIS VERTICAL SEPARATION IS NOT POSSIBLE, THE SEWER SHOULD BE OF THE SAME SERVICE CAPABILITY AS THE WATERMAIN, WITH PRESSURE CLASS JOINTS DESIGNED TO REMAIN WATERTIGHT IF THE GROUNDWATER TABLE PERIODICALLY RISES ABOVE THE SEWER, AND ARE PRESSURE TESTED BEFORE BACKFILLING. OTHER PRECAUTIONS, SUCH AS A WATERMAIN WITH IMPROVED JOINTS AND HIGHER STRENGTH MAY BE NEEDED.
4. CROSSINGS: WHERE A WATERMAIN CROSSES A SANITARY OR STORM SEWER, THE LINES SHOULD BE LAID WITH THE WATERMAIN CROSSING OVER THE SEWER AND WITH THE MIDDLE OF PIPE LENGTHS LOCATED AT THE CROSSING POINT, TO MAXIMIZE THE SEPARATION BETWEEN JOINTS. WHERE A MINIMUM 3m JOINT SEPARATION AND/OR A MINIMUM 45cm CLEAR VERTICAL SEPARATION IS NOT POSSIBLE AT THE CROSSING, PRECAUTIONS TO IMPROVE WATER TIGHTNESS OF THE SEWER JOINTS AND STRUCTURAL IMPROVEMENTS SUCH AS HIGHER STRENGTH WATERMAIN AND/OR SEWER AT THE CROSSING AREA MAY BE NEEDED. SLEEVING, PIPE BRIDGING OR OTHER SUITABLE MEASURES MAY BE CONSIDERED. ALL JOINTS WITHIN 3m OF THE CROSSING SHOULD BE:
   - WRAPPED WITH HEAT SHRINK PLASTIC OR
   - PACKED WITH INERT PETROLATUM COMPOUND AND WRAPPED IN TAPE IN ACCORDANCE WITH ANSI/AWWA STANDARDS C209 AND C217-90.

   FOR SERVICE CONNECTIONS, WHEREVER POSSIBLE, THE ABOVE CONSTRUCTION PRACTICES SHOULD ALSO BE APPLIED.
5. FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
6. REFER TO COQ STD. DWG. COQ-G4 FOR UTILITY TRENCH DETAIL.
7. STORM SEWER MATERIALS ARE TO CONFORM TO THE MMCD SPECIFICATIONS.
8. ALL PIPE SIZES INDICATED REFER TO MINIMUM INSIDE DIAMETER DIMENSIONS.
9. ALL CATCH BASINS SHALL BE AS PER COQ STD. DWG. COQ-S11A.
10. CATCH BASIN AND LAWN DRAIN LEADS TO BE 150mm DIAMETER PVC 28 PIPE FOR SINGLE CATCH BASINS AND LAWN DRAINS THAT TIE INTO THE MAIN DIRECTLY. LEADS ARE TO BE 200mm DIAMETER PVC 35 PIPE FROM THE STORM MAIN TO THE WYE FOR CATCH BASIN/LAWN DRAIN COMBINATIONS AS PER THE CONNECTION DETAIL ON SHEET 4.

WATERMAIN NOTES:

1. ALL NEW 300mm WATERMAINS SHALL BE CLASS 50 DUCTILE IRON AND INSTALLED WITH 1.0m MINIMUM COVER UNLESS OTHERWISE NOTED. ALL NEW 400mm WATERMAINS SHALL BE PRESSURE CLASS 350 DUCTILE IRON AND INSTALLED WITH 1.2m MINIMUM COVER UNLESS OTHERWISE NOTED.
2. NO CHANGES TO BE MADE TO PIPE, FITTINGS, OR ALIGNMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE CONTRACT ADMINISTRATOR
3. ALL TIE-INS TO EXISTING WATERMAINS AND WATER SERVICE TRANSFERS WILL BE PERFORMED BY THE CONTRACTOR.
4. THE CONTRACTOR IS TO EXPOSE EXISTING WATERMAINS AND WATER SERVICES AT TIE-IN LOCATION AND ALL EXISTING UTILITIES BETWEEN. UTILITY DEPTHS ARE TO BE RECORDED AND FORWARDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW.
5. ASSURANCE OF PROTECTION OF THE WATERMAIN AS PER FRASER HEALTH AUTHORITY, JULY 14, 2006
6. PARALLEL LINES: WATERMAINS SHOULD BE LAID AT LEAST 3m HORIZONTALLY FROM ANY SANITARY OR STORM SEWER. WHERE THIS HORIZONTAL SEPARATION IS NOT POSSIBLE, THE BOTTOM OF THE WATERMAIN SHOULD BE AT LEAST 45cm ABOVE THE TOP OF THE SEWER AND SUFFICIENTLY TO ONE SIDE OF THE SEWER TO ALLOW FOR SEWER REPAIRS WITHOUT DISTURBING THE WATERMAIN. IF THIS VERTICAL SEPARATION IS NOT POSSIBLE, THE SEWER SHOULD BE OF THE SAME SERVICE CAPABILITY AS THE WATERMAIN, WITH PRESSURE CLASS JOINTS DESIGNED TO REMAIN WATERTIGHT IF THE GROUNDWATER TABLE PERIODICALLY RISES ABOVE THE SEWER, AND ARE PRESSURE TESTED BEFORE BACKFILLING. OTHER PRECAUTIONS, SUCH AS A WATERMAIN WITH IMPROVED JOINTS AND HIGHER STRENGTH MAY BE NEEDED.
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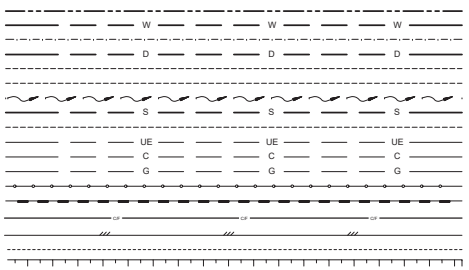
   - WRAPPED WITH HEAT SHRINK PLASTIC OR;
   - PACKED WITH INERT PETROLATUM COMPOUND AND WRAPPED IN TAPE IN ACCORDANCE WITH ANSI/AWWA STANDARDS C209 AND C217-90.
8. THRUST BLOCKS: THRUST BLOCKS TO BE PROVIDED AT ALL FITTINGS & CHANGES IN DIRECTION AS PER MMCD DETAIL DRAWING W1. WHERE CONDITIONS DO NOT PERMIT USE OF THRUST BLOCKS, THE CONTRACTOR SHALL USE JOINT RESTRAINTS AS SPECIFIED IN THE OWNER'S SUPPLEMENTAL SPECIFICATIONS.

200 DIA. W/M THRUST BLOCK SIZING			
BENDS	MATERIAL TYPE		
	SAND	GRAVEL	GLACIAL TILL
11.25	0.14	0.11	0.06
22.5	0.28	0.22	0.12
45	0.54	0.43	0.24
TEE	1.4	1.12	0.62
ALL VALUES ARE IN m^2			

9. ALL NEW FIRE HYDRANTS TO BE AS PER CITY OF COQUITLAM STANDARDS. HYDRANT ASSEMBLIES INCLUDE THE FOLLOWING: HYDRANT BODY, LATERAL CONNECTIONS FROM MAINLINE TEE OFF WATERMAIN TO HYDRANTS, ISOLATION VALVE AT THE MAINLINE TEE WITH ADJUSTABLE VALVE BOX AND ALL OTHER INCIDENTAL WORK.
10. MAXIMUM JOINT DEFLECTION SHOULD NOT EXCEED ONE-HALF OF THE MANUFACTURER'S RECOMMENDED SPECIFICATION.
11. ALL VERTICAL BENDS TO BE MINIMUM 2-LUG AND TIE-RODDED TOGETHER AND USE FIELD LOK 350 GASKETS FOR 3 PIPE LENGTHS BACK OF VERTICAL FITTINGS.
12. FIGURED DIMENSION SHALL GOVERN OVER SCALED DIMENSIONS.
13. ALL VALVES GREATER THAN 1.5m DEEP FROM THE NUT REQUIRE AN EXTENSION
14. ALL PIPE ZONE BACKFILL TO HAVE LESS THAN 50ppm CHLORIDE IONS, AND LESS THAN 50ppm SULFATE IONS. CONTRACTOR TO PROVIDE SOURCE TESTING RESULTS PRIOR TO DELIVERY TO SITE.

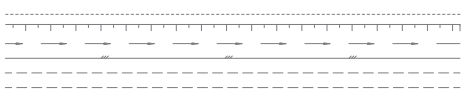
LEGEND

PROPOSED LINETYPES



RIGHT OF WAY
WATER MAIN
WATER SERVICE
STORM MAIN
STORM SERVICE
CB / DRAINAGE LEAD
DRAINAGE SWALE
SANITARY SEWER MAIN
SANITARY SERVICE
ELECTRICAL
CONDUIT
GAS
PEDESTRIAN FENCE
WALL
CUT/FILL BOUNDARY
EDGE OF GRAVEL ROAD
BOTTOM OF BANK
TOP OF BANK

EXISTING LINETYPES



BOTTOM OF BANK
TOP OF BANK
STREAM / CREEK / DITCH
EDGE OF PAVEMENT
EDGE OF GRAVEL/DIRT
EDGE OF GRAVEL/DIRT

PROPOSED SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER VALVE AIR		STORM CATCHBASIN DOUBLE
	WATER BEND 90°		STORM CATCHBASIN
	WATER BEND 45°		STORM CULVERT
	WATER BEND 22.5°		STORM SWALE
	WATER BEND 11.25°	DMH	STORM LAWN DRAIN
	WATER BLOWOFF		STORM MANHOLE
	WATER CAP	SMH	STORM SERVICE
	WATER CROSS		SANITARY MANHOLE
	WATER HYDRANT		STORM SERVICE
	WATER REDUCER		SIGN
	WATER ROBAR		STREETLIGHT
W	WATER SERVICE		
	WATER TEE		WALKWAY LIGHT
	WATER THRUST BLOCK		JUNCTION BOX
	WATER VALVE		ELECTRICAL BOX
	WATER BLOW-OFF		

EXISTING SYMBOLS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	WATER VALVE AIR		STORM CATCHBASIN DOUBLE
	WATER BEND 90°		STORM CATCHBASIN TOP INLET
	WATER BEND 45°		STORM CULVERT
	WATER BEND 22.5°		STORM LAWN DRAIN
	WATER BEND 11.25°		STORM MANHOLE
	WATER BLOWOFF		STORM DITCH
	WATER CROSS		SANITARY MANHOLE
	WATER HYDRANT		GUY WIRE
	WATER REDUCER		UTILITY TEL JUNCTION BOX
	WATER ROBAR/ADAPTER		POLE
W	WATER SERVICE		MISC SIGN
	WATER TEE		TREE
	WATER THRUST BLOCK		
	WATER VALVE		
	CAP		

IFC DESIGN NO. 32226

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

GENERAL NOTES

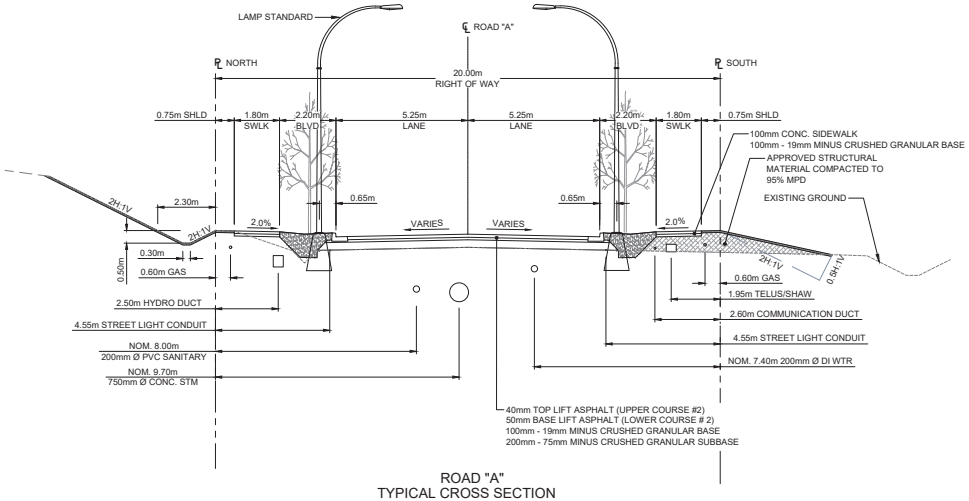
ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 0A2
T: (604)629-2696 F: (604)629-2698

SCALE	N/A	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

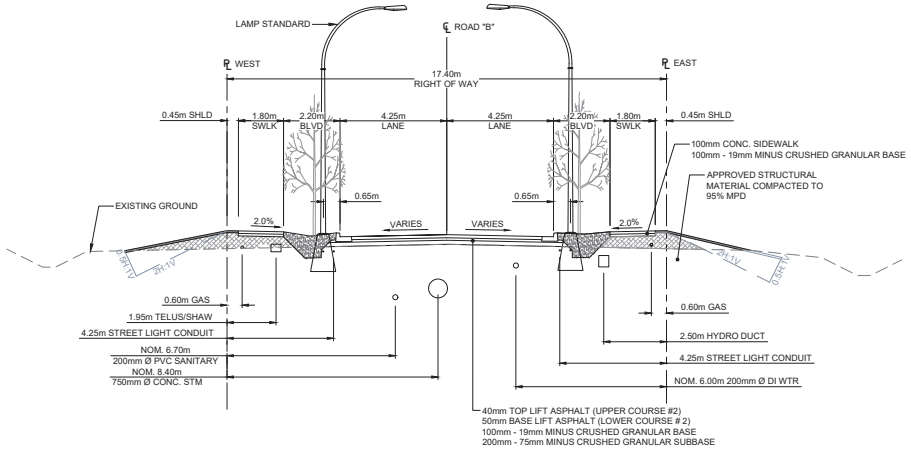
DWG. NO. 01 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

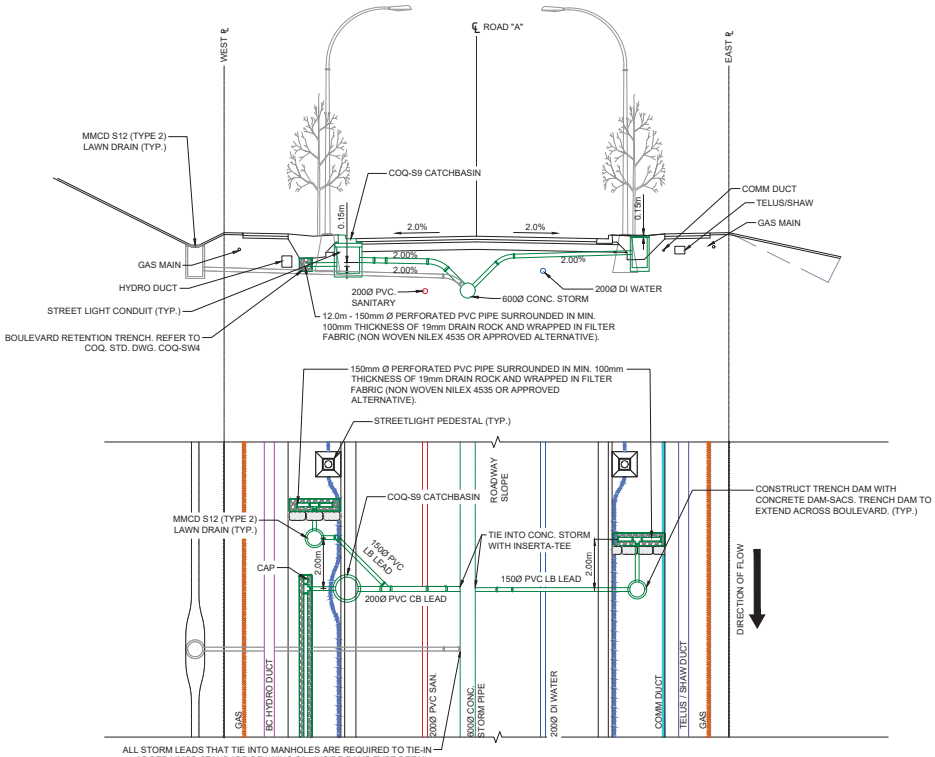
File: G:\Projects\32000\32200\32226_CoQ_Lower_Burke_Village_Roads\02_CAD\20_Drafting\201_Sheets\Phase 1 Mitchell to STA 1+ 950\\32226_SH_00_Cover_and_Notes.dwg



ROAD "A"
TYPICAL CROSS SECTION
SCALE 1:100



ROAD "B"
TYPICAL CROSS SECTION
SCALE 1:100



LOWER BURKE VILLAGE ROADS - ROAD "A"
UTILITY AND BOULEVARD RETENTION TRENCH DETAIL
SCALE 1:100

PLOT DATE: January 5, 2021

IFC DESIGN NO. 32226

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

TYPICAL SECTIONS

ISL Engineering and Land Services
#503, 4190 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)620-9095 F: (604)620-2698

SCALE	AS SHOWN	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 02 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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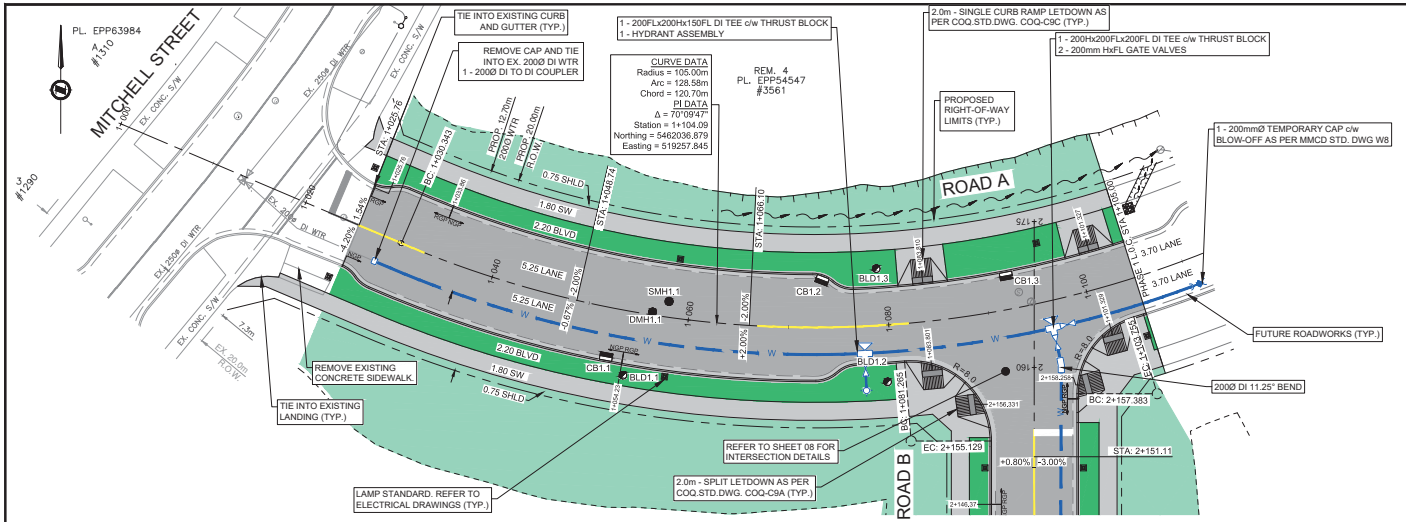
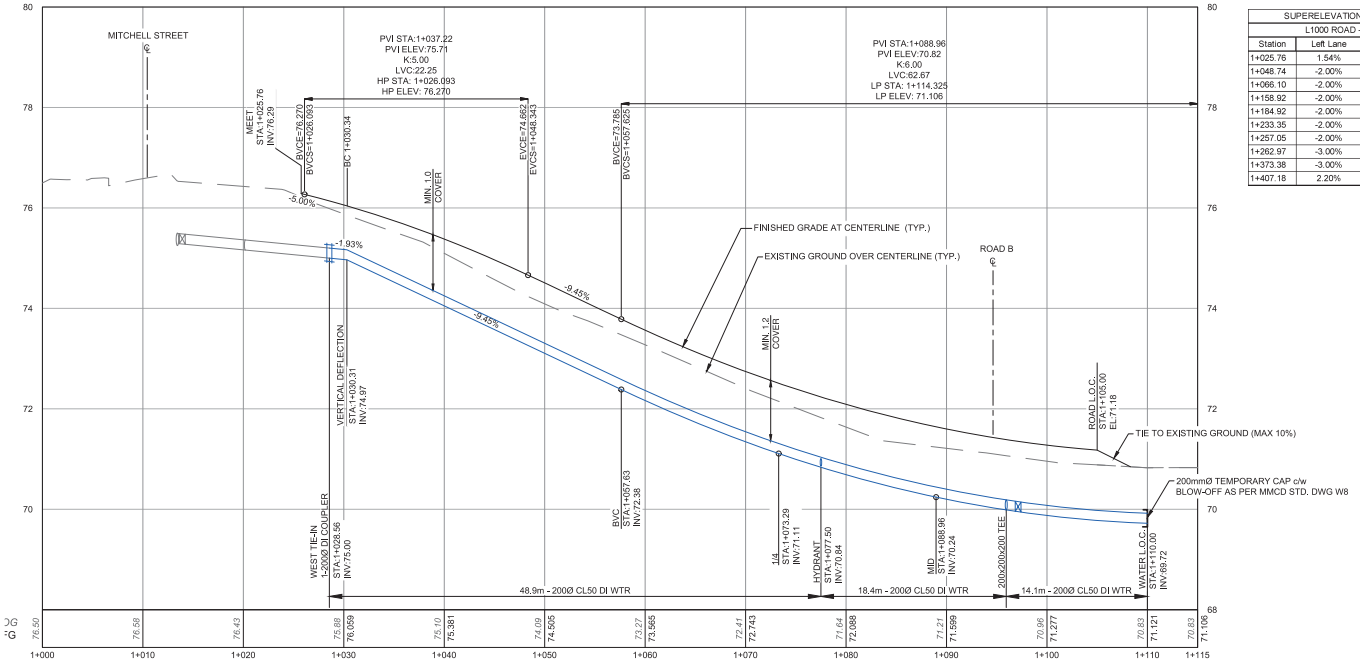




SUPERELEVATION TABLE		
L1000 ROAD - A		
Station	Left Lane	Right Lane
1+025.76	1.54%	-4.20%
1+048.74	-2.00%	-0.67%
1+066.10	-2.00%	2.00%
1+158.92	-2.00%	2.00%
1+184.92	-2.00%	-2.00%
1+233.35	-2.00%	-2.00%
1+257.05	-2.00%	2.00%
1+262.97	-3.00%	3.00%
1+373.38	-3.00%	3.00%
1+407.18	2.20%	-2.20%

NOTES:

1. REFER TO DRAWING 01 FOR GENERAL NOTES
2. ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN UTM ZONE 10 GROUND COORDINATES.
3. LANE WIDTHS AND BOULEVARD WIDTHS SHOWN ARE MEASURED TO FACE OF CURB.

ABBREVIATIONS:

BC: BEGINNING OF CURVE
BIKE: BIKE LANE
BNC: BEGIN NORMAL CROWN
BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
BVCS: BEGINNING OF VERTICAL CURVE STATION
BVLD: BOULEVARD
EC: END OF CURVE
ENC: END NORMAL CROWN
EVCE: END OF VERTICAL CURVE ELEVATION
EVCS: END OF VERTICAL CURVE STATION
DI: DUCTILE IRON
FL: FLANGE CONNECTION
H: HUB CONNECTION
HP: HIGH POINT
LANE: TRAVEL LANE
LP: LOW POINT
LVC: LENGTH OF VERTICAL CURVE
MUP: MULTI-USER PATH
NC: NORMAL CROWN
PI: POINT OF INTERSECTION
PRC: POINT OF REVERSE CURVE
PRKG: PARKING LANE
PVI: POINT OF VERTICAL INTERSECTION
RC: REVERSE CROWN
SHLD: ROAD SHOULDER
S/W: SIDEWALK
W/M: WATERMAIN
EG: EXISTING GROUND
FG: FINISHED GROUND
NGP: NORMAL GUTTER PAN
RGP: REVERSE GUTTER PAN

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

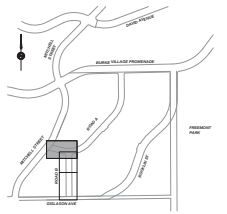
FOR DETAILS REFER TO SHEET 02
FOR ROAD AND WATER REFER TO SHEET 03 TO 05.
FOR SIGNAGE REFER TO SHEET 06
FOR STORM REFER TO SHEET 07 TO 08.
FOR SANITARY REFER TO SHEET 09
FOR LANDSCAPE REFER TO SHEET 10 TO 11.
FOR SECTIONS REFER TO SHEET 12 TO 13.
FOR LIGHTING AND ELECTRICAL REFER TO DMD DRAWINGS

SURFACE TREATMENT

REFER TO LANDSCAPING DRAWINGS FOR DETAILS

ROAD SURFACE:
- 40 mm MMCD UPPER COURSE #2 ASPHALTIC SURFACE COMPACTED TO > 97% OF 75 BLOW MARSHALL
- 50 mm MMCD LOWER COURSE #2 ASPHALTIC BASE COMPACTED TO > 97% OF 75 BLOW MARSHALL
- 100 mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY
- 200 mm OF 75mm MINUS CRUSHED GRANULAR SUBBASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY

SIDEWALK:
- 100mm CONCRETE,
- 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY



ROAD "A"
PROPOSED CENTERLINE PROFILE
HORZ. 1:250 - VERT. 1:50

PLOT DATE: January 19, 2021

IFC DESIGN NO. 32226

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

ROADS + WATER

ROAD A
STA 1+000 TO STA 1+105

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)620-2656 F: (604)629-2666

SCALE	1:250H, 1:50V	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 03 OF 13 REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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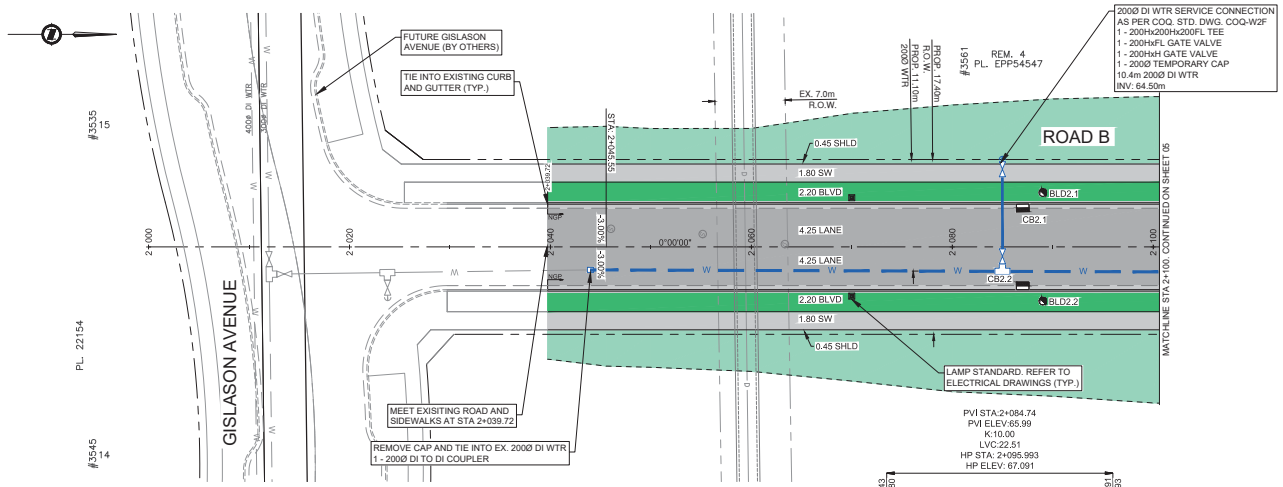
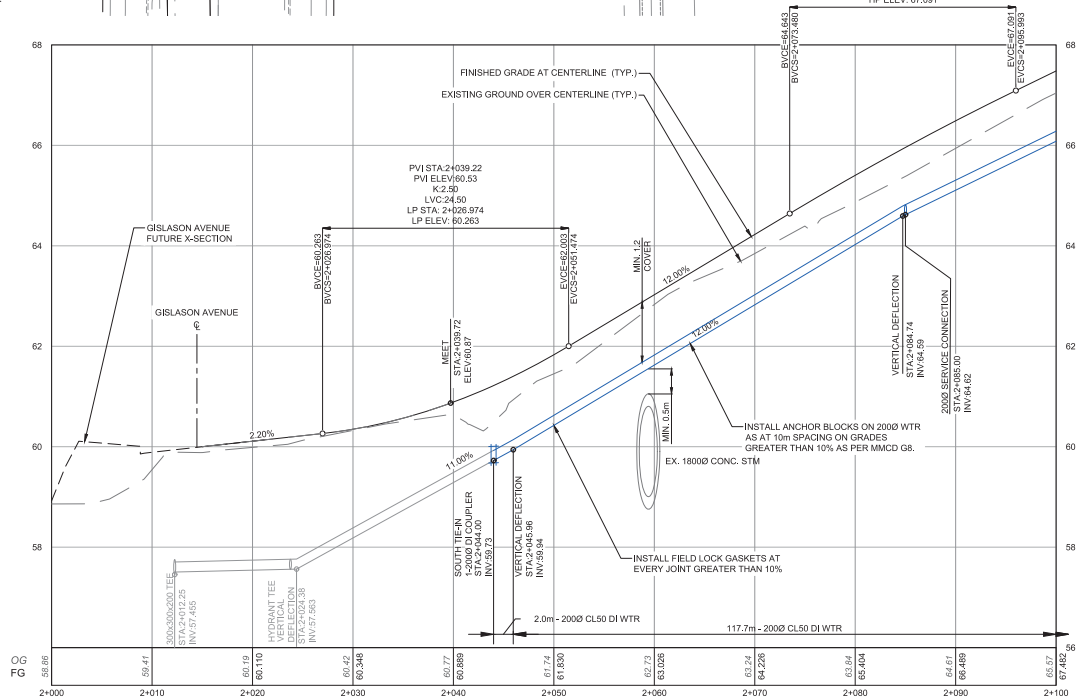




ROAD "B"
PROPOSED CENTERLINE PROFILE
HORZ. 1:250 - VERT. 1:50

SUPERELEVATION TABLE		
L2000 ROAD - B		
Station	Left Lane	Right Lane
2+039.72m	-3.00%	-3.00%
2+128.60m	-3.00%	-3.00%
2+151.11m	0.80%	-3.00%
2+162.36m	2.70%	-1.10%

NOTES:

1. REFER TO DRAWING 01 FOR GENERAL NOTES
2. ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN UTM ZONE 10. GROUND COORDINATES.
3. LANE WIDTHS AND BOULEVARD WIDTHS SHOWN ARE MEASURED TO FACE OF CURB.

ABBREVIATIONS:

BC: BEGINNING OF CURVE
BIKE: BIKE LANE
BNC: BEGIN NORMAL CROWN
BVCE: BEGINNING OF VERTICAL CURVE ELEVATION
BVCS: BEGINNING OF VERTICAL CURVE STATION
BVLD: BOULEVARD
EC: END OF CURVE
ENC: END NORMAL CROWN
EVCE: END OF VERTICAL CURVE ELEVATION
EVCS: END OF VERTICAL CURVE STATION
DI: DUCTILE IRON
FL: FLANGE CONNECTION
H: HUB CONNECTION
HP: HIGH POINT
LANE: TRAVEL LANE
LP: LOW POINT
LVC: LENGTH OF VERTICAL CURVE
MUP: MULTI-USER PATH
NC: NORMAL CROWN
PI: POINT OF INTERSECTION
PRC: POINT OF REVERSE CURVE
PRKG: PARKING LANE
PVI: POINT OF VERTICAL INTERSECTION
RC: REVERSE CROWN
SHLD: ROAD SHOULDER
S/W: SIDEWALK
W/M: WATERMAIN
EG: EXISTING GROUND
FG: FINISHED GROUND
NGP: NORMAL GUTTER PAN
RGP: REVERSE GUTTER PAN

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

FOR DETAILS REFER TO SHEET 02

FOR ROAD AND WATER REFER TO SHEET 03 TO 05.

FOR SIGNAGE REFER TO SHEET 06

FOR STORM REFER TO SHEET 07 TO 08.

FOR SANITARY REFER TO SHEET 09

FOR LANDSCAPE REFER TO SHEET 10 TO 11.

FOR SECTIONS REFER TO SHEET 12 TO 13.

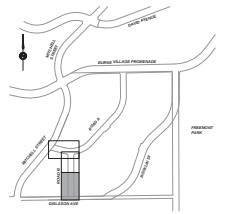
FOR LIGHTING AND ELECTRICAL REFER TO DMD DRAWINGS

SURFACE TREATMENT

REFER TO LANDSCAPING DRAWINGS FOR DETAILS

ROAD SURFACE:
- 40 mm MMCD UPPER COURSE #2 ASPHALTIC SURFACE COMPACTED TO > 97% OF 75 BLOW MARSHALL
- 50 mm MMCD LOWER COURSE #2 ASPHALTIC BASE COMPACTED TO > 97% OF 75 BLOW MARSHALL
- 100 mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY
- 200 mm OF 75mm MINUS CRUSHED GRANULAR SUBBASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY

SIDEWALK:
- 100mm CONCRETE,
- 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY



PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

ROADS + WATER

ROAD B
STA 2+000 TO STA 2+100

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2656 F: (604)629-2666

IFC DESIGN NO. 32226

SCALE	1:250H, 1:50V	DATE	20/12/18	DWG. NO.
DRAWN BY	PM	DESIGN BY	CJB	04 OF 13
CHECKED BY	CJB	APPROVED BY	KPT	REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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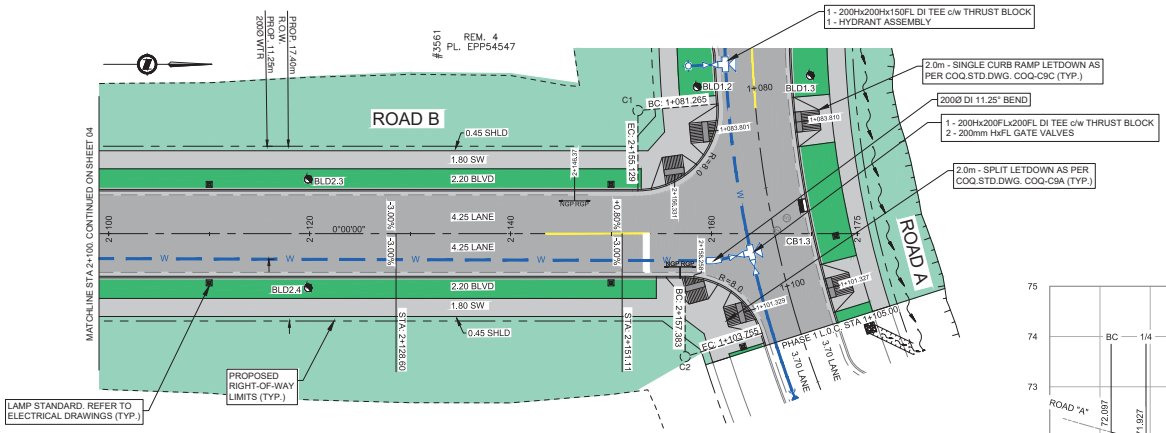
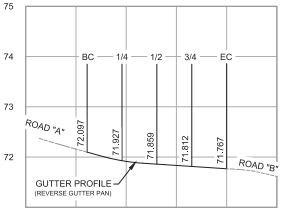
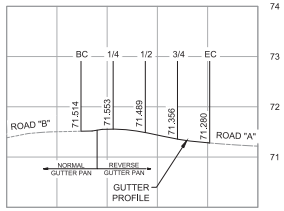




CURB RETURN PROFILE "C1"
HORZ. 1:250 - VERT. 1:50



CURB RETURN PROFILE "C2"
HORZ. 1:250 - VERT. 1:50

SUPERELEVATION TABLE		
L2000 ROAD - B		
Station	Left Lane	Right Lane
2+039.72m	-3.00%	-3.00%
2+128.60m	-3.00%	-3.00%
2+151.11m	0.80%	-3.00%
2+162.36m	2.70%	-1.10%

NOTES:

1. REFER TO DRAWING 01 FOR GENERAL NOTES
2. ELEVATIONS ARE RELATIVE TO CVD28GVRD. HORIZONTAL COORDINATES ARE IN UTM ZONE 10 GROUND COORDINATES.
3. LANE WIDTHS AND BOULEVARD WIDTHS SHOWN ARE MEASURED TO FACE OF CURB.

ABBREVIATIONS:

BC: BEGINNING OF CURVE
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EVCS: END OF VERTICAL CURVE STATION
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FL: FLANGE CONNECTION
H: HUB CONNECTION
HP: HIGH POINT
LANE: TRAVEL LANE
LP: LOW POINT
LVC: LENGTH OF VERTICAL CURVE
MUP: MULTI-USER PATH
NC: NORMAL CROWN
PI: POINT OF INTERSECTION
PRC: POINT OF REVERSE CURVE
PRKG: PARKING LANE
PVI: POINT OF VERTICAL INTERSECTION
RC: REVERSE CROWN
SHLD: ROAD SHOULDER
S/W: SIDEWALK
W/M: WATERMAIN
EG: EXISTING GROUND
FG: FINISHED GROUND
NGP: NORMAL GUTTER PAN
RGP: REVERSE GUTTER PAN

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

FOR DETAILS REFER TO SHEET 02

FOR ROAD AND WATER REFER TO SHEET 03 TO 05.

FOR SIGNAGE REFER TO SHEET 06

FOR STORM REFER TO SHEET 07 TO 08.

FOR SANITARY REFER TO SHEET 09

FOR LANDSCAPE REFER TO SHEET 10 TO 11.

FOR SECTIONS REFER TO SHEET 12 TO 13.

FOR LIGHTING AND ELECTRICAL REFER TO DMD DRAWINGS

SURFACE TREATMENT

REFER TO LANDSCAPING DRAWINGS FOR DETAILS

ROAD SURFACE:
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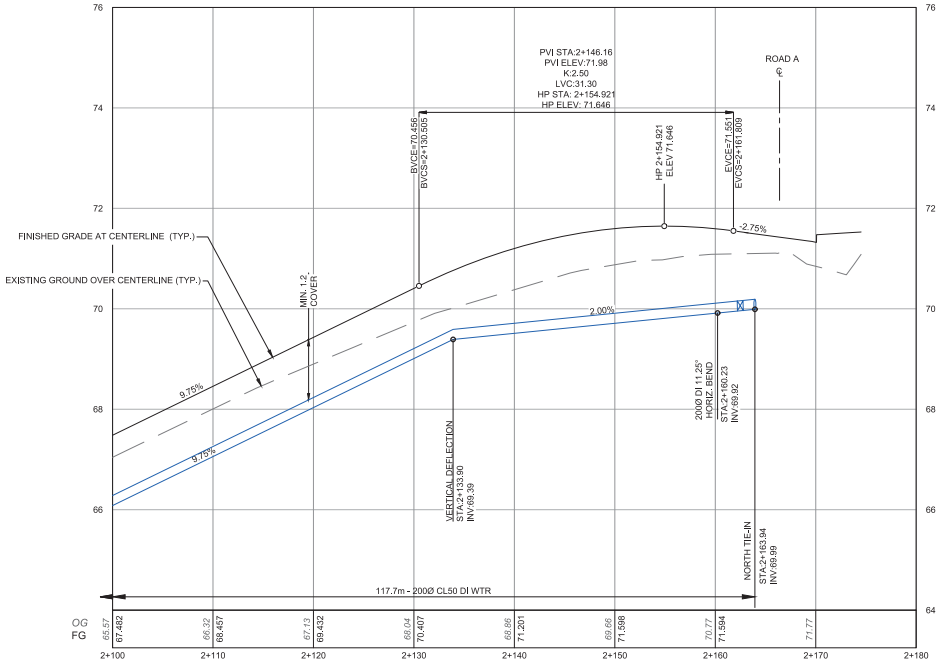
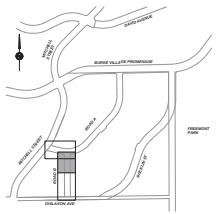
- 50 mm MMCD LOWER COURSE #2 ASPHALTIC BASE COMPACTED TO > 97% OF 75 BLOW MARSHALL
- 100 mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY
- 200 mm OF 75mm MINUS CRUSHED GRANULAR SUBBASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY

SIDEWALK:
- 100mm CONCRETE,
- 100mm OF 19mm MINUS CRUSHED GRANULAR BASE COMPACTED TO > 95% MODIFIED PROCTOR DENSITY



ROAD "B"
PROPOSED CENTERLINE PROFILE
HORZ. 1:250 - VERT. 1:50



PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

ROADS + WATER

ROAD B
STA 2+100 TO STA 2+180

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2699 F: (604)629-2699

IFC DESIGN NO. 32226

SCALE	1:250H, 1:50V	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 05 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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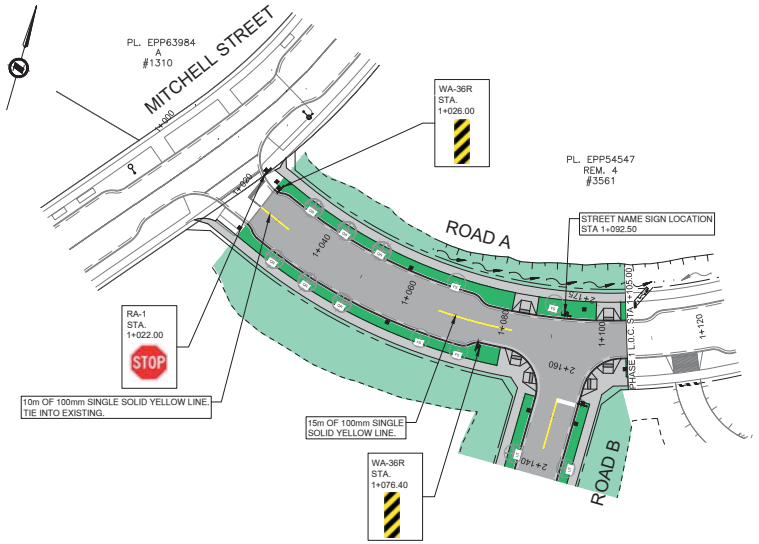
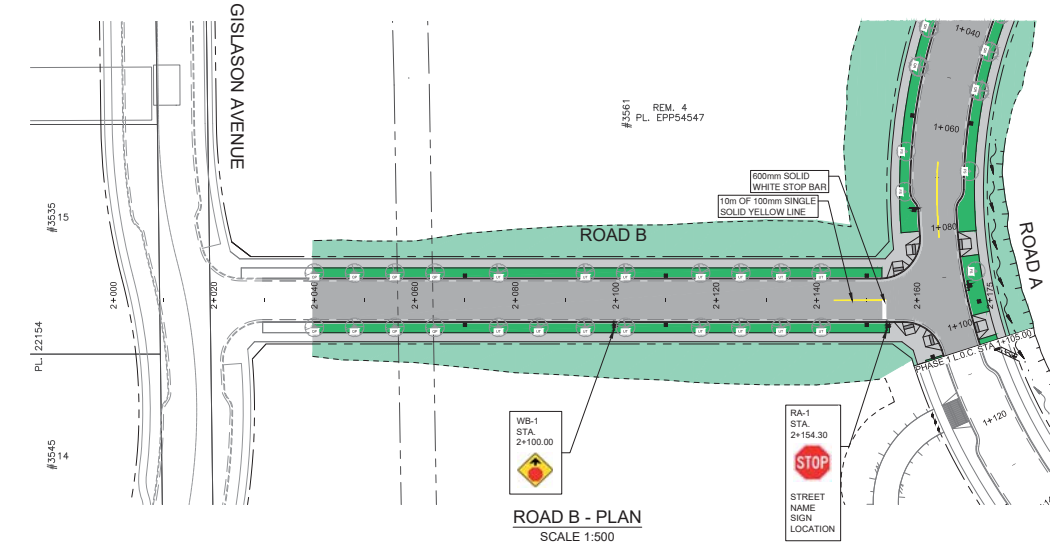
NOTES:

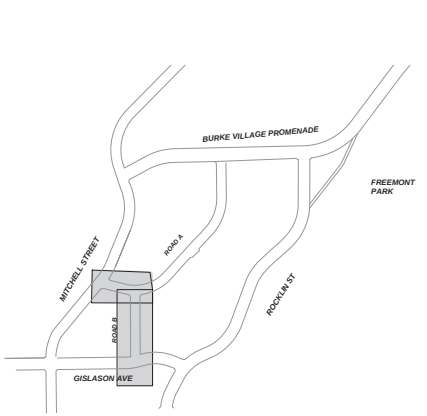
1. REFER TO DRAWING 1 FOR GENERAL NOTES
2. SIGNS RB57, RB-57R, RB-57L AREA TO BE MOUNTED AT 45 DEGREES FACING TOWARDS ONCOMING TRAFFIC
3. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC



ROAD A - PLAN
SCALE 1:500



ROAD B - PLAN
SCALE 1:500



KEY PLAN

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

ROAD WORKS

ROAD A & ROAD B
SIGNAGE AND PAVEMENT MARKINGS

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 0A3
T: (604)420-2646 F: (604)420-2698

SCALE	1:250	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 06 OF 13
REV. 0

IFC DESIGN NO. 32226

DESTROY ALL PRINTS BEARING PREVIOUS NO

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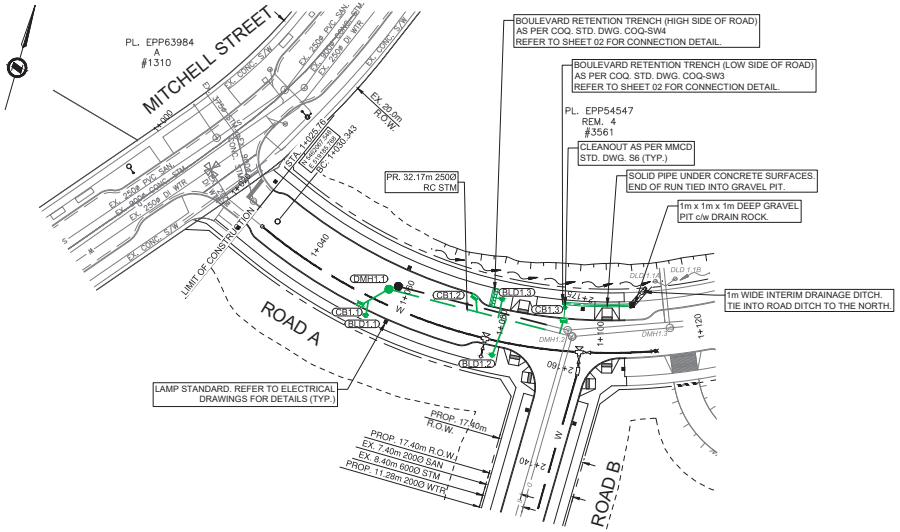


CATCH BASIN AND LAWN BASIN TABLE

CB No.	RIM EL.	LOCATION	TYPE
BLD1.1	74.108	STA. 1+054.543 O/S 6.400 RT	TYPE 2 LAWN BASIN AS PER MMCD S12
BLD1.2	72.238	STA. 1+079.513 O/S 5.669 RT	TYPE 2 LAWN BASIN AS PER MMCD S12
BLD1.3	72.099	STA. 1+079.106 O/S -5.650 LT	TYPE 2 LAWN BASIN AS PER MMCD S12
CB1.1	74.237	STA. 1+052.658 O/S 5.250 RT	SIDE INLET CATCH BASIN AS PER COQ. STD. COQ-S11A
CB1.2	72.515	STA. 1+073.529 O/S -5.055 LT	SIDE INLET CATCH BASIN AS PER COQ. STD. COQ-S11A
CB1.3	71.425	STA. 1+092.417 O/S -5.700 LT	SIDE INLET CATCH BASIN AS PER COQ. STD. COQ-S11A

STORM MANHOLE TABLE

MH No.	RIM EL.	PIPE INV.	LOCATION	TYPE
DMH1.1	RIM = 73.87	SW In 72.46 E Out 71.79	STA. 1+056.373 O/S -0.300 LT	1,050mm MH AS PER MMCD S1

BOULEVARD RETENTION TRENCH (NORTH/WEST SIDE OF ROAD "A")

START STATION	END STATION	TYPE
1+076.71	1+077.71	COQ. STD. DWG. COQ-SW4
1+091.84	1+105.00	COQ. STD. DWG. COQ-SW3

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

FOR DETAILS REFER TO SHEET 02

FOR ROAD AND WATER REFER TO SHEET 03 TO 05.

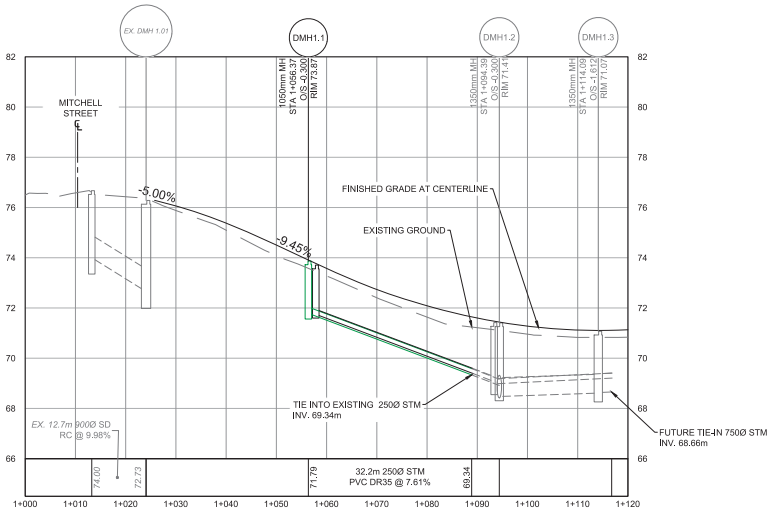
FOR SIGNAGE REFER TO SHEET 06

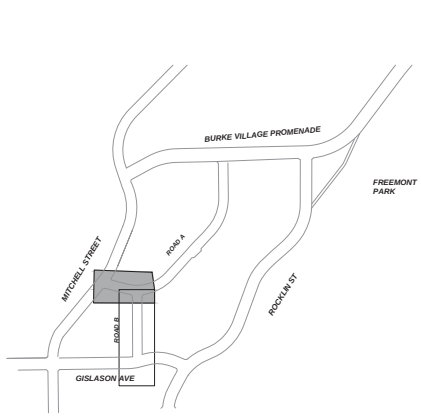
FOR STORM REFER TO SHEET 07 TO 08.

FOR SANITARY REFER TO SHEET 09

FOR LANDSCAPE REFER TO SHEET 10 TO 11.

FOR SECTIONS REFER TO SHEET 12 TO 13.





KEY PLAN

IFC DESIGN NO.

32226

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

STORM SEWER

ROAD A
STA 1+000 TO STA 1+105

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 0A3
T: (604)620-2646 F: (604)620-2698

SCALE	1:500H, 1:100V	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 07 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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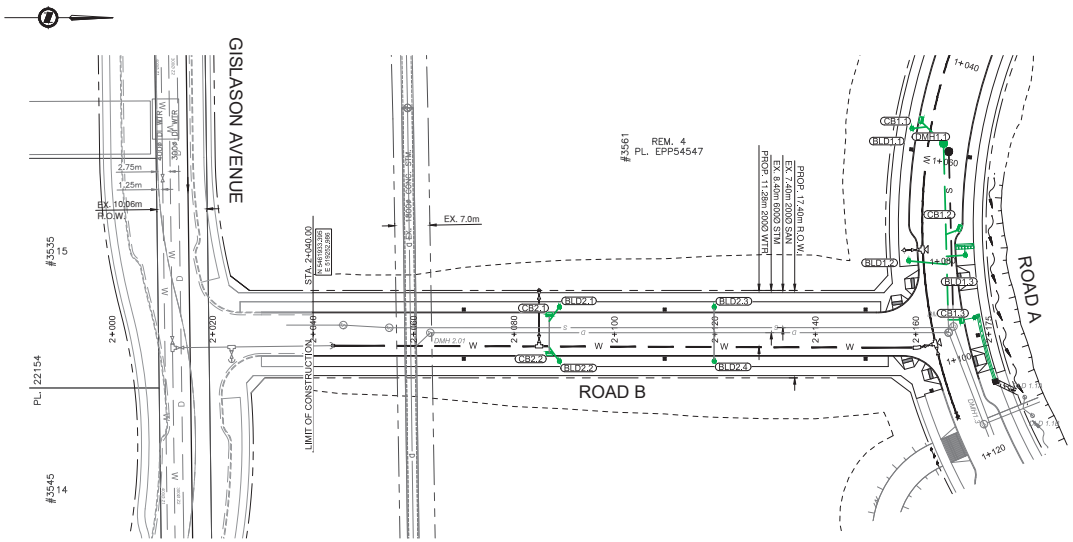
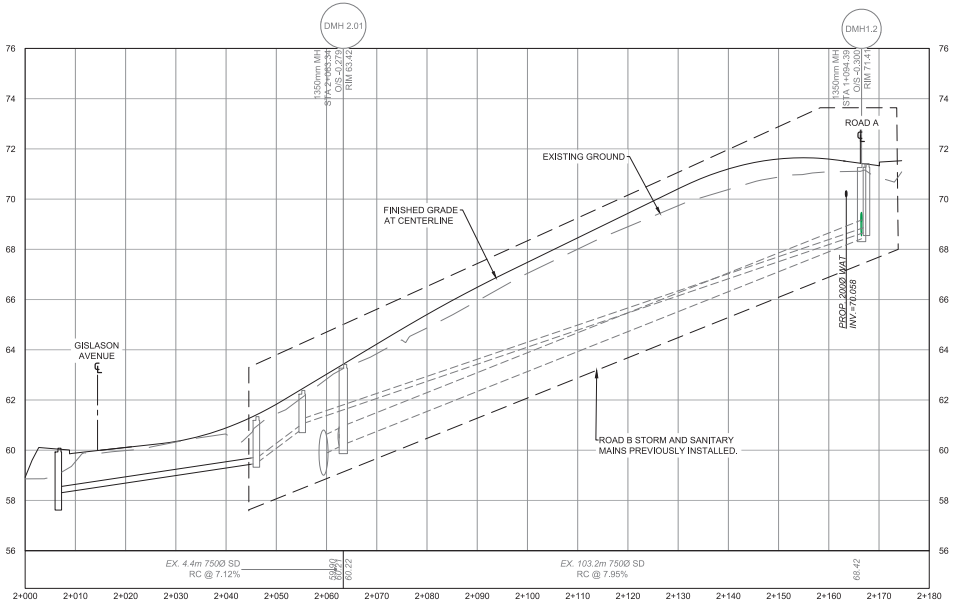




CATCH BASIN AND LAWN BASIN TABLE

CB No.	RIM EL.	LOCATION	TYPE
BLD2.1	66.279	STA. 2+089.016 O/S -5.400 LT	TYPE 2 LAWN BASIN AS PER MMCD S12
BLD2.2	66.279	STA. 2+089.016 O/S 5.400 RT	TYPE 2 LAWN BASIN AS PER MMCD S12
BLD2.3	69.342	STA. 2+119.837 O/S -5.400 LT	TYPE 2 LAWN BASIN AS PER MMCD S12
BLD2.4	69.310	STA. 2+119.837 O/S 5.400 RT	TYPE 2 LAWN BASIN AS PER MMCD S12
CB2.1	66.090	STA. 2+087.016 O/S -4.257 LT	SIDE INLET CATCH BASIN AS PER COQ. STD. COQ-S11A
CB2.2	66.017	STA. 2+087.016 O/S 4.250 RT	SIDE INLET CATCH BASIN AS PER COQ. STD. COQ-S11A

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

FOR DETAILS REFER TO SHEET 02

FOR ROAD AND WATER REFER TO SHEET 03 TO 05.

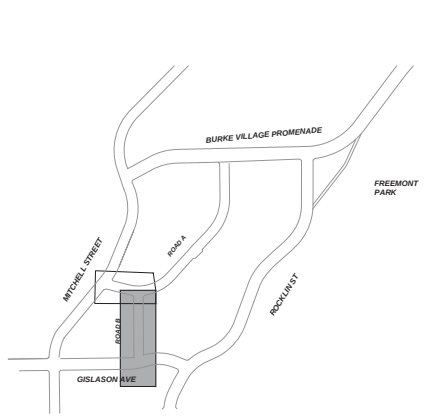
FOR SIGNAGE REFER TO SHEET 06

FOR STORM REFER TO SHEET 07 TO 08.

FOR SANITARY REFER TO SHEET 09

FOR LANDSCAPE REFER TO SHEET 10 TO 11.

FOR SECTIONS REFER TO SHEET 12 TO 13.



KEY PLAN

32226

IFC DESIGN NO.

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

STORM SEWER

ROAD B

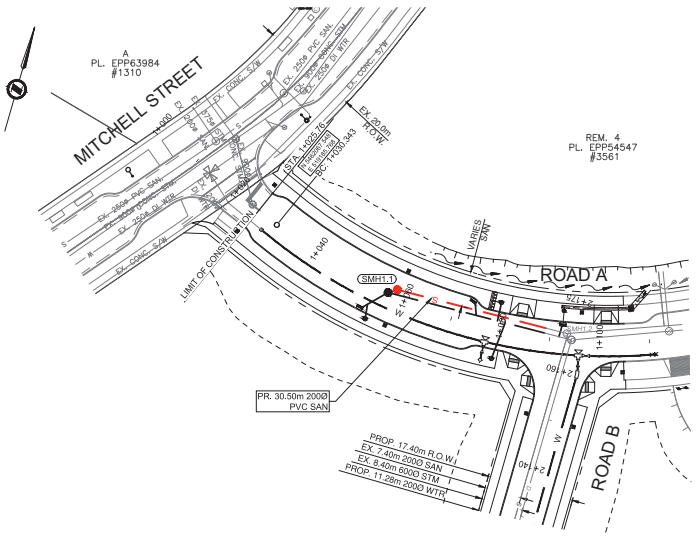
ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 0A3
T: (604)620-2646 F: (604)620-2698

SCALE	1:500H, 1:100V	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 08 OF 13 REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO

File: G:\Projects\32000\32203\32226_CoQ_Lower_Burke_Village_Roads\02_CAD\20_Drafting\201_Sheets\Phase 1\Misc\ltst to STA 1+105\32226_SH_03_Storm.dwg



SANITARY MANHOLE TABLE				
MH No.	RIM EL.	PIPE INV.	LOCATION	TYPE
SMH1.1	RIM = 73.71	E Out 71.75	STA. 1+057.851 O/S -1.573 LT	1,050 DIA MH AS PER MMCD S1

ROAD CLASSIFICATIONS:

HIGH DENSITY LOCAL:
ROAD A

LOCAL:
ROAD B

DESIGN SPEED 50km/h

FOR DETAILS REFER TO SHEET 02

FOR ROAD AND WATER REFER TO SHEET 03 TO 05.

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FOR STORM REFER TO SHEET 07 TO 08.

FOR SANITARY REFER TO SHEET 09

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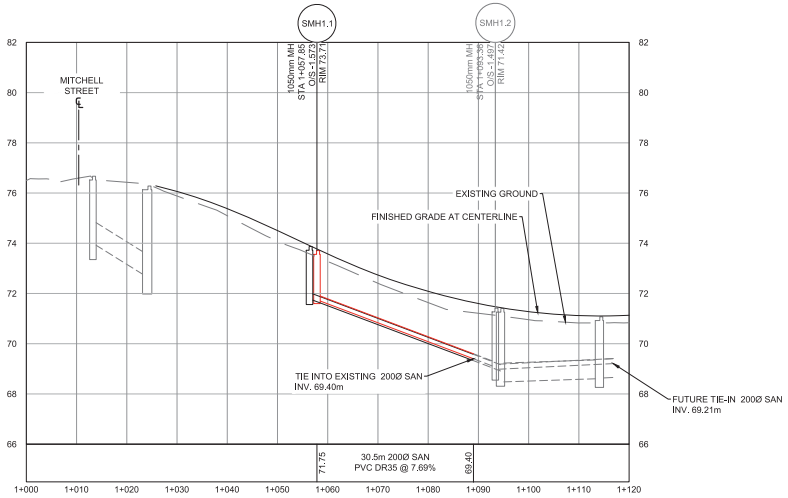

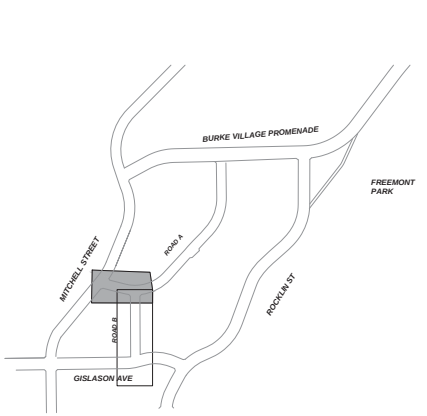

KEY PLAN

IFC DESIGN NO. 32226

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

SANITARY SEWER

ROAD A

STA 1+000 TO STA 1+105

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 0A3
T: (604)620-2646 F: (604)620-2688

SCALE	1:500H, 1:100V	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 09 OF 13

REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO

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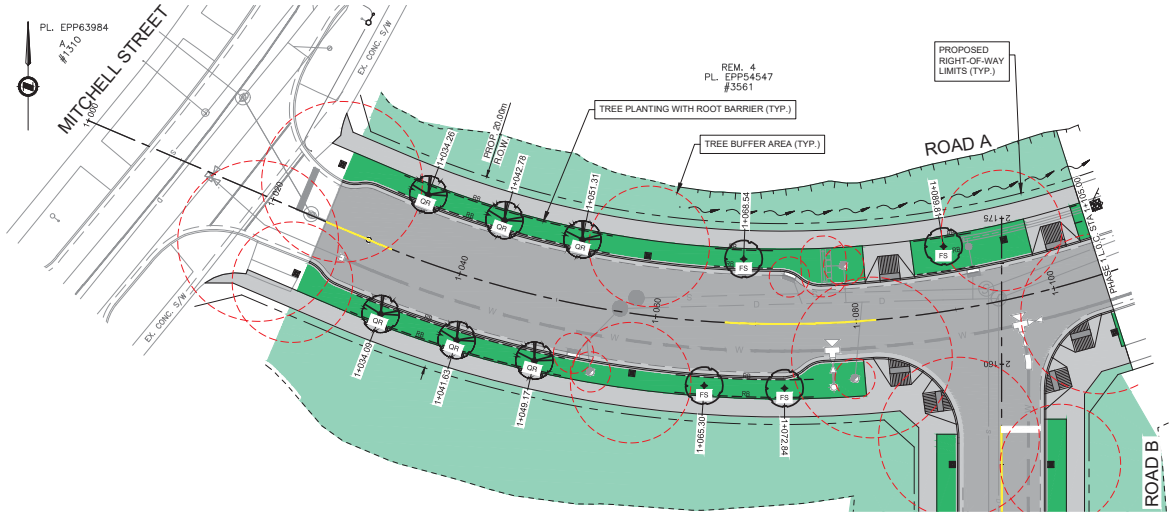


ROAD "A"
TREE PLANTING
SCALE 1:250

TREE PLANTING LEGEND

FS QR QP UT

TREE PLANTING LIST

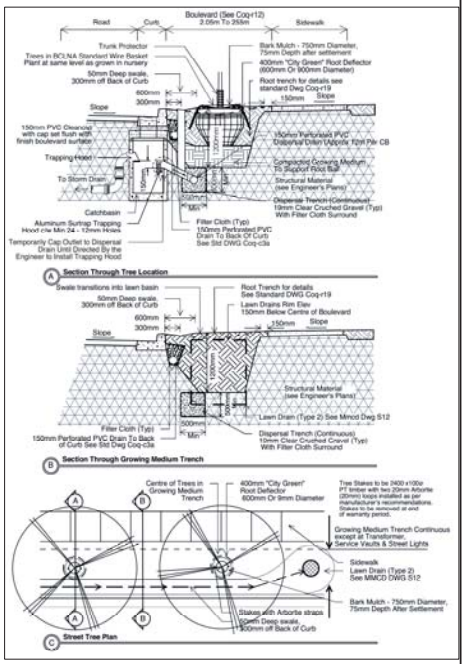
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
FS	4	Fagus sylvatica	European Beech	B&B; 8cm caliper; 1.8m std; specimen; full	As shown
QR	6	Quercus rubra	Red Oak	B&B; 8cm caliper; 1.8m std; specimen; full	As shown
QP	8	Quercus palllos	Willow Oak	B&B; 8cm caliper; 1.8m std; specimen; full	As shown
UT	15	Ulmus 'Morton Glossy'	Triumph Elm	B&B; 8cm caliper; 1.8m std; specimen; full	As shown

*All tree locations to be staked for review. Note: The ■ symbol indicates that the proposed tree correlates to the plant schedule of the previous phase.

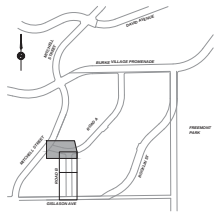
LANDSCAPE KEY

	ROAD SURFACE: Refer to civil drawings and details (typ)
	SIDEWALK: Refer to civil drawings and details (typ)
1/20	PLANTING: Refer to tree planting detail on sheet 20.
	EMBANKMENT HYDROSEED: To comply with composition requested, and be Canada No 1 Grade Seed in stock quality. Installation to be as per manufacturer's specifications and conform with contract documents, specifications, and Canadian Landscape Standards.
1/20 RB	ROOT BARRIER: 900mm deep extending 3m on each side of the tree trunk. Install continuous length of root barrier along entire boulevard curb edge for continuous tree trenches.
	UTILITY BUFFER: Clearance zone from utilities where no trees are to be installed inside of.

MINIMUM SPACING AND CLEARANCES	
TREES @ 8m CENTERLINE INTERVAL	
TREES SHALL HAVE MINIMUM CLEARANCES AS SHOWN FROM THE FOLOWING:	
STREET LIGHTS	6m
CATCH BASINS	2m
STREET INTERSECTIONS	8m
HYDRANTS	3m
MANHOLES, VALVE BOXES, SERVICE CONNECTIONS	2m
DRIVEWAYS	2m
ELECTRICAL JUNCTION BOXES	3m
KIOSKS	2m



TREE PLANTING DETAIL
TYPICAL CROSS SECTION
NTS



PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

LANDSCAPE

ROAD A
STA 1+000 TO 1+105

1:250 0 5 15m

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2999 F: (604)629-2999

IFC DESIGN NO. 32226

SCALE	1:250	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	AR
CHECKED BY	AR	APPROVED BY	KPT

DWG. NO. 10 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO

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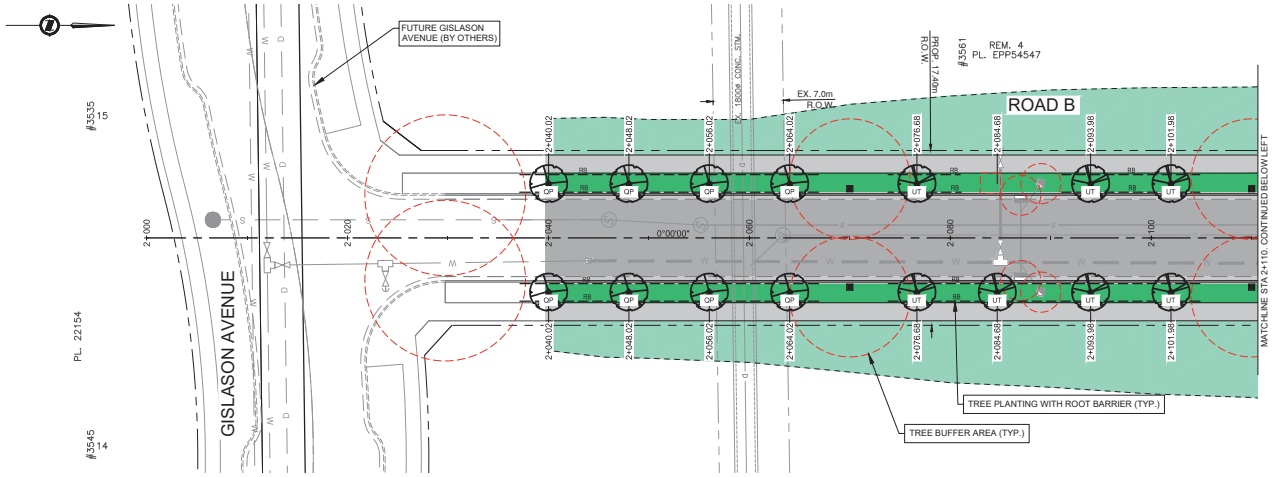
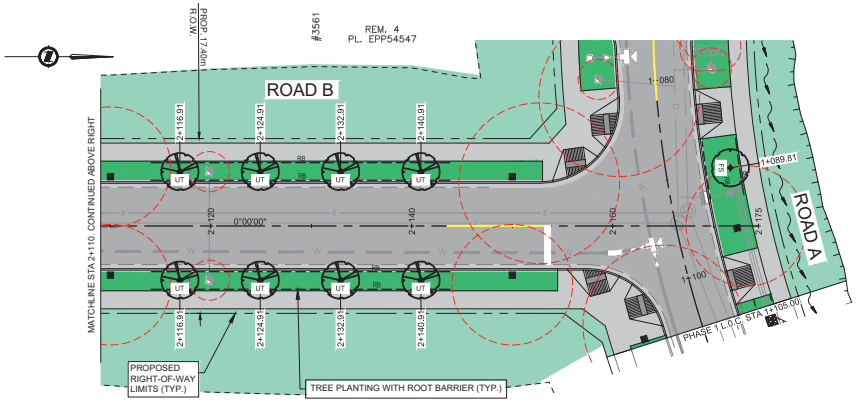


ROAD "B"
TREE PLANTING
SCALE 1:250



ROAD "B"
TREE PLANTING
SCALE 1:250

MINIMUM SPACING AND CLEARANCES	
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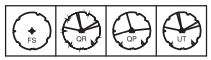
DRIVEWAYS	2m
ELECTRICAL JUNCTION BOXES	3m
KIOSKS	2m

TREE PLANTING LEGEND



TREE PLANTING LIST

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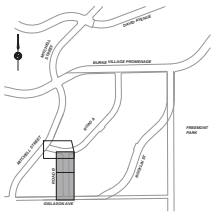

PLOT DATE: January 19, 2021

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

LANDSCAPE — ROAD B

1:250 0 5 15m

IFC DESIGN NO. 32226

ISL Engineering and Land Services
#503, 4180 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)529-2690 F: (604)529-2699

SCALE	1:250	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	AR
CHECKED BY	AR	APPROVED BY	KPT

DWG. NO. 11 OF 13 REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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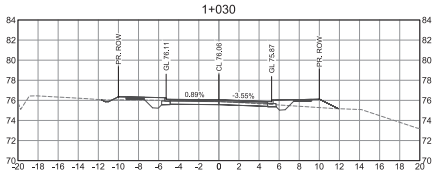

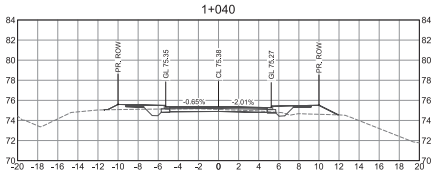

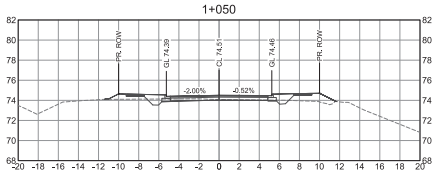

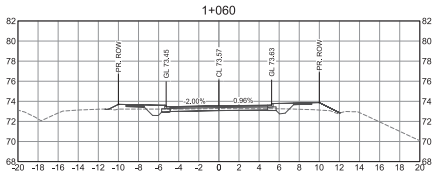

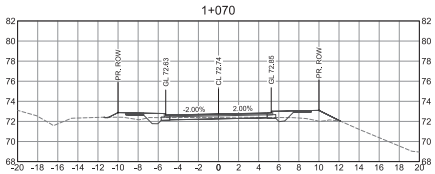

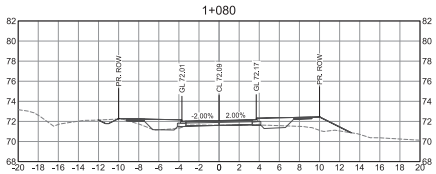

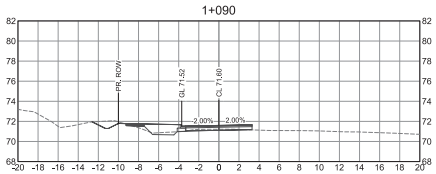

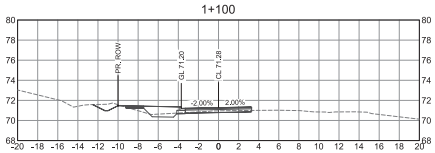

PLOT DATE: January 19, 2021

IFC DESIGN NO. 32226

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0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

SECTIONS

ROAD A

STA 1+030 TO STA 1+100

ISL Engineering and Land Services
#903, 4190 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2699 F: (604)629-2698

SCALE	1:250	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 12 OF 13 REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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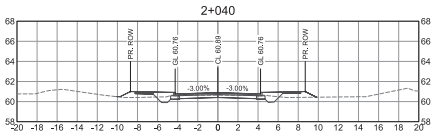

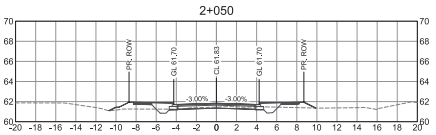

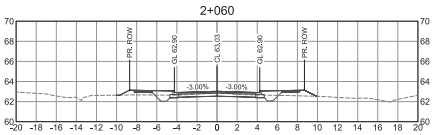

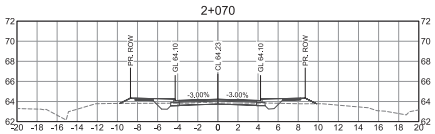

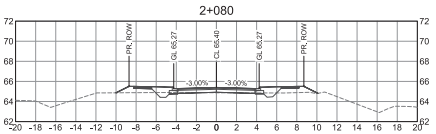

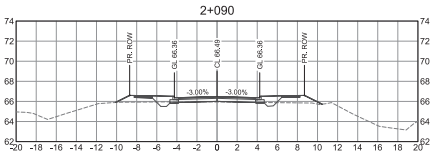

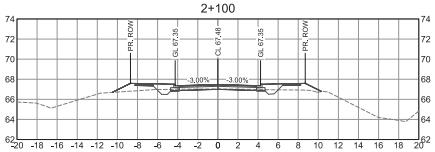

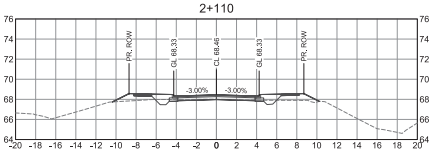

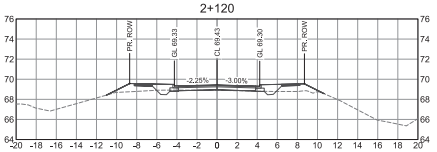

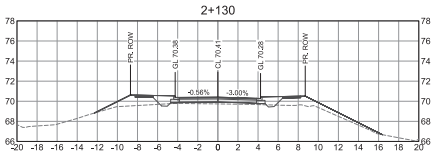

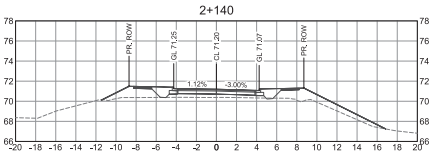

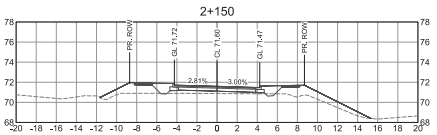

PLOT DATE: January 19, 2021

IFC DESIGN NO. 32226

REV NO	REVISIONS	DATE	DRAWN	APPRD
0	ISSUED FOR CONSTRUCTION	21/01/19	PM	KPT

Coquitlam
Engineering & Public Works
3000 Guildford Way, Coquitlam, B.C. V3B 7N2

SECTIONS

ROAD B
STA 2+050 TO 2+140

ISL Engineering and Land Services
#903, 4190 Lougheed Hwy, Burnaby, B.C. V5C 6A8
T: (604)629-2686 F: (604)629-2686

SCALE	1:250	DATE	20/12/18
DRAWN BY	PM	DESIGN BY	CJB
CHECKED BY	CJB	APPROVED BY	KPT

DWG. NO. 13 OF 13
REV. 0

DESTROY ALL PRINTS BEARING PREVIOUS NO.

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