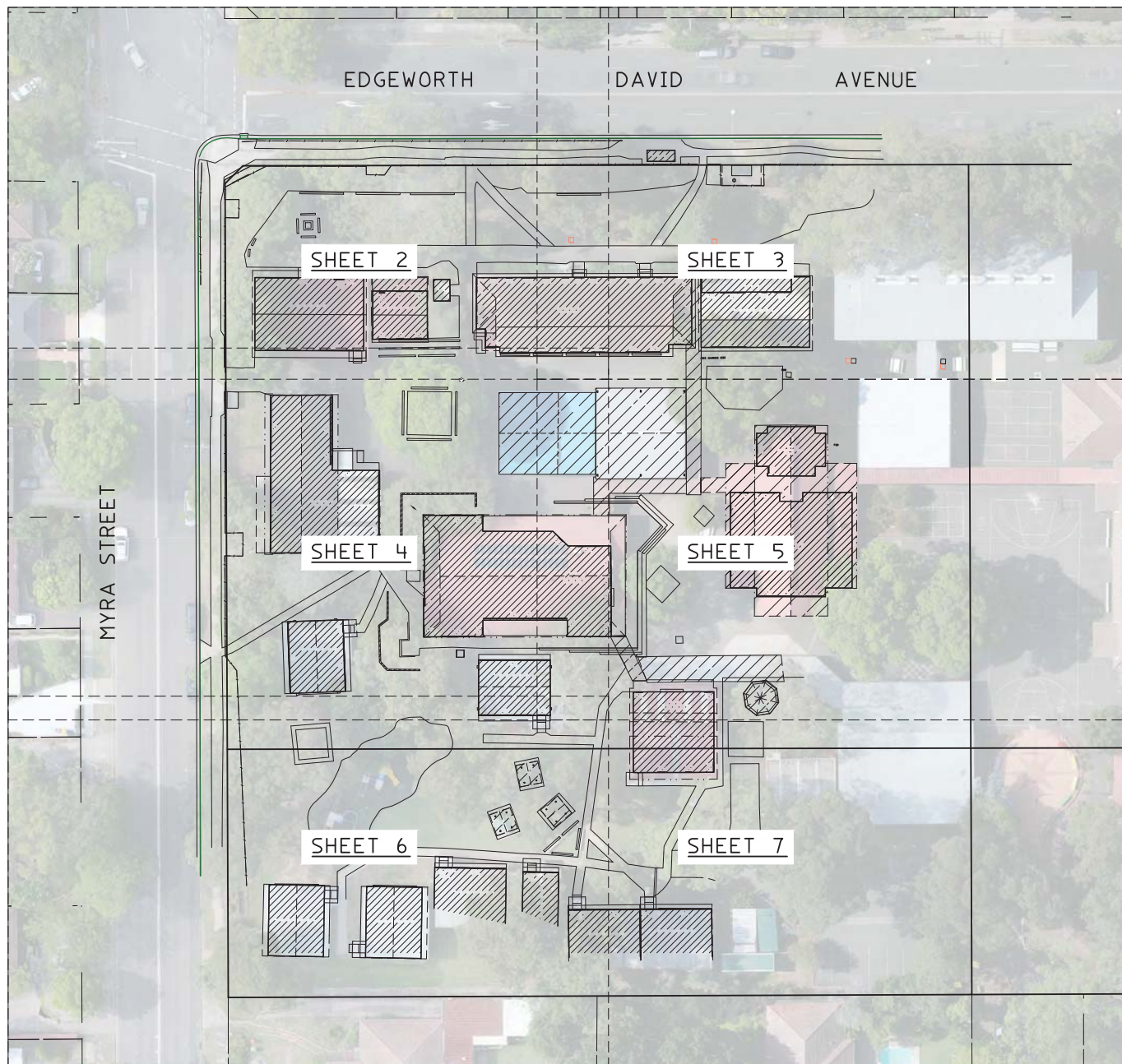
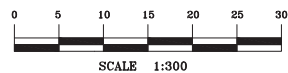


Appendix C - Detailed In-Ground Services Survey

**HORIZONTAL DATUM:**

CO-ORDINATE SYSTEM: MGA
MARKS ADOPTED: SSM41896, SSM83818

LGA: HORNSBY

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT
DATUM (AND)
B.M. ADOPTED: SSM41898
R.L. 185.074 (ORDER L2)
SOURCE: S.C.I.M.S. (10/04/17)

CLIENT:

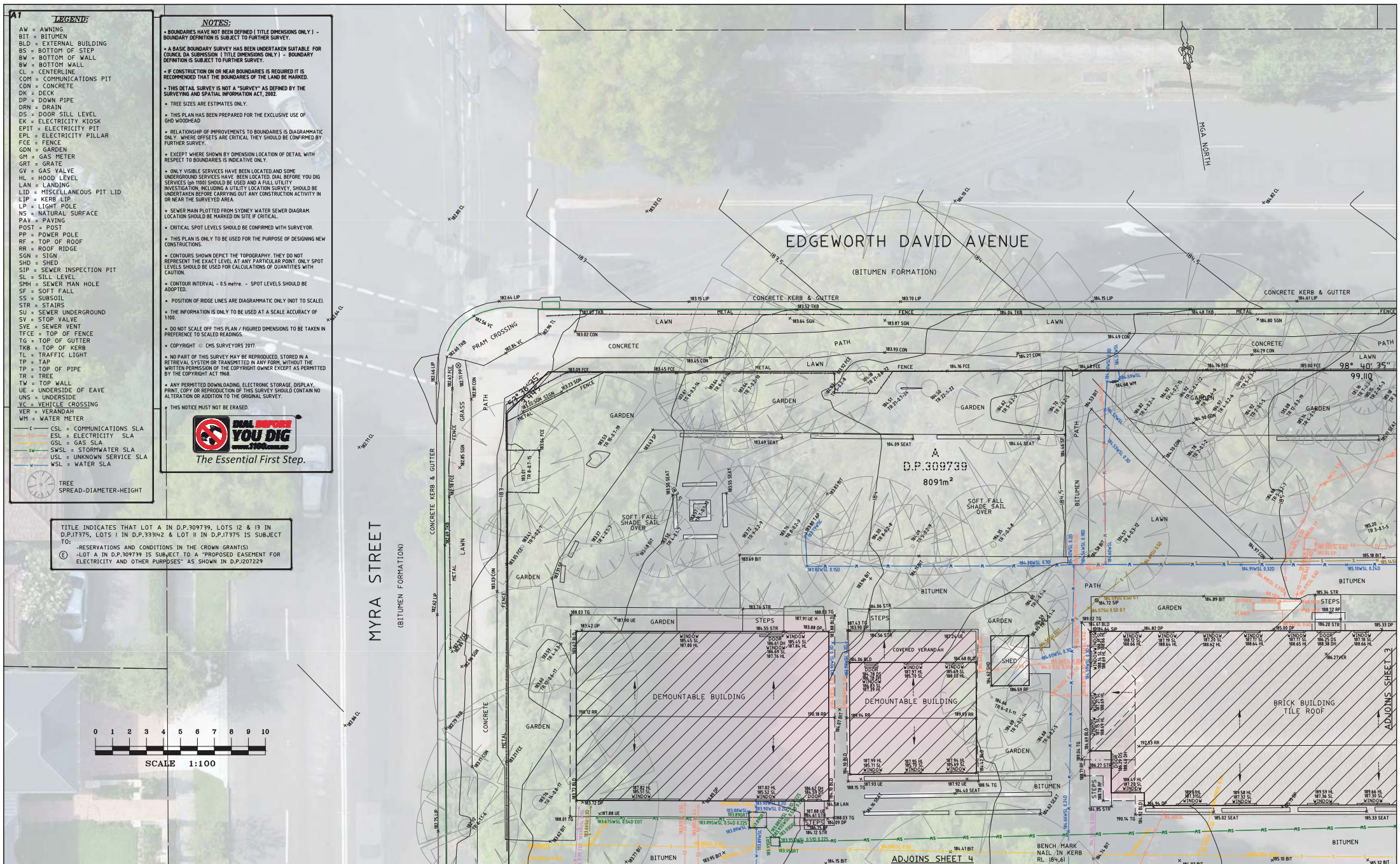
GHD WOODHEAD
LEVEL 15, 133 CASTLEREAGH STREET
SYDNEY NSW 2000

SURVEY PLAN SHOWING DETAIL & LEVELS OVER
LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375,
LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375
No. 48-58 MYRA STREET
WAHROONGA NSW 2076



C.M.S. Surveyors
Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
Telephone: (02) 9971 4802 Facsimile: (02) 9971 4822
E-mail: info@cmssurveyors.com.au

SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL
SURVEY INSTRUCTION 15978	SCALE 1:300	DATE OF SURVEY 30/05/17	
DRAWING NAME 15978detail		SHEET 1 of 7	ISSUE 1
CAD FILE 15978detail.Ldwg			

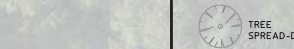


		HORIZONTAL DATUM:		VERTICAL DATUM:		CLIENT:		SURVEY PLAN SHOWING DETAIL & LEVELS OVER		 C.M.S. Surveyors Pty Limited ACN: 096 240 201 PO Box 463 Dee Why NSW 2099 2/99A South Creek Road, Dee Why NSW 2099 Telephone: (02) 9971 4802 Facsimile: (02) 9971 4822 E-mail: info@cmsurveyors.com.au																	
		CO-ORDINATE SYSTEM: MGA		DATUM: AUSTRALIAN HEIGHT DATUM (AHD)		GHD WOODHEAD		LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375,																			
		MARKS ADOPTED: SSM418098, SSM981818		B.M. ADOPTED: SSM418098		LEVEL 15, 133 CASTLEREAGH STREET		LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375																			
				R.L. 185.074 (ORDER L2)		No. 48-58 MYRA STREET		WAHROONGA NSW 2076																			
I FIRST ISSUE		15/07/16	LGA: HORNSBY	SOURCE: S.C.I.M.S. (10/04/17)		SYDNEY NSW 2000																					
										<table><tr><td>SURVEYED TC/BB</td><td>DRAWN ABS/TC</td><td>CHECKED TC/BB</td><td>APPROVED MDL</td></tr><tr><td colspan="2">SURVEY INSTRUCTION 15978</td><td>SCALE 1:100</td><td>AI</td></tr><tr><td colspan="2">DRAWING NAME 15978detail</td><td colspan="2">SHEET 2 of 7</td></tr><tr><td colspan="2">CAD FILE 15978detail Ldwg</td><td colspan="2">ISSUE 1</td></tr></table>		SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL	SURVEY INSTRUCTION 15978		SCALE 1:100	AI	DRAWING NAME 15978detail		SHEET 2 of 7		CAD FILE 15978detail Ldwg		ISSUE 1	
SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL																								
SURVEY INSTRUCTION 15978		SCALE 1:100	AI																								
DRAWING NAME 15978detail		SHEET 2 of 7																									
CAD FILE 15978detail Ldwg		ISSUE 1																									

[illegible]

AW = AWNING
 BT = BITUMEN
 BLD = INTERNAL BUILDING
 BS = BOTTOM OF STEP
 BW = BOTTOM OF WALL
 BW = BOTTOM WALL
 CL = CENTERLINE
 COM = COMMUNICATIONS PIT
 CON = CONCRETE
 DK = DECK
 DP = DOWN PIPE
 DRN = DRAIN
 DS = DOOR SILL LEVEL
 EK = ELECTRICITY KIOSK
 EPLT = ELECTRICITY PIT
 EPL = ELECTRICITY PILLAR
 FCE = FENCE
 GDN = GARDEN
 GM = GAS METER
 GR1 = GRATE
 GV = GAS VALVE
 HL = HOOD LEVEL
 LAN = LANDING
 LID = MISCELLANEOUS PIT LID
 LP = KERB LIP
 LP = LIGHT POLE
 NS = NATURAL SURFACE
 PAV = PAVING
 POST = POST
 PP = POWER POLE
 RF = TOP OF ROOF
 RR = ROOF RIDGE
 SIG = SIGN
 SHD = SHED
 SIP = SEWER INSPECTION PIT
 SL = SILL LEVEL
 SMH = SEWER MAN HOLE
 SF = SOFT FALL
 SS = SUBSOIL
 STR = STAIRS
 SU = SEWER UNDERGROUND
 SV = STOP VALVE
 SW = SEWER VENT
 TFCF = TOP OF FENCE
 TG = TOP OF GUTTER
 TKB = TOP OF KERB
 TL = TRAFFIC LIGHT
 TP = TAP
 TP = TOP OF PIPE
 TR = TREE
 TW = TOP WALL
 UE = UNDERSIDE OF EAVE
 UND = UNDERSIDE
 VC = VEHICLE CROSSING
 VER = VERANDAH
 WM = WATER METER
 WM = COMMUNICATIONS SLA
 ES = ELECTRICITY SLA
 GS = GAS SLA
 SWSL = STORMWATER SLA
 WSL = WASTEWATER SERVICE SLA
 WSL = WATER SLA

TITLE INDICATES THAT LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.33342 & LOT 11 IN D.P.17375 IS SUBJECT TO:
-RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
(E) -LOT A IN D.P.309739 IS SUBJECT TO A "PROPOSED EASEMENT FOR ELECTRICITY AND OTHER PURPOSES" AS SHOWN IN D.P.1207229



12
D.P.17375
2818m²

**SURVEY PLAN SHOWING DETAIL & LEVELS OVER
LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375,
LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375
No. 48-58 MYRA STREET
WAHROONGA NSW 2076**

C.M.S. Surveyors
Pty Limited

SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL
SURVEY INSTRUCTION I5978		SCALE 1:100 @ A1	DATE OF SURVEY 30/05/17
DRAWING NAME I5978detail			SHEET 3 OF 7 ISSUED 1
CAD FILE I5978detail.dwg			

LEGEND:

AW = AWNING
 BID = BITUMEN
 BLD = EXTERNAL BUILDING
 BS = BOTTOM OF STEP
 BW = BOTTOM OF WALL
 CL = CENTERLINE
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 EPIT = ELECTRICITY PIT
 EPL = ELECTRICITY PILLAR
 F = FENCE
 GDN = GARDEN
 GM = GAS METER
 GRT = GRATE
 GV = GAS VALVE
 HL = HOOD LEVEL
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 LIP = KERB LIP
 LP = LIGHT POLE
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 SGN = SIGN
 SHD = SHED
 SIP = SEWER INSPECTION PIT
 SL = SILL LEVEL
 SHI = SEWER MAN HOLE
 SF = SOFT FALL
 SS = SUBSOIL
 STR = STAIRS
 SU = SEWER UNDERGROUND
 SV = STOP VALVE
 SVE = SEWER VENT
 TTCE = TOP OF FENCE
 TG = TOP OF GUTTER
 TKB = TOP OF KERB
 TL = TRAFFIC LIGHT
 TP = TAP
 TP = TOP OF PIPE
 TR = TREE
 TV = TOP WALL
 UE = UNDERSIDE OF EAVE
 UNS = UNDERSIDE
 VC = VEHICLE CROSSING
 VER = VERANDAH
 WM = WATER METER

CSL = COMMUNICATIONS SLA
 ESL = ELECTRICITY SLA
 GSL = GAS SLA
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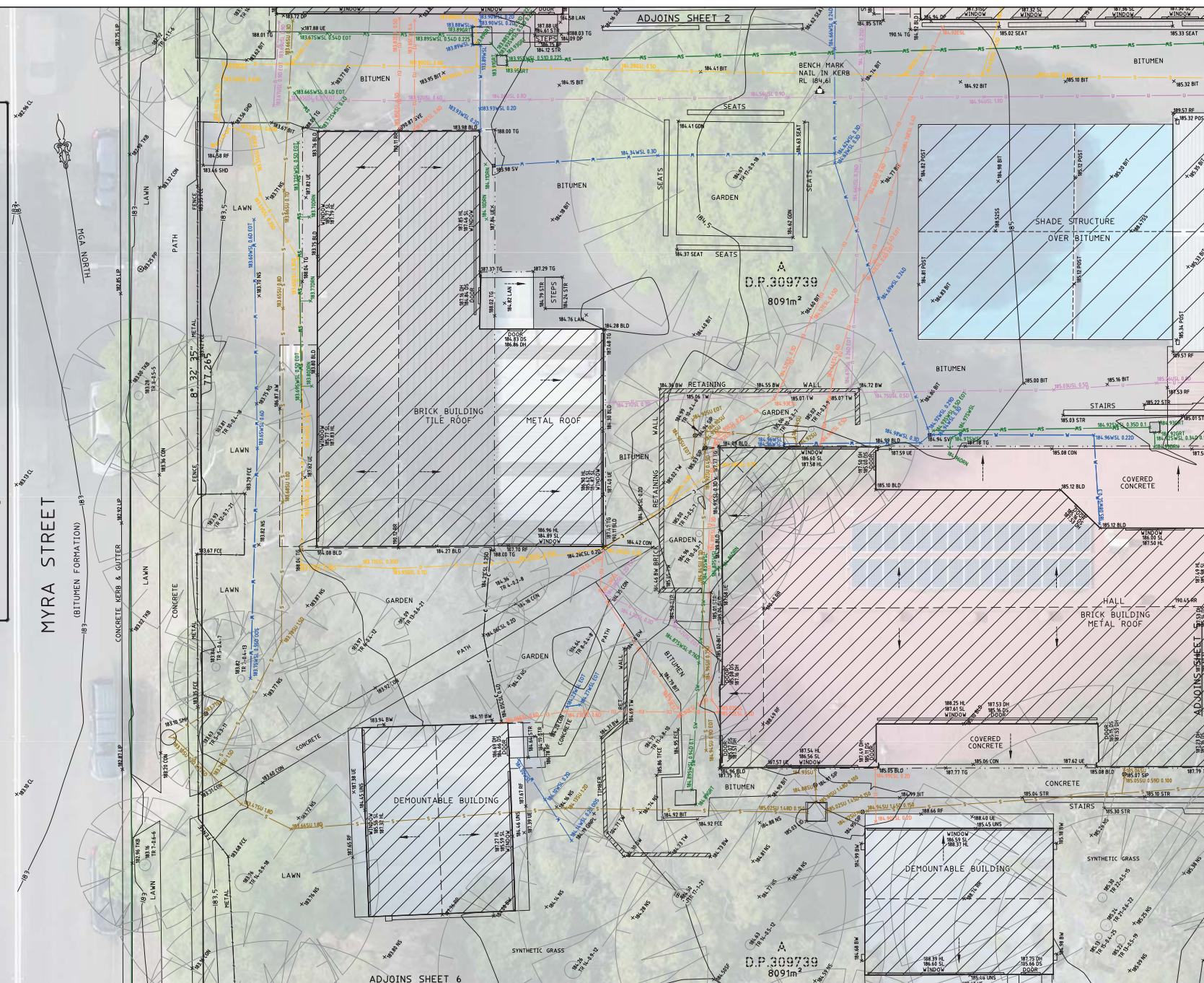
TREE
 SPREAD-DIAMETER-HEIGHT

- NOTES:**
- BOUNDARIES HAVE NOT BEEN DEFINED (TITLE DIMENSIONS ONLY) - BOUNDARY DEFINITION IS SUBJECT TO FURTHER SURVEY.
 - A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR COUNCIL DA SUBMISSION (TITLE DIMENSIONS ONLY) - BOUNDARY DEFINITION IS SUBJECT TO FURTHER SURVEY.
 - IF CONSTRUCTION ON OR NEAR BOUNDARIES IS REQUIRED IT IS RECOMMENDED THAT THE BOUNDARIES OF THE LAND BE MARKED.
 - THIS DETAIL SURVEY IS NOT A "SURVEY" AS DEFINED BY THE SURVEYING AND SPATIAL INFORMATION ACT, 2002.
 - TREE SIZES ARE ESTIMATES ONLY.
 - THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF GHD WOODHEAD.
 - RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY, WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
 - EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
 - ONLY VISIBLE SERVICES HAVE BEEN LOCATED AND SOME UNDERGROUND SERVICES HAVE BEEN LOCATED. DIAL BEFORE YOU DIG SERVICES (9100) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.
 - SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
 - CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
 - THIS PLAN IS ONLY TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.
 - CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
 - CONTOUR INTERVAL - 0.5 metre - SPOT LEVELS SHOULD BE ADOPTED.
 - POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
 - THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:100.
 - DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
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 - NO PART OF THIS SURVEY MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF THE COPYRIGHT OWNER EXCEPT AS PERMITTED BY THE COPYRIGHT ACT 1968.
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 - THIS NOTICE MUST NOT BE ERASED.



TITLE INDICATES THAT LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.J7375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.J7375 IS SUBJECT TO:

- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- LOT A IN D.P.309739 IS SUBJECT TO A "PROPOSED EASEMENT FOR ELECTRICITY AND OTHER PURPOSES" AS SHOWN IN D.P.I207229



HORIZONTAL DATUM:

CO-ORDINATE SYSTEM: MGA
 MARKS ADOPTED: SSM41896, SSM89818

LGA: HORNSBY

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
 B.M. ADOPTED: SSM41898
 R.L.: 185.074 (ORDER L2)
 SOURCE: S.C.I.M.S. (10/04/17)

CLIENT:

GHD WOODHEAD
 LEVEL 15, 133 CASTLEREAGH STREET
 SYDNEY NSW 2000

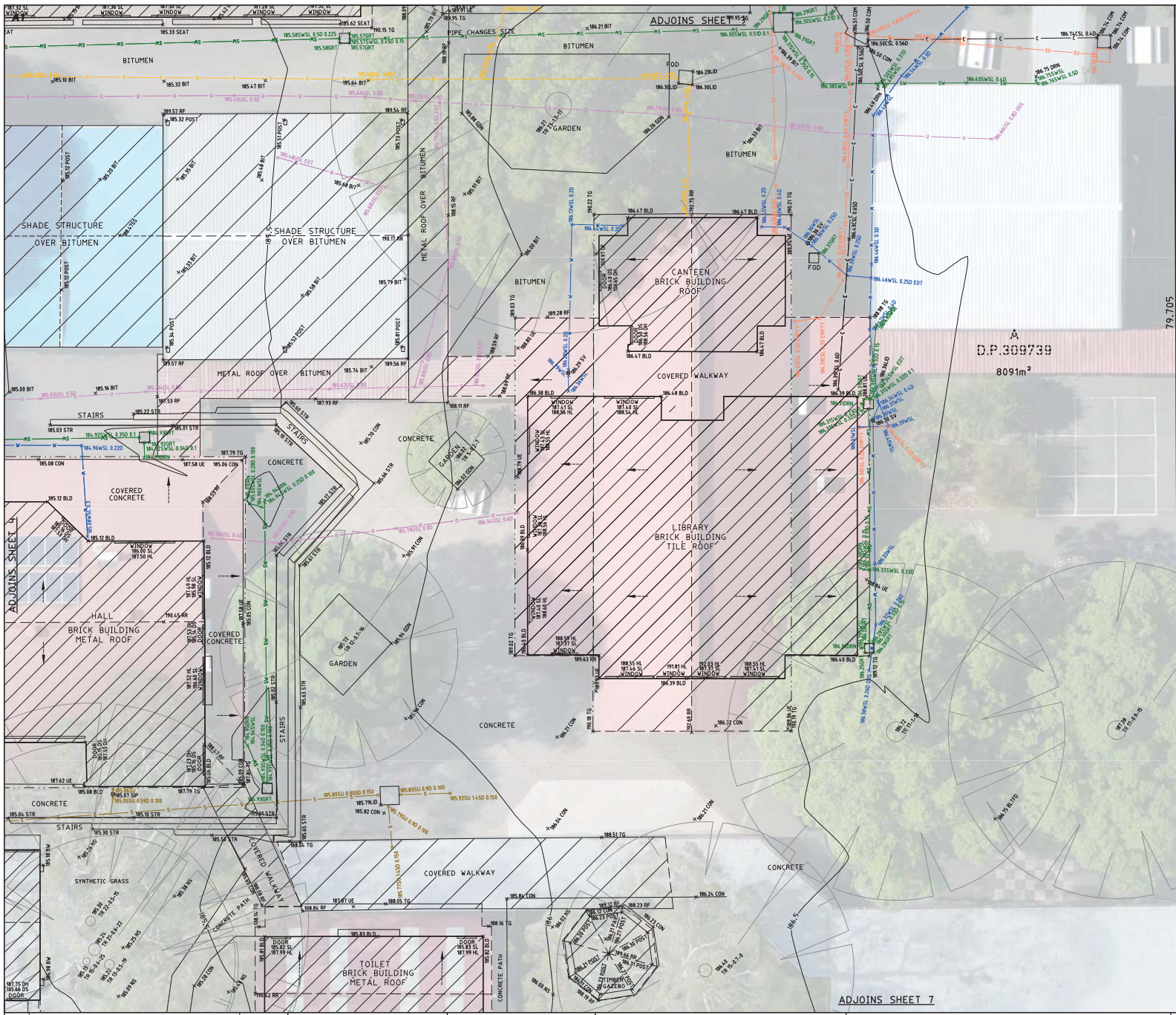
SURVEY PLAN SHOWING DETAIL & LEVELS OVER LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.J7375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.J7375
 No. 48-58 MYRA STREET
 WAHROONGA NSW 2076



C.M.S. Surveyors Pty Limited

ACN: 096 240 201
 PO Box 463 Dee Why NSW 2099
 Telephone: (02) 9971 4802 Facsimile: (02) 9971 4822
 E-mail: info@cmsurveyors.com.au

SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL
SURVEY INSTRUCTION 15978	SCALE 1:100 AI	DATE OF SURVEY 30/05/17	
DRAWING NAME	CAD FILE	SHEET	ISSUE
15978detail	15978detail Ldwg	4 of 7	1



12
D.P.17375
2818m²

79.705
188° 32' 35"

LEGEND:

AW = AWNING
BLD = BITUMEN
BLD = EXTERNAL BUILDING
BS = BOTTOM OF STEP
BW = BOTTOM OF WALL
CL = CENTERLINE
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SWSL = STORMWATER SLA
USL = UNKNOWN SERVICE SLA
WSL = WATER SLA

TREE
SPREAD-DIAMETER-HEIGHT

NOTES:

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- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF GHD WOODHEAD.
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
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DEAL DIRECT
YOU DIG
The Essential First Step.

TITLE INDICATES THAT LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375 IS SUBJECT TO A "PROPOSED EASEMENT FOR ELECTRICITY AND OTHER PURPOSES" AS SHOWN IN D.P.1207229

0 1 2 3 4 5 6 7 8 9 10
SCALE 1:100

HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA MARKS ADOPTED: SSM41896, SSM4898 LGA: HORNSBY		VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: SSM41898 R.L. 185.074 (ORDER L2) SOURCE: S.C.I.M.S. (10/04/17)		CLIENT: GHD WOODHEAD LEVEL 15, 133 CASTLEREAGH STREET SYDNEY NSW 2000		SURVEY PLAN SHOWING DETAIL & LEVELS OVER LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375 No. 48-58 MYRA STREET WAHROONGA NSW 2076	
I FIRST ISSUE		15/07/16					

C.M.S. Surveyors Pty Limited

ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
Telephone: (02) 9271 4802 Facsimile: (02) 9271 4822
E-mail: info@cmsurveyors.com.au

SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL
SURVEY INSTRUCTION 15978	SCALE 1:100	DATE OF SURVEY 30/05/17	
DRAWING NAME 15978detail		SHEET ISSUE 5 of 7	
CAD FILE 15978detail Ldwg			

		HORIZONTAL DATUM:		VERTICAL DATUM:		CLIENT:		 C.M.S. Surveyors Pty Limited		<table><tr><td>SURVEYED TC/BB</td><td>DRAWN ABS/TC</td><td>CHECKED TC/BB</td><td>APPROVED MDL</td></tr><tr><td colspan="2">SURVEY INSTRUCTION 15978</td><td>SCALE 1:100 @ A1</td><td>DATE OF SURVEY 30/05/17</td></tr></table>		SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL	SURVEY INSTRUCTION 15978		SCALE 1:100 @ A1	DATE OF SURVEY 30/05/17
SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL																
SURVEY INSTRUCTION 15978		SCALE 1:100 @ A1	DATE OF SURVEY 30/05/17																
		CO-ORDINATE SYSTEM: MGA		DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: SSM41898 R.L. 185.074 (ORDER L2)		GHD WOODHEAD LEVEL 15, 133 CASTLEREAGH STREET SYDNEY NSW 2000		SURVEY PLAN SHOWING DETAIL & LEVELS OVER LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375 No. 48-58 MYRA STREET WAHROONGA NSW 2076		ACN: 096 240 201 PO Box 463 Dee Why NSW 2099 2/99A South Creek Road, Dee Why NSW 2099 Telephone: (02) 9971 4802 Facsimile: (02) 9971 4822 E-mail: info@cmsurveyors.com.au									
		MARKS ADOPTED: SSM41898, SSM83818		SOURCE: S.C.I.M.S. (10/04/17)				<table><tr><td colspan="2">DRAWING NAME 15978detail</td><td>SHEET 6 OF 7</td><td>ISSUE 1</td></tr><tr><td colspan="2">CAD FILE 15978detail.dwg</td><td colspan="2"></td></tr></table>		DRAWING NAME 15978detail		SHEET 6 OF 7	ISSUE 1	CAD FILE 15978detail.dwg					
DRAWING NAME 15978detail		SHEET 6 OF 7	ISSUE 1																
CAD FILE 15978detail.dwg																			
I	FIRST ISSUE	15/07/16	LGA: HORNSBY																



98°40'35"
35.355

33.440
101.550

11
D.P.17375
34.30m²

278°32'35"

LEGEND:

AW = AWNING
BIT = BITUMEN
BLD = EXTERNAL BUILDING
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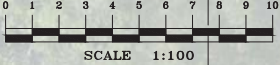
TREE
SPREAD-DIAMETER-HEIGHT

NOTES:

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- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED AND SOME UNDERGROUND SERVICES HAVE BEEN LOCATED. DIAL BEFORE YOU DIG SERVICES (p1100) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SERVICES SHOWN ON THIS PLAN.
- SEWER MAIN POSITION AND SYDNEY WATER SEWER DIAGRAM LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
- THIS PLAN IS ONLY TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.
- CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL - 0.5 metre - SPOT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:100.
- DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
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- THIS NOTICE MUST NOT BE ERASED.

DIAL BEFORE YOU DIG
The Essential First Step.

TITLE INDICATES THAT LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375 IS SUBJECT TO:
- RESERVATIONS AND CONDITIONS IN THE CROWN GRANT(S)
- LOT A IN D.P.309739 IS SUBJECT TO A "PROPOSED" EASEMENT FOR ELECTRICITY AND OTHER PURPOSES" AS SHOWN IN D.P.1207229



		HORIZONTAL DATUM:	VERTICAL DATUM:	CLIENT:	SURVEY PLAN SHOWING DETAIL & LEVELS OVER LOT A IN D.P.309739, LOTS 12 & 13 IN D.P.17375, LOTS 1 IN D.P.333142 & LOT 11 IN D.P.17375 No. 48-58 MYRA STREET WAHROONGA NSW 2076	 C.M.S. Surveyors Pty Limited ACN: 096 240 201 PO Box 463 Dee Why NSW 2099 2/99A South Creek Road, Dee Why NSW 2099 Telephone: (02) 9971 4802 Facsimile: (02) 9971 4822 E-mail: info@cmsurveyors.com.au	SURVEYED TC/BB	DRAWN ABS/TC	CHECKED TC/BB	APPROVED MDL	
		CO-ORDINATE SYSTEM: MGA	DATUM: AUSTRALIAN HEIGHT DATUM (AHD)	GHD WOODHEAD			SURVEY INSTRUCTION 15978	SCALE 1:100	DATE OF SURVEY 30/05/17		
		MARKS ADOPTED: SSM41898, SSM83818	B.M. ADOPTED: SSM41898	LEVEL 15, 133 CASTLEREAGH STREET				DRAWING NAME 15978detail		SHEET 7 OF 7	ISSUE 1
			R.L. 185.074 (ORDER L2)					CAD FILE 15978detail Ldwg			
I	FIRST ISSUE	15/07/16	LGA: HORNSBY	SYDNEY NSW 2000							
			SOURCE: S.C.I.M.S. (10/04/17)								

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Level 15

133 Castlereagh Street

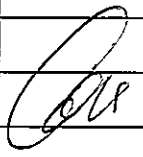
T: 61 2 9239 7100 F: 61 2 9239 7199 E: sydmail@ghd.com

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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
A	Campbell Griffin *	Trevor McMaster		Mike Warren		25.08.17
B	Campbell Griffin *	Trevor McMaster		Bryson Millers		
C	Campbell Griffin *	Trevor McMaster		Bryson Millers		19-02-2018

* indicates signature on original issue of document or last issue of document

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