NOTES

1. CONCRETE STRENGTH N25.
2. CONSTRUCT GULLY PIT TO SUIT DIRECTION OF FLOW.
3. PLACE GEOTEXTILE FILTER FABRIC AS SPECIFIED UNDER ALL ROCK FILLED WIRE MATTRESS.
4. ON ROCK FACED BATTERS TERMINATE DRAIN AT TOP OF ROCK FACING.

EXPANSION JOINT
SLIP MESH
EXPANSION JOINT

SECTION
NOT TO SCALE

PLAN

SECTION
NOT TO SCALE

DETAIL OF SPILLWAY OUTLET
NOTES

1. TOP LIP OF HALF ROUND CORRUGATED STEEL PIPE TO BE INSTALLED FLUSH WITH THE COMPACTED BATTER SURFACE.
2. ROCK FILLED MATTRESS TO BE PINNED TO EACH CORNER WITH A 1350 mm STAR PICKET.
3. HALF ROUND CORRUGATED STEEL PIPE TO BE FASTENED WITH R1350 x 135 mm STAR PICKETS AT BOTH INLET AND OUTLET ENDS OF PIPE.
PIPE DIAMETER

HALF ROUND CSP DIAMETER #

CONCRETE QUANTITY #

<table>
<thead>
<tr>
<th>PIPE DIAMETER</th>
<th>HALF ROUND CSP DIAMETER #</th>
<th>CONCRETE QUANTITY #</th>
</tr>
</thead>
<tbody>
<tr>
<td>300</td>
<td>300</td>
<td>1.12</td>
</tr>
<tr>
<td>375</td>
<td>375</td>
<td>0.18</td>
</tr>
<tr>
<td>400</td>
<td>400</td>
<td>0.21</td>
</tr>
<tr>
<td>425</td>
<td>425</td>
<td>0.25</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
<td>0.31</td>
</tr>
<tr>
<td>600</td>
<td>600</td>
<td>0.42</td>
</tr>
<tr>
<td>700</td>
<td>700</td>
<td>0.50</td>
</tr>
</tbody>
</table>

# DESIRABLE MINIMUM ONLY

REFER TO DRAINAGE PLAN FOR ACTUAL DIAMETER.

NOTES

1. TOP UP OF HALF ROUND CORRUGATED STEEL PIPE TO BE INSTALLED FLUSH WITH THE COMPACTED BATTER SURFACE.

2. ROCK FILLED MATTRESS TO BE PLACED AT EACH END WITH A 1350 mm STAR PICKET.

3. HALF ROUND CORRUGATED STEEL PIPE TO BE FASTENED WITH A 1/2" WIRE TO TWO 1350 mm STAR PICKETS AT LOWER END OF CORRUGATED STEEL PIPE (CSP).

4. 1350 mm STAR PICKETS TO BE PROVIDED AT POINTS MARKED FOR FASTENING PURPOSES.

5. CONCRETE STRENGTH TO BE N25.
NOTES
1. TOP UP OF HALF ROUND CORRUGATED STEEL PIPE TO BE INSTALLED
   FULLY WITH THE COMPACTED BATTER SURFACE.
2. ROCK FILLED MATTRESS TO BE Pegged AT EACH CORNER WITH A
   100 x 500 mm STAR PICKET.
3. HALF ROUND CORRUGATED STEEL PIPE TO BE FASTENED WITH 8 GAUGE
   WIRE TO TWO 1350 mm STAR PICKETS AT OUTLET END OF PIPE.
4. CONCRETE STRENGTH GRADE SHALL BE N25.
5. CONSTRUCT GULLY PIT TO SUIT DIRECTION OF FLOW
6. PLACE FILTER FABRIC UNDER ALL ROCK FILLED MATTRESS.
7. WHERE CORRUGATED BATTER DRAIN CONNECTS TO A CONCRETE LINED
   CATCH DRAIN ENSURE ADEQUATE SCOUR PROTECTION AT JOINT.

300 mm (VAR)

230 THICK ROCK FILLED MATTRESS.

SECTIONS
1. NOT TO SCALE
2. NOT TO SCALE
3. NOT TO SCALE
4. NOT TO SCALE

SEE NOTE 1.

505

50

WIRE TO TWO 1350 mm STAR PICKETS AT OUTLET END OF PIPE.

ROCK FILLED MATTRESS TO BE PEGGED AT EACH CORNER WITH A
100 x 500 mm STAR PICKET.

FILTER CLOTH

450 DIA HALF ROUND CORRUGATED STEEL PIPE

SL81 MESH FABRIC

SECTION

4

NOT TO SCALE

NOTES
1. TOP UP OF HALF ROUND CORRUGATED STEEL PIPE TO BE INSTALLED
FULLY WITH THE COMPACTED BATTER SURFACE.
2. ROCK FILLED MATTRESS TO BE PEGGED AT EACH CORNER WITH A
100 x 500 mm STAR PICKET.
3. HALF ROUND CORRUGATED STEEL PIPE TO BE FASTENED WITH 8 GAUGE
WIRE TO TWO 1350 mm STAR PICKETS AT OUTLET END OF PIPE.
4. CONCRETE STRENGTH GRADE SHALL BE N25.
5. CONSTRUCT GULLY PIT TO SUIT DIRECTION OF FLOW
6. PLACE FILTER FABRIC UNDER ALL ROCK FILLED MATTRESS.
7. WHERE CORRUGATED BATTER DRAIN CONNECTS TO A CONCRETE LINED
CATCH DRAIN ENSURE ADEQUATE SCOUR PROTECTION AT JOINT.

100

100

200

190

130

200

130

50

100

250

200

200

0

SEE NOTE 1.

FILTER CLOTH

SL81 MESH FABRIC

SECTION

1

NOT TO SCALE

SECTION

NOT TO SCALE

SF KERB PROFILE

SECTION

NOT TO SCALE

1. NOT TO SCALE

2. NOT TO SCALE

3. NOT TO SCALE

4. NOT TO SCALE
NOTES

1. TOP LIP OF HALF ROUND CORRUGATED STEEL PIPE TO BE INSTALLED FLUSH WITH THE COMPACTED BATTER SURFACE.
2. CONCRETE STRENGTH GRADE SHALL BE N25.
3. CONSTRUCT GULLY PIT TO SUIT DIRECTION OF FLOW.