

UNDERGROUND SERVICES
LOCATED & PLOTTED IN
RED ONLY

UNDERGROUND SERVICES LOCATED &
PLOTTED IN THE AREA OUTLINED IN
RED ONLY

DETAIL WITHIN THE PINK DASHED
AREA HAS BEEN UPDATE JULY 2021

TITLE INDICATES THAT LOT 5227 IN D.P.868693 IS SUBJECT TO:

- 315922 RIGHT OF WAY APPURTENANT TO THE PART(S) SHOWN SO BENEFITED IN THE TITLE DIAGRAM
- DP862902 RESTRICTION(S) ON THE USE OF LAND (NOT INVESTIGATED)
- DP868693 EASEMENT TO DRAIN WATER 2.5 WIDE AND VARIABLE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
- DP868693 EASEMENT FOR PADMOUNT SUBSTATION 2.75 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP868693
- DP868693 EASEMENT FOR UNDERGROUND CABLES 1 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP868693
- DP868693 RESTRICTION(S) ON THE USE OF LAND

LEGEND: (SEE NOTES 1)

- C = COMMUNICATIONS LINES (UNDERGROUND)
- E = ELECTRICITY LINE (UNDERGROUND)
- S = SEWER LINE (UNDERGROUND)
- SW = STORMWATER LINE (UNDERGROUND)
- T = TELSTRA LINES (UNDERGROUND)
- U = UNKNOWN SERVICE (UNDERGROUND)
- W = WATER LINE (UNDERGROUND)

NOTES 1

- THE PURPOSE OF THIS PLAN IS FOR DESIGN ONLY. CURRENT PLANS ISSUED BY SERVICE PROVIDERS THROUGH "DIAL BEFORE YOU DIG" ARE STILL REQUIRED. CONTRACTORS AND SUBCONTRACTORS WILL NEED TO EXERCISE THEIR OWN "DUTY OF CARE" AND SHOULD MAKE THEIR OWN DIAL BEFORE YOU DIG ENQUIRY BEFORE EXCAVATION/CONSTRUCTION. YOU MUST ENSURE "DIAL BEFORE YOU DIG" ARE CURRENT AS THEY HAVE VARYING EXPIRATION DATES, AND MAY REQUIRE RE-ISSUE OTHERWISE THE INFORMATION ON THIS PLAN MAY NO LONGER BE CURRENT.
- WARNING: UNKNOWN SERVICES MAY EXIST THAT COULD NOT BE ELECTRONICALLY DETECTED. THE DIAGRAMS OF THE SERVICE PROVIDER MAY NOT DEPICT ALL ASSETS WITHIN THEIR NETWORK AND SERVICE PROVIDERS MAY SHARE CONDUITS AND/OR TRENCHES AT THIS LOCATION.
- WARNING: SINGLE MARKED LINES MAY REPRESENT MULTIPLE CONDUITS, PIPES AND/OR CABLES AT THIS LOCATION. THE RECORDING OF DEPTHS AND POSITION OF UTILITIES CANNOT BE GUARANTEED AS CORRECT. WE RECOMMEND NON DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE SERVICES FOR ACCURATE IDENTIFICATION AND DEPTH.

CAUTION: DURKIN HAVE SURVEYED AND MARKED OUT EXISTING SERVICES IN THE AREA SPECIFIED BY THE CLIENT. THESE SERVICE LINES HAVE BEEN LOCATED BY ABOVE GROUND SERVICE TRACING METHODS AND HAVE NOT BEEN SIGHTED. CMS SURVEYORS HAVE THEN LOCATED THE LINE MARKED BY DURKIN. THE LOCATION OF THESE MARKED SERVICES ARE APPROXIMATE ONLY. THE POSITION OF THE MARKED SERVICE LINES HAS BEEN MADE WITH REFERENCE TO THE RELEVANT SERVICE AUTHORITY DIAGRAMS. ALL SERVICES MAY NOT HAVE BEEN SHOWN AND UTILITY DESCRIPTIONS HAVE BEEN TAKEN FROM UTILITY PROVIDED DIAGRAMS WHERE AVAILABLE. WE RECOMMEND NON DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE MARKED SERVICES TO IDENTIFY AND SHOW EXACT DEPTH AND LOCATION OF SERVICE LINES PRIOR TO EARTHWORKS COMMENCING. UTILITIES PLOTTED ON THE PLAN THAT TERMINATE IN THE SPECIFIED AREA MAY GO TO FEATURES THAT HAVE NOT BEEN SHOWN ON THE BACKGROUND DETAIL SURVEY PROVIDED BY CLIENT. THE RISK REMAINS WITH THE CLIENT AND/OR SUB CONTRACTOR AND THEIR RESPONSIBILITY TO EXERCISE CAUTION AT ALL TIMES.

CODE	PIPE	DIAMETER
106.78	SSL	B 131 0.10 EOT
RL	LOCATION	QUALITY
	DEPTH	NOTE

SUBSURFACE UTILITY INFORMATION

QL-D IS THE LOWEST OF THE FOUR QUALITY LEVELS STIPULATED IN ASS488. IT IS AN INDICATIVE POSITION COMPILED FROM EXISTING RECORDS, CURSORY SITE INSPECTION, ANECDOTAL EVIDENCE.

QL-C IS THE NEXT LEVEL UP FROM QL-D. ASS488 STATES THAT QL-C IS A SURFACE FEATURE CORRELATION OR AN INTERPRETATION OF THE APPROXIMATE LOCATIONS AND ATTRIBUTES OF A SURFACE FEATURE USING A COMBINATION OF EXISTING RECORDS (ANECDOTAL EVIDENCE) SONIC BOOM TECHNIQUES AND A SITE SURVEY OF VISIBLE EVIDENCE.

QL-B ELECTRONICALLY TRACED AS PER ASS488 (DIRECT CONNECTION, INDUCTION, FLEXITRACE/SONDE, FLEXIROD/SONDE) WITH AN ESTIMATED POSITIONAL TOLERANCE OF +/-300MM IN PLAN, +/-500MM IN DEPTH (HIGH CONFIDENCE LEVEL).

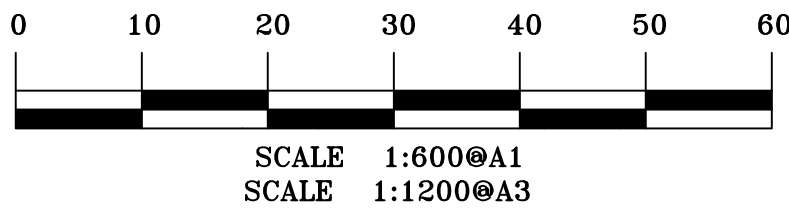
QL-A IS THE HIGHEST QUALITY LEVEL AS PER ASS488 AND CONSISTS OF THE POSITIVE IDENTIFICATION OF THE ATTRIBUTE AND LOCATION OF A SUBSURFACE UTILITY AT A POINT TO AN ABSOLUTE SPATIAL POSITION IN THREE DIMENSIONS. THIS CAN BE ACHIEVED AT OPENED PITS AND IN THE POTHOLE WHERE THE UTILITY IS EXPOSED.

HORIZONTAL AND VERTICAL TOLERANCE: +/- 50MM.

QL-X ELECTRONICALLY LOCATED WITH GROUND PENETRATING RADAR OR OTHER ELECTRONIC LOCATING TECHNIQUES NOT COMPLIANT WITH ASS488. ESTIMATED POSITIONAL TOLERANCE IS +/-300MM IN PLAN, +/-500MM IN DEPTH (HIGH CONFIDENCE LEVEL).

QL-Y ELECTRONICALLY LOCATED BUT WITH REDUCED CONFIDENCE IN PLAN POSITION/DEPTH (MEDIUM CONFIDENCE LEVEL).

QL-Z ELECTRONICALLY LOCATED WITH LOW CONFIDENCE LEVEL IN PLAN POSITION/DEPTH (LOW CONFIDENCE LEVEL).



NOTES

- A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR COUNCIL DA SUBMISSION (TITLE DIMENSIONS ONLY).
- IF CONSTRUCTION ON OR NEAR BOUNDARIES IS REQUIRED IT IS RECOMMENDED THAT THE BOUNDARIES OF THE LAND BE MARKED.
- AREA IS APPROXIMATE ONLY AND HAS BEEN CALCULATED BY TITLE DIMENSIONS. ALL TITLE DIMENSIONS OF THE LAND HAVE NOT BEEN CONFIRMED BY SURVEY. IF AREAS ARE CRITICAL WE RECOMMEND A BOUNDARY SURVEY FOR PUBLIC RECORD.
- THIS SURVEY IS FOR DESIGN PURPOSES OF THE SUBJECT LAND ONLY. THIS PLAN MUST NOT BE USED FOR ANY OTHER MATTER, PURPOSE OR CONSTRUCTION SETOUT.
- TREE SIZES ARE ESTIMATES ONLY.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF SCHOOLS INFRASTRUCTURE NSW DEPARTMENT OF EDUCATION.
- 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.
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- SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
- 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.
- THIS PLAN HAS BEEN PREPARED UNDER THE SUPERVISION OF REGISTERED SURVEYOR S B McEVROY, BOSS NUMBER 265.
- COPYRIGHT © CMS SURVEYORS 2021.
- 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.
- ANY PERMITTED DOWNLOADING, ELECTRONIC STORAGE, DISPLAY, PRINT, COPY OR REPRODUCTION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.
- THIS NOTICE MUST NOT BE ERASED.

"SEE SHEET 1 FOR EXTRA
LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768**

**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

LGA: BLACKTOWN			SHEET 1 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR	
SURVEY INSTRUCTION 17713B		SCALE 1:600 A1 1:1200 A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3	
CAD FILE 17713Bdetail 3.dwg				

APPROX TRUE NORTH
MGA NORTH

METAL

FENCE

GRASS
SPORTS FIELD

SN 61.97 NS

62.0.

NOTE

A horizontal number line with tick marks at every integer from 0 to 10. Below the number line, there are alternating black and white squares. The squares are black for even numbers (0, 2, 4, 6, 8, 10) and white for odd numbers (1, 3, 5, 7, 9). The squares are centered under each integer tick mark.

SCALE 1:100@A1
SCALE 1:200@A3

ADJOINS SHEET 3

NOTES

- A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR CAD DATA SUBMISSION (1 TITLE DIMENSIONS ONLY).
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LEGEND & NOTES"

HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA (GDA2020) MARKS ADOPTED: SSM 101811 & SSM 101817
VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: SSM 101817 R.L. 62.228 (CLASS B) SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
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 C.M.S. Surveyors
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ACN: 096 240 201

PO Box 463 Dee Why
NSW 2099
2/99A South Creek Road
Dee Why NSW 2099
Telephone: (02) 9971 4...
Facsimile: (02) 9971 4...
E-mail: info@cmssurveyo...

| GA: B | ACKTOWN

SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
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SURVEY INSTRUCTION 17713B	SCALE 1:100 <input checked="" type="checkbox"/> AI 1:200 <input checked="" type="checkbox"/> A3	DATE OF SURVEY 6-10/07/20,5/6/2
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DRAWING NAME 17713Bdetail	ISSUE 3
CAD FILE 17713Bdetail 3.dwg	

LEGEND:

BM = AWMING
 BB = BOTTOM OF BANK
 BIT = BITUMEN
 BLK = EXTERNAL BUILDING
 BOK = BACK OF KERB
 BOL = BOLLARD
 BW = BOTTOM WALL
 CL = CENTRALINE
 CLC = COLUMN
 CN = CONCRETE
 CPIT = COMMUNICATIONS PIT
 CSL = COMMUNICATIONS SURFACE LEVEL
 CSU = CUSHION
 DS = DOOR SILL LEVEL
 EX = ELECTRICITY KIOSK
 EXL = ELECTRICITY LIGHT POLE
 EUD = END OF UNDERGROUND TRACE
 EPT = ELECTRICITY PIT
 EPTL = ELECTRICITY SURFACE LEVEL
 FCE = FENCE
 FHY = FIRE HYDRANT
 FL = FLOOR LEVEL
 FR = GARDEN
 GR = GUTTER LEVEL
 GRV = GRAVEL
 GRP = GRATE
 GTE = GATE
 HYD = HYDRANT
 LAN = LANDING
 LIM = MISCELLANEOUS PIT LID
 LN = LINTEL
 LP = KERB LAP
 LH = LINE MARKING
 LPL = LIGHT POLE
 NS = NATURAL SURFACE
 PAY = PAVING
 PIT = TOP OF PIT
 RPF = TOP OF ROOF
 RMP = RAMP
 RRS = ROOF RIDGE
 SEN = SIGN
 SPH = SPHER INSPECTION PIT
 SPM = SEWER MAN HOLE
 SSL = SEWER SURFACE LEVEL
 STR = STAIRS
 SUB = ELECTRICITY SUBSTATION
 STA = STOP VALVE
 SWSL = STOP WATER SURFACE LEVEL
 TAP = TAP
 TFCB = TOP OF FENCE
 TGT = TOP OF GUTTER
 TKB = TOP OF KERB
 TPT = TELSTRA PIT
 TR = TREE
 TROUGH = WATER TROUGH
 TSL = TELSTRA SURFACE LEVEL
 TSP = TIE
 UNS = UNDERSIDE LEVEL
 USL = UNDERGROUND SURFACE LEVEL
 UO = OPEN PIT
 VER = VERANDAH
 WM = WATER METER
 WPT = WATER PIT
 WSL = WATER SURFACE LEVEL
 WV = WATER VALVE



TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

```

      CODE      PIPE DIAMETER
      ↓         ↓
106.78  SSL    B    1.31  0.10  EOT
  ↑         ↑         ↑         ↑
  RL      LOCATION DEPTH  NOTE
        QUALITY

```

LEGEND: (SEE NOTES 1)

- C — = COMMUNICATIONS LINES (UNDERGROUND)
- E — = ELECTRICITY LINE (UNDERGROUND)
- S — = SEWER LINE (UNDERGROUND)
- SW — = STORMWATER LINE (UNDERGROUND)
- T — = TELSTRA LINES (UNDERGROUND)
- U — = UNKNOWN SERVICE (UNDERGROUND)
- W — = WATER LINE (UNDERGROUND)

5226
D.P.874087

NOTES

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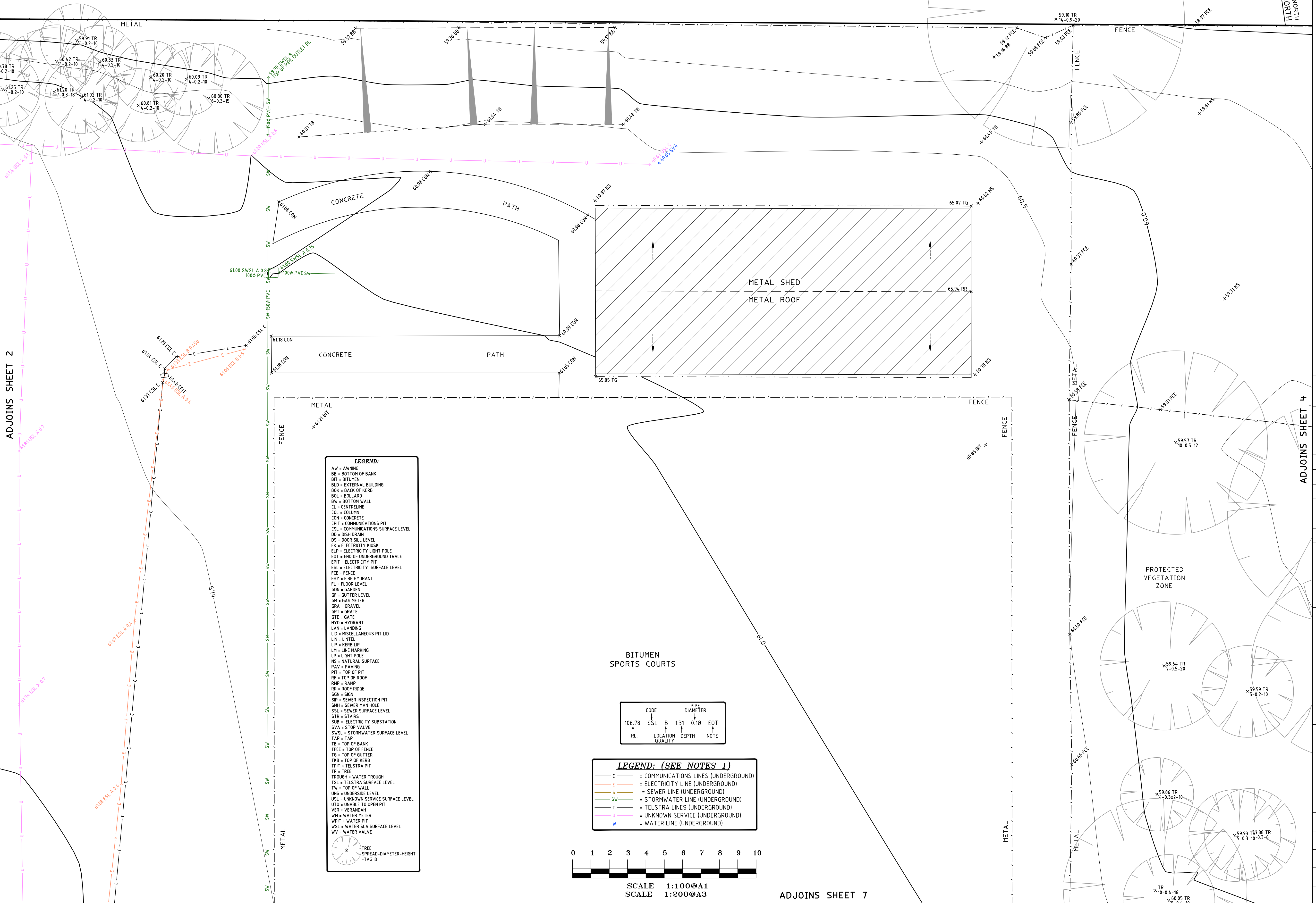
CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
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OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
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& FORMAN AVENUE
GLENWOOD, NSW, 2768**

**C.M.S. Surveyors
Pty Limited**

ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/90A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 3 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B		SCALE 1:100 1:200 A1 A3	DATE OF SURVEY 6-10/07/20,5/6/21
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



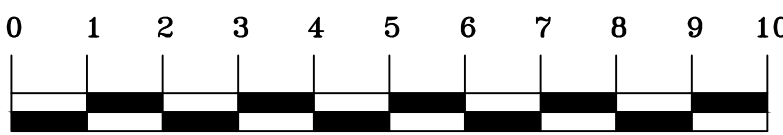
- LEGEND:**
- AW = AWNING
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 - BW = BOTTOM WALL
 - CL = CENTRELINE
 - COL = COLUMN
 - CON = CONCRETE
 - CPIT = COMMUNICATIONS PIT
 - CSL = COMMUNICATIONS SURFACE LEVEL
 - DD = DISH DRAIN
 - DS = DOOR SILL LEVEL
 - EK = ELECTRICITY KIOSK
 - ELP = ELECTRICITY LIGHT POLE
 - EOT = END OF UNDERGROUND TRACE
 - EPIT = ELECTRICITY PIT
 - ESL = ELECTRICITY SURFACE LEVEL
 - FCE = FENCE
 - FHY = FIRE HYDRANT
 - FL = FLOOR LEVEL
 - GON = GARDEN
 - GF = GUTTER LEVEL
 - GM = GAS METER
 - GRA = GRAVEL
 - GRT = GRATE
 - GTE = GATE
 - HYD = HYDRANT
 - LAN = LANDING
 - LID = MISCELLANEOUS PIT LID
 - LIN = LINTEL
 - LIP = KERB LIP
 - LM = LINE MARKING
 - LP = LIGHT POLE
 - NS = NATURAL SURFACE
 - PAV = PAVING
 - PIT = TOP OF PIT
 - RF = TOP OF ROOF
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 - TPIT = TELSTRA PIT
 - TR = TREE
 - TROUGH = WATER TROUGH
 - TSL = TELSTRA SURFACE LEVEL
 - TW = TOP OF WALL
 - UNS = UNDERSIDE LEVEL
 - USL = UNKNOWN SERVICE SURFACE LEVEL
 - UTO = UNABLE TO OPEN PIT
 - VER = VERANDAH
 - WM = WATER METER
 - WPIT = WATER PIT
 - WSL = WATER SLA SURFACE LEVEL
 - WV = WATER VALVE
- TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

BITUMEN
SPORTS COURTS

CODE	PIPE DIAMETER
106.78 SSL B RL	1.31 0.10 EOT NOTE

LEGEND: (SEE NOTES 1)

- C = COMMUNICATIONS LINES (UNDERGROUND)
- E = ELECTRICITY LINE (UNDERGROUND)
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SCALE 1:100@A1
SCALE 1:200@A3

ADJOINS SHEET 7

5226
D.P.874087

NOTES

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- CONTOUR INTERVAL - 0.5 metre. - SPOT LEVELS SHOULD BE ADOPTED.
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"SEE SHEET 1 FOR EXTRA
LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768**

**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

LGA: BLACKTOWN		SHEET 4 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B	SCALE 1:100 1:200	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			

LEGEND:

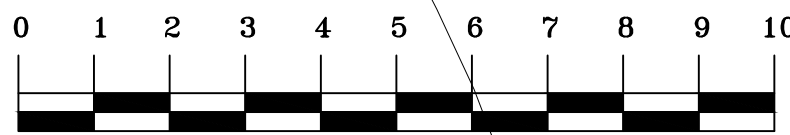
AW = AWNING
BB = BOTTOM OF BANK
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOK = BACK OF KERB
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SURFACE LEVEL
DD = DISH DRAIN
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
ELP = ELECTRICITY LIGHT POLE
EOT = END OF UNDERGROUND TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SURFACE LEVEL
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
GON = GARDEN
GP = GUTTER LEVEL
GM = GAS METER
GRA = GRAVEL
GRT = GRATE
GTE = GATE
HYD = HYDRANT
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LIP = KERB LIP
LM = LINE MARKING
LP = LIGHT POLE
NS = NATURAL SURFACE
PAV = PAVING
PIT = TOP OF PIT
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SGN = SIGN
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SURFACE LEVEL
STR = STAIRS
SUB = ELECTRICITY SUBSTATION
SVA = STOP VALVE
SWSL = STORMWATER SURFACE LEVEL
TAP = TAP
TB = TOP OF BANK
TREE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TRIT = TELSTRA PIT
TR = TREE
TROUG = WATER TROUGH
TSL = TELSTRA SURFACE LEVEL
TW = TOP OF WALL
UNSL = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SURFACE LEVEL
UTO = UNABLE TO OPEN PIT
VER = VERANDAH
WM = WATER METER
WPIT = WATER PIT
WSL = WATER SLA SURFACE LEVEL
WV = WATER VALVE

TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

CODE		PIPE DIAMETER		
106.78	SSL	B	1.31	0.10
				EOT
	RL	LOCATION	DEPTH	NOTE
		QUALITY		

LEGEND: (SEE NOTES 1)

— C — = COMMUNICATIONS LINES (UNDERGROUND)
— E — = ELECTRICITY LINE (UNDERGROUND)
— S — = SEWER LINE (UNDERGROUND)
— SW — = STORMWATER LINE (UNDERGROUND)
— T — = TELSTRA LINES (UNDERGROUND)
— U — = UNKNOWN SERVICE (UNDERGROUND)
— W — = WATER LINE (UNDERGROUND)

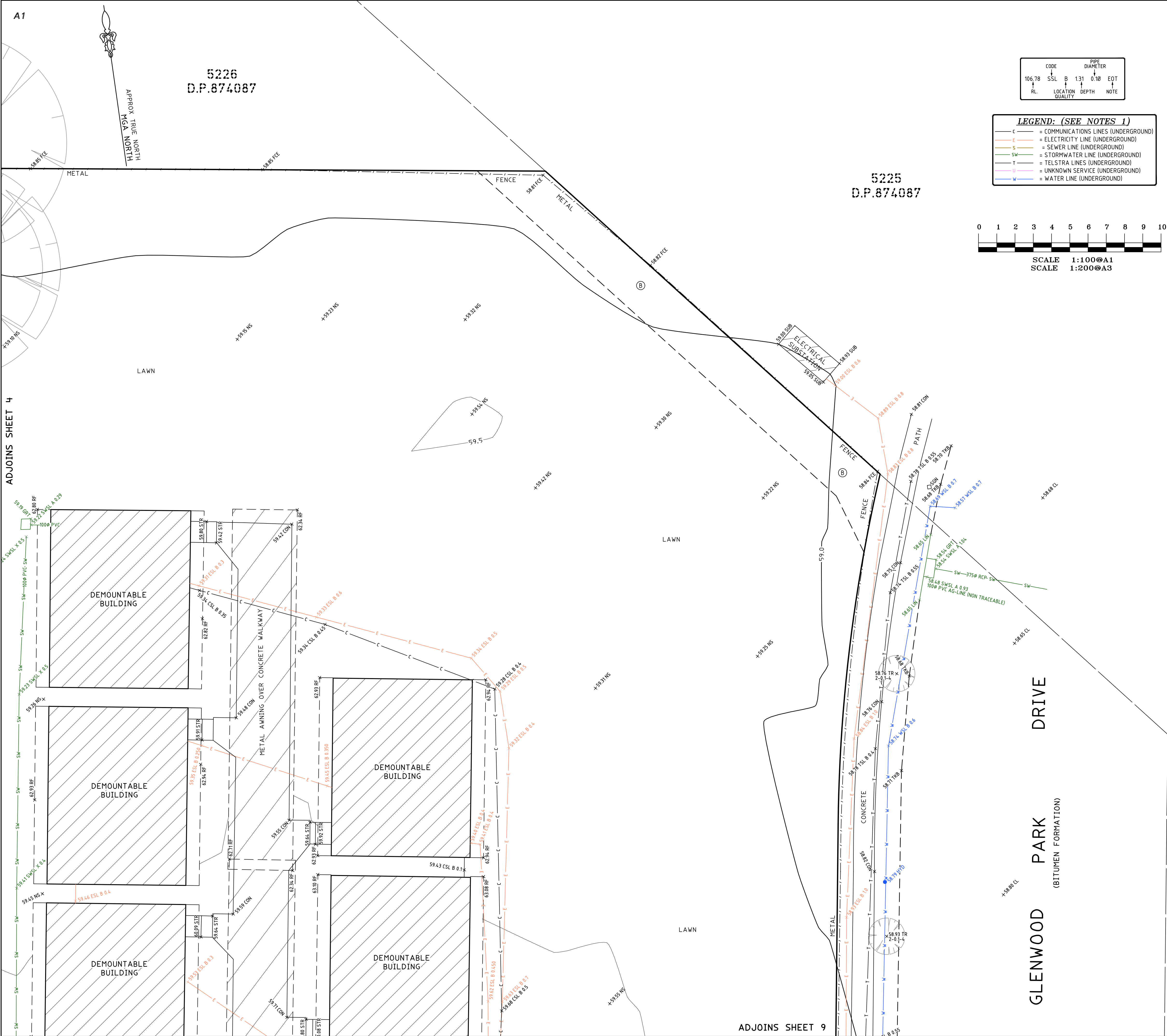


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SCALE 1:200@A3

ADJOINS SHEET 8

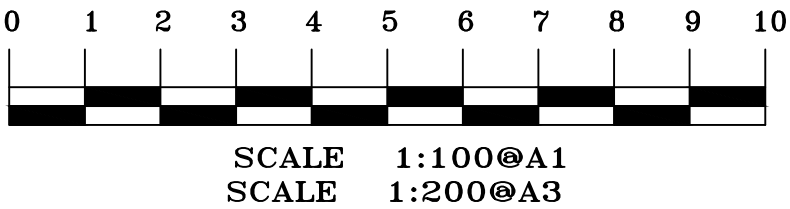
ADJOINS SHEET 5

ADJOINS SHEET 3



CODE		PIPE DIAMETER	
106.78	SSL	B	1.31
RL	LOCATION	QUALITY	DEPTH
		NOTE	

LEGEND: (SEE NOTES 1)	
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LEGEND:	
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BOX	= BACK OF KERB
BOL	= BOLLARD
BW	= BOTTOM WALL
CL	= CENTRELINE
COL	= COLUMN
CON	= CONCRETE
CPIT	= COMMUNICATIONS PIT
CSL	= COMMUNICATIONS SURFACE LEVEL
DD	= DASH DRAIN
DS	= DOOR SILL LEVEL
EK	= ELECTRICITY NOSE
ELP	= ELECTRICITY LIGHT POLE
EOT	= END OF UNDERGROUND TRACE
EPT	= ELECTRICITY PIT
ESL	= ELECTRICITY SURFACE LEVEL
FCE	= FENCE
FHY	= FIRE HYDRANT
FL	= FLOOR LEVEL
GDN	= GARDEN
GP	= GUTTER LEVEL
GR	= GAS METER
GRA	= GRAVEL
GRT	= GRATE
GTE	= GATE
HYD	= HYDRANT
LAN	= LANDING
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LIN	= LINTEL
LP	= KERB LIP
LN	= LINE MARKING
LP	= LIGHT POLE
NS	= NATURAL SURFACE
PAV	= PAVING
PIT	= TOP OF PIT
RP	= TOP OF ROOF
RWP	= RAMP
RR	= ROOF RIDGE
SGN	= SIGN
SNP	= SEWER INSPECTION PIT
SMH	= SEWER MAN HOLE
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TB	= TOP OF BANK
TFEE	= TOP OF FENCE
TG	= TOP OF GUTTER
TAB	= TOP OF KERB
TPIT	= TELSTRA PIT
TR	= TREE
TROUGH	= WATER TROUGH
TSU	= TELSTRA SURFACE LEVEL
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R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

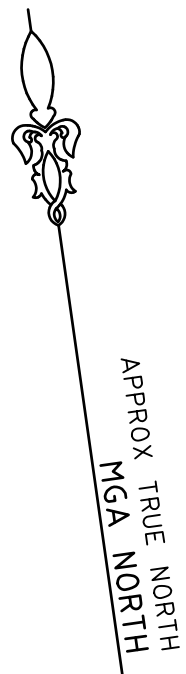
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LGA: BLACKTOWN		SHEET 5 OF 21	
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DRAWING NAME 17713Bdetail			ISSUE 3
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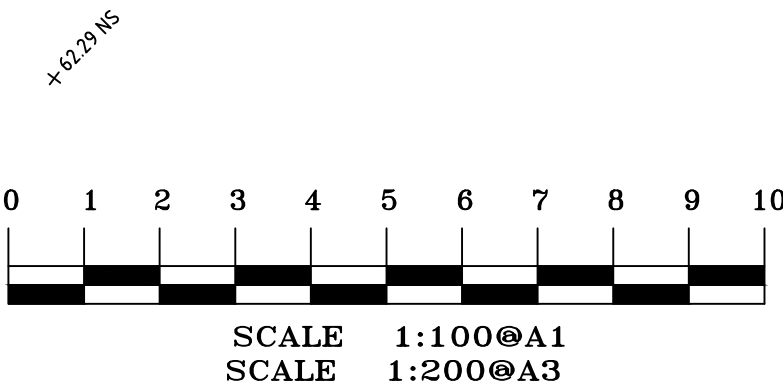
5226
D.P.874087

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 - TAP = TAP
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 - TG = TOP OF GUTTER
 - TKB = TOP OF KERB
 - TRP = TELSTRA PIT
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 - WM = WATER METER
 - WPT = WATER PIT
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CODE	PIPE
106.78	SSL
B	1.31
RL	0.10
LOCATION	EOT
QUALITY	NOTE

LEGEND: (SEE NOTES 1)	
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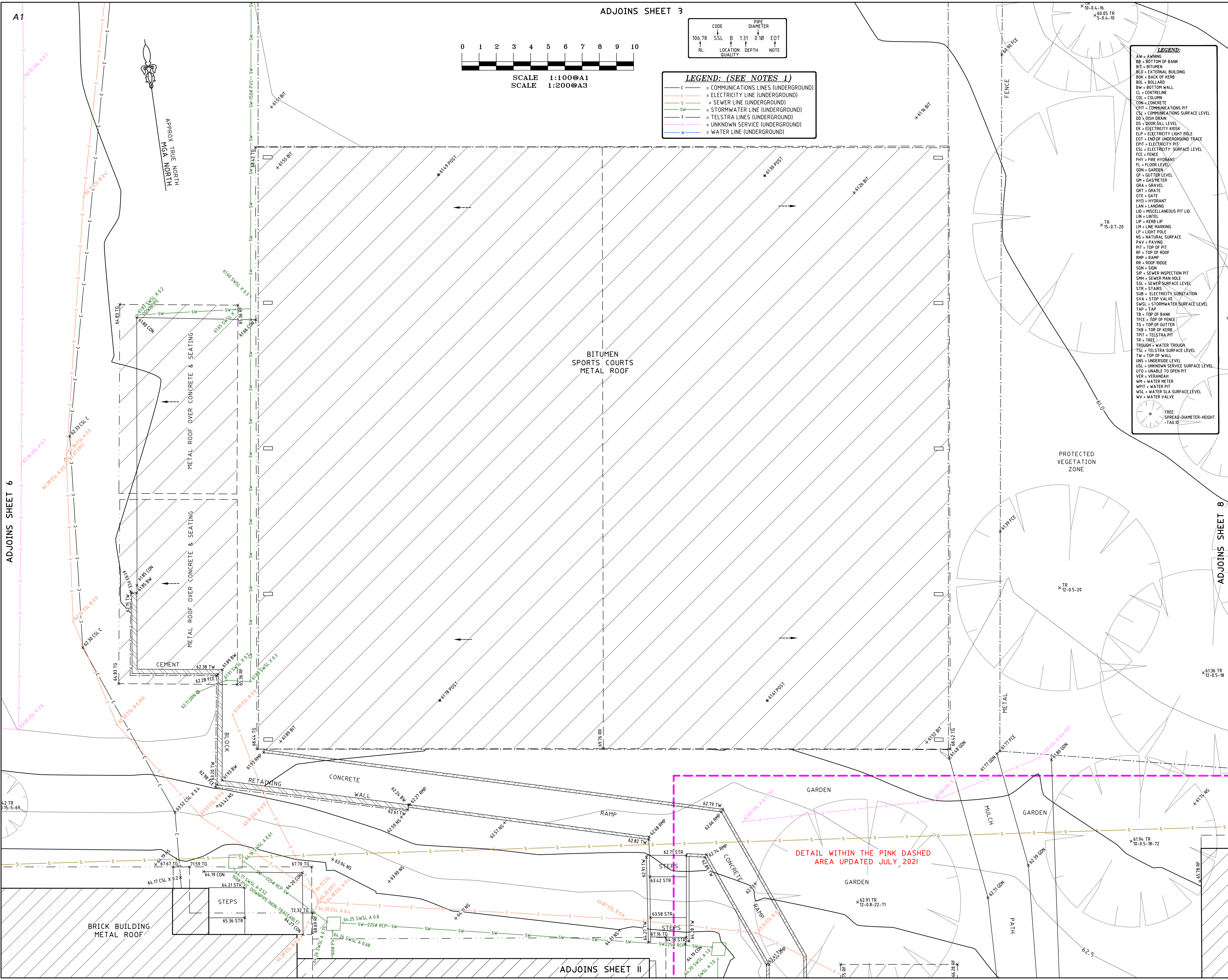
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LGA: BLACKTOWN		SHEET 6 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B		SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



A1

ADJOINS SHEET 6



ADJOINS SHEET 3

CODE	PIPE DIAMETER
106.78	SSL
B	1.31
0.10	EQT

RL. LOCATION QUALITY DEPTH NOTE

LEGEND: (SEE NOTES 1)

- C = COMMUNICATIONS LINES (UNDERGROUND)
- E = ELECTRICITY LINE (UNDERGROUND)
- S = SEWER LINE (UNDERGROUND)
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LEGEND:

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- B.O. = EXTERNAL BUILDING
- BOK = BACK OF KERB
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- TW = TOP OF WALL
- UNS = UNDERSIDE LEVEL
- USL = UNKNOWN SERVICE SURFACE LEVEL
- UTO = UNABLE TO OPEN PIT
- VER = VERANDAH
- WM = WATER METER
- WPIT = WATER PIT
- WSL = WATER SLA SURFACE LEVEL
- WV = WATER VALVE

TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

NOTES

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- SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
- 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.
- THIS PLAN HAS BEEN PREPARED UNDER THE SUPERVISION OF REGISTERED SURVEYOR S B McEVY, BOSSI NUMBER 265.
- COPYRIGHT © CMS SURVEYORS 2021.
- 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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"SEE SHEET 1 FOR EXTRA LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

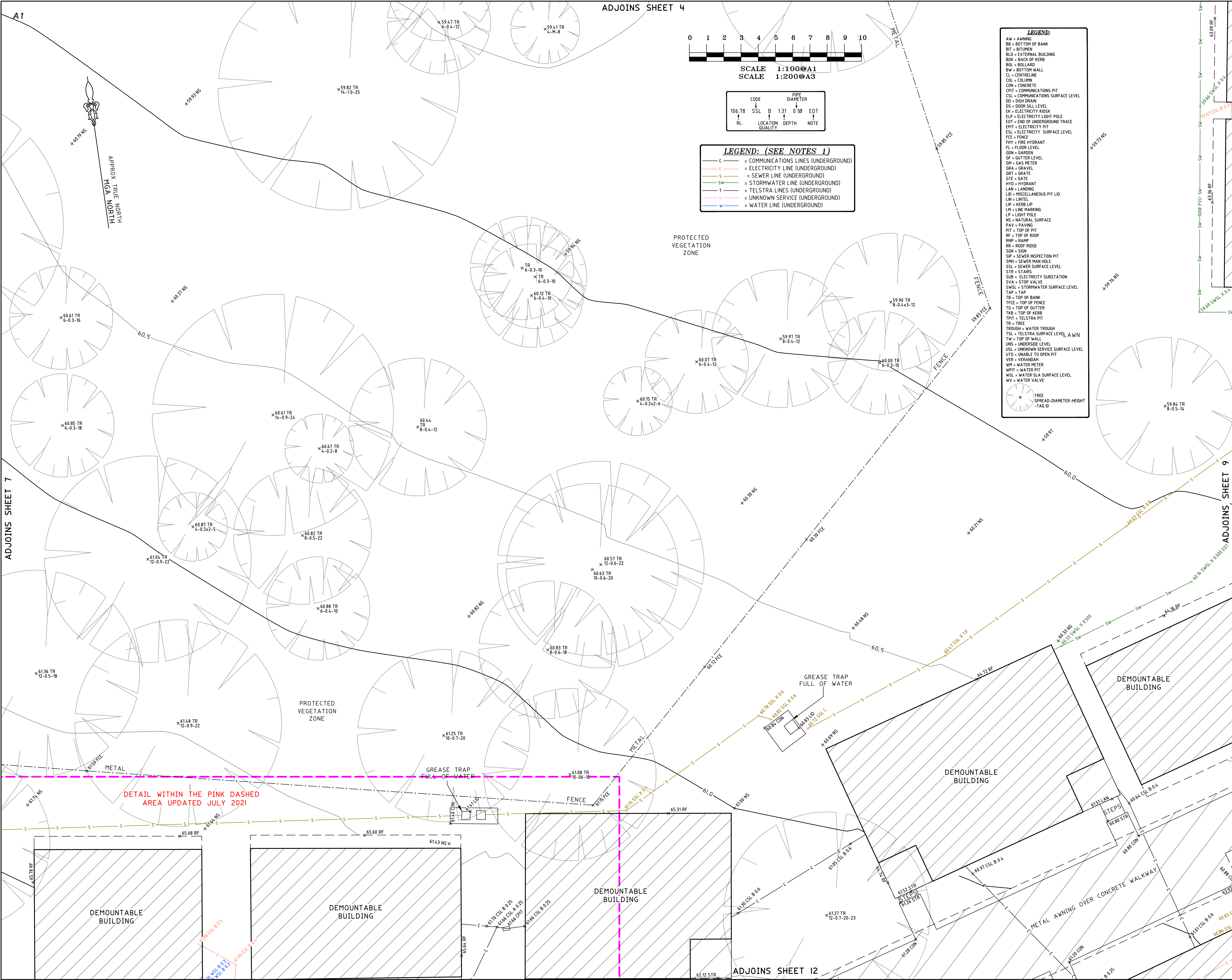
NO	DESCRIPTION	DATE
3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060

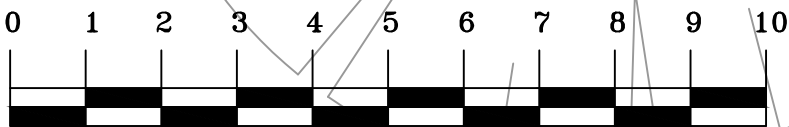
SURVEY PLAN
SHOWING DETAIL, LEVELS & UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768

C.M.S. Surveyors Pty Limited
ACN: 096 240 201
PO Box 463 Dee Why NSW 2099
2/90A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 7 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B		SCALE 1:100 @ A1 1:200 @ A3	DATE OF SURVEY 6-10/07/20,5/6/21
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



ADJOINS SHEET 4



SCALE 1:100@A1
SCALE 1:200@A3

CODE	PIPE	DIAMETER
106.78	SSL	B
1.31		0.10
EOT		
RL	LOCATION	DEPTH
	QUALITY	NOTE

LEGEND: (SEE NOTES 1)

- C = COMMUNICATIONS LINES (UNDERGROUND)
- E = ELECTRICITY LINE (UNDERGROUND)
- S = SEWER LINE (UNDERGROUND)
- SW = STORMWATER LINE (UNDERGROUND)
- T = TELSTRA LINES (UNDERGROUND)
- U = UNKNOWN SERVICE (UNDERGROUND)
- W = WATER LINE (UNDERGROUND)

LEGEND:

- AW = AWNING
- BB = BOTTOM OF BANK
- BIT = BITUMEN
- B.O.D. = EXTERNAL BUILDING
- BOK = BACK OF KERB
- BOL = BOLLARD
- BW = BOTTOM WALL
- CL = CENTRELINE
- COL = COLUMN
- CON = CONCRETE
- CPT = COMMUNICATIONS PIT
- CSL = COMMUNICATIONS SURFACE LEVEL
- CO = DITCH DRAIN
- DS = DOOR SILL LEVEL
- EX = ELECTRICITY BOX
- ELP = ELECTRICITY LIGHT POLE
- EOT = END OF UNDERGROUND TRACE
- EPIT = ELECTRICITY PIT
- ESL = ELECTRICITY SURFACE LEVEL
- FCE = FENCE
- FHY = FIRE HYDRANT
- FL = FLOOR LEVEL
- GDN = GARDEN
- GP = GUTTER LEVEL
- GM = GAS METER
- GRA = GRAVEL
- GRT = GRATE
- GTE = GATE
- HYD = HYDRANT
- LAN = LANDING
- LID = MISCELLANEOUS PIT LID
- LIN = LINTEL
- LIP = KERB LIP
- LM = LINE MARKING
- LP = LIGHT POLE
- NS = NATURAL SURFACE
- PAV = PAVING
- PIT = TOP OF PIT
- RP = TOP OF ROOF
- RMP = RAMP
- RR = ROOF RIDGE
- SDN = SIGN
- SIP = SEWER INSPECTION PIT
- SMH = SEWER MAN HOLE
- SSL = SEWER SURFACE LEVEL
- STR = STAIRS
- SUB = ELECTRICITY SUBSTATION
- SVA = STOP VALVE
- SWSL = STORMWATER SURFACE LEVEL
- TAP = TAP
- TB = TOP OF BANK
- TTEE = TOP OF FENCE
- TG = TOP OF GUTTER
- TKB = TOP OF KERB
- TPIT = TELSTRA PIT
- TR = TREE
- TROUGH = WATER TROUGH
- TSL = TELSTRA SURFACE LEVEL
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TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

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"SEE SHEET 1 FOR EXTRA
LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817
VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768**

**C.M.S. Surveyors
Pty Limited**

ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/90A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN			SHEET 8 OF 2	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR	
SURVEY INSTRUCTION 17713B		SCALE 1:100 @ A1 1:200 @ A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3	
CAD FILE 17713Bdetail 3.dwg				

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HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

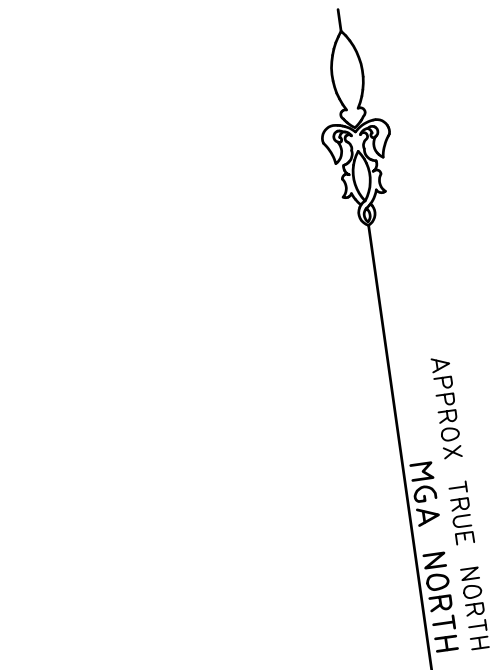
CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
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Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 10 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B	SCALE 1:100 1:200 A1 A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



CODE	PIPE	DIAMETER
106.78	SSL	B 1.31 0.10
RL	LOCATION	DEPTH
	QUALITY	NOTE

LEGEND: (SEE NOTES 1)

- C = COMMUNICATIONS LINES (UNDERGROUND)
- E = ELECTRICITY LINE (UNDERGROUND)
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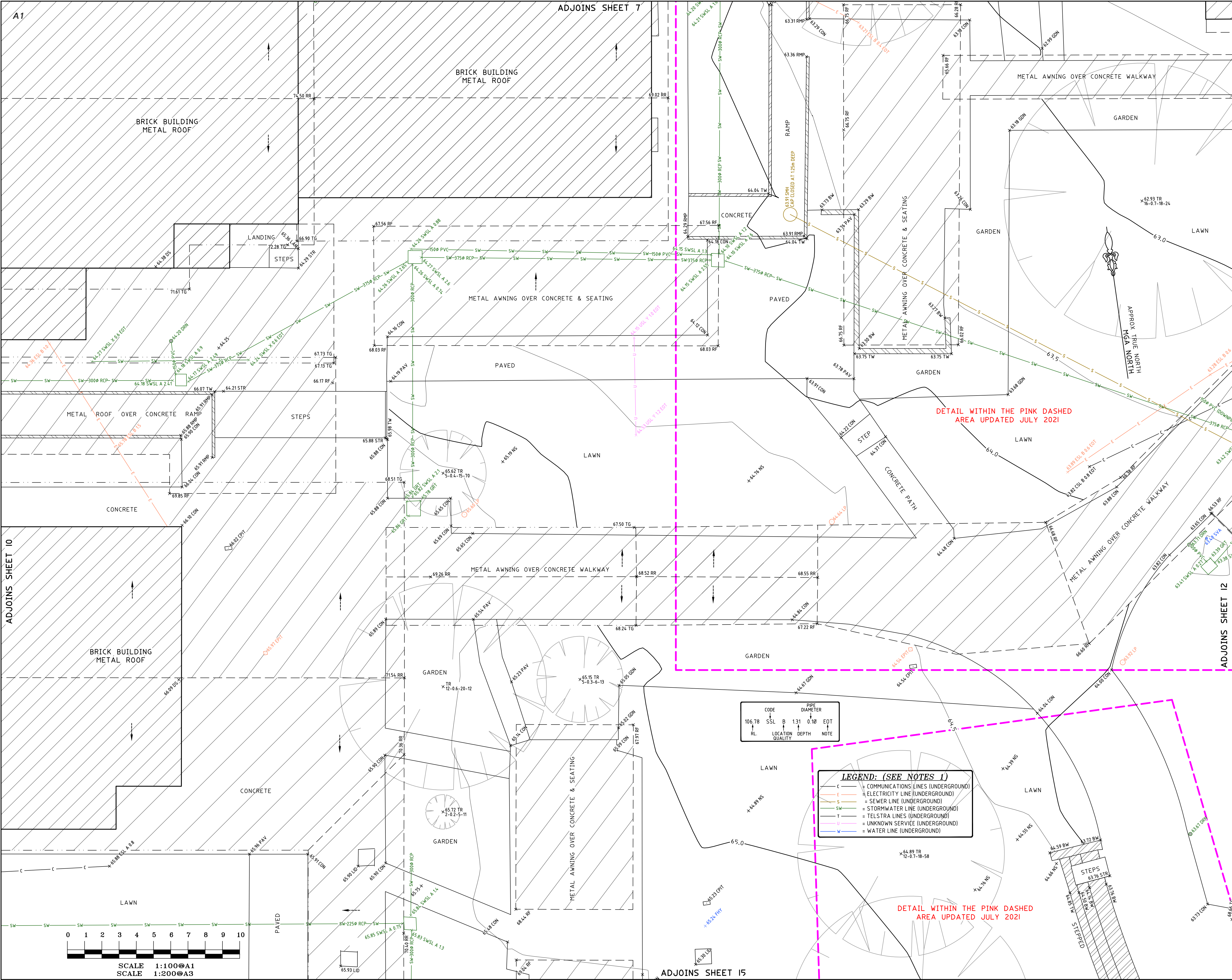
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- CL = CENTRELINE
- COL = COLUMN
- CON = CONCRETE
- CPT = COMMUNICATIONS PIT
- CSL = COMMUNICATIONS SURFACE LEVEL
- DD = DISH DRAIN
- DS = DOOR SILL LEVEL
- EK = ELECTRICITY KIOSK
- ELP = ELECTRICITY LIGHT POLE
- EOT = END OF UNDERGROUND TRACE
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- FL = FLOOR LEVEL
- GDN = GARDEN
- GP = GUTTER LEVEL
- GM = GAS METER
- GRA = GRAVEL
- GRT = GRATE
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- LM = LINE MARKING
- LP = LIGHT POLE
- NS = NATURAL SURFACE
- PAV = PAVING
- PIT = TOP OF PIT
- RF = TOP OF ROOF
- RMP = RAMP
- RR = ROOF RIDGE
- SDN = SIGN
- SIP = SEWER INSPECTION PIT
- SMH = SEWER MAIN HOLE
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- STR = STAIRS
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- TAP = TAP
- TD = TOP OF BANK
- TFCE = TOP OF FENCE
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- TIG = TOP OF KERB
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- UTD = UNABLE TO OPEN PIT
- VER = VERANDAH
- WM = WATER METER
- WPIT = WATER PIT
- WSL = WATER SLA SURFACE LEVEL
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5226
D.P.874087

ADJOINS SHEET 11



NOTES

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B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

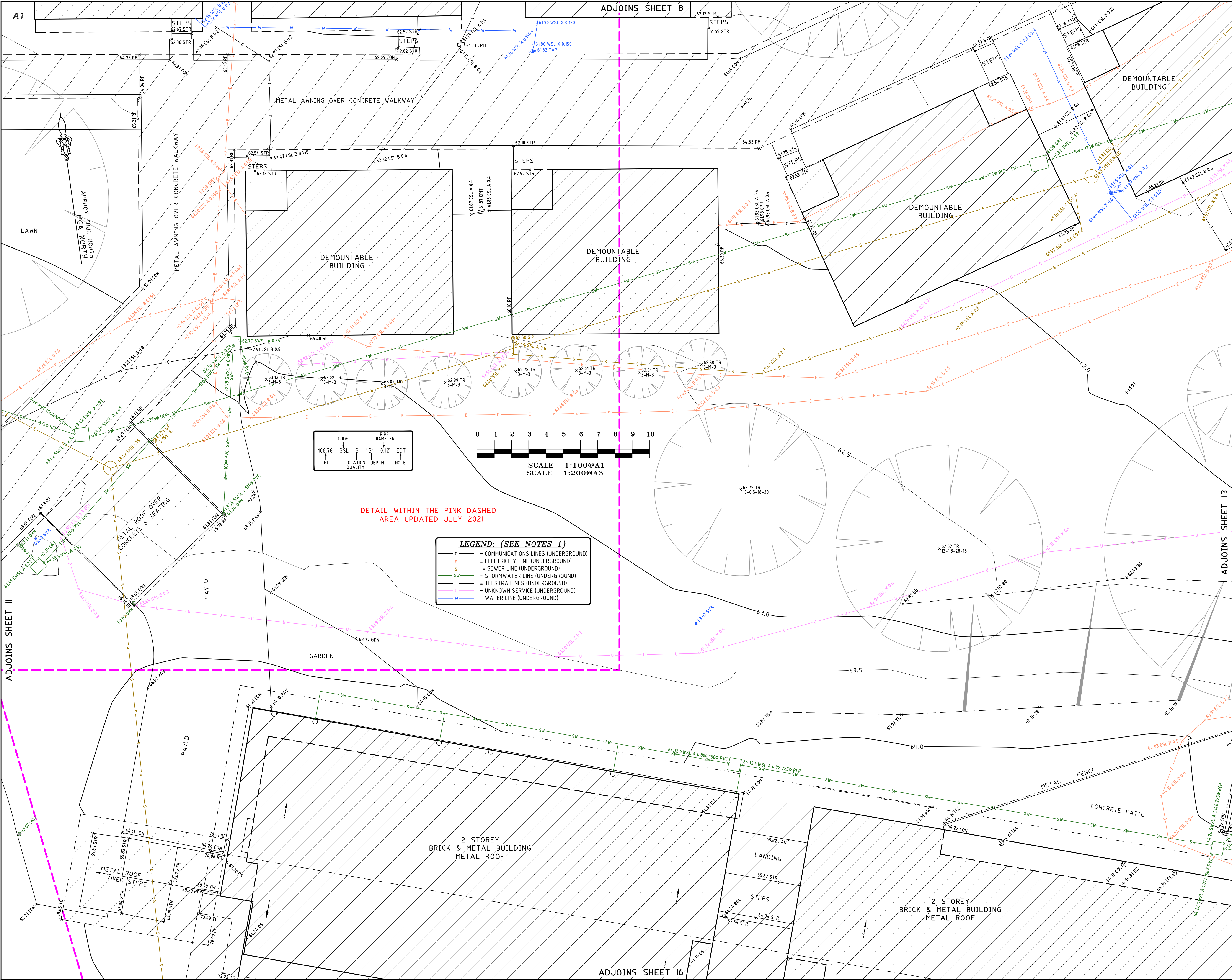
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LGA: BLACKTOWN			SHEET 11 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR	
SURVEY INSTRUCTION 17713B		SCALE 1:100 @ A1 1:200 @ A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3	
CAD FILE 17713Bdetail 3.dwg				



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"SEE SHEET 1 FOR EXTRA
LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

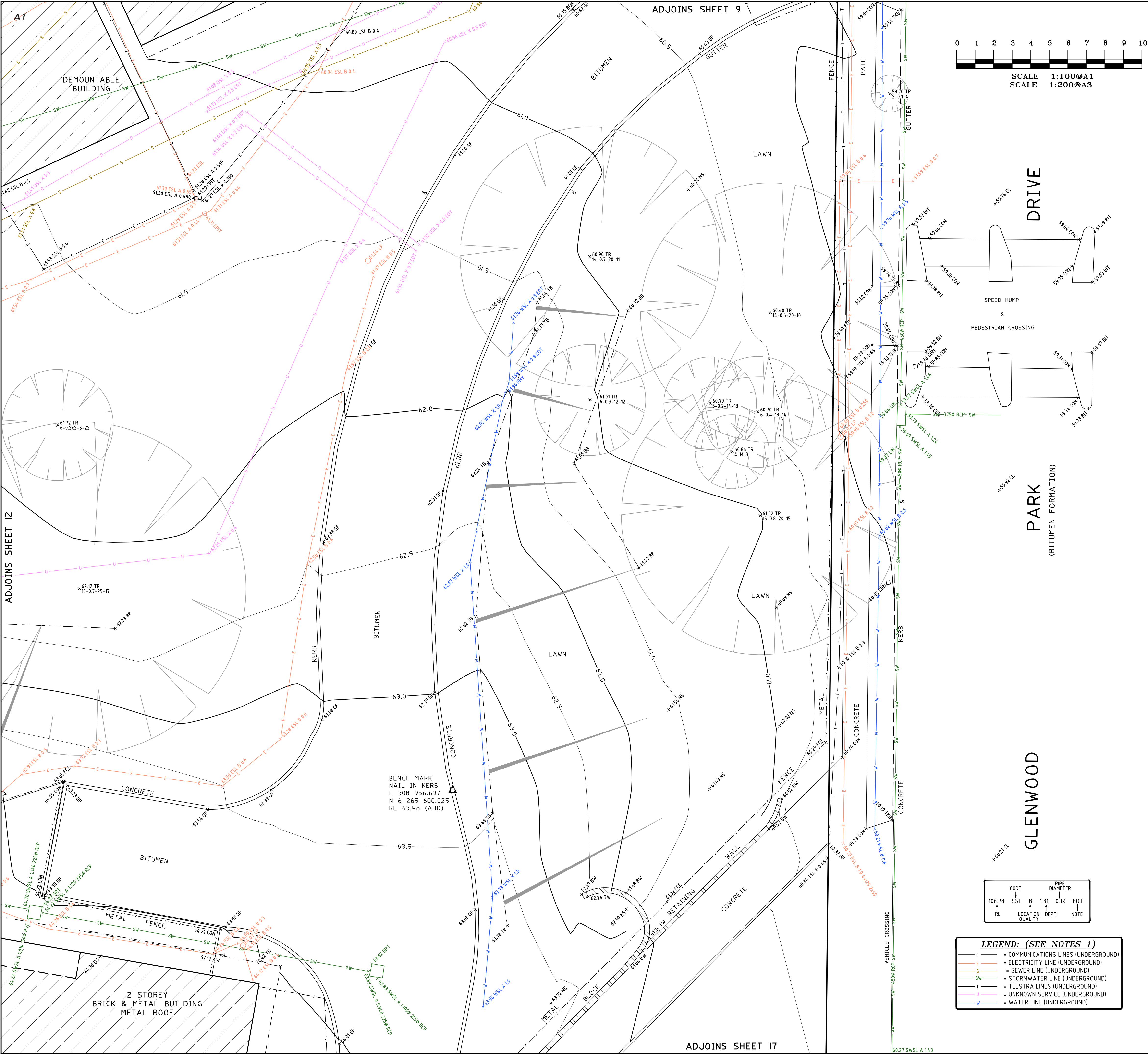
3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
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**SURVEY PLAN
SHOWING DETAIL, LEVELS &
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OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
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& FORMAN AVENUE
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ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/90A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 12 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B		SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



LEGEND:

AW = AWNING
BB = BOTTOM OF BANK
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CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SURFACE LEVEL
DO = DISH DRAIN
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
ELP = ELECTRICITY LIGHT POLE
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FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
GDN = GARDEN
GF = GUTTER LEVEL
GM = GAS METER
GRA = GRAVEL
GR1 = GRATE
GTE = GATE
HYD = HYDRANT
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LIP = KERB LIP
LM = LINE MARKING
LP = LIGHT POLE
NS = NATURAL SURFACE
PAY = PAVING
PIT = TOP OF PIT
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SGN = SIGN
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UTO = UNABLE TO OPEN PIT
VER = VERANDAH
WM = WATER METER
WPIT = WATER PIT
WSL = WATER SURFACE LEVEL
WV = WATER VALVE

TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

LEGEND: (SEE NOTES 1)

— C — = COMMUNICATIONS LINES (UNDERGROUND)
— E — = ELECTRICITY LINE (UNDERGROUND)
— S — = SEWER LINE (UNDERGROUND)
— SW — = STORMWATER LINE (UNDERGROUND)
— T — = TELSTRA LINES (UNDERGROUND)
— U — = UNKNOWN SERVICE (UNDERGROUND)
— W — = WATER LINE (UNDERGROUND)

CODE PIPE DIAMETER
106.78 SSL B 131 0.10 EOT
RL. LOCATION DEPTH NOTE

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CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

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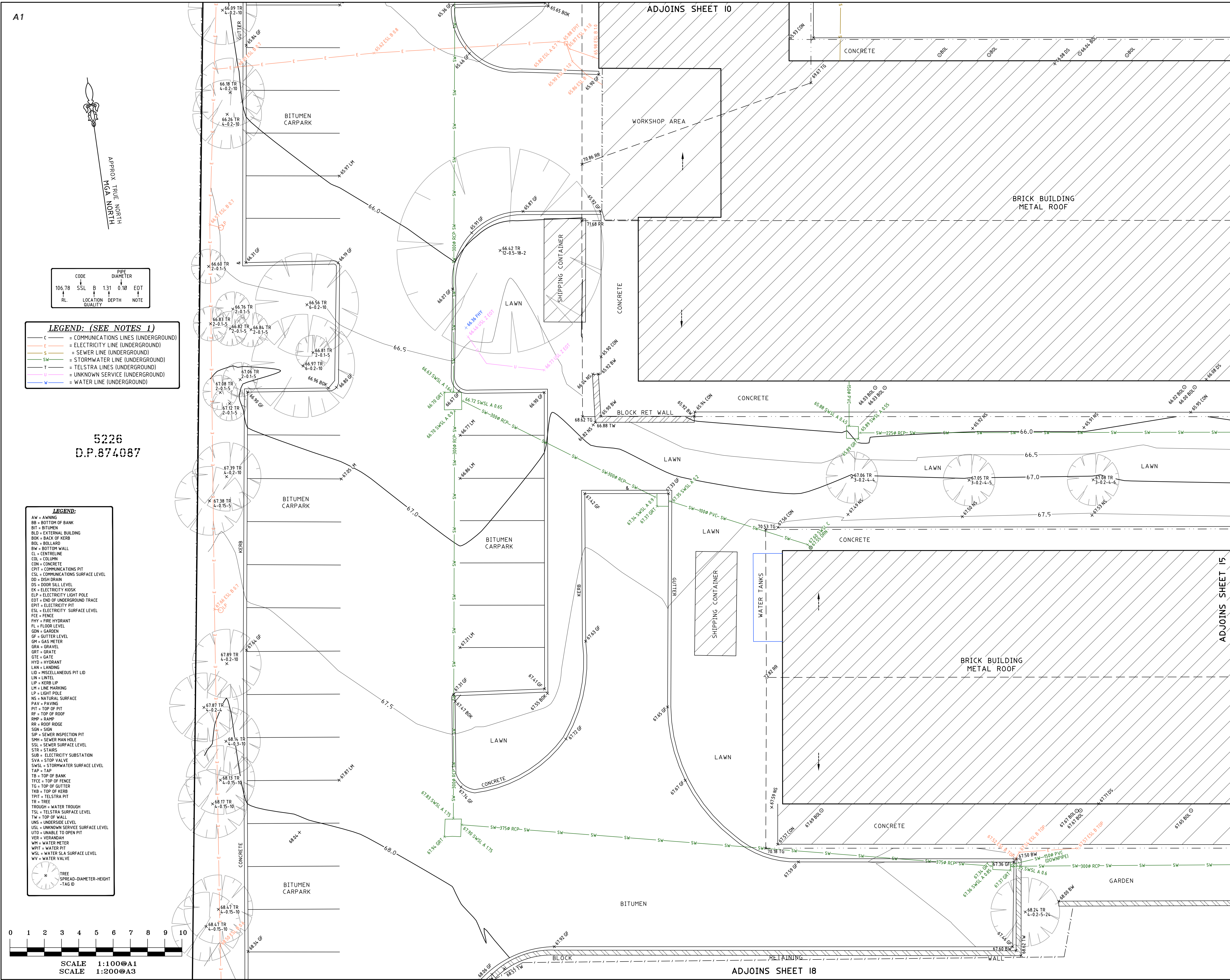
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**C.M.S. Surveyors
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ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/99A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
tocsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 13 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B	SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



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CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 10I8II & SSM 10I8I7

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 10I8I7
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
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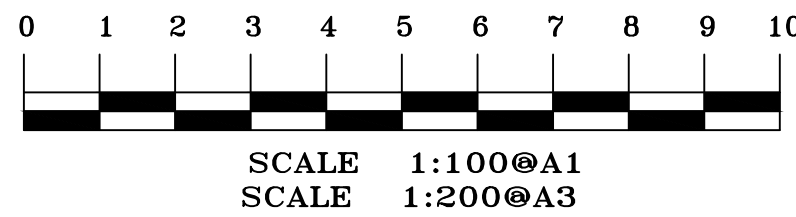
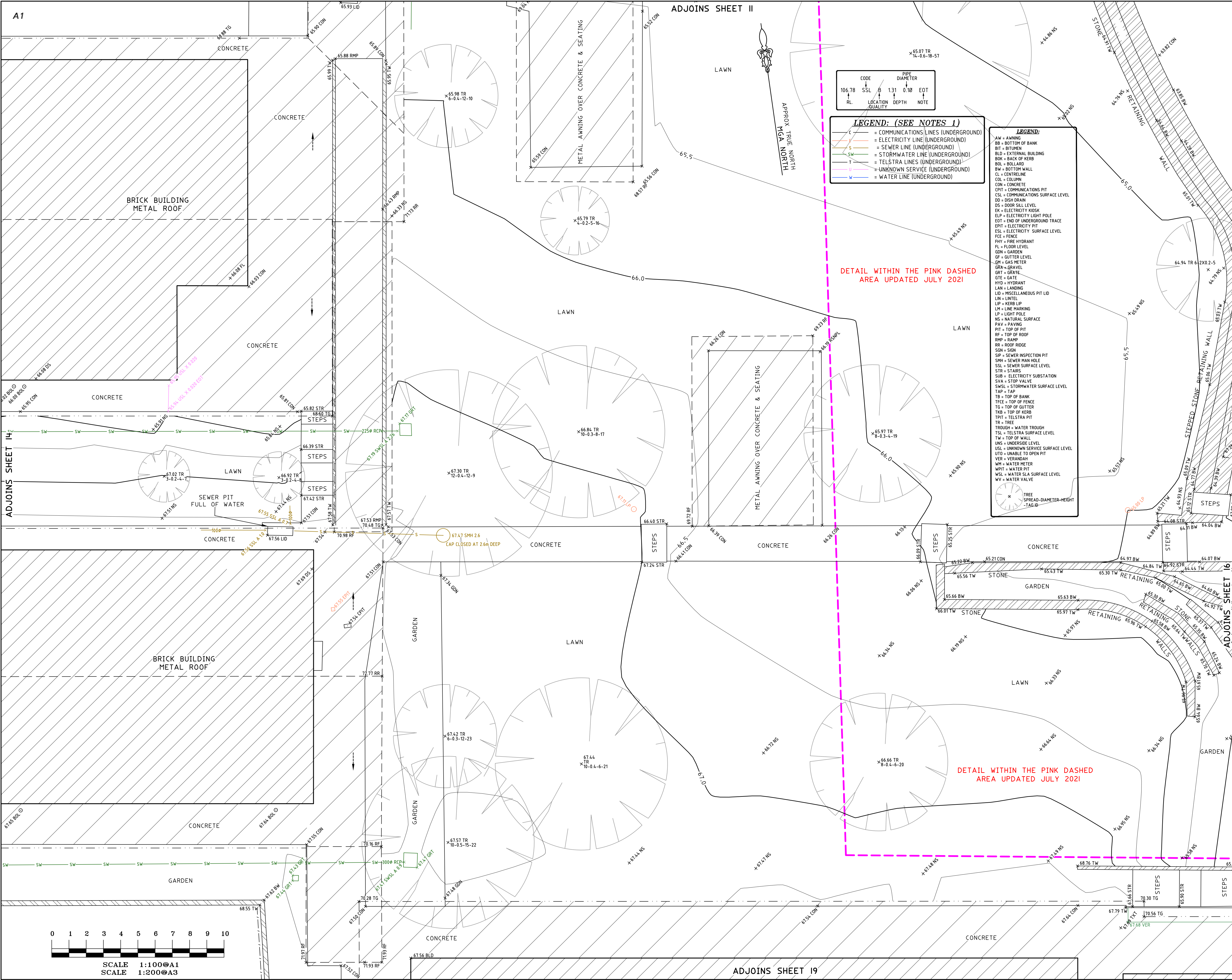
CLIENT:
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NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
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LGA: BLACKTOWN		SHEET 14 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B	SCALE 1:100 @ A1 1:200 @ A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



CODE	PIPE
106.78	SSL
RL	LOCATION
	QUALITY
	DEPTH
	NOTE

LEGEND: (SEE NOTES 1)	
—	= COMMUNICATIONS LINES (UNDERGROUND)
—	= ELECTRICITY LINE (UNDERGROUND)
—	= SEWER LINE (UNDERGROUND)
—	= STORMWATER LINE (UNDERGROUND)
—	= TELSTRA LINES (UNDERGROUND)
—	= UNKNOWN SERVICE (UNDERGROUND)
—	= WATER LINE (UNDERGROUND)

LEGEND:	
AW	= AWNING
BB	= BOTTOM OF BANK
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BLD	= EXTERNAL BUILDING
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BOL	= BOLLARD
BW	= BOTTOM WALL
CL	= CENTRELINE
COL	= COLUMN
CON	= CONCRETE
CPT	= COMMUNICATIONS PIT
CSL	= COMMUNICATIONS SURFACE LEVEL
DD	= DISH DRAIN
DS	= DOOR SILL LEVEL
EA	= ELECTRICITY MUXK
ELP	= ELECTRICITY LIGHT POLE
EOT	= END OF UNDERGROUND TRACE
EPIT	= ELECTRICITY PIT
ESL	= ELECTRICITY SURFACE LEVEL
FCE	= FENCE
FHY	= FIRE HYDRANT
FL	= FLOOR LEVEL
GDN	= GARDEN
GP	= GUTTER LEVEL
GM	= GAS METER
GRA	= GRAVEL
GRT	= GRATE
GTE	= GATE
HYD	= HYDRANT
LAN	= LANDING
LID	= MISCELLANEOUS PIT LID
LN	= LINTEL
LIP	= KERB LIP
LM	= LINE MARKING
LP	= LIGHT POLE
NS	= NATURAL SURFACE
PAV	= PAVING
PIT	= TOP OF PIT
RF	= TOP OF ROOF
RMP	= RAMP
RR	= ROOF RIDGE
SDN	= SIGN
SIP	= SEWER INSPECTION PIT
SMH	= SEWER MAN HOLE
SSL	= SEWER SURFACE LEVEL
STR	= STAIRS
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SVA	= STOP VALVE
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TGB	= TOP OF KERB
TPIT	= TELSTRA PIT
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TROUGH	= WATER TROUGH
TSL	= TELSTRA SURFACE LEVEL
TW	= TOP OF WALL
UNS	= UNDERSIDE LEVEL
USL	= UNKNOWN SERVICE SURFACE LEVEL
UTO	= UNABLE TO OPEN PIT
VER	= VERANDAH
WM	= WATER METER
WPIT	= WATER PIT
WSL	= WATER SLA SURFACE LEVEL
WV	= WATER VALVE



TREE
SPREAD-DIAMETER-HEIGHT
-TAG-ID

DETAIL WITHIN THE PINK DASHED
AREA UPDATED JULY 2021

DETAIL WITHIN THE PINK DASHED
AREA UPDATED JULY 2021

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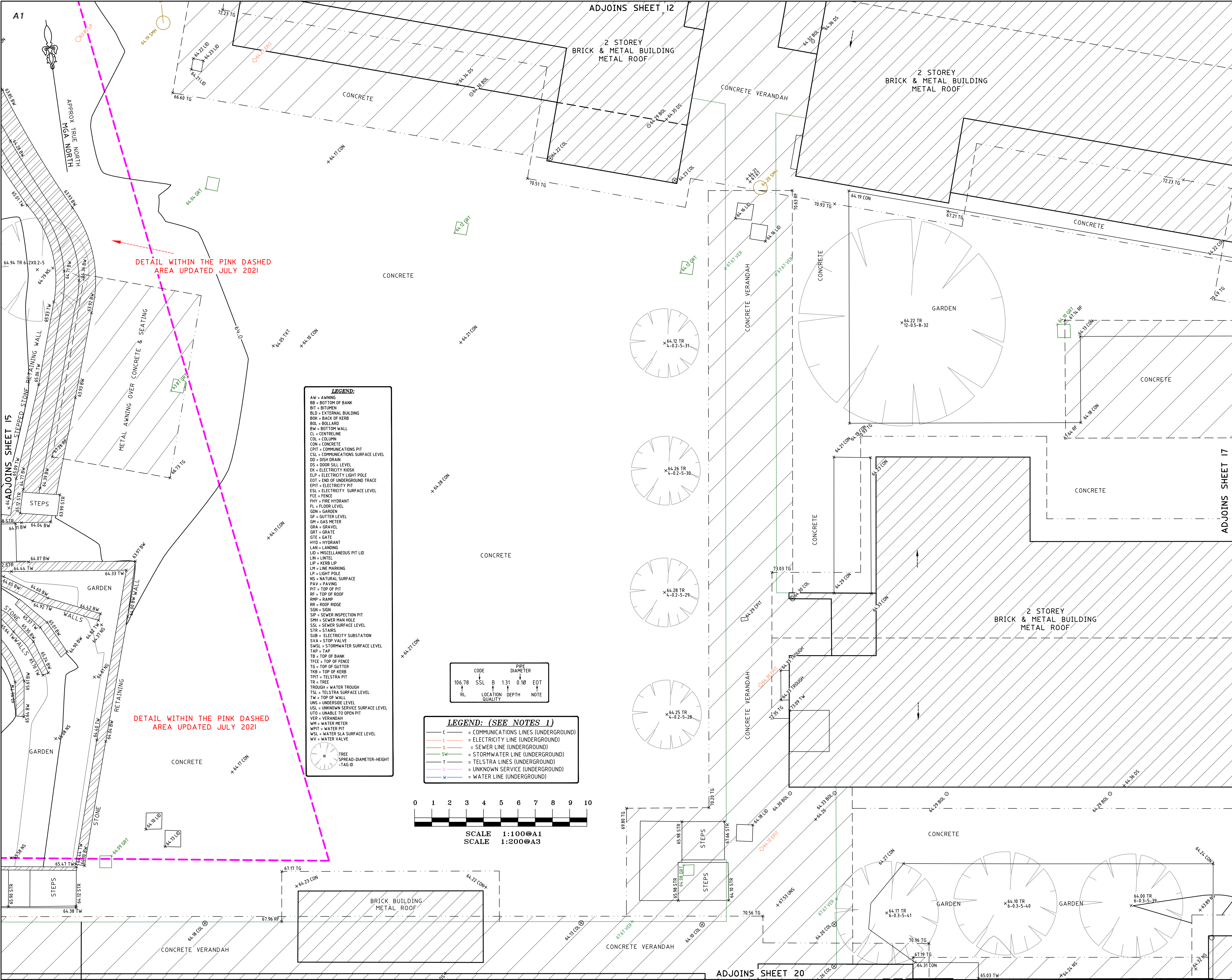
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HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817
VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

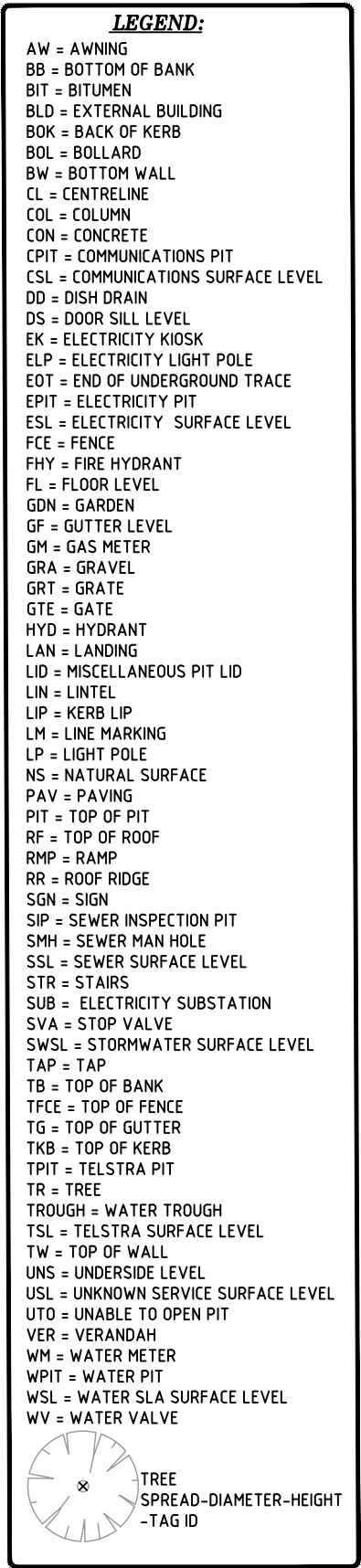
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2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
**SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060**

**SURVEY PLAN
SHOWING DETAIL, LEVELS &
UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768**

**C.M.S. Surveyors
Pty Limited**
ACN: 096 240 201
PO Box 463 Dee Why
NSW 2099
2/90A South Creek Road,
Dee Why NSW 2099
Telephone: (02) 9971 4802
Facsimile: (02) 9971 4822
E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 16 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B	SCALE 1:100 @ A1 1:200 @ A3	DATE OF SURVEY 6-10/07/20,5/6/21	
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



LGA: BLACKTOWN			SHEET 17 of 2		
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR		
SURVEY INSTRUCTION 17713B		SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21		
DRAWING NAME 17713Bdetail				ISSUE 3	
CAD FILE 17713Bdetail_3.dwg					

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— S —	= SEWER LINE (UNDERGROUND)
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LEGEND:

AW = AWNING
BB = BOTTOM OF BANK
BIT = BITUMEN
BLD = EXTERNAL BUILDING
BOK = BACK OF KERB
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CSL = COMMUNICATIONS SURFACE LEVEL
DD = DISH DRAIN
DS = DOOR SILL LEVEL
EK = ELECTRICITY KIOSK
ELP = ELECTRICITY LIGHT POLE
EOT = END OF UNDERGROUND TRACE
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SURFACE LEVEL
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
GDN = GARDEN
GF = GUTTER LEVEL
GM = GAS METER
GRA = GRAVEL
GR1 = GRATE
GTE = GATE
HYD = HYDRANT
LAN = LANDING
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = KERB LIP
LM = LINE MARKING
LP = LIGHT POLE
NS = NATURAL SURFACE
PAY = PAVING
PIT = TOP OF PIT
RF = TOP OF ROOF
RMP = RAMP
RR = ROOF RIDGE
SGN = SIGN
SIP = SEWER INSPECTION PIT
SMH = SEWER MAN HOLE
SSL = SEWER SURFACE LEVEL
STR = STAIRS
SUB = ELECTRICITY SUBSTATION
SVA = STOP VALVE
SWSL = STORMWATER SURFACE LEVEL
TAP = TAP
TB = TOP OF BANK
TEE = TOP OF FENCE
TG = TOP OF GUTTER
TKB = TOP OF KERB
TPIT = TELSTRA PIT
TR = TREE
TROU = WATER TROUGH
TSL = TELSTRA SURFACE LEVEL
TW = TOP OF WALL
UNS = UNDERSIDE LEVEL
USL = UNKNOWN SERVICE SURFACE LEVEL
UTO = UNABLE TO OPEN PIT
VER = VERANDAH
WM = WATER METER
WPIT = WATER PIT
WSL = WATER SLA SURFACE LEVEL
WV = WATER VALVE

TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID

"SEE SHEET 1 FOR EXTRA
LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

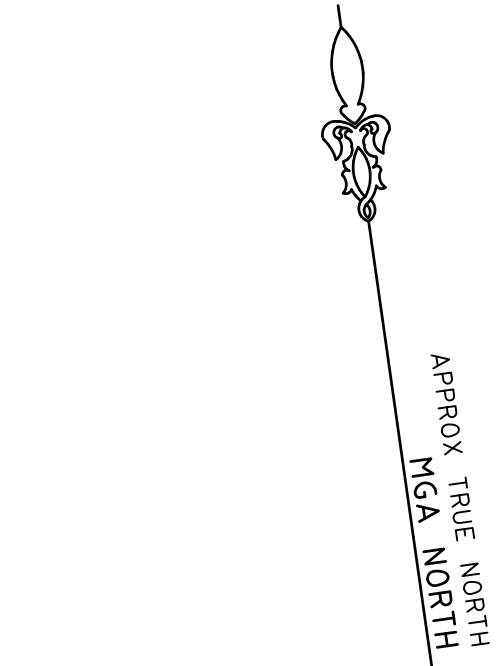
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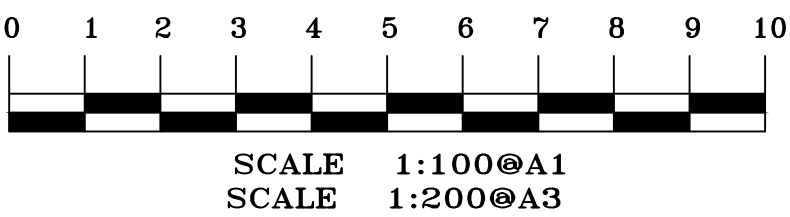
LGA: BLACKTOWN		SHEET 18 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17713B		SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21
DRAWING NAME 17713Bdetail			ISSUE 3
CAD FILE 17713Bdetail 3.dwg			



5226
D.P.874087

CODE	PIPE DIAMETER	NOTE
106.78	SSL B 1.31	EOT
RL	LOCATION	DEPTH
	QUALITY	

LEGEND: (SEE NOTES 1)	
C	= COMMUNICATIONS LINES (UNDERGROUND)
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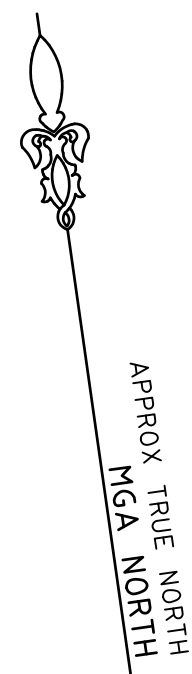


A1

LEGEND:

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TREE
SPREAD-DIAMETER-HEIGHT
-TAG ID



ADJOINS SHEET 15

2 STOREY
BRICK & METAL BUILDING
METAL ROOF

CONCRETE

PAVED

GARDEN

GARDEN

METAL

CONCRETE

FENCE

DROP-OFF

BAY

BITUMEN
CARPARK

GARDEN

CONCRETE

LAWN

CONCRETE

PATH

VEHICLE CROSSING

LAWN

PATH

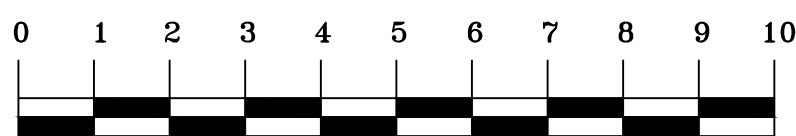
BENCH MARK
NAIL IN KERB
E 308 833.024
N 6 265 501.979
RL 67.83 (AHD)

- TITLE INDICATES THAT LOT 5227 IN D.P.868693 IS SUBJECT TO:
- (A) - 3/5922 RIGHT OF WAY APPURTENANT TO THE PART(S) SHOWN SO BENEFITED IN THE TITLE DIAGRAM
 - (B) - DP862902 RESTRICTION(S) ON THE USE OF LAND (NOT INVESTIGATED)
 - (C) - DP868693 EASEMENT TO DRAIN WATER 2.5 WIDE AND VARIABLE AFFECTING THE PART(S) SHOWN SO BURDENED IN THE TITLE DIAGRAM
 - (D) - DP108312 EASEMENT FOR PADMOUNT SUBSTATION 2.75 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP108312
 - (E) - DP108312 EASEMENT FOR UNDERGROUND CABLES 1 METRE(S) WIDE AFFECTING THE PART(S) SHOWN SO BURDENED IN DP108312
 - (F) - DP108312 RESTRICTION(S) ON THE USE OF LAND

FORMAN

(BITUMEN FORMATION)

AVENUE



SCALE 1:100@A1
SCALE 1:200@A3

LEGEND: (SEE NOTES 1)

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CODE
RL
SSL
LOCATION
QUALITY

PIPE
DIAMETER
B 1.31
DEPTH
0.10
EOT
NOTE

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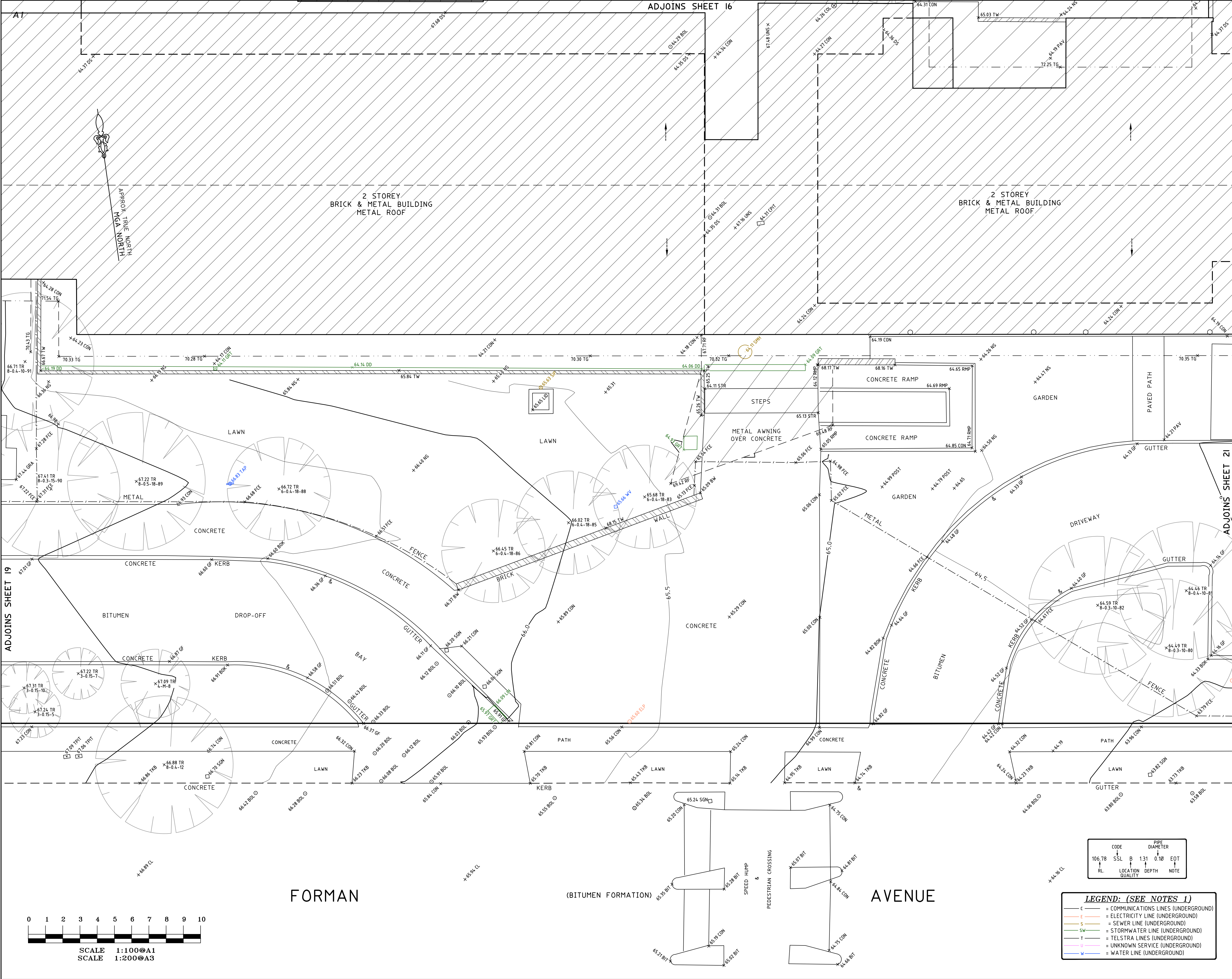
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LGA: BLACKTOWN				SHEET 19 OF 21			
SURVEYED ME,HC		DRAWN GP,ABS		CHECKED ME,HC		APPROVED AF/DR	
SURVEY INSTRUCTION 17713B		SCALE 1:100 @ A1 1:200 @ A3		DATE OF SURVEY 6-10/07/20,5/6/21			
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MARKS ADOPTED: SSM 10I8II & SSM 10I8I7

VERTICAL DATUM:

DATUM: AUSTRALIAN HEIGHT DATUM (AHD)

B.M. ADOPTED: SSM 10I8I7

R.L. 62.228 (CLASS B)

SOURCE: S.C.I.M.S. (02/07/2020)

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SURVEY PLAN

SHOWING DETAIL, LEVELS & UNDERGROUND SERVICES

OVER LOT 5227 IN DP868693

GLENWOOD HIGH SCHOOL

GLENWOOD PARK DRIVE & FORMAN AVENUE

GLENWOOD, NSW, 2768

C.M.S. Surveyors Pty Limited

ACN: 096 240 201

PO Box 463 Dee Why NSW 2099

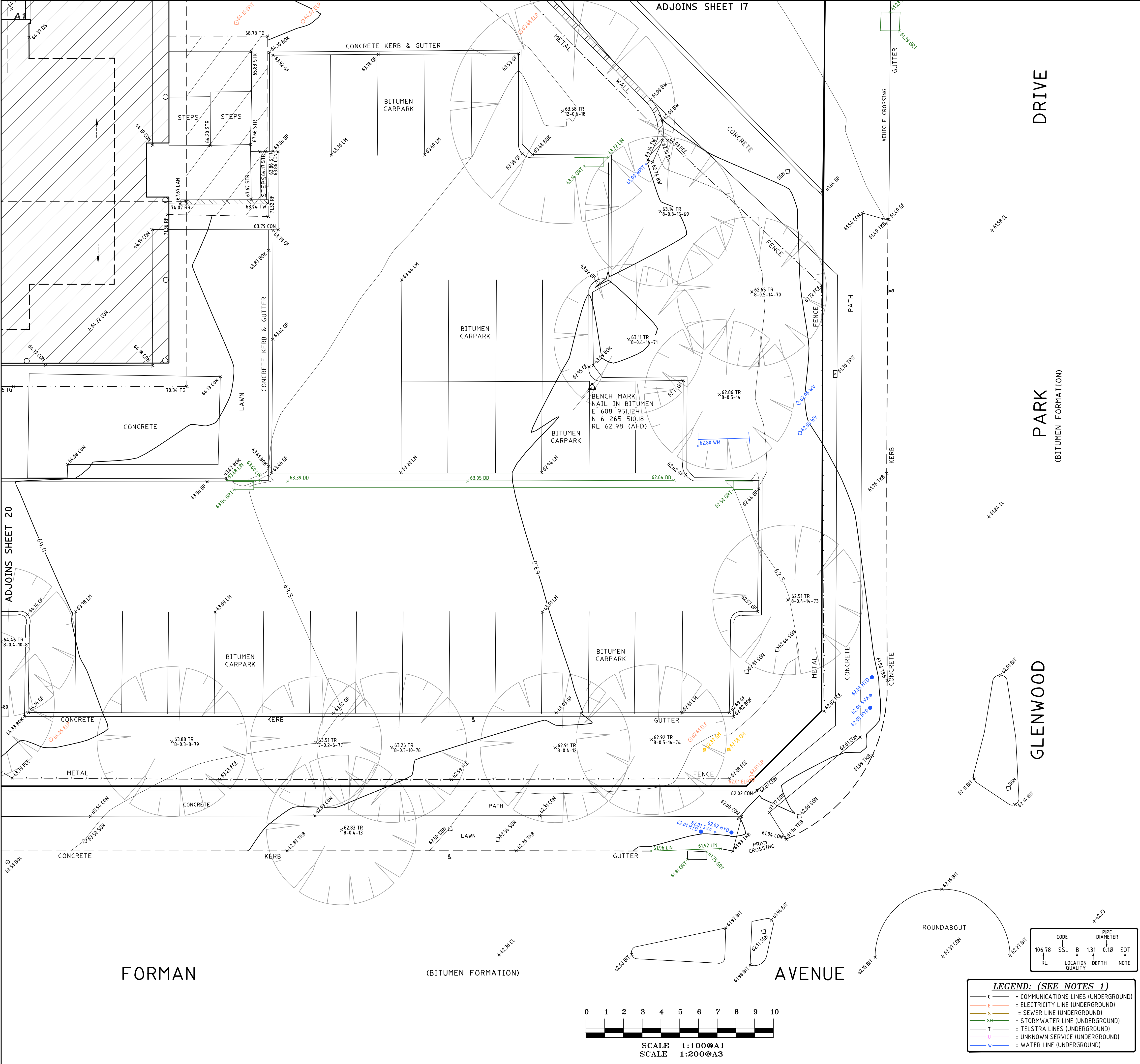
2/99A South Creek Road, Dee Why NSW 2099

Telephone: (02) 9971 4802

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E-mail: info@cmsurveyors.com.au

LGA: BLACKTOWN		SHEET 20 OF 21	
SURVEYED ME,HC	DRAWN GP,ABS	CHECKED ME,HC	APPROVED AF/DR
SURVEY INSTRUCTION 17719B	SCALE 1:100 A1 1:200 A3	DATE OF SURVEY 6-10/07/20,5/6/21	DRAWING NAME 17719Bdetail
CAD FILE 17719Bdetail 3.dwg			ISSUE 3



NOTES

- A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR COUNCIL DA SUBMISSION (TITLE DIMENSIONS ONLY).
- IF CONSTRUCTION ON OR NEAR BOUNDARIES IS REQUIRED IT IS RECOMMENDED THAT THE BOUNDARIES OF THE LAND BE MARKED.
- AREA IS APPROXIMATE ONLY AND HAS BEEN CALCULATED BY TITLE DIMENSIONS. ALL TITLE DIMENSIONS OF THE LAND HAVE NOT BEEN CONFIRMED BY SURVEY. IF AREAS ARE CRITICAL WE RECOMMEND A BOUNDARY SURVEY FOR PUBLIC RECORD.
- THIS SURVEY IS FOR DESIGN PURPOSES OF THE SUBJECT LAND ONLY. THIS PLAN MUST NOT BE USED FOR ANY OTHER MATTER, PURPOSE OR CONSTRUCTION SETOUT.
- TREE SIZES ARE ESTIMATES ONLY.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF SCHOOLS INFRASTRUCTURE NSW DEPARTMENT OF EDUCATION.
- 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. UNDERGROUND SERVICES HAVE NOT BEEN LOCATED. DIAL BEFORE YOU DIG SERVICES (ph 1100) 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.
- 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.
- THIS PLAN HAS BEEN PREPARED UNDER THE SUPERVISION OF REGISTERED SURVEYOR S B McEVROY, BOSSI NUMBER 265.
- COPYRIGHT © CMS SURVEYORS 2021.
- 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.
- ANY PERMITTED DOWNLOADING, ELECTRONIC STORAGE, DISPLAY, PRINT, COPY OR REPRODUCTION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.
- THIS NOTICE MUST NOT BE ERASED.

"SEE SHEET 1 FOR EXTRA LEGEND & NOTES"

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA (GDA2020)
MARKS ADOPTED: SSM 101811 & SSM 101817

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 101817
R.L. 62.228 (CLASS B)
SOURCE: S.C.I.M.S. (02/07/2020)

NO	DESCRIPTION	DATE
3	TREE REMOVED (SHEET 12 & 13)	10/09/2021
2	DETAIL UPDATE AREA OUTLINED IN PINK	7/07/2021
1	FIRST ISSUE	31/07/2020

CLIENT:
SCHOOLS INFRASTRUCTURE
NSW DEPARTMENT OF EDUCATION
C/-JACOBS, LEVEL 5,
177 PACIFIC HIGHWAY,
NORTH SYDNEY, NSW, 2060

SURVEY PLAN
SHOWING DETAIL, LEVELS & UNDERGROUND SERVICES
OVER LOT 5227 IN DP868693
GLENWOOD HIGH SCHOOL
GLENWOOD PARK DRIVE
& FORMAN AVENUE
GLENWOOD, NSW, 2768

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

LGA: BLACKTOWN SHEET 21 OF 21

SURVEYED	DRAWN	CHECKED	APPROVED
ME,HC	GP,ABS	ME,HC	AF/DR

SURVEY INSTRUCTION 17713B SCALE 1:100 @ A1 1:200 @ A3 DATE OF SURVEY 6-10/07/20,5/6/21

DRAWING NAME 17713Bdetail ISSUE 3

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