

FOR ADDITIONAL INFORMATION ON BASINS,
REFER TO CONCEPTUAL STORMWATER
ASSESSMENT AND MANAGEMENT PLAN
REPORT (APRIL 2010) BY GILBERT &
SUTHERLAND P/L

630

- PUMP STATION FOR RE-CIRCULATION OF WATER FOR TRICKLE FEED THROUGH CENTRAL OPEN DRAIN.
- PUMP TO OPERATE AT TIMES OTHER THAN DURING RAINFALL EVENTS.
- PUMP SIZING AND OPERATING MECHANISM TO BE DETERMINED AT DETAILED DESIGN STAGE.

RETENTION POND FOR
RE-CIRCULATION WATER

ROAD 2

2.198

100.000

714

713

712

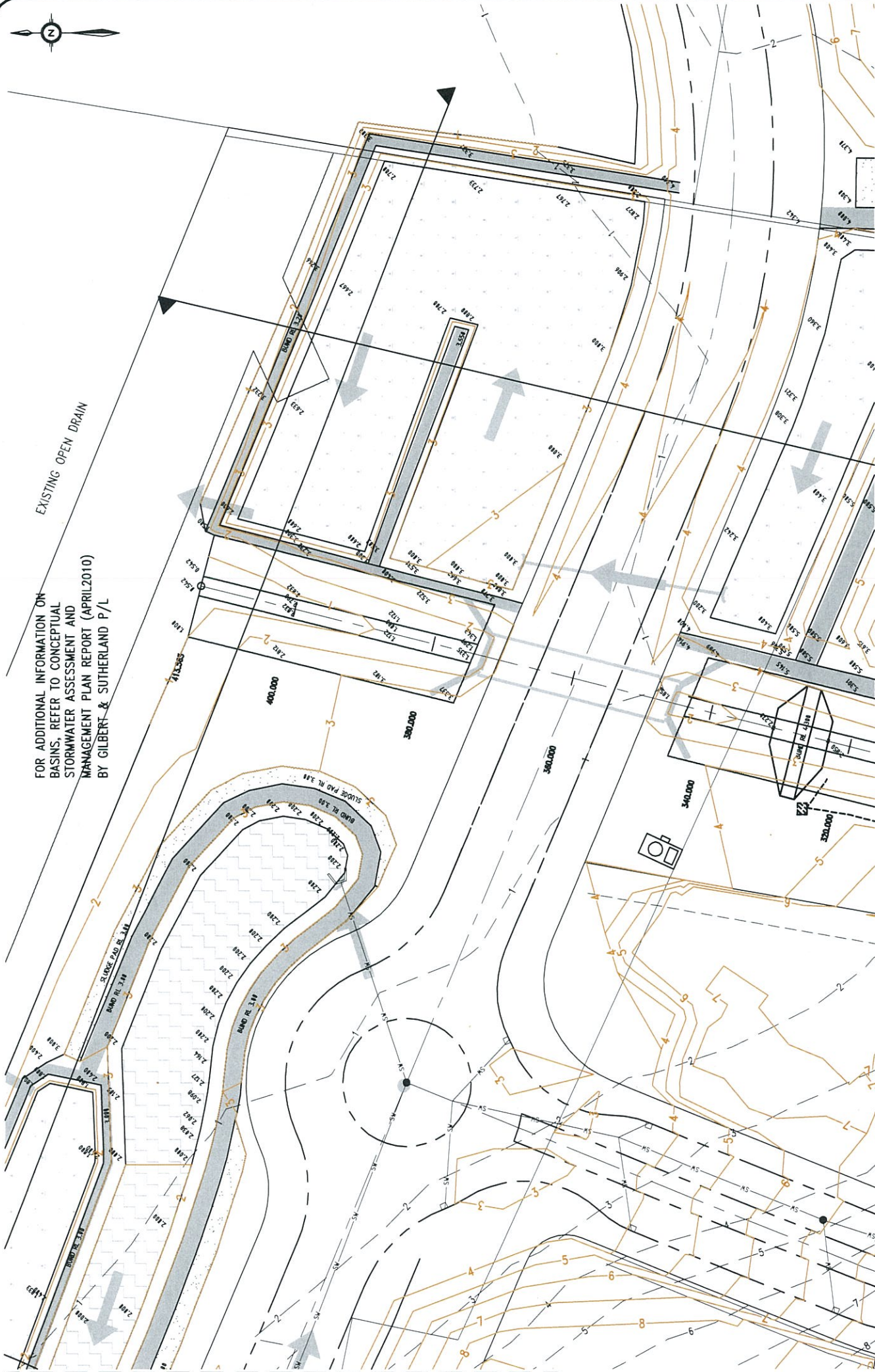
METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRV. TERRANORA
SWALE AND SEDIMENT PONDS LAYOUT
SHEET 3 OF 5

D:\PROJECT APPL No. MP09-0166 SK2746
09-374 REVISION A
30-04-2010
B BradLees CONSULTING





FOR ADDITIONAL INFORMATION ON
BASINS, REFER TO CONCEPTUAL
STORMWATER ASSESSMENT AND
MANAGEMENT PLAN REPORT (APRIL 2010)
BY GILBERT & SUTHERLAND P/L

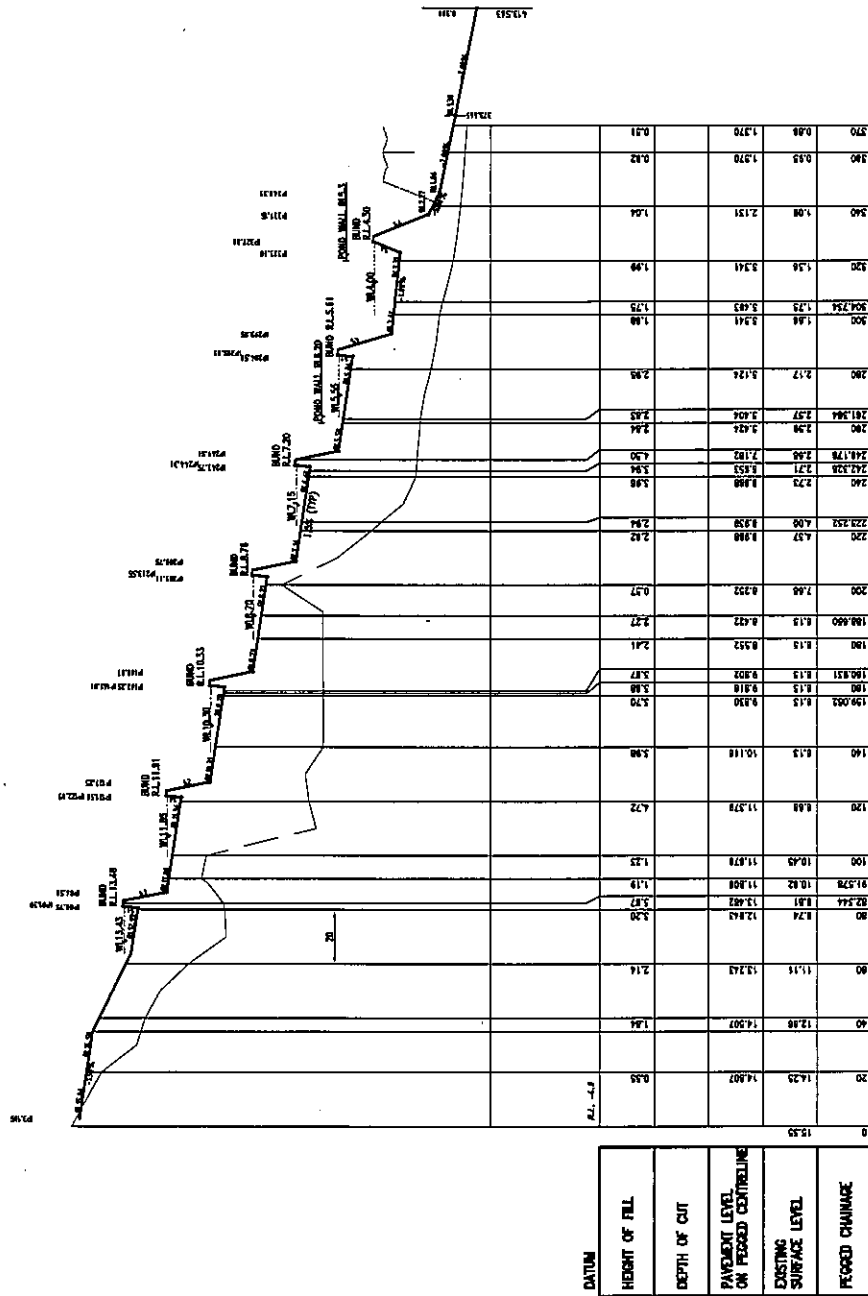
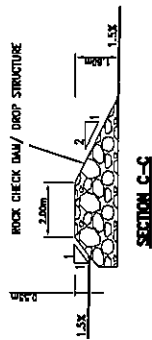
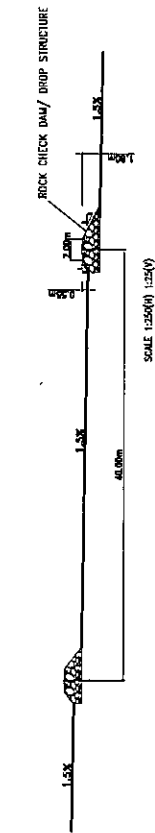
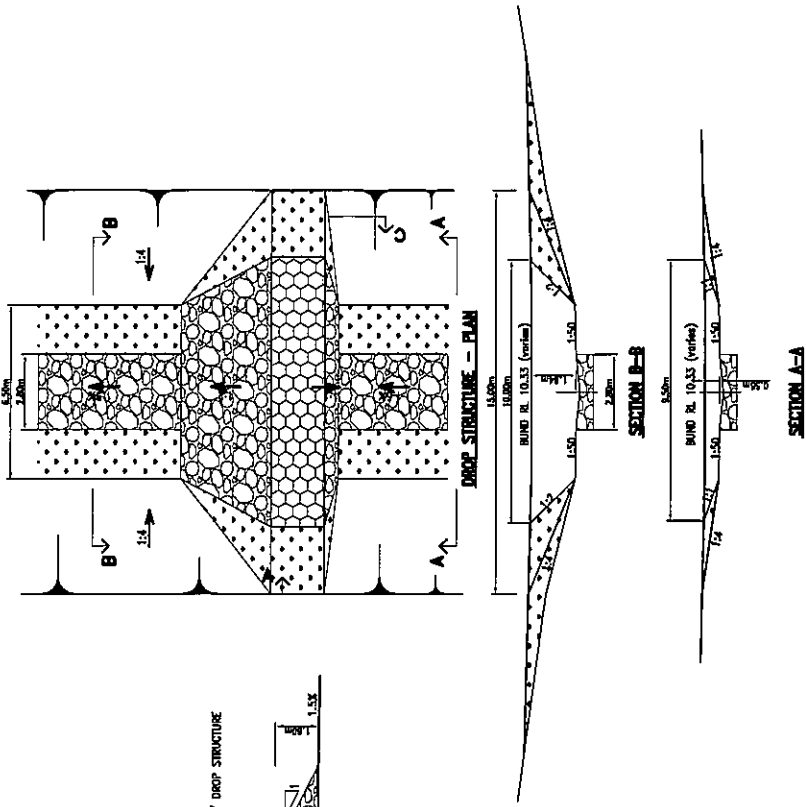


METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRY, TERRANORA
SWALE AND SEDIMENT PONDS LAYOUT
SHEET 4 OF 5

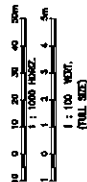
D:\PROJECT APPL No. MP09-0166
09-374
REVISION A



1 : 250 (FULL SIZE)



ADDITIONAL NOTES: SEE SCALE 1:100 (1:1000)

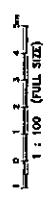
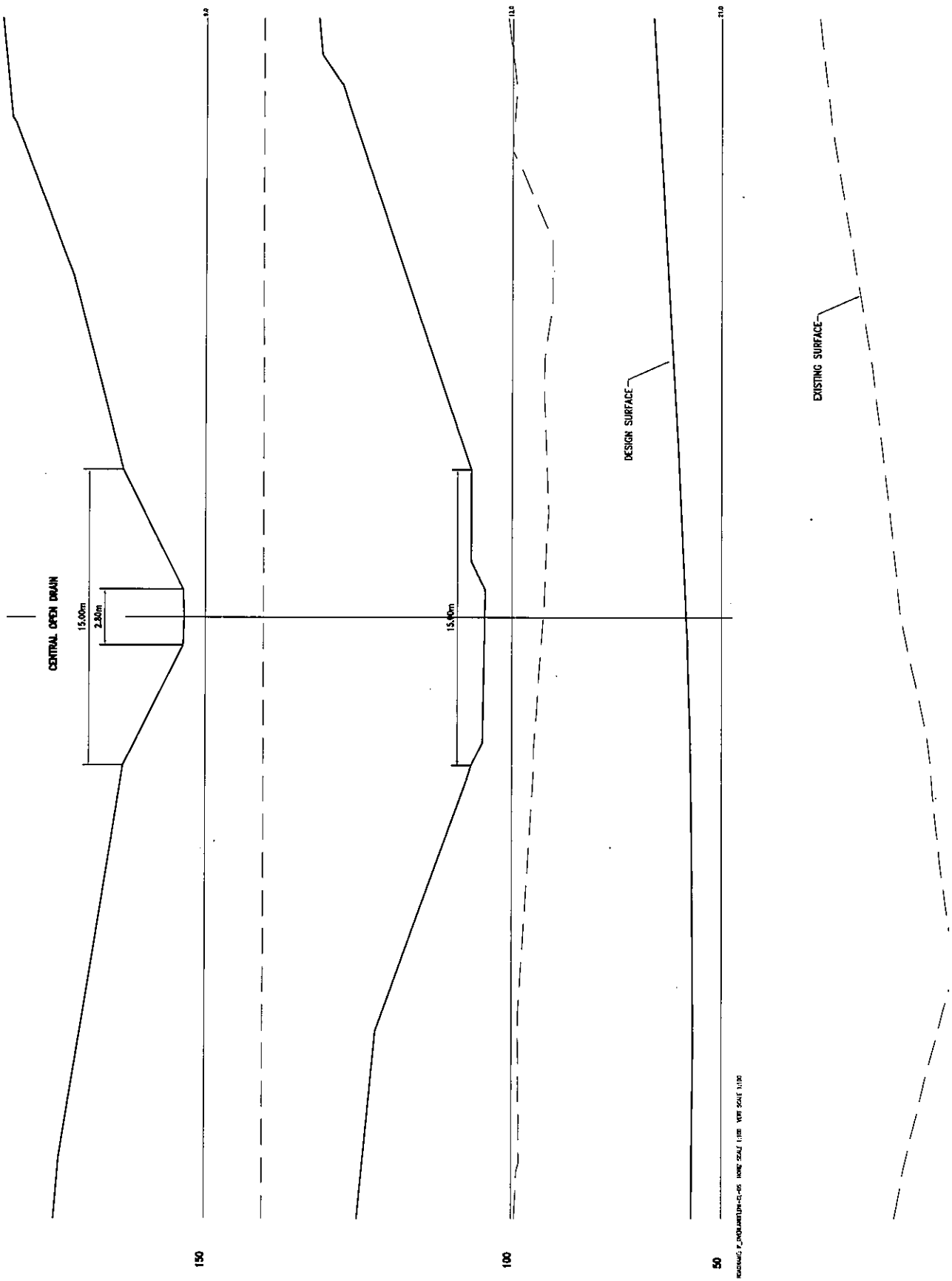


METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRY, TERRANORA
CENTRAL OPEN DRAIN
LONG. SECTION

D.A. PROJECT APPL. No. M009-0166
09-374
30-04-2010
REVISION A



SK2749



SK2750 REVISION A		
DA PROJECT APPL. No. MP09-0166 09-574	30-04-2010	
METRICON (QLD) PTY LTD ALTITUDE 1 - FRASER DRY TERRANORA SWALE CROSS SECTIONS SHEET 1 OF 2		

REVISION A - 30/04/2010 - 1:100 (FULL SIZE)



ALTITUDE 1 - FRASER DRY, TERRANORA

LONGITUDINAL CROSS SECTIONS
SHEET 2 OF 2

D.A. PROJECT APPL. No. WPD9-0166

REVISION A



APPENDIX 10

- Tweed Road Contribution Plan No.4 (TRCP) – July 2007 v5.0
(Extract)

KEY

Completed Project: (These values are not linked to the Unit Rate spreadsheet. Bid values have been taken from actual contracts or previous TFCP values; non-cost values are based on estimates only)
Detailed Estimate (These values are linked to the Unit Rate spreadsheet, except where indicated by red text)
Preliminary estimate (No colour) Linked directly to Unit Rate spreadsheet
* Bid Values represent actual completed costs or values not linked to the 'Unit Rates' spreadsheet and are based on actual costs or detailed estimates
* Preliminary Planning and Design costs (10%) and Contingency costs (15%) have not been included for Completed Projects or Detailed Estimate costs (to have only been included in Preliminary Estimates only)
Estimate from detailed design and schedule of rates. Not linked back to Unit Rate spreadsheet

[illegible]

[illegible]

APPENDIX 11

- 09-374 – SK2753 Broadwater Parkway Layout Plan
- 09-374 – SK2754 Broadwater Parkway Long Section
- 09-374 – SK2755 Broadwater Parkway Cross Sections: Sheet 1 of 3
- 09-374 – SK2756 Broadwater Parkway Cross Sections: Sheet 2 of 3
- 09-374 – SK2757 Broadwater Parkway Cross Sections: Sheet 3 of 3



INTERSECTION ALIGNMENT SHOWN IN
ACCORDANCE TO PRELIMINARY TRAFFIC
ENGINEERING REPORT. FINAL INTERSECTION
TREATMENT/LOCATION SUBJECT TO FURTHER
INVESTIGATION

SCHEMATIC ALIGNMENT ONLY.
FINAL ALIGNMENT OF BROADWATER PARKWAY FROM FRASER
DRIVE TO CH400 STILL UNDER INVESTIGATION.

BROADWATER PARKWAY

FRASER DRIVE

800m

800m

800m

ROAD 3B

ROAD 2

ROAD 10

ROAD 11

ROAD 12

ROAD 13

ROAD 14

ROAD 15

ROAD 16

ROAD 17

ROAD 18

METRICON (QLD) PTY LTD

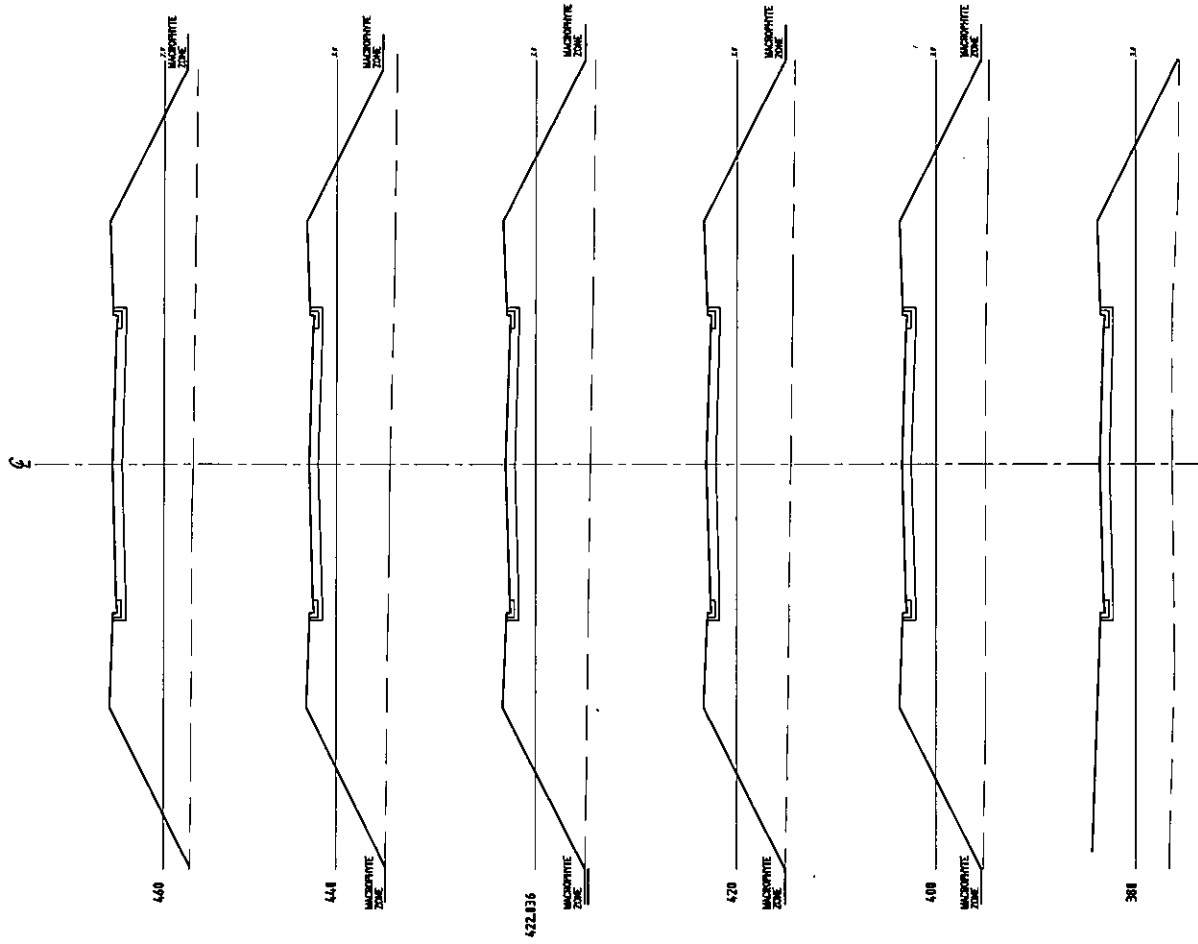
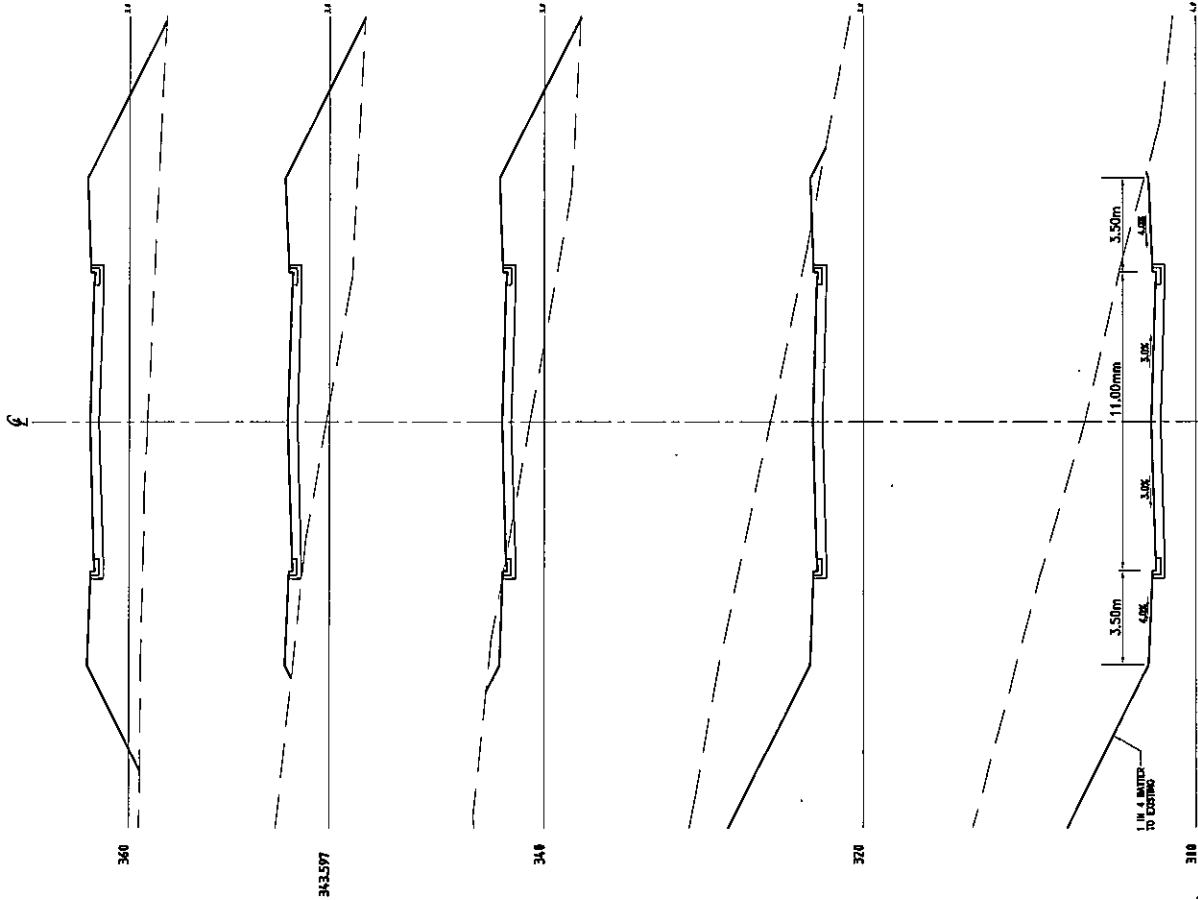
ALTITUDE 1 - FRASER DRIVE TERRANORA

BROADWATER PARKWAY
LAYOUT

D:\PROJECT APPL No. MP09-0166
09-374
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REVISION C



1 : 1000 (FULL SIZE)

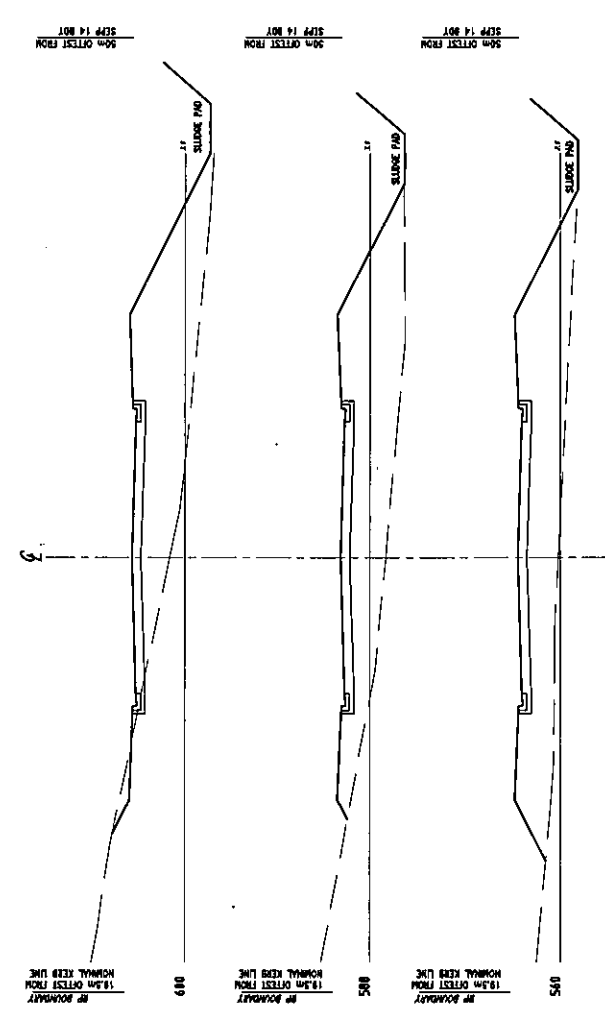
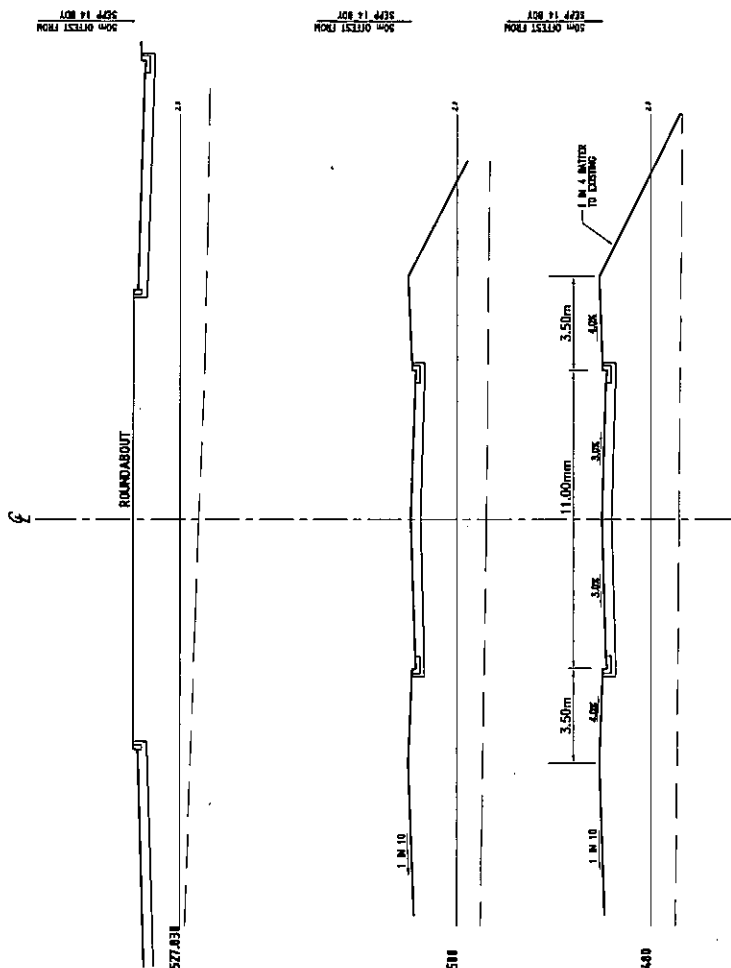


50m OFFSET FROM
STEP 1 & 2

EXTERNAL ROAD

METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRY, TERRANORA
BROWWATER PARKWAY CROSS SECTIONS
SHEET 1 OF 3

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09-374
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100-100-100



EXTERNAL ROAD

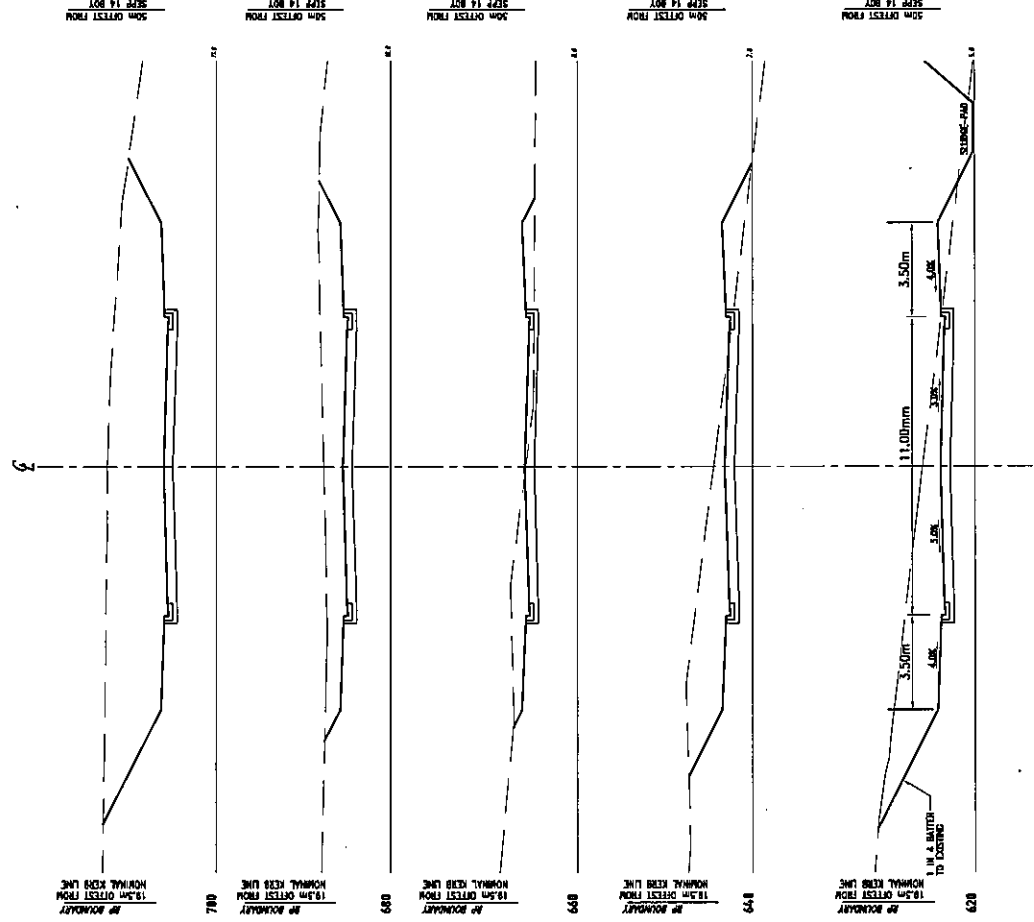
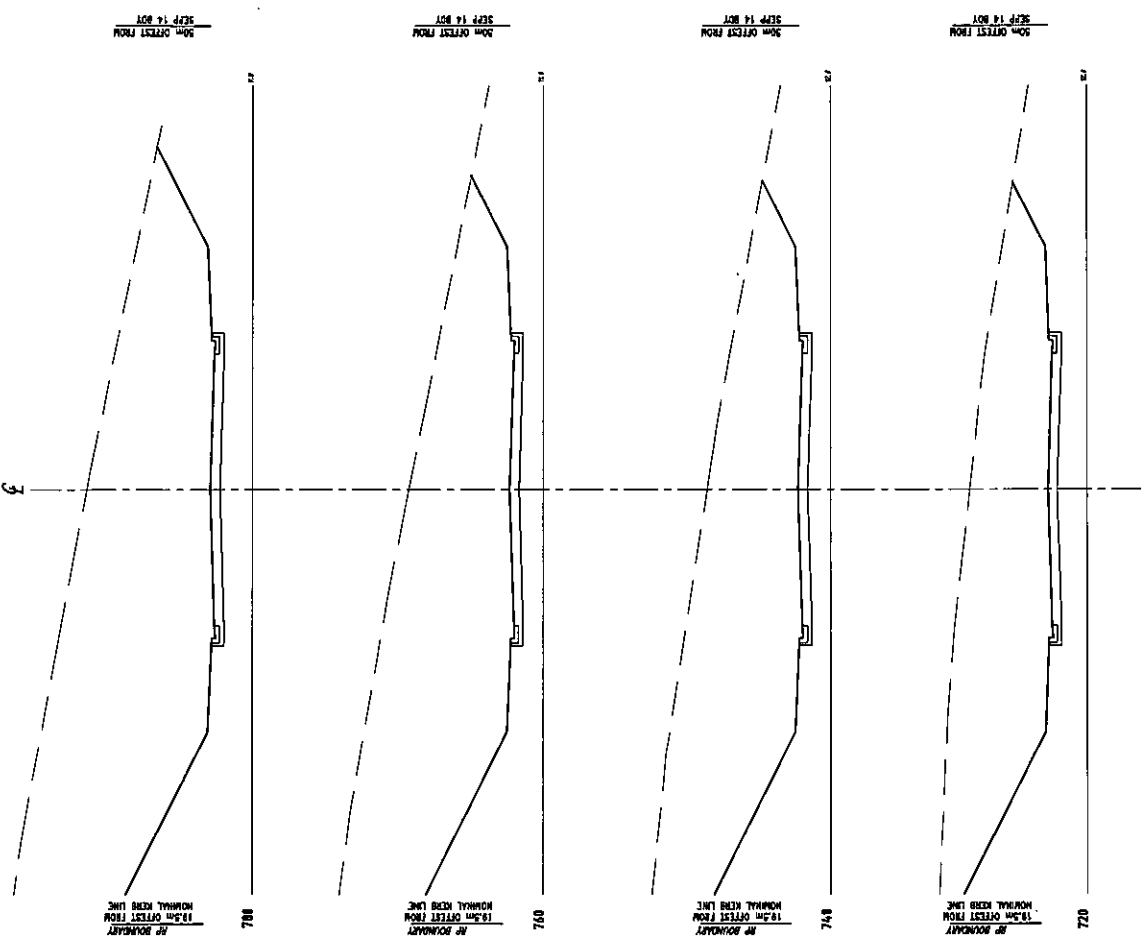
SK2756 RETURN A		
D.A. PROJECT APPL. No. MP09-0166 09-374	30-04-2010	
METRICON (QLD) PTY LTD ALTITUDE 1 - FRASER DRY TERRANORA BROADWAY PARKWAY CROSS SECTIONS SHEET 2 OF 3		

DA PROJECT APPL. No. MP09-0166
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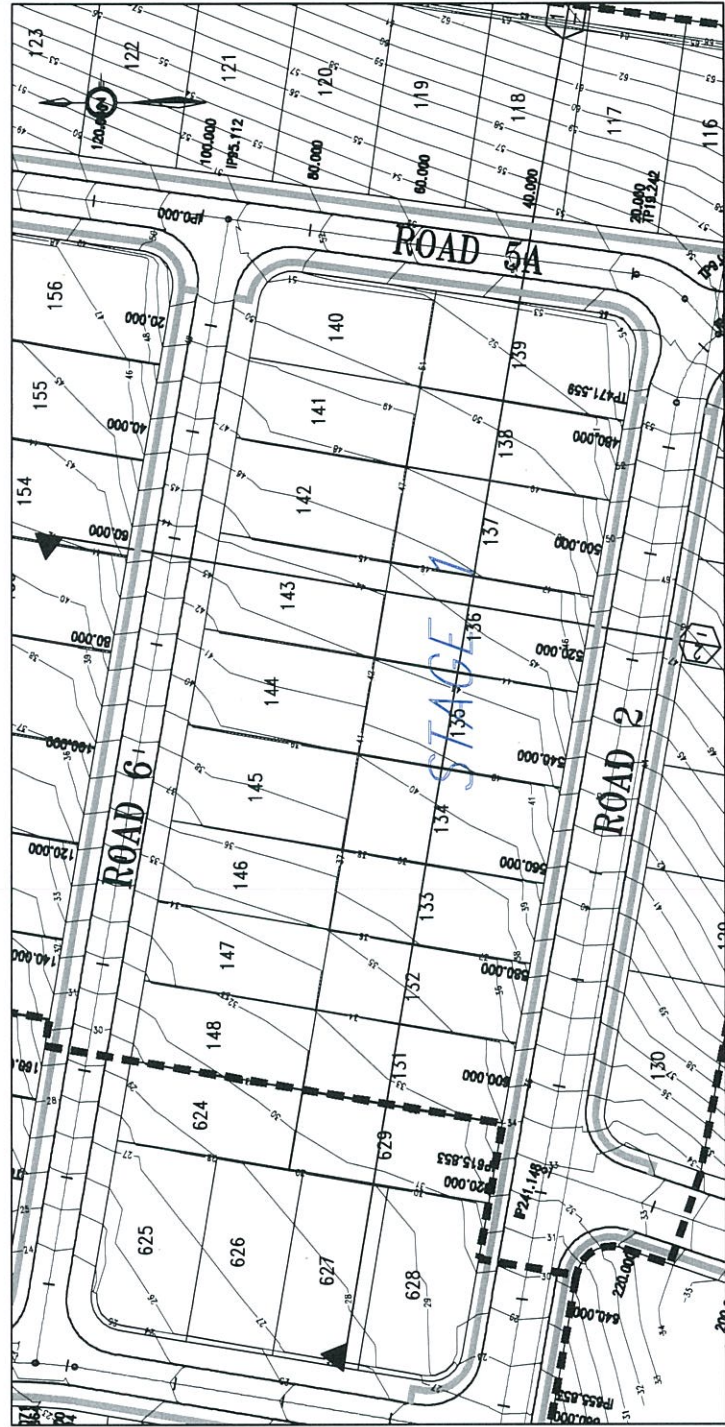
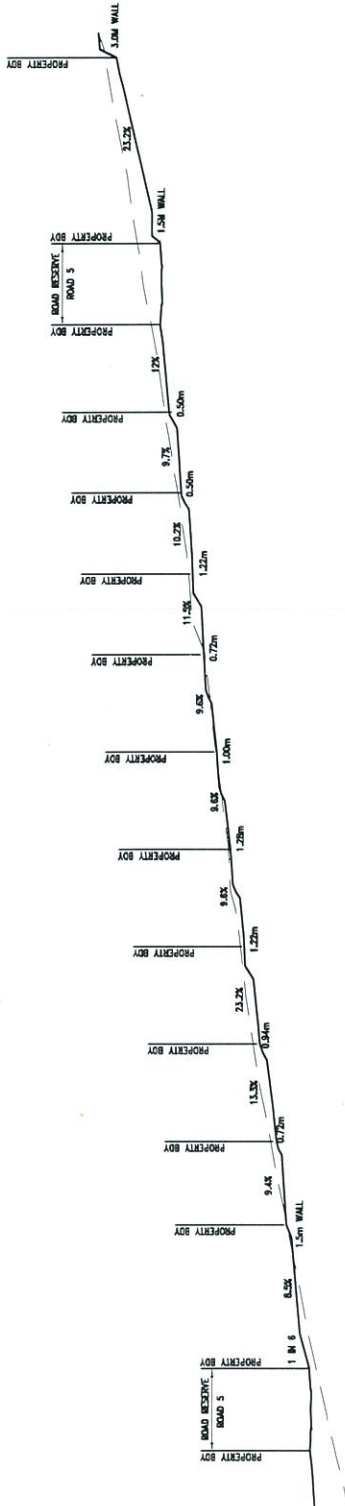
METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRY, TERRANORA
BROADWATER PARKWAY CROSS SECTIONS
SHEET 3 OF 3

EXTERNAL ROAD



APPENDIX 12

- 09-374 – SK2758 Building Pad Layout & Sections: Sheet 1 of 3
- 09-374 – SK2759 Building Pad Layout & Sections: Sheet 2 of 3
- 09-374 – SK2760 Building Pad Layout & Sections: Sheet 3 of 3
- 09-374 – SK2761 Building Pad Sections: Sheet 1 of 2
- 09-374 – SK2762 Building Pad Sections: Sheet 2 of 2

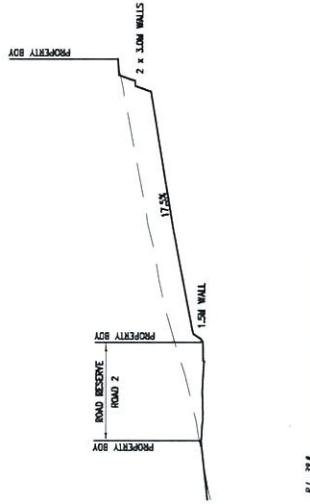
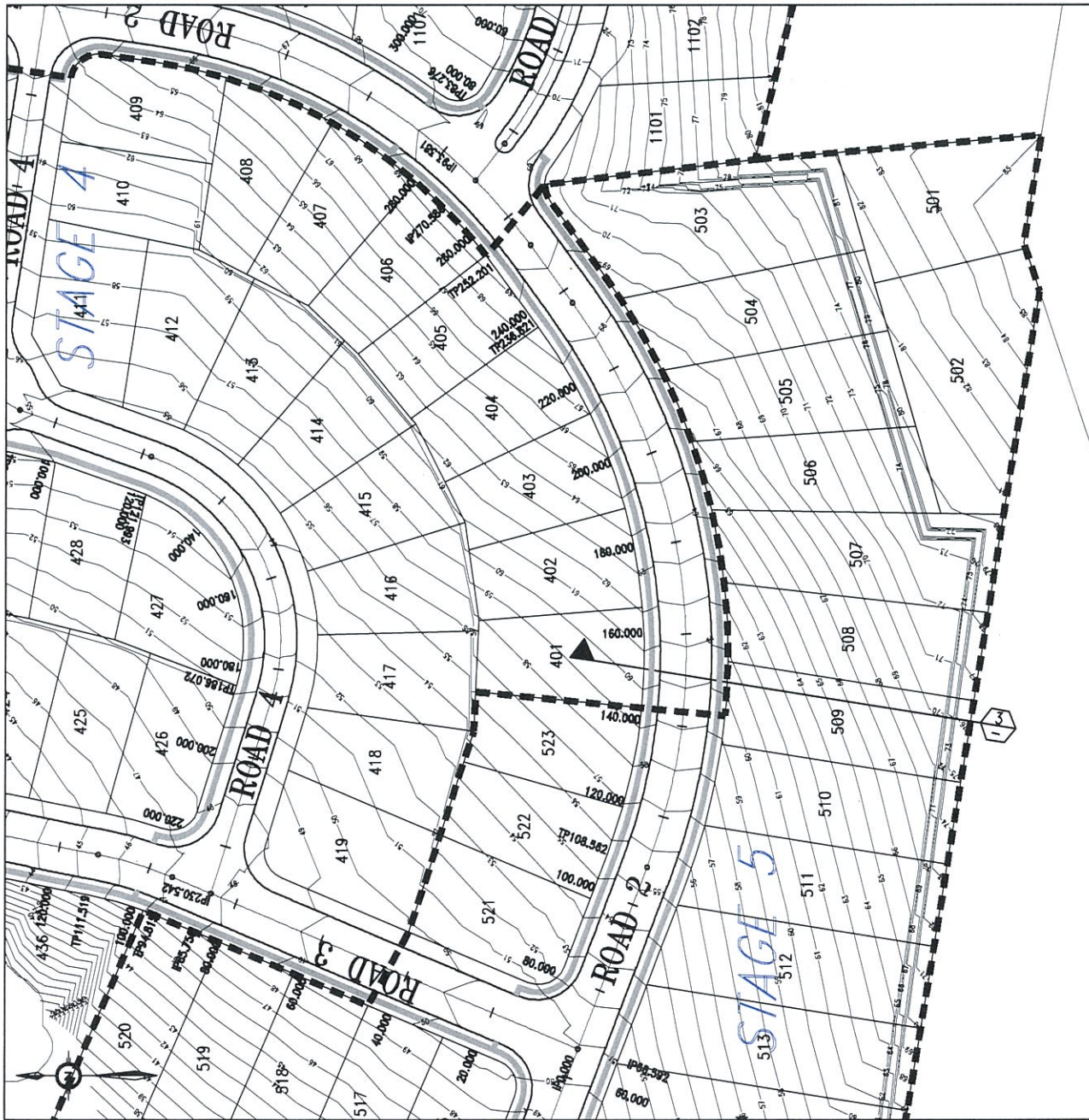


METRICON (QLD) PTY LTD
ALTITUDE 1 – FRASER DRV. TERRANORA
BUILDING PAD LAYOUT & SECTIONS.
Sheet 1 of 3

D.A.PROJECT APPL. No. MP09-0166
09-374
30-04-2010

SK2758
REVISION A





SECTION 3
SCALE 1:500

METRICON (QLD) PTY LTD
ALTITUDE 1 - FRASER DRY, TERRANORA
BUILDING PAD LAYOUT & SECTIONS.
Sheet 2 of 3

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09-374
SECTION A

SK2759
30-04-2010
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0 5 10 15 20 25m
1 : 500 (FULL SIZE)