

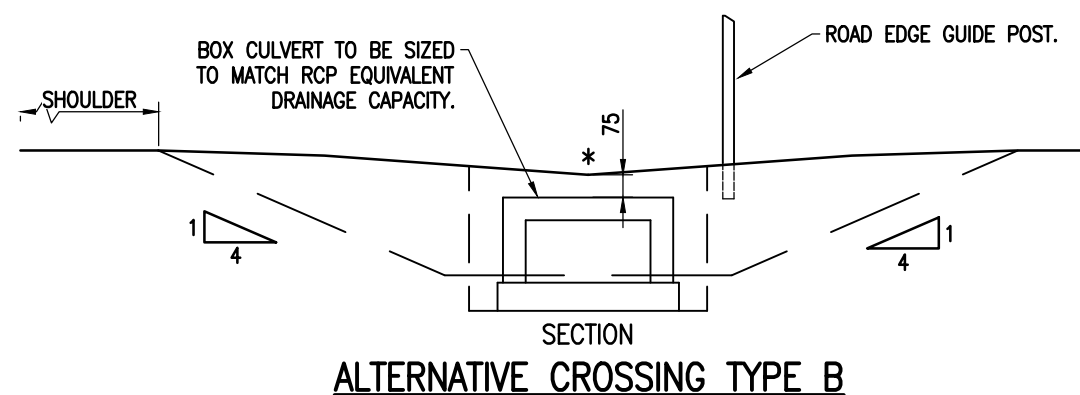
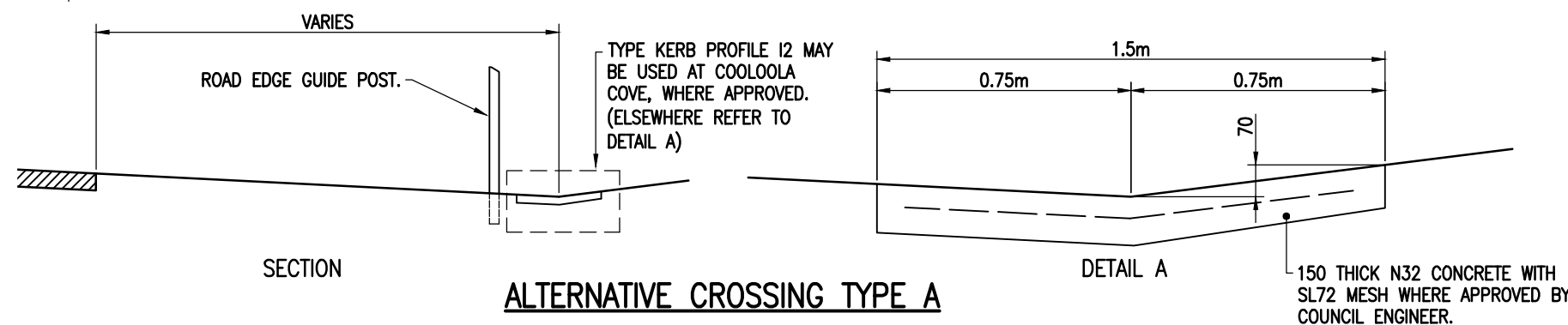
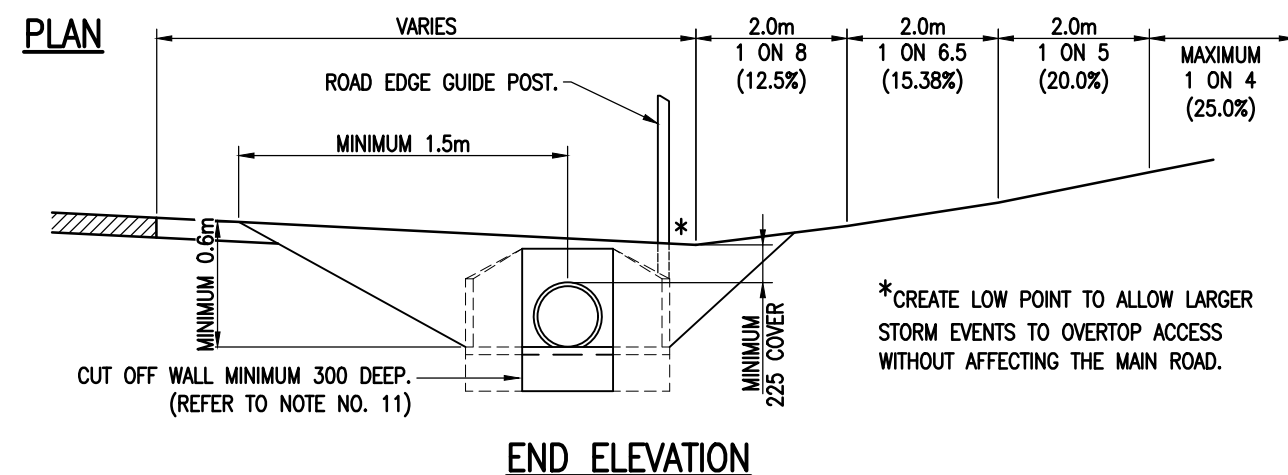
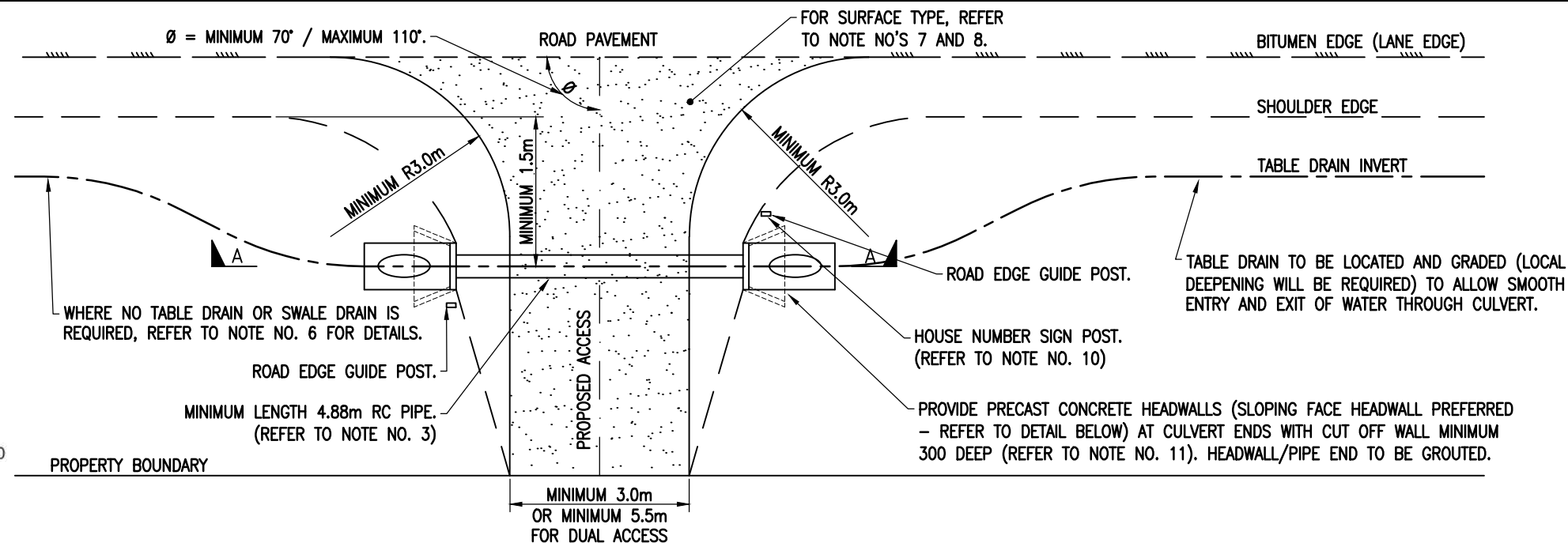
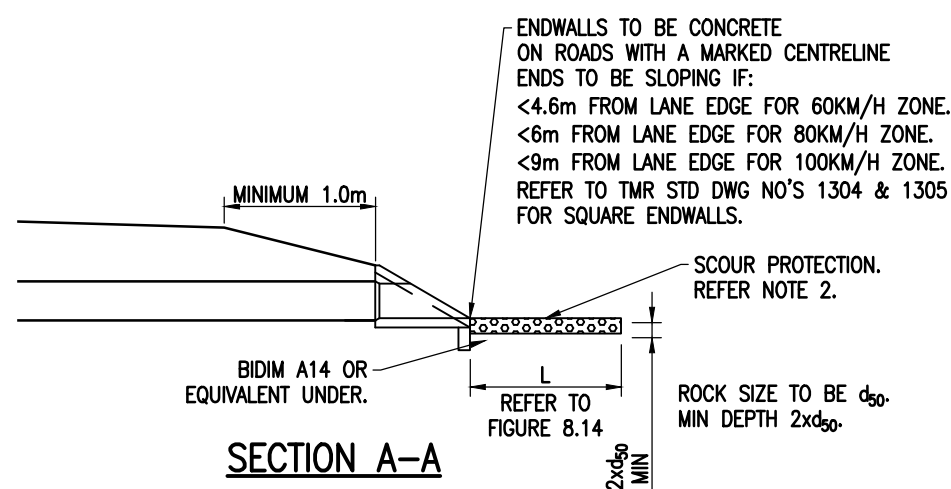
(QUEENSLAND URBAN DRAINAGE MANUAL – FIGURE 8.14)

PIPE SIZE		
CATCHMENT AREA	ARI 2	ARI 10
<0.1 Ha	375	375
<0.5 Ha	375	450
<1.0 Ha	450	525
<1.5 Ha	525	600
<2.5 Ha	600	2/450
<3.0 Ha	2/450	2/525
<3.5 Ha	2/525	2/600
<4.0 Ha	2/600	NOTE (2)

ADJOINING ROAD AADT ≤ 2000 , ARI 2
ADJOINING ROAD AADT > 2000 , ARI 10

(1) ALTERNATIVES MAY BE APPROVED IF SUPPORTED WITH CALCULATIONS IN ACCORDANCE WITH THE PROVISIONS OF THE QUEENSLAND URBAN DRAINAGE MANUAL OR UNDER THE PROVISIONS OF COUNCIL'S PLANNING SCHEME.

(2) SEEK CONSULTING ENGINEER ADVICE.



NOTES:

- ACCESS PIPE CROSSINGS TO BE PROVIDED AT LOCATIONS APPROVED BY COUNCIL.
- PROVIDE PROTECTION TO TABLE DRAINS & OUTLETS AS PER FIGURE 8.14. RENO MATTRESS (OR EQUIVALENT) ACCEPTED.
- MINIMUM GRADE THROUGH PIPE/CULVERT TO BE 1.0%.
- ROAD EDGE GUIDE POSTS TO BE LOCATED AT PIPE ENDS.
- RC OR FRC PIPE CLASS 2 TO BE IN ACCORDANCE WITH THE CURRENT AUSTRALIAN STANDARDS, MINIMUM SIZE OF $\phi 375\text{mm}$. FLEXIBLE (PLASTIC) PIPES ARE NOT ACCEPTED.
- NO PIPE CULVERT IS REQUIRED WHERE PROPERTY IS LOWER THAN THE ROAD (IE: EMBANKMENT OR FILL BATTER), AT OR ADJACENT TO ROAD CRESTS. CONCRETE INVERT CROSSINGS MAYBE USED IN LIEU OF PIPED CROSSOVER SUBJECT TO THE APPROVAL BY COUNCIL ENGINEER.
- ACCESS GRADES $>12.5\%$ SHALL BE SEALED OR REINFORCED CONCRETE.
- IF ACCESS IS TO BE:
SEALED – 2 COAT SPRAY SEAL OR 30mm ASPHALT (10mm MIX) TO PROPERTY BOUNDARY, GRAVEL THICKNESS FOR ACCESS 150mm MINIMUM (COMPACTED), TYPE 2.4 (IF ORDERED BY COUNCIL ENGINEER).
GRAVEL – GRAVEL THICKNESS FOR ACCESS 150mm MINIMUM (COMPACTED), TYPE 2.4, TO THE PROPERTY BOUNDARY.
- ALTERNATIVELY, CULVERT MAY BE POSITIONED AS CROSS ROAD, IF REQUIRED BY COUNCIL ENGINEER, IN WHICH CASE COUNCIL MAY CONTRIBUTE TOWARDS ANY ADDITIONAL COSTS.
- HOUSE NUMBER SIGNS TO BE PLACED ON ROAD EDGE GUIDE POSTS ADJACENT TO HEADWALL (IF PROVIDED) OR MINIMUM 1.5m FROM SHOULDER EDGE.
- CUT-OFF WALL MAY BE DELETED IF GROUND CONDITIONS ARE NON-EROSIVE.
- MAINTENANCE OF THE CROSSINGS ARE THE RESPONSIBILITY OF THE PROPERTY OWNER.

AMENDMENTS DESCRIPTION	APPROVED	DATE
D REVIEW	GLENN ALEXANDER	04/17
C REVIEW	LAWRY O'BRIEN	03/12
B REVIEW	ROSS CHAPMAN	01/11
A Original Issue		

NOT TO SCALE

SCALES m. FULL SIZE A3



GYMPIE REGIONAL COUNCIL
242 Mary Street
GYMPIE Qld 4570
E-mail : council@gympie.qld.gov.au
Phone 1300 307 800
Fax (07) 54810 801

Datum	-	Drawn	J.G.	04/17
Surv No.	-	Designed	-	-
Date	04/17	Checked	GA	04/17
Tech File	-	Approved	GALEXANDER	19/04/17
			R.P.E.Q. 14933	

Plan Description

GYMPIE REGIONAL COUNCIL STANDARD DRAWING
TABLE DRAIN CROSSING
WITH VEHICULAR ACCESS

Auxiliary Plans	-	DRAWING NO	R-15
Job Number	-	SHEET	1
Construction Date	-	OF	1
			1/1

Rev Date 07/12