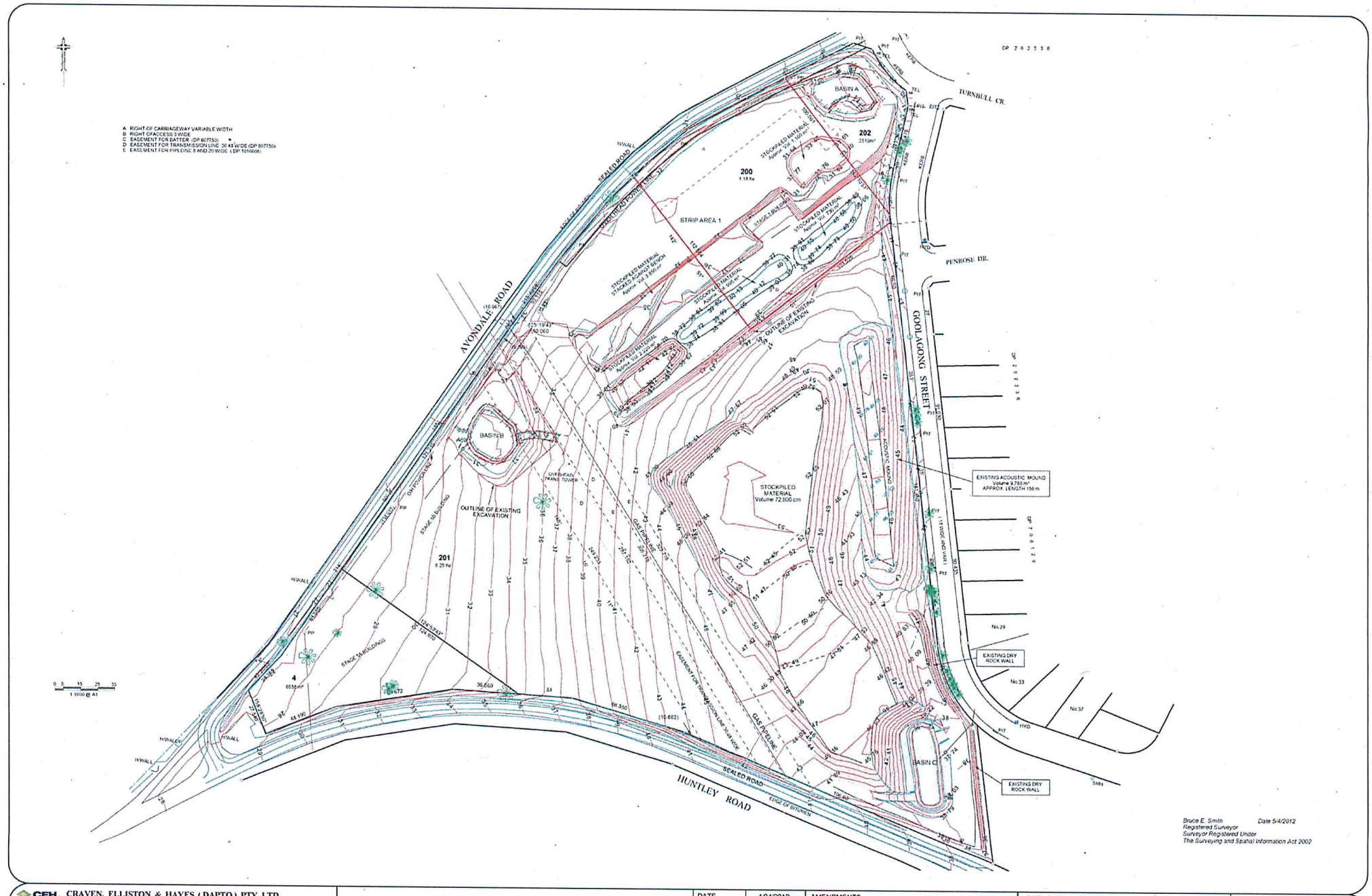
Appendix C – CEH SURVEYORS PLANS

- A1-D208150-PLAN 1
- A1-D208150-PLAN 2
- A1-D208150-PLAN 3



Bruce E. Smith Date 5/4/2012
Registered Surveyor
Surveyor Registered Under
The Surveying and Spatial Information Act 2002

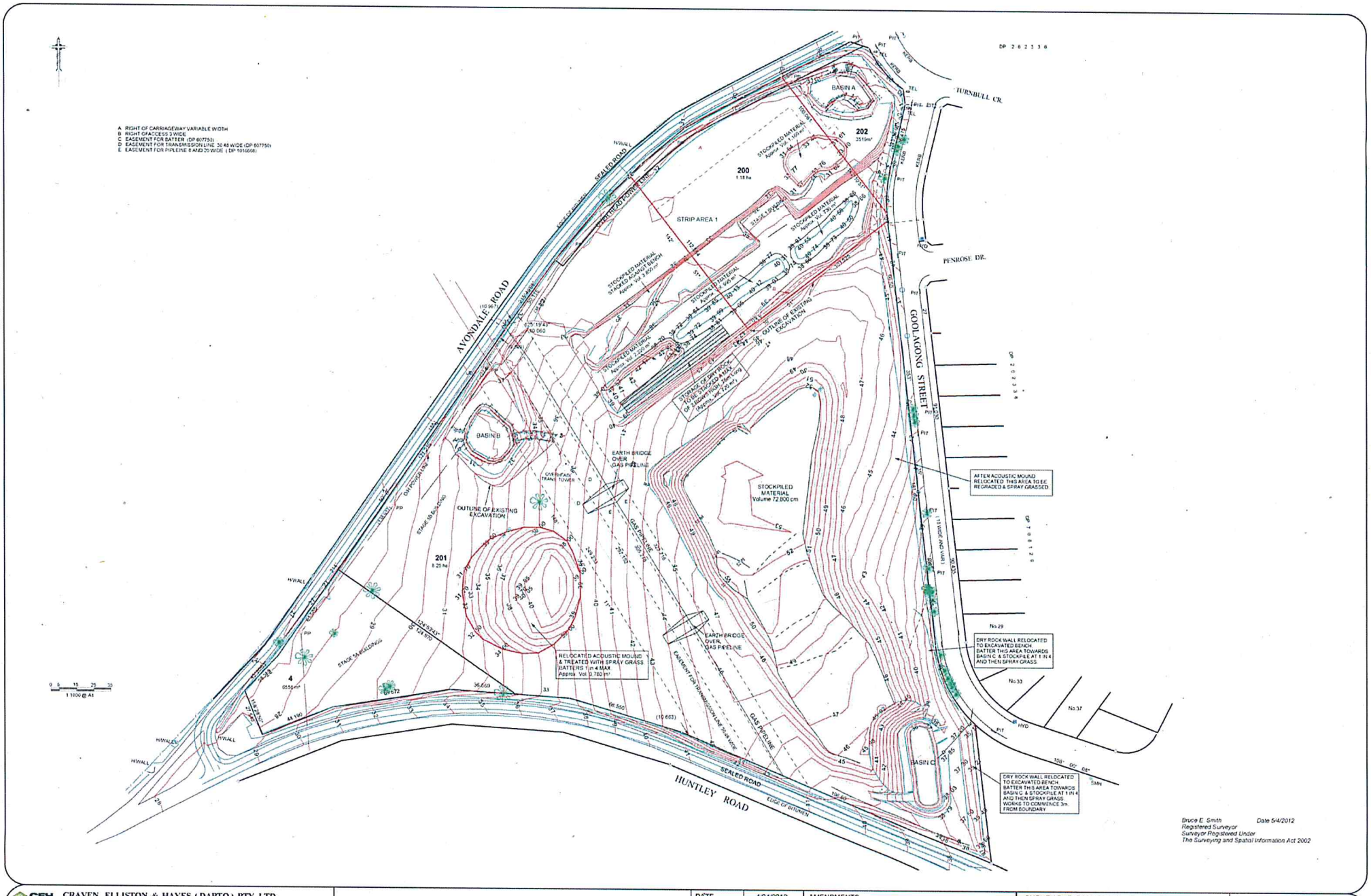
CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A B N 81 050 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
"THE LINK" 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243
BSI ISO 9001

PLAN 1 - BASE SURVEY

LOTS 200, 201 & 202 DP 1156078 & 4 DP 258024
CNR HUNTLEY AND AVONDALE RD'S

DATE	4/04/2012	AMENDMENTS	SURVEY FILE: D208150-Relocation Plan 1A
SURVEYOR	B.E.S.		DWG FILE: D208150-Base Survey
DRAWN	B.E.S.		
CHECKED	B.E.S.		

DRAWING No.
A1-D208150-PLAN 1
SCALE 1:1000
Sheet 1 of 1 Sheets



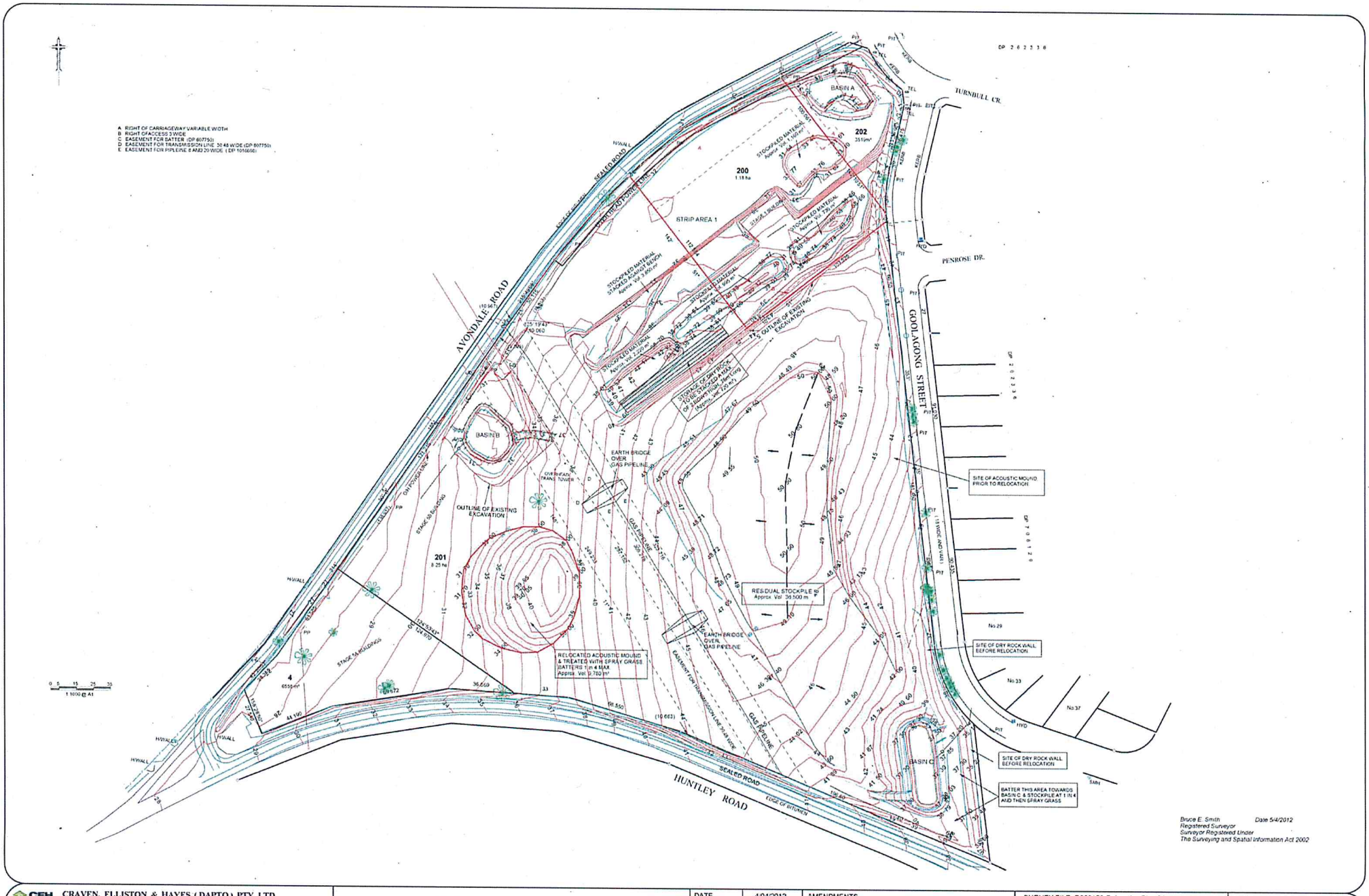
Bruce E. Smith Date 5/4/2012
Registered Surveyor
Surveyor Registered Under
The Surveying and Spatial Information Act 2002

CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A. B. N. 81 050 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
"THE LINK" 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243
BSI ISO 9001

PLAN 2 - RELOCATED ROCK WALL and ACOUSTIC MOUND PLAN (PROPOSED)
LOTS 200, 201 & 202 DP 1156078 & 4 DP 258024
CNR HUNTLEY AND AVONDALE RD'S

DATE	4/04/2012	AMENDMENTS	SURVEY FILE: D208150-Relocation Plan 2A
SURVEYOR	B.E.S.		DWG FILE: D208150-Relocation PLAN 2
DRAWN	B.E.S.		
CHECKED	B.E.S.		

DRAWING No.
A1-D208150-PLAN 2
SCALE 1:1000
Sheet 1 of 1 Sheets



Bruce E. Smith Date 5/4/2012
Registered Surveyor
Surveyor Registered Under
The Surveying and Spatial Information Act 2002

CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A. B. N. 81 056 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
"THE LINK" 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243
BSI ISO 9001

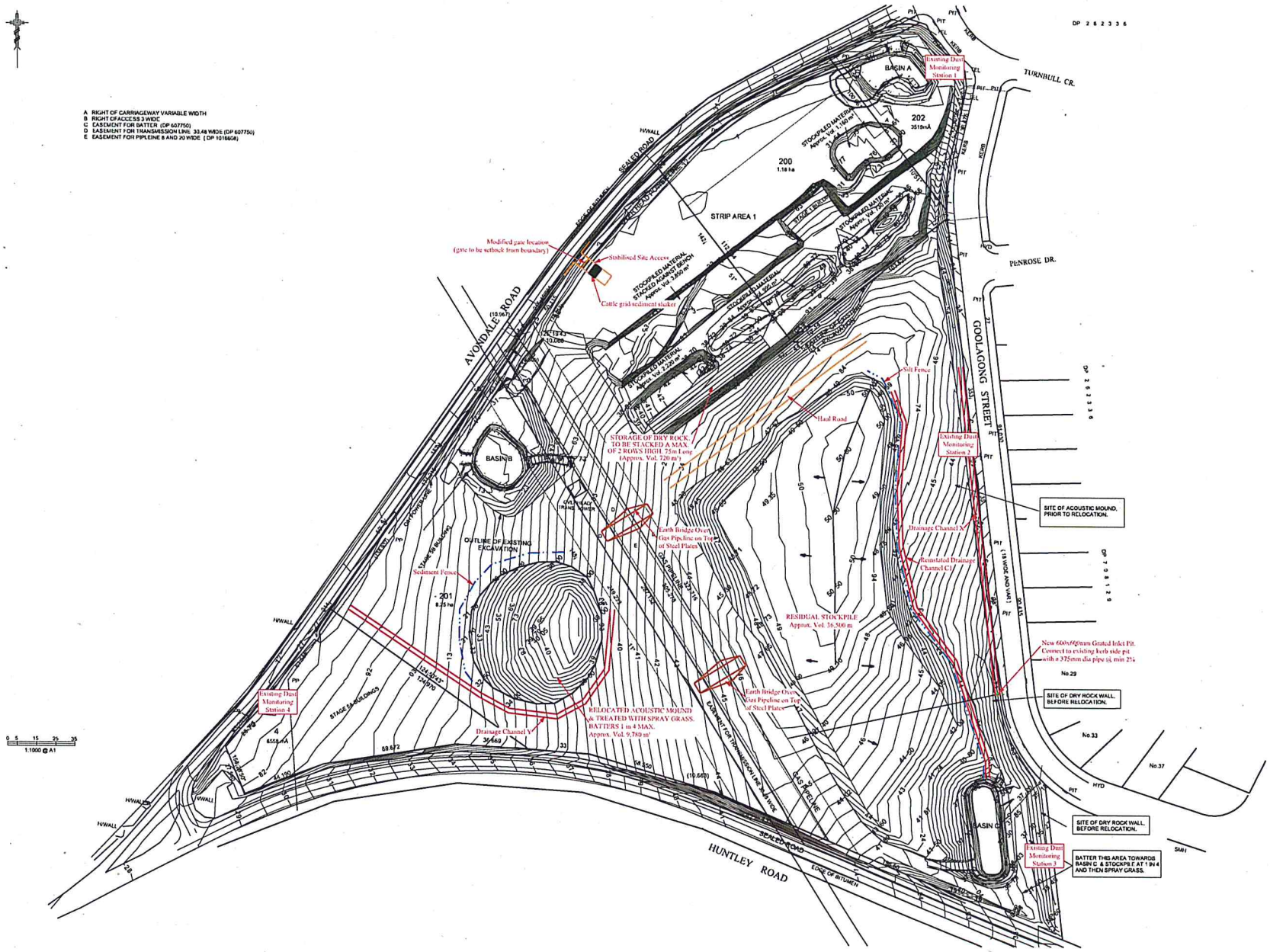
PLAN 3 - RESIDUAL STOCKPILE PLAN - (PROPOSED)

LOTS 200, 201 & 202 DP 1156078 & 4 DP 258024
CNR HUNTLEY AND AVONDALE RD'S

DATE	4/04/2012	AMENDMENTS	SURVEY FILE: D208150-Relocation Plan 3A
SURVEYOR	B.E.S.		DWG FILE: D208150-Relocation PLAN 3
DRAWN	B.E.S.		
CHECKED	B.E.S.		

DRAWING No.
A1-D208150-PLAN 3
SCALE 1:1000
Sheet 1 of 1 Sheets

Appendix D – PROPOSED SITE MANAGEMENT PLAN



PROPOSED SITE MANAGEMENT PLAN

SCALE - 1:1000 @ A1, 1:2000 @ A3

CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A.B.N. 81 068 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
"THE LINK" 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243
BSI ISO 9001

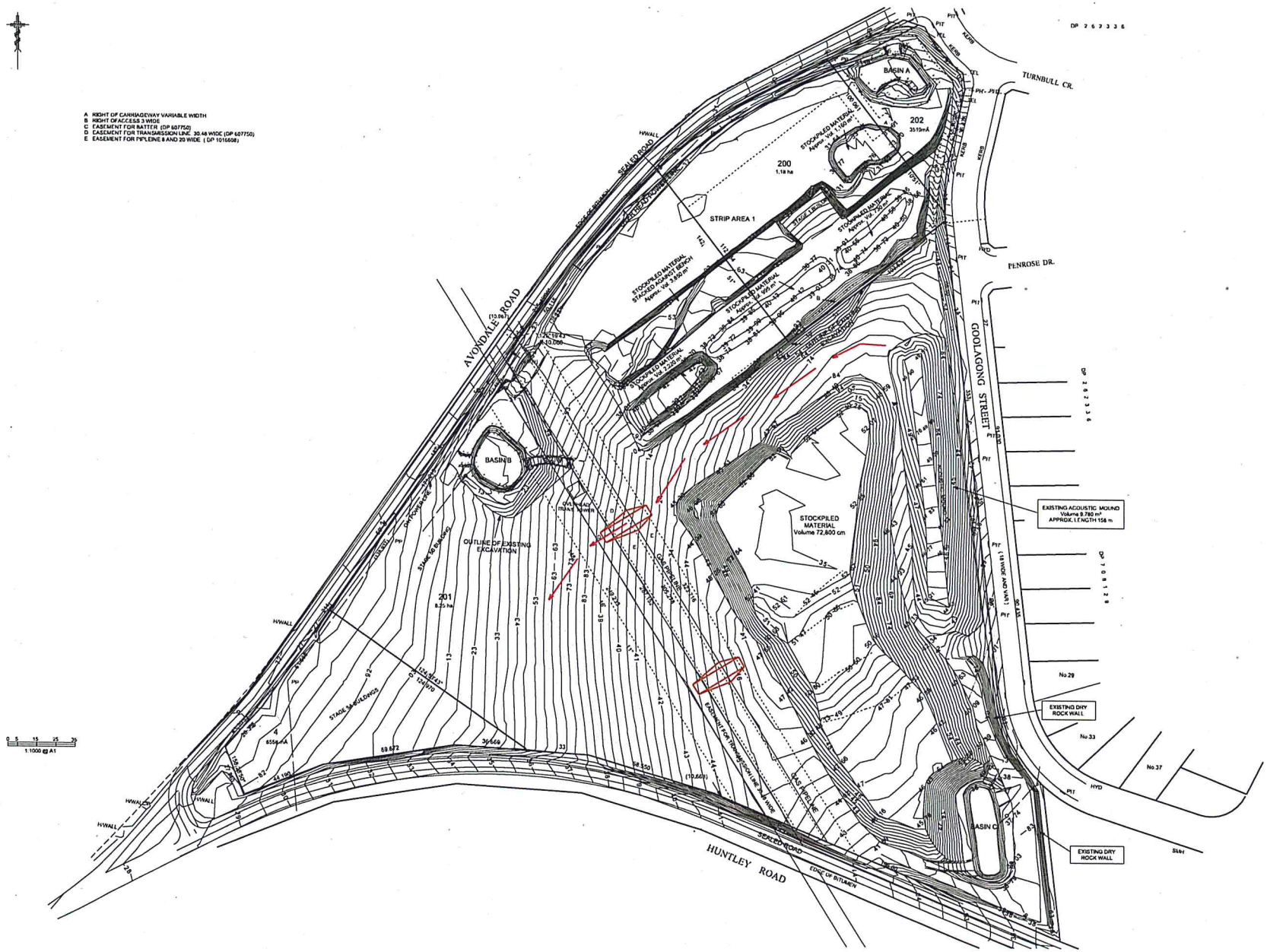
JORDAN, MEALEY & PARTNERS PTY. LTD.
Consulting Civil-Structural Engineers
Suite 3,10 Beverley Ave,Warilla. (02) 4296 6682 Fax (02) 4296 6523
P.O.Box 137, Warilla 2528. A.C.N. 075 099 795

Proposed Hospital Precinct.
Additional Site Management Plan.
For: LA VIE DEVELOPMENTS PTY LTD.
At: Cnr of Avondale & Huntley Roads, Penrose.

REVISIONS:

Date:	Designed:	Job Number:
6/7/12	G.M.	20120070
Drawn: S.D.	Checked:	Scale: As Shown
		Sheet 1 of 1

Appendix E – TRUCK MOVEMENT PLANS



ACOUSTIC MOUND REMOVAL TRUCK MOVEMENTS

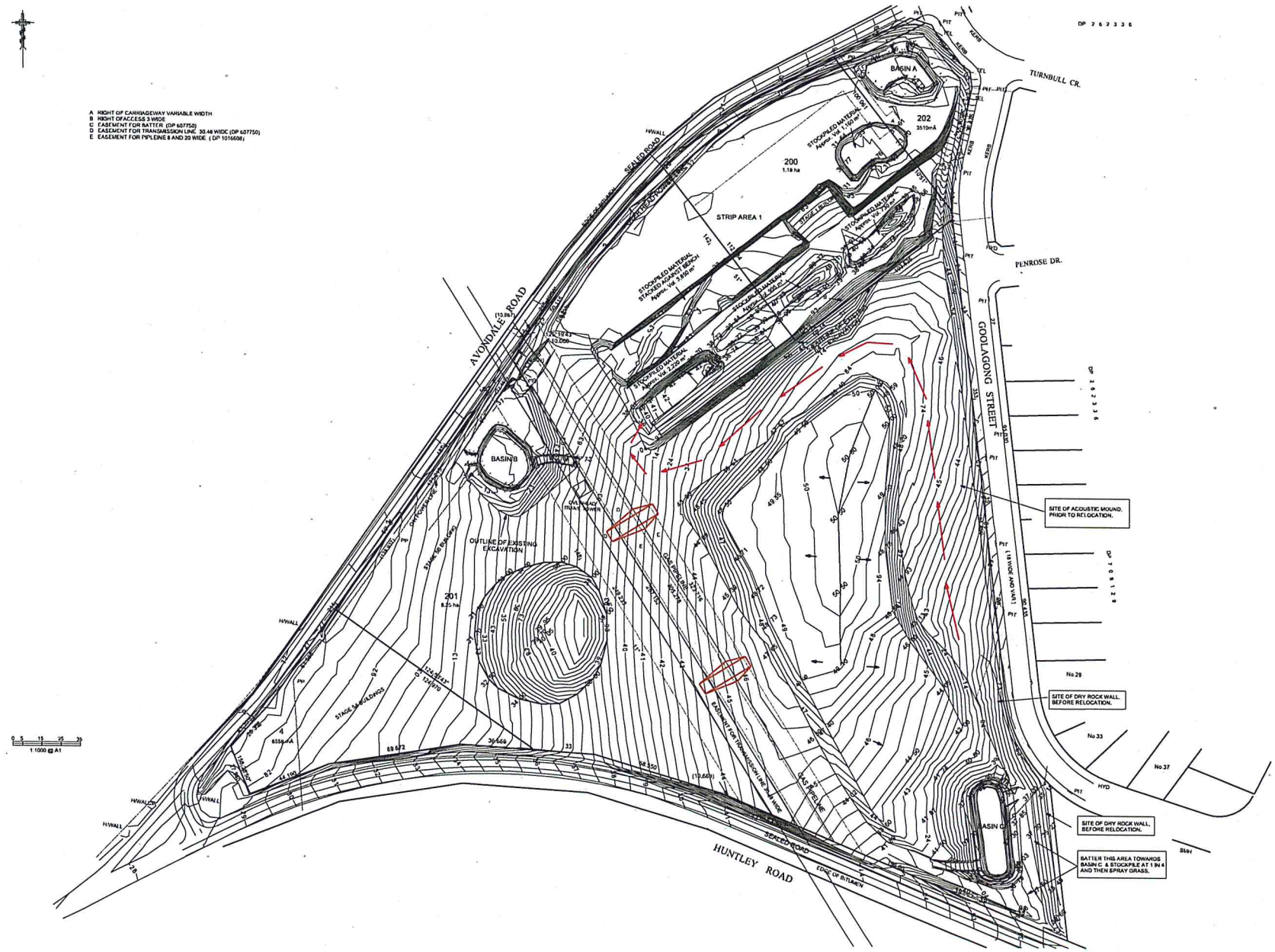
SCALE - 1:1000 @ A1, 1:2000 @ A3

JORDAN, MEALEY & PARTNERS PTY. LTD.
Consulting Civil-Structural Engineers
Suite 3,10 Beverley Ave,Warilla. (02) 4296 6682 Fax (02) 4296 6523
P.O.Box 137, Warilla 2528. A.C.N. 075 099 795

Proposed Hospital Precinct.
Truck Movement Plans.
For: LA VIE DEVELOPMENTS PTY LTD.
At: Cnr of Avondale & Huntley Roads, Penrose.

REVISIONS:

Date:	Designed:	Job Number:	
28/5/12	G.M.	20120070	
Drawn: S.D.	Checked:	Scale: As Shown	Sheet 1 of 2



STACKED ROCK WALL REMOVAL TRUCK MOVEMENTS

SCALE - 1:1000 @ A1, 1:2000 @ A3

JORDAN, MEALEY & PARTNERS PTY. LTD.
Consulting Civil-Structural Engineers
Suite 3,10 Beverley Ave, Warilla. (02) 4296 6682 Fax (02) 4296 6523
P.O Box 137, Warilla 2528. A.C.N. 075 099 795

Proposed Hospital Precinct.
Truck Movement Plans.
For: LA VIE DEVELOPMENTS PTY LTD.
At: Cnr of Avondale & Huntley Roads, Penrose.

REVISIONS:

Date:	Designed:	Job Number:	
28/5/12	G.M.	20120070	
Drawn: S.D.	Checked:	Scale: As Shown	Sheet 2 of 2

Appendix F – MONITORING SCHEDULE

JORDAN MEALEY AND PARTNERS
Consulting Civil-Structural Engineers

Suite 3, 10 Beverley Ave, Warilla
Ph. (02) 42972199 Fax (02) 42966523
P.O. Box 137, Warilla 2528
A.C.N. 075 099 795

ADDITIONAL ILLAWARRA HEALTH PRECINCT SITE MONITORING SCHEDULE

Item	Item to Check	Possible Action Required	Drawing	Testing Method	Frequency	Inspected By	Records
Drainage Channels	1. Scouring 2. Sediment build up 3. Channel dimensions	Seed and apply Jute matting Remove sediment Remove sediment	Appendix D	Visual	Weekly & After storms	Contractor	Log sheet
Rock Check Dams	1. Sediment build up 2. Dam stability	Remove sediment Rebuild rock check dams	SD 5-4	Visual	Weekly & After storms	Contractor	Log sheet
Earth Bridge	1. Condition	Recompact fill	Appendix D	Visual	Weekly & After storms	Contractor	Log sheet
Stabilised Site Access	1. Sediment build up 2. Condition	Remove sediment Relay aggregate and cattle grid	SD 6-14	Visual	Weekly & After storms	Contractor	Log sheet
Stockpiles	1. Vegetation growth 2. Stability	Seed if required Reduce bank slope	SD 4-1	Visual	Weekly & After storms	Contractor	Log sheet
Sediment Fences	1. Sediment build up	Remove sediment	SD 6-8	Visual	Weekly & After storms	Contractor	Log sheet
Geotextile Inlet Filter	1. Sediment build up	Remove sediment and repair	SD 6-12	Visual	Weekly & After storms	Contractor	Log sheet
Inlet Pit	1. Sediment build up	Remove sediment	Appendix D	Visual	Weekly & After storms	Contractor	Log sheet
Thermometer	1. Temperature	NA	NA	Visual	Daily	Contractor	Log sheet
Wind meter	1. Wind speed	NA	NA	Visual	Daily	Contractor	Log sheet
Wind sock	1. Wind direction	NA	NA	Visual	Daily	Contractor	Log sheet

Appendix G – LOG SHEET

JORDAN MEALEY AND PARTNERS
Consulting Civil-Structural Engineers

Suite 3, 10 Beverley Ave, Warilla
Ph. (02) 42972199 Fax (02) 42966523
P.O. Box 137, Warilla 2528
A.C.N. 075 099 795

ADDITIONAL ILLAWARRA HEALTH PRECINCT SITE INSPECTION LOG SHEET

DATE:	Drainage Channels	Rock Check Dams	Earth Bridge	Stabilised Site Access	Stockpiles	Sediment Fences	Geotextile Inlet Filter	Temperature	Wind Speed	Wind Direction	Inlet Pit	Comments	Corrective Work Undertaken	Inspected By

Appendix H – MARTENS CONSULTING ENGINEERS INSPECTION AND TEST PLAN

Table 9: Inspection and test plan.

Element	Inspections			Testing		Inspectorate			Notes / Documentation Required
	Activity	Standard	Acceptance Criteria	Method	Freq.	SUB	CON	ENG	
Sediment Fences	1. Check accumulation of sediment and condition of all fences. 2. Remove sediment as required.	Fig SD 6-8	< 30 % design capacity is lost to accumulated sediment.	Visual	Weekly Storms		X		Annotate / complete site SWMP log-sheet.
Sediment Basins	1. Check inlet points for scour and repair as required. 2. Check decant and outlet structure for blockages and operation. 3. Check weir and spillway condition. Repair as required. 4. Re-use water for dust control as required. 5. Add flocculent (eg. gypsum at 32kg/100m^3) evenly over entire surface of pond at completion of storm event. 6. Decant after minimum 36 hours. 7. Remove accumulated sediment in sediment storage zone when 50 % capacity has been exhausted.	Attach. D Fig SD 6-4	1. No visible scour on inlet(s), weir, spillway. 2. Decant and outlet structures are not blocked and are functional. 3. Discharge when suspended solids < 50 mg/L (determine by water testing or when submerged 50 mm disk is clearly visible at > 30 cm depth). 4. Sediment storage zone capacity > 50 %.	Visual Test	Storms		X		Annotate / complete site SWMP log-sheet noting flocculent used and application rate and period (in hours) between flocculent addition and discharge. Note any water re-use activities. Flocculent application rate may be varied by contractor provided acceptance criteria are met. All variations to be noted in SWMP log-sheet.
Earth Banks	Check condition of banks and repair as required.	Fig SD 5-6	Bed and banks are have not been eroded.	Visual	Weekly Storms		X		Annotate / complete site SWMP log-sheet.
Overland Flow Paths	Check condition of reinforced overland flow paths and repair as required.	Fig SD 5-7	Topsoil > 75 mm deep. Jute matting / other lining is secure and covers full extent of overland flow path.	Visual	Weekly		X		Annotate / complete site SWMP log-sheet.
Check Dams	Check condition of check dams and repair as required. Remove sediment as required.	Fig SD 5-4	Check dam is stable. < 30 % design capacity is lost to accumulated sediment.	Visual	Weekly Storms		X		Annotate / complete site SWMP log-sheet.

Element	Inspections			Testing		Inspectorate			Notes / Documentation Required
	Activity	Standard	Acceptance Criteria	Method	Freq.	SUB	CON	ENG	
Energy Dissipaters	Check condition of energy dissipater and repair as required.	Fig SD 5-8	Extent and rock cover in accordance with SWMP design specifications.	Visual	Weekly Storms		X		Annotate / complete site SWMP log-sheet.
Stabilised Site Access	Ensure dimensions and aggregate are in place and drainage is adequate.	Fig SD 6-14	Water doesn't accumulate within access point. Aggregate will is adequately clean to prevent sediment generation.	Visual	Weekly		X		Annotate / complete site SWMP log-sheet.
Straw Bales	Ensure bale condition and location are acceptable. Remove any accumulated sediment.	Fig SD 6-7	Bale has not bio-degraded. Bale in original location. < 30 % design capacity is lost to accumulated sediment.	Visual	Weekly		X		Annotate / complete site SWMP log-sheet.
Inlet Pit Filter Socks	Remove accumulated sediment and litter. Repair / replace damaged filters.	Fig SD 6-11	Filter is undamaged and no sediment is accumulated.		Weekly Storms		X		Annotate / complete site SWMP log-sheet.
Revegetation	Undertake revegetation on completed levels as required.	Sub-contractor to specify	> 90% cover achieved	Visual	Final surface	X			Annotate / complete site SWMP log-sheet. Sub-contractor work docket / order.
Dust Monitoring	Undertake dust monitoring at each of the monitoring locations.	NSW EPA Criteria	< 4 g/m^2/month	Lab	Start-up Monthly			X	Engineer to install dust monitoring gauges. Surveyor to survey location. Issue monitoring note to contractor together with laboratory results.
Rainfall Monitoring	Collect daily rainfall data from site rain gauge at 9am. Empty rain gauge at 9am daily.	Nil	Nil	Visual	Daily		X		Annotate / complete site SWMP log-sheet.

Element	Inspections			Testing		Inspectorate			Notes / Documentation Required
	Activity	Standard	Acceptance Criteria	Method	Freq.	SUB	CON	ENG	
SWMP Audit 1	Confirm placement of sediment fences and need for further fencing	Fig SD 6-8	Appropriate coverage and installation.	Visual	After sediment fence install			W	Issue audit note to contractor.
SWMP Audit 2	Confirm basins bund footings. Issue notice of outstanding works for any incomplete	Attach. D	Elements are installed and operational in accordance with this SWMP.	Visual	After all excavation			H	Issue audit note to contractor with any supplementary rectification works. Engineer to certify dam wall geotechnical stability. Multiple audit inspections may be required. Follow-up audit if footings are incomplete / inadequate.
SWMP Audit 3	Confirm completion of sediment basins. Issue notice of outstanding works for any incomplete	Attach. D	Elements are installed and operational in accordance with this SWMP.	Visual	After construct.			H	Issue audit note to contractor. Multiple audit inspections may be required. Follow-up audit required if all SWMP works are not complete.
SWMP Audit 4	Confirm construction of overland flow paths and other erosion control structures. Issue notice of outstanding works for any incomplete	Attach. D	Elements are installed and operational in accordance with this SWMP.	Visual	After all SWMP items install			H	Issue audit note to contractor. Multiple audit inspections may be required. Outstanding SWMP matters to be noted. Follow-up audit required if all SWMP works are not complete.
SWMP Audit 5	2 weekly inspection by engineer to audit site operations	Attach. D	Elements are installed and operational in accordance with this SWMP.	Visual	2 weeks			W	Issue audit note to contractor covering all soil and water management measures noted in this SWMP.
SWMP Audit 6	Inspection by engineer to audit site operations following major rainfall event (> 50 mm/day)	Attach. D	Elements are installed and operational in accordance with this SWMP.	Visual	Storm			W	Issue audit note to contractor.
Works as Executed Plan (WAE)	Surveyor to prepare works as executed plan	SWMP	Design levels are in accordance with this SWMP or as modified by project engineer.	Survey	On completion	X			Surveyor to issue WAE plans to engineer and contractor. Surveyor to confirm that final design levels are completed.
Certification	Engineer to inspect site and issue certification of SWMP works as complete on completion of earthworks and site stabilisation and issue of WAE	SWMP	Site is stable and design surfaces are revegetated.	Visual	On completion			W	Issue certification note to contractor.
Legend:	SUB – Sub-contractor X – Work activity	CON – Principal Contractor S - Surveillance	ENG – Supervising Engineer W – Witness Point	H – Hold Point					

Appendix I – MARTENS CONSULTING ENGINEERS SITE LOG-SHEET

Table 10: Site log-sheet for SWMP (multiple entries per day as required).

Date	Weather Conditions	9am Rain (mm)	Sediment Basins	Earth Banks	Overland Flow Paths	Check Dams	Energy Dissipaters	Stabilised Site Access	Straw Bales	Inlet Pit Filter Socks	Revegetation	Works Completed	Comments	Initial

Appendix J – MARTENS CONSULTING ENGINEERS SOIL TEST DATA

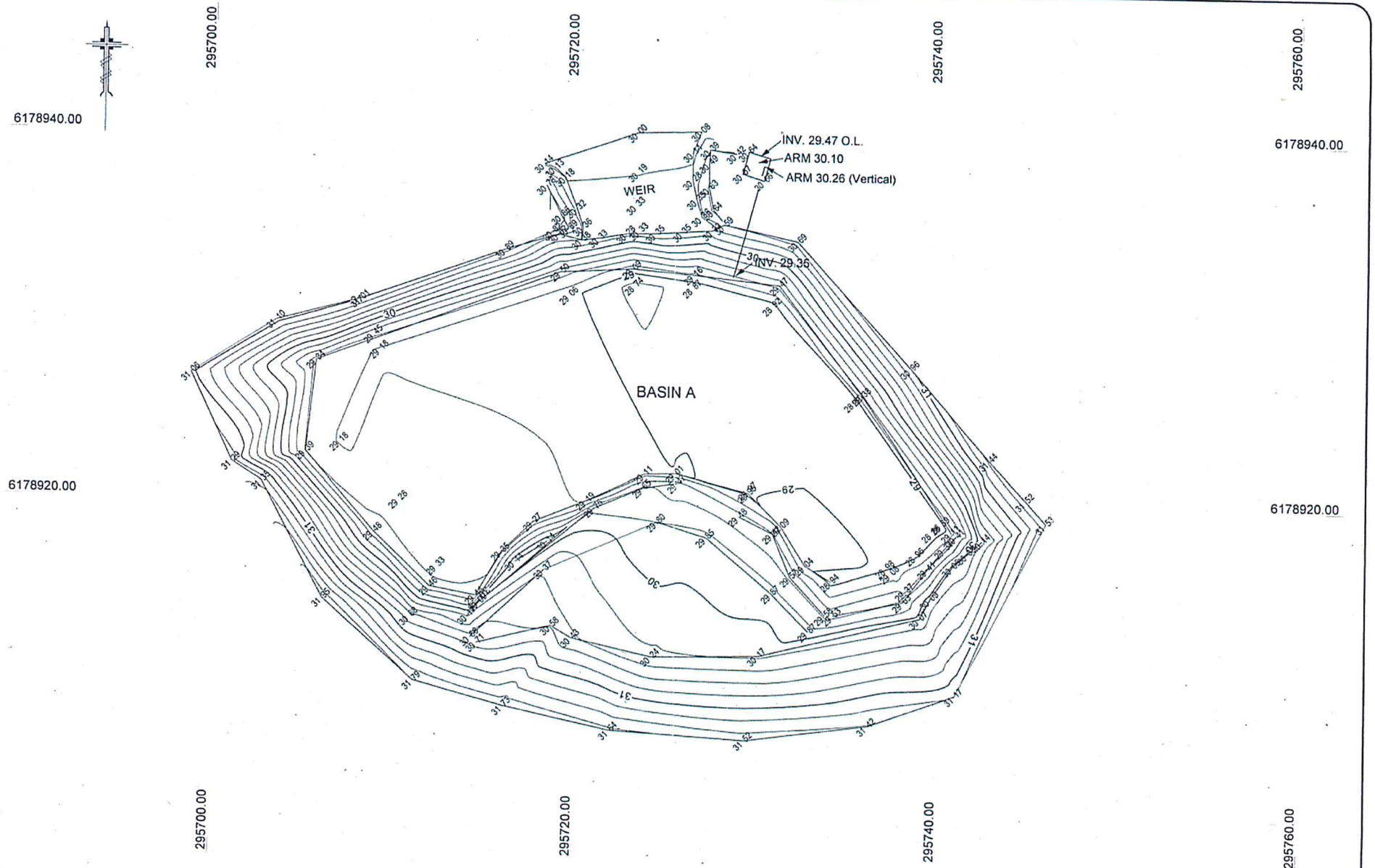
Table 1: Soil test data.

Element	MA1	MA2
Clay % [1]	32/28	11/10
Silt % [1]	21/24	13/10
Fine Sand % [1]	43/43	29/30
Coarse Sand & [1]	4/5	22/25
Gravel % [1]	0/0	25/25
Dispersion %	32	52
Organic Carbon %	1.00	0.28
K-factor	0.043	0.033
Rating	High	Moderate
Dispersion Fraction x (Clay + Silt/2)	13.6	9.1
Soil Type [1]	D	C

Notes

1. Type D soils are if Dispersion Fraction x (Clay + Silt/2) > 10.

Appendix K – CEH SEDIMENT BASIN SURVEYS & CERTIFICATION



CEH - CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A. B. N. 81 056 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366
FAX 02 42 615243
BSI ISO 9001

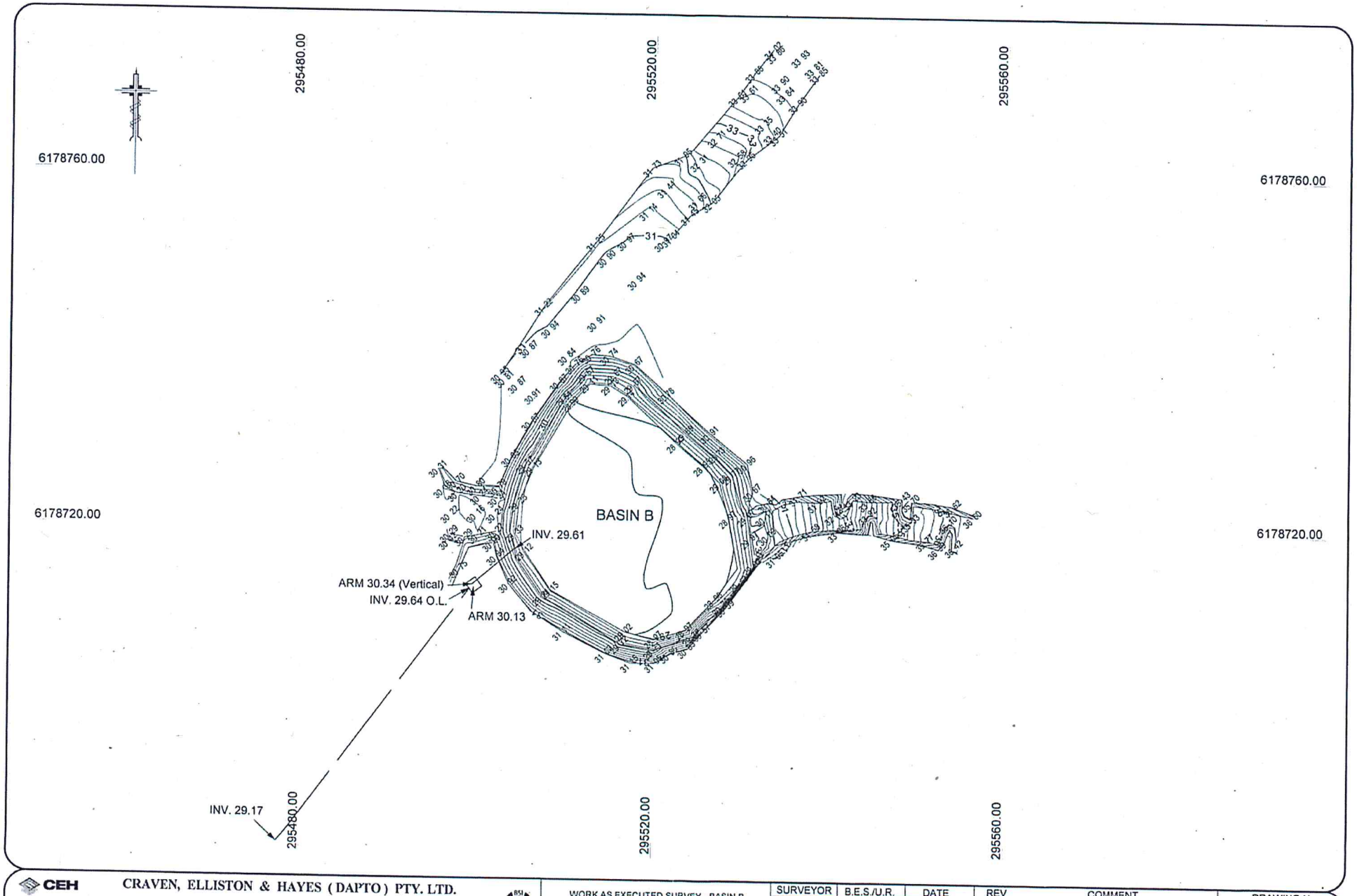
WORK AS EXECUTED SURVEY - BASIN A

AVONDALE ROAD, PENROSE

For LA VIE DEVELOPMENTS PTY LTD

SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	7/03/2012	A	
CHECKED	B.E.S.			
SURVEY FILE	D208150-WAE-PONDS			
FILE NAME:	D208150-WAE-BASIN-A			

DRAWING No.
A3-D208150-WAE
SCALE 1:200
Sheet 1 of 2 Sheets



CEH

CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.

A. B. N. 81 056 544 604

CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS

'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530

PHONE 02 42 614366 FAX 02 42 615243

BSI: ISO 9001

WORK AS EXECUTED SURVEY - BASIN B

AVONDALE ROAD, PENROSE

For LA VIE DEVELOPMENTS PTY LTD

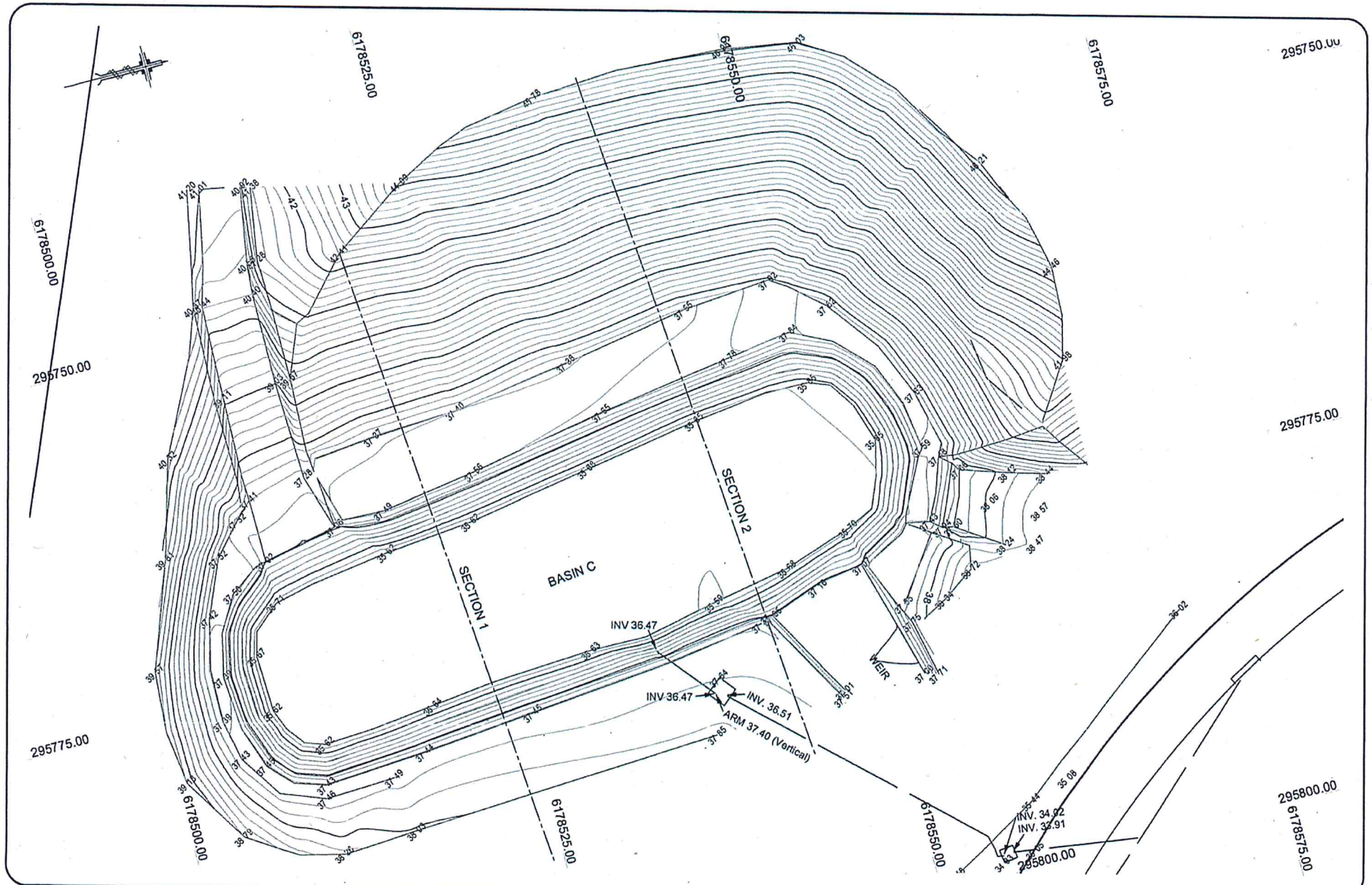
SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	7/03/2012	A	
CHECKED	B.E.S.			
SURVEY FILE	D208150-WAE-PONDS			
FILE NAME:	D208150-WAE-BASIN-B			

DRAWING No.

A3-D208150-WAE

SCALE 1:400

Sheet 2 of 2 Sheets



CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A.B.N. 61 058 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614368 FAX 02 42 615243

BSI: ISO 9001

WORK AS EXECUTED SURVEY - BASIN C
AVONDALE ROAD, PENROSE
For LA VIE DEVELOPMENTS PTY LTD

SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	4/04/2012	B	ADDITIONAL INVERTS SHOWN 16/04/2012
CHECKED	B.E.S.			
SURVEY FILE:	D208150_040412-Basin C			
FILE NAME:	D208150-WAE-Basin-C			

DRAWING No.
A3-D208150-WAE- C
SCALE 1:250
Sheet 1 of 1 Sheets

Craven Elliston & Hayes (Dapto) Pty Ltd
ABN 81 056 544 604
Registered Surveyors

22nd March, 2012

Our Ref: D208150

LA VIE DEVELOPMENTS PTY LTD
Mariners Court
44-50 McElhone Street
WOOLLOOMOOLOO NSW 2011

Attention:- Dr. Brett Gooley

Re: Sediment Control Basins 'A' and 'B' - Work as Executed Survey.

Dear Sir,

Acting under your instructions we have completed work as executed surveys on the two completed basins located on the Illawarra International Health Precinct project at Avondale Road, Penrose.

The two basins are identified on the design plans prepared by Martens & Associates Pty Ltd.

I certify that the volumes tabulated below are correct and have been calculated from the work as executed surveys completed on 7th March 2012.

	Units	Basin 'A'	Basin 'B'
Settling Zone Capacity	m^3	447	414
Settling Zone Depth	mm	860	640
Sediment Storage Zone	m^3	125	282
Total Basin Capacity (to overflow weir invert)	m^3	572	696

Yours faithfully
Craven, Elliston & Hayes (Dapto) Pty Ltd

Bruce E. Smith M.I.S. (NSW) MSSSI
Surveyor Registered Under
The Surveying and Spatial Information Act 2002

Craven Elliston & Hayes (Dapto) Pty Ltd
ABN 81 056 544 604
Registered Surveyors

10th April, 2012

Our Ref: D208150

LA VIE DEVELOPMENTS PTY LTD
Mariners Court
44-50 McElhone Street
WOOLLOOMOOLOO NSW 2011

Attention:- Dr. Brett Gooley

Re: Sediment Control Basin 'C' - Work as Executed Survey.

Dear Sir,

Acting under your instructions we have completed work as executed survey on the completed basin 'C' located on the Illawarra International Health Precinct project at Avondale Road, Penrose.

The basin is identified on the design plans prepared by Martens & Associates Pty Ltd.

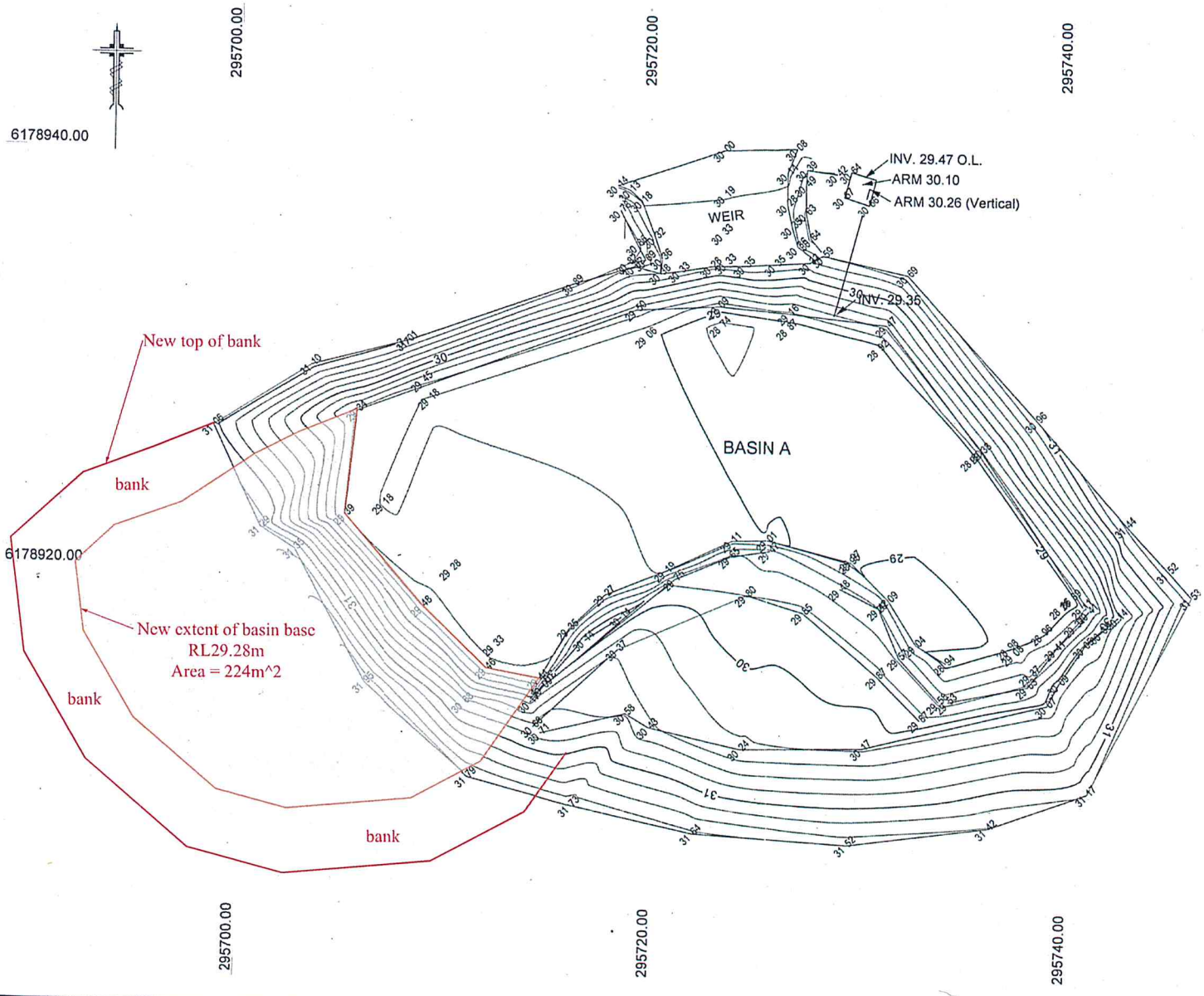
I certify that the volumes tabulated below are correct and have been calculated from the work as executed surveys completed on 4th April 2012.

	Units	Basin 'C'
Settling Zone Capacity (RL37.0 - RL36.4)	m^3	413
Settling Zone Depth	mm	600
Sediment Storage Zone (to RL36.4)	m^3	421
Total Basin Capacity (to RL37.0 o/flow weir invert)	m^3	834

Yours faithfully
Craven, Elliston & Hayes (Dapto) Pty Ltd

Bruce E. Smith M.I.S. (NSW) MSSSI
Surveyor Registered Under
The Surveying and Spatial Information Act 2002

Appendix L – SEDIMENT BASIN A MODIFICATION PLAN



CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A.B.N. 81 056 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243

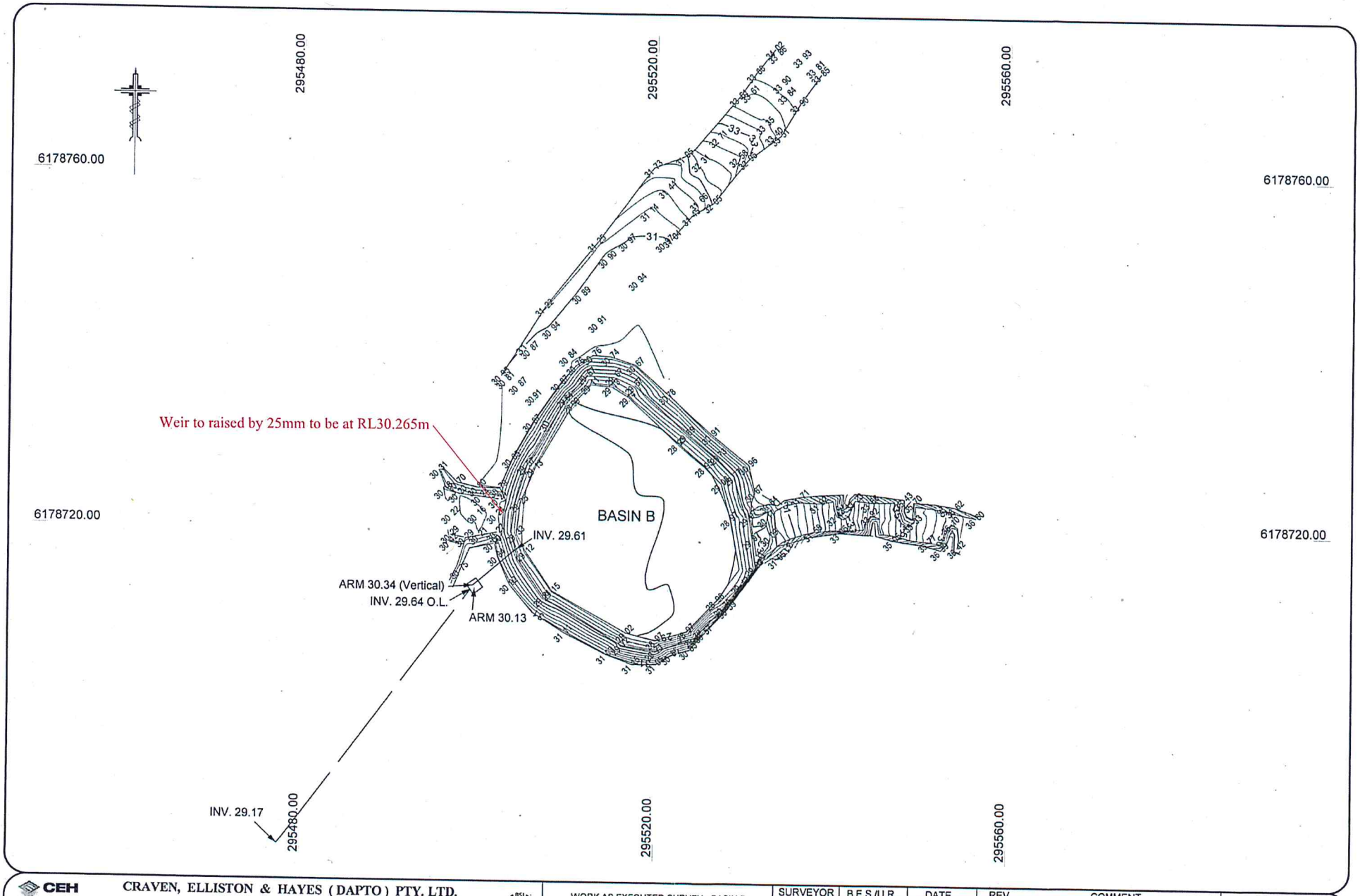
BSI ISO 9001

WORK AS EXECUTED SURVEY - BASIN A
AVONDALE ROAD, PENROSE
For LA VIE DEVELOPMENTS PTY LTD

SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	7/03/2012	A	
CHECKED	B.E.S.			
SURVEY FILE	D208150-WAE-PONDS			
FILE NAME:	D208150-WAE-BASIN-A			

DRAWING No.
A3-D208150-WAE
SCALE 1:200
Sheet 1 of 2 Sheets

Appendix M – SEDIMENT BASIN B MODIFICATION PLAN



CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A.B.N. 81 056 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243

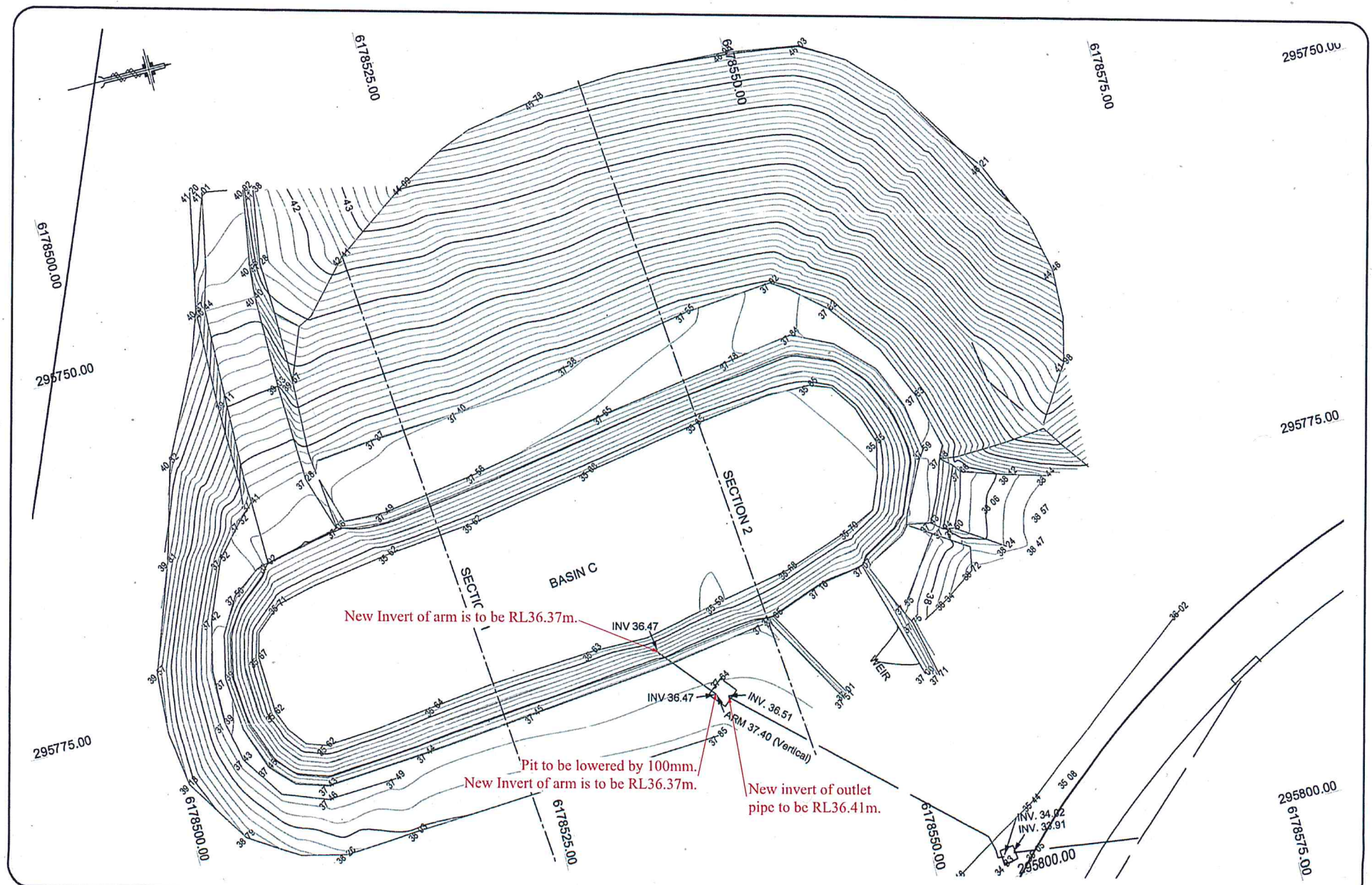
BSI ISO 9001

WORK AS EXECUTED SURVEY - BASIN B
AVONDALE ROAD, PENROSE
For LA VIE DEVELOPMENTS PTY LTD

SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	7/03/2012	A	
CHECKED	B.E.S.			
SURVEY FILE:	D208150-WAE-PONDS			
FILE NAME:	D208150-WAE-BASIN-B			

DRAWING No.
A3-D208150-WAE
SCALE 1:400
Sheet 2 of 2 Sheets

Appendix N – SEDIMENT BASIN C MODIFICATION PLAN



CEH CRAVEN, ELLISTON & HAYES (DAPTO) PTY. LTD.
A.B.N. 81 056 544 604
CONSULTING LAND, ENGINEERING AND MINING SURVEYORS, TOWN PLANNERS
'THE LINK' 44 BAAN BAAN STREET DAPTO NSW 2530
PHONE 02 42 614366 FAX 02 42 615243

BSI: ISO 9001

WORK AS EXECUTED SURVEY - BASIN C

AVONDALE ROAD, PENROSE

For LA VIE DEVELOPMENTS PTY LTD

SURVEYOR	B.E.S./U.R.	DATE	REV	COMMENT
DRAWN	B.E.S.	4/04/2012	B	ADDITIONAL INVERTS SHOWN 16/04/2012
CHECKED	B.E.S.			
SURVEY FILE:	D208150_040412-Basin C			
FILE NAME:	D208150-WAE-Basin-C			

DRAWING No.
A3-D208150-WAE- C
SCALE 1:250
Sheet 1 of 1 Sheets