DRAINAGE DETAILS

FILTER CLOTH TO CONFORM WITH TABLE 720-1 FOR LIGHT RIPRAP DRAINAGE

SELECT BACKFILL MATERIAL

DRAIN ROCK

FILTER CLOTH

PERFORATED PIPE IF SPECIFIED

UNDERDRAIN DETAILS

OUTLET PIPE CONNECTION

OUTLET PIPE CONNECTION

HALF CIRCLE

OUTLET PIPE CONNECTION

CONNECTING BAND

REGULAR ELBOW

FILTER CLOTH

24mm WASHERS 2 PLACES

22mm x 76mm BOLT & NUT

INSIDE

OUTSIDE

BOLT DETAIL

22mm x 76mm BOLT & NUT

SIDE VIEW

HINGED ELBOW

OUTLET PIPE

76mm WASHER 2 PLACES

OUTLET PIPE CONNECTION

1/30

1/60

1/30

1/30

1/60

1/30

1/60

PROJECT SHEET TOTAL SHEETS

DIRECT ELEVATION

1/4S OR 1/4D, 0.3m MIN

FILL SLOPE

150mm

HAND PLACED RIPRAP SHALL HAVE A MINIMUM THICKNESS OF 200mm

VERTICAL

SUB-GRD

A

B

1.2m

VARIABLE

A

0.3m

MACHINE PLACED RIPRAP FOR INLET DITCH

SECTION A-A

EDGEOFRoad

CONNECTING BAND

FITTINGS WILL HAVE SUFFICIENT LENGTH FOR ATTACHING STANDARD CONNECTING BANDS

SEE CULVERT LISTING SHEET AND CULVERT CONSTRUCTION DETAILS SHEET FOR SPECIAL ANCHORING.

FREAR W/ PIPE D OR S

D OR S

D OR S

D OR S

D OR S

SECTION A-A

INLET RIPRAP FOR TYPE 2 & 3 INSTALLATION

CULVERT

HAND PLACED RIPRAP, PLACE RIPRAP TO A THICKNESS OF 500mm

NOTE: IN NARROW CHANNELS ADJUST RIPRAP STREAM

CROUETED OR HAND-PLACED RIPRAP HEADWALLS

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