RETAINED HEADWALLS AND WINGWALLS FOR INLET AND OUTLET ENDS

A. DURABLE MATERIALS AT THE FACE FOR PERMANENT TERM FSRs

1. Rock fill face option
2. Metal face option

B. DOUBLE LAYERED GEOFABRIC AT THE FACE FOR TEMPORARY TERM FSRs

REINFORCED SOIL SLOPES FOR INLET AND OUTLET ENDS

1. Vegetation at the face (slopes < 20:1V)
2. Stacked rock at the face (slopes < 20:1V and embankment height of less than 4.0m)

LEGEND
1. Welded wire mesh form, set back distance to suit site requirements; negative set backs not permitted
2. Woven g eotextile fabric 35kN/m (min.) midwidth tensile strength (ASTM D4563)
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-G40.21-07
6. Non-woven g eotextile from min. grain tensile strength (ASTM D4563), 50kN min. puncture strength (ASTM D4563) in front of woven g eotextile
7. Specified vegetation planted on embankment, typically consisting of grasses, legumes, woody species as noted on design drawings. Monitor vegetation to confirm it is established in general conformance with the design
8. Stacked durable rock - builders or broken rock (RHRAP)
9. Wall drainage as required consisting of perforated pipe(s) and/or geosynthetic composite drain(s)

ASSUME NOT TO SCALE
CONCEPT DRAWINGS ONLY - NOT FOR CONSTRUCTION

STANDARD BRIDGE DRAWING
Province of British Columbia
MINISTRY OF FOREST, LANDS AND NATURAL RESOURCE OPERATIONS
DESIGN ENGINEERING

Scale as shown
Terasen® GRS Arch® Structure-Conceptual Only
Inlet and Outlet Details

June 2016

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