

LEGEND

SUBJECT BOUNDARY ADJOINING BOUNDARY

BUILDING/STRUCTURE

ROAD CENTRELINE

TELECOMMUNICATION LINE/OPTUS

WATER LINE

SEWER LINE EDGE OF CONCRETE

FENCE LINE

POWER POLE WITH LIGHT

TELECOMMUNICATION PIT

MAN HOLE

WATER METER

LETTERBOX

SEWER INSPECTION PIT

DPO

& NUMBER TREE/HEIGHT

360° PHOTO

(TRUNK & DIAMETER TREE SYMBOL TO SCALE)

SURVEY STATION

THIS PLAN IS PREPARED FROM A FIELD SURVEY FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS ON THE LAND AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE.

SERVICES SHOWN HEREON HAVE BEEN LOCATED WHERE POSSIBLE BY FIELD SURVEY.
IF NOT ABLE TO BE SO LOCATED SERVICES HAVE BEEN PLOTTED FROM THE RECORDS OF RELEVANT AUTHORITIES WHERE AVAILABLE AND HAVE BEEN NOTED ACCORDINGLY ON THIS PLAN.
WHERE SUCH RECORDS EITHER DO NOT EXIST OR ARE INADEQUATE A NOTATION HAS BEEN PLAN HEREON.

PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE, THE RELEVANT AUTHORITY SHOULD BE CONTACTED FOR LOCATION OF FURTHER UNDERGROUND SERVICES AND DETAILED LOCATIONS OF ALL SERVICES.

CAUTION: CONTOURS SHOWN HEREON ARE INDICATIVE ONLY PREFERENCE SHOULD BE GIVEN TO SPOT HEIGHTS AS SHOWN.

THIS NOTE IS AN INTEGRAL PART OF THIS PLAN

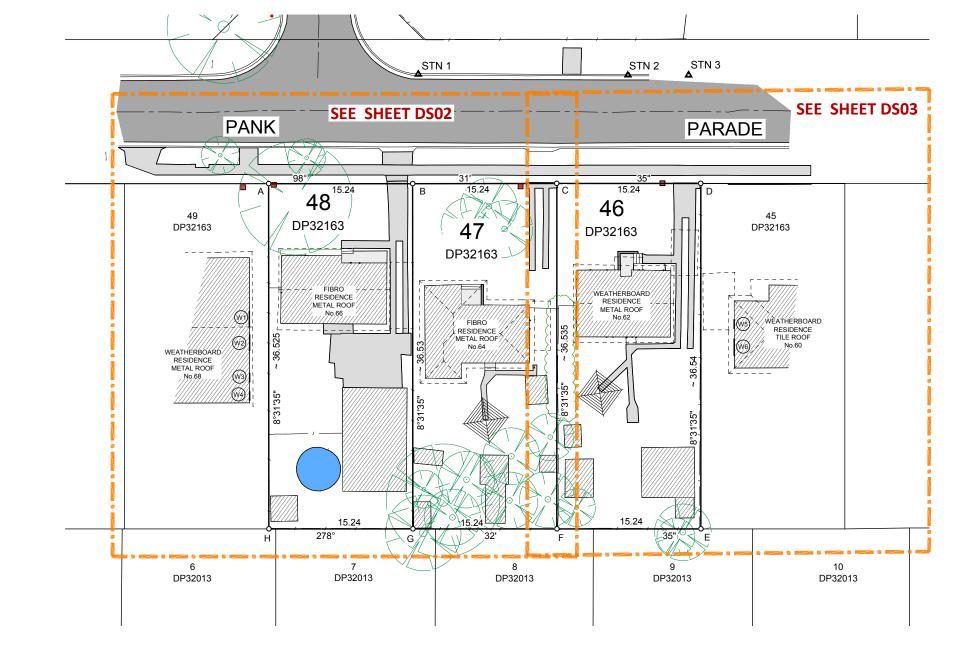


TABLE OF BOUNDARY CORNER CO-ORDINATES (MGA GROUND)

- 304306.691 6262267.556 304321.763 6262265.297
- 304336.834 6262263.038 304351.906 6262260.778

DIAL BEFORE

YOU DIG

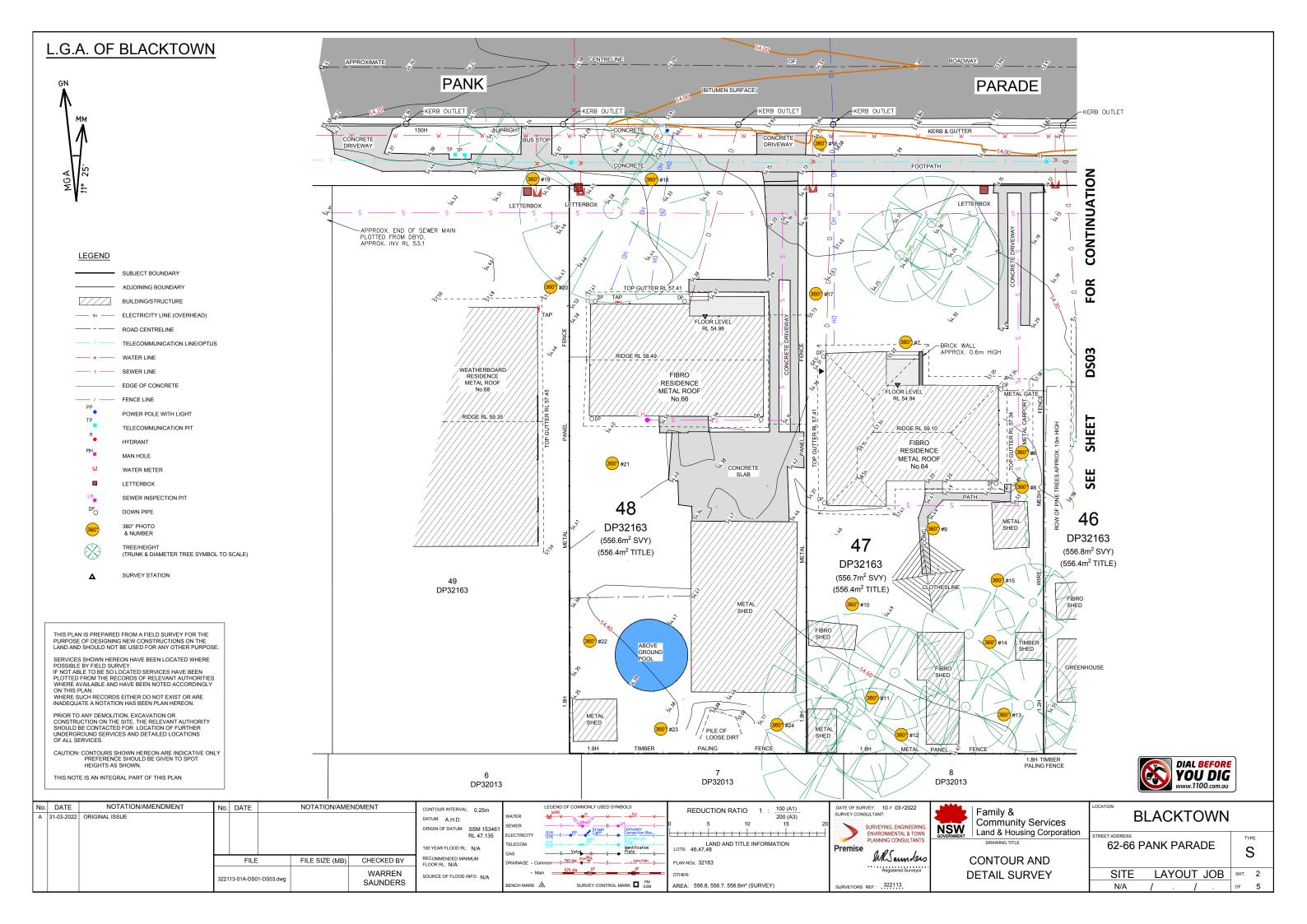
HEIGHT DESCRIPTION EASTING NORTHING 54.031 DRILL HOLE STN1 304324.063 6262276.657 304346.489 6262224.644 304331.418 6262226.908 6262273.276 53.931 DRILL HOLE STN2 304346.003 304316.347 6262229.172 STN3 6262272.316 53.869 DRILL HOLE 304352.346 304301.276 6262231.435

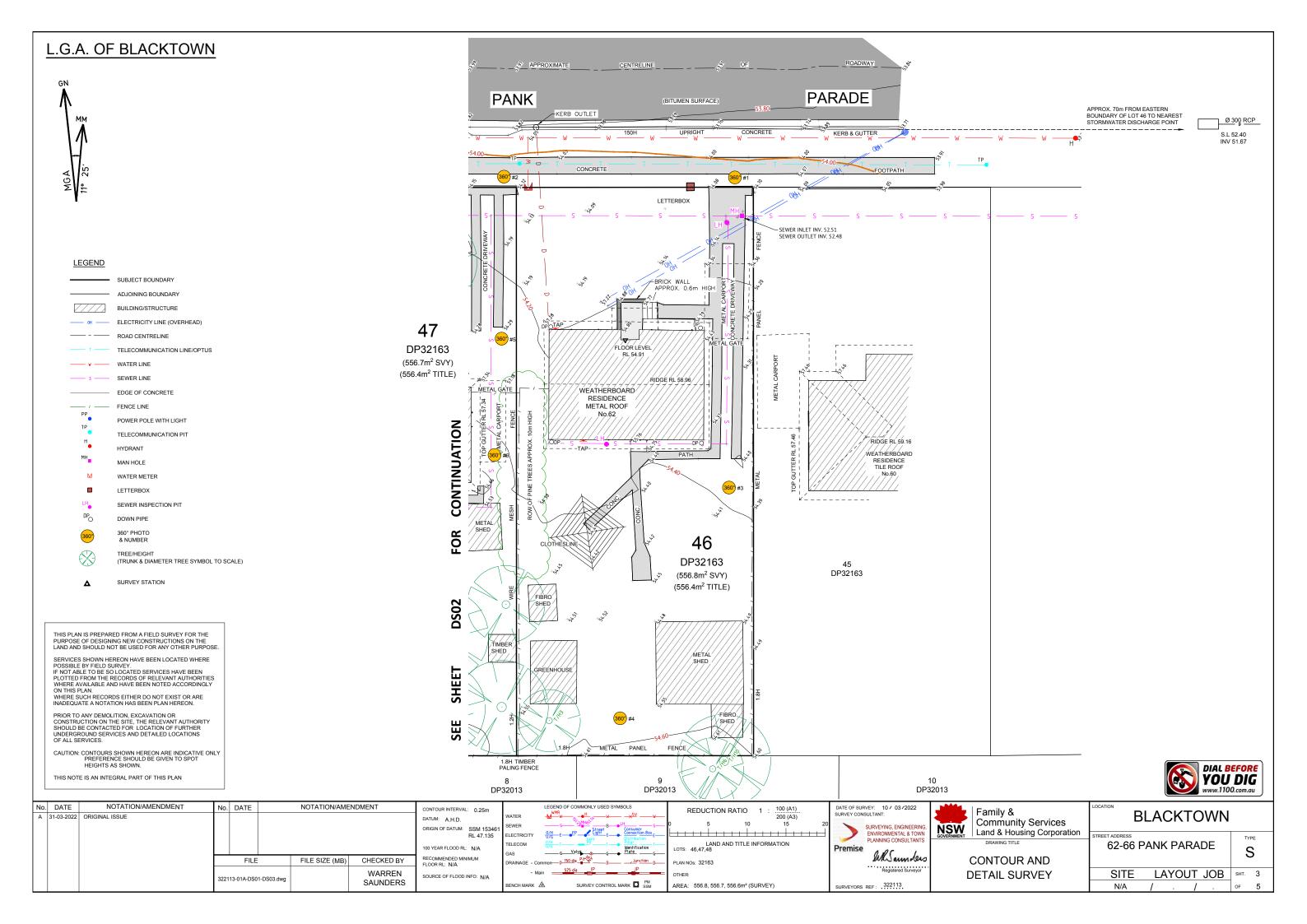
TABLE OF SURVEY CONTROL (MGA ZONE 56 GDA2020)

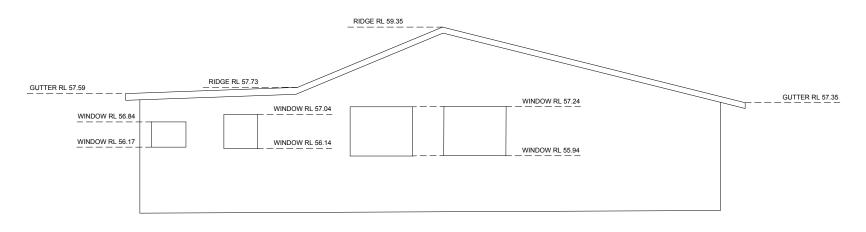
TABLE OF WINDOW LEVELS

LOCATION	WINDOW No.	TOP RL	BOTTOM RL
PANK PARADE			
	W1	57.24	55.94
No.68	W2	57.24	55.94
100.00	W3	57.04	56.14
	W4	56.84	56.17
No.60	W5	57.25	55.88
100.00	W6	57.25	55.88

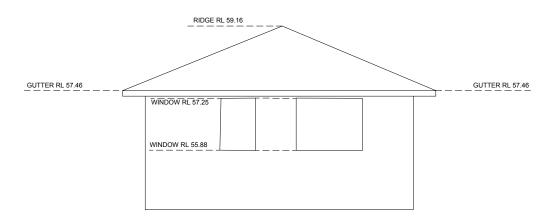
No. DA		No. DATE	NOTATION/AME	NDMENT	CONTOUR INTERVAL: 0.25m		LEGEND OF COMMONLY USED SYMBOLS	REDUCTION RATIO 1 : .200 (A1)	DATE OF SURVEY: 10 / 03 / 2022	Family &	LOCATION	
A 31-03-	022 ORIGINAL ISSUE				DATUM: A.H.D.	WATER	MHS AH	400 (A3) 0 10 20 30 40	SURVEY CONSULTANT:	Community Compless	BLACKTOWN	4
					ORIGIN OF DATUM: SSM 153461	SEWER	O/H PP Street Consumer Connection Box		SURVEYING, ENGINEERING, ENVIRONMENTAL & TOWN	NSW Land & Housing Corporation		
					RL 47.135	TELECOM	U/G Joint Distribution O/H Pit Pit Pillar T	LAND AND TITLE INFORMATION	PLANNING CONSULTANTS	DRAWING TITLE	STREET ADDRESS	TYPE
					100 YEAR FLOOD RL: N/A	GAS	U/G Identification Plate	LOTS: 46,47,48	Premise 0.0C /		62-66 PANK PARADE	S
		FILE	FILE SIZE (MB)	CHECKED BY	RECOMMENDED MINIMUM FLOOR RL: N/A	DRAINAGE - C	common—D_150 dia Pil 123 DJunction_D_	PLAN NOs: 32163	MSambers	CONTOUR AND		
				WARREN	SOURCE OF FLOOD INFO: N/A	- N	Main 525 dia IP JP	OTHER	Registered Surveyor	DETAIL SURVEY	SITE LAYOUT JOB	sнт. 1
		322113-01A-DS01-DS03.dwg		SAUNDERS	1071	BENCH MARK		AREA: 556.8, 556.7, 556.6m² (SURVEY)	SURVEYORS REF: 322113	32.7.112 331(72)	N/A / /	OF 5







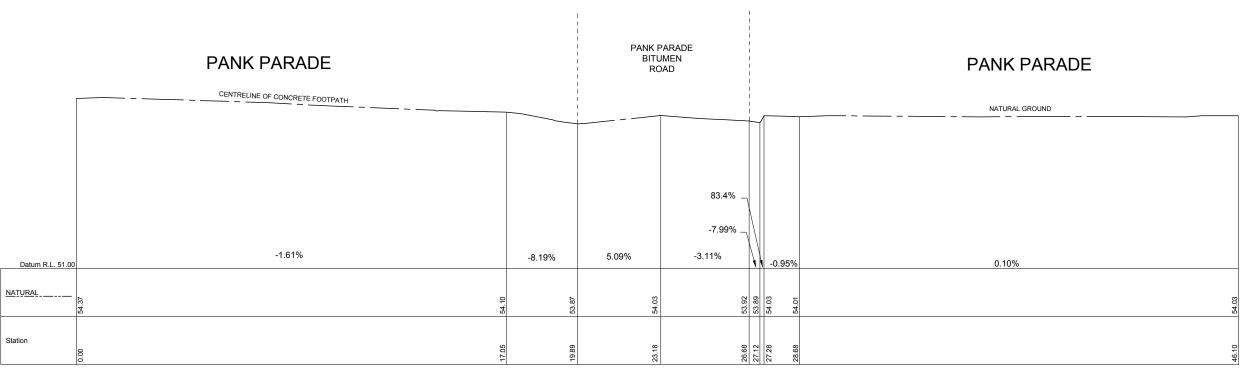
SIDE ELEVATION 68 PANK PARADE (FACING SUBJECT PROPERTY LOT 48)



SIDE ELEVATION 60 PANK PARADE (FACING SUBJECT PROPERTY LOT 46)

No. DATE	NOTATION/AMENDMENT	No. DATE	NOTATION/AME	NDMENT	CONTOUR INTERVAL: 0.25m		LEGEND OF COMMONLY USED SYMBOLS	REDUCTION RATIO 1 : 100 (A1)	DATE OF SURVEY: 10 / 03/2022	Family &	LOCATION	
A 31-03-2022	ORIGINAL ISSUE				DATUM: A.H.D.	WATER	Marin W XSV W	200 (A3)	SURVEY CONSULTANT:	Camana units Camuiana	BLACKTOWN	4
					ORIGIN OF DATUM: SSM 153461 RL 47.135	FLECTRICITY	O/H PP Street Consumer Connection Box		SURVEYING, ENGINEERING, ENVIRONMENTAL & TOWN	Land & Housing Corporation	STREET ADDRESS	
					100 YEAR FLOOD RL: N/A	TELECOM	O/H Loint Distribution Pill Distribution Distribution	LAND AND TITLE INFORMATION	PLANNING CONSULTANTS Premise	DRAWING TITLE	62-66 PANK PARADE	TYPE
		FUE	FILE SIZE (MB)	CHECKED BY	RECOMMENDED MINIMUM	GAS	G Valve G Plate G		MSambers	CONTOLID AND		$\mid S \mid$
		FILE	FILE SIZE (MB)		FLOOR RL: N/A	DRAINAGE - C	Common D 150 dia D D Junction D	PLAN NOs: 32163	Registered Surveyor	CONTOONAND		
		322113-01A-DS01-DS03.dwg		WARREN	SOURCE OF FLOOD INFO: N/A	- N	Main 925 (let	OTHER:	Registered Surveyor	DETAIL SURVEY	SITE LAYOUT JOB	SHT. 4
		SEET TO STATE BOOK BOOK AWAY		SAUNDERS		BENCH MARK	△ SURVEY CONTROL MARK □ PM SSM	AREA: 556.8, 556.7, 556.6m² (SURVEY)	SURVEYORS REF: 322113		N/A / . / .	of 5





TRANSPORT ROUTE -'LONG SECTION' N.T.S

No. E	DATE NOTATION/AMENDMENT	No. DATE	NOTATION/AMEN	NDMENT	CONTOUR INTERVAL: 0.25m	LEGEND OF COMMONLY USED SYMBOLS	REDUCTION RATIO 1 : 100 (A1)	DATE OF SURVEY: 10 / 03 /2022	Family &	LOCATION
A 31-	-03-2022 ORIGINAL ISSUE				DATUM: A.H.D. ORIGIN OF DATUM: SSM 153461	WATER WATER W SSV W SEWER SEWER STreet Consumer Consumer	0 5 10 15 20	SURVEY CONSULTANT: SURVEYING, ENGINEERING,	Community Services	BLACKTOWN
					RL 47.135	ELECTRICITY 0/H E PP Light E Connection Box E Distribution TELECOM 0/H T PH I Gentliffcation I Gentliffcation T Gentliffcation Plate COS Valve 2 6 Plate COS Plate	LAND AND TITLE INFORMATION LOTS: 46,47,48	Premise Environmental & Town Planning Consultants	GOVERNMENT Land & Housing Corporation DRAWING TITLE	62-66 PANK PARADE
		FILE	FILE SIZE (MB)	CHECKED BY	RECOMMENDED MINIMUM FLOOR RL: N/A	DRAINAGE - Common D 150 dia Pir D Junction D	PLAN NOs: 32163	WKJ ann des	CONTOUR AND	5
		322113-01A-DS01-DS03.dwg		WARREN SAUNDERS	SOURCE OF FLOOD INFO: N/A	- Main 525 dia IP JP BENCH MARK SURVEY CONTROL MARK SSM	OTHER AREA: 556.8, 556.7, 556.6m² (SURVEY)	Registered Surveyor SURVEYORS REF: 322113	DETAIL SURVEY	SITE LAYOUT JOB SHT. 5 OF 5



PHOTO REPORT								
Client	Premise	Client Contact						
Date	06/10/2022	UM Job No.	NSW22-0077					

Description of Works Conducted	Locate services 2 metres either side of stormwater alignment in kerb.
Site Address	62 Pank St Blacktown

Utilities Found	Asset Owner	Comments
Water	Sydney water	
Communications	TELSTRA	
Optic Fiber	NBN	
Electricity	AUSGRID	
Gas	JEMENA	
Storm Water		
Sewer	Sydney water	
Unknown		
Other		

UTILITY LEGEND

Water:	4	Electricity:
Communications:	∢	Unknown:
Optic Fibre:	4	N.D.D = Non-Destructive Digging
Gas:		UTT = Unable to Trace
Stormwater:	4	UTO = Unable to Open
Sewer:	4	EOT = End of Trace





Scope of works.





100 DICL Water main, QL-C Redundant water main until loss if signal, QL-C

NBN was located QL-B until push rod blocked marked end of trace. From this point was marked QL-D





Redundant water main QL-C

100PVC water main could not be traced due to wet and dense clay. Marked QL-D





Redundant water main QL-C 100 PVC water main located with GPR, QL-C

Telstra and NBN marked quality level a at pits and QL-B in between.





Redundant water main quality QL-C. 100 PVC water main located with GPR, QL-C.

Telstra and NBN marked quality level a at pits and QL-B in between.





Redundant water main QL-C 100 PVC water main located with GPR, QL-C

Telstra and NBN marked quality level a at pits and QL-C in between.





Redundant water main QL-C. 100 PVC water main located with GPR, QL-C.

Telstra and NBN marked quality level a at pits and QL-B in between.

Unable to lift storm water pit due to 2 man lift required.

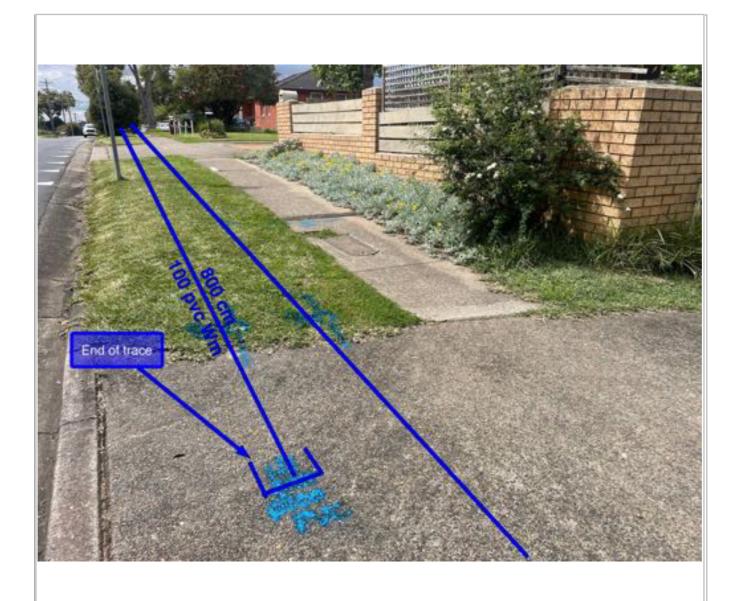




Redundant water main quality QL-C. 100 PVC water main located with GPR, QL-C.

Water house feeds QL-B.





Redundant water main QL-C

100 PVC water main located with GPR, QL-C until loss of signal and marked end of trace.





Redundant water main QL-C 100 PVC water main located with GPR, QL-C 125 PE water main located with for, QL-C

Telstra and NBN marked QL-A at pits and QL-B in between.





Redundant water main QL-C 100 PVC water main located with GPR, QL-C.

Telstra and NBN marked QL-A at pits and quality level b in between.





NBN was located QL-B until push rod blocked marked end of trace. From this point was marked QL-D.





Redundant water main QL-C 100 PVC water main located with GPR, QL-C

Water house feeds QL-B





Redundant water main QL-C 100 PVC water main located with GPR, QL-C

Water house feeds quality QL-B





Redundant water main QL-C. 100 PVC water main located with GPR, QL-C.

Water house feeds QL-B

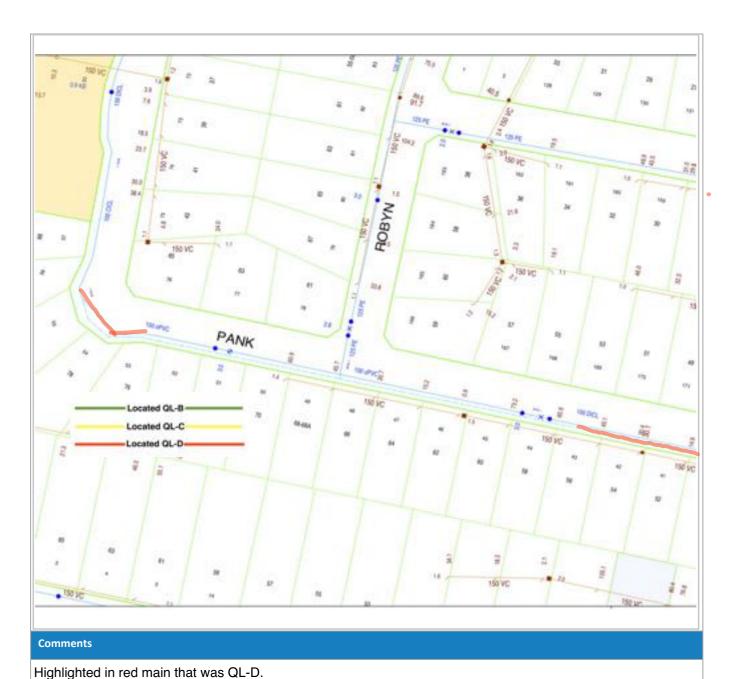




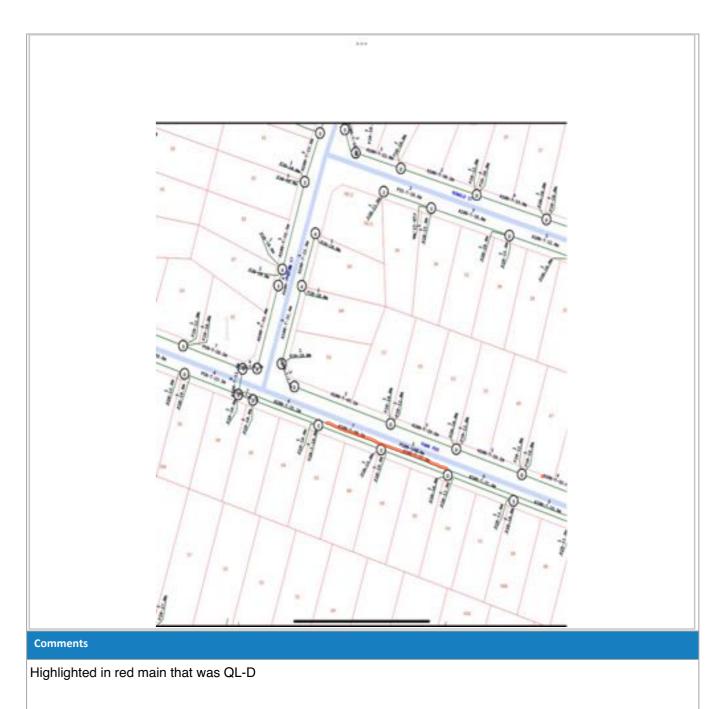
Unable to locate any gas house feeds due to, pipes made from a non-conductive material with no exposed trace wire. Attempted with for but was poor signal due to dense wet clay.

Marked no signal (NS) in front of meter or no visible meter (nvm) in front of houses with no visible meter.













Limitations for Subsurface Utility Information (SUI)

Utility surveying is a professional service defined in Australia by the Australian Standard Classification of Subsurface Utility Information (SUI), AS5488.1-2019.

Utility Mapping conducts all utility investigations and surveys in accordance with the Australian Standard. The Standard identifies four Quality Levels and specifies the following tolerance levels for typical site conditions:-

- QL-D Tolerance on accuracy does not apply, used for suggestive presence only
- > QL-C +/- 300mm horizontal (minimum of relative spatial position)
- > QL-B +/ 300mm horizontal and +/- 500mm vertical
- > QL-A +/- 50mm.

Exact utility locations cannot be guaranteed unless utility information from each of the Quality Levels is collected, and the utility is visually exposed and surveyed (QL-A).

Quality Level D

Provides a basic level of information through the collection of data from existing utility records. Utilities that are present on site, however not identified on DBYD plans or other available plans or information, will be referred to as 'undocumented' utilities. All reasonable effort will be made to detect and map 'undocumented' utilities that may be assumed present from surface features, to the required quality level within the limitations of our equipment, however, it cannot be guaranteed that all 'undocumented' utilities will be identified.

Quality Level C

Visible surface features are correlated with existing utility records. Utility Mapping will endeavour to locate and identify all utility related surface features, however the relevant utility owner must confirm utility ownership.

Documented utility-related surface features which cannot be confirmed or identified, will be marked as 'buried'.

Quality Level B

Quality level B establishes the horizonal position of existing underground utilities through surface geophysical methods.

Traditionally, electromagnetic detection is used for conductive utilities, and Ground Penetrating Radar (GPR) is primarily used for non-conductive utilities. Both methods have limitations and can be affected by the following, but not limited to:-

- > Depth of utilities:
- > Quantity of underground utilities within close proximity to each other;
- > Soil/geological conditions;
- > Material conductivity and other geological anomalies that may distort electromagnetic and GPR frequencies;
- > Existing terrain of the site (i.e. surface condition, vegetation cover, reinforced concrete, surface water).

The effectiveness and accuracy of GPR is highly dependent on the surface conditions and the composition of the material being scanned.

Utility Mapping is unable to guarantee the suitability of the material and composition for GPR, and this may result in an unsuccessful and inaccurate analysis in the identification and mapping of live or abandoned utilities.

Other environmental factors that may affect the transmission of GPR energy into the ground is the presence of groundwater or moisture. The depth and size of utilities will also affect results.

Utility Mapping will communicate any issues that may arise and will discuss options available to achieve the scope of the project.

Quality Level A

Quality Level A investigations provide the highest level of accuracy available, and involves the exposure of underground utilities for mapping through non-destructive methods.

The characteristics of underground features including type, size, condition and material can be captured.

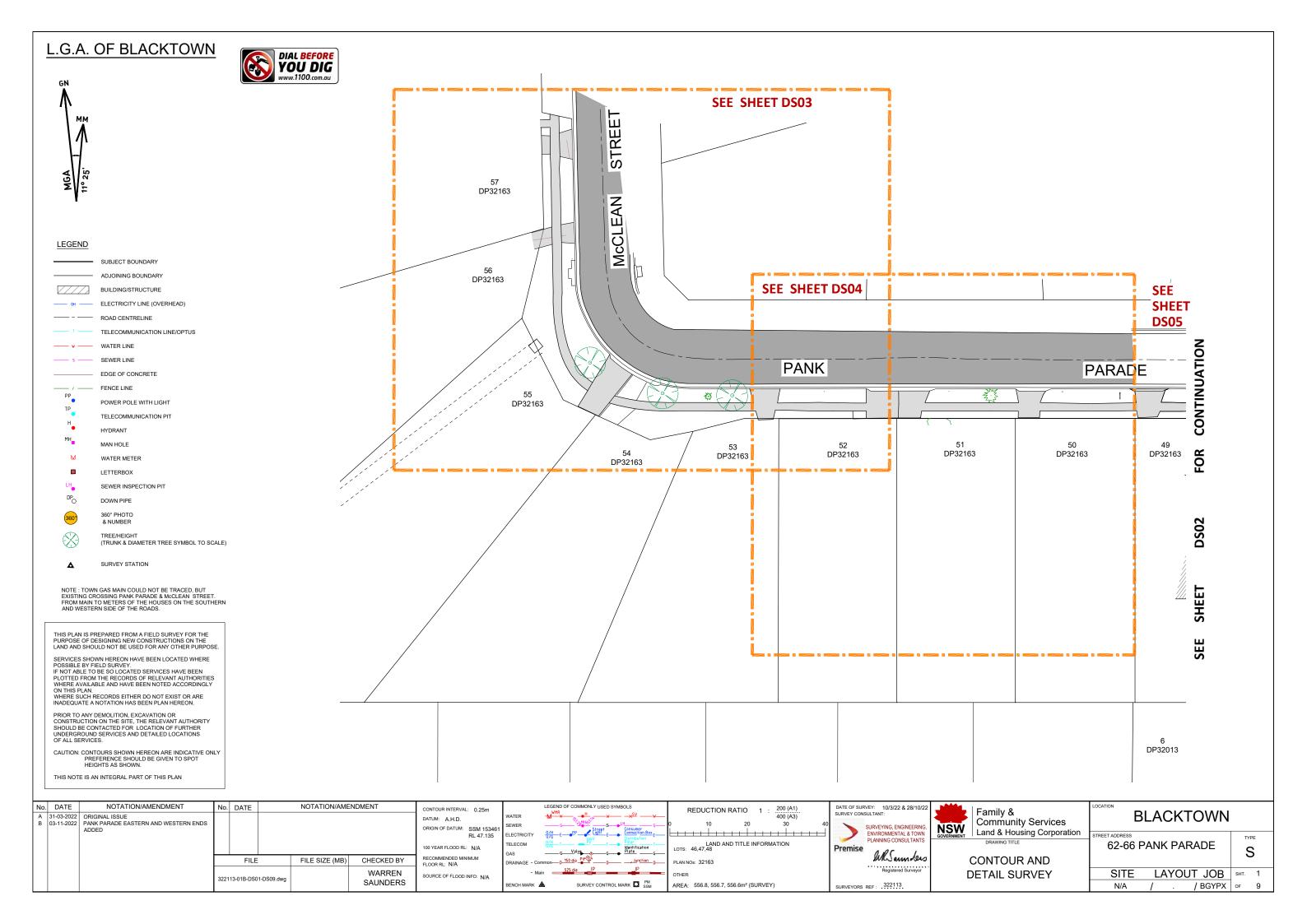
Quality Level A information is achieved only at the point of exposure, all interpretations of linework between exposure locations will be as per the nominated Quality Level.

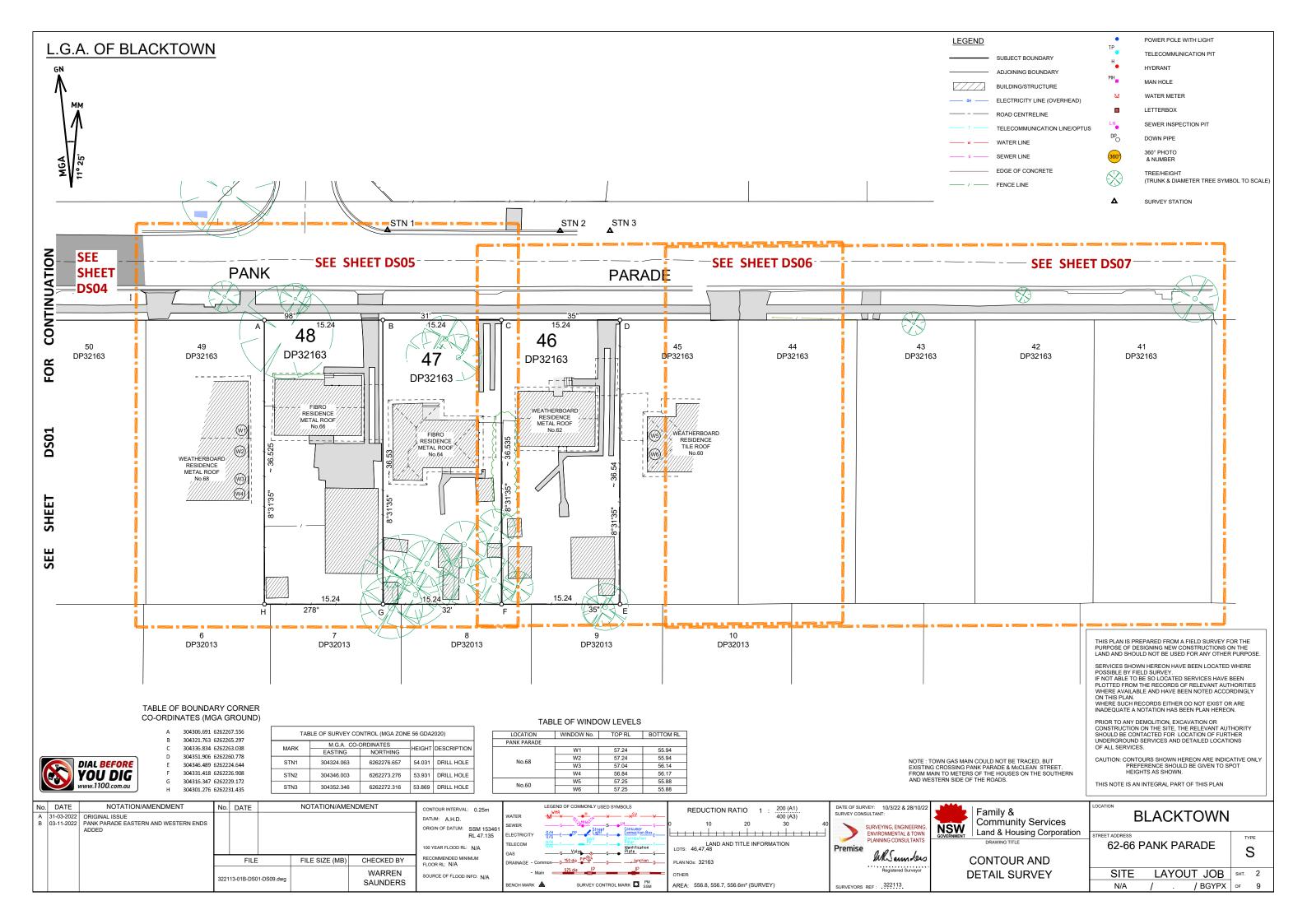
Investigations can be limited by existing ground and geological conditions. Utility Mapping will not be responsible for the removal or excavation of rocks or other debris later than 150mm in diameter from potholes.

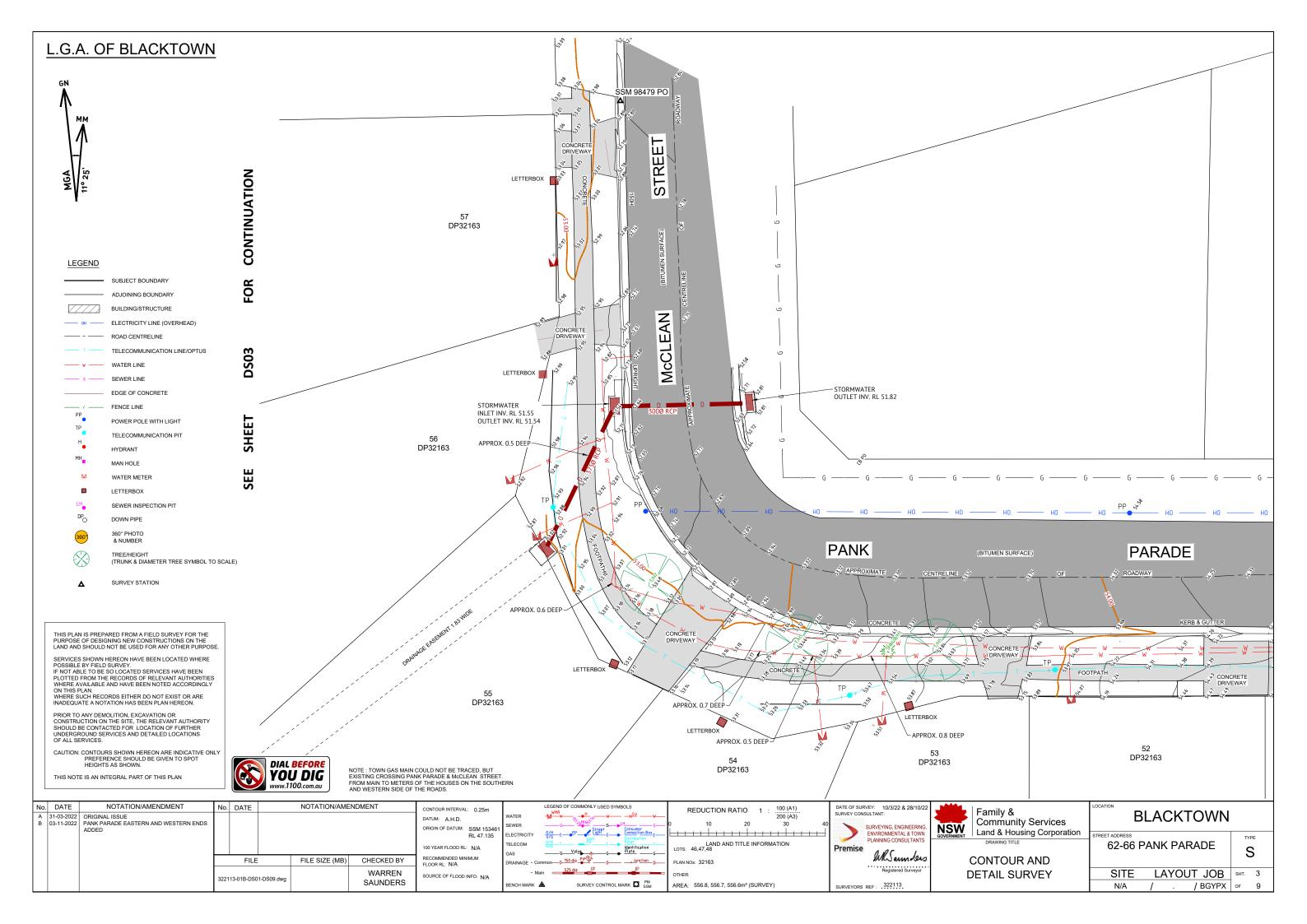
The depth of utilities may affect the ability to obtain accurate utility features at depths greater than 2.0 metres. If ground conditions inhibit the potholing process, Utility Mapping will communicate any issues and discuss alternative solutions.

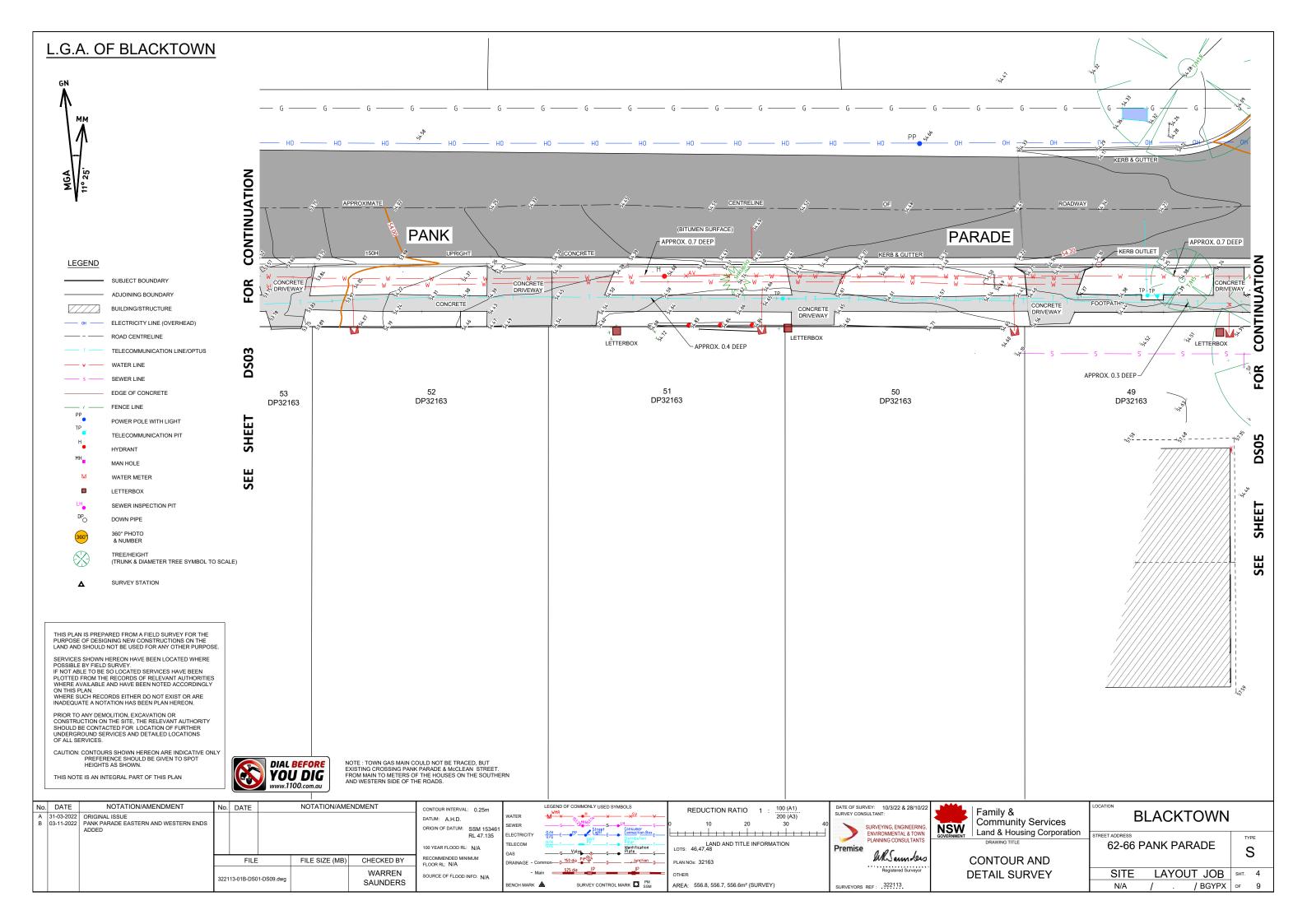
For more information, contact Utility Mapping on 1300 627 746.

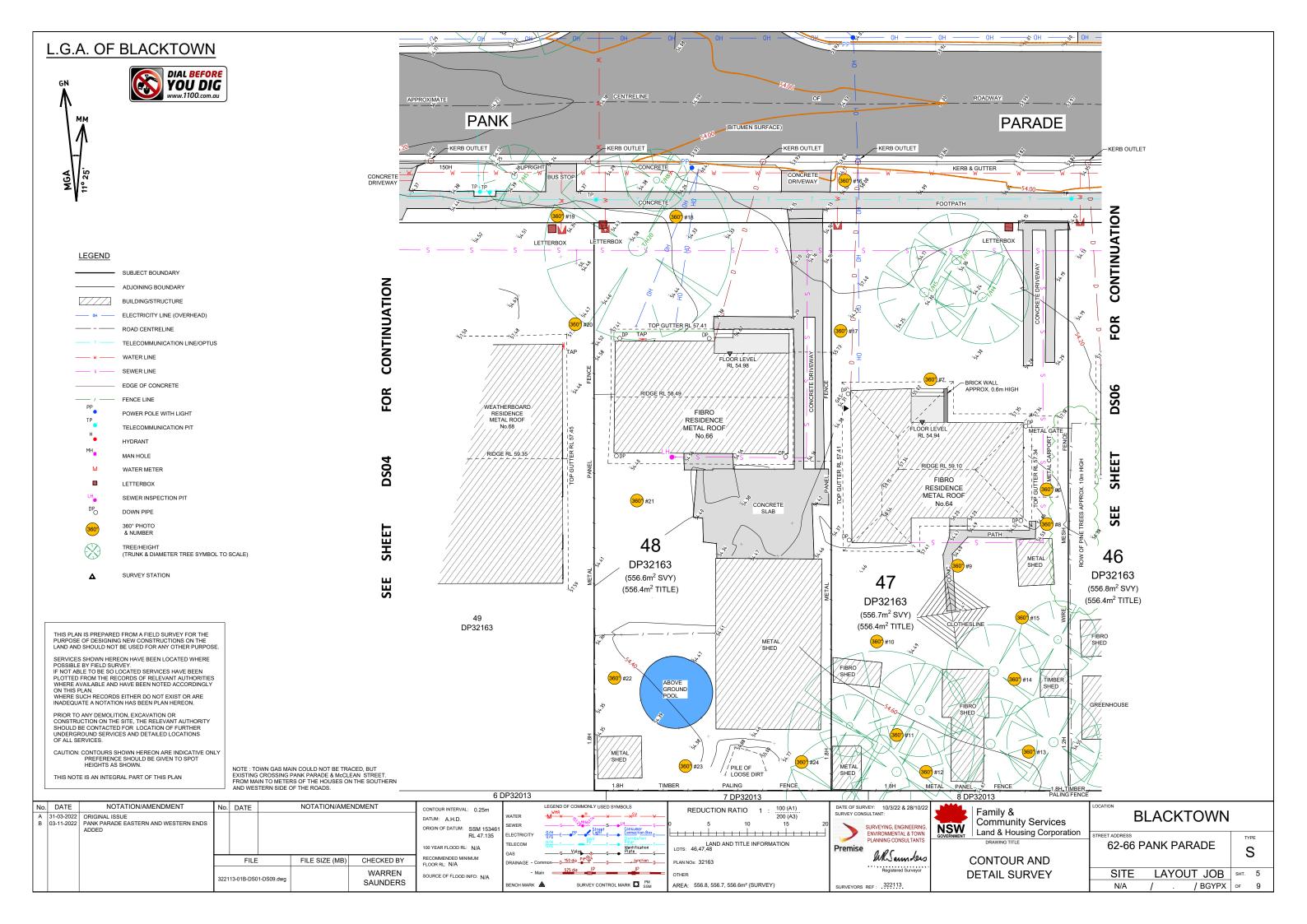
www.utilitymapping.com.au

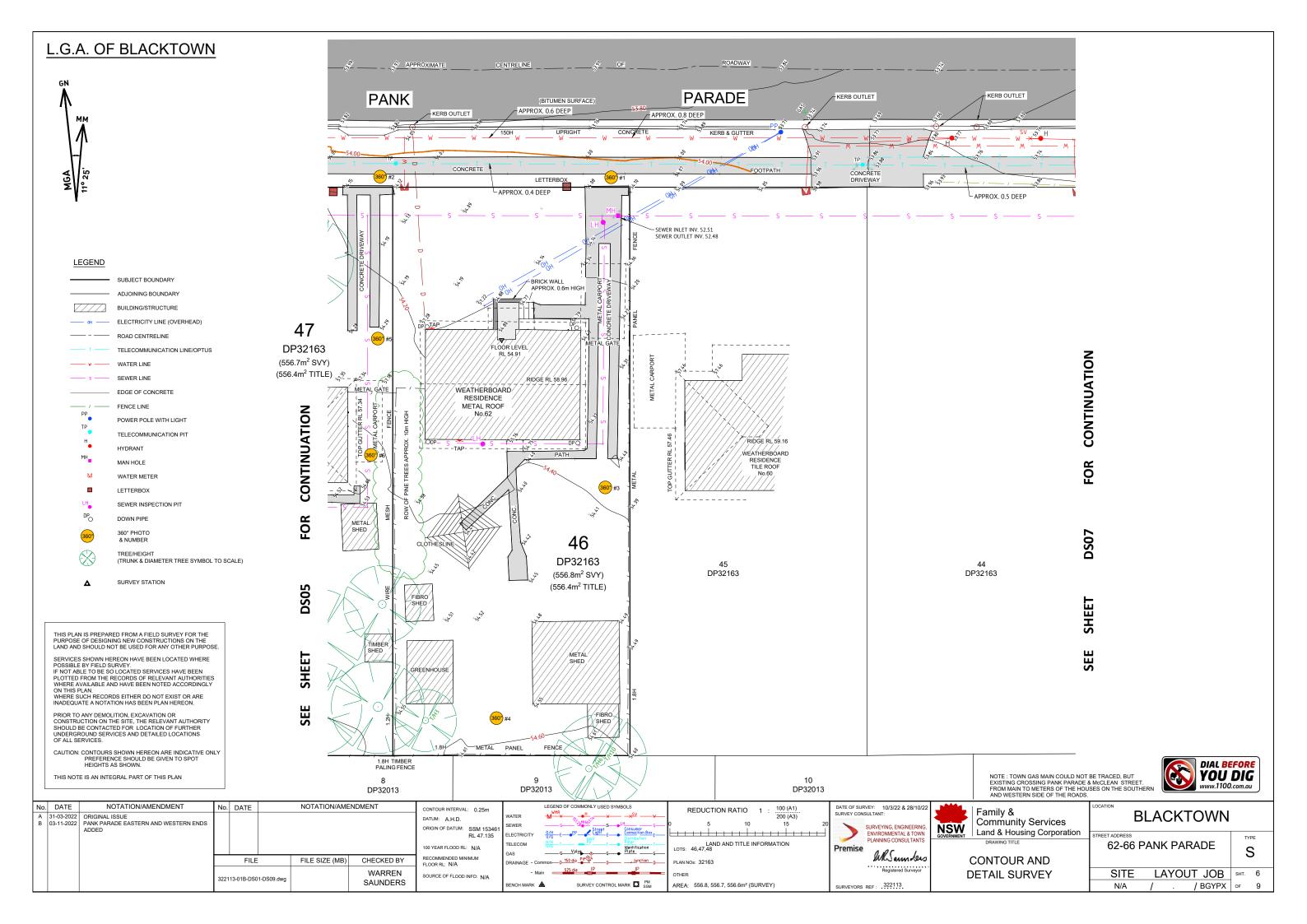


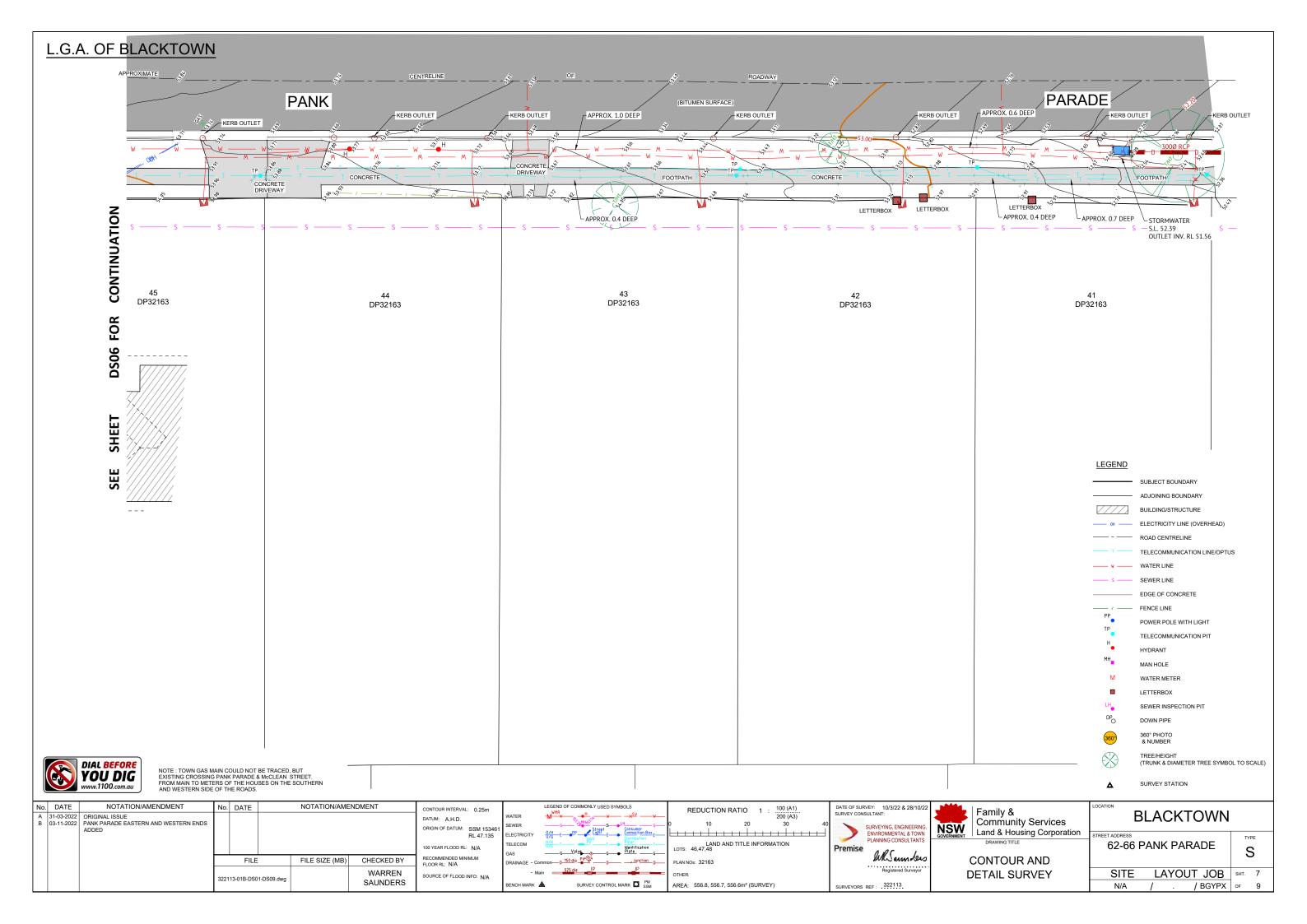


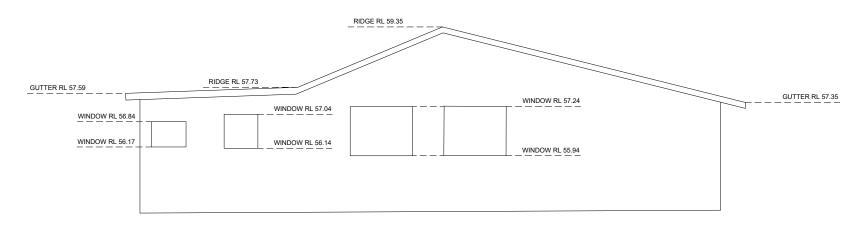




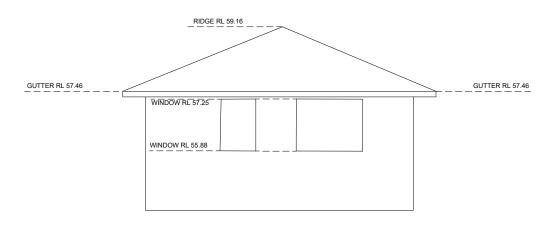








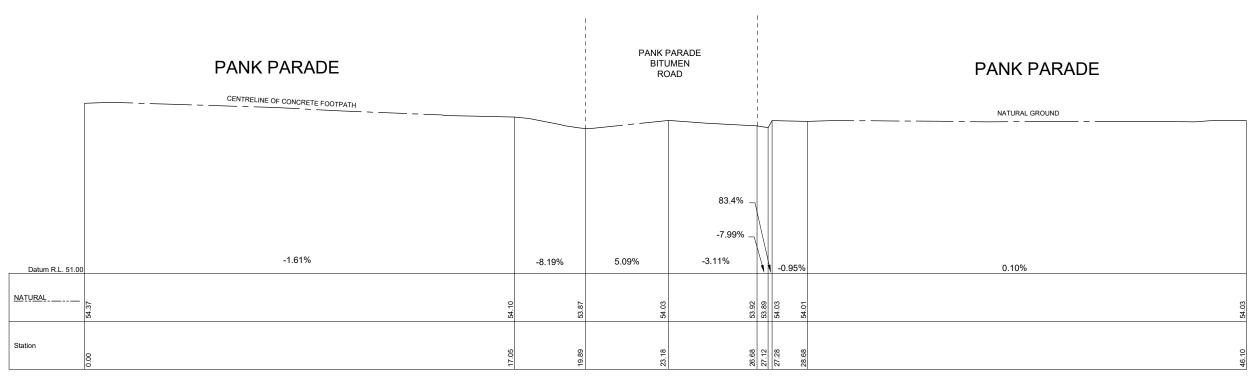
SIDE ELEVATION 68 PANK PARADE (FACING SUBJECT PROPERTY LOT 48)



SIDE ELEVATION 60 PANK PARADE (FACING SUBJECT PROPERTY LOT 46)

DATE	NOTATION/AMENDMENT	No.	DATE	NOTATION/AMEN	NDMENT	CONTOUR INTERVAL: 0.25m	LEGEND OF COMMONLY USED SYMBOLS	REDUCTION RATIO 1 :	DATE OF SURVEY: 10/3/22 & 28/10/22 SURVEY CONSULTANT:	Family &	LOCATION DI A CICTOVA/NI
	ORIGINAL ISSUE PANK PARADE EASTERN AND WESTERN ENDS ADDED					DATUM: A.H.D. ORIGIN OF DATUM: SSM 153461		0 5 10 15 20	SURVEYING, ENGINEERING,	NSW Land & Housing Corporation	BLACKTOWN
						RL 47.135 100 YEAR FLOOD RL: N/A	ELECTRICITY UTG E PT	LAND AND TITLE INFORMATION LOTS: 46,47,48	Premise ENVIRONMENTAL & TOWN PLANNING CONSULTANTS	DRAWING TITLE	62-66 PANK PARADE
			FILE	FILE SIZE (MB)	CHECKED BY	RECOMMENDED MINIMUM FLOOR RL: N/A	DRAINAGE - Common—D 150 dia Pir D Junction D	PLAN NOs: 32163	Wilsonnows	CONTOUR AND	
		3221	13-01B-DS01-D	609.dwg	WARREN SAUNDERS	SOURCE OF FLOOD INFO: N/A	- Main 525 dia IP JP BENCH MARK SURVEY CONTROL MARK SSM	OTHER: AREA: 556.8, 556.7, 556.6m² (SURVEY)	Registered Surveyor SURVEYORS REF: 322113	DETAIL SURVEY	SITE LAYOUT JOB SHT. 8 N/A / . / BGYPX OF 9





TRANSPORT ROUTE -'LONG SECTION' N.T.S

A 31-0	3-2022 ORIGINAL ISS		No. DATE	NOTATION/AMENDMENT	CONTOUR INTERVAL: 0.25m DATUM: A.H.D. ORIGIN OF DATUM: SSM 153461	LEGEND OF COMMONLY USED SYMBOLS WATER WHR H W SV W SEWER SEVER STEEP! ST	REDUCTION RATIO 1 :	DATE OF SURVEY: 10/3/22 & 28/10/22 SURVEY CONSULTANT: SURVEYING, ENGINEERING,	Family & Community Services Land & Housing Corporation	BLACKTOWN	
		-	FILE	FILE SIZE (MB) CHECKE	RL 47.135 100 YEAR FLOOD RL: N/A RECOMMENDED MINIMUM FLOOR RL: N/A	ELECTRICITY WITH EACH TO THE CONTROL OF THE CONTROL	LAND AND TITLE INFORMATION LOTS: 46,47,48 PLAN NOS: 32163	Premise Premise	CONTOUR AND	62-66 PANK PARADE	S
			322113-01B-DS01-DS09.dwg	WARI SAUNE	SOURCE OF FLOOD INFO: N/A	- Main 525 dia P JP BENCH MARK SURVEY CONTROL MARK SSM	OTHER: AREA: 556.8, 556.7, 556.6m² (SURVEY)	Registered Surveyor SURVEYORS REF: 322113	DETAIL SURVEY	SITE LAYOUT JOB N/A / . / BGYPX	