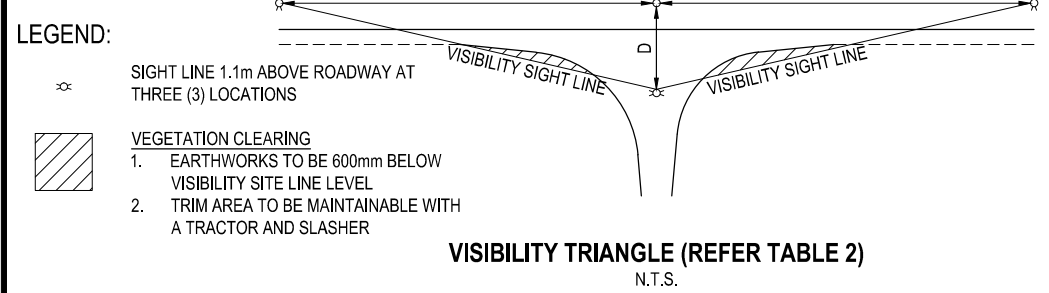
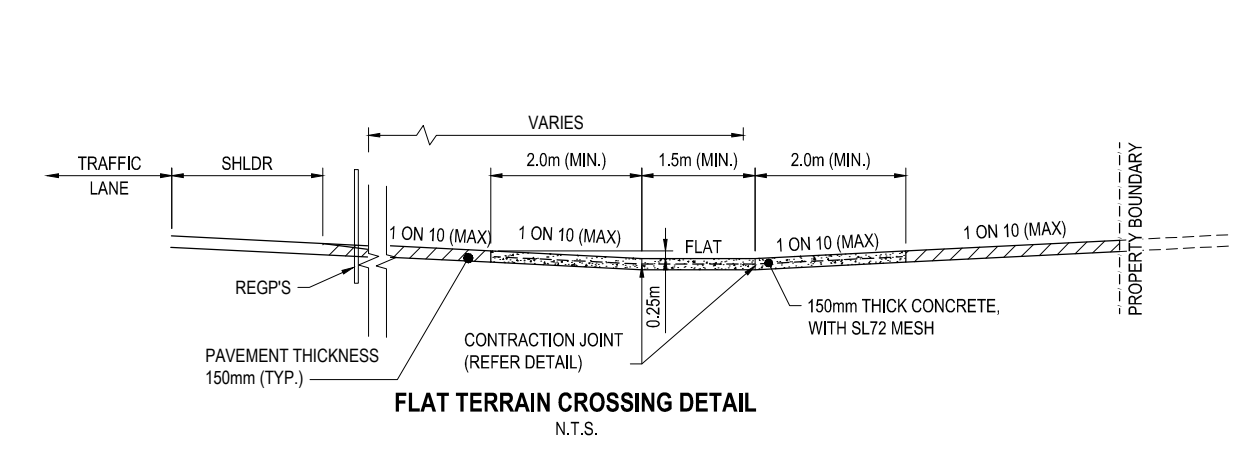
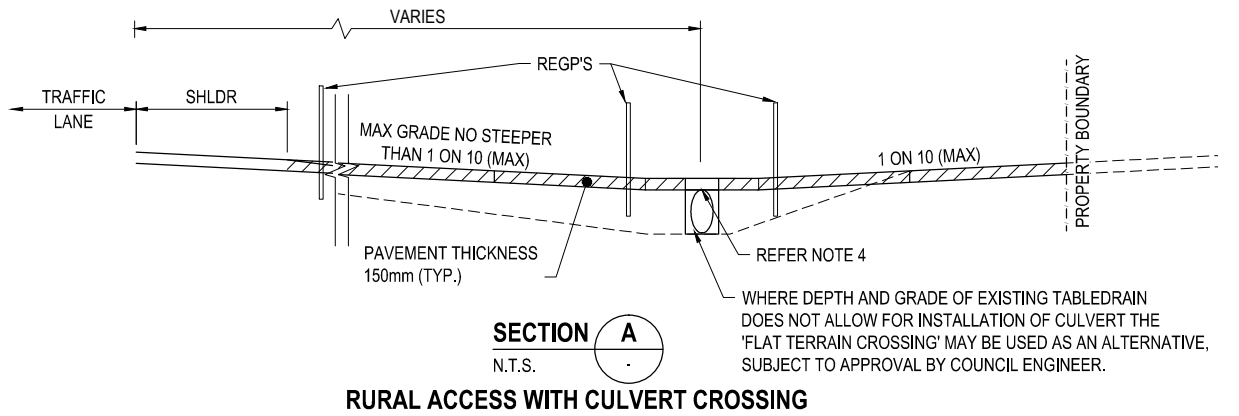


ROCK PROTECTIVE TREATMENT IS TO BE PROVIDED AT ALL CULVERT OUTLETS. A MINIMUM ROCK DIAMETER OF 200mm AND BEDDING LENGTH OF 6 X DIAMETER OF CULVERT TO BE PLACED

375 RCP (MIN.) PROPERTY ACCESS CULVERT WITH STD CONCRETE SLOPING HEADWALLS. GRADE TO MATCH ROAD CROSSFALL MIN. GRADE OF 1% TO BE ACHIEVED

TABLEDRAIN FORMED TO PROVIDE SMOOTH TRANSITION OF FLOW OF WATER TO AND FROM PIPE INLET AND OUTLET. TABLEDRAIN MAY BE DIVERTED TO ALLOW REDUCED PIPE LENGTH

RURAL RESIDENTIAL ACCESS PLAN
N.T.S.



LEGEND:

☼ SIGHT LINE 1.1m ABOVE ROADWAY AT THREE (3) LOCATIONS

▨ VEGETATION CLEARING

- EARTHWORKS TO BE 600mm BELOW VISIBILITY SITE LINE LEVEL
- TRIM AREA TO BE MAINTAINABLE WITH A TRACTOR AND SLASHER

VISIBILITY TRIANGLE (REFER TABLE 2)
N.T.S.

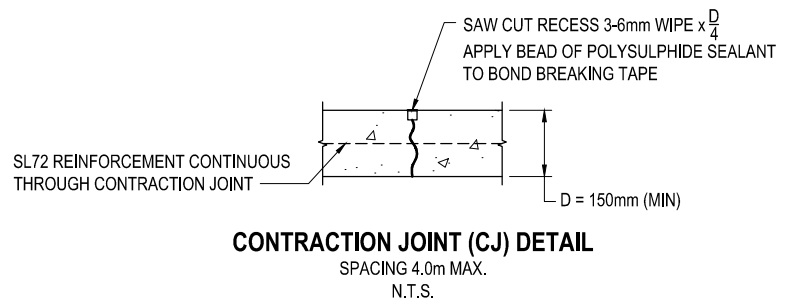


TABLE 2

SPEED ENVIRONMENT MAJOR ROAD APPROACH SPEED (KM/H)	SIGHT DISTANCE L (M) DESIRABLE MIN	SIGHT DISTANCE L (M) ABSOLUTE MIN	D (M)
60	123	114	8.5
80	181	166	8.5
100	248	224	8.5

- RELEVANT STANDARDS:**
- AS3600, CONCRETE STRUCTURES
 - AS1379, SPECIFICATIONS AND SUPPLY OF CONCRETE
 - AS/NZS A4671, STEEL REINFORCING MATERIALS.
 - REINFORCED CONCRETE PIPE (STEEL REINFORCED FOR CULVERT TO BE CLASS 3. MINIMUM COVER OF 300mm TO TOP OF CULVERT. WHERE COVER IS LESS THAN 300mm, COUNCIL APPROVAL REQUIRED PRIOR TO CONSTRUCTION. COUNCIL TAKES NO RESPONSIBILITY FOR A VEHICLE SCRAPING WHEN USING A FOOTPATH CROSSOVER OR INVERT CROSSING. THE PROPERTY OWNER/APPLICANT/CONTRACTOR IS TO ENSURE ADEQUATE VEHICLE CLEARANCE IS PROVIDED. REGP'S TO BE PROVIDED IN ACCORDANCE TO THE LATEST DEPARTMENT OF TRANSPORT AND MAIN ROADS (DTMR), MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - FOR SEAL AND PAVEMENT DETAILS REFER COUNCIL ROAD AND TRANSPORT STANDARD.
 - MANDATORY COUNCIL INSPECTIONS ARE REQUIRED PRIOR TO CONSTRUCTION INCLUDING CONCRETE SLAB SET-UP AND REINFORCEMENT, AND FINAL INSPECTION FOLLOWING COMPLETION OF CONSTRUCTION, INCLUDING BACK FILLING TO EDGES AND ENSURING THE NEW DRIVEWAY WILL NOT CAUSE A TRIPPING HAZARD.
 - AN APPLICATION TO "CARRY OUT WORKS ON A COUNCIL ROAD" IS TO BE SUBMITTED BEFORE WORKS ARE UNDERTAKEN.
- GENERAL NOTES:**
- CONCRETE N25 TO AS 1379, AS 3600.
 - ENSURE MIN. COVER TO SERVICES IN FOOTPATH AND DRIVEWAY IS ACHIEVED TO MEET RELEVANT AUTHORITY STANDARD. A DIAL BEFORE YOU DIG (DBYD) IS TO BE UNDERTAKEN PRIOR TO COMMENCING WORK ON SITE.
 - ALL WATER VALVES, HYDRANTS, SEWER MANHOLE, TELECOMMUNICATION PITS AND THE LIKE TO BE RELOCATED CLEAR OF PROPERTY ACCESS AT THE EXPENSE OF THE PROPERTY OWNER. THE RELEVANT AUTHORITY IS TO BE CONTACTED SO THAT CONFLICTING SERVICES CAN BE RELOCATED PRIOR TO CROSS OVER CONSTRUCTION

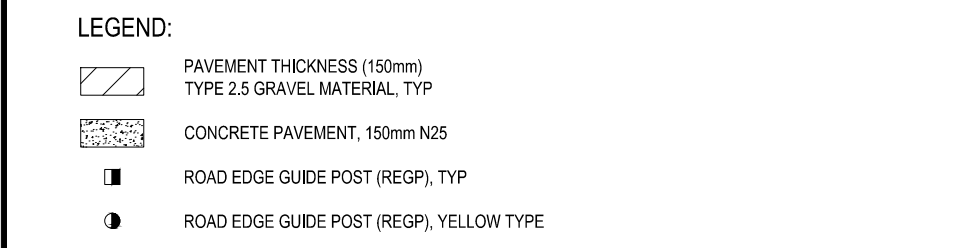


TABLE 1

TYPE OF ACCESS	RADIUS R(m)	WIDTH OF ACCESS W	LENGTH OF SEAL Y
GRAVEL	6.0	3.0 - 6.0m	NOT REQUIRED
SEALED*	10.0	3.0 - 6.0m	MIN. 15m OR TO PROPERTY BOUNDARY

* PROPERTY ACCESS MUST BE SEALED WHERE THE ROAD IS SEALED

FOR RURAL COMMERCIAL AND INDUSTRIAL ACCESS. REFER COUNCIL'S STANDARD DRAWINGS FOR MAJOR ACCESS POINTS

APPLICABILITY TABLE

Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	No	No	Yes	No	No	No	No
Applicable DWG	CMDG-R-040						

REVISIONS

NO.	DESCRIPTION	DATE
C	IRC ADDED	12/2016
B	MULTIPLE DRAWINGS AMENDMENTS	04/2016
A	NEW DRAWING FOR GRC	11/2014

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Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC) Livingstone Shire Council (LSC)
 Central Highlands Regional Council (CHRC) Maranoa Regional Council (MRC)
 Gladstone Regional Council (GRC) Rockhampton Regional Council (RRC)
 Isaac Regional Council (IRC)

RURAL RESIDENTIAL PROPERTY ACCESS

ROADS
STANDARD DRAWING
CMDG-R-040A

REV. | A | B | C | |