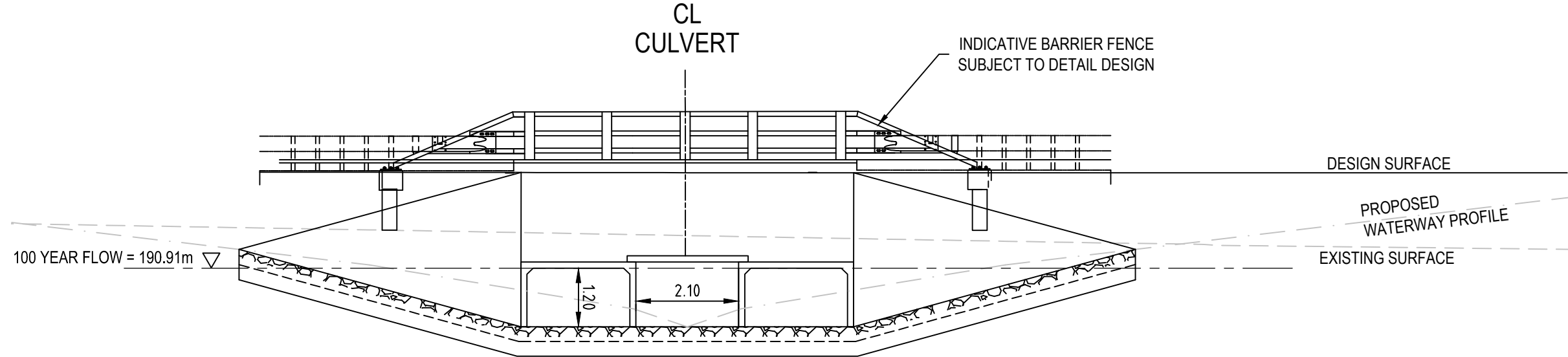
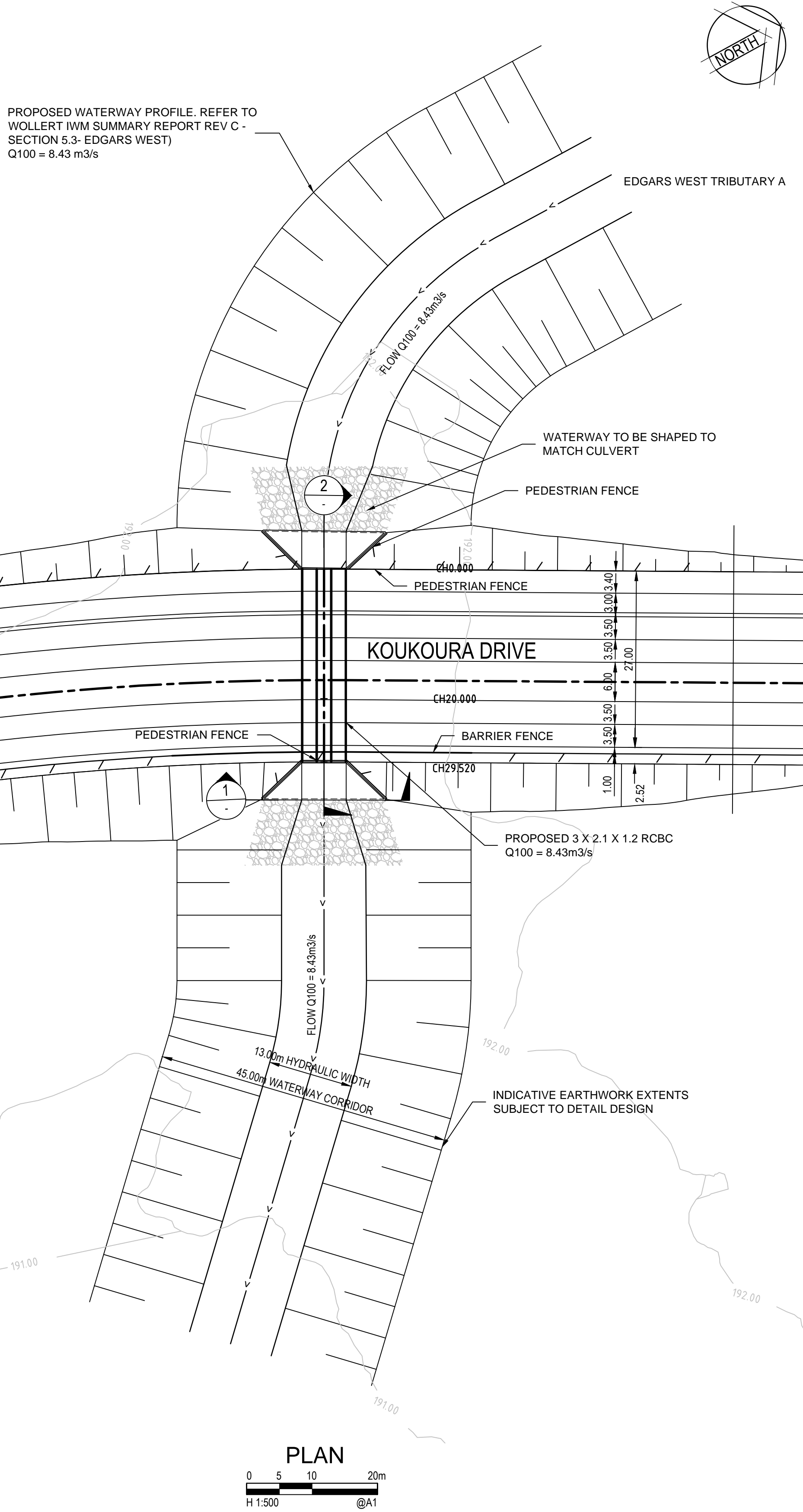


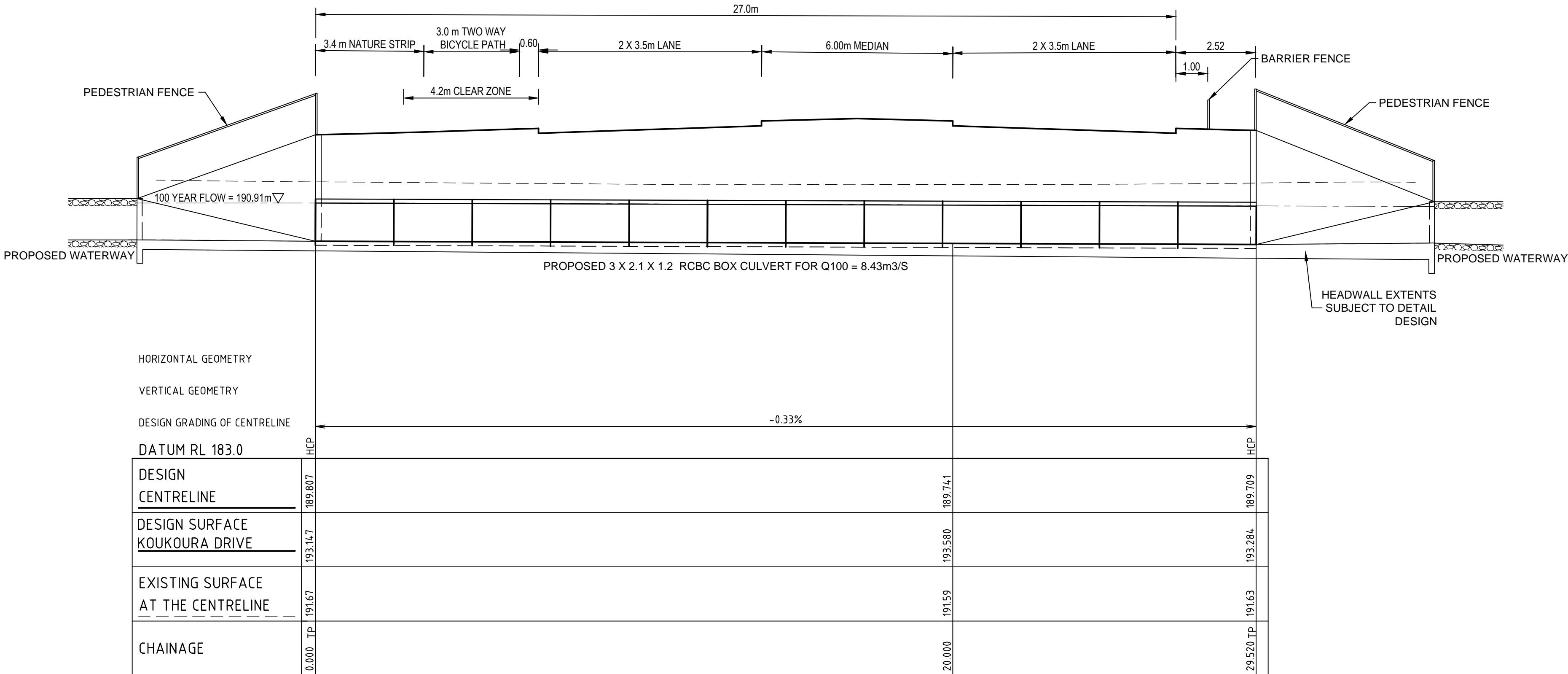
DATE PLOTTED: 18 December 2014 11:10 AM BY: NILAM SHAH

XREF's: XCG140690-WBASE; XCG140690-SURVEY; XCG140690-TRAFFIC FUNCTIONAL INTERIM; Contours ES Overall; CLT-BDY-RD-LS1; CLT-KOU-DRLS11
CAD File: O:\DRAC\VL12014\CG140690 - Wollert\CG140690\CI1003.dwg

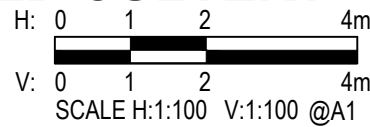


NOTE: PEDESTRIAN FENCE OMITTED FOR CLARITY

OUTLET ELEVATION - 1
NTS



PROPOSED CULVERT- SECTION 2



CULVERT - EDGARS WEST TRIBUTARY

PROPOSED CULVERT SIZE = 3 X 2.1 X 1.2 m RCBC (AS PER REVISED WOLLERT IWM SUMMARY REPORT REV C)

Q100 = 8.43 m³/s

CAPACITY = 9.072 m³/s (ASSUMED V = 1.20m/s)

| LEGEND | | |
|--------|-----|---------------------------------|
| | PSM | PERMANENT SURVEY MARK |
| | TBM | TEMPORARY BENCH MARK |
| | | PROPOSED SURFACE CONTOUR |
| | | EXISTING SURFACE CONTOUR |
| | | CENTRELINE OF ROAD |
| | | PROPOSED BATTER |
| | | PROPOSED CENTRELINE OF WATERWAY |
| | | PROPOSED CULVERT |
| | | PROPOSED SAFETY FENCE |

WARNING

BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

| LEGEND | |
|--------|------------------|
| | EXISTING SURFACE |
| | DESIGN SURFACE |

GENERAL NOTES:

- WATERWAY PROFILE AND CULVERT DESIGN BASED ON WOLLERT IWM SUMMARY REPORT REVISION C.
- ROAD GEOMETRY IS BASED ON DESIGN SPEED OF 60km/hr
- PROPOSED ROAD BARRIERS HAVE BEEN DESIGNED WITH NO CONSIDERATION OF OTHER HAZARDS LIKE TRESS OR DRY STONE WALL.
- TRAFFIC FUNCTIONAL LAYOUT HAS BEEN PROVIDED BY CARDNO TRAFFIC CONCEPT VERTICAL ALIGNMENT FOR COST ESTIMATION PURPOSES ONLY. FINAL LEVELS SUBJECT TO DETAIL DESIGN.
- NO SERVICES HAVE BEEN PROVIDED OR DBYD INVESTIGATION UNDERTAKEN.

| Rev. | Date | Description | Des. | Verif. | Appd. |
|------|------------|---------------------------------------|------|--------|-------|
| 1 | 17/12/2014 | ISSUED FOR COST ESTIMATE PURPOSE ONLY | NS | MF | MF |

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| | | |
|--|-----------------|---|
| Drawn NS | Date 15/12/2014 | Client A V JENNINGS |
| Checked MF | Date 15/12/2014 | Project WOLLERT PSP |
| Designed NS | Date 15/12/2014 | CRAIGIEBURN ROAD |
| Verified | Date | WOLLERT |
| Approved | | Title CIVIL SITEWORKS |
| | | KOUKOURA DRIVE - PROPOSED CULVERT PLAN AND LONGITUDINAL SECTION |
| Status | | PRELIMINARY |
| NOT TO BE USED FOR CONSTRUCTION PURPOSES | | |
| Melways Ref 389 B9 | Scale | Size A1 |
| Drawing Number CG140690-CI-1003 | Revision 1 | |