PLAN FORM 3 (APPROVED FORM 5) To be used in conjunction with Plan Form 2 WARNING CREASING OR FOLDING WILL LEAD TO REJECTION

DP1119583

Registered 15-12-2008

This is sheet 3 of my plan in 5 sheets dated 7 DECEMBER 2006

Surveyor registered under Surveying Act, 2002

This is sheet 3 of my plan of 5 sheets covered by subdivision certificate No SC/101/07 of 27 September 2007

Authorised Person/~~General Manager/ Accredited Certifier~~

For use where space is insufficient in any panel on Plan Form 2

* OFFICE USE ONLY

S.B.55719

MGA NORTH

101

ROAD

HAINSWORTH

SEE DIAGRAM 'F'

RM DH&W IN CONC 296°28' 5.305

DH&W IN SV RM NAIL&W IN KERB 334°45'30" 29.15 (DP1016841)

GIN&W IN BK PAVING RM DH&W IN CONC 356°16' 4.08

GIN&W IN BK PAVING RM DH&W IN KB 17°59' 8.115

263°31' 3.395

4.27

309°30'

309°

42.04

10'

10'

357°06'15" 23.675

RM GONE (DP591088)

SSM87246 FD

95°34'50" 33.955

RM GONE (DP1016677)

29.54

49'

308° 21' 102.86

RM GONE (DP1016677) RM DH&W 114°47' 18.71

(20.115 WIDE AND AS WIDENED)

329° 55' 40" (DP1016677) 48.155

57.59

SSM54583 FD

27.83 93°19'20" (DP808447)

50.725 220°36'30" IN CONC RM DH&W 14.00 2.55

20'

170.03

STREET

DIAGRAM 'B'

(NOT TO SCALE)

GIN IN BLT KB 219°33' 4.12

218°

82.785

191.131

32'

196°32' 6.21

32'

DH&W FD IN KB (ORIGIN UNKNOWN) RM DH&W FD IN KB 308°03'30" 16.66 (DP1016841)

RM GONE (DP1016841) 308°03'30" 16.66 BY ME

80.145

(20.115 WIDE AND AS WIDENED)

DP1152403 DEPOSITATION SUBSTATION No 7793

308°30'20"

(5.875)

100

(0.07)

(0.22)

218°

RM GONE (DP847561) DH&W FD IN CONC (ORIGIN UNKNOWN)

DH&W IN CONC RM DH&W IN KB 240°55' 9.28

RM GIPOST FD IN CONC 138°21' 0.52 (DP591088)

HAWKESBURY

101

2 STOREY REND.

COR INACCESSIBLE NOT MARKED DH&W IN TOP WALL 38°35' 0.2 TO COR

(0.971)

(0.065)

(0.44)

(0.35)

(0.435)

DH&W IN BK PAVING

310°09'40" 10.295

DH&W IN CONC IN GARDEN

4.1

40°08'40"

DH&W IN BK PAVING

CH 10°18'20" 6.62 A 6.93 R 6.62

DH&W IN BK PAVING

4 STOREY CONC & GLASS

(0.015) (BOXED COL)

CH 3°13'20" 11.105 A 11.405 R 14.35

(0.04)

DH&W IN BK PAVING RM GONE (DP1016677) RM DH&W 114°47' 18.71

20'

309°

218°35'20" 6.2

7.445 295°02'20"

CH 246°42'20" 5.055 A 5.245 R 5.6

DH&W A

DH&W IN BK PAVING

DH&W IN BK PAVING RM DH&W IN CONC 75°22'25" RM GONE (DP1016677)

HAINSWORTH

(20.115 WIDE AND AS WIDENED)

29.54

49'

STREET

DIAGRAM 'F'

(NOT TO SCALE)

Reduction Ratio 1: (NOT TO SCALE)

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE S.B.55719

PLAN FORM 3 (APPROVED FORM 5) To be used in conjunction with Plan Form 2 WARNING CREASING OR FOLDING WILL LEAD TO REJECTION

DP1119583

Registered: 15-12-2008

This is sheet 4 of my plan in 5 sheets dated 7 DECEMBER 2006

Stephen F. Galton.
Surveyor registered under Surveying Act, 2002

This is sheet 4 of my plan of 5 sheets covered by subdivision certificate No SC 101/07 of 27 September 2007

R Smith
Authorised Person/~~General Manager / Accredited Certifier~~

For use where space is insufficient in any panel on Plan Form 2

* OFFICE USE ONLY

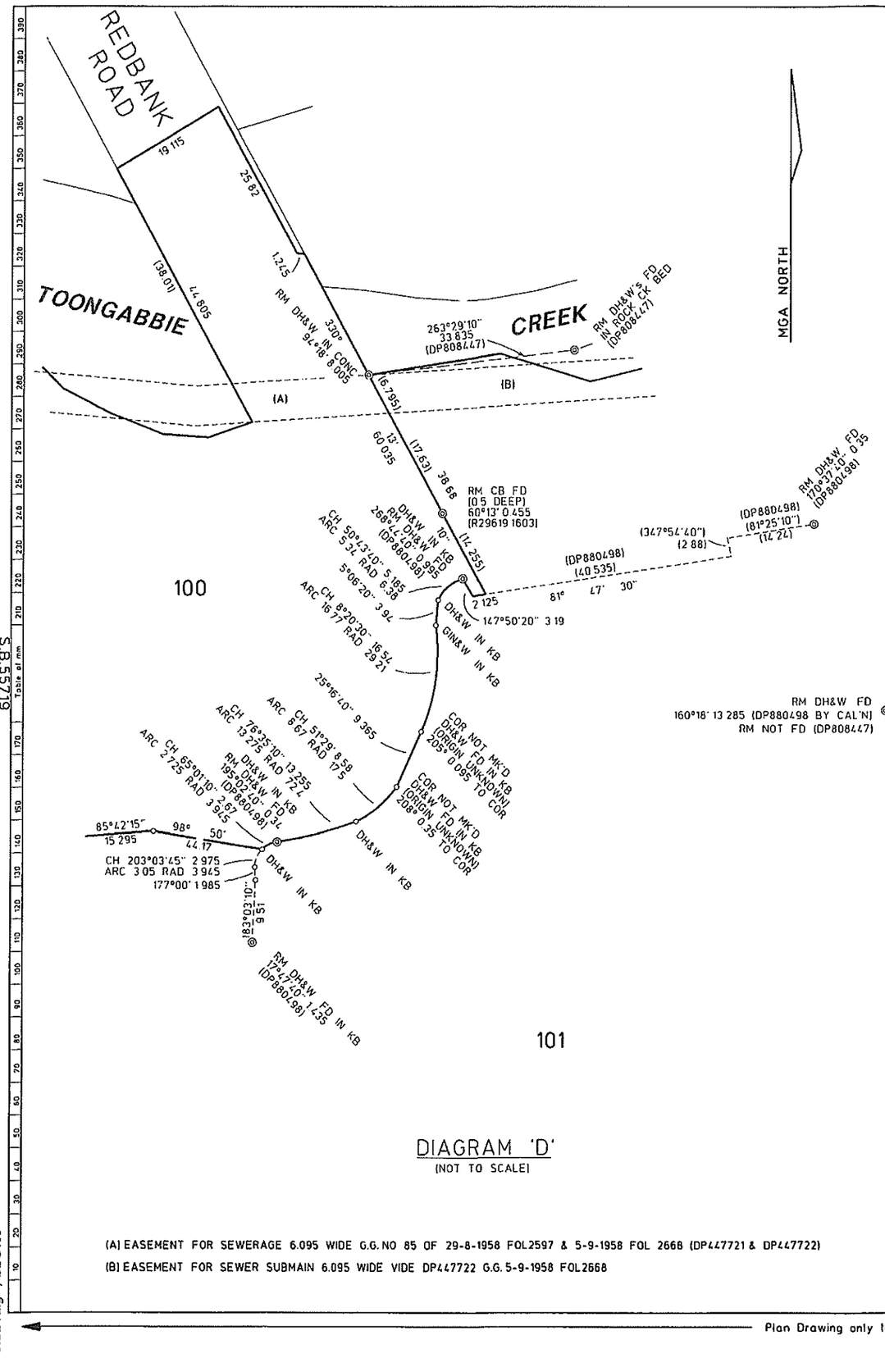


DIAGRAM 'D'
(NOT TO SCALE)

DIAGRAM 'C'
(NOT TO SCALE)

(A) EASEMENT FOR SEWERAGE 6.095 WIDE G.G. NO 85 OF 29-8-1958 FOL2597 & 5-9-1958 FOL 2668 (DP447721 & DP447722)

(B) EASEMENT FOR SEWER SUBMAIN 6.095 WIDE VIDE DP447722 G.G. 5-9-1958 FOL2668

Reduction Ratio 1: (NOT TO SCALE)

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE S.B.55719

PLAN FORM 3 (APPROVED FORM 5) To be used in conjunction with Plan Form 2 WARNING CREASING OR FOLDING WILL LEAD TO REJECTION

DP1119583

Registered 15-12-2008

This is sheet 5 of my plan in 5 sheets dated 7 DECEMBER 2006

Surveyor registered under Surveying Act, 2002

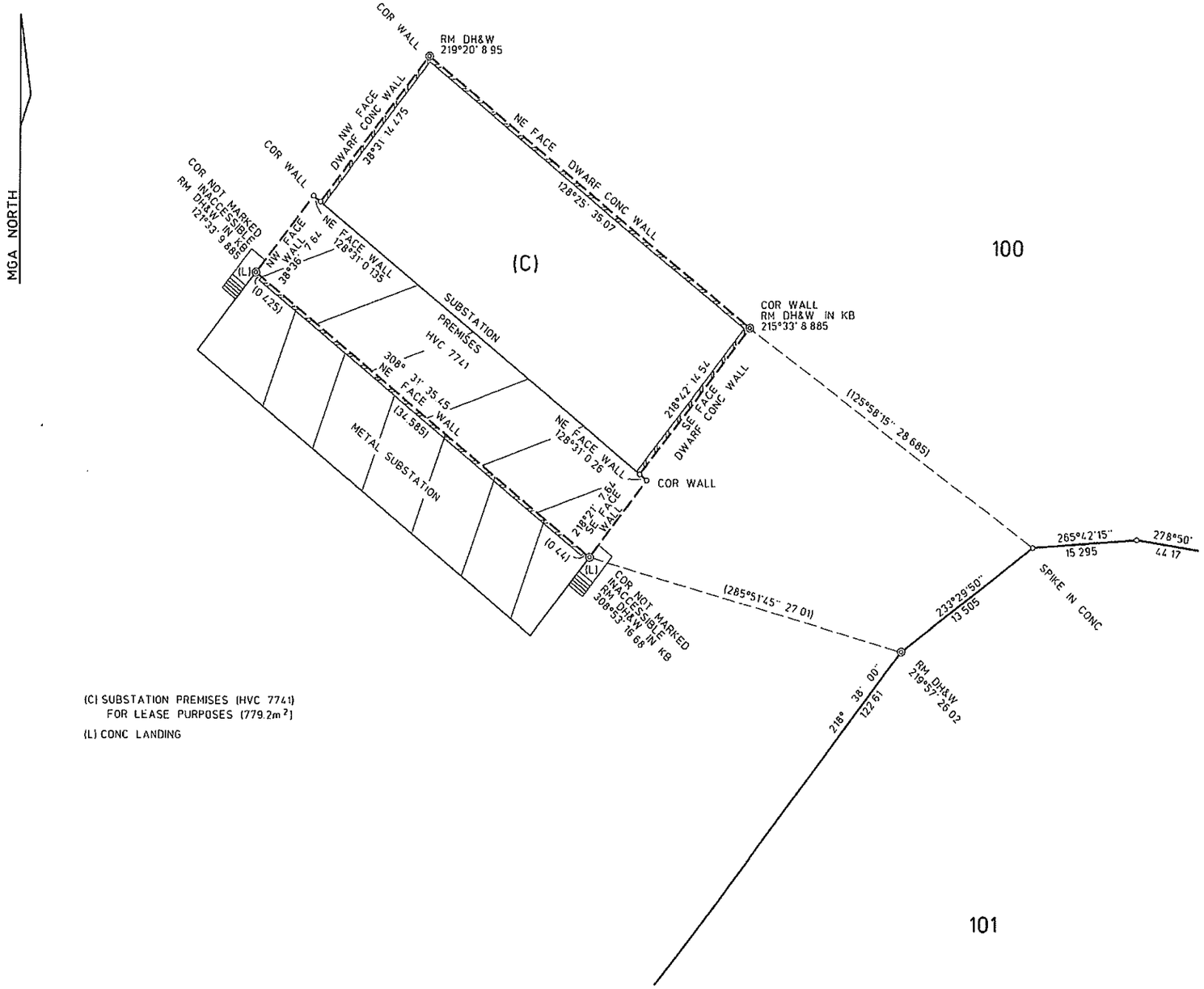
This is sheet 5 of my plan of 5 sheets covered by subdivision certificate No SC|101|07 of 27 September 2007

Authorised Person/~~General Manager~~/~~Accredited Certifier~~

For use where space is insufficient in any panel on Plan Form 2

* OFFICE USE ONLY

S.B.55719



(C) SUBSTATION PREMISES (HVC 7741) FOR LEASE PURPOSES (779.2m²)

(L) CONC LANDING

DIAGRAM 'E'

(NOT TO SCALE)

Reduction Ratio 1 (NOT TO SCALE)

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE S.B.55719

PLAN FORM 2

SIGNATURES AND SEALS ONLY

THOMAS DUGGAN
HEALTH ADMINISTRATION
pursuant to section 21 (1) ... Act 1982 and hereby ...

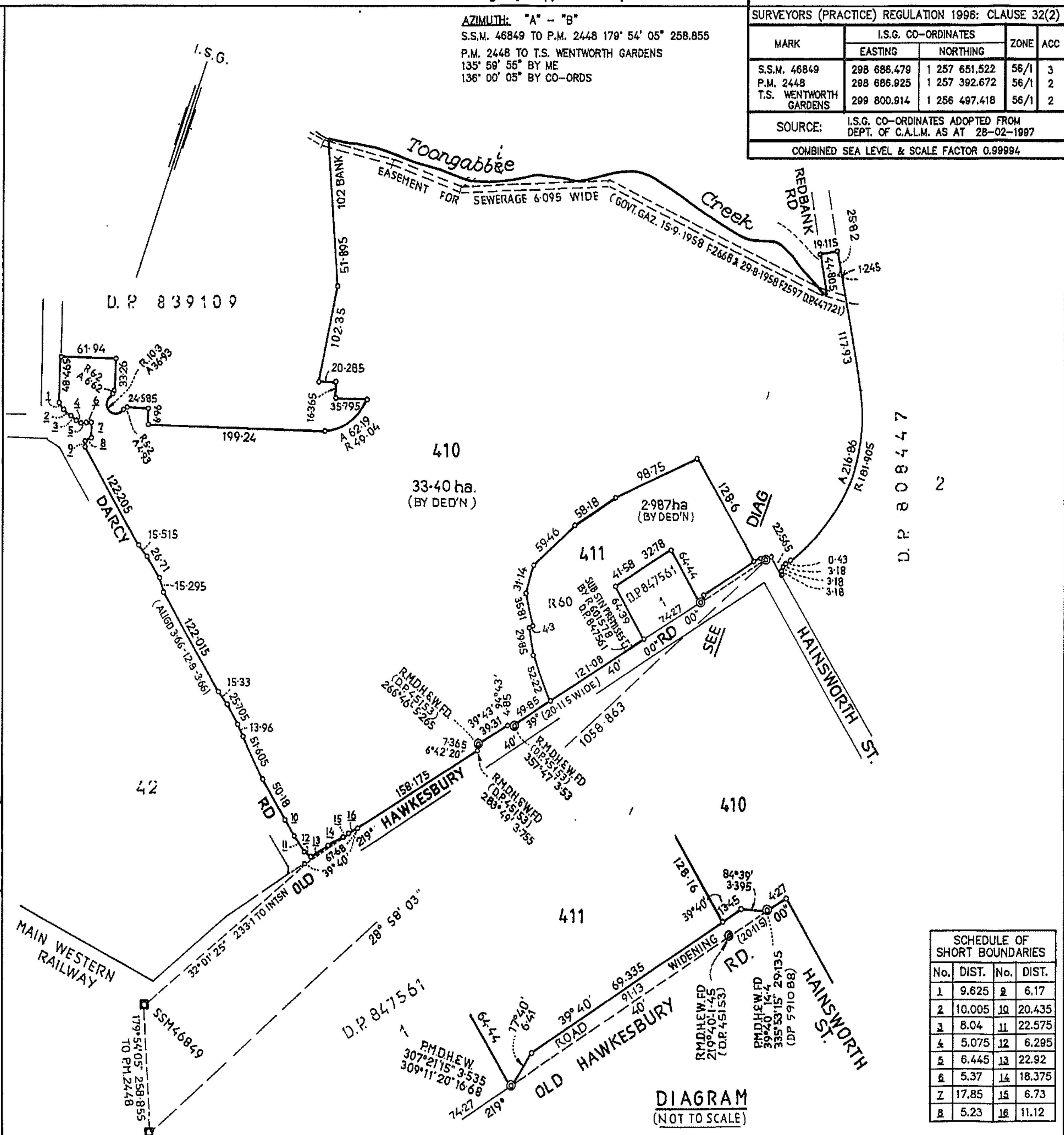
Crown Lands Office Approval

PLAN APPROVED ....
Authorised Officer
Land District ....
Paper No. ....
Field Book .... pages

Subdivision Certificate

I certify that the provisions of s. 109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to the proposed .... set out herein
(insert 'subdivision' or 'new road')
*Authorised Person/General Manager/Accredited Certifier
Consent Authority: Parramatta City Council
Date of endorsement: 28 July 2000
Accreditation No.: ....
Subdivision Certificate No.: ....
File No.: 163/801/35
When the plan is to be lodged electronically in the Land Titles Office, it should include a signature in an electronic or digital format approved by the Registrar-General.
* Delete whichever is inapplicable

Plan Drawing only to appear in this space



SURVEYORS (PRACTICE) REGULATION 1996: CLAUSE 32(2)				
MARK	I.S.G. CO-ORDINATES EASTING	NORTHING	ZONE	ACC
S.S.M. 46849	298 686.479	1 257 651.522	56/1	3
P.M. 2448	298 686.925	1 257 392.672	56/1	2
T.S. WENTWORTH GARDENS	299 800.914	1 256 497.418	56/1	2
SOURCE:	I.S.G. CO-ORDINATES ADOPTED FROM DEPT. OF C.A.L.M. AS AT 28-02-1997			
COMBINED SEA LEVEL & SCALE FACTOR 0.99994				

SCHEDULE OF SHORT BOUNDARIES

No.	DIST.	No.	DIST.
1	9.625	9	6.17
2	10.005	10	20.435
3	8.04	11	22.575
4	5.075	12	6.295
5	6.445	13	22.92
6	5.37	14	18.375
7	17.85	15	6.73
8	5.23	16	11.12

DP1016834

Registered: 22.12.2000

C.A.: SEE CERTIFICATE

Title System: TORRENS

Purpose: SUBDIVISION

Ref. Map: U9152-34, 33

Last Plan: DP 847561, DP 876232

PLAN:
OF SUBDIVISION OF
LOT 41 IN D.P. 876232 AND
LOT 2 IN D.P. 847561

Lengths are in metres. Reduction Ratio 1: 3000

L.G.A.: PARRAMATTA CITY

Locality: WESTMEAD

Parish: ST. JOHN

County: CUMBERLAND

This is sheet 1 of my plan in ... sheets. (Delete if inapplicable)

Surveyors (Practice) Regulation 1996

I, PAUL A. CECHELLERO of HILLEBLUME P/L of 102 CROWN ST WOOLLOOMOOLOO a surveyor registered under the Surveyors Act, 1929, hereby certify that the survey represented in this plan is accurate, has been made in accordance with the Surveyors (Practice) Regulation 1996 and was completed on 23.5.94 / 14.9.99
The survey relates to LOTS 410 & 411
(here specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)
Datum Line: "A"-"B"
Zone: Suburban/Country
(Signature) P. Cechellero
Surveyor registered under the Surveyors Act, 1929

Plans used in preparation of survey/compilation

D.P. 876232 D.P. 647310
D.P. 847561 D.P. 45153
D.P. 591088

PANEL FOR USE ONLY for statements of intension to dedicate public roads, to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

IT IS INTENDED TO DEDICATE THE LAND MARKED ROAD WIDENING TO THE PUBLIC AS ROAD.

SURVEYOR'S REFERENCE: 39894 MPR: 2010

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

PLANFORM 2 — Plan Drawing only to appear in this space. — DP1077852 — e-plan — *OFFICE USE ONLY

SIGNATURES, AND SEALS ONLY

FOR SIGNATURES AND SEALS SEE SIGNATURES FORM

THIS PLAN IS EXEMPT FROM SUBDIVISION CERTIFICATION PURSUANT TO A DECISION BETWEEN DUAP, RTA AND LPI NSW– SEE 1997 M6 (ITEM 2) – LAND IN THIS PLAN COMPRISES ONLY ROAD OR ROAD AND RESIDUE.

SEE SIGNATURES FORM

.....

AUTHORISED OFFICER
ROADS AND TRAFFIC AUTHORITY NSW

Department of Lands Approval

I .....in approving this plan certify (Authorised Officer) that all necessary approvals in regard to the allocation of the land shown hereon have been given.

Signature: .....
Date: .....
File Number: .....
Office: .....

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to the proposed

.....*set out herein*
** (Insert 'subdivision' or 'new road')*

.....
** Authorised Person/General Manager/Accredited Certifier*

Consent Authority:.....
Date of Endorsement:.....
Accreditation No:.....
Subdivision Certificate No:.....
File No:.....

** Delete whichever is inapplicable*

SURVEYING REGULATION 2001 CL 32(2)

MARK	M.G.A. CO-ORDINATES EASTING	M.G.A. CO-ORDINATES NORTHING	CLASS	ORDER	ZONE
SSM 46849	313669.623	6257290.068	B	2	56
SSM 51282	313262.889	6258092.956	C	3	56
SSM 95300	313363.966	6257823.176	C	3	56

COMBINED SCALE FACTOR 1.000025
SOURCE: M.G.A. CO-ORDINATES ADOPTED
FROM N.S.W. LPI 30/11/2004

CONNECTIONS

SSM 51282 FD. – SSM 46849 FD.
153°07'59" 899.975 BY SURVEY
153°08'01" 900.011 MGA GROUND
SSM 95300 FD. – SSM 51282 FD.
339°27'33" 288.075 BY SURVEY
339°27'39" 288.085 MGA GROUND

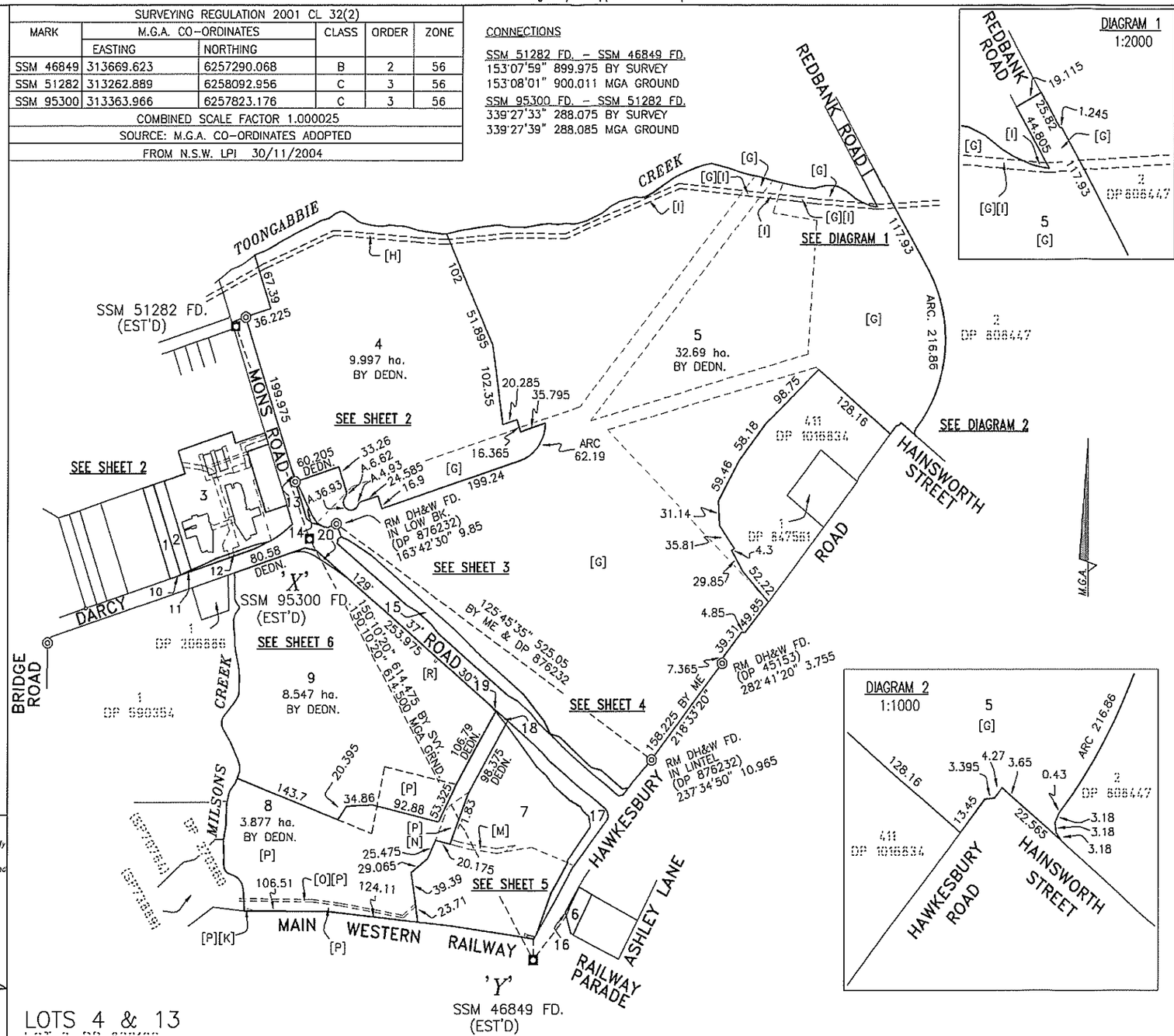


DIAGRAM 1
1:2000

DIAGRAM 2
1:1000

LOTS 4 & 13
LOT 3, DP 839109
C.T. 3/839109

LOTS 5, 14 & 15
LOT 410, DP 1016834
C.T. 410/1016834

LOTS 8 & 18
LOT 12, DP 843683
C.T. 12/843683

LOTS 9, 19 & 20
LOT 11, DP 843683
C.T. 11/843683

[G] LAND EXCLUDES MINERALS AS REGARDS THE PARTS DESIGNATED (X) IN DP 591088
[H] EASEMENT FOR SEWERAGE 6.095 WIDE GOV. GAZ. No.85 OF 29–8–1958 FOL.2597 & 5–9–1958 FOL.2668 (DP447721)
[I] EASEMENT FOR SEWERAGE 6.095 WIDE GOV. GAZ. No.85 OF 29–8–1958 FOL.2597 & 5–9–1958 FOL.2668 (DP 447721 & DP 447722)
[N] RIGHT OF CARRIAGEWAY 20 WIDE & VARIABLE (DP 748029)
[M] RIGHT OF CARRIAGEWAY 6 WIDE & VARIABLE (DP 748029)
[O] EASEMENT TO DRAIN WATER 3 WIDE (DP 732693)
[K] D242563 – EASEMENT FOR TRANSMISSION LINES
[P] BENIFITED BY RIGHT OF CARRIAGEWAY 6 WIDE & VARIABLE (DP 748029)
[R] Q583658 – EASEMENT FOR ELECTRICITY PURPOSES (DP 451331)

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 Table of mm 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390

SURVEYOR'S REFERENCE: 1989 (RTA:SP3159) EXEMPTION FILE '2004 M7100 (1644) 6 SHEETS'

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

DP1077852 *

Registered: 29/4/2005

C.A.: _____

Title System: TORRENS

Purpose: ROADS ACT 1993

Ref. Map: U9152-33, U9152-34

Last Plan: DP1011697, DP1016834

PLAN:
OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993.

Lengths are in metres. Reduction Ratio 1: 4000

L G A PARRAMATTA CITY
Locality: WESTMEAD
Parish: ST JOHN
County: CUMBERLAND

This is sheet 1 of my plan in 6 sheets. (Delete if inapplicable)

Surveying Regulation, 2001

I, GREGORY JOHN BOOT
LEAN & HAYWARD P/L
of PO BOX 232 CAMPBELLTOWN NSW 2560

a surveyor registered under the Surveying Act, 2002, hereby certify that the survey represented in this plan is accurate, has been made in accordance with the Surveying Regulation 2001 and was completed on 15/12/2004
The survey relates to LOTS 10 TO 20 INCL. AND CONNECTIONS
(here specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)

(Signature) **SEE SIGNATURES FORM**
Surveyor registered under the Surveying Act, 2002.

Datum Line: "X" ~ "Y"
Type: Urban

Plans used in preparation of survey/compilation.

DP 7407	DP 45153	DP 206886
DP 213094	DP 219547	DP 228390
DP 266263	DP 268115	DP 327831
DP 411202	DP 431193	DP 448607

CONTINUED ON SHEET 2

RTA F.B. 8007 354 FP 0003

PANEL FOR USE ONLY for statements of intention to dedicate public roads, to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

LOTS 10 TO 20 INCLUSIVE ARE REQUIRED FOR ROAD AND AFTER CONSTRUCTION WILL BE DEDICATED AS PUBLIC ROAD UNDER SECTION 10 OF THE ROADS ACT, 1993.

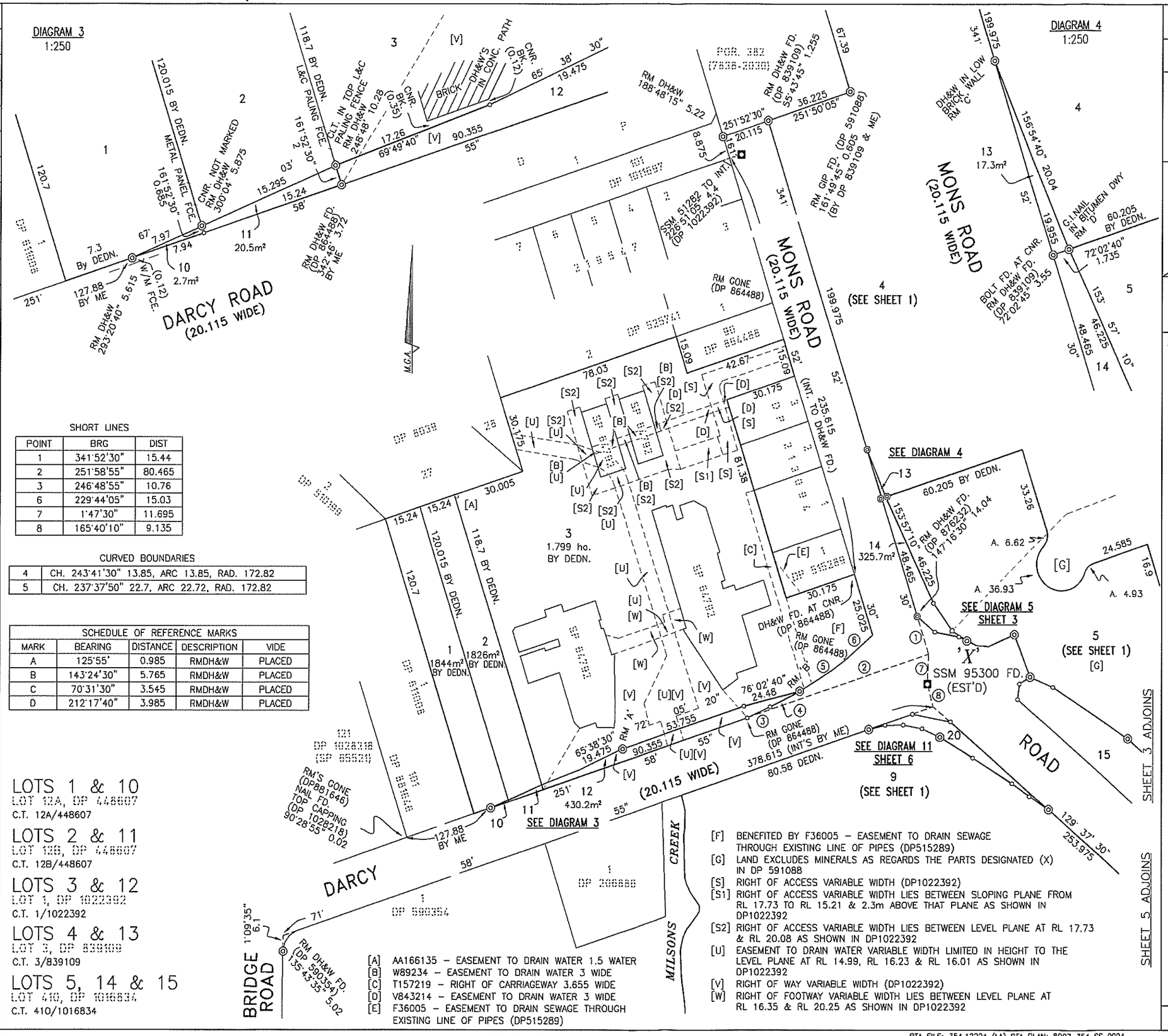
APPROVED:

SEE SIGNATURES FORM

.....
MANAGER, SURVEY SERVICES OPERATIONS
ROADS AND TRAFFIC AUTHORITY NSW

RTA FILE: 354.12224 (LA) RTA PLAN: 8007 354 SS 0004

PLANFORM 3 | To be used in conjunction with Plan Form 2 | WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION | DP1077852 | e-plan *OFFICE USE ONLY



SHORT LINES

POINT	BRG	DIST
1	341°52'30"	15.44
2	251°58'55"	80.465
3	246°48'55"	10.76
6	229°44'05"	15.03
7	1°47'30"	11.695
8	165°40'10"	9.135

CURVED BOUNDARIES

4	CH. 243°41'30" 13.85, ARC 13.85, RAD. 172.82
5	CH. 237°37'50" 22.7, ARC 22.72, RAD. 172.82

SCHEDULE OF REFERENCE MARKS

MARK	BEARING	DISTANCE	DESCRIPTION	VIDE
A	125°55'	0.985	RMDH&W	PLACED
B	143°24'30"	5.765	RMDH&W	PLACED
C	70°31'30"	3.545	RMDH&W	PLACED
D	212°17'40"	3.985	RMDH&W	PLACED

DP1077852 *

Registered: 29/4/2005 *

This is sheet 2 *of my plan in* 6 *sheets dated* 15/12/2004

SEE SIGNATURES FORM

Surveyor registered under the Surveying Act 2002

This is sheet of the plan of sheets covered by my Certificate No. of

Council Clerk

L.G.A.: PARRAMATTA CITY
LOCALITY: WESTMEAD
PARISH: ST JOHN
COUNTY: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2

CONTINUED FROM SHEET 1

DP 445338	DP 447721	DP 447722
DP 451331	DP 525741	DP 582152
DP 590354	DP 591088	DP 605684
DP 611008	DP 623606	DP 639199
DP 646971	DP 732693	DP 748029
DP 786621	DP 839109	DP 843683
DP 847561	DP 864488	DP 873190
DP 876232	DP 876866	DP 881646
DP 881647	DP 940678	DP 978475
DP 952720	DP 1011697	DP 1016834
DP 1022392	3172~1603	7838~2030
SP 64792		

Reduction Ratio 1: 1000

Plan Drawing only to appear in this space.

RTA FILE: 354.12224 (LA) RTA PLAN: 8007 354 SS 0004

SURVEYORS REFERENCE: 1989 (RTA:SP3159)

PLANFORM 3 | To be used in conjunction with Plan Form 2 | WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION | DP1077852 | e-plan *OFFICE USE ONLY

SHEET 2 ADJOINS

6.495 5.37 246°51'247'44"

RM DH&W FD. IN LOW BK. (DP 876232) 165°42'30" 9.85

RM GONE (DP 876232) RM DH&W 200°05' 5.4

337°41'30" 17.85

60°40'20" 5.23

7°28'20" 6.17

112°57'40" 10.15

125°45'35" 525.05 (BY ME & DP 876232)

122°00'20" 37.735

G.I. SPIKE IN BIT. RM DH&W 101°57' 2.835

M.G.A.

CONT. BELOW

RM DH&W 130°28'30" 19.36

309'

133°01'10" 45

G.I. SPIKE IN CONC. RM DH&W 39°14'20" 15.44

122.205 41'

DARCY ROAD (VARIABLE WIDTH)

5 (SEE SHEET 1) [G]

15 6641m²

10"

129°41'05" 151.12

122.015 35'

20"

129°56'25" 76.17

STEPS

STEPS

"WESTMEAD MILLENNIUM INSTITUTE" MULTI-STOREY HOSPITAL BUILDING

RM DH&W 132°39'35" 27.69

15.33 298°21'20"

309'

25.705 37'

BRICK

(0.565)

(0.595)

20"

139°53'55" 44.71

SIGN

RM GONE (DP 876232) 320°45'20" 13.96

SHEET 4 ADJOINS

LOTS 5, 14 & 15
LOT 410, DP 1016834
C.T. 410/1016834

[G] LAND EXCLUDES MINERALS AS REGARDS THE PARTS DESIGNATED (X) IN DP 591088

DIAGRAM 5
1:250

MONS ROAD (20.115 WIDE)

34.1'

153'

48.465 52'

46.225 57'

10"

14

5

TWO STOREY BRICK HOSPITAL BUILDING "WESTMEAD COLLEGE OF DENTAL THERAPY"

LOW BRICK WALL

VER.

VER.

WALL

144°54'40" 13.065

RM DH&W FD. (DP 876232) 147°16'30" 14.04

9.625 309°23'30"

CNR. WALL CLR. (0.3)

10.005 280°54'30"

121°47' 1.365

[G]

293'

DH&W'S IN CONC. PATH RM DH&W 218°01'40" 3.095

3.3

59'

4.335

30"

5.075 275°12'30"

6.495 246°51'

CNR. NOT MK'D. (SERVICES) RM CNR. BRICK 207°27' 4.8

[G]

15.44 30"

251°58'55" 80.465

147°30" 11.695

DARCY ROAD (VARIABLE WIDTH)

15.515 298°27'50"

309'

26.71 37'

20"

RM GONE (DP 876232) 320°56'20" 15.295

309'

122.015 35'

20"

RM DH&W 130°28'30" 19.36

133°01'10" 45

CONT. ABOVE

DP1077852 *

Registered: 29/4/2005 *

This is sheet 3 of my plan in 6 sheets dated 15/12/2004

SEE SIGNATURES FORM

Surveyor registered under the Surveying Act 2002

This is sheet of the plan of sheets covered by my Cerlificate No. of

Council Clerk

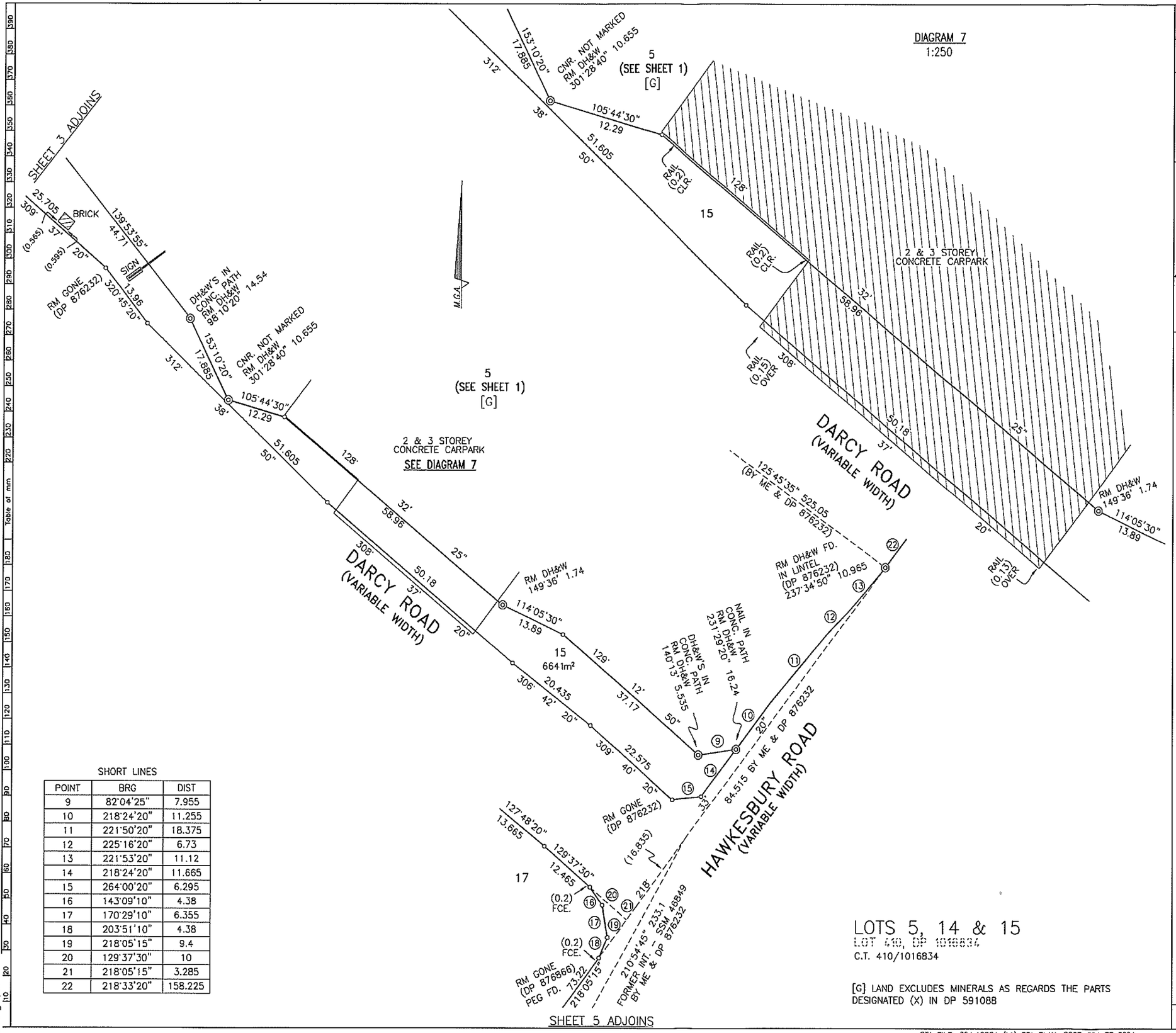
L.G.A.: PARRAMATTA CITY
LOCALITY: WESTMEAD
PARISH: ST JOHN
COUNTY: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2

Reduction Ratio 1: 500

Plan Drawing only to appear in this space. | RTA FILE: 354.12224 (LA) RTA PLAN: 8007 354 SS 0004 | SURVEYORS REFERENCE: 1989 (RTA:SP3159)

PLANFORM 3 | To be used in conjunction with Plan Form 2 | WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION | DP1077852 | e-plan | *OFFICE USE ONLY



SHORT LINES

POINT	BRG	DIST
9	82°04'25"	7.955
10	218°24'20"	11.255
11	221°50'20"	18.375
12	225°16'20"	6.73
13	221°53'20"	11.12
14	218°24'20"	11.665
15	264°00'20"	6.295
16	143°09'10"	4.38
17	170°29'10"	6.355
18	203°51'10"	4.38
19	218°05'15"	9.4
20	129°37'30"	10
21	218°05'15"	3.285
22	218°33'20"	158.225

DP1077852 *

Registered: 29/4/2005 *

This is sheet 4 of my plan in 6 sheets dated 15/12/2004

SEE SIGNATURES FORM

Surveyor registered under the Surveying Act 2002

This is sheet of the plan of sheets covered by my Certificate No. of

Council Clerk

L.G.A.: PARRAMATTA CITY
LOCALITY: WESTMEAD
PARISH: ST JOHN
COUNTY: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2

Reduction Ratio 1: 500

Plan Drawing only to appear in this space.

RTA FILE: 354.12224 (LA) RTA PLAN: 8007 354 SS 0004

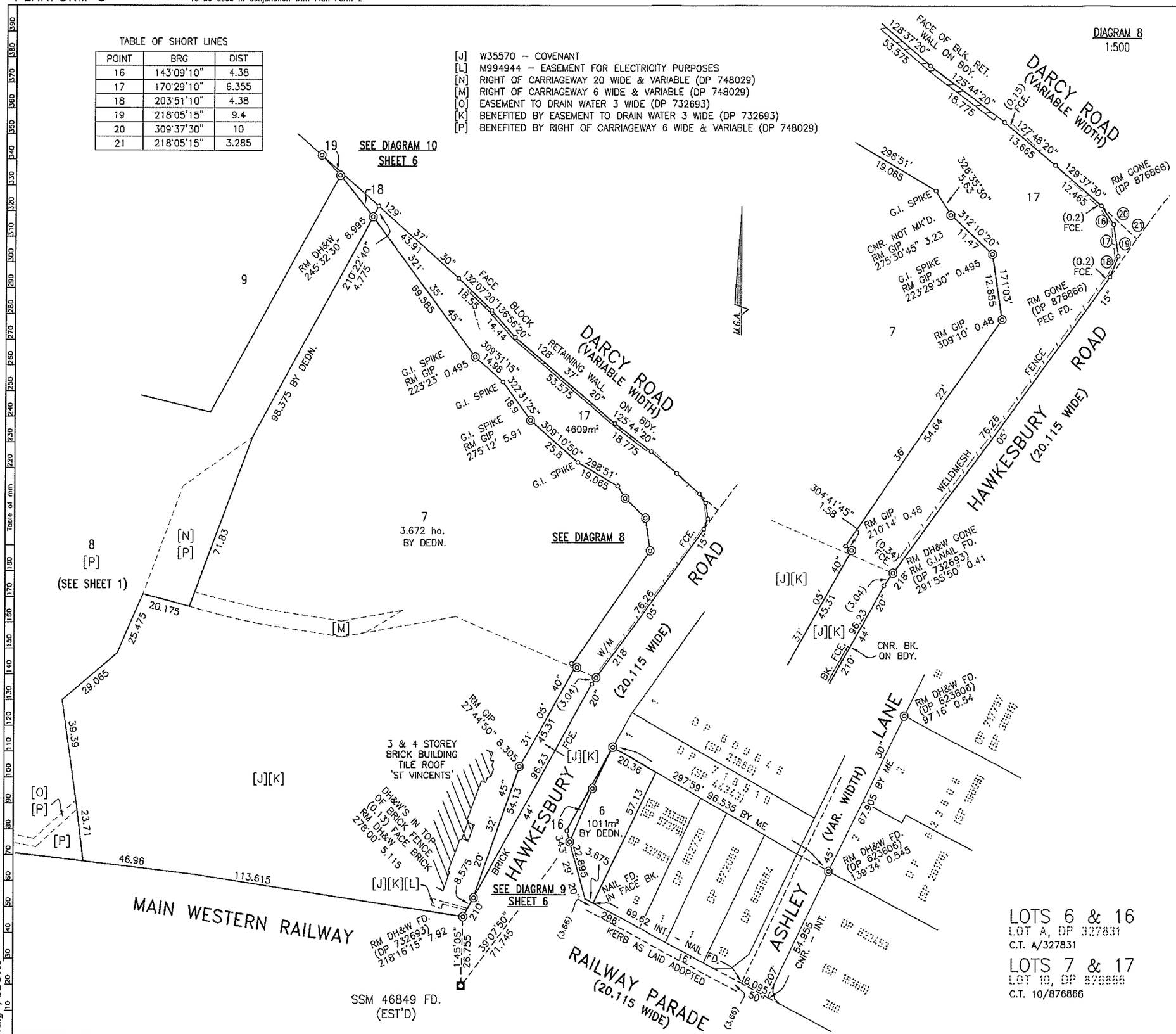
SURVEYORS REFERENCE: 1989 (RTA:SP3159)

PLANFORM 3 — To be used in conjunction with Plan Form 2 — WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION — DP1077852 — e-plan *OFFICE USE ONLY

TABLE OF SHORT LINES

POINT	BRG	DIST
16	143°09'10"	4.38
17	170°29'10"	6.355
18	203°51'10"	4.38
19	218°05'15"	9.4
20	309°37'30"	10
21	218°05'15"	3.285

[J] W35570 – COVENANT
[L] M994944 – EASEMENT FOR ELECTRICITY PURPOSES
[N] RIGHT OF CARRIAGEWAY 20 WIDE & VARIABLE (DP 748029)
[M] RIGHT OF CARRIAGEWAY 6 WIDE & VARIABLE (DP 748029)
[O] EASEMENT TO DRAIN WATER 3 WIDE (DP 732693)
[K] BENEFITED BY EASEMENT TO DRAIN WATER 3 WIDE (DP 732693)
[P] BENEFITED BY RIGHT OF CARRIAGEWAY 6 WIDE & VARIABLE (DP 748029)



DP1077852 *

Registered: 29/4/2005 *

This is sheet 5 of my plan in 6 sheets dated 15/12/2004

SEE SIGNATURES FORM

Surveyor registered under the Surveying Act 2002

This is sheet of the plan of sheets covered by my Certificate No. of

Council Clerk

L.G.A.: PARRAMATTA CITY
LOCALITY: WESTMEAD
PARISH: ST JOHN
COUNTY: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2

Reduction Ratio 1: 1000

Plan Drawing only to appear in this space. — RTA FILE: 354.12224 (LA) RTA PLAN: 8007 354 SS 0004 — SURVEYORS REFERENCE: 1989 (RTA:SP3159)

Reg:R125560 /Doc:DP 1077852 P /Rev:02-May-2005 /Sts:SC.OK /Prt:26-Aug-2013 16:55 /Pgs:ALL /Seq:5 of 7
Ref:mg /Src:M

DIAGRAM 11
1:250

'X'
SSM 95300 FD.
(EST'D)

DARCY
(20.115 WIDE)

DIAGRAM 10
1:250

DARCY ROAD
(VARIABLE WIDTH)

ROAD
(VARIABLE WIDTH)

HAWKESBURY ROAD
(20.115 WIDE)

DIAGRAM 9
1:250

LOTS 6 & 16
LOT A, DP 327831
C.T. A/327831

LOTS 8 & 18
LOT 12, DP 843683
C.T. 12/843683

LOTS 9, 19 & 20
LOT 11, DP 843683
C.T. 11/843683

[P] BENEFITED BY RIGHT OF CARRIAGEWAY 6 WIDE & VARIABLE (DP 748029)

DP1077852 *

Registered: 29/4/2005 *

This is sheet 6 of my plan in 6 sheets dated 15/12/2004

SEE SIGNATURES FORM

Surveyor registered under the Surveying Act 2002

This is sheet of the plan of sheets covered by my Cerlificate No. of

Council Clerk

L.G.A.: PARRAMATTA CITY
LOCALITY: WESTMEAD
PARISH: ST JOHN
COUNTY: CUMBERLAND

For use where space is insufficient in any panel on Plan Form 2

Reduction Ratio 1: 1000

CERTIFICATES, SIGNATURES AND SEALS Sheet 1 of 1 sheet(s)

PLAN OF LAND TO BE ACQUIRED FOR THE PURPOSES OF THE ROADS ACT, 1993.

* DP1077852 *

Registered: 29/4/2005 *

* OFFICE USE ONLY

Surveying Regulation 2001

I, GREGORY JOHN BOOT
of LEAN & HAYWARD P/L
PO BOX 232 CAMPBELLTOWN NSW 2560
a surveyor registered under the *Surveying Act 2002*, certify that the survey represented in this plan is accurate, has been made in accordance with the *Surveying Regulation 2001* and was completed on: 15/12/2004
The survey relates to LOTS 10 TO 20 INCLUSIVE AND CONNECTIONS
(specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)

Signature ..... *Dated:* 22/12/04
Surveyor registered under the Surveying Act 2002

Datum Line: "X" – "Y"
Type: Urban

Department of Lands Approval

I.....in approving this plan certify
(Authorised Officer)
that all necessary approvals in regard to the allocation of the land shown hereon have been given
Signature:.....
Date:.....
File Number:.....
Office:.....

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to:

the proposed..... set out herein
(insert 'subdivision' or 'new road')

.....
* Authorised Person/General Manager/Accredited Certifier

Consent Authority: .....
Date of Endorsement: .....
Accreditation no: .....
Subdivision Certificate no: .....
File no: .....

Note:
When the plan is to be lodged electronically in Land and Property Information, it should include a signature in an electronic or digital format approved by the Registrar-General.
* Delete whichever is inapplicable.

SIGNATURES, SEALS and STATEMENTS of intention to dedicate public roads or to create public reserves and drainage reserves.

THIS PLAN IS EXEMPT FROM SUBDIVISION CERTIFICATION PURSUANT TO A DECISION BETWEEN DUAP, RTA & LPI *NSW* – SEE 1997 M6 (Item 2). LAND IN THIS PLAN COMPRISES ONLY ROAD OR ROAD AND RESIDUE.

23DEC04
.....
AUTHORISED OFFICER
ROADS AND TRAFFIC AUTHORITY, NSW

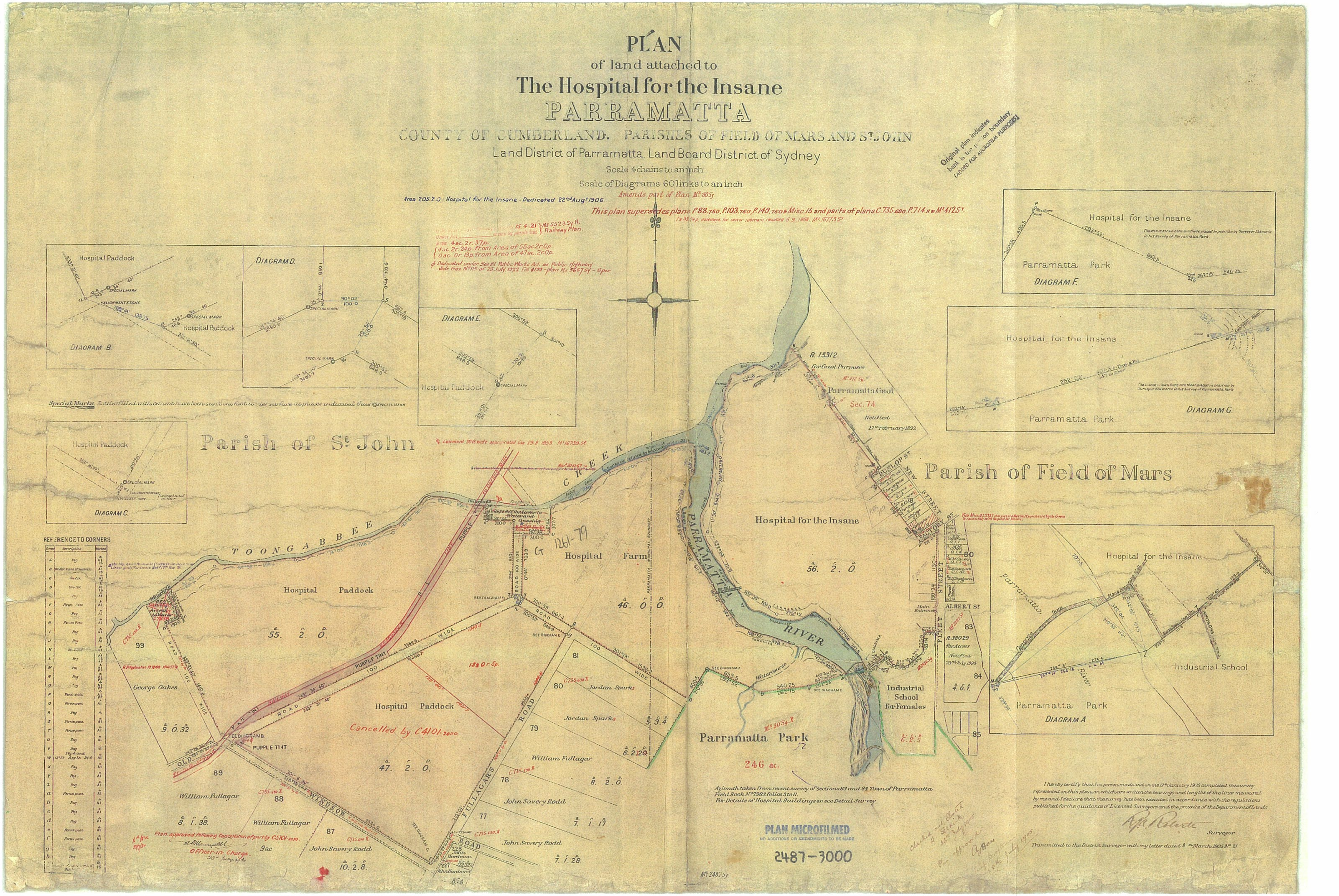
APPROVED:

23DEC04
.....
MANAGER, SURVEY SERVICES OPERATIONS
ROADS AND TRAFFIC AUTHORITY, NSW

Use PLAN FORM 6A for additional certificates, signatures and seals

SURVEYOR'S REFERENCE: 1989 (RTA:SP3159)
EXEMPTION FILE '2004 M7100 (1644) 6 SHEETS'

R.T.A. FILE: 354.12224 (LA)
R.T.A. PLAN: 8007 354 SS 0004



PLAN
of land attached to
The Hospital for the Insane
PARRAMATTA
COUNTY OF CUMBERLAND. PARISHES OF FIELD OF MARS AND St. JOHN
Land District of Parramatta. Land Board District of Sydney
Scale 4 chains to an inch
Scale of Diagrams 60 links to an inch
Area 205.2.0 - Hospital for the Insane - Dedicated 22nd Augt 1906
This plan supersedes plans P.88.750, P.103.750, P.149.750 & Misc.15 and parts of plans C.735.680, P.714 & Ms 4125 Sy.
Original plan indicates bank is the portion boundary
Hospital Paddock
DIAGRAM B
DIAGRAM D
DIAGRAM E
DIAGRAM C
DIAGRAM F
DIAGRAM G
DIAGRAM A
Hospital for the Insane
Parramatta Park
Industrial School
Parish of St John
Parish of Field of Mars
TOONGABBEE CREEK
PARRAMATTA RIVER
Hospital Farm
46. 0. 0.
55. 2. 0.
47. 2. 0.
56. 2. 0.
Parramatta Gaol
Sec. 74
R. 15312 For Gaol Purposes
DUNLOP ST
NEW STREET
FACTORY ST
FLEET STREET
ALBERT ST
R. 38029 For Access
Industrial School for Females
Parramatta Park
246 ac.
George Oakes
William Fullagar
Jordan Sparks
John Savery Rodd
WINDSOR ROAD
FULLAGAR'S ROAD
OLD WINDSOR ROAD
PURPLE TINT
Cancelled by C.4101-2030
REFERENCE TO CORNERS
Azimuth taken from recent survey of sections 83 and 84 Town of Parramatta Field Book No 7983 folios 3 to 11. For Details of Hospital Buildings see Detail Survey
PLAN MICROFILMED
2487-3000
Surveyor

CERTIFICATE OF TITLE

NEW SOUTH WALES

PROPERTY ACT, 1900

13618-127

Appln. Nos.10654 & 53398 (Parts)

Prior Title Vol.1261 Fol. 79 (Part)

Vol. 13618 Fol. 127

EDITION ISSUED

22 5 1978

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned land and without described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

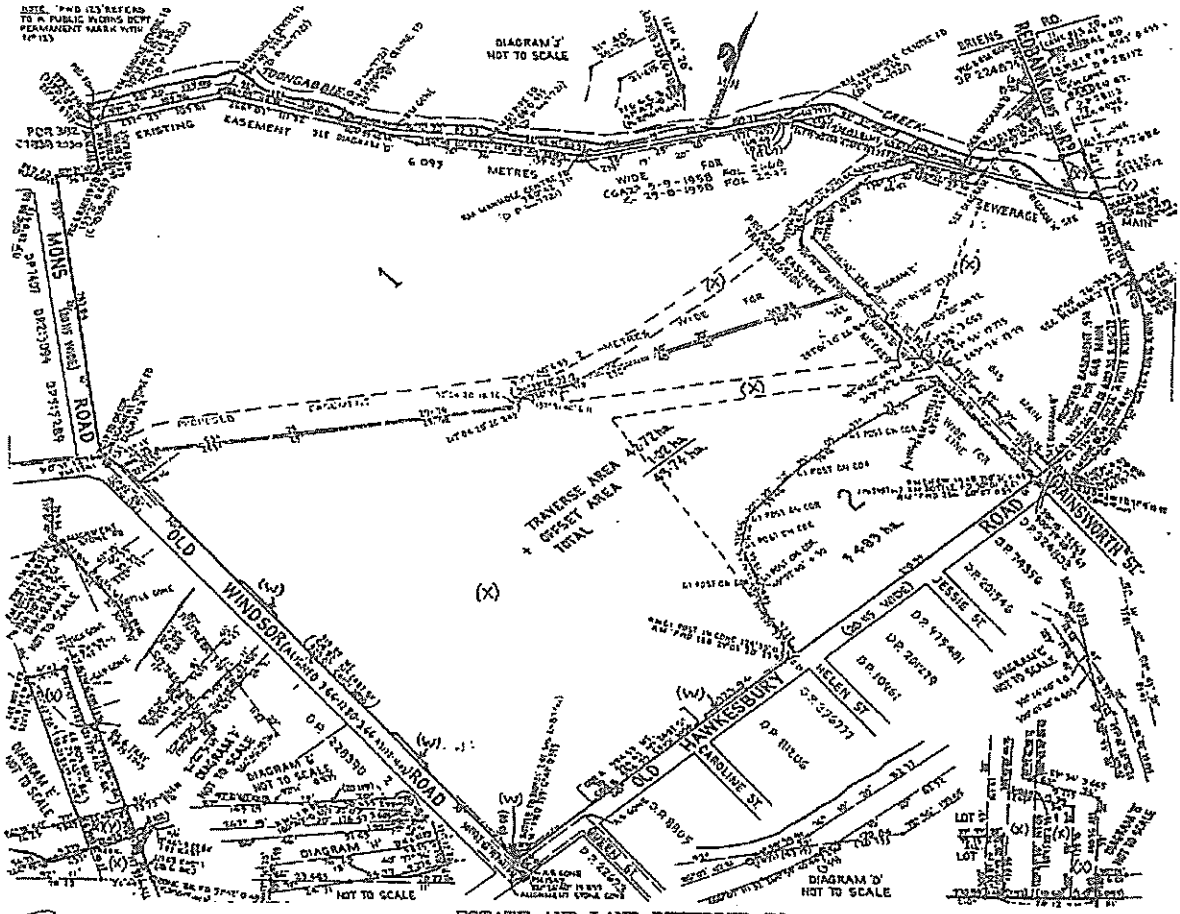
CANCELLED

SEE AUTO FOLIO

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES

(W) PUBLIC ROAD (LOTS 1 to 4 INCL. IN D. P 45193) 512·3m²-T367143



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lot 1 in Deposited Plan 591088 in the City of Parramatta Parish of St.John and County of Cumberland being part of Portion 262 and another part of land both being lands for which no Crown Grants have issued. EXCEPTING THEREOUT all minerals as regards the part designated (X) in the plan hereon.

FIRST SCHEDULE

HEALTH COMMISSION OF NEW SOUTH WALES.

GRN

SECOND SCHEDULE

AB 1. Notifications in Government Gazette dated 29-8-1958, Folio 2597 and dated 5-9-1958 Folio 2668. Easement for Sewerage affecting the part of the land above described exclusive of the part designated (Y) shown so burdened in the plan hereon.

RG 2/64

Vol. 13618 Fol. 127

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT NATURE	INSTRUMENT NUMBER	REGISTERED	Signature of Registrar General

Lots 1 to 4 DP. 45153 Resumed and declared public road vide Gaz 22.10.82 Fol. 4

T367143 AA (Part)

SECOND SCHEDULE (continued)

INSTRUMENT NATURE	INSTRUMENT NUMBER	PARTICULARS	REGISTERED	Signature of Registrar General	CANCELLATION	
T367143P	Resumption - The land so indicated on the plan hereon being Lots 1 to 4 included in D.P. 45153 is now public road.	Registered 22-6-1983.				

CANCELLED

SEE AUTO FOLIO

(Page 2 of 2 pages)

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE
27/8/2013 6:03AM

FOLIO: 1/591088

First Title(s): SEE PRIOR TITLE(S)
Prior Title(s): VOL 13618 FOL 127

Recorded	Number	Type of Instrument	C.T. Issue
28/3/1988		TITLE AUTOMATION PROJECT	LOT RECORDED FOLIO NOT CREATED
21/10/1988		CONVERTED TO COMPUTER FOLIO	FOLIO CREATED CT NOT ISSUED
4/5/1992	DP646032	DEPOSITED PLAN	
2/2/1993	DP647310	DEPOSITED PLAN	
22/3/1994	U118408	APPLICATION FOR REPLACEMENT CERTIFICATE OF TITLE	EDITION 1
6/6/1994	DP839109	DEPOSITED PLAN	EDITION 2
~~11/7/1994~~	~~U407322~~	~~TRANSFER~~	~~FOLIO CANCELLED~~ RESIDUE REMAINS
30/8/1999	6142846	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE
27/8/2013 6:04AM

FOLIO: 4/839109

First Title(s): OLD SYSTEM
Prior Title(s): 1/591088

Recorded	Number	Type of Instrument	C.T. Issue
6/6/1994	DP839109	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
~~11/7/1994~~	~~U407322~~	~~TRANSFER~~	FOLIO CREATED EDITION 1
29/7/1994	U487237	DEPARTMENTAL DEALING	EDITION 2
25/7/1995	O394469	LEASE	EDITION 3
16/8/1995	O452924	LEASE	EDITION 4
31/8/1995	O493775	LEASE	EDITION 5
25/9/1995	O545857	LEASE	EDITION 6
26/10/1995	O615177	LEASE	EDITION 7
12/12/1995	O760565	TRANSFER OF LEASE	
27/2/1996	O934595	LEASE	EDITION 8
14/8/1996	2348581	LEASE	EDITION 9
28/8/1996	2387248	LEASE	
28/8/1996	2393791	LEASE	EDITION 10
15/10/1996	2517904	LEASE	EDITION 11
10/3/1997	2885989	TRANSFER OF LEASE	
28/10/1997	3463566	LEASE	EDITION 12
16/4/1998	DP876232	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/8/2013 6:04AM

FOLIO: 41/876232

First Title(s): OLD SYSTEM
Prior Title(s): 4/839109

Recorded	Number	Type of Instrument	C.T. Issue
22/4/1998	DP876232	DEPOSITED PLAN	FOLIO CREATED EDITION 1
15/5/1998	3978885	LEASE	EDITION 2
1/6/1998	5024362	TRANSFER OF LEASE	
28/7/1998	5158668	LEASE	EDITION 3
25/9/1998	DP880498	DEPOSITED PLAN	
3/11/1998	5353494	DETERMINATION OF LEASE	
3/11/1998	5353495	LEASE	EDITION 4
10/3/1999	5627081	LEASE	
10/3/1999	5666520	TRANSFER OF LEASE	EDITION 5
25/5/2000	6812004	DETERMINATION OF LEASE	
25/5/2000	6812005	LEASE	EDITION 6
22/12/2000	DP1016834	DEPOSITED PLAN	FOLIO CANCELLED RESIDUE REMAINS

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE
27/8/2013 6:05AM

FOLIO: 410/1016834

First Title(s): OLD SYSTEM VOL 4521 FOL 72
Prior Title(s): 41/876232

Recorded	Number	Type of Instrument	C.T. Issue
22/12/2000	DP1016834	DEPOSITED PLAN	FOLIO CREATED EDITION 1
10/4/2001	7474496	LEASE	EDITION 2
9/1/2002	8259270	LEASE	EDITION 3
13/9/2002	8858902	LEASE	EDITION 4
27/7/2004	AA444015	LEASE	EDITION 5
12/4/2005	AB391088	LEASE	
12/4/2005	AB391089	LEASE	
12/4/2005	AB391090	LEASE	
12/4/2005	AB391091	LEASE	EDITION 6
29/4/2005	DP1077852	DEPOSITED PLAN	
~~18/6/2005~~	~~AB520049~~	~~REQUEST~~	
~~16/7/2005~~	~~AB581732~~	~~TRANSFER~~	FOLIO CANCELLED

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

Form: 11R
Licence: 98M111
Edition: 0308

REQUEST

New South Wales
Real Property Act 1900

AB520049Q

PRIVACY NOTE: Section 31B of the Real Property Act 1900 (RP Act) authorises the Registrar General to collect the information required by this form for the establishment and maintenance of the Real Property Act Register. Section 96B RP Act requires that the Register is made available to any person for search upon payment of a fee, if any.

(A) **STAMP DUTY** — If applicable. Office of State Revenue use only

(B) **LAND** — Torrens Title: SEE ANNEXURE "A"

(C) **REGISTERED DEALING** — Number: | Torrens Title:

(D) **LODGED BY**

Delivery Box	Name, Address or DX and Telephone	CODE
556X	*LLPN: 123406 G* Roads and Traffic Authority of NSW DX 13 SYDNEY Ph. (02) 9218 6080 (Mr Price) Reference (optional): FPP 4M263	R

(E) **APPLICANT** — ROADS AND TRAFFIC AUTHORITY OF NSW

(F) **NATURE OF REQUEST** — Application to Record
GIVING OF A PROPOSED ACQUISITION NOTICE
Land Acquisition (Just Terms Compensation) Act, 1991

(G) **TEXT OF REQUEST**

THE APPLICANT, requests the Registrar General to note on the Registers of the land listed above, pursuant to Section 11 of the Land Acquisition (Just Terms Compensation) Act, 1991, that a proposed acquisition notice has been given affecting the land.

DATE 26 / 5 / 2005
dd mm yyyy

(H) I certify that the applicant, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this application in my presence.

Signature of witness:

Name of witness: W Price

Address of witness: RTA Sydney

Certified correct for the purposes of the Real Property Act 1900 by the applicant.

Signature of applicant: T Craig

T D CRAIG
MANAGER, COMPULSORY
ACQUISITION & ROAD DEDICATION
EXECUTED PURSUANT TO DELEGATION
BOOK 4394 NO 422

ALL HANDWRITING MUST BE IN BLOCK CAPITALS.

A set of instructions for completing this form is available from the Department of Lands, Land and Property Information Division.

ANNEXURE "A"

THIS IS THE ANNEXURE "A" REFERRED TO IN THE REQUEST MADE UNDER THE REAL PROPERTY ACT, 1900 BY THE ROADS AND TRAFFIC AUTHORITY OF NEW SOUTH WALES

LAND		TORRENS TITLE REFERENCE
LOT	DEPOSITED PLAN	
17	1077852	Part of the land in Certificate of Title 10/876866
14 and 15	1077852	Parts of the land in Certificate of Title 410/1016834
16	1077852	Part of the land in Certificate of Title A/327831

T Craig.

Req:R126542 /Doc:DL AB581732 /Rev:19-Jul-2005 /Sts:NO.OK /Prt:27-Aug-2013 06:13 /Pgs:ALL /Seq:1 of 1
Ref:mg /Src:M

Form: 01T
Release: 2.1
www.lpi.nsw.gov.au

TRANSFER

New South Wales
Real Property Act 1900

AB581732J

PRIVACY NOTE: this information is legally required and will become part of the public record

STAMP DUTY Office of State Revenue use only

NSW Office of State Revenue
NSW Treasury
SEC.308 S44
VENDOR DUTY
ENDORSED
ID:2759684-EXEMPT

NEW SOUTH WALES DUTY
28-06-2005 0002759684-001
SECTION 308-ORIGINAL
NO DUTY PAYABLE

(A) **TORRENS TITLE** 14/1077852 AND 15/1077852 BEING PART OF C.T. 410/101683 4 AND 16/1077852 BEING PART OF C.T. A/327831

(B) **LODGED BY**

Delivery Box	Name, Address or DX and Telephone	CODES
556X	LLPN 123406 G ROADS AND TRAFFIC AUTHORITY OF NEW SOUTH WALES Reference: 354.12219	T TW (Sheriff)

(C) **TRANSFEROR** HEALTH ADMINISTRATION CORPORATION

(D) **CONSIDERATION** The transferor acknowledges receipt of the consideration of $ 3,647,600.00 and as regards

(E) **ESTATE** the land specified above transfers to the transferee an estate in fee simple

(F) **SHARE TRANSFERRED**

(G) Encumbrances (if applicable):

(H) **TRANSFEREE** ROADS AND TRAFFIC AUTHORITY OF NEW SOUTH WALES

(I) ~~TENANCY~~:

(J) **DATE** 20 · 6 2005

I certify that the person(s) signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this instrument in my presence.

Signature of witness:

Name of witness: Stuart Gordon BALL
Address of witness: 4/73 Miller Street North Sydney.

Certified correct for the purposes of the Real Property Act 1900 by the authorised officer named below.

Signature of authorised officer:

Authorised officer's name: John Bedford
Authority of officer: Delegate of HAC
Signing on behalf of:

I certify that the person(s) signing opposite, with whom I am personally acquainted or as to whose identity I am otherwise satisfied, signed this instrument in my presence.

Signature of witness:

Name of witness: JULIE RICHARDSON
Address of witness: 25 FAULKNER RD BLACKTOWN

Certified correct for the purposes of the Real Property Act 1900 by the authorised officer named below.

VALUATIONS AND ACQUISITIONS MANAGER
SYDNEY CLIENT SERVICES
Executed pursuant to
Delegation Book 4394 No 422

Signature of authorised officer:

Authorised officer's name:
Authority of officer:
Signing on behalf of: Kevin Joseph BURKE

All handwriting must be in block capitals.

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE
27/8/2013 6:06AM

FOLIO: 5/1077852

First Title(s): VOL 4521 FOL 72 OLD SYSTEM
Prior Title(s): 410/1016834

Recorded	Number	Type of Instrument	C.T. Issue
29/4/2005	DP1077852	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
~~16/7/2005~~	~~AB501732~~	~~TRANSFER~~	FOLIO CREATED EDITION 1
24/1/2007	AC888180	SUB-LEASE	
6/5/2008	AD891076	LEASE	
17/9/2008	AE49157	SUB-LEASE	
15/12/2008	DP1119583	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

Historical Title

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - HISTORICAL SEARCH

SEARCH DATE

27/8/2013 6:07AM

FOLIO: 100/1119583

First Title(s): VOL 4521 FOL 72 OLD SYSTEM
Prior Title(s): 411/1016834 ~~5/1077852~~

Recorded	Number	Type of Instrument	C.T. Issue
15/12/2008	DP1119583	DEPOSITED PLAN	FOLIO CREATED EDITION 1
4/3/2009	AE527021	LEASE	EDITION 2
2/10/2009	AE960176	LEASE	EDITION 3
12/2/2010	AF311602	LEASE	EDITION 4
5/7/2010	AF608407	TRANSFER OF LEASE	
6/1/2011	AF669385	LEASE	EDITION 5
18/4/2013	AH552489	SUB-LEASE	
13/7/2013	AH744854	SUB-LEASE	
13/7/2013	AH744855	SUB-LEASE	
13/7/2013	AH744856	SUB-LEASE	
13/7/2013	AH744857	SUB-LEASE	

*** END OF SEARCH ***

mg

PRINTED ON 27/8/2013

LAND AND PROPERTY INFORMATION NEW SOUTH WALES - TITLE SEARCH

FOLIO: 100/1119583

SEARCH DATE	TIME	EDITION NO	DATE
27/8/2013	6:07 AM	5	6/1/2011

LAND

LOT 100 IN DEPOSITED PLAN 1119583
AT WESTMEAD
LOCAL GOVERNMENT AREA PARRAMATTA
PARISH OF ST JOHN COUNTY OF CUMBERLAND
TITLE DIAGRAM DP1119583

FIRST SCHEDULE

HEALTH ADMINISTRATION CORPORATION

SECOND SCHEDULE (13 NOTIFICATIONS)

1 LAND EXCLUDES MINERALS WITHIN THE PART(S) SHOWN SO INDICATED IN THE TITLE DIAGRAM
2 R601578 LEASE TO THE PROSPECT COUNTY COUNCIL, ALL THOSE PREMISES KNOWN AS PADMOUNT SUBSTATION NO 7793. EXPIRY DATE 17-10-2029
3 NOTFN IN GOVT GAZ 29.8.1958 FOL 2597 & 5.9.1958 FOL 2668 EASEMENT FOR SEWERAGE 6.095 WIDE (DP447721) AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
4 AB391089 LEASE TO OPTUS MOBLIE PTY LIMITED OF PART SHOWN HATCHED IN PLAN WITH AB391089. COMMENCES 1/1/2010. EXPIRES: 31/12/2014.
5 AB391090 LEASE TO OPTUS MOBILE PTY LIMITED OF PART SHOWN HATCHED IN PLAN WITH AB391090. COMMENCES 1/1/2014. EXPIRES: 31/12/2019.
6 AB391091 LEASE TO OPTUS MOBILE PTY LIMITED OF PART SHOWN HATCHED IN PLAN WITH AB391091. COMMENCES 1/1/2020. EXPIRES: 31/12/2024.
7 AD891076 LEASE TO HUTCHISON 3G AUSTRALIA PTY LIMITED OF PART OF THE ROOF, WESTMEAD HOSPITAL, CNR DARCY & HAWKESBURY ROAD, WESTMEAD AS SHOWN HATCHED IN PLAN (PAGE 9) WITH 8858902. EXPIRES: 30/6/2012. OPTION OF RENEWAL: 5 YEARS WITH A FURTHER OPTION OF 5 YEARS.
AE49157 LEASE OF LEASE AD891076 TO H3GA PROPERTIES (NO.3) PTY LIMITED EXPIRES: 29/6/2012. OPTION OF RENEWAL: 5 YEARS WITH A FURTHER OPTION OF 5 YEARS.
8 DP1119583 EASEMENT FOR SERVICES AFFECTING THE LAND ABOVE DESCRIBED
9 DP1119583 EASEMENT FOR SERVICES APPURTENANT TO THE LAND ABOVE DESCRIBED

END OF PAGE 1 - CONTINUED OVER

mg

PRINTED ON 27/8/2013

FOLIO: 100/1119583 PAGE 2

SECOND SCHEDULE (13 NOTIFICATIONS) (CONTINUED)

10 AE527021 LEASE TO TELSTRA CORPORATION LIMITED OF PART OF THE ROOF AREA SHOWN HATCHED IN PLAN WITH AE527021. EXPIRES: 31/3/2013. OPTION OF RENEWAL: TWO OPTIONS EACH OF 5 YEARS.

11 AE960176 LEASE TO INTEGRAL ENERGY AUSTRALIA OF SUBSTATION PREMISES (HVC 7741) SHOWN DESIGNATED (C) IN DP1119583. EXPIRES: 30/6/2030.

12 AF311602 LEASE TO RENU SABHARWAL OF SHOP 7 IN THE RETAIL PRECINCT OF WESTMEAD HOSPITAL, HAWKESBURY ROAD, WESTMEAD. EXPIRES: 31/12/2019.

AF608407 TRANSFER OF LEASE AF311602 LESSEE NOW JEFFREY FENG & HUA FENG

13 AF669385 LEASE TO ZOUKI WESTMEAD PTY LIMITED OF THE PARTS SHOWN HATCHED IN PLANS (PAGES 75-93) WITH AF669385. EXPIRES: 29/9/2020. OPTION OF RENEWAL: TWO (2) CONSECUTIVE PERIODS FIRST TEN (10) YEARS AND SECOND FIVE (5) YEARS.

* AH552489 LEASE OF LEASE AF669385 TO ARAB BANK AUSTRALIA LIMITED OF TENANCY T205 WESTMEAD HOSPITAL SHOWN IN PLAN WITH AH552489. EXPIRES: 31/12/2014. OPTION OF RENEWAL: 3 YEARS & 2 YEARS 271 DAYS.

* AH744854 LEASE OF LEASE AF669385 TO WESTMEAD FOOD & BEVERAGE PTY LTD OF TENANCY 1, OF WESTMEAD HOSPITAL, SHOWN IN PLAN WITH AH744854. EXPIRES: 8/1/2017. OPTION OF RENEWAL: 3 YEARS 8 MONTHS AND 19 DAYS.

* AH744855 LEASE OF LEASE AF669385 TO WESTMEAD FOOD & BEVERAGE PTY LTD OF TENANCY 2, OF WESTMEAD HOSPITAL, SHOWN IN PLAN WITH AH744855. EXPIRES: 30/6/2016. OPTION OF RENEWAL: 4 YEARS 2 MONTHS AND 28 DAYS.

* AH744856 LEASE OF LEASE AF669385 TO WESTMEAD FOOD & BEVERAGE PTY LTD OF TENANCY 3, OF WESTMEAD HOSPITAL, SHOWN IN PLAN WITH AH744856. EXPIRES: 28/9/2020. OPTION OF RENEWAL: 10 YEARS.

* AH744857 LEASE OF LEASE AF669385 TO WESTMEAD FOOD & BEVERAGE PTY LTD OF TENANCY 4, OF WESTMEAD HOSPITAL, SHOWN IN PLAN WITH AH744857. EXPIRES: 30/6/2016. OPTION OF RENEWAL: 4 YEARS 2 MONTHS AND 28 DAYS.

NOTATIONS

DP646032 NOTE: PLAN OF PROPOSED LEASE
DP647310 NOTE: PLAN OF PROPOSED EASEMENTS
UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

mg PRINTED ON 27/8/2013

Appendix F

Dangerous Goods Licences Search Results

NSW GOVERNMENT | WorkCover

WorkCover NSW
92-100 Donnison Street, Gosford, NSW 2250
Locked Bag 2906, Lisarow, NSW 2252
T 02 4321 5000 F 02 4325 4145
WorkCover Assistance Service 13 10 50
DX 731 Sydney workcover.nsw.gov.au

Our Ref: D13/110439
Your Ref: David Walker

11 September 2013

Attention: David Walker
Douglas Partners Pty Ltd
96 Hermitage Rd
West Ryde NSW 2114

Dear Mr Walker,

RE SITE: Westmead Hospital Carpark Darcy Rd Westmead NSW

I refer to your site search request received by WorkCover NSW on 4 September 2013 requesting information on licences to keep dangerous goods for the above site.

A search of the Stored Chemical Information Database (SCID) and the microfiche records held by WorkCover NSW has not located any records pertaining to the above mentioned premises.

If you have any further queries please contact the Dangerous Goods Licensing Team on (02) 4321 5500.

Yours Sincerely

Brent Jones
Senior Licensing Officer
Dangerous Goods Team

Appendix G

Council Section 149 (2 & 5) Certificate

PLANNING CERTIFICATE

CERTIFICATE UNDER SECTION 149
Environmental Planning and Assessment Act, 1979 as amended

Douglas Partners Pty Ltd
PO Box 472
WEST RYDE NSW 1685

Certificate No:	2013/3642
Fee:	$133.00
Issue Date:	28 August 2013
Receipt No:	3936073
Applicant Ref:	73603.01

DESCRIPTION OF LAND

Address:	Westmead Hospital 166-174 Hawkesbury Road WESTMEAD NSW 2145
Lot Details:	Lot 100 DP 1119583

SECTION A
The following Environmental Planning Instrument to which this certificate relates applies to the land:

Parramatta Local Environmental Plan 2011

For the purpose of **Section 149(2)** it is advised that as the date of this certificate the abovementioned land is affected by the matters referred to as follows:

PARRAMATTA CITY COUNCIL
30 Darcy Street, Parramatta NSW 2150
PO Box 32, Parramatta NSW 2124
Phone: 02 9806 5050
Fax: 02 9806 5917
www.parracity.nsw.gov.au

If you do not understand this letter, please ring the Telephone Interpreter Service (131 450) and ask them to contact Council (9806 5050). Office hours are 8.30am to 4.30pm, Mondays to Fridays.

ARABIC

إذا لم تستطع فهم هذه الرسالة، الرجاء الاتصال بخدمة الترجمة الهاتفية على رقم ١٣١ ٤٥٠ وأسألهم أن يتصلوا بالبلدية على رقم ٩٨٠٦ ٥٠٠٠. دوام ساعات العمل هي من الساعة ٨:٣٠ صباحاً الى ٤:٣٠ بعد الظهر من الاثنين الى الجمعة.

CHINESE

如您看不懂此信，請打電話給「電話翻譯服務台」（131 450）請他們聯絡市政廳（市政廳電話 9806 5050）。市政廳辦公時間，星期一至星期五，上午八點半至下午四點半。

CROATIAN

Ako ne razumijete ovo pismo, molimo nazovite Službu prevodilaca i tumača (Translating and Interpreting Service – na broj 131 450) i zamolite ih da nazovu Općinu (na 9806 5050). Radno vrijeme je od 8.30 ujutro do 4.30 popodne, od ponedjeljka do petka.

FRENCH

Si vous avez des difficultés à comprendre cette lettre, vous pouvez contacter le service d'interprètes par téléphone au 131 450 et leur demander de contacter la mairie (Council) au 9806 5050. Les bureaux de la mairie sont ouverts du lundi au vendredi de 8h30 à 16h30.

GERMAN

Wenn Sie diesen Brief nicht verstehen können, rufen Sie bitte den Telefon Dolmetscher Dienst (Telephone Interpreter Service) (131 450) an und lassen Sie sich vom Personal mit dem Gemeinderat (Council) in Verbindung setzen (9806 5050). Geschäftsstunden sind von 8:30 bis 16:30 Uhr, montags bis freitags.

GREEK

Αν δεν καταλαβαίνετε αυτό το γράμμα, σας παρακαλούμε να τηλεφωνήσετε την Τηλεφωνική Υπηρεσία Διερμηνέων (131 450) και να τους ζητήσετε να επικοινωνήσουν με το Δημοτικό Συμβούλιο (9806 5050). Τα γραφεία του είναι ανοιχτά από τις 8.30 πμ μέχρι τις 4.30 μμ, από Δευτέρα μέχρι και Παρασκευή.

HINDI

अगर आप इस पत्र को पढ़कर समझ नहीं पाते हैं तो टेलीफ़ोन अनुवादक सेवा (फ़ोन नंबर १३१ ४५०) को फ़ोन कीजिए और उन्हें काउंसिल (फ़ोन नंबर ९८०६ ५०००) से बात कराने के लिए कहिएगा। आफ़िस का समय प्रातः ८:३० से सायं ४:३० बजे प्रतिदिन सोमवार से शुक्रवार ।

ITALIAN

Se non comprendi questa lettera, telefona al Servizio traduzioni e interpreti al numero 131 450 chiedendo di essere messo in contatto con il Comune (telefono 9806 5050). Orario d'ufficio: ore 8.30-16.30, dal lunedi al venerdi.

KOREAN

만일 이 편지를 이해하지 못하시면, 전화 통역 서비스 (131 450)에 전화하여 카운슬(9806 5050)에 연락해 달라고 부탁하십시오. 근무 시간은 월~금, 오전 8시 30분부터 오후 4시 30분까지입니다.

MALTESE

Jekk na tifhimx din-l-ittra, jekk jogħġbok ċempel lis-Servizz ta' l-Interpretù (131 450) u itlobhom biex jikkuntatjaw lill-Kunsill (9806 5050). Il-ħinijiet ta' l-Uffiċċju huma mit-8.30 a.m. sal-4.30 p.m., mit-Tnejn sal-Ġimgħa.

POLISH

Jeśli nie rozumiesz treści niniejszego pisma, zadzwoń do Telefonicznego Biura Tłumaczy (Telephone Interpreter Service) pod numer 131 450 i poproś o telefoniczne skontaktowanie się w Twoim imieniu z Radą Miejską pod numerem 9806 5050. Godziny urzędowania: 08.30-16.30 od poniedziałku do piątku.

SPANISH

Si Ud. no entiende esta carta, por favor llame al Servicio Telefónico de Intérpretes (131 450) y pídales que llamen a la Municipalidad (Council) al 9806 5050. Las horas de oficina son de 8:30 am a 4:30 pm, de lunes a viernes.

TAGALOG

Kung hindi ninyo maunawaan ang liham na ito, tawagan lamang ang Telephone Interpereter Service (131 450) at makiusap na makipag-alam sila sa Konseho para sa inyong kapakanan (9806 5050). Oras ng trabaho 8.30 n.u. hanggang 4.30 n.h., Lunes hanggang Biyernes.

TURKISH

Bu mektubu anlayamazsanız, lütfen Telefonla Tercüme Servisi'ne (131 450) telefon ederek, Belediye ile (9806 5050) ilişkiye geçmelerini isteyiniz. Çalışma saatleri Pazartesi — Cuma günleri arasında saat sabah 8.30'dan öğleden sonra 4.30'a Kadardır.

VIETNAMESE

Nếu quý vị không hiểu thư này, xin điện thoại Telephone Interpreter Service (Dịch Vụ Thông Nhôn bằng Điện Thoại) ở số 131 450 và nhờ họ liên lạc với Council (Hội Đồng) số 9806 5050. Giờ Làm Việc từ 8 giờ 30 sáng đến 4 giờ 30 chiều, Thứ Hai đến Thứ Sáu.

National Relay Number: 133 677

Callers who are deaf or have a hearing impairment or speech/communication impairment may call through the National Relay Service using modem or textphone (TTY) by dialling 133 677 and quoting Parramatta City Council's Customer Service Number, 9806 5050.

The land is zoned: SP2 Infrastructure PLEP2011

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act, 1979. NOTE: This table is an excerpt from Parramatta Local Environmental Plan 2011 and must be read in conjunction with and subject to the other provisions of that instrument, and in force at that date.

1 Objectives of zone
- To provide for infrastructure and related uses.
- To prevent development that is not compatible with or that may detract from the provision of infrastructure.

2 Permitted without consent
Nil

3 Permitted with consent
The purpose shown on the Land Zoning Map, including any development that is ordinarily incidental or ancillary to development for that purpose; Environmental protection works; Flood mitigation works; Recreation areas; Roads

4 Prohibited
Any development not specified in item 2 or 3

SECTION B

State Policies and Regional Environmental Plans
The land is affected by State Environmental Planning Policies and Regional Environmental Plans as detailed in Annexure "B1".

Draft Local Environmental Plan
The land is affected by a Draft Local Environmental Plan which has been placed on Public Exhibition and has not yet been published. The Draft Local Environmental Plan is described below.

Planning Proposal – Housekeeping Amendment to Parramatta LEP 2011
This land is affected by a planning proposal seeking to amend the Parramatta Local Environmental Plan 2011. The planning proposal seeks to: correct anomalies and discrepancies; update provisions in accordance with related legislative changes; and clarify dual occupancy development provisions.

Development Control Plan
The land is affected by Parramatta Development Control Plan 2011.

The Minister for Planning and Infrastructure has issued directions that provisions of an EPI do not apply to certain Part 4 development where a concept plan has been approved under Part 3A.

Development Standards
The land is identified as "Riparian Land and Waterways" on the Natural Resources – Riparian Land and Waterways map and is subject to Clause 6.5 of Parramatta Local Environmental Plan 2011.

Development Contribution Plan
The Parramatta Section 94A Development Contributions Plan applies to the land.

Heritage Item/Heritage Conservation Area
An item of environmental heritage is not situated on the land.

The land is not located in a heritage conservation area.

Road Widening
The land is not affected by road widening or road realignment under:

(a) Division 2 of Part 3 of the Roads Act 1993.
(b) Any Environmental Planning Instrument.
(c) Any Resolution of Council.

Land Reservation Acquisition
The land is not affected by Land Reservation Acquisition in Parramatta Local Environmental Plan 2011.

Site Compatibility Certificate (Seniors Housing, Infrastructure and Affordable Rental Housing)
At the date of issue of this certificate Council is not aware of any

a. Site compatibility certificate (affordable rental housing),
b. Site compatibility certificate (infrastructure),
c. Site compatibility certificate (seniors housing)

in respect to the land issued pursuant to the Environmental Planning & Assessment Amendment (Site Compatibility Certificates) Regulation 2009 (NSW).

Contamination
The land is not affected by any of the matters contained in Clause 59(2) as amended in the Contaminated Land Management Act 1997 – as listed

a. that the land to which the certificate relates is significantly contaminated land
b. that the land to which the certificate relates is subject to a management order
c. that the land to which the certificate relates is the subject of an approved voluntary management proposal
d. that the land to which the certificate relates is subject to an ongoing maintenance order
e. that the land to which the certificate relates is the subject of a site audit statement

Tree Preservation
The land is subject to Section 5.4 Preservation of Trees or Vegetation in Parramatta Development Control Plan 2011.

Council has not been notified of an order under the Trees (Disputes Between Neighbours) Act 2006 to carry out work in relation to a tree on the land.

Coastal Protection
The land is not affected by Section 38 or 39 of the Coastal Protection Act 1979.

Has an order been made under Part 4D of the Coastal Protection Act 1979 in relation to temporary coastal protection works (within the meaning of the Act) on the land (or on public land adjacent to that land)?
NO

Has Council been notified under section 55x of the Coastal Protection Act 1979 that temporary coastal protection works (within the meaning of the Act) have been placed on the land (or on public land adjacent to that land)?
NO

Has the owner (or any previous owner) of the land been consented in writing to the land being subject to annual charges under section 496B of the Local Government Act 1993 for coastal protection services that relate to existing coastal protection works (within the meaning of section 553B of that Act)?
NO

Council Policy
Council has not adopted a policy to restrict the development of the land by reason of the likelihood of projected sea level rise (coastal protection), tidal inundation, subsidence or any other risk.

Council has adopted a policy covering the entire City of Parramatta to restrict development of any land by reason of the likelihood of flooding.

Mine Subsidence
The land is not affected by Section 15 of the Mine Subsidence Compensation Act 1961 proclaiming land to be a Mine Subsidence District.

Bushfire Land
The land is not bushfire prone land.

Threatened Species
Draft mapping commissioned by the Department of Climate Change of the Natural and Native Vegetation for the Sydney Metropolitan Catchment Authority Area indicates this site may contain vegetation which may be considered a Critically Endangered Ecological Community.

State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This does not constitute a Complying Development Certificate under section 85 of the EP&A Act

This information only addresses matters raised in **Clauses 1.17A (c) and (d) and 1.19** of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

It is your responsibility to ensure that you comply with the general requirements of the State Environmental Planning Policy (Exempt and Complying Codes) 2008. Failure to comply with these provisions may mean that a Complying Development Certificate issued under the provisions of State Environmental Planning Policy (Exempt and Complying Codes) 2008 is invalid.

General Housing Code

Complying development pursuant to the General Housing Code **may** be carried out on the land under **Clause 1.17A (c) and (d)**.

Complying Development pursuant to the General Housing Code **may** be carried out on the land under **Clause 1.19.**

Housing Alterations Code

Complying Development pursuant to the Housing Alterations Code **may** be carried out on the land under **Clause 1.17A (c) and (d)**

Complying Development pursuant to the Housing Alterations Code **may** be carried out on the land under **Clause 1.19.**

General Development Code

Complying development pursuant to the General Development Code **may** be carried out on the land under **Clause 1.17A (c) and (d)**

Complying Development pursuant to the General Development Code **may** be carried out on the land under **Clause 1.19**

Demolition Code

Complying development pursuant to the Demolition Code **may** be carried out on the land under **Clause 1.17A (c) and (d)**

Complying Development pursuant to the Demolition Code **may** be carried out on the land under **Clause 1.19.**

General Commercial and Industrial Code

Complying development pursuant to the General Commercial and Industrial Code **may** be carried out on the land under **Clause 1.17A (c) and (d)**

Complying Development pursuant to the General Commercial and Industrial Code **may** be carried out on the land under **Clause 1.19**

SPECIAL NOTES

The land is identified as Class 5 on the Acid Sulfate Soils map. Refer to Clause 6.1 of Parramatta Local Environmental Plan 2011.

Applicants for Sections 149 Certificates are advised that Council does not hold sufficient information to fully detail the effect of any encumbrances on the title of the subject land. The information available to Council is provided on the basis that neither Council nor its servants hold out advice or warrant to you in any way its accuracy, nor shall Council or its servants, be liable for any negligence in the preparation of that information. Further information should be sought from relevant Statutory Departments.

SECTION C

The following additional information is issued under Section 149(5)

Pursuant to S149(5) the Council supplies information as set out below on the basis that the Council takes no responsibility for the accuracy of the information. The information if material should be independently checked by the applicant.

Aboriginal Heritage – low sensitivity – limited potential to contain items of Aboriginal heritage. Contact Council's Customer Service/Duty Planner (02) 9806 5050 for more information.

Aboriginal Heritage – High Sensitivity – potential to contain items of Aboriginal heritage. Contact Council's Customer Service/Duty Planner (02) 9806 5050 for more information.

Aboriginal Heritage – within proximity of a recorded site. May contain a registered site. Contact National Parks and Wildlife Service (02) 9585 6470.

The land is affected by a 100 year Average Recurrence Interval flood as indicated by Council's current flooding information. As such Council is required to take that into account when determining any development application made in respect of the land.

Further information is available at the Catchment Management Section within Council's City Assets and Environment Unit located on the Ground Floor eastern end Library Building, 1A Civic Place, Parramatta.

Additional advice should be also sought from an appropriately qualified person as to the extents and potential hazards associated with the likely flooding of the land. The names of qualified persons maybe obtained from the Institution of Engineers Australia.

ANNEXURE "B1"

Issued pursuant to Section 149 of the Environmental Planning and Assessment Act 1979. Note:The following information is supplied in respect of Section 149 and embodies the requirements of Department of Planning Circular No. A2 dated 17 March 1989 and the Ministerial Notification dated 15 December 1986.

STATE ENVIRONMENTAL PLANNING POLICY NO.1 - Development Standards

STATE ENVIRONMENTAL PLANNING POLICY NO.4 - Development without Consent and Miscellaneous Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.6 - Number of Storeys in a Building

STATE ENVIRONMENTAL PLANNING POLICY NO.19 - Bushland in Urban Areas

STATE ENVIRONMENTAL PLANNING POLICY NO.21 – Caravan Parks

STATE ENVIRONMENTAL PLANNING POLICY NO.22 - Shops and Commercial Premises

STATE ENVIRONMENTAL PLANNING POLICY NO.32 - Urban Consolidation (Redevelopment of Urban Land)

STATE ENVIRONMENTAL PLANNING POLICY NO.33 - Hazardous and Offensive Development

STATE ENVIRONMENTAL PLANNING POLICY NO.55 - Remediation of Land

STATE ENVIRONMENTAL PLANNING POLICY NO.60 - Exempt and Complying Development

STATE ENVIRONMENTAL PLANNING POLICY NO.64 - Advertising and Signage

STATE ENVIRONMENTAL PLANNING POLICY NO.65 – Design Quality of Residential Flat Development.

STATE ENVIRONMENTAL PLANNING POLICY NO.70 – Affordable Housing (Revised Schemes)

STATE ENVIRONMENTAL PLANNING POLICY – (Housing for Seniors or People with a Disability) 2004

STATE ENVIRONMENTAL PLANNING POLICY – (Building Sustainability Index: BASIX) 2004

STATE ENVIRONMENTAL PLANNING POLICY – (Major Development) 2005

STATE ENVIRONMENTAL PLANNING POLICY – (Mining, Petroleum Production and Extractive Industries) 2007

STATE ENVIRONMENTAL PLANNING POLICY – (Temporary Structures) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Infrastructure) 2007

STATE ENVIRONMENTAL PLANNING POLICY (Exempt and Complying Development Codes) 2008

STATE ENVIRONMENTAL PLANNING POLICY (Affordable Rental Housing) 2009

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.9 (No.2) - Extractive Industries

SYDNEY REGIONAL ENVIRONMENTAL PLAN NO.24 - Homebush Bay Area

SYDNEY REGIONAL ENVIRONMENTAL PLAN – (Sydney Harbour Catchment) 2005

N.B. All enquiries as to the application of Draft, State and Regional Environmental Planning Policies should be directed to The Department of Planning and Infrastructure – 23-33 Bridge Street Sydney NSW 2000.

Dr Robert Lang
Chief Executive Officer

per

dated 28 August 2013

Appendix H

Borehole and Test Pit Logs

and Notes About this Report

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.08 AHD
EASTING: 313612.3
NORTHING: 6257883.58
DIP/AZIMUTH: 90°/--

BORE No: 1
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low / Very Low / Low / Medium / High / Very High / Ex High)	Water	Fracture Spacing (m) (0.01 / 0.05 / 0.10 / 0.50 / 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
18	0.04	ASPHALTIC CONCRETE							A			PID<1
		ROADBASE - green-grey, medium to coarse grained, gravelly sand roadbase, medium to coarse, subangular, basaltic gravel										
	0.55											
	0.9	FILLING - brown sandy clay filling with some gravel and fibro cement fragments							A			PID<1
17	1								S			4,8,7 N = 15
	1.1	FILLING - brown silty clay filling with some gravel and sand							E			PID<1
	1.8	FILLING - apparently well compacted, brown clay, trace of ironstone gravel, silt and charcoal						Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°				
16	2											
	2.1	SILTY CLAY - grey silty clay										
		SHALY CLAY - extremely low strength, extremely weathered, light grey and red brown shale, some medium strength ironstone bands							A			PID<1
								2.6m: CORE LOSS: 440mm	S			25/100 refusal
15	3											pp = 570
									C	72		
14	4											pp = 600
	4.9	SHALE - extremely to very low strength, slightly weathered with an extremely weathered band, fragmented and fractured and slightly fractured, grey brown shale, some low to medium strength bands						4.7m: CORE LOSS: 200mm 4.9 to 5.3m: B(x4), fe 5.3 to 5.5m: fg, fe 5.5 to 6.13m: Ds				PL(A) = 0.1
13	5											PL(A) = 0.3
									C	100	9	
12	6											
	6.35	SHALE - medium then low strength, slightly weathered, fractured and slightly fractured, grey brown shale, with some extremely low strength bands						6.13 to 6.33m: B(x4) fe, cly 6.33m: J35°, un, ro, fe 6.5m: B, fe, Ds 60mm 6.55 to 6.7m: B(x4), cly 6.87m: B 85°, un, ro, cln 7.17 & 7.25m: B, cly 10-15mm 7.6m: `J75°, un, ro, fe				PL(A) = 0.5
11	7											
	7.5	LAMINITE - high strength, fresh, slightly fractured, grey laminite. Approximately 20% fine grained sandstone laminations							C	100	92	PL(A) = 0.2
10	8											PL(A) = 1.5
	8.3	Bore discontinued at 8.3m Termination depth reached										PL(A) = 2.1
9	9											

RIG: Scout 1 **DRILLER:** LC **LOGGED:** DW/SI **CASING:** HW to 2.5m

TYPE OF BORING: Solid flight auger to 2.5m; rotary to 2.6m; NMLC coring to 8.3m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.75 AHD
EASTING: 313576.18
NORTHING: 6257874.72
DIP/AZIMUTH: 90°/--

BORE No: 2
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Type	Core Rec. %	RQD %	Test Results & Comments
	0.055	ASPHALTIC CONCRETE	A			PID<1
	0.5	ROADBASE - grey, fine to coarse grained, gravelly sand roadbase, fine to medium gravel, dry	A			PID<1
	1.0	SILTY CLAY - brown and grey mottled silty clay with a trace of fine to medium, ironstone gravel, moist	A			PID<1
		SHALY CLAY - extremely low strength, extremely weathered, light grey and red brown shale, with some medium strength ironstone bands	S			6,19,31 N = 50
			C	100		pp = 300 pp >=500
	3.55	SHALE - extremely to very low strength, highly weathered, fragmented and fractured, grey shale. Some low strength bands	C	91	0	PL(A) = 0.1 PL(A) = 0.1
	5.1	SHALE - low to medium and medium strength, slightly weathered, fragmented and fractured, grey shale, with some very low strength bands	C	100	0	PL(A) = 0.5
			C	85	0	PL(A) = 0.6
	7.75	LAMINITE - high strength, fresh, slightly fractured, grey laminite. Approximately 20% fine grained sandstone laminations	C	100	70	PL(A) = 1.4
	8.5	Bore discontinued at 8.5m Termination depth reached				

Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°

3.6 to 3.75m: fg
3.75 to 3.82m: Ds
3.9 to 4.65m: B(x12), fe, cly

4.65 & 4.75m: J35°-45°, pl, sm, cln
4.95m: CORE LOSS: 150mm
5.1 to 5.9m: fg, fe

5.9 to 6.1m: B(x4) 0°-10°, fe
6.1 to 6.25m: fg, fe
6.25 to 6.65m: B(x10) 0°-5°, fe, cly

6.65 to 6.7m: fg, fe
6.7m: J45°, pl, sm, cly
7.0 to 7.25m: fg

7.3m: J30°, pl, sm, cln
7.45 to 7.57m: Ds
7.57m: CORE LOSS: 180mm
7.75 & 7.85m: J35°, sm, pl, fe
8.15m: J35°, un, ro, cln
8.35 to 8.42m: fg

Water: 06-09-13

RIG: Scout 1 **DRILLER:** LC **LOGGED:** AK/SI **CASING:** HW to 1.5m

TYPE OF BORING: Auger to 1.0m; rotary to 1.55m; NMLC coring to 8.5m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: Standpipe installed to 8.5m; (screen: 1.0 to 8.5m; gravel: 0.8-8.5m; bentonite: 0.2-0.8m then backfill and gatic cover)

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.75 AHD
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BORE No: 2
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
	0.055	ASPHALTIC CONCRETE		A	0.1		PID<1		Cap
		ROADBASE - grey, fine to coarse grained, gravelly sand roadbase, fine to medium gravel, dry							Concrete
	0.5	SILTY CLAY - brown and grey mottled silty clay with a trace of fine to medium, ironstone gravel, moist		A	0.5		PID<1		Bentonite
	1.0	SHALY CLAY - extremely low strength, extremely weathered, light grey and red brown shale, with some medium strength ironstone bands		A	1.0		PID<1		
				S			6,19,31 N = 50		
					1.45				
					1.55		pp = 300		
					1.65				
				C	2.55		pp >=500		Gravel pack
					3.4				
	3.55	SHALE - extremely to very low strength, highly weathered, fragmented and fractured, grey shale. Some low strength bands		C	3.9		PL(A) = 0.1		
					4.9		PL(A) = 0.1	06-09-13	Screen
	5.1	SHALE - low to medium and medium strength, slightly weathered, fragmented and fractured, grey shale, with some very low strength bands			5.1				
				C	5.7		PL(A) = 0.5		
					6.6				
				C	6.95		PL(A) = 0.6		
	7.75	LAMINITE - high strength, fresh, slightly fractured, grey laminite. Approximately 20% fine grained sandstone laminations			7.75				
				C	8.3		PL(A) = 1.4		
	8.5	Bore discontinued at 8.5m Termination depth reached			8.5				End Cap

RIG: Scout 1 **DRILLER:** LC **LOGGED:** AK/SI **CASING:** HW to 1.5m

TYPE OF BORING: Auger to 1.0m; rotary to 1.55m; NMLC coring to 8.5m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: Standpipe installed to 8.5m; (screen: 1.0 to 8.5m; gravel: 0.8-8.5m; bentonite: 0.2-0.8m then backfill and gatic cover)

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.88 AHD
EASTING: 313561.14
NORTHING: 6257823.5
DIP/AZIMUTH: 90°/--

BORE No: 3
PROJECT No: 73603.00
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
19	0.03	ASPHALTIC CONCRETE							D			PID<1
	0.45	ROADBASE - well compacted, dark grey-green, gravelly sand roadbase, humid							D			PID<1
	0.7	FILLING - well compacted, mottled red, orange and green, sandy clay filling, humid										
18	1.3	SILTY CLAY - very stiff, brown mottled red, low plasticity, silty clay, trace of fine to medium grained sand, damp							S			6,15,23 N = 38
	2.2	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, with some ironstone gravel, damp						Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°				
17	2.4	SHALE - extremely low strength, extremely weathered, thinly laminated, light grey shale							S			25/80 refusal
		SHALE - low strength, moderately weathered, slightly to highly fractured, dark grey mottled orange, thinly laminated shale										PL(A) = 1.3
16	3											PL(A) = 0.4
	4								C	100	45	
15		4.4m: very low strength, highly weathered						4.56m: J45°, pl, cln, sm, fe stn 4.62m: J45°, pl, cln, sm, fe stn				PL(A) = 0.5
	5	5.15m: extremely low strength, extremely weathered bands										PL(A) = 0.3
14	6								C	100	50	PL(A) = 3.3
	6.7	SHALE - medium to high strength, slightly weathered, fractured, dark grey stained orange, thinly laminated shale						Below 6.7m, unless otherwise specified, rock is fractured along planar, rough bedding dipping at 0° 7.12m: J30°, plp, sm, cln 7.46m: J40°, pl, sm, cln 7.8m: J60°, Pl, He				
13	7											
12	8								C	100	100	PL(A) = 0.8
	8.4	Bore discontinued at 8.4m Termination depth reached										
11	9											
10												

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 2.6m

TYPE OF BORING: Auger to 2.6m; NMLC coring to 8.4m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.71 AHD
EASTING: 313518.53
NORTHING: 6257769.31
DIP/AZIMUTH: 90°/--

BORE No: 4
PROJECT No: 73603.00
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
19	0.04	ASPHALTIC CONCRETE							D			PID<1
	0.45	ROADBASE - dark grey-green, fine grained, silty sandy gravel roadbase, humid							D			PID<1
	0.8	FILLING - brown mottled red-grey, silty sandy clay filling, damp										
18	1	FILLING - moderately compacted, light brown-grey, fine to medium grained sand filling, with some silt, humid							D			PID<1
									S			8,5,5 N = 10
	1.9	SILTY CLAY - very stiff, red mottled dark grey, low plasticity, silty clay, trace of fine grained, ironstone gravel and rootlets, damp							D			PID<1
17	2								D			
									S			14,16,21 N = 37
	3											
	3.4	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay,				06-09-13		Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°				
16	3.9	damp										
	4	SHALE - extremely low strength, extremely weathered, light grey, thinly laminated shale							S			11,23,30 N = 53
15								4.53m: CORE LOSS: 300mm	C	40	0	PL(A) = 0.4
	4.83	SHALE - medium strength, slightly weathered, fragmented then highly fractured, dark grey, thinly laminated shale, with extremely low strength bands						4.9 to 4.96m: B, pl, cly inf				
	5								C	100	0	
14								5.66m: J80°, un, sm, cln				PL(A) = 0.6
	6							5.85m: J30°, un, sm, cln				
												PL(A) = 0.7
13								6.56m: J45°, pl, sm, cln				
	7							6.67m: J45°, pl, sm, cln	C	100	0	
12		7.5m: slightly fractured										PL(A) = 1
	8											
	8.0	Bore discontinued at 8.0m Termination depth reached										
11	9											
10												

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 3.0m

TYPE OF BORING: Auger to 3.0m; rotary to 4.3m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.71 AHD
EASTING: 313518.53
NORTHING: 6257769.31
DIP/AZIMUTH: 90°/--

BORE No: 4
PROJECT No: 73603.00
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
19	0.04	ASPHALTIC CONCRETE		D	0.1		PID<1		Cap
	0.45	ROADBASE - dark grey-green, fine grained, silty sandy gravel roadbase, humid		D	0.5		PID<1		Filling
	0.8	FILLING - brown mottled red-grey, silty sandy clay filling, damp							
18	1	FILLING - moderately compacted, light brown-grey, fine to medium grained sand filling, with some silt, humid		D	1.0		PID<1		Bentonite
					1.5				
				S			8,5,5 N = 10		
17	1.9	SILTY CLAY - very stiff, red mottled dark grey, low plasticity, silty clay, trace of fine grained, ironstone gravel and rootlets, damp		D	1.95 2.0		PID<1		
				D	2.5				
				S			14,16,21 N = 37		
	3				2.95				
16	3.4	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, damp						06-09-13	
	3.9	SHALE - extremely low strength, extremely weathered, light grey, thinly laminated shale			3.8				
				S			11,23,30 N = 53		Gravel Pack
					4.25				
15				C	4.3				
	4.83	SHALE - medium strength, slightly weathered, fragmented then highly fractured, dark grey, thinly laminated shale, with extremely low strength bands			4.8		PL(A) = 0.4		Machine Slotted PVC Screen
14				C	5.7		PL(A) = 0.6		
					6.25				
13					6.4		PL(A) = 0.7		
				C					
12		7.5m: slightly fractured			7.55		PL(A) = 1		
11	8.0	Bore discontinued at 8.0m Termination depth reached			8.0				End Cap
10									
9									

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 3.0m

TYPE OF BORING: Auger to 3.0m; rotary to 4.3m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.66 AHD
EASTING: 313547.86
NORTHING: 6257851.26
DIP/AZIMUTH: 90°/--

BORE No: 5
PROJECT No: 73603.00
DATE: 29/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
18	0.04	ASPHALTIC CONCRETE							D			PID<1
	0.2	ROADBASE - dark grey, silty sandy gravel roadbase, humid							D			PID<1
	0.6	FILLING - brown, silty sandy clay filling, humid							D			
1		SILTY CLAY - stiff then hard, brown, low plasticity silty clay, trace of fine to medium grained sand, damp							S			6,9,25 N = 34
	1.3	SILTY CLAY - hard, light grey mottled orange-red, low plasticity, silty clay, with some medium to coarse grained, ironstone gravel (Residual Soil)										
17								Unless otherwise specified, rock is fractured along rough, planar bedding dipping at 0° - 10°	C	100		pp = 400
2												pp = 350
16	3.5	SHALY CLAY - extremely low strength, extremely weathered, fragmented, grey stained orange-brown, shaly clay										
	3.95	SHALE - extremely low to very low strength, highly weathered, unbroken and sightly fractured, dark grey mottled orange, shale						4.15m: B, pl, sm, cly vn	C	100	85	PL(A) = 0.2
15		From 4.75m: very low to low strength						5.85m: B, pl, cly. inf				
3		From 6.0m: low strength										
14	6.4	SHALE - medium strength then high strength, slightly weathered, unbroken and slightly fractured, dark grey shale						6.46m: J80°, pl, sm, cln	C	100	70	PL(A) = 0.7 PL(A) = 0.7 PL(A) = 1.8
4												
13	8.28	Bore discontinued at 8.28m Termination depth reached										
5												
12												
6												
11												
7												
10												
8												
9												

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 1.3m

TYPE OF BORING: Auger to 1.0m; rotary to 2.0m; NMLC coring to 8.28m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.21 AHD
EASTING: 313523.14
NORTHING: 6257819.76
DIP/AZIMUTH: 90°/--

BORE No: 6
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
19	0.04	ASPHALTIC CONCRETE							A			
		ROADBASE - dark grey-green, silty sandy gravel roadbase, humid							A			
	0.45	SILTY CLAY - very stiff then hard, brown, low plasticity, silty clay, trace of fine to medium grained sand, damp										
18	1	Below 0.9m: red mottled dark grey, with some fine to coarse grained ironstone gravel							S			10,18,22 N = 40
	1.6	SILTY CLAY - hard, light grey mottled red-brown, low plasticity, silty clay, with some medium to coarse, ironstone gravel, damp (Residual Soil)						Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°	A			
17	2											
	2.5	SHALY CLAY - extremely low strength, extremely weathered, light grey and red-brown shaly clay, with some ironstone bands										
16	3											
	3.8	SHALE - very low to low strength, highly weathered, grey mottled orange shale, with some medium strength bands						4m: B, pl, cly inf	C	100		PL(A) = 0.9
15	4											
								4.9m: B, pl, cly inf 5.09m: J45°, pl, sm, cly vn 5.19m: B, cly vn 5.45m: J70°, pl, ro, fe				
14	5											
13	6											
	6.35	SHALE - medium then medium to high strength, slightly weathered, fractured, grey-brown shale, with some very low strength bands						6.35m: J60°, pl, sm, cly vn				PL(A) = 0.5
12	7								C	100	35	
								7.1m: B, cly inf 7.17 to 7.35m: fg				PL(A) = 1
	7.9	SILTSTONE - high strength, fresh, slightly fractured, grey siltstone, with some fine grained sandstone laminations						7.55m: J60°, pl, sm, cln 7.68m: J45°, pl, sm, cly vn 7.72m: J70°, pl, sm, cln 7.85m: J60°, pl, sm, cln				PL(A) = 1.2
11	8											
	8.45	Bore discontinued at 8.45m Termination depth reached										
10	9											

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE/SI **CASING:** HW to 2.7m

TYPE OF BORING: Auger to 2.5m; rotary to 2.9m; NMLC coring to 8.45m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.05 AHD
EASTING: 313522.05
NORTHING: 6257857.44
DIP/AZIMUTH: 90°/--

BORE No: 7
PROJECT No: 73603.00
DATE: 29/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low / Very Low / Low / Medium / High / Very High / Ex High)	Water	Fracture Spacing (m) (0.01 / 0.05 / 0.10 / 0.50 / 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
18	0.04	ASPHALTIC CONCRETE							D			PID<1
	0.35	ROADBASE - dark grey and green silty sandy gravel roadbase, humid							D			PID<1
17	1	SILTY CLAY - stiff then very stiff, brown mottled red, low plasticity, silty clay, trace of fine to medium grained sand, humid							D			PID<1
	1.1	SILTY CLAY - hard, light grey mottled orange-red, silty clay, with some medium to coarse, ironstone gravel, damp From 1.9m: humid							S			6,6,12 N = 18
16	2								D			PID<1
	2.3	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, damp							S			12,21,27 N = 48
15	3											
14	4											pp = 520
	4.33	SHALE - very low strength, moderately then highly weathered, unbroken then fractured and slightly fractured, dark grey and grey shale							C	100		pp = 600
13	5											
12	6							5.56m: J40°, pl, sm, cln 5.72m: J25°, pl, sm, cly vn 6.23m: Cs, 100mm 6.46m: B, un, ro, cly vn				PL(A) = 0.3
	6.33	SHALE - medium then high strength, slightly weathered, fractured and slightly fractured, dark grey shale							C	100	72	PL(A) = 0.8
11	7							7.07m: B, pl, cly inf 7.1m: J70°, un, ro, cln 7.44m: J40°, pl, ro, cln				PL(A) = 1.3
10	8											
	8.0	Bore discontinued at 8.0m Termination depth reached										
9	9											

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 2.7m

TYPE OF BORING: Auger to 2.5m; rotary to 3.0m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.98 AHD
EASTING: 313475.1
NORTHING: 6257788.4
DIP/AZIMUTH: 90°/--

BORE No: 8
PROJECT No: 73603.00
DATE: 29/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low / Very Low / Low / Medium / High / Very High / Ex High)	Water	Fracture Spacing (m) (0.01 / 0.05 / 0.10 / 0.50 / 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
	0.04	ASPHALTIC CONCRETE							D			PID<1
	0.4	ROADBASE - grey, silty sandy gravel roadbase, humid							D			PID<1
18	1	SILTY CLAY - stiff to very stiff, brown, low plasticity silty clay, trace of fine to medium sand, damp From 0.9m: red mottled grey							D S			PID<1 4,7,9 N = 16
	1.9	SILTY CLAY - very stiff then hard, red mottled light grey, silty clay, with some medium to coarse, ironstone gravel, damp (Residual Soil)							S			7,10,12 N = 22
	3.8	SHALY CLAY - extremely low strength, light grey mottled orange, shaly clay, damp							S			12,21,33 N = 54
	4.3	SHALE - very low to low strength, highly weathered, unbroken, dark grey mottled orange, thinly laminated shale							C	100	100	PL(A) = 0.2 PL(A) = 0.1
	6.72	SHALE - medium strength, slightly weathered, slightly fractured, dark grey shale						6.75m: B0°, pl, cly inf 6.87m: B0°, pl, co, cln, fe stn 7.13 to 7.17m: B0°, pl, cly inf	C	100	100	PL(A) = 0.2 PL(A) = 1.4 PL(A) = 1.6
	8.17	Bore discontinued at 8.17m Termination depth reached										

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 2.7m

TYPE OF BORING: Auger to 2.5m; rotary to 4.3m; NMLC coring to 8.17m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.20 AHD
EASTING: 313479.78
NORTHING: 6257837.36
DIP/AZIMUTH: 90°/--

BORE No: 9
PROJECT No: 73603.00
DATE: 29/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
18	0.04	ASPHALTIC CONCRETE							D			PID<1
	0.35	ROADBASE - grey, silty sandy gravel roadbase, humid							D			PID<1
		SILTY CLAY - very stiff, brown mottled red, low plasticity, silty clay, trace of fine to medium sand, damp							D			PID<1
17	1	From 1.0m: dark grey mottled red							S			8,10,12 N = 22
		From 1.7m: grey mottled red-orange							D			
16	2								S			6,12,14 N = 26
	2.8	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, with some medium to coarse-grained ironstone gravel, damp						Unless otherwise noted, rock is fractured along rough, planar bedding dipping at 0° - 10°				
15	3											pp = 600
14	4											
	4.2	SHALE - very low strength, highly weathered, slightly fractured, dark grey mottled orange shale						4.51m: J50°, un, he				
		4.6m: shaly clay seam						4.86m: B, pl, cly inf	C	100	33	
13	5							5.28m: B, pl, ro, cln, fe, stn				PL(A) = 0.3
								5.75m: B, pl, cly inf				
12	6											
		6.3m: gravelly shaly clay seam										
11	7							6.84m: J45°, un, sm, cln	C	100	28	
	7.55	SHALE - medium strength, slightly weathered, slightly fractured, grey shale						7.47m: J45°, pl, ro, cln, fe, stn				PL(A) = 0.3
	7.8							7.52m: B, pl, sm, cly vn				
	8							7.81m: B, pl, ro, cly vn				PL(A) = 1.6
10	8.0	SANDSTONE - high strength, slightly weathered, fractured, orange-brown and grey, fine to medium grained sandstone						7.89m: B, pl, ro, cln				
		Bore discontinued at 8.0m Termination depth reached										
9	9											

RIG: Scout 1 **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 2.7m

TYPE OF BORING: Auger to 2.5m; rotary to 3.5m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.00 AHD
EASTING: 313426.42
NORTHING: 6257820.71
DIP/AZIMUTH: 90°/--

BORE No: 10
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Degree of Weathering (EW HW MW SW FS FR)	Graphic Log	Rock Strength (Ex Low, Very Low, Low, Medium, High, Very High, Ex High)	Water	Fracture Spacing (m) (0.01, 0.05, 0.10, 0.50, 1.00)	Discontinuities (B - Bedding J - Joint S - Shear F - Fault)	Sampling & In Situ Testing: Type	Core Rec. %	RQD %	Test Results & Comments
17	0.03	ASPHALTIC CONCRETE							D			PID<1
	0.3	ROADBASE - dark grey-green, silty sandy gravel roadbase, humid										
		SILTY CLAY - stiff then hard, brown, silty clay, trace of fine to medium grained sand, damp							D			PID<1
16	1								S			4,14,20 N = 34
		1.2m: red mottled dark grey										
15	2	2.0m: red mottled light grey and orange, with some medium to coarse grained ironstone gravel							S			7,10,17 N = 27
14	3											
	3.8	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, damp				06-09-13		Unless otherwise specified rock is fractured along rough planar bedding dipping at 0°-10°	C	100	27	PL(A) = 0.1
13	4											
12	5							5.2m: B, plp, ro, cln, fe stn				PL(A) = 0.8
	5.15	SHALE - medium then high strength, highly weathered, slightly fractured, dark grey mottled orange, shale										
11	6							5.82m: B, pl, ro, cln, fe, stn 5.94 to 5.95m: B0°, pl, cly inf 6.06m: B, pl, ro, cln, fe stn 6.22m: B, pl, ro, cln, fe stn 6.66m: B, pl, cly inf 6.96m: B, pl, sm, cly vn	C	100	100	PL(A) = 1.4 PL(A) = 1
		Below 6.3m: slightly weathered, dark grey										
10	7											
								7.69m: B, pl, sm, cly vn				PL(A) = 1.6
9	8											
	8.0	Bore discontinued at 8.0m Termination depth reached										
8	9											

RIG: Bobcat **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 1.5m

TYPE OF BORING: Auger to 1.5m; rotary to 4.0m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.00 AHD
EASTING: 313426.42
NORTHING: 6257820.71
DIP/AZIMUTH: 90°/--

BORE No: 10
PROJECT No: 73603.00
DATE: 28/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
17	0.03	ASPHALTIC CONCRETE		D	0.1		PID<1		Cap
	0.3	ROADBASE - dark grey-green, silty sandy gravel roadbase, humid							Filling
		SILTY CLAY - stiff then hard, brown, silty clay, trace of fine to medium grained sand, damp							Bentonite
16	1			D	1.0		PID<1		
		1.2m: red mottled dark grey		S	1.45		4,14,20 N = 34		
15	2	2.0m: red mottled light grey and orange, with some medium to coarse grained ironstone gravel		S	2.5		7,10,17 N = 27		
14	3				2.95				Gravel pack
	3.8	SHALY CLAY - extremely low strength, extremely weathered, light grey mottled orange, shaly clay, damp			4.0			06-09-13	
13	4			C	4.6		PL(A) = 0.1		
12	5				5.17		PL(A) = 0.8		Machine slotted PVC Screen
	5.15	SHALE - medium then high strength, highly weathered, slightly fractured, dark grey mottled orange, shale			5.5				
11	6	Below 6.3m: slightly weathered, dark grey			6.4		PL(A) = 1.4		
10	7			C	6.85		PL(A) = 1		
					7.8		PL(A) = 1.6		
9	8				8.0				End Cap
	8.0	Bore discontinued at 8.0m Termination depth reached							
8	9								

RIG: Bobcat **DRILLER:** LC **LOGGED:** JE **CASING:** HW to 1.5m

TYPE OF BORING: Auger to 1.5m; rotary to 4.0m; NMLC coring to 8.0m

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.96 AHD
EASTING: 313595.01
NORTHING: 6257889.34
DIP/AZIMUTH: 90°/--

BORE No: 11
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
	0.2	FILLING - brown silty clay filling with some sand and trace gravel, brick, tile, fibre-cement, pieces of metal and rootlets		A	0.0 0.1		PID<1 *A2-fibre-cement sample from 0.1m		
		FILLING - brown silty clay filling with some sand and trace gravel		A	0.4 0.5		PID<1		
	0.8	FILLING - green-grey clay filling with trace silt		A	0.9 1.0		PID<1		
	1.1	FILLING - red-brown silty clay filling with trace fibre-cement		A	1.4 1.5		PID<1		
	1.6	CLAY - very stiff, brown mottled grey clay		A	1.9 2.0		PID<1		
	2.3	SHALE - extremely low strength, grey shale		A	2.5 2.6		PID<1		
	2.6	Bore discontinued at 2.6m - auger refusal on shale							

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased

TYPE OF BORING: 100mm diameter solid flight auger

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: *BD6/270813 is blind replicate of 0.0-0.1m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.89 AHD
EASTING: 313576.69
NORTHING: 6257858.19
DIP/AZIMUTH: 90°/--

BORE No: 12
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
18	0.1	FILLING - brown silty clay filling with trace sand, gravel and rootlets		*A	0.0 0.1		PID<1		
		FILLING - brown silty clay filling		A	0.4 0.5		PID<1		
	0.7	FILLING - orange-brown silty clay filling (possibly natural)		A	0.9 1.0		PID<1		
17	1.2	CLAY - very stiff brown clay with trace silt		A	1.4 1.5		PID<1		
	1.7	SHALE - extremely low strength, light grey shale		A	1.9 2.0		PID<1		
	2.0	Bore discontinued at 2.0m - target depth reached							

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased

TYPE OF BORING: 100mm diameter solid flight auger

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: *BD5/270813 is blind replicate of 0.0-0.1m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U$_x$	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.60 AHD
EASTING: 313551.51
NORTHING: 6257811.93
DIP/AZIMUTH: 90°/--

BORE No: 13
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
19	0.04	ASPHALT		A	0.05		PID<1		
	0.35	FILLING - grey sandy gravel filling (roadbase)			0.1				
		FILLING - light grey clay filling with some silt		A	0.4		PID<1		
	0.7	FILLING - orange-brown silty clay filling (possibly natural)			0.5				
	1			A	0.9		PID<1		1
	1.1	SILTY CLAY - very stiff, red-brown silty clay			1.0				
18				A	1.4		PID<1		
	1.6	SHALE - extremely low strength, grey shale			1.5				
	1.9			A	1.8		PID<1		
	2	Bore discontinued at 1.9m - auger refusal on shale			1.9				2
17	3								3
16	4								4
15	5								5
14	6								6
13	7								7
12	8								8
11	9								9
10									

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased

TYPE OF BORING: 100mm diameter solid flight auger

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: *BD4/270813 is blind replicate of 0.4-0.5m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.29 AHD
EASTING: 313507.34
NORTHING: 6257787.74
DIP/AZIMUTH: 90°/--

BORE No: 14
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
19	0.04	ASPHALT		A	0.05		PID<1		
	0.3	FILLING - grey sandy gravel filling (roadbase)			0.1				
		FILLING - red-brown silty clay filling (reworked natural) (possibly natural from 0.7m)		*A	0.4 0.5		PID<1		
18	1			A	0.9 1.0		PID<1		1
	1.5	SHALE - extremely low strength, red-brown mottled grey shale		A	1.4 1.5		PID<1		
17	2			A	1.9 2.0		PID<1		2
	3			A	2.9 3.0		PID<1		3
16	3.0	Bore discontinued at 3.0m - target depth reached							
15	4								4
14	5								5
13	6								6
12	7								7
11	8								8
10	9								9

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased

TYPE OF BORING: 100mm diameter solid flight auger

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: *BD1/270813 is blind replicate of 0.4-0.5m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.42 AHD
EASTING: 313477.49
NORTHING: 6257833.39
DIP/AZIMUTH: 90°/--

BORE No: 15
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
17.38	0.04	ASPHALT		A	0.05 - 0.1		PID<1		
17.12	0.3	FILLING - brown sandy gravel filling (roadbase)		*A	0.4 - 0.5		PID<1		
		FILLING - brown silty clay filling (possibly natural)							
16.62	0.8	SILTY CLAY - stiff, brown silty clay		A	0.9 - 1.0		PID<1		
16.12	1.3	SILTY CLAY - very stiff, red-brown silty clay		A	1.4 - 1.5		PID<1		
15.82	1.6	SHALE - extremely low strength, red-brown mottled grey shale		A	1.9 - 2.0		PID<1		
				A	2.9 - 3.0		PID<1		
14.42	3.0	Bore discontinued at 3.0m - target depth reached							

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased
TYPE OF BORING: 100mm diameter solid flight auger
WATER OBSERVATIONS: No free groundwater observed whilst drilling
REMARKS: *BD2/270813 is blind replicate of 0.4-0.5m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

BOREHOLE LOG

CLIENT: Health Infrastructure
PROJECT: Proposed Carpark, Detailed Site Investigation
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 17.14 AHD
EASTING: 313468.78
NORTHING: 6257833.39
DIP/AZIMUTH: 90°/--

BORE No: 16
PROJECT No: 73603.01
DATE: 27/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Well Construction Details
17	0.03	ASPHALT		A	0.05 0.1		PID<1		
	0.35	FILLING - grey sandy gravel filling (roadbase)		*A	0.4 0.5		PID<1		
	0.7	FILLING - orange and brown silty clay filling (possibly natural)							
16	1	SILTY CLAY - very stiff red-brown silty clay		A	0.9 1.0		PID<1		1
				A	1.4 1.5		PID<1		
15	2			A	1.9 2.0		PID<1		2
	2.1	SHALE - extremely low strength, grey shale							
14	3			A	2.9 3.0		PID<1		3
	3.0	Bore discontinued at 3.0m - target depth reached							
13	4								4
12	5								5
11	6								6
10	7								7
9	8								8
8	9								9

RIG: Bobcat **DRILLER:** SY **LOGGED:** DW **CASING:** Uncased

TYPE OF BORING: 100mm diameter solid flight auger

WATER OBSERVATIONS: No free groundwater observed whilst drilling

REMARKS: *BD3/270813 is blind replicate of 0.4-0.5m

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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TEST PIT LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.40 AHD
EASTING: 313621.46
NORTHING: 6257893.51

PIT No: 101
PROJECT No: 73603.00
DATE: 31/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Dynamic Penetrometer Test (blows per 150mm)
18	0.05	FILLING - brown, sandy silt topsoil filling, moist		D, E	0.1		PID<1		
		FILLING - apparently well compacted, brown, medium plasticity, gravelly clay filling, fine to coarse gravel of masonry and fibro cement pipe fragments, with some cobbles of masonry and fibro cement pipe fragments, dry to moist		D, E	0.5		PID<1		>>
	0.9								
	1	FILLING - apparently well compacted, red-brown, silty clay filling, with some cobbles of fibro cement pipe and concrete fragments, trace of boulder-sized concrete fragments up to 100mm, moist		D, E	1.0		PID<1		1
17	1.3	FILLING - apparently well compacted, grey mottled red-brown and yellow-brown, silty clay filling, trace of rootlets and clay pipe fragments, moist		D, E	1.5		PID<1		
	1.7	FILLING - light grey, fibro cement sheets		E	1.7				
	1.8	TOPSOIL - hard, dark brown, non-plastic, sandy silt topsoil, fine sand, moist							
	2 2.0	SILTY CLAY - hard, brown, high plasticity, silty clay, moist (Residual Soil)		D, E	2.0		PID<1		2
16				B					
				D	2.5		PID<1		
	2.7	SILTY CLAY - hard, grey mottled red-brown, high plasticity, silty clay, moist (Residual Soil)							
	3 3.0	Pit discontinued at 3.0m Termination depth reached		D	3.0				3
15									
	4								4
14									

RIG: Kubota 4 tonne excavator; 300mm wide bucket

LOGGED: AK

SURVEY DATUM: MGA94

WATER OBSERVATIONS: Free groundwater not observed

REMARKS:

☐ Sand Penetrometer AS1289.6.3.3
☒ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

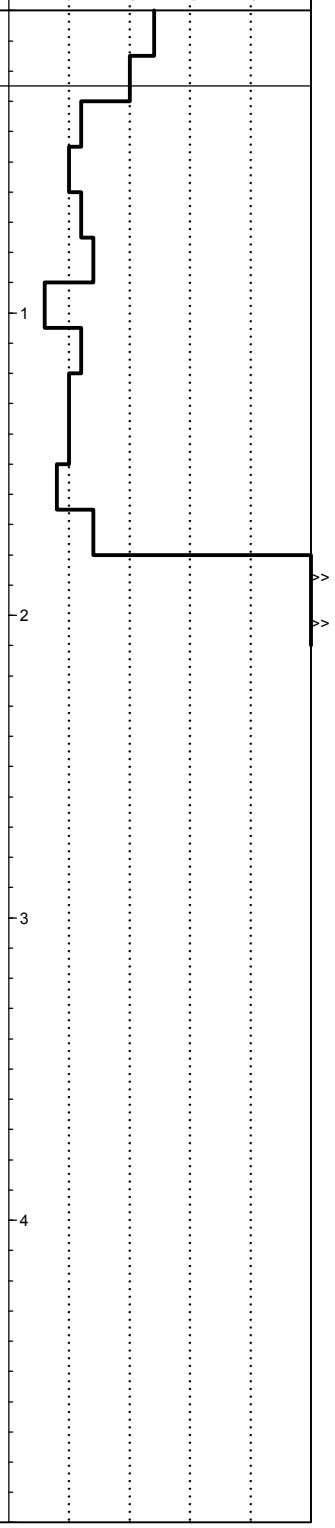
TEST PIT LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.91 AHD
EASTING: 313558.97
NORTHING: 6257874.74

PIT No: 102
PROJECT No: 73603.00
DATE: 31/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Dynamic Penetrometer Test (blows per 150mm)
18	0.25	FILLING - apparently well compacted, grey-brown, medium plasticity, gravelly clay filling, fine to coarse gravel of ripped shale and fibro cement fragments, with some cobbles of brick fragments and rootlets, moist		D, E	0.1		PID<1		
		Pit discontinued at 0.25m Terminated as buried services warning tape was encountered							



RIG: Kubota 4 tonne excavator; 300mm wide bucket

LOGGED: AK

SURVEY DATUM: MGA94

WATER OBSERVATIONS: Free groundwater not observed

REMARKS:

☐ Sand Penetrometer AS1289.6.3.3
☒ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

TEST PIT LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 18.70 AHD
EASTING: 313531.09
NORTHING: 6257867.3

PIT No: 103
PROJECT No: 73603.00
DATE: 31/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Dynamic Penetrometer Test (blows per 150mm)
18	0.0	FILLING - variably compacted, brown, low plasticity, gravelly sandy clay filling, fine sand, fine to coarse gravel of masonry and fibro cement fragments, trace of cobble-sized fragments of concrete and rootlets, dry to moist		D, E	0.1		PID<1		
				D, E	0.5		PID<1		
	0.9								
17	1	SILTY CLAY - hard, red-brown, high plasticity, silty clay, trace of roots and rootlets, moist (Residual Soil)		D, E	1.0		PID<1		1
				B	1.1				
				D	1.5				
	2								2
16	2.1	SILTY CLAY - hard, grey mottled red-brown, high plasticity, silty clay, with frequent ironstone bands recovered as medium to coarse gravel and cobbles, moist (Residual Soil)							
	2.8	Pit discontinued at 2.8m Terminated due to unproductive digging rate		D	2.8				
	3								3
15									
	4								4
14									

RIG: Kubota 4 tonne excavator; 300mm wide bucket

LOGGED: AK

SURVEY DATUM: MGA94

WATER OBSERVATIONS: Free groundwater not observed

REMARKS:

☐ Sand Penetrometer AS1289.6.3.3
☒ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

Douglas Partners
Geotechnics / Environment / Groundwater

TEST PIT LOG

CLIENT: Health Infrastructure
PROJECT: Westmead Car Park
LOCATION: Institute Road, Westmead

SURFACE LEVEL: 19.0 AHD
EASTING: 313496
NORTHING: 6257856

PIT No: 104
PROJECT No: 73603.00
DATE: 31/8/2013
SHEET 1 OF 1

RL	Depth (m)	Description of Strata	Graphic Log	Sampling & In Situ Testing: Type	Depth	Sample	Results & Comments	Water	Dynamic Penetrometer Test (blows per 150mm)
19	0	FILLING - relatively well compacted, brown, medium plasticity, gravelly clay filling, fine to coarse gravel of fibro cement and masonry fragments, with some cobble-sized masonry and concrete fragments, trace of roots and rootlets, dry		D, E	0.1		PID<1		
				D, E	0.5		PID<1		
18	1			D, E	1.0		PID<1		1
	1.4	SILTY CLAY - hard, brown, medium to high plasticity, silty clay, trace of rootlets (possible filling)		D, E	1.5		PID<1		
	1.9	SILTY CLAY - hard, brown mottled red, yellow and grey, high plasticity, silty clay, trace of rootlets, moist (RESIDUAL SOIL)		E	2.0		PID<1		
17	2								2
	2.5	SILTY CLAY - hard, grey mottled red-brown, medium to high plasticity, silty clay, trace of fine to medium, ironstone gravel, moist (RESIDUAL SOIL)							
	2.7	Pit discontinued at 2.7m Terminated due to unproductive digging rate							
16	3								3
15	4								4

RIG: Kubota 4 tonne excavator; 300mm wide bucket

LOGGED: AK

SURVEY DATUM: MGA94

WATER OBSERVATIONS: Free groundwater not observed

REMARKS: Level interpolated from survey drawing

☐ Sand Penetrometer AS1289.6.3.3
☒ Cone Penetrometer AS1289.6.3.2

SAMPLING & IN SITU TESTING LEGEND

A	Auger sample	G	Gas sample	PID	Photo ionisation detector (ppm)
B	Bulk sample	P	Piston sample	PL(A)	Point load axial test Is(50) (MPa)
BLK	Block sample	U_x	Tube sample (x mm dia.)	PL(D)	Point load diametral test Is(50) (MPa)
C	Core drilling	W	Water sample	pp	Pocket penetrometer (kPa)
D	Disturbed sample	▷	Water seep	S	Standard penetration test
E	Environmental sample	▼	Water level	V	Shear vane (kPa)

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