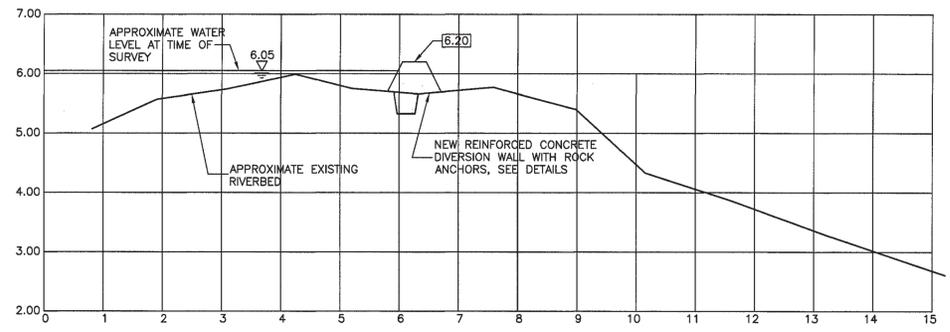
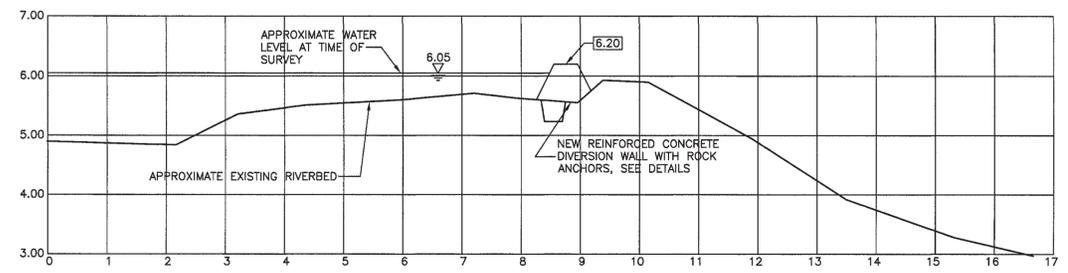


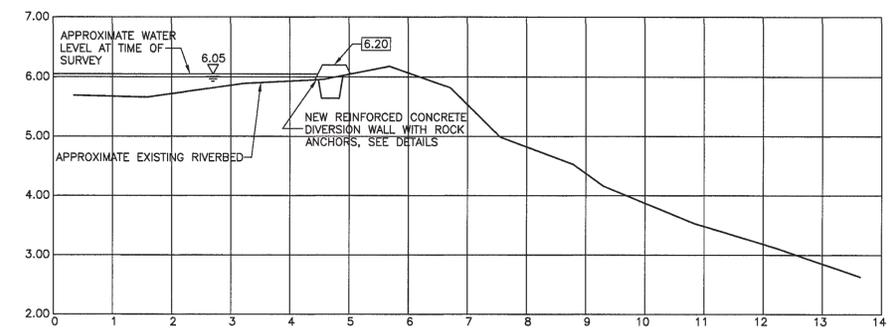
1 DIVERSION WALL #1 - PROFILE
SCALE: 1:50
0m 1m 2m 3m 4m 5m



3 DIVERSION WALL #1 - SECTION
SCALE: 1:50
0m 1m 2m 3m 4m 5m



2 DIVERSION WALL #1 - SECTION
SCALE: 1:50
0m 1m 2m 3m 4m 5m



4 DIVERSION WALL #1 - SECTION
SCALE: 1:50
0m 1m 2m 3m 4m 5m

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. ALL ELEVATIONS IN METERS.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
4. ICE AND DEBRIS LOADING FOR DIVERSION WALLS AND CONTROL STRUCTURE DESIGN IS 65 kN/m (FACTORED) ACTING AT TOP OF WALL.
5. REMOVE LOOSE AND FRAGMENTED ROCK TO EXPOSE A SOUND COMPETENT BEDROCK SURFACE TO ACCEPTANCE OF THE DEPARTMENTAL REPRESENTATIVE PRIOR TO THE PLACEMENT OF CONCRETE ON ROCK. APPLY BONDING AGENT "WELDCRETE" OR APPROVED EQUAL TO ALL CONCRETE/ROCK INTERFACES.
6. ALL EDGES OF CONCRETE TO BE PROVIDED WITH A ROUNDED CHAMFER TO ELIMINATE ALL SHARP EDGES.
7. PROVIDE REINFORCEMENT AT ALL CORNERS AND INTERSECTIONS TO BE SAME BAR SIZE AND SPACING AS MAIN REINFORCEMENT.
8. MINIMUM SPLICE LENGTHS IN ACCORDANCE WITH CSA STANDARD A23.3-04.
9. CONCRETE COVER TO BE 75mm ALL AREAS, ALL CONDITIONS.
10. MINIMUM 28 DAY CONCRETE STRENGTH = 35 MPa.
11. REINFORCING STEEL YIELD STRENGTH = 400 MPa.
12. REINFORCEMENT AND ROCK ANCHORS OMITTED ON THIS DRAWING FOR CLARITY. REFER TO APPROPRIATE DETAILS ACCORDINGLY.
13. ALL CONCRETE CONSTRUCTION JOINTS TO BE FORMED WITH A KEYWAY, THE BONDING SURFACES INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 5mm.
14. BONDING AGENT TO BE "WELDCRETE" OR APPROVED EQUAL. BONDING AGENT TO BE APPLIED TO ALL EXISTING CONCRETE AND ROCK INTERFACES.
15. MINIMUM STRENGTH OF GROUT TO BE 40 MPa.
16. CONTRACTOR TO CONFIRM ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION AND NOTIFY DEPARTMENTAL REPRESENTATIVE OF ANY DISCREPANCIES.
17. DEPARTMENTAL REPRESENTATIVE TO INSPECT ALL ROCK ANCHOR LOCATIONS PRIOR TO DRILLING.
18. CONFIRM EXACT LOCATION OF NEW DIVERSION WALLS ON-SITE WITH THE DEPARTMENTAL REPRESENTATIVE AFTER DE-WATERING OF THE WORK AREAS IS COMPLETED. THE LOCATION AND/OR ELEVATION OF THE NEW CONCRETE STRUCTURES MAY REQUIRE SOME ADJUSTMENTS TO THAT SHOWN ON THESE DRAWINGS. PROVIDE ADEQUATE NOTICE TO THE DEPARTMENTAL REPRESENTATIVE TO COORDINATE A SITE VISIT.
19. ALL NEW PLACED CONCRETE TO BE TINTED TO MATCH THE EXISTING TERRAIN AND TO LOOK AS NATURAL AS POSSIBLE. CONTRACTOR SHALL PROVIDE SAMPLES AND COORDINATE IN THE FIELD WITH THE DEPARTMENTAL REPRESENTATIVE PRIOR TO POURING.
20. CONSTRUCT FORMWORK SUCH THAT THE NEWLY PLACED CONCRETE MATCHES THE EXISTING TERRAIN AND LOOKS AS NATURAL AS POSSIBLE. COORDINATE IN THE FIELD WITH DEPARTMENTAL REPRESENTATIVE.

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 Member No. 04378
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEG No. 1463
 which is valid for the year 2012.



C	ISSUED FOR TENDER	17/02/22
B	ISSUED FOR 99% REVIEW	16/12/20
A	ISSUED FOR 33% REVIEW	16/11/20
revisions		date
project		project

**FISHWAY ENHANCEMENT
 ROCKY RIVER 2017
 COLINET, NL**

**DIVERSION WALL -
 PROFILE AND SECTIONS**

designed C. FISHER	concur
date OCTOBER, 2016	
drown R. SNOW	designe
date OCTOBER, 2016	
approved	approve
date	
Tender	Submission
DFO Project Manager	Administrateur de projets MPO
project number	no. du projet
F6879- 171001	
drawing no.	no. du dessin
C3 OF 5	