



RURAL PROPERTY ACCESS - LAYOUT FOR SEMI-TRAILERS

TWO-WAY CARRIAGE WAY
AADT > 2000 OR
SEMI-TRAILER ACCESS AADT>1000

NOTES

1. ACCESS ROAD
PAVEMENT WIDTH - AS PER LAYOUT
PAVEMENT THICKNESS - 200mm MINIMUM, BASE GRAVEL
MINIMUM COVER OVER CULVERT - 300mm
ACCESS ONTO A PUBLIC ROAD SHALL NOT IMPACT ON THE WIDTH OR LEVEL OF THE ROAD SHOULDER OR ADVERSELY AFFECT ROADSIDE DRAINAGE. ON SEALED ROADS THE ACCESS IS TO BE SEALED FROM THE SHOULDER TO THE PROPERTY BOUNDARY.
2. SAFE INTERSECTION SIGHT DISTANCE TO BE ASSESSED FOR ACCESS PRIOR TO APPROVAL BASED ON 85TH PERCENTILE SPEED.
3. MAXIMUM GRADE OF DRIVEWAY BEYOND CULVERT 25%
4. EXISTING TABLE DRAINS ARE TO BE DEFLECTED TO CONNECT TO THE NEW CULVERT.
5. CULVERTS ARE TO BE INSTALLED USING CLASS 3 RRJ RCP TO THE SIZE NOMINATED BELOW WITH PRECAST CONCRETE HEADWALLS. ENSURE CUTOFF WALLS ARE INSTALLED BELOW THE HEADWALL APRONS.
6. DURING CONSTRUCTION AN APPROPRIATE TRAFFIC CONTROL PLAN IS TO BE IMPLEMENTED IN ACCORDANCE WITH THE RMS GUIDE TO TRAFFIC CONTROL AT WORK SITES.
7. PIPE SIZE
CATCHMENT AREA
HECTARES PIPE DIAMETER REQUIRED
UP TO 1.5 375mm
1.6 TO 2.2 450mm
2.3 TO 3.3 525mm
3.4 TO 5.0 600mm
OVER 5.0 SIZE TO BE DETERMINED BY CALCULATION
8. INSTALL GUIDE POSTS EITHER SIDE OF DRIVEWAY. SET ADJACENT TO THE CULVERT PAINTED WHITE AND FITTED WITH RETRO REFLECTORS BOTH SIDES.
9. CONCRETE DISH CROSSING MAY BE PERMITTED WHERE COUNCIL DEEMS CULVERTS ARE NOT REQUIRED.

Armidale Dept of Public Regional Council Infrastructure	SCALES	APPROVED	D. MAUNDER	10/11/2016	SHEET 2 OF 2
	NTS	MANAGER ENGINEERING AND STANDARDS SUPPORT		DATE	
STANDARD RURAL PROPERTY ACCESS	SURV	AS SHEET SIZE	DRAWING No	AMDT No	
	DRWN ST	A3	030-073		
	DES				
	CHKD MW	CADFILE 030-073_2.dwg	DATE 10/11/2016		