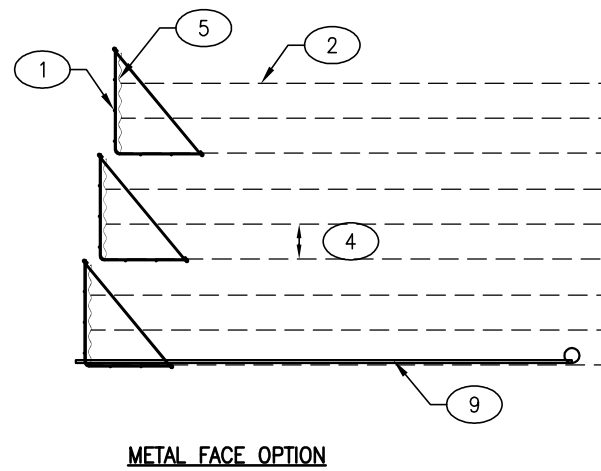
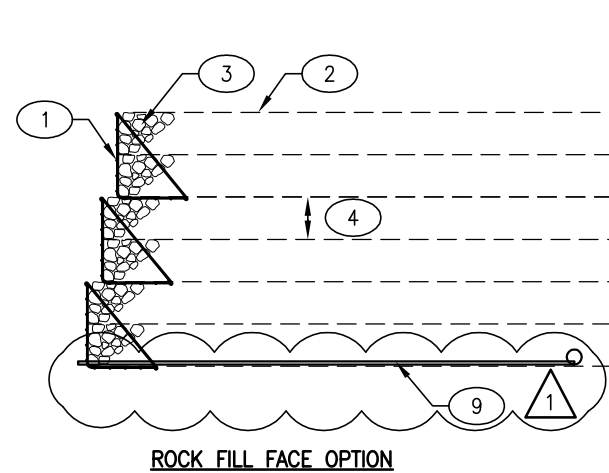
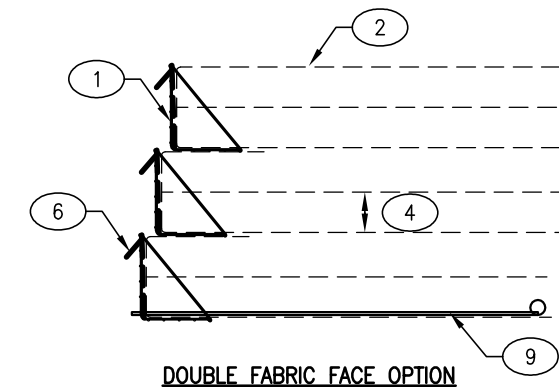


RETAINED HEADWALLS AND WINGWALLS FOR INLET AND OUTLET ENDS

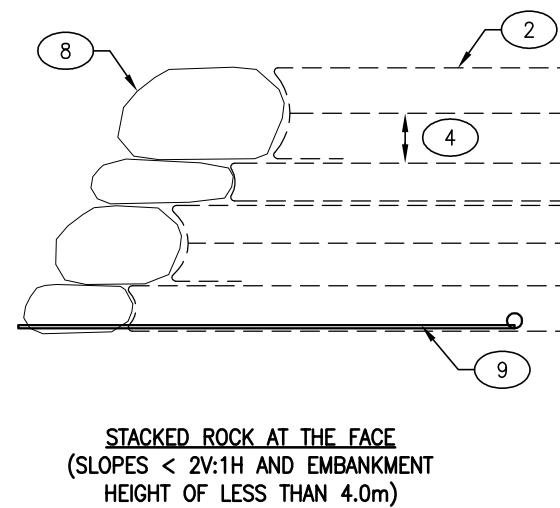
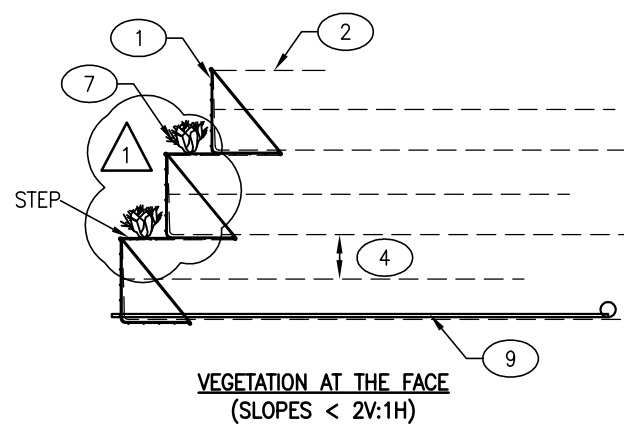
A. DURABLE MATERIALS AT THE FACE FOR PERMANENT TERM FSRs



B. DOUBLE LAYERED GEOTEXTILE FABRIC AT THE FACE FOR TEMPORARY TERM FSRs



REINFORCED SOIL SLOPES FOR INLET AND OUTLET ENDS



**ASSUME NOT TO SCALE
ORIGINAL SIGNED AND SEALED**

CONCEPT DRAWINGS ONLY -
NOT FOR CONSTRUCTION

LEGEND

- ① - WELDED WIRE MESH FORM, SET BACK DISTANCE TO SUIT SITE REQUIREMENTS, NEGATIVE SET BACKS NOT PERMITTED
- ② - WOVEN GEOTEXTILE FABRIC 30kN/m (MIN.) WIDETHWIDTH TENSILE STRENGTH (ASTM D4595)
- ③ - BROKEN ROCK OR COBBLE FILL
- ④ - TYPICAL FABRIC SPACING LESS THAN 0.3m
- ⑤ - GALVANIZED CORRUGATED METAL SHEETING MANUFACTURED IN ACCORDANCE WITH CAN/CSA-G401-07
- ⑥ - NON-WOVEN GEOTEXTILE 890N MIN. GRAB TENSILE STRENGTH (ASTM D4632), 580N MIN. PUNCTURE STRENGTH (ASTM D4833) IN FRONT OF WOVEN GEOTEXTILE
- ⑦ - SPECIFIED VEGETATION PLANTED ON BENCH, TYPICALLY 0.28m WIDE, TYPICALLY CONSISTING OF GRASSES, LEGUMES AND WOODY SPECIES AS NOTED ON DESIGN DRAWINGS. MONITOR VEGETATION TO CONFIRM IT IS ESTABLISHED IN GENERAL CONFORMANCE WITH THE DESIGN
- ⑧ - STACKED DURABLE ROCK - BOULDERS OR BROKEN ROCK (RIPRAP)
- ⑨ - WALL DRAINAGE AS REQUIRED CONSISTING OF PERFORATED PIPE(S) AND/OR GEOSYNTHETIC COMPOSITE DRAIN(S)

SCALE AS SHOWN

Designed: CVB Date: JULY 2011
Checked: CVB Date: JULY 2011
Drawn: HM Date: JULY 2011

Rev	Date	DESCRIPTION	Init
1	June 2015	Drainage detail added	HM

REVISIONS



Province of British Columbia
MINISTRY OF FOREST, LANDS AND NATURAL
RESOURCE OPERATIONS
ENGINEERING BRANCH

STANDARD BRIDGE DRAWING

Terraspan® GRS Arch™ Structure—Conceptual Only

Inlet and Outlet Details

ORIGINAL SIGNED and SEALED BY:

Calvin VanBuskirk, P.Eng., P.Geo.

APPROVED BY:

DESIGN ENGINEER Calvin VanBuskirk, P.Eng., P.Geo.

FLNR ENGINEER

DATE June 2015

DATE

FILE No.

DRAWING No.

STD-C-050-05

1

CANCEL PRINTS BEARING
PREVIOUS NUMBER