

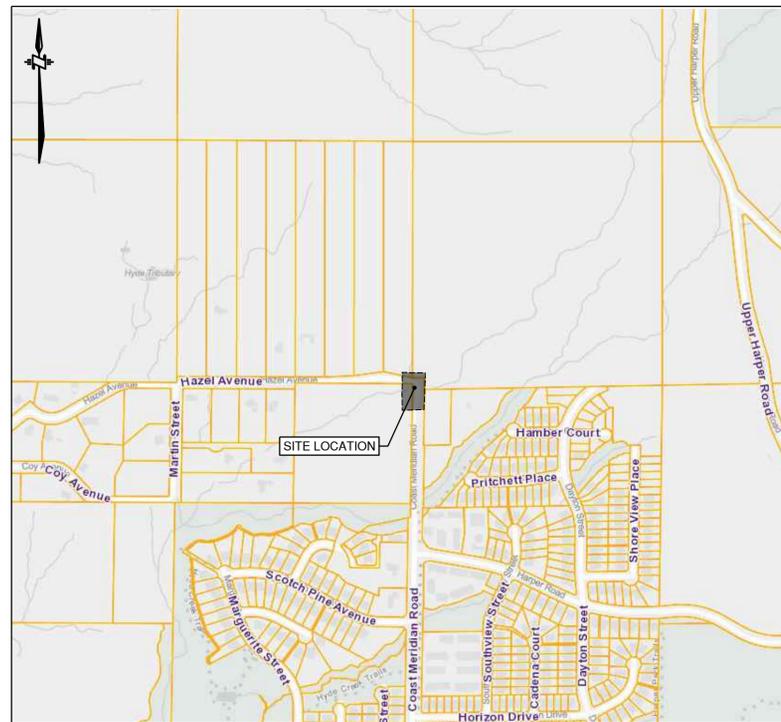
CITY OF COQUITLAM

3000 GUILDFORD WAY, COQUITLAM, BC V3B 7N2

2026 STREAM EROSION CONTROL

1500 COAST MERIDIAN ROAD

LEGEND		
EXISTING	PROPOSED	DESCRIPTION
		IRON PROPERTY PIN
		BUILDING
		EDGE OF PAVEMENT
		CURB & GUTTER
		TRUCK ROUTE
		SANITARY FORCE MAIN
		COMBINED SEWER
		SANITARY SEWER
		SANITARY CONNECTION & INSPECTION CHAMBER
		STORM SEWER
		STORM CONNECTION & INSPECTION CHAMBER
		CATCH BASIN / LAWN BASIN LEAD
		FRENCH DRAIN
		STORM SEWER & CLEANOUT
		CATCH BASIN - TOP INLET & SIDE INLET
		LAWN DRAIN
		CATCH BASIN MANHOLE
		SWALE
		DITCH
		SIDEWALK (ASPHALT)
		SIDEWALK (CONCRETE)
		RETAINING WALL
		TOP OF SLOPE
		BOTTOM OF SLOPE
		WATERMAIN
		WATER SERVICE CONNECTION
		WATER VALVE
		AIR VALVE
		HYDRANT & VALVE ASSEMBLY
		YARD HYDRANT
		CAPPED END
		WATER METER
		BLOW-OFF
		TELEPHONE U/G DUCTS & MANHOLE
		STREET LIGHT U/G DUCTS & MANHOLE
		GAS MAIN
		TRAFFIC SIGNAL U/G DUCTS
		HYDRO U/G DUCTS
		CABLE TV U/G DUCTS
		ORNAMENTAL STREET LIGHT - DAVIT
		ORNAMENTAL STREET LIGHT - POST TOP
		UTILITY POLE
		UTILITY POLE W/ LIGHT
		JUNCTION BOX
		GROUND ELEVATION
		DIRECTION OF OVERLAND FLOW



SITE MAP
Scale: N.T.S.

DRAWING INDEX		
SHEET NUMBER	DRAWING TITLE	DRAWING NUMBER
0	COVER	25-0688-COVER
1	GENERAL NOTES AND LEGEND	25-0688-N1
2	PLAN PROFILE	25-0688-P1
3	CROSS SECTIONS	25-0688-XS1-1
4	CROSS SECTIONS	25-0688-XS1-2
5	CROSS SECTIONS	25-0688-XS1-3
6	CROSS SECTIONS	25-0688-XS1-4



R.F. BINNIE & ASSOCIATES LTD.
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Burnaby, BC V5G 4K6
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GENERAL CONSTRUCTION NOTES

- ALL MATERIALS SUPPLIED AND CONSTRUCTION PERFORMED SHALL BE IN ACCORDANCE WITH THE CITY OF COQUITLAM DESIGN CRITERIA, THE LATEST EDITION OF WORKSAFE BC, THE MASTER MUNICIPAL CONTRACT DOCUMENTS (MMCD) - 2022 EDITION (PLATINUM BOOK), AND ANY OTHER APPLICABLE DESIGN CRITERIA, SPECIFICATIONS, STANDARD DRAWINGS, AND CONSTRUCTION SPECIFICATIONS.
- ALL MATERIAL TESTING MUST BE DONE IN ACCORDANCE WITH THE MMCD; TESTING TO BE CARRIED OUT BY QUALIFIED MATERIAL TESTING FIRM AND PAID FOR BY THE CONTRACTOR. THE CONTRACTOR IS TO PROVIDE COPIES OF ALL TEST RESULTS TO THE CONTRACT ADMINISTRATOR (CA).
- THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM ENGINEERING DEPARTMENT 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WITHIN THE ROAD ALLOWANCES AND RIGHTS-OF-WAYS.
- ALL WORK SHALL CONFORM TO THE CONSTRUCTION STANDARDS SPECIFIED IN THE SUBDIVISION AND DEVELOPMENT SERVICES BYLAW AND SHALL PASS THE INSPECTION OF THE CITY OF COQUITLAM OPERATIONS DEPARTMENT.
- THE CONTRACTOR SHALL HAVE COMPLETE CONTROL OF THE WORK AND SHALL EFFECTIVELY DIRECT AND SUPERVISE THE WORK SO AS TO ENSURE CONFORMANCE WITH THE CONTRACT DOCUMENTS, SUBJECT TO THE OWNER'S RIGHTS AS SPECIFICALLY SET OUT IN THE CONTRACT DOCUMENTS TO GIVE DIRECTIONS REGARDING WORK, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING THE VARIOUS PARTS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL MAINTAIN THE WORK IN A TIDY CONDITION AND FREE FROM THE ACCUMULATION OF WASTE, DEBRIS, AND WASTE PRODUCTS, OTHER THAN THAT CAUSED BY THE OWNER OR ITS EMPLOYEES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY AT THE PLACE OF WORK AS AND TO THE EXTENT REQUIRED BY APPLICABLE CONSTRUCTION SAFETY LEGISLATION, REGULATIONS AND CODES, INCLUDING THE WORKERS COMPENSATION ACT AND APPLICABLE REGULATIONS, AND BY GOOD CONSTRUCTION PRACTICE.
- THE CONTRACTOR SHALL ENSURE THAT ALL APPROVALS AND/OR PERMITS REQUIRED FOR THE PROPOSED WORKS HAVE BEEN OBTAINED FROM ALL AUTHORITIES AND AGENCIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- WORKSAFE B.C. IS TO BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION.
- THE LOCATIONS OF THE EXISTING UTILITIES, AS SHOWN ON THE DESIGN DRAWINGS, ARE APPROXIMATE ONLY AND THIS INFORMATION MAY NOT BE FULLY ACCURATE OR COMPLETE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES AT ALL TIE-IN POINTS, AT ALL POINTS WHERE A CONFLICT MAY ARISE DURING THE CONSTRUCTION OF THE PROPOSED WORKS, AND TO CONFIRM DESIGN ELEVATIONS. IN THE EVENT OF A CONFLICT, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE CA FOR DIRECTIONS. THE CONTRACTOR SHALL ASSUME ALL COSTS AND EXPENSES THAT MAY OCCUR FOR DAMAGES, SUPPORT OF AND REPAIR TO SUCH PLANT BY REASON OF THE NEGLIGENCE OF HIS OPERATIONS. (EXISTING UTILITIES SHOWN ARE DERIVED FROM AS-BUILT INFORMATION AND ALL UTILITIES MAY NOT BE NECESSARILY SHOWN). THE ENGINEER, THE CITY OF COQUITLAM AND THE UTILITY COMPANIES CANNOT BE HELD LIABLE FOR ANY DISCREPANCIES, CONFLICTS OF OMISSIONS.
- THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE CAUSED TO EXISTING STREET OR SERVICES BY CONSTRUCTION EQUIPMENT AND/OR TRUCKS HAULING MATERIAL TO THE SITE. THIS MAY INCLUDE DAILY CLEANING OR SWEEPING EXISTING ROADS OF DIRT AND DEBRIS CAUSED BY CONSTRUCTION ACTIVITIES.
- ALL CONSTRUCTION IN AND ABOUT A WATERCOURSE MUST RECEIVE PRIOR APPROVAL FROM THE PROVINCIAL MINISTRY OF ENVIRONMENT AND/OR THE FEDERAL DEPARTMENT OF FISHERIES AND OCEANS WHERE APPLICABLE.
- EXISTING UNDERGROUND UTILITY TRENCHES ADJACENT TO THE PROPOSED UNDERGROUND UTILITY INSTALLATION SHALL BE ADEQUATELY PROTECTED FROM SLOUGHING IN ORDER TO PREVENT OVER-WIDTH EXCAVATION.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR EXISTING SERVICES AND ANY SERVICES DISTURBED ARE TO BE REPLACED TO THE SATISFACTION OF THE CITY OF COQUITLAM OR OTHER APPROVING AGENCIES.
- ANY MATERIAL SUBSTITUTION AND/OR CHANGE IN DESIGN MUST OBTAIN WRITTEN APPROVAL FROM THE CA PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CITY SHALL BE NOTIFIED OF ANY SUBSTITUTION AND/OR CHANGE IN DESIGN. ANY CHANGE IN DESIGN WILL REQUIRE A DRAWING REVISION.
- ALL SURVEY MONUMENTS, BENCHMARKS, AND LEGAL PINS MUST BE PROTECTED AND ANY DAMAGE CAUSED BY THE NEGLIGENCE OF THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING IMPROVEMENTS INCLUDING EXISTING LANDSCAPING, FENCES, SIDEWALKS, RETAINING WALLS, ETC. SHALL BE RESTORED TO THE SATISFACTION OF THE CITY OF COQUITLAM. THE CITY OF COQUITLAM MAY REQUIRE WRITTEN ACCEPTANCE BY THE AFFECTED PROPERTY OWNERS FOR RESTORATION WORKS PERFORMED BY THE CONTRACTOR.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNERS FOR A TEMPORARY ENCROACHMENT ON PRIVATE PROPERTY AND A REGISTERED DOCUMENT FOR A PERMANENT ENCROACHMENT.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING THE NECESSARY FIELD SURVEYS TO PERMIT THE LAYOUT, CONSTRUCTION AND MEASUREMENT OF QUANTITIES OF THE WORK FOR PAYMENT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS FIELD SURVEY, WHICH IS DEEMED TO BE INCLUDED IN THE UNIT PRICES TENDERED FOR THE ITEMS IN THE SCHEDULE OF QUANTITIES AND PRICES.

THE CA WILL PROVIDE THE CONTRACTOR WITH CAD FILE WHICH CONTAINS HORIZONTAL AND VERTICAL SURVEY CONTROLS. THE CONTRACTOR SHALL GIVE NOTICE OF HIS SURVEY REQUIREMENTS AT LEAST TWO WORKING DAYS IN ADVANCE OF THE WORK AND SHALL PROTECT AND MAINTAIN THE CONTROLS PROVIDED. THE CONTRACTOR SHALL ENSURE THAT THE AREAS RECEIVING THE CONTROLS ARE UNOBSTRUCTED AND CLEAR OF DEBRIS, EQUIPMENT, EXCAVATIONS AND ANY OTHER WORK PRIOR TO REQUESTING THE CONTROLS. RE-ESTABLISHMENT OF CONTROLS, SURVEY POSTS AND BENCHMARKS WHICH ARE DAMAGED OR LOST SHALL BE AT THE CONTRACTOR'S EXPENSE.

- THE CONTRACTOR SHALL BE RESPONSIBLE IN PROVIDING TRAFFIC CONTROL, SIGNAGE, DELINEATORS, BARRICADES, AND OTHER MISCELLANEOUS WARNING DEVICES AS REQUIRED TO MAINTAIN VEHICLE AND PEDESTRIAN FLOW AND FOR EMERGENCY VEHICLE ACCESS. A TRAFFIC MANAGEMENT PLAN WILL BE PROVIDED AS REQUIRED.
- THE CONTRACTOR IS TO NOTIFY THE CITY OF COQUITLAM ENGINEERING DEPARTMENT AND CA 48 HOURS PRIOR TO CONSTRUCTION AND VERIFY THEY HAVE THE LATEST DRAWINGS ISSUED FOR CONSTRUCTION.
- ALL EXCAVATION WITHIN EXISTING TREE DRIP LINES TO BE BY HAND OR HYDRO-VAC.

- THE CONTRACTOR SHALL KEEP PROPER AS BUILT INFORMATION DURING CONSTRUCTION AND SUBMIT THE INFORMATION TO THE CONTRACT ADMINISTRATOR PRIOR TO THE REQUEST OF SUBSTANTIAL COMPLETION CERTIFICATE. THE CONTRACTOR SHALL PROVIDE TO THE CA ONE (1) SET OF AS-CONSTRUCTED DRAWINGS SHOWING THE LOCATION AND ELEVATION OF ALL NEW AND EXISTING WORKS ENCOUNTERED ON THE PROJECT.
- THE CONTRACTOR SHOULD KEEP RECORDS AND/OR PHOTOS OF EXISTING RETAINING WALLS, TREES, DRIVEWAYS AND WALKWAYS WHERE REQUIRED.
- ALL TREES DESIGNATED TO BE SAVED ARE TO BE PROTECTED BY SNOW FENCING.
- ANY EXISTING SIGNS TEMPORARILY REMOVED DURING CONSTRUCTION WILL BE REINSTATED AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- A RECORD DRAWING TOPOGRAPHICAL SURVEY SHOULD BE COMPLETED AFTER CONSTRUCTION TO PICK UP ALL SURFACE FEATURES.

ENVIRONMENTAL NOTES:

- ALL WORK TO BE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL ENVIRONMENTAL REQUIREMENTS (BEST MANAGEMENT PRACTICES/GUIDELINES), INCLUDING ALL ASSOCIATED WORK AND OTHER WORKS NOT SPECIFIED ON THE CONTRACT DRAWINGS, BUT AS DIRECTED BY THE CONTRACT ADMINISTRATOR TO THE SATISFACTION OF THE PROJECT'S QUALIFIED ENVIRONMENTAL PROFESSIONAL.
- THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR APPROVAL BY THE CITY BEFORE STARTING ANY CONSTRUCTION.
- AN APPROPRIATELY SIZED EMERGENCY SPILL KIT IS TO BE KEPT ON-SITE AT ALL TIMES THE CONTRACTOR IS OPERATING. SPILL KITS MUST INCLUDE BROOMS, SPILL PADS, GLOVES, AND CATCH BASIN BARRIERS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A SPILL RESPONSE PLAN THAT PROVIDES WRITTEN SAFE WORK PROCEDURES IN THE EVENT OF A SPILL.
- CONTRACTOR TO PROVIDE TEMPORARY DRAINAGE AND GRADING AS REQUIRED IN AND AROUND THE SITE TO PROTECT THE EXCAVATION AND WORK AREA DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ANY DRAINAGE FROM INADEQUATE DRAINAGE PROTECTION. THE DISCHARGE OF ANY SUCH TEMPORARY WORKS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ENVIRONMENTAL NOTES.
- CONTRACTOR RESPONSIBLE FOR MEETING ANY CONDITIONS OUTLINED IN THE WSA CHANGE USE APPROVAL AND DFO PERMIT CONDITIONS
- CONTRACTOR IS REQUIRED TO ISOLATE THE WORK AREA FROM FLOWS DURING CONSTRUCTION.
- CONTRACTOR TO SUBMIT A CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN THAT INCLUDES AN EROSION AND CONTROL (ESC) PLAN THAT MUST BE SUBMITTED AT LEAST 14 DAYS AHEAD OF COMMENCEMENT OF WORKS.
- CONTRACTOR TO REVEGETATE ANY DISTURBED VEGETATION AREAS. IT IS RECOMMENDED THAT CLOSE-CUTTING OF VEGETATION BE CONDUCTED WHERE POSSIBLE TO FACILITATE REGENERATION. PLANTING OF TREES IS LIKELY REQUIRED IN ACCORDANCE WITH CITY OF COQUITLAM REQUIREMENTS
- CARE IS TO BE TAKEN TO MINIMIZE DISTURBANCE TO STREAM SIDE VEGETATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING NO SEDIMENT OR SEDIMENT-LADEN WATER, RAW CONCRETE LEACHATE OR OTHER DELETERIOUS SUBSTANCE IS DISCHARGED FROM THE WORKS INTO ANY DITCH, WATERCOURSE, RAVINE AND STORM SEWER SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR TREATING AND FOR THE METHODS USED TO TREAT SEDIMENT-LADEN WATER.
- CONTRACTOR TO MAINTAIN SILT CONTROL FACILITIES FROM CONTRACT START TO FINAL APPROVAL. CONTRACTOR IS RESPONSIBLE FOR TREATING AND FOR THE METHODS USED TO TREAT THE SITE RUNOFF TO ENSURE AT NO TIME DOES THE TOTAL SUSPENDED SOLIDS EXCEED 50 NTU, PH TO BE BETWEEN 6.5-8.5
- AVOID EARTH DISTURBING ACTIVITIES DURING SUBSTANTIAL RAIN EVENTS.
- ALL CATCH BASINS AND LAWN BASINS IN PROXIMITY TO THE SITE ARE TO BE FITTED WITH A SEDIMENT CONTROL DONUT (NILEX MEDIUM - PERMEABILITY 0.38 cms OR APPROVED EQUIVALENT) TO ENSURE STORM WATER QUALITY. CONTROL DEVICES TO BE MAINTAINED IN A FULLY FUNCTIONAL STATE AT ALL TIMES UNTIL FINAL COMPLETION OF THE WORKS.
- CONTRACTOR IS RESPONSIBLE TO INSPECT ALL SILT CONTROL FACILITIES AND TO ENSURE MAINTENANCE OF ALL FACILITIES TO COMPLETION OF PROJECT.
- SILT FENCE/FILTER FABRIC TO BE AMOCO 2130 AND AMOCO 4535 (C-10) RESPECTIVELY OR APPROVED EQUIVALENT.
- ALL DISTURBED SLOPES TO BE PROTECTED WITH MIN. 150mm TOPSOIL AND HYDROSEEDDED WITH THE PREMIER 100% NATIVE COASTAL RIPARIAN GRASS MIX WITH RAINER FIBER PLUS TACKIFIER WOOD FIBRE MULCH.
- ALL TREES TO BE RETAINED UNLESS SPECIFICALLY NOTED FOR REMOVAL ON DRAWING. IF REMOVAL IS REQUIRED FOR CONSTRUCTION, CONTRACTOR TO REVIEW AND CONFIRM WITH ENVIRONMENTAL OPERATIONS PRIOR TO PROCEEDING.
- VEGETATION TO BE REPLANTED AS PER ENVIRONMENTAL SPECIFICATIONS

EROSION AND SEDIMENT CONTROL NOTES:

- THE CONTRACTOR SHALL PROVIDE A FULL EROSION AND SEDIMENT CONTROL PLAN TO THE CITY OF COQUITLAM PRIOR TO CONSTRUCTION. THE ESC DETAILS PROVIDED ON DWG. 25-0688-P1 ARE NOT FULLY COMPREHENSIVE AND SHOULD BE CONFIRMED BY THE CONTRACTOR AS PART OF THEIR ESC PLAN. CONDUCT ALL SILTATION CONTROL WORK TO THE REQUIREMENTS OF THE PROVINCIAL MINISTRY OF ENVIRONMENT AND THE FEDERAL DEPARTMENT OF FISHERIES AND OCEANS CANADA AND OTHER AGENCIES.
- STOCKPILE ON-SITE AT VARIOUS STRATEGIC LOCATIONS. ADEQUATE SUPPLIES OF ALL MATERIALS REQUIRED TO PROTECT DOWNSTREAM WATERCOURSES FROM SILTATION.
- REPAIR MACHINE TRACKS OR OTHER SURFACE DEFORMATIONS WHICH TEND TO ALTER DRAINAGE PATHS OR CONCENTRATE DRAINAGE IN SUCH A WAY AS TO INCREASE EROSION.
- ASSESS AND REVIEW THE EFFECTIVENESS OF TEMPORARY SEDIMENT CONTROL MEASURES AND DETERMINE THE NEED FOR ADDITIONAL MEASURES ON A CONTINUING BASIS.
- INSPECT AND MAINTAIN SILTATION CONTROL ON A DAILY BASIS.
- CORRECT DEFICIENCIES IN EROSION AND SEDIMENTATION CONTROL IMMEDIATELY. IF THE CONTRACTOR FAILS TO CORRECT THE DEFICIENCIES IN EROSION AND SEDIMENTATION CONTROL, THIS DEFAULT MAY BE CORRECTED BY THE OWNER AT THE CONTRACTOR'S EXPENSE.
- LOCATION AND FREQUENCY OF INTERCEPTOR DITCHES (IF REQUIRED) TO BE DETERMINED IN THE FIELD BY THE ENGINEER. INSTALL SILT FENCES, AND DRAIN ROCK BARRIERS AS REQUIRED TO ARREST MIGRATION OF SILTS IN INTERCEPTOR DITCHES.
- RUNOFF FROM SOIL STOCKPILES AND EXPOSED EARTH SLOPES SHALL BE CONTROLLED.
- DEPOSIT AND RELEASE OF RAW CONCRETE AND CONCRETE WASH IS FORBIDDEN.
- THE FILTER FABRIC OR GEOTEXTILE FOR USE AS EROSION AND SEDIMENT CONTROL MAY BE A PERVIOUS SHEET OF SLIT FILM, WOVEN POLYPROPYLENE, NYLON, POLYESTER, OR ETHYLENE YARN, HAVING THE FOLLOWING PROPERTIES:
 - MINIMUM FILTERING EFFICIENCY - 90%
 - MINIMUM FLOW RATE - 0.012 m³/m²/minute
 - MINIMUM GRAB TENSILE STRENGTH - 700 N
 - MINIMUM EQUIVALENT OPENING SIZE - 0.15 mm (MEDIAN 0.21mm)
- ALL WORK SHALL BE UNDERTAKEN AND COMPLETED IN SUCH A MANNER AS TO PREVENT THE RELEASE OF SEDIMENT LADEN WATER INTO ANY DOWNSTREAM WATERCOURSE OR STORM SEWER. ANY IRREGULARITIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL LOCATIONS AND ELEVATIONS OF EXIST. UNDERGROUND SERVICES HAVE BEEN DETERMINED FROM AS-CONSTRUCTED DRAWINGS AND THE ENGINEER CANNOT BE HELD RESPONSIBLE FOR THEIR ACCURACY. THE CONTRACTOR IS TO VERIFY THE LOCATIONS OF ALL EXISTING ON-SITE AND OFF-SITE SERVICES AND TIE-IN POINTS PRIOR TO CONSTRUCTION AND TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, CONFLICTS OF OMISSIONS.
- NON-POTABLE WATER IS TO BE SPRAYED ON SITE, AS NEEDED, TO ABATE DUST MIGRATION (E.G. DURING DRY AND WINDY SUMMER DAYS). ENVIRONMENTALLY FRIENDLY ADDITIVES MAY BE USED UNDER GUIDANCE OF THE QEP AND MAY REDUCE WATERING FREQUENCY. OTHER DUST SUPPRESSION MEASURES INCLUDE SEEDING BARE SOILS OR TOPPING THEM WITH GRAVEL AND COVERING STOCKPILES WITH TARPS OR POLY.
- REFER TO MMCD SPECIFICATIONS SECTION 01 57 01 FOR GENERAL REQUIREMENTS FOR TEMPORARY CONTROLS AND ENVIRONMENTAL PROTECTION.
- A QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) MUST CONDUCT WEEKLY WATER QUALITY TESTING OF ALL WATER LEAVING THE SITE, INCLUDING MEASUREMENTS FOR TURBIDITY, PH, AND DISSOLVED OXYGEN, AND ALL RESULTS MUST COMPLY WITH THE BC WATER QUALITY GUIDELINES FOR FRESH WATER AQUATIC LIFE.
- THE QEP IS ALSO REQUIRED TO PERFORM WEEKLY ASSESSMENTS OF THE SITE TO EVALUATE THE EFFECTIVENESS OF ALL TEMPORARY SEDIMENT CONTROL MEASURES, AND ANY DEFICIENCIES MUST BE ADDRESSED PROMPTLY TO MAINTAIN COMPLIANCE.
- SEDIMENT-LADEN WATER FROM THE SITE MUST NOT BE PUMPED INTO A STORM SEWER SYSTEM, WATERCOURSE, OR ANY OTHER DRAINAGE SYSTEM IN A MANNER THAT BYPASSES THE EROSION AND SEDIMENT CONTROL (ESC) SYSTEM.

DECOMMISSIONING OF SEDIMENT CONTROL FACILITIES

- ACCUMULATED SILT AND SEDIMENT WITHIN THE CONTROL SYSTEMS TO BE REMOVED AND DISPOSED OFF-SITE, AT AN APPROVED DISPOSAL SITE.
- EXCAVATIONS FOR SEDIMENT CONTROL TO BE BACKFILLED WITH APPROVED NATIVE MATERIAL, OR PIT RUN GRAVEL, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- DECOMMISSIONING CANNOT OCCUR WITHOUT THE RECOMMENDATION OF THE ENGINEER AND QEP AND APPROVAL FROM THE CITY OF COQUITLAM.

MAINTENANCE AND MONITORING REQUIREMENTS

- THE CONTRACTOR SHALL PROVIDE A FULL EROSION AND SEDIMENT CONTROL PLAN TO THE CITY OF COQUITLAM PRIOR TO CONSTRUCTION. THE SYSTEM MUST BE INSPECTED BY THE INSPECTOR TO ENSURE IT IS INSTALLED/CONSTRUCTED IN ACCORDANCE WITH APPROVED DRAWINGS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE EFFECTIVE MAINTENANCE AND OPERATION OF THE SEDIMENT CONTROL MEASURES.

PROPERTY	ASTM TEST DESIGNATION	ALLOWABLE VALUE
SPECIFIC GRAVITY	D6473	≥2.50
ABSORPTION	D6473	≤2%
SOUNDNESS BY USE OF MAGNESIUM SULPHATE	D5240	≤10% (FOLLOWING 5 CYCLES)
MICRO-DEVAL ABRASION LOSS FACTOR	D6928	≤20%

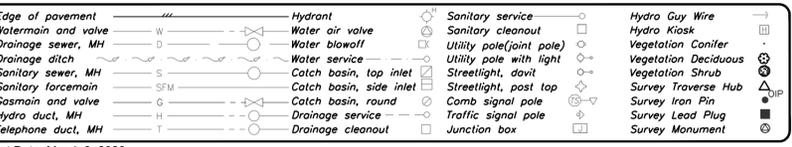
CLASS OF RIPRAP (kg)	ROCK MASS (kg)			
	PERCENTAGE SMALLER THAN GIVEN ROCK MASS			MAX SIZE
	15%	50%	85%	
100	10	100	300	500

CLASS OF RIPRAP (kg)	INTERMEDIATE DIMENSION (mm)				
	PERCENTAGE SMALLER THAN INTERMEDIATE DIMENSION				MAX SIZE
	15%	50%	85%		
100	200	425	610	750	

NOTE: TABLE C SHOWS THE INTERMEDIATE DIMENSION AS DEFINED IN THE WOLMAN METHOD AS PER FHWA FLH T 521 CORRESPONDING TO ROCK MASS SHOWN IN TABLE B. BASED ON SPHERICAL VOLUME, USING SPECIFIC GRAVITY = 2.50. REGARDLESS OF ACTUAL SOURCE SPECIFIC GRAVITY, THE DIMENSIONS INDICATED REMAIN APPLICABLE (SUBJECT TO LIMITS SPECIFIED IN TABLE A)

NOT FOR CONSTRUCTION

NOT TO SCALE
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No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date
JT	2025-12-11



Scale	horiz.	N.T.S.	Scale	vert.	N.T.S.
Sheet	1	of	6		
Eng. Project No.	80308				

Project: **HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD**

Description: **GENERAL NOTES AND LEGEND**

File: **25-0688-N1**

REV: **B**

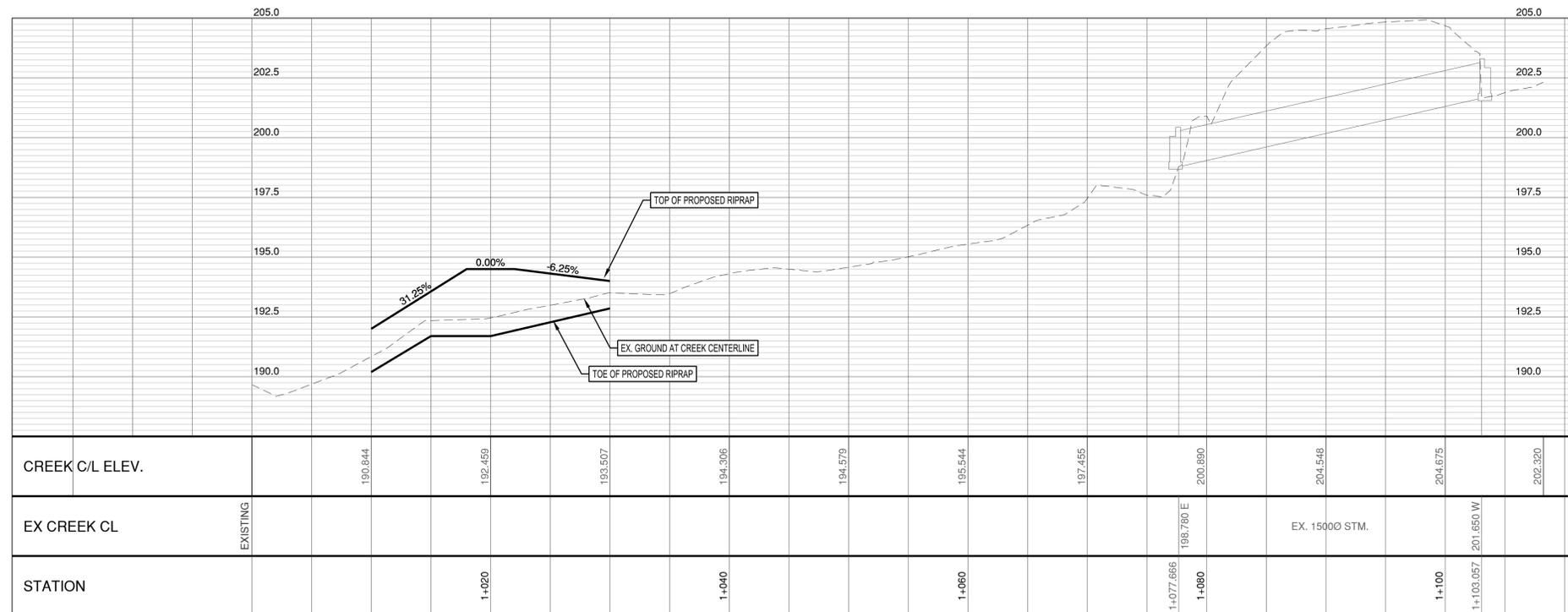
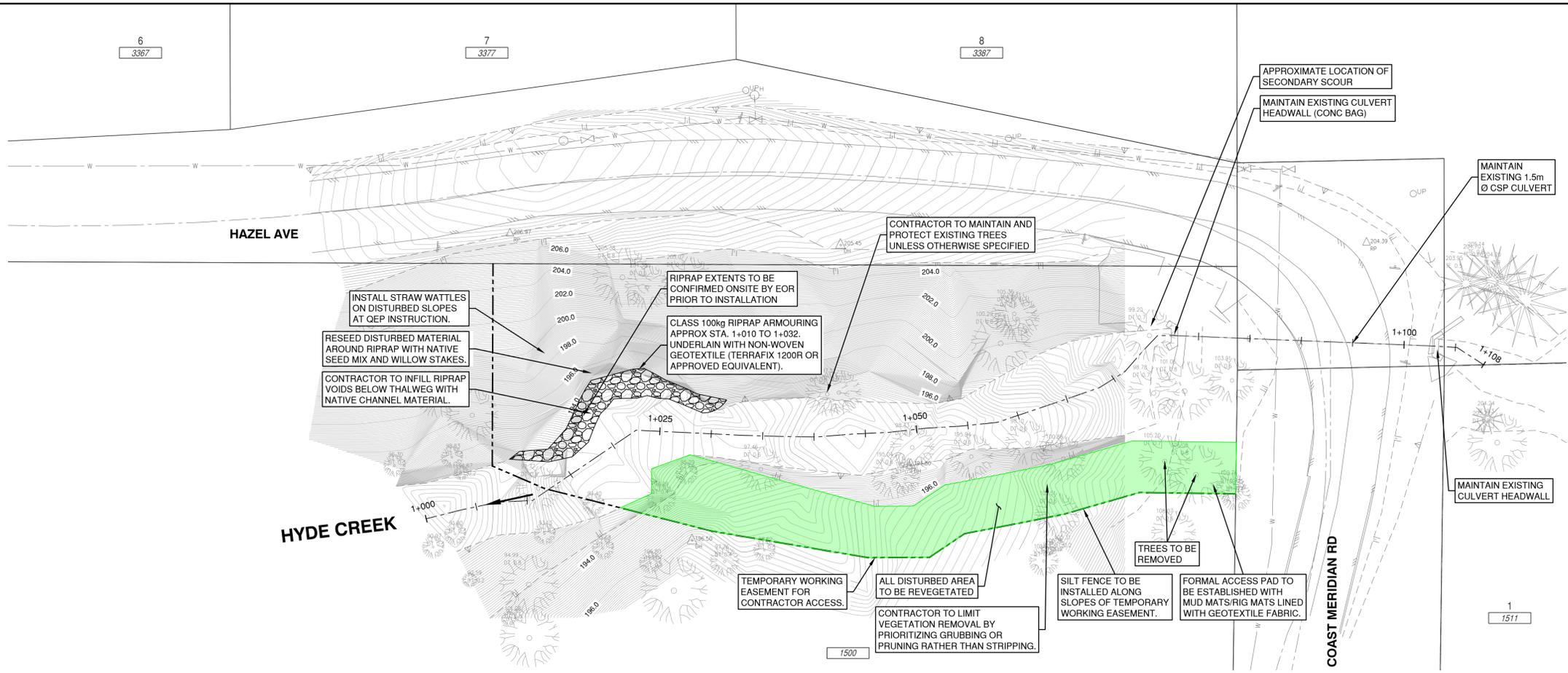


EGBC PERMIT No. 1001128

ISSUED FOR TENDER

FILE: P:\2025\25-0688\05 - CAD FILES\DRIP\N125-0688 - COND.DWG - LAYOUT - GENERAL NOTES AND LEGEND - PLOTTED: 2026-03-03 8:12:22 AM BY: SYMBOOF - LAST SAVED BY: SYMBOOF

BENCHMARK:
 MON. 73H0458 LOCATED AT C/L OF
 COAST MERIDIAN RD AT DRIVEWAY TO #1511
 ELEV: 210.851 (CVD28GVRD2018)



NOT FOR CONSTRUCTION

0 H 1:250 10m
 0 V 1:125 5m

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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Conifer
Drainage ditch	Utility pole with light	Vegetation Deciduous	Vegetation Shrub
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, down	Survey Traverse Hub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Iron Pin
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Lead Plug
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Monument
Telephone duct, MH	Drainage cleanout	Junction box	

No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date
JT	2025-12-11



Scale horiz.	1:250	Scale vert.	1:125
Sheet	2	of	6
Eng. Project No.	80308		

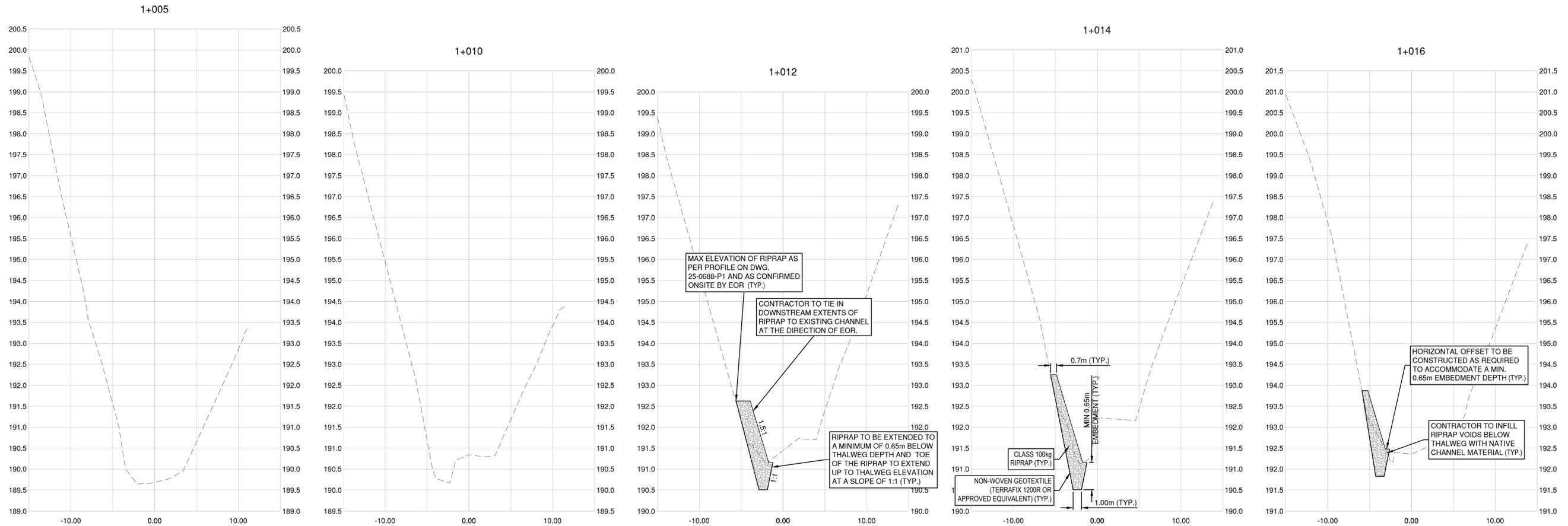
Project	HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD		
Description	PLAN PROFILE		
File:	25-0688-P1	REV.	B



EGBC PERMIT No. 1001128

ISSUED FOR TENDER

BENCHMARK:
 MON. 73H0458 LOCATED AT C/L OF
 COAST MERIDIAN RD AT DRIVEWAY TO #1511
 ELEV: 210.851 (CVD28GVRD2018)



NOT FOR CONSTRUCTION

Scale: H 1:250, V 1:50. 0 10m 2m. DISCLAIMER: This drawing must not be reproduced without the written permission of R.F. Binnie & Associates Ltd. This drawing is not to be used for construction unless it is stamped "ISSUED FOR CONSTRUCTION" and signed by R.F. Binnie & Associates Ltd. It is the contractor's responsibility to ensure that he is in possession of the latest revision of this drawing.

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Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Canister
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, down	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Catch basin, round	Comb signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date
JT	2025-12-11



Scale	1:250	Scale	1:50
horiz.		vert.	
Sheet	3	of	6
Eng. Project No.	80308		

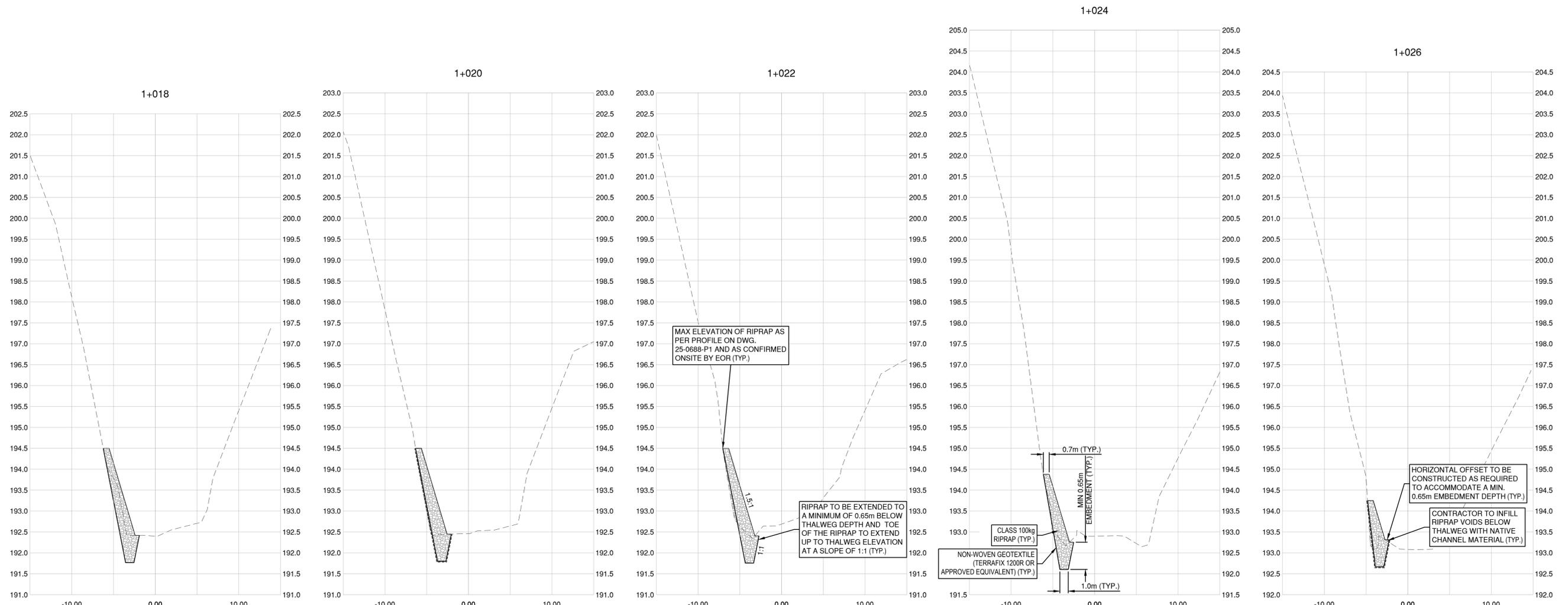
Project	HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD		
Description	CROSS SECTIONS		
File:	25-0688-XS1-1		
REV.	B		



EGBC PERMIT No. 1001128

ISSUED FOR TENDER

BENCHMARK:
 MON. 73H0458 LOCATED AT C/L OF
 COAST MERIDIAN RD AT DRIVEWAY TO #1511
 ELEV: 210.851 (CVD28GVRD2018)



NOT FOR CONSTRUCTION

0 H 1:250 10m
 0 V 1:50 2m
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Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage ditch	Water blowoff	Utility pole(joint pole)	Vegetation Canister
Sanitary sewer, MH	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, down	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Comb signal pole	Traffic signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date
JT	2025-12-11



Scale	1:250	Scale	1:50
horiz.		vert.	
Sheet	4	of	6
Eng. Project No.	80308		

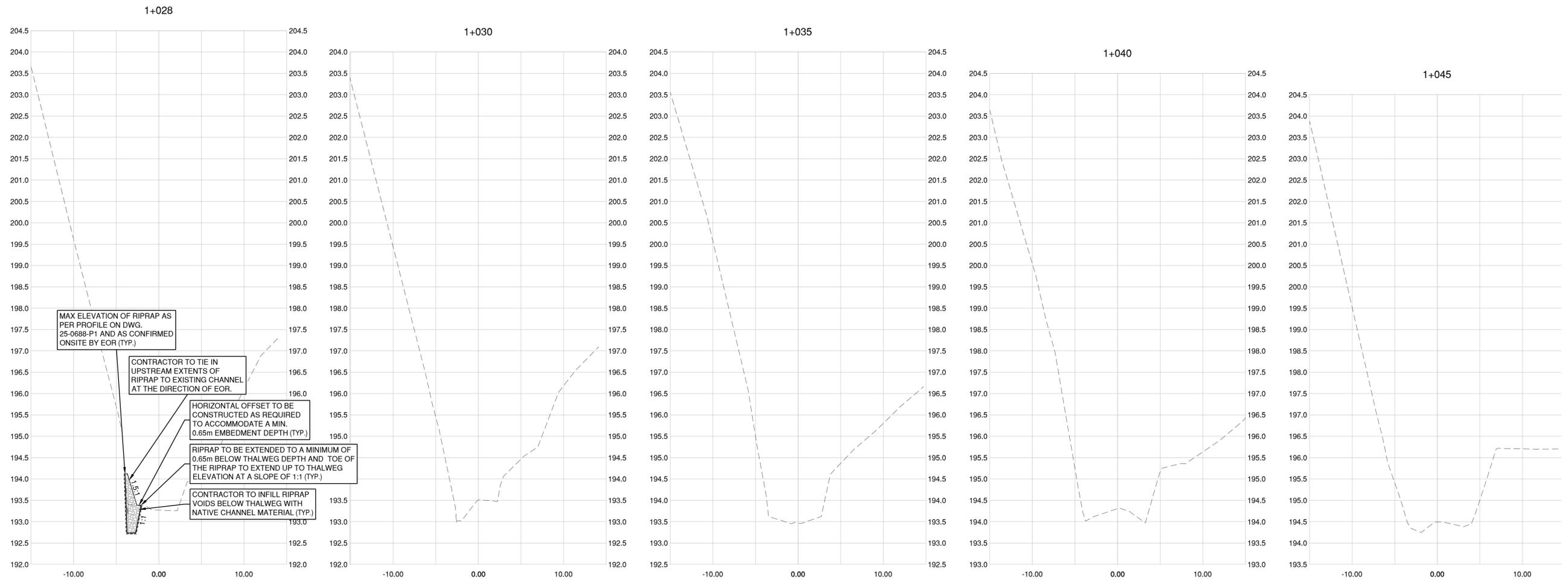
Project	HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD		
Description	CROSS SECTIONS		
File:	25-0688-XS1-2		
REV.	B		



EGBC PERMIT No. 1001128

ISSUED FOR TENDER

BENCHMARK:
 MON. 73H0458 LOCATED AT C/L OF
 COAST MERIDIAN RD AT DRIVEWAY TO #1511
 ELEV: 210.851 (CVD28GVRD2018)



NOT FOR CONSTRUCTION

0 H 1:250 10m
 0 V 1:50 2m
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EGBC PERMIT No. 1001128

ISSUED FOR TENDER

Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, down	Vegetation Shrub
Sanitary forcemain	Catch basin, side inlet	Streetlight, post top	Survey Traverse Hub
Gasmain and valve	Comb signal pole	Traffic signal pole	Survey Iron Pin
Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

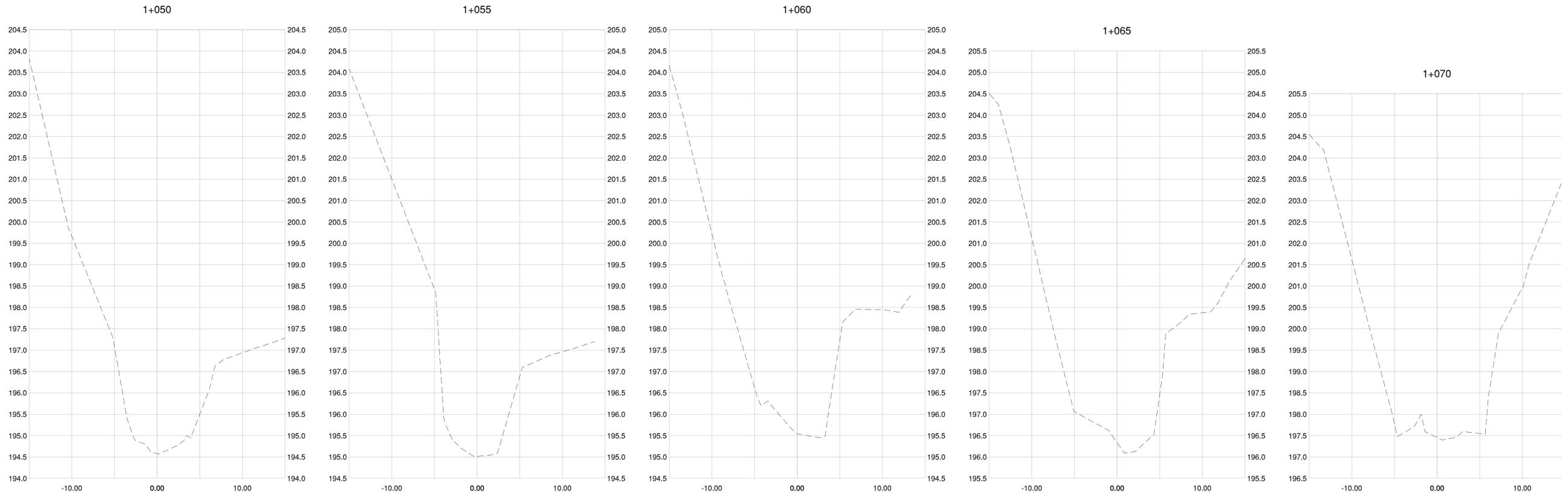
Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date
JT	2025-12-11



Scale	1:250	Scale	1:50
horiz.		vert.	
Sheet	5	of	6
Eng. Project No.	80308		

Project	HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD		
Description	CROSS SECTIONS		
File:	25-0688-XS1-3	REV.	B

BENCHMARK:
 MON. 73H0458 LOCATED AT C/L OF
 COAST MERIDIAN RD AT DRIVEWAY TO #1511
 ELEV: 210.851 (CVD28GVRD2018)



NOT FOR CONSTRUCTION

0 H 1:250 10m
 0 V 1:50 2m
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EGBC PERMIT No. 1001128

ISSUED FOR TENDER

Edge of pavement	Hydrant	Sanitary service	Hydro Guy Wire
Watermain and valve	Water air valve	Sanitary cleanout	Hydro Kiosk
Drainage sewer, MH	Water blowoff	Utility pole(joint pole)	Vegetation Conifer
Drainage ditch	Water service	Utility pole with light	Vegetation Deciduous
Sanitary sewer, MH	Catch basin, top inlet	Streetlight, down	Vegetation Shrub
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Hydro duct, MH	Drainage service	Traffic signal pole	Survey Lead Plug
Telephone duct, MH	Drainage cleanout	Junction box	Survey Monument

No.	Date	By	Revisions
B	2026-03-03	JT	ISSUED FOR TENDER
A	2025-12-11	HL	PRELIMINARY DESIGN

Design by	Date
GB	2025-12-11
Drawn by	Date
HL	2025-12-11
Checked by	Date
JT	2025-12-11
Approved by	Date



Scale	1:250	Scale	1:50
horiz.		vert.	
Sheet	6	of	6
Eng. Project No.	80308		

Project	HYDE CREEK EROSION PROTECTION HAZEL AVE & COAST MERIDIAN RD		
Description	CROSS SECTIONS		
File:	25-0688-XS1-4	REV.	B