
Appendix T

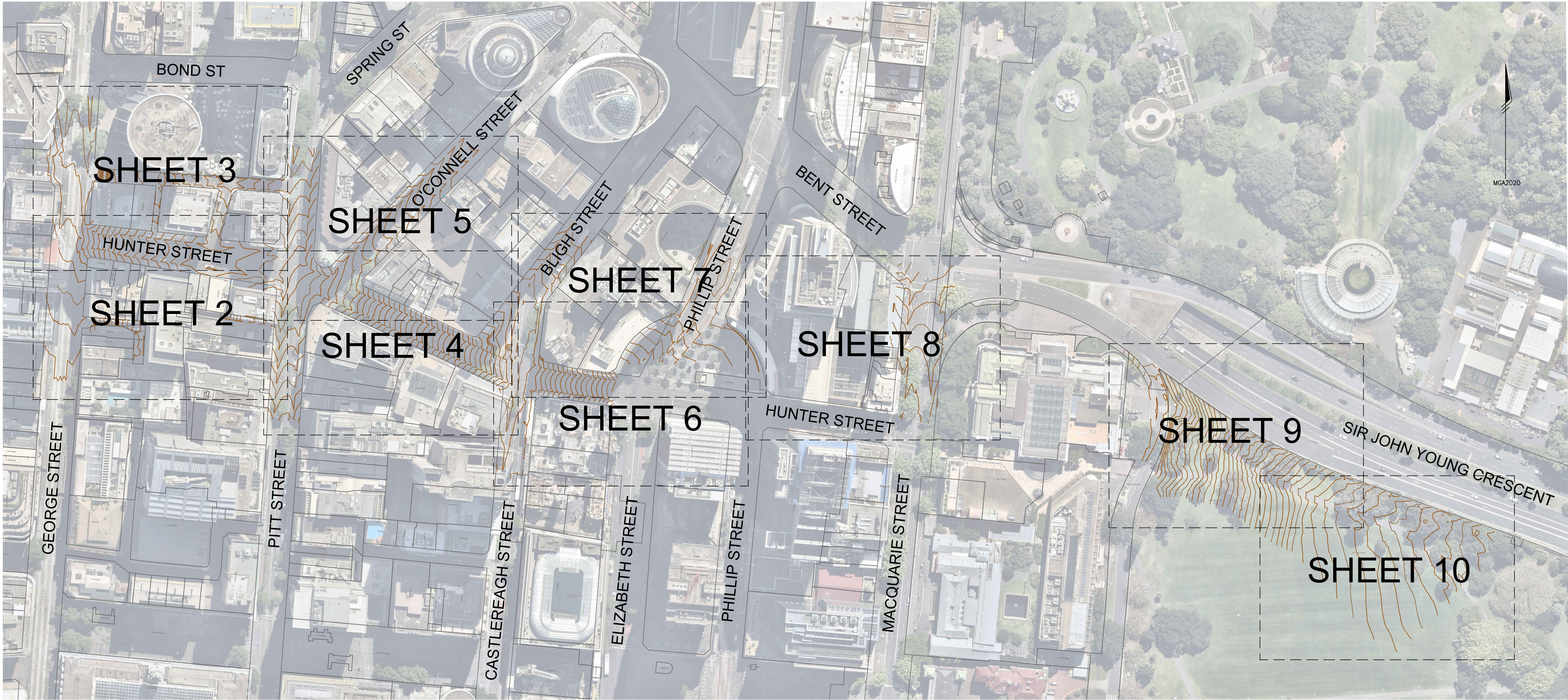
Site Survey

EXPLANATORY NOTES:

1. THIS MODEL SHOULD BE VIEWED IN A CAD ENVIRONMENT TO INTERPRET THE 3D INFORMATION.
2. ANY ELECTRONIC FILE IS PROVIDED WITHOUT WARRANTY AND SHOULD BE USED ONLY IN CONJUNCTION WITH THE SUPPLIED PDF/IMAGE COPY OF THIS PLAN.
3. THESE NOTES ARE AN INTEGRAL PART OF THE DIGITAL DATA FILE AND SHOULD BE READ WITH THE DATA FILE AND MUST NOT BE REMOVED FROM THE DATA FILE.
4. NO INVESTIGATION OF UNDERGROUND SERVICES HAS BEEN MADE.
5. IT REMAINS THE RESPONSIBILITY OF THOSE CONDUCTING PHYSICAL WORKS TO ENSURE AN UP-TO-DATE VERSION OF DIAL BEFORE YOU DIG PLANS IS CONSULTED AND AVAILABLE ON SITE.
6. ALL UTILITIES SHOULD TO BE POTHOLED TO VERIFY LOCATION AND DEPTH.
7. THIS SURVEY PLAN REPRESENTS THE LOCATION OF FEATURES THAT WERE ACCESSIBLE AT THE TIME OF SURVEY.
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9. FOR REASONS OF PLAN PRESENTATION, NOT ALL OF THE INFORMATION CAN BE SHOWN ON THIS PLAN. PLEASE REFER TO ACCOMPANYING DIGITAL DATA FOR ALL SURVEY INFORMATION, ATTRIBUTES AND REDUCED LEVELS.

10. THIS SURVEY IS ON MGA2020 PRELIMINARY PROJECT COORDINATES AS ESTABLISHED FOR THE INVESTIGATION CORRIDOR WITH GRID DISTANCES. REDUCED LEVELS ARE BASED ON AUSTRALIAN HEIGHT DATUM (AHD71) AS ESTABLISHED BY PROJECT CONTROL.
- RPS HAS UNDERTAKEN A RIGOROUS LEAST SQUARES RE-ADJUSTMENT OF THE PRIMARY CONTROL SURVEY NETWORK (UTILISING ADJUSTED FIELD DATA) WHICH CONNECTS TO THE NSW GOVERNMENT PUBLISHED MGA2020 SCIMS VALUES FOR MARKS THAT FORM PART OF THE GREATER SYDNEY SUBSPINE NETWORK. RPS HAVE THEN INVESTIGATED THE VARIOUS MATHEMATICAL MODELS AVAILABLE FOR THE TRANSFORMATION OF DATA FROM MGA94 TO MGA2020 AND HAVE FOUND THAT:
- A) THE METHOD WHICH ALIGNS MOST CLOSELY WITH THE RE-ADJUSTED PRIMARY SURVEY CONTROL, IS A BLOCK SHIFT OF +0.461 EAST AND 1.445 NORTH (WITHIN 11MM).
- B) OTHER METHODS OF TRANSFORMATION (SEVEN-PARAMETERS, CONFORMAL GRID, AND CONFORMAL + DISTORTION GRID) RESULT IN DIFFERENCES OF UP TO 44MM.
11. BOUNDARIES HAVE BEEN TAKEN FROM NSW DIGITAL CADASTRAL DATABASE (DCDB) AND HAVE NOT BEEN VERIFIED BY SURVEY, AND ARE FOR CONTEXT PURPOSES ONLY. NO INVESTIGATION OF LAND TITLES HAS BEEN CONDUCTED.
12. CONTOURS ARE AN INDICATION OF LANDFORM AND SHOULD NOT BE TAKEN IN PREFERENCE TO SPOT LEVELS SHOWN.
13. CONTOUR INTERVAL SHOWN IS 1.0 MAJOR AND 0.25 MINOR.
14. BUILDING FOOTPRINTS SHOWN ARE AT GROUND LEVEL. FOOTPRINTS MAY DIFFER AT OTHER LEVELS.

15. ADJOINING BUILDINGS HAVE BEEN SURVEYED WHERE VISIBLE FROM INSIDE THE SURVEY SITE. BUILDINGS WITHIN 1 METRE OF THE APPROXIMATE BOUNDARY AND ACCESSIBLE AT THE TIME OF SURVEY HAVE BEEN LOCATED. IF CRITICAL TO DESIGN, RPS RECOMMEND FURTHER SURVEY WORK TO LOCATE ADJOINING BUILDINGS.
16. ONLY SIGNIFICANT TREES ON THE SUBJECT SITE WITH A TRUNK DIAMETER OF 300mm OR GREATER HAVE BEEN SURVEYED. SMALLER TREES AND SHRUBS EXIST ON SITE. NO TREE TAGS HAVE BEEN PLACED. APPROXIMATE TRUNK, SPREAD AND HEIGHT OF TREES ARE SHOWN ADJACENT TO THE TREE LOCATION.
17. NO ABOVE GROUND SERVICES OR ASSETS, SUCH AS OVERHEAD WIRES OR AWNINGS HAVE BEEN LOCATED AS PART OF THIS SURVEY.
18. SURFACE UTILITY ASSETS HAVE NOT BEEN LOCATED WITHIN THE ROAD CARRIAGEWAY AREA AS PART OF THIS PLAN, WITH THE EXCEPTION OF DE MESTRE PLACE AND HOSPITAL ROAD.



- PUBLIC UTILITY LEGEND**
- E ELEC**
- CABLE JUNCTION BOX (PEJB)
 - CABLE MANHOLE (PEMH)
 - DISTRIBUTION FUSE POINT
 - POLE - LIGHT (PLPL)
 - SUSPENDED LIGHT (PLSU)
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 - BOTTOM OF BANK
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REVISIONS				NOTES			
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B	10.01.2022	BUILDING PARAPETS ADDED	LB	TP	SFG		
A	14.10.2021	INITIAL ISSUE	LB	GS	SFG		

■ HORIZ. SCALE:	■ VERT. SCALE:
1:1250 @ A1	@ A1
■ COORDINATES: MGA2020 PRELIMINARY PROJECT CONTROL	■ DATUM: AHD PRELIMINARY PROJECT CONTROL
■ ORIGIN: 25 12.5 0 25 50 75	■ ORIGIN: 25 12.5 0 25 50 75

EXPLANATORY NOTES & LEGEND ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

CLIENT: NSW GOVERNMENT	DATE OF SURVEY: AUG 2021
SURVEY: RPS	DATE OF PLAN: 14.10.2021
DRAWN: LMB	DATE LAST SAVED: 10.01.2022
CHECKED: GS	DATE APPROVED: 14.10.2021
APPROVED: SFG	

TITLE: SMW DETAILED SITE SURVEY - HUNTER STREET STATION	JOB No: PR142446-239	ISSUE: B20
DRAWING No: SMWSDS-RPS-HST-SR-DWG-000557-B(G2020).dwg	SHEET 1 OF 10 SHEETS	SIZE: A1



REVISIONS

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A	14.10.2021	INITIAL ISSUE	LB	GS	SFG

HORIZ. SCALE: 1:200 @ A1

VERT. SCALE: @ A1

COORDINATES: MGA2020

DATUM: AHD PRELIMINARY PROJECT CONTROL

ORIGIN: PRELIMINARY PROJECT CONTROL

ORIGIN: PRELIMINARY PROJECT CONTROL

SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

EXPLANATORY NOTES & LEGEND ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

CLIENT: NSW GOVERNMENT

SYDNEY METRO

SURVEY: RPS

DRAWN: LMB

CHECKED: GS

APPROVED: SFG

DATE OF SURVEY: AUG 2021

DATE OF PLAN: 14.10.2021

DATE LAST SAVED: 10.01.2022

DATE APPROVED: 14.10.2021

TITLE

SMW DETAILED SITE SURVEY - HUNTER STREET STATION

DRAWING No

SMWSDS-RPS-HST-SR-DWG-000557-B(G2020).dwg

JOB No

PR142446-239

ISSUE

B20

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SHEET 3 OF 10 SHEETS

SIZE A1

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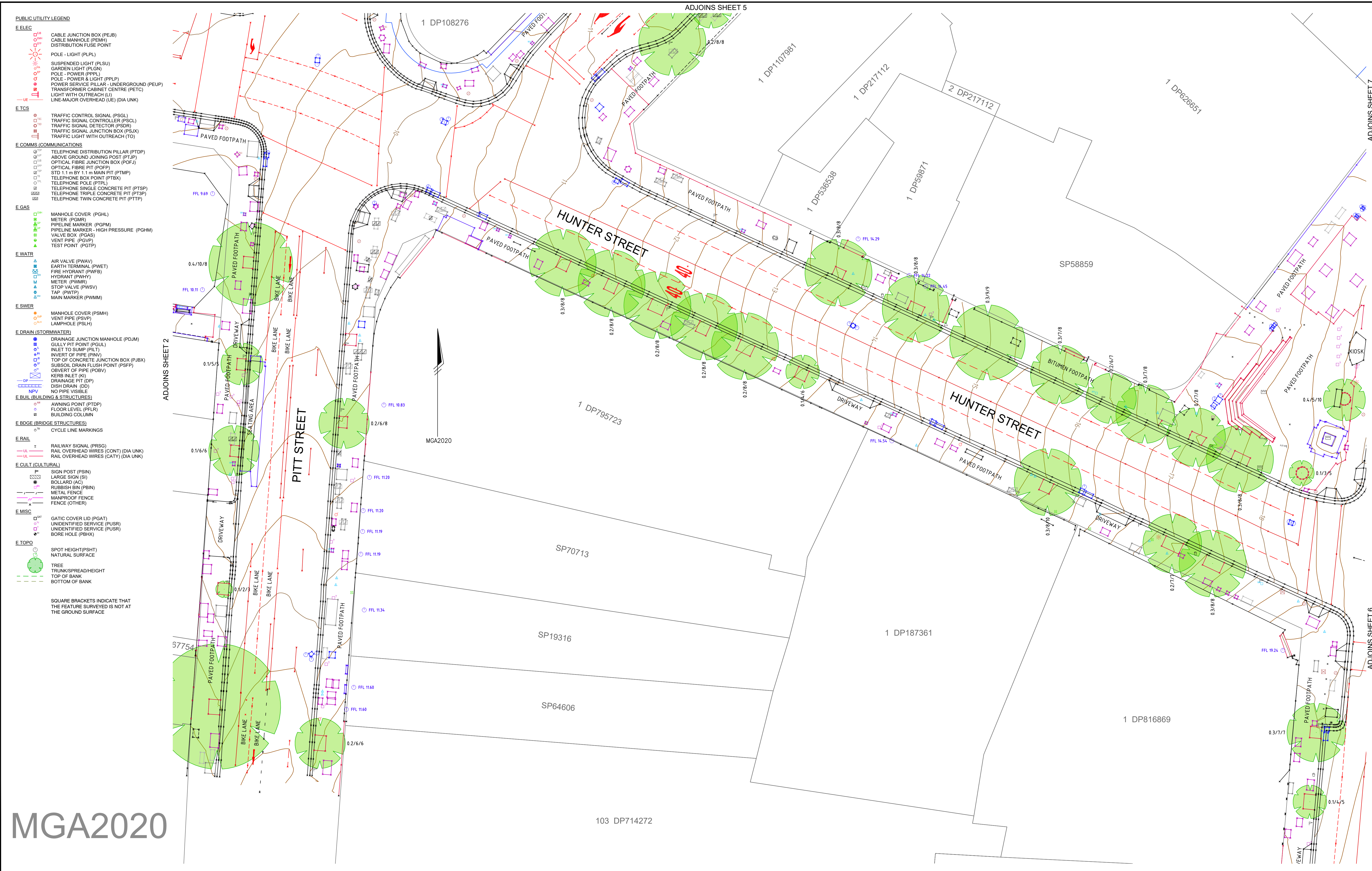
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MGA2020

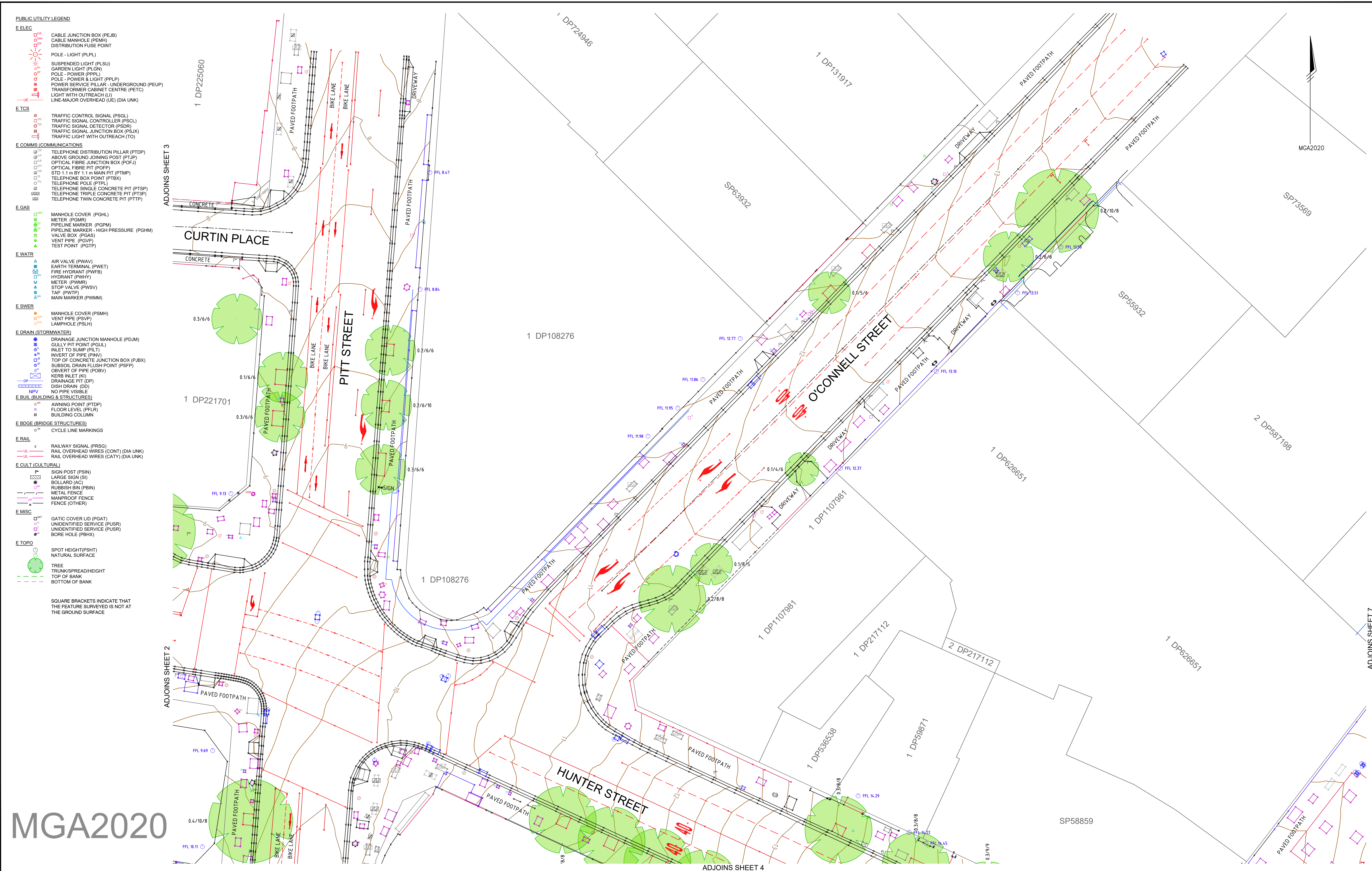
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HORIZ. SCALE: 1:200 @ A1		VERT. SCALE: @ A1	
COORDINATES: MGA2020		DATUM: AHD	
ORIGIN: PRELIMINARY PROJECT CONTROL		ORIGIN: PRELIMINARY PROJECT CONTROL	
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SCALE IN METRES AT ORIGINAL REDUCTION RATIO			

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CLIENT: NSW GOVERNMENT		DATE OF SURVEY: AUG 2021	
SURVEY: RPS		DATE OF PLAN: 14.10.2021	
DRAWN: LMB		DATE LAST SAVED: 10.01.2022	
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APPROVED: SFG			

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DRAWING No: SMWSDS-RPS-HST-SR-DWG-000557-B(G2020).dwg		ISSUE: B20	
SHEET 4 OF 10 SHEETS		SIZE: A1	



REVISIONS

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No.	DATE	REVISION DETAILS	DRAWN	CHK	APP

HORIZ. SCALE: 1:200 @ A1

VERT. SCALE: @ A1

COORDINATES: MGA2020 PRELIMINARY PROJECT CONTROL

DATUM: AHD PRELIMINARY PROJECT CONTROL

ORIGIN: LB GS

ORIGIN: LB GS

SCALE IN METRES AT ORIGINAL REDUCTION RATIO

NOTES

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CLIENT: NSW GOVERNMENT

SYDNEY METRO

SURVEY: RPS

DRAWN: LMB

CHECKED: GS

APPROVED: SFG

DATE OF SURVEY: AUG 2021

DATE OF PLAN: 14.10.2021

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TITLE: SMW DETAILED SITE SURVEY - HUNTER STREET STATION

DRAWING No: SMWSDDS-RPS-HST-SR-DWG-000557-B(G2020).dwg

JOB No: PR142446-239

ISSUE: B20

SHEET 5 OF 10 SHEETS

SIZE: A1

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B	10.01.2022	BUILDING PARAPETS ADDED	LB	TP	SFG
A	14.10.2021	INITIAL ISSUE	LB	GS	SFG
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP

HORIZ. SCALE: 1:200 @ A1

COORDINATES: MGA2020 PRELIMINARY PROJECT CONTROL

ORIGIN: 4 2 0 4 8 12

VERT. SCALE: @ A1

DATUM: AHD PRELIMINARY PROJECT CONTROL

ORIGIN: 4 2 0 4 8 12

NOTES

CLIENT: NSW GOVERNMENT

SURVEY: RPS

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DATE OF SURVEY: AUG 2021

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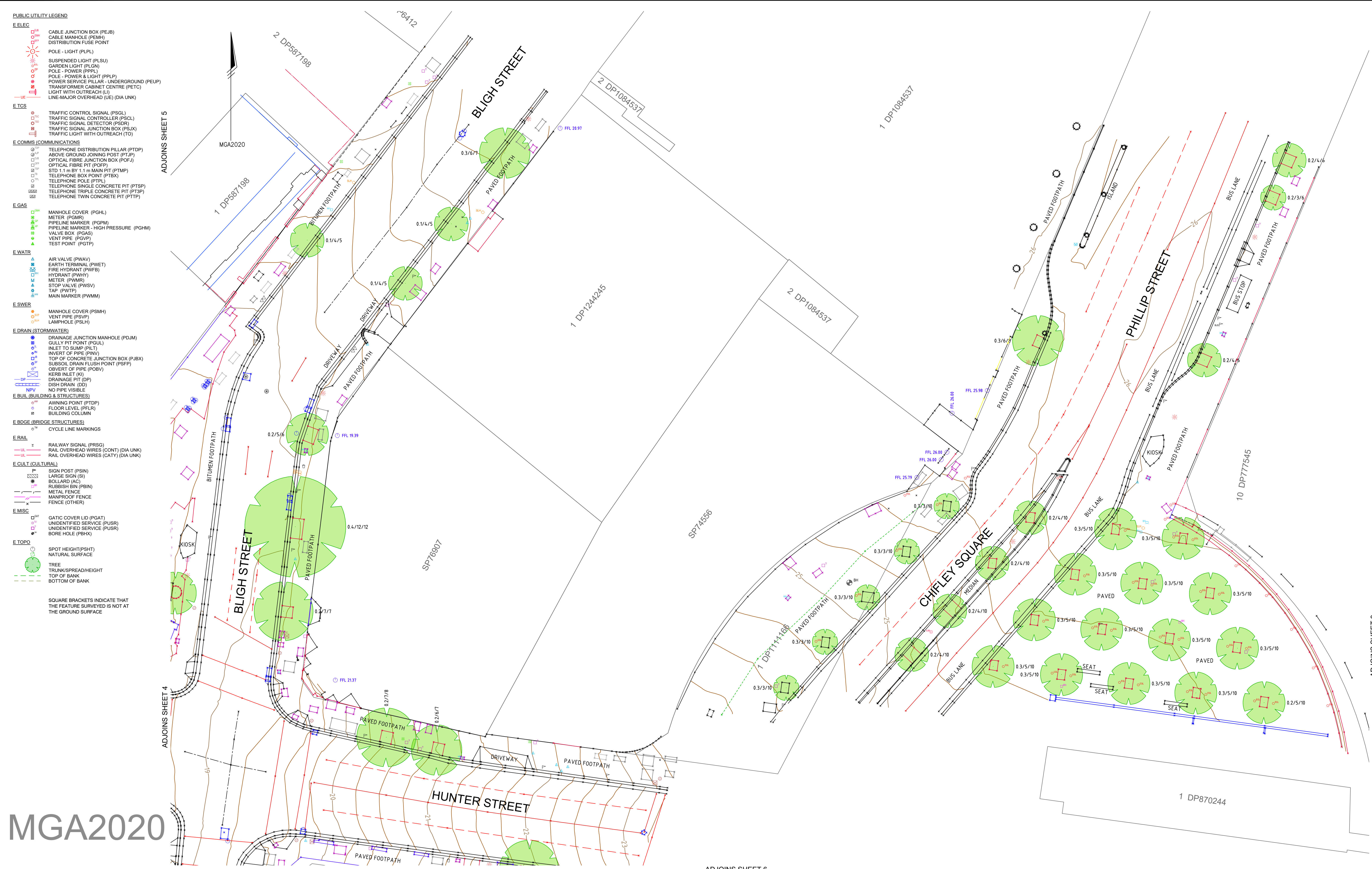
SIZE: A1

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CLIENT				
NSW	sydney	METRO		
SURVEY	RPS	DATE OF SURVEY	AUG 2021	
DRAWN	LMB	DATE OF PLAN	14.10.2021	
CHECKED	GS	DATE LAST SAVED	10.01.2022	
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TITLE				
SMW DETAILED SITE SURVEY - HUNTER STREET STATION				
DRAWING No	SMWSDS-RPS-HST-SR-DWG-000557-B(G2020).dwg			
JOB No	PR142446-239			
ISSUE	B20			
SHEET	7 OF 10 SHEETS			
SIZE	A1			



- PUBLIC UTILITY LEGEND**
- E ELEC**
- CABLE JUNCTION BOX (PEJB)
 - CABLE MANHOLE (PEMH)
 - DISTRIBUTION FUSE POINT
 - POLE - LIGHT (PLPL)
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 - GARDEN LIGHT (PLGN)
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 - TRAFFIC SIGNAL CONTROLLER (TSCCL)
 - TRAFFIC SIGNAL DETECTOR (TSDR)
 - TRAFFIC SIGNAL JUNCTION BOX (TSJX)
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MGA2020

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TITLE

SMW DETAILED SITE SURVEY - HUNTER STREET STATION

CLIENT

sydney METRO

DRAWING No

SMWSDDS-RPS-HST-SR-DWG-000557-B(G2020).dwg

JOB No

PR142446-239

ISSUE

B20

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BEFORE YOU DIG

SHEET 8 OF 10 SHEETS

SIZE

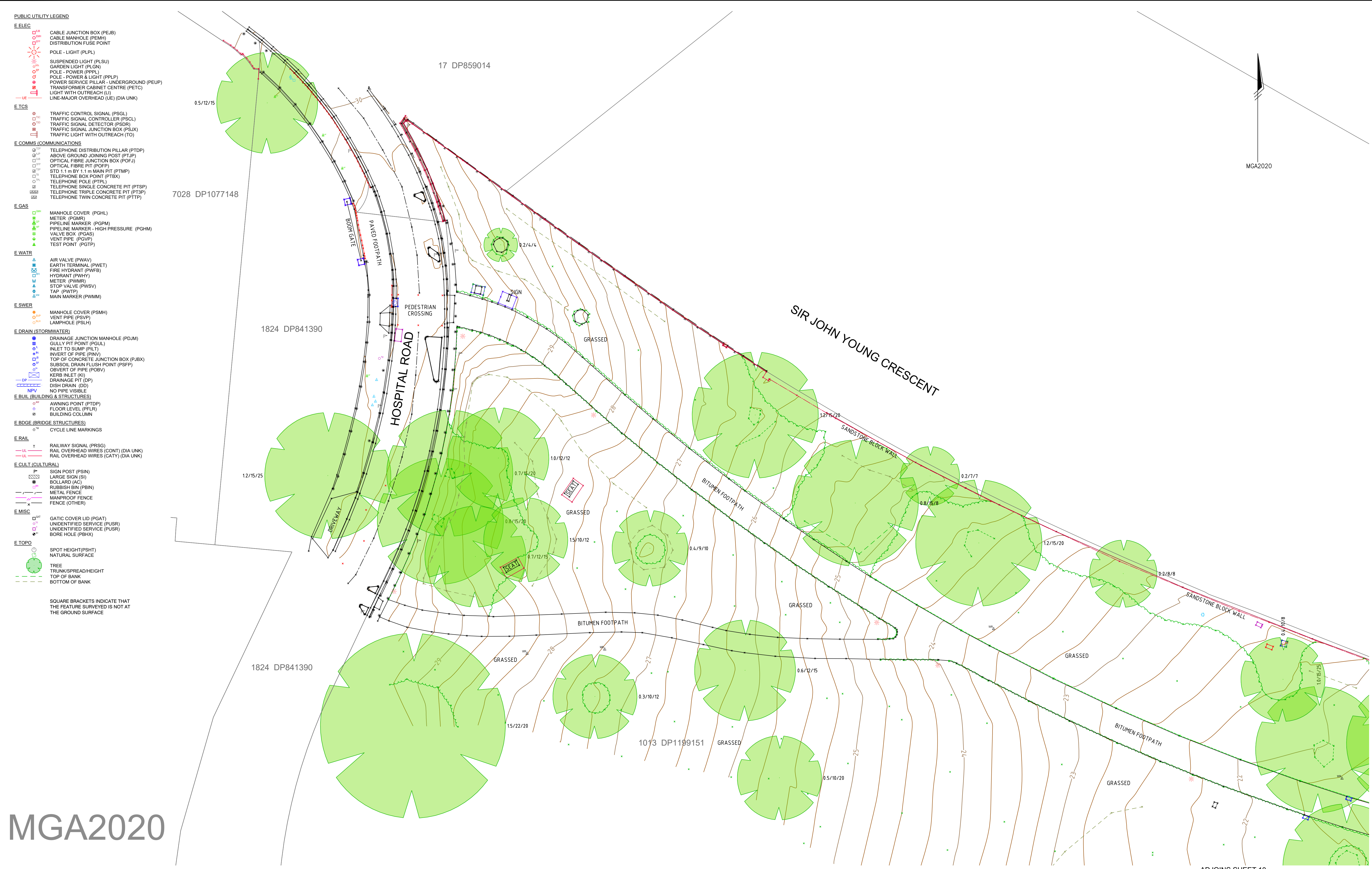
A1

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 - PIPELINE MARKER (PGPM)
 - PIPELINE MARKER - HIGH PRESSURE (PGHM)
 - VALVE BOX (PGAS)
 - VENT PIPE (PGVP)
 - TEST POINT (PGTP)
- E WATR**
- AIR VALVE (PWAV)
 - EARTH TERMINAL (PWET)
 - FIRE HYDRANT (PWFH)
 - HYDRANT (PWHY)
 - METER (PWMR)
 - STOP VALVE (PWSV)
 - TAP (PWTP)
 - MAIN MARKER (PWMM)
- E SWER**
- MANHOLE COVER (PSMH)
 - VENT PIPE (PSVP)
 - LAMPHOLE (PSLH)
- E DRAIN (STORMWATER)**
- DRAINAGE JUNCTION MANHOLE (PDJM)
 - GULLY PIT POINT (PGUL)
 - INLET TO SUMP (PLT)
 - INVERT OF PIPE (PINV)
 - TOP OF CONCRETE JUNCTION BOX (PJBX)
 - SUBSOIL DRAIN FLUSH POINT (PSFP)
 - OBVERT OF PIPE (POBV)
 - KERB INLET (KI)
 - DRAINAGE PIT (DP)
 - DISH DRAIN (DD)
 - NO PIPE VISIBLE
- E BUIL (BUILDING & STRUCTURES)**
- AWNING POINT (PTDP)
 - FLOOR LEVEL (PFLR)
 - BUILDING COLUMN
- E BDGE (BRIDGE STRUCTURES)**
- CYCLE LINE MARKINGS
- E RAIL**
- RAILWAY SIGNAL (PRSG)
 - RAIL OVERHEAD WIRES (CONT) (DIA UNK)
 - RAIL OVERHEAD WIRES (CATY) (DIA UNK)
- E CULT (CULTURAL)**
- SIGN POST (PSIN)
 - LARGE SIGN (SI)
 - BOLLARD (AC)
 - RUBBISH BIN (PBIN)
 - METAL FENCE
 - MANPROOF FENCE
 - FENCE (OTHER)
- E MISC**
- GATIC COVER LID (PGAT)
 - UNIDENTIFIED SERVICE (PUSR)
 - UNIDENTIFIED SERVICE (PUSR)
 - BORE HOLE (PBHX)
- E TOPO**
- SPOT HEIGHT (PSHT)
 - NATURAL SURFACE
 - TREE
 - TRUNK/SPREAD/HEIGHT
 - TOP OF BANK
 - BOTTOM OF BANK
- SQUARE BRACKETS INDICATE THAT THE FEATURE SURVEYED IS NOT AT THE GROUND SURFACE

MGA2020

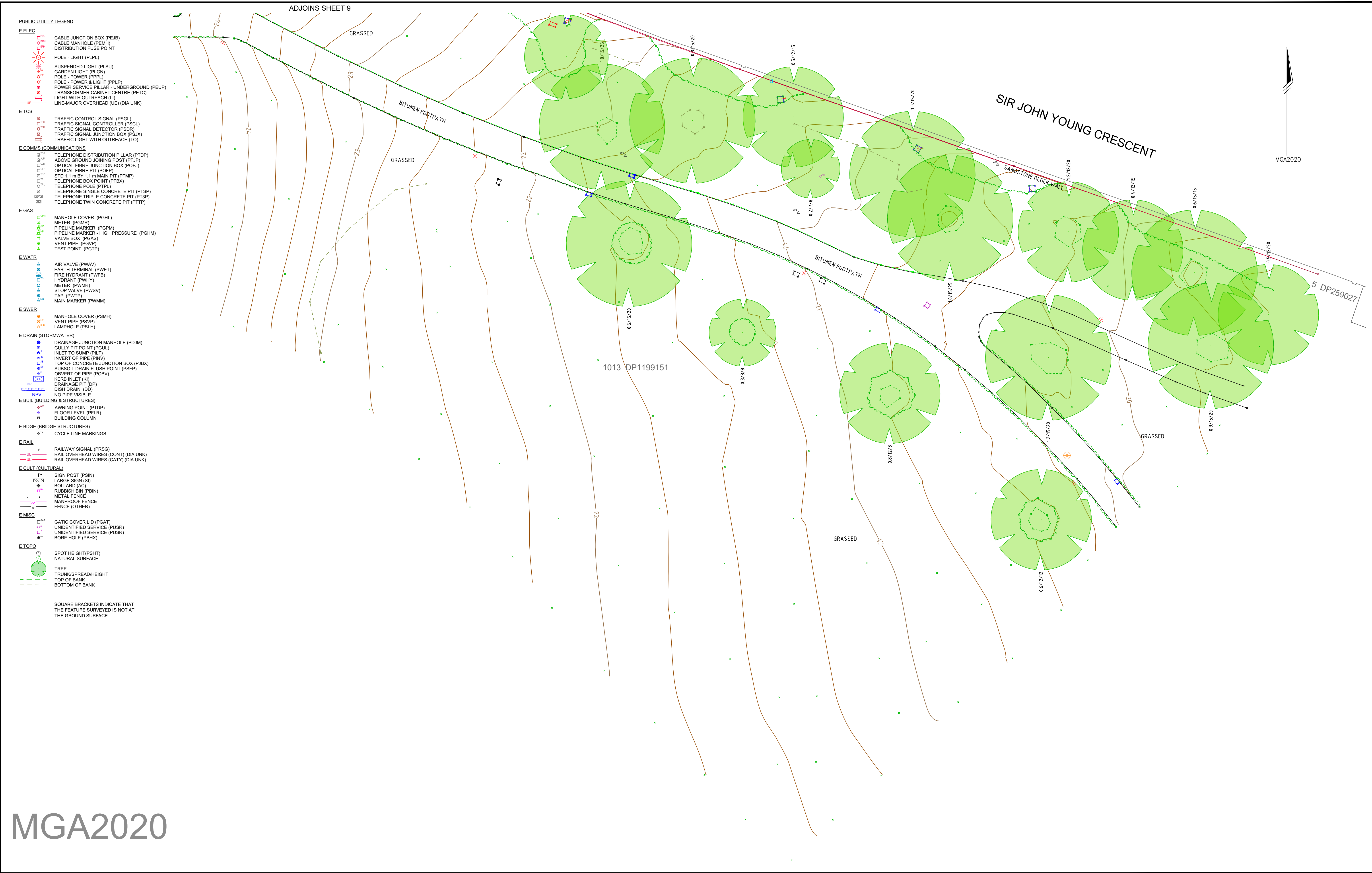
REVISIONS							
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP		
B	10.01.2022	BUILDING PARAPETS ADDED	LB	TP	SFG		
A	14.10.2021	INITIAL ISSUE	LB	GS	SFG		

HORIZ. SCALE: 1:200 @ A1		VERT. SCALE: @ A1	
COORDINATES: MGA2020 PRELIMINARY PROJECT CONTROL		DATUM: AHD PRELIMINARY PROJECT CONTROL	
ORIGIN: PRELIMINARY PROJECT CONTROL		ORIGIN: PRELIMINARY PROJECT CONTROL	
4	2	0	4
8	12		

EXPLANATORY NOTES & LEGEND ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

CLIENT: NSW GOVERNMENT		sydney METRO	
SURVEY: RPS	DATE OF SURVEY: AUG 2021		
DRAWN: LMB	DATE OF PLAN: 14.10.2021		
CHECKED: GS	DATE LAST SAVED: 10.01.2022		
APPROVED: SFG	DATE APPROVED: 14.10.2021		

TITLE: SMW DETAILED SITE SURVEY - HUNTER STREET STATION		JOB No: PR142446-239		ISSUE: B20	
DRAWING No: SMWSDS-RPS-HST-SR-DWG-000557-B(G2020).dwg		SHEET 9 OF 10 SHEETS		SIZE: A1	



MGA2020

REVISIONS

B	10.01.2022	BUILDING PARAPETS ADDED	LB	TP	SFG
A	14.10.2021	INITIAL ISSUE	LB	GS	SFG
No.	DATE	REVISION DETAILS	DRAWN	CHK	APP

HORIZ. SCALE: 1:200 @ A1

COORDINATES: MGA2020

ORIGIN: PRELIMINARY PROJECT CONTROL

VERT. SCALE: @ A1

DATUM: AHD PRELIMINARY PROJECT CONTROL

ORIGIN: PRELIMINARY PROJECT CONTROL

NOTES

EXPLANATORY NOTES & LEGEND ON SHEET 1 ARE APPLICABLE TO ALL SHEETS ON THIS PLAN

CLIENT: NSW GOVERNMENT

SYDNEY METRO

SURVEY: RPS

DRAWN: LMB

CHECKED: GS

APPROVED: SFG

DATE OF SURVEY: AUG 2021

DATE OF PLAN: 14.10.2021

DATE LAST SAVED: 10.01.2022

DATE APPROVED: 14.10.2021

TITLE

SMW DETAILED SITE SURVEY - HUNTER STREET STATION

DRAWING No

SMWSDDS-RPS-HST-SR-DWG-000557-B(G2020).dwg

JOB No

PR142446-239

ISSUE

B20

REPRODUCTION IN COLOUR ONLY.

THIS IS A COLOURED PLAN.

10 OF 10 SHEETS

SIZE A1

MAKING COMPLEX EASY

RPS

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