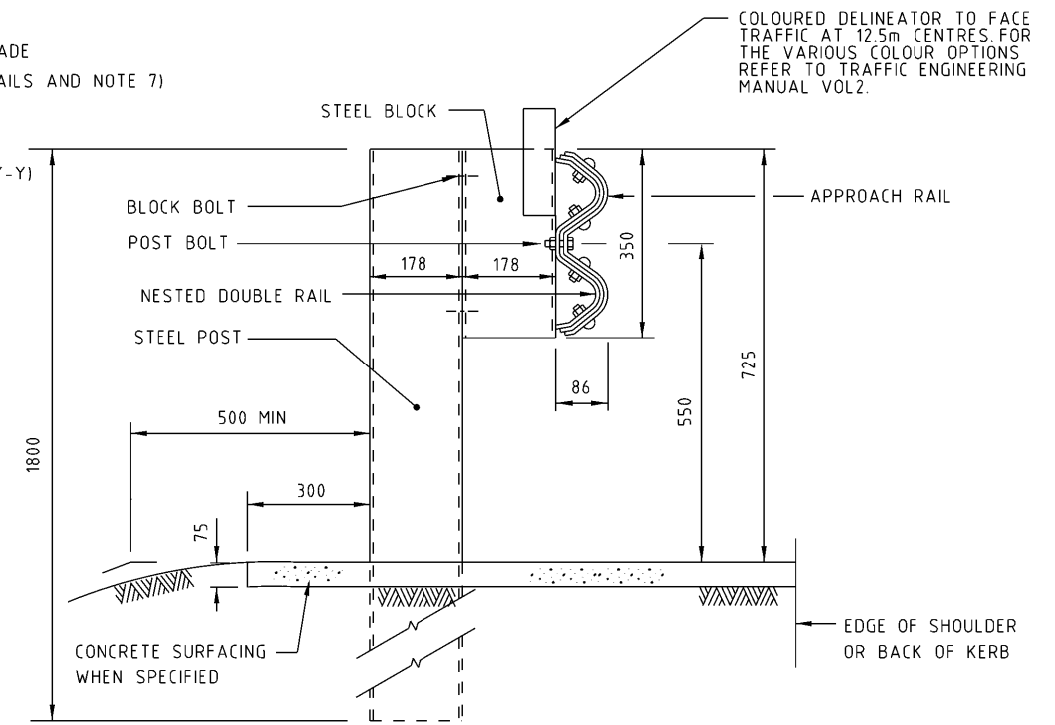
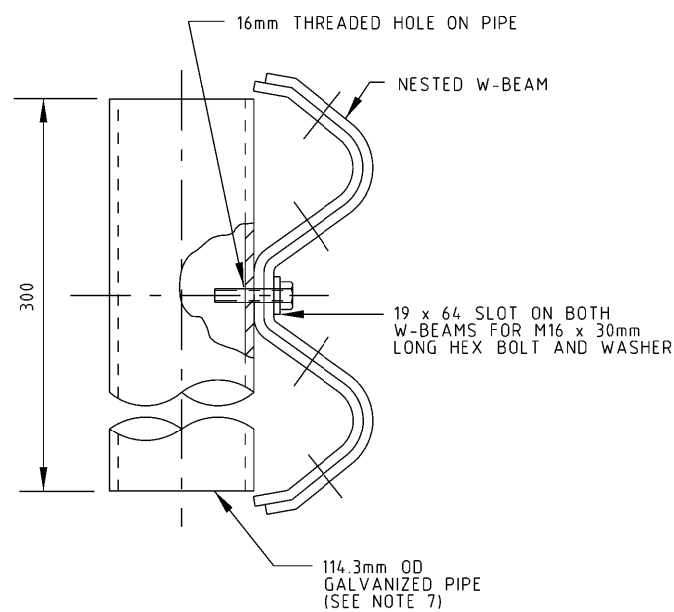


GUARD FENCE LAYOUT ON BRIDGE APPROACH



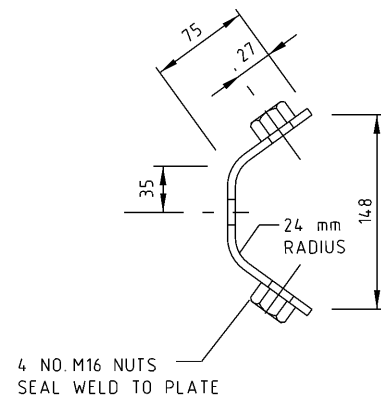
SECTION A-A



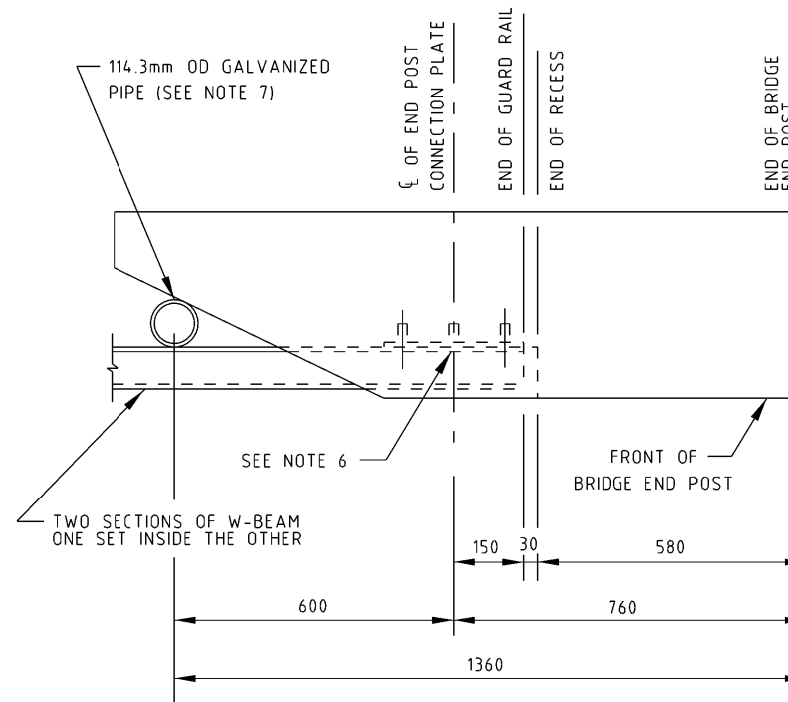
GALVANIZED PIPE CONNECTION

BOLT SCHEDULE FOR GALVANISED PIPE CONNECTION

1	M16 x 30mm LONG HEX HEAD POST BOLT
1	M16 WASHER



SECTION Y-Y
(GUARD FENCE CONNECTION PLATE ONLY)



DETAIL X

NOTES:

- FOR DETAILS OF STEEL POSTS, BLOCKS, BOLTS AND CONCRETE PAVING, REFER SD 3661.
- GALVANIZED PIPES SHALL BE CONNECTED ONLY TO THE NESTED W-BEAMS AS SHOWN. BOLTS TO BE SNUG TIGHTENED TO AS 4.100. ALL HOLES TO BE DRILLED BEFORE GALVANIZING.
- 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.
- FOR THE GEOMETRY OF THE GUARD FENCE APPROACHES REFER SD 4071 AND CONSTRUCTION DRAWINGS.
- KERB AND CHANNEL, PIT AND FOOTWAY REQUIREMENTS MAY DIFFER FROM THOSE SHOWN. FOR DETAILS REFER TO CONSTRUCTION DRAWINGS.
- BRIDGE END POST ASSEMBLY: INCLUDES CONNECTION PLATE AND 3 THREADED M16 FERRULES FOR BRIDGES WITH F SHAPE BARRIER. TO BE ERECTED BY BRIDGE CONTRACTOR. FOR DETAILS OF GUARD FENCE CONNECTION PLATE REFER TO BRIDGE DRAWING 181347.
- DIAMETER OF GALVANIZED PIPE MAY VARY TO SUIT THE PARTICULAR SITE.
- WHERE THE FACE OF GUARD FENCE IS ERECTED WITHIN 0 TO 1m BEHIND THE BACK OF KERB, THE MOUNTING HEIGHT SHALL BE MEASURED FROM THE ADJACENT ROAD PAVEMENT SURFACE.
- WASHERS ARE NOT TO BE PROVIDED AT POST BOLTS. WASHER TO BE PROVIDED UNDER PIPE CONNECTION BOLT.

ISSUE	APP'D	DATE	AMENDMENT
E			
D	D.C.	26/3/12	BOLT SCHEDULE AMENDED, DELINEATOR NOTE AMENDED, SECTION Y-Y ADDED
C	J.B.	1/8/02	DIMENSION FROM GROUND TO TOP OF BOLT & POST HAS BEEN AMENDED, POST ORIENTATION NOTE ADDED, NOTE 9 & 10 ADDED
B	J.C.	1/7/95	CROSS REFERENCE TO SD 3501, GUARD RAIL OFFSET TO BACK OF KERB, NOTE 8 ADDED
A	J.C.	9/94	SET OUT POINT OF PIT REMOVED, PIT COVER

GENERAL NOTES / CROSS REFERENCES	
1. GUARD FENCE - LAYOUTS FOR BRIDGE APPROACHES	SD 4071
2. SIDE ENTRY PIT - CONCRETE COVER - ONE METRE INLET	SD 1301
3. GUARD FENCE (TYPE B) - STEEL POST	SD 3661
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.	

DESIGNED PRINCIPAL ROAD DESIGN ENGINEER	
APPROVED <i>Ross Gordon</i> 24-2-94	
CATALOG: PRED	COMPUTER FILE: sd-4082d.dgn
PROJECT: sddgnnew	SCALE: HOR NOT TO SCALE VER: METRES

ENGINEERING & TECHNOLOGY CONSULTANTS

STANDARD DRAWING		GUARD FENCE		BRIDGE APPROACHES (SHORT END POST)	
FILE NO.	CONTRACT NO.	SHEET NO.	DRAWING NO.	ISSUE	
			SD 4082	D	