

NOTES :

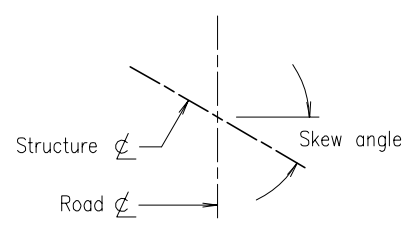
1. CONCRETE
Concrete grade N32/20 (N40/20 for exposure classification C).
Cover to reinforcement to be 50mm unless shown otherwise.
2. REINFORCING BARS to be grade D500N to AS/NZS 4671.
3. INFILL between legs of multiple culverts is achieved by placing N32/20 (N40/20) concrete plugs of 250mm minimum length at both ends of the structure and infill the remaining gap with 1:10 lean mix having maximum aggregate size of 10mm packed dry. Do not use fluid grout as hydrostatic head will damage culvert legs.
4. DIMENSIONS are in millimetres unless shown otherwise.

ASSOCIATED DOCUMENTS :
Department of Main Roads Manual of Standard Drawings Roads
Department of Main Roads Manual of Standard Specifications Roads

REFERENCED DOCUMENTS :
Standard Drawings :
1316 General Arrangement and Installation of Precast Units
Australian Standards :
AS/NZS 4671 Steel Reinforcing Materials.

Skew angle	Dim	Height of culvert, H					
		150	225	300	375	450	600
0-10	Q	250	300	450	600	750	900
11-20	X	250	300	500	650	800	1000
21-30	X	300	350	550	700	900	1100
31-45	X	300	400	600	800	1000	1200

TABLE OF DIMENSIONS



SKEW ANGLE

R C BOX CULVERTS		
CONSTRUCTION OF END STRUCTURES H = 150 - 600	Size A4	Drawing No
	Scales as shown	1174 Date 2/04
		F