

150mm
100
50
0

GRADE AND SEALED SURFACE OVER
200MM COMPACTED M/4

**RADIUS OF VEHICLE CROSSING CAN BE VARIED
AND FIT FOR PURPOSE SUBJECT TO
COUNCIL ENGINEERS' APPROVAL**

EXISTING EDGE OF ROAD
SEAL TO BOUNDARY OR COMPACTED GRAVEL
TO MATCH EXISTING ROAD SURFACE

BOUNDARY

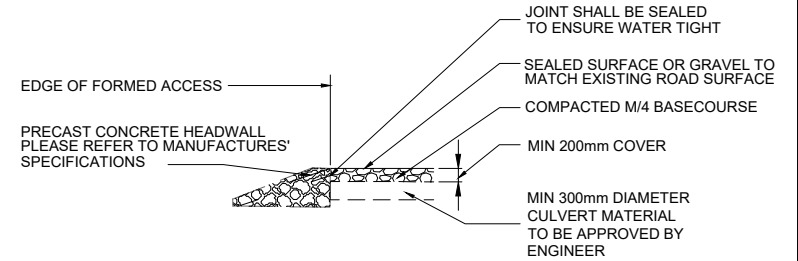
PLAN VIEW

PROPERTY ACCESS

MIN 3.5M

MIN 300mm DIAMETER CULVERT WITH
CONCRETE HEADWALLS TO BOTH
ENDS OR APPROVED BY ENGINEER

MIN 2 M



ELEVATION

SEAL TO BOUNDARY OR COMPACTED GRAVEL
TO MATCH EXISTING ROAD SURFACE

MIN 200mm DEPTH COMPACTED M/4

MINIMUM CBR =10

MIN 1 : 1 BATTER

MIN 300mm DIAMETER CULVERT

MIN 200 COVER

CONCRETE HEADWALL

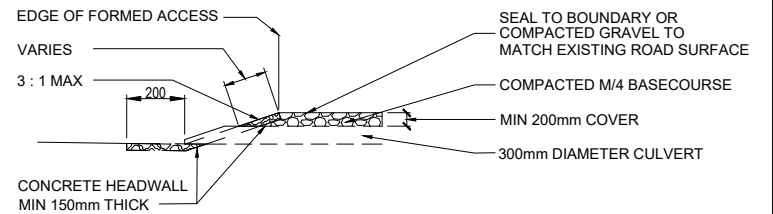
NEW SEAL TO TIE IN AND OVER LAP
EXISTING CARRIAGEWAY

MIN 2 M

M4 TO MATCH EXISTING

5 : 1 FEATHERED EDGE

CROSS SECTION



ELEVATION (ALTERNATIVE)

NOTE:

- GATE TO BE RECESSED BACK FROM ROAD AND SUFFICIENT DISTANCE TO ANY VEHICLE USING THE DRIVEWAY TO STOP CLEAR OF TRAFFIC LANE WHILE THE GATE IS OPENED.
- ROADSIDE DRAINAGE SHALL BE SHAPED TO THE ACCESS WAY CULVERT AND FROM THE CULVERT OUTLET TO THE EXISTING ROADSIDE DRAIN TO ALLOW FREE DRAINING.
- THE C.B.R. OF SUBBASE MUST BE A MINIMUM OF 10, OTHERWISE ADDITIONAL DEPTH OF BASECOURSE IS REQUIRED.
- THE BASE COURSE MUST COMPACT AT A MINIMUM OF 30 CLEGG IMPACT VALUE.
- STANDARD CULVERT IS CONCRETE. DIFFERENT MATERIALS MAY BE USED SUBJECT TO ENGINEER'S APPROVAL.
- A SWALE DRAIN MAY BE FORMED INSTEAD OF A CULVERT, SUBJECT TO ENGINEER'S APPROVAL.
- THIS CAN ALSO BE USED IN NON-RURAL AREAS WHERE THERE IS NO EXISTING KERB AND CHANNEL



STANDARD DETAILS

ROADING STANDARDS RURAL RESIDENTIAL
VEHICLE CROSSING

Drawn	Designed	
J. GOODMAN		
Approved	Revision Date	
G. O'CONNOR	OCTOBER 2020	
Scale	Drawing No.	Revision
NOT TO SCALE	KCDC-RD-017	R5