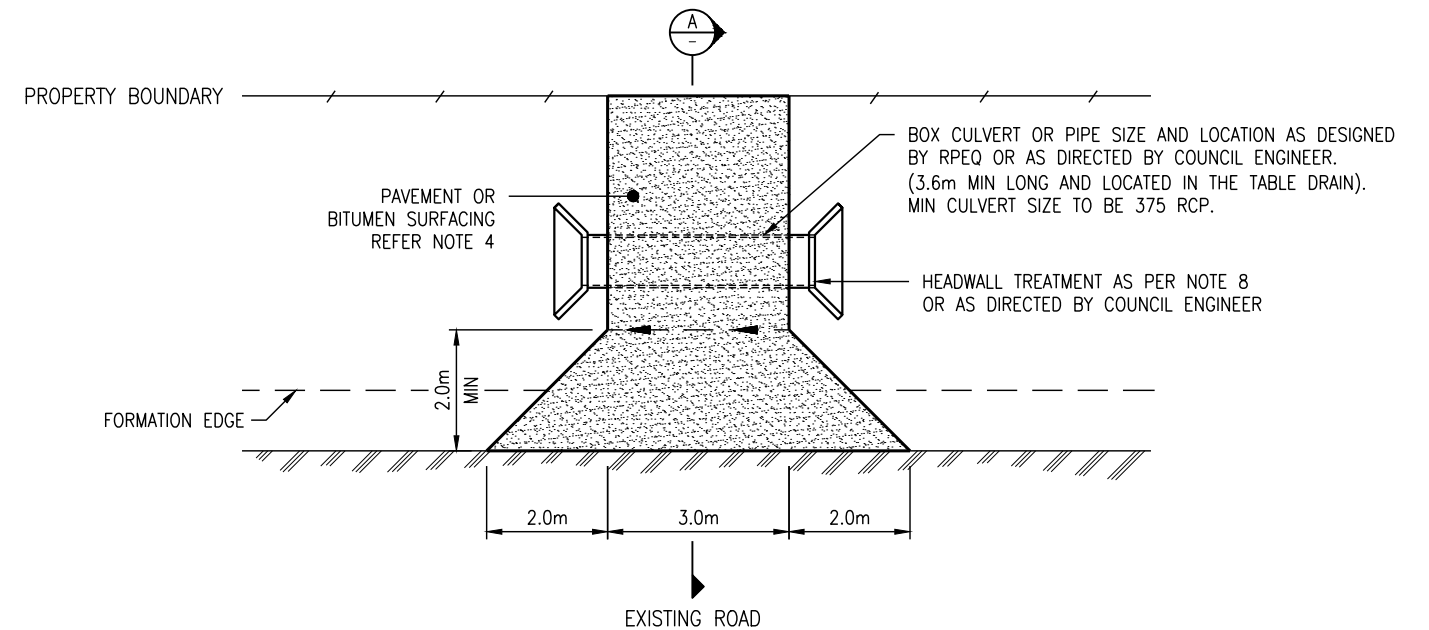


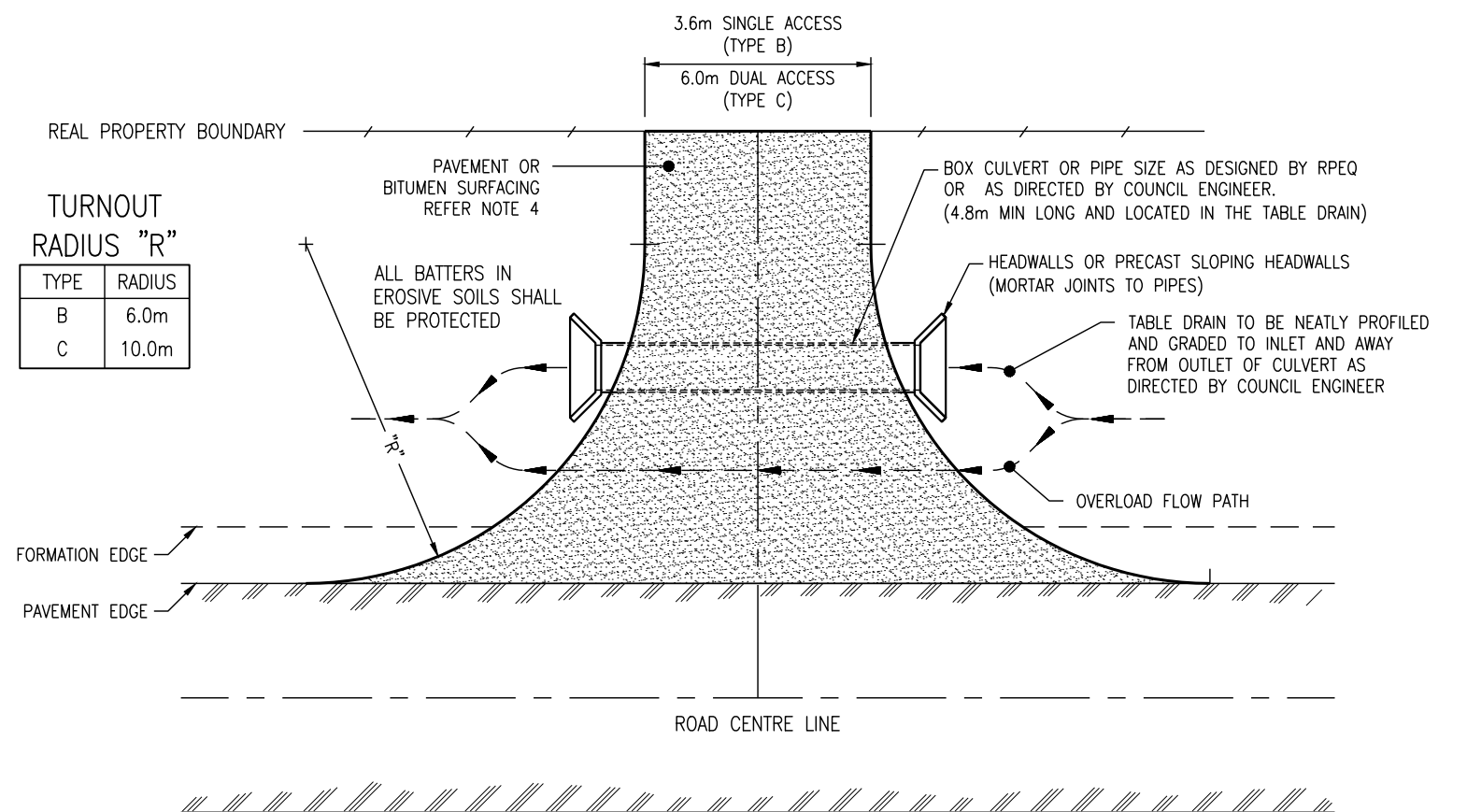
TYPICAL SECTION A-A

NOTES:

1. THE CONSTRUCTION & MAINTENANCE OF PROPERTY ACCESSES IS THE RESPONSIBILITY OF THE LAND OWNER.
2. BUNDABERG REGIONAL COUNCIL (BRC) APPROVAL TO UNDERTAKE CIVIL WORKS IN THE ROAD RESERVE IS REQUIRED PRIOR TO ANY CIVIL WORKS BEING UNDERTAKEN.
3. THE ACCESS CULVERT – RCBC OR RCP SIZE AND LOCATION UNDER THE ACCESS SHALL BE NOMINATED BY A COUNCIL REPRESENTATIVE. SHALLOW ROADSIDE DRAINS MAY REQUIRE THE INSTALLATION OF AN ACCESS AS PER BRC PLAN R1013.
4. PAVEMENT REQUIREMENTS IF NOMINATED: THE CIVIL CONTRACTOR SHOULD DETERMINE THE DEPTH OF PAVEMENT TO SUIT LOAD REQUIREMENTS AFTER EXCAVATION HAS BEEN COMPLETED;
 - a. **PAVEMENT DRIVEWAYS:**
 - THE MINIMUM DEPTH OF PAVEMENT IS TO BE 150mm OF CBR 60. ZERO COVER IS ALLOWED OVER RCBC.
 - IF A BITUMEN SEALING IS REQUIRED, THEN IT SHALL BE A TWO COAT SEAL WITH 16mm & 10mm AGGREGATE TO COUNCIL STANDARDS.
 - IF ASPHALT IS REQUIRED, IT WILL ALSO BE TO COUNCIL STANDARDS (25mm MIN).
 - b. **CONCRETE DRIVEWAYS:**
 - IF CONCRETE IS REQUIRED, IT WILL BE OFF FORMATION EDGE, OR 1m OFF BITUMEN EDGE WHICHEVER IS GREATER, OR AS DIRECTED BY COUNCIL REPRESENTATIVE.
 - MIN. CONCRETE ACCESS TO HAVE N32 CONCRETE, 100mm THICK ON 100mm THICK SUB-BASE GRAVEL. CONCRETE REINFORCED WITH F72 MESH (40mm TOP COVER)
5. FOR TRAFFIC CONTROL AND SAFETY, THE MINIMUM REQUIREMENTS FROM THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) MUST BE IN PLACE BEFORE WORK COMMENCES.
6. DRIVEWAY ACCESS IS TO BE CONSTRUCTED SO AS TO ALLOW AN OVERLAND FLOW PATH OVER THE ACCESS ROAD. THIS OVERLAND FLOW PATH IS TO BE GENERALLY BETWEEN THE ACCESS CULVERT AND THE EDGE OF ROAD OR AS DIRECTED BY COUNCIL ENGINEER. GENERALLY THE OVERLAND FLOW PATH IS TO BE 300MM BELOW ROAD CROWN.
7. BOX CULVERT ACCESS TO HAVE WINGWALLS AND APRON.
8. PIPE CULVERTS TO HAVE PRECAST HEADWALLS WITH WINGS (OR EQUAL CRS HUMES HEADWALLS) FOR SINGLE/MULTIPLE PIPES OR CAST INSITU ENDWALLS AS PER TMR DRAWINGS 1304,1305 & 1306.
9. COUNCIL MAY DIRECT THE USE OF SLOPING HEADWALLS IF REQUIRED IN LIEU OF THE HEADWALL TREATMENT MENTIONED IN NOTE 8.
10. MINIMUM LONGITUDINAL GRADE OF CULVERT IS 0.3%.



TYPE A – SINGLE ACCESS WITH CULVERT (LOW ORDER ROAD)



TYPE B AND C – ACCESS WITH CULVERT

Scales

NOT TO SCALE

Revisions	Verified	Date
D PLANS AND NOTES AMENDMENT	RMC	03/17
C SECTIONAL DETAIL AND NOTES AMENDMENT	RMC	24/12/15
B NOTE 4 AMENDMENT		12/10
A Original Issue		

Quality Certification	
Design: Verified:	
Drawn: Tifa Checked: RMC	
Approved By Engineer: Date:	
RPEQ:	



DRIVEWAYS

Rural and Urban Accesses Requiring Culverts

No Kerb and Channel

Standard Drawing	Sheet Size: A3
No.:	Rev.:
R1012	D