GUARD FENCE LAYOUT ON BRIDGE APPROACH

SECTION Y-Y

GALVANIZED PIPE CONNECTION

BOLT SCHEDULE FOR GALVANIZED PIPE CONNECTION

GENERAL NOTES / CROSS REFERENCES
1. GUARD FENCE - LAYOUTS FOR BRIDGE APPROACHES
2. SIDE ENTRY PIT - CONCRETE COVER - ONE METRE INLET
3. GUARD FENCE (TYPE B) - STEEL POST
4. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.

NOTES:
1. FOR DETAILS OF STEEL POSTS, BLOCKS, BOLTS AND CONCRETE PAVING, REFER SD 3661.
2. GALVANIZED PIPES SHALL BE CONNECTED ONLY TO THE NESTED W-BEAMS AS SHOWN.
   BOLTS TO BE SNUG TIGHTENED TO 3000 LBS. ALL HOLES TO BE DRILLED BEFORE GALVANIZING.
3. BACKING RAIL, 300 LONG, WITH GUARD RAIL PROFILE, SHALL BE PROVIDED AT ALL
   INTERMEDIATE POSTS FOR SINGLE W-BEAMS. NO BACKING RAIL IS REQUIRED FOR
   NESTED W-BEAMS.
4. FOR THE GEOMETRY OF THE GUARD FENCE APPROACHES REFER SD 6071 AND
   CONSTRUCTION DRAWINGS.
5. KERB AND CHANNEL PIT AND FOOTWAY REQUIREMENTS MAY DIFFER FROM THOSE
   SHOWN FOR DETAILS REFER TO CONSTRUCTION DRAWINGS.
6. BRIDGE END POST ASSEMBLY
   INCLUDES CONNECTION PLATE AND 3 THREADED M16 BOLTS FOR BRIDGES.
   SHAPED RAMPS TO BE ERECTED BY BRIDGE CONTRACTOR.
7. DIMETER OF GALVANIZED PIPE MAY VARY TO SUIT THE PARTICULAR SITE.
8. WHERE THE FACE OF GUARD FENCE IS ERECTED WITHIN 60M OF THE BACK
   OF KERB, THE MOUNTING HEIGHT SHALL MAKE A MEASURED FROM THE ADJACENT ROAD
   PAVEMENT SURFACE.
9. WASHERS ARE NOT TO BE PROVIDED AT POST BOLTS.

SD 4082