DIAL BEFORE YOU DIG
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SCHEDULE OF TREES

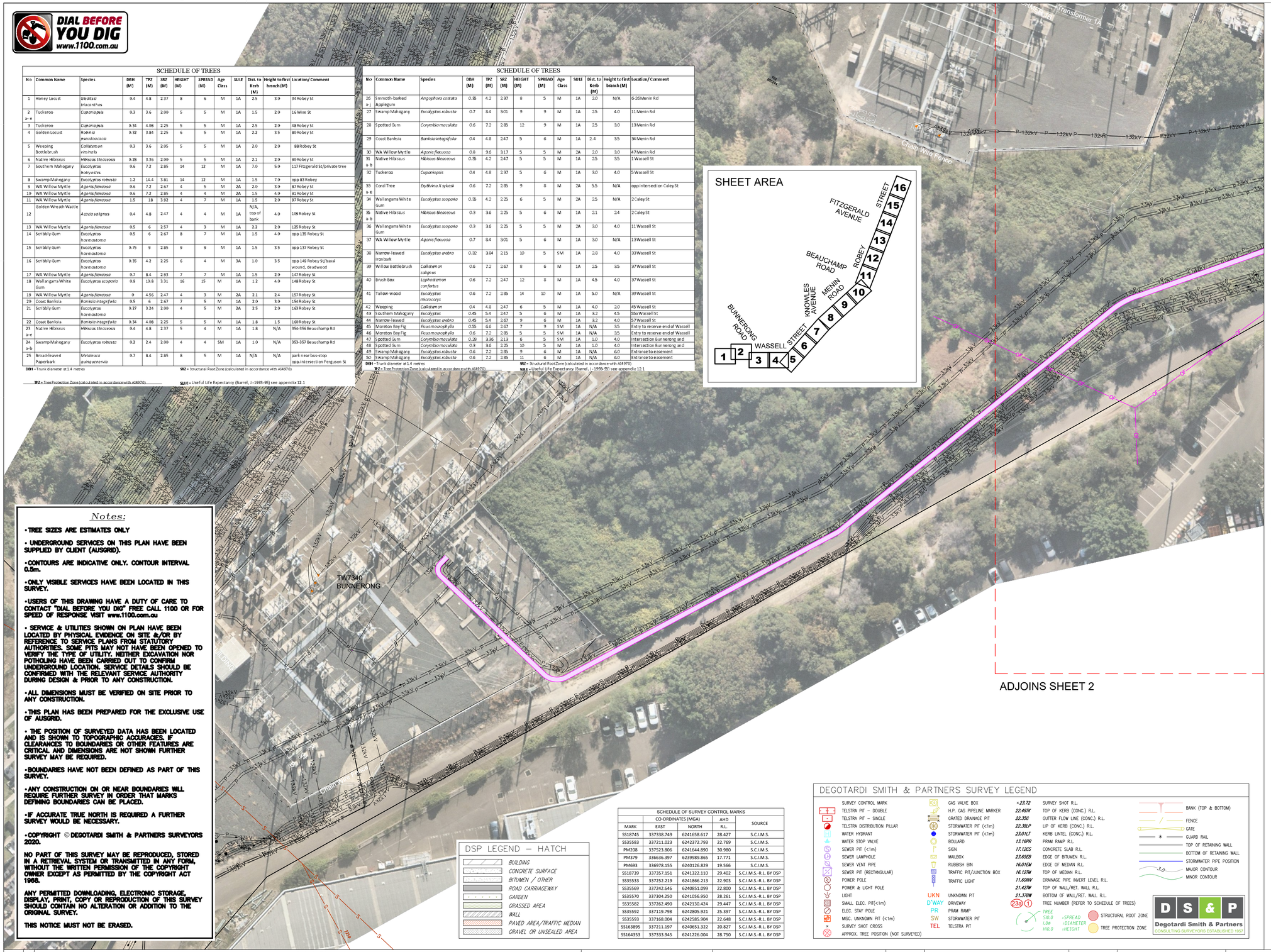
No	Common Name	Species	DBH (M)	TPZ (M)	SRZ (M)	HEIGHT (M)	SPREAD (M)	Age Class	SULE	Dist. to Kerb (M)	Height to first branch (M)	Location/ Comment
1	Honey Locust	*Gleditsia triacanthos*	0.4	4.8	2.37	8	6	M	1A	2.5	3.0	34 Robey St
2 a-e	Tuckeroo	*Cupaniopsis*	0.3	3.6	2.00	5	5	M	1A	1.5	2.0	16 Wise St
3	Tuckeroo	*Cupaniopsis*	0.34	4.08	2.25	5	5	M	1A	2.5	2.0	48 Robey St
4	Golden Locust	*Robinia pseudoacacia*	0.32	3.84	2.25	6	5	M	1A	2.2	3.5	80 Robey St
5	Weeping Bottlebrush	*Callistemon viminalis*	0.3	3.6	2.05	5	5	M	1A	2.0	2.0	88 Robey St
6	Native Hibiscus	*Hibiscus tiliaceous*	0.28	3.36	2.00	5	5	M	1A	2.1	2.0	90 Robey St
7	Southern Mahogany	*Eucalyptus botryoides*	0.6	7.2	2.85	14	12	M	1A	7.0	5.0	117 Fitzgerald St/private tree
8	Swamp Mahogany	*Eucalyptus robusta*	1.2	14.4	3.81	14	12	M	1A	1.5	7.0	opp 83 Robey
9	WA Willow Myrtle	*Agonis flexuosa*	0.6	7.2	2.67	4	5	M	2A	2.0	3.0	87 Robey St
10	WA Willow Myrtle	*Agonis flexuosa*	0.6	7.2	2.85	4	4	M	2A	1.5	4.0	91 Robey St
11	WA Willow Myrtle	*Agonis flexuosa*	1.5	18	3.92	4	7	M	1A	1.5	2.0	97 Robey St
12	Golden Wreath Wattle	*Acacia saligna*	0.4	4.8	2.47	4	4	M	1A	N/A, top of bank	4.0	106 Robey St
13	WA Willow Myrtle	*Agonis flexuosa*	0.5	6	2.57	4	3	M	1A	2.2	2.0	125 Robey St
14	Scribbly Gum	*Eucalyptus haemastoma*	0.5	6	2.67	8	7	M	1A	1.5	4.0	opp 135 Robey St
15	Scribbly Gum	*Eucalyptus haemastoma*	0.75	9	2.85	9	9	M	1A	1.5	3.5	opp 137 Robey St
16	Scribbly Gum	*Eucalyptus haemastoma*	0.35	4.2	2.25	6	4	M	3A	1.0	3.5	opp 149 Robey St/basal wound, deadwood
17	WA Willow Myrtle	*Agonis flexuosa*	0.7	8.4	2.93	7	7	M	1A	1.5	2.0	147 Robey St
18	Wallangarra White Gum	*Eucalyptus scoparia*	0.9	10.8	3.31	16	15	M	1A	1.2	4.0	148 Robey St
19	WA Willow Myrtle	*Agonis flexuosa*	0	4.56	2.47	4	3	M	2A	2.1	2.4	157 Robey St
20	Coast Banksia	*Banksia integrifolia*	0.5	6	2.67	7	5	M	1A	2.0	3.0	154 Robey St
21	Scribbly Gum	*Eucalyptus haemastoma*	0.27	3.24	2.00	4	5	M	2A	2.5	2.0	163 Robey St
22	Coast Banksia	*Banksia integrifolia*	0.34	4.08	2.25	5	5	M	1A	1.8	1.5	160 Robey St
23 a-e	Native Hibiscus	*Hibiscus tiliaceous*	0.4	4.8	2.37	5	4	M	1A	1.8	N/A	354-356 Beauchamp Rd
24. a-b	Swamp Mahogany	*Eucalyptus robusta*	0.2	2.4	2.00	4	4	SM	1A	1.0	N/A	353-357 Beauchamp Rd
25	Broad-leaved Paperbark	*Melaleuca quinquenervia*	0.7	8.4	2.85	8	5	M	1A	N/A	N/A	park near bus-stop opp.intersection Ferguson St

DBH – Trunk diameter at 1.4 metres
SRZ = Structural RootZone (calculated in accordance with AS4970)
TPZ = Tree Protection Zone (calculated in accordance with AS4970)
SULE = Useful Life Expectancy (Barrel, J-1993-95) see appendix 12.1

SCHEDULE OF TREES

No	Common Name	Species	DBH (M)	TPZ (M)	SRZ (M)	HEIGHT (M)	SPREAD (M)	Age Class	SULE	Dist. to Kerb (M)	Height to first branch (M)	Location/ Comment
26 a-j	Smmoth-barked Applegum	*Angophora costata*	0.35	4.2	2.37	8	5	M	1A	2.0	N/A	6-26 Menin Rd
27	Swamp Mahogany	*Eucalyptus robusta*	0.7	8.4	3.01	9	9	M	1A	2.5	4.0	11 Menin Rd
28	Spotted Gum	*Corymbia maculata*	0.6	7.2	2.85	12	9	M	1A	2.5	3.0	13 Menin Rd
29	Coast Banksia	*Banksia integrifolia*	0.4	4.8	2.47	5	6	M	1A	2.4	3.5	34 Menin Rd
30	WA Willow Myrtle	*Agonis flexuosa*	0.8	9.6	3.17	5	5	M	2A	2.0	3.0	47 Menin Rd
31 a-b	Native Hibiscus	*Hibiscus tiliaceous*	0.35	4.2	2.47	5	5	M	1A	2.5	3.5	1 Wassell St
32	Tuckeroo	*Cupaniopsis*	0.4	4.8	2.37	5	6	M	1A	3.0	4.0	5 Wassell St
33 a-e	Coral Tree	*Erythrina X sykesia*	0.6	7.2	2.85	9	8	M	2A	5.5	N/A	opp intersection Caley St
34	Wallangarra White Gum	*Eucalyptus scopaka*	0.35	4.2	2.25	6	5	M	2A	2.5	N/A	2 Caley St
35 a-b	Native Hibiscus	*Hibiscus tiliaceous*	0.3	3.6	2.25	5	6	M	1A	2.1	2.4	2 Caley St
36	Wallangarra White Gum	*Eucalyptus scopaka*	0.3	3.6	2.25	5	5	M	2A	3.0	4.0	11 Wassell St
37	WA Willow Myrtle	*Agonis flexuosa*	0.7	8.4	3.01	5	6	M	1A	3.0	N/A	13 Wassell St
38	Narrow-leaved Ironbark	*Eucalyptus crebra*	0.92	3.84	2.15	10	5	SM	1A	2.8	4.0	33 Wassell St
39	Willow Bottlebrush	*Callistemon salignus*	0.6	7.2	2.67	8	6	M	1A	2.5	3.5	37 Wassell St
40	Brush Box	*Lophostemon confertus*	0.6	7.2	2.47	12	8	M	1A	4.5	4.0	37 Wassell St
41	Tallow-wood	*Eucalyptus microcorys*	0.6	7.2	2.85	14	10	M	1A	5.0	N/A	39 Wassell St
42	Weeping	*Callistemon*	0.4	4.8	2.47	6	5	M	1A	4.0	2.0	45 Wassell St
43	Southern Mahogany	*Eucalyptus*	0.45	5.4	2.47	5	6	M	1A	3.2	4.5	55a Wassell St
44	Narrow-leaved	*Eucalyptus crebra*	0.45	5.4	2.67	9	6	M	1A	3.2	4.0	57 Wassell St
45	Moreton Bay Fig	*Ficus macrophylla*	0.55	6.6	2.67	7	9	SM	1A	N/A	3.5	Entry to reserve end of Wassell
46	Moreton Bay Fig	*Ficus macrophylla*	0.6	7.2	2.85	5	5	SM	1A	N/A	3.5	Entry to reserve end of Wassell
47	Spotted Gum	*Corymbia maculata*	0.28	3.36	2.13	6	5	SM	1A	1.0	4.0	Intersection Bunnerong and
48	Spotted Gum	*Corymbia maculata*	0.3	3.6	2.25	10	5	M	1A	1.0	4.0	Intersection Bunnerong and
49	Swamp Mahogany	*Eucalyptus robusta*	0.6	7.2	2.85	9	6	M	1A	N/A	6.0	Entrance to easement
50	Swamp Mahogany	*Eucalyptus robusta*	0.6	7.2	2.85	11	6	M	1A	N/A	6.0	Entrance to easement

DBH – Trunk diameter at 1.4 metres
SRZ = Structural RootZone (calculated in accordance with AS4970)
TPZ = Tree Protection Zone (calculated in accordance with AS4970)
SULE = Useful Life Expectancy (Barrel, J-1993-95) see appendix 12.1



NOTES

1. NO SURVEY HAS BEEN MADE OF THE BOUNDARIES.
2. SERVICES ON THIS PLAN HAVE BEEN PLOTTED BY STATED DIMENSIONS SCALING OR INTERPRETING THE RELEVANT SERVICE AUTHORITY DRAWINGS.
3. THE LOCATION OF OVERHEAD LOW VOLT AND STREET LIGHTING CABLES HAVE NOT BEEN SHOWN ON THIS PLAN
4. PIPE SIZES ON THIS PLAN HAVE BEEN PLOTTED & SHOWN IF INDICATED ON THE RELEVANT SERVICE AUTHORITY DRAWINGS.

THE LOCATION OF SERVICES IS APPROXIMATE ONLY.

NORTH
MGA 94

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

Notes:

- TREE SIZES ARE ESTIMATES ONLY
- UNDERGROUND SERVICES ON THIS PLAN HAVE BEEN SUPPLIED BY CLIENT (AUSGRID).
- CONTOURS ARE INDICATIVE ONLY. CONTOUR INTERVAL 0.5m.
- ONLY VISIBLE SERVICES HAVE BEEN LOCATED IN THIS SURVEY.
- USERS OF THIS DRAWING HAVE A DUTY OF CARE TO CONTACT "DIAL BEFORE YOU DIG" FREE CALL 1100 OR FOR SPEED OF RESPONSE VISIT www.1100.com.au
- SERVICE & UTILITIES SHOWN ON PLAN HAVE BEEN LOCATED BY PHYSICAL EVIDENCE ON SITE &/OR BY REFERENCE TO SERVICE PLANS FROM STATUTORY AUTHORITIES. SOME PITS MAY NOT HAVE BEEN OPENED TO VERIFY THE TYPE OF UTILITY. NEITHER EXCAVATION NOR POTHOLING HAVE BEEN CARRIED OUT TO CONFIRM UNDERGROUND LOCATION. SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITY DURING DESIGN & PRIOR TO ANY CONSTRUCTION.
- ALL DIMENSIONS MUST BE VERIFIED ON SITE PRIOR TO ANY CONSTRUCTION.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF AUSGRID.
- THE POSITION OF SURVEYED DATA HAS BEEN LOCATED AND IS SHOWN TO TOPOGRAPHIC ACCURACES. IF CLEARANCES TO BOUNDARIES OR OTHER FEATURES ARE CRITICAL AND DIMENSIONS ARE NOT SHOWN FURTHER SURVEY MAY BE REQUIRED.
- BOUNDARIES HAVE NOT BEEN DEFINED AS PART OF THIS SURVEY.
- ANY CONSTRUCTION ON OR NEAR BOUNDARIES WILL REQUIRE FURTHER SURVEY IN ORDER THAT MARKS DEFINING BOUNDARIES CAN BE PLACED.
- IF ACCURATE TRUE NORTH IS REQUIRED A FURTHER SURVEY WOULD BE NECESSARY.

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THIS NOTICE MUST NOT BE ERASED.

DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

SCHEDULE OF SURVEY CONTROL MARKS

MARK	CO-ORDINATES (MGA) EAST	NORTH	AHD R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241322.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
SS35570	337304.250	6241056.950	28.261	S.C.I.M.S.-R.L. BY DSP
SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN UNKNOWN PIT
- D'WAY DRIVEWAY
- PR PRAM RAMP
- SW STORMWATER PIT
- TEL TELSTRA PIT
- ×23.72 SURVEY SHOT R.L.
- 22.481K TOP OF KERB (CONC.) R.L.
- 22.35G GUTTER FLOW LINE (CONC.) R.L.
- 22.38LIP LIP OF KERB (CONC.) R.L.
- 23.01LT KERB LINTEL (CONC.) R.L.
- 13.16PR PRAM RAMP R.L.
- 17.12CS CONCRETE SLAB R.L.
- 23.65EB EDGE OF BITUMEN R.L.
- 16.01EM EDGE OF MEDIAN R.L.
- 16.12TM TOP OF MEDIAN R.L.
- 11.60INV DRAINAGE PIPE INVERT LEVEL R.L.
- 21.40TW TOP OF WALL/RET. WALL R.L.
- 21.37BW BOTTOM OF WALL/RET. WALL R.L.
- 23a 1 TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE S10.0 LOW H10.0 ÷SPREAD ÷DIAMETER ÷HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- 3.0 MAJOR CONTOUR
- MINOR CONTOUR

DSP Degotardi Smith & Partners CONSULTING SURVEYORS ESTABLISHED 1957

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 1 OF 16

CAD DRAWING DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

ISSUED FOR

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

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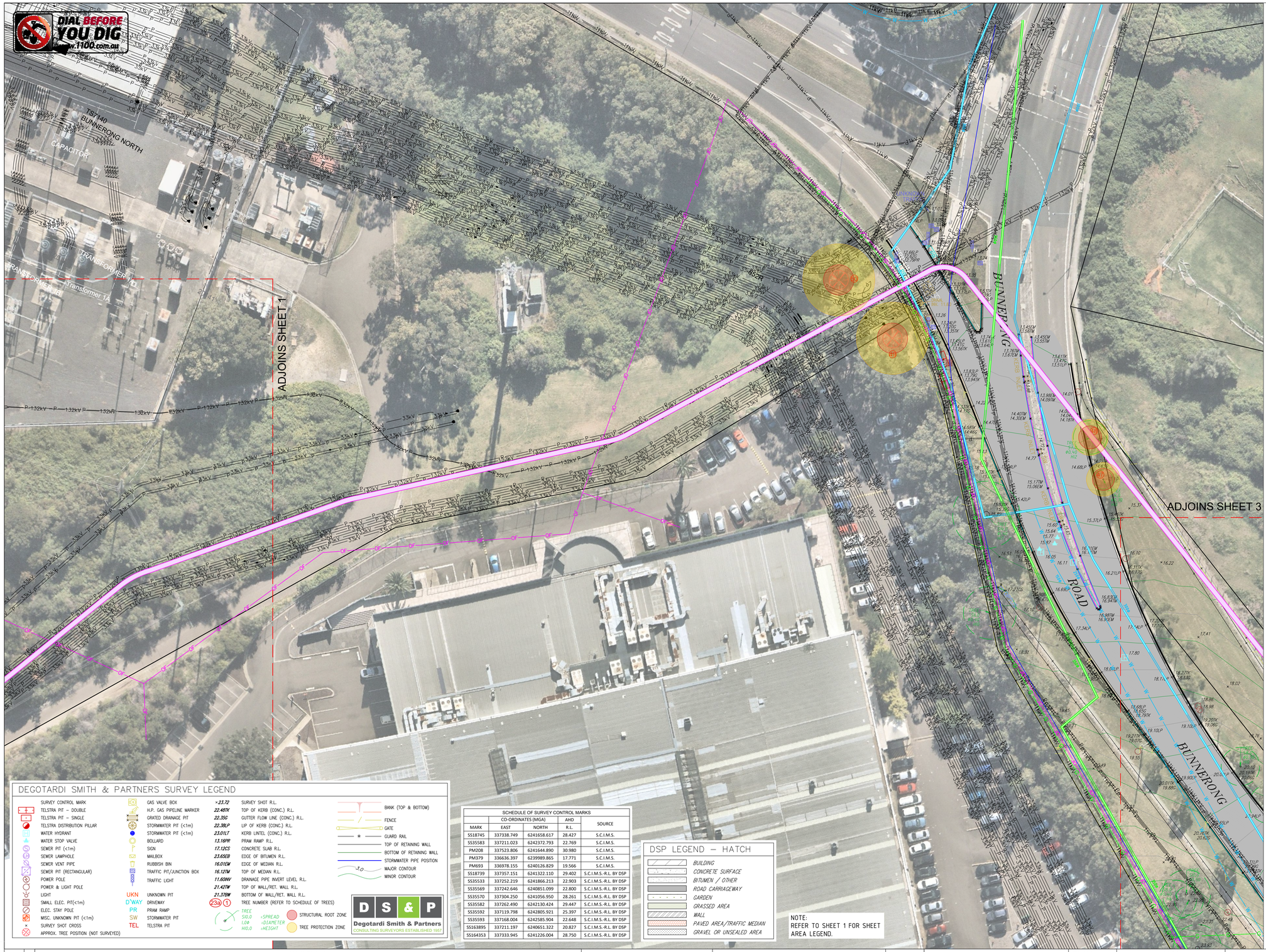

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NORTH

MGA 94

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- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40

SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

SURVEY CONTROL MARK	GAS VALVE BOX	23.72	SURVEY SHOT R.L.
TELSTRA PIT – DOUBLE	H.P. GAS PIPELINE MARKER	22.40TK	TOP OF KERB (CONC.) R.L.
TELSTRA PIT – SINGLE	GRATED DRAINAGE PIT	22.35C	GUTTER FLOW LINE (CONC.) R.L.
TELSTRA DISTRIBUTION PILLAR	STORMWATER PIT (<1m)	22.38LP	LIP OF KERB (CONC.) R.L.
WATER HYDRANT	STORMWATER PIT (<1m)	23.01LT	KERB LINTEL (CONC.) R.L.
WATER STOP VALVE	BOLLARD	13.16PR	PRAM RAMP R.L.
SEWER PIT (<1m)	SIGN	17.12CS	CONCRETE SLAB R.L.
SEWER LAMPHOLE	MAILBOX	23.65ED	EDGE OF BITUMEN R.L.
SEWER VENT PIPE	RUBBISH BIN	16.01EM	EDGE OF MEDIAN R.L.
SEWER PIT (RECTANGULAR)	TRAFFIC PIT/JUNCTION BOX	16.12TM	TOP OF MEDIAN R.L.
POWER POLE	TRAFFIC LIGHT	11.60INV	DRAINAGE PIPE INVERT LEVEL R.L.
POWER & LIGHT POLE		21.42TW	TOP OF WALL/RET. WALL R.L.
LIGHT	UKN — UNKNOWN PIT	21.37BW	BOTTOM OF WALL/RET. WALL R.L.
SMALL ELEC. PIT(<1m)	D'WAY — DRIVEWAY	23a (1)	TREE NUMBER (REFER TO SCHEDULE OF TREES)
ELEC. STAY POLE	PR — PRAM RAMP		
MISC. UNKNOWN PIT (<1m)	SW — STORMWATER PIT		
SURVEY SHOT CROSS	TEL — TELSTRA PIT		
APPROX. TREE POSITION (NOT SURVEYED)			

TREE 510.0 L0.0 H10.0 — SPREAD, DIAMETER, HEIGHT

STRUCTURAL ROOT ZONE

TREE PROTECTION ZONE

BANK (TOP & BOTTOM)
FENCE
GATE
GUARD RAIL
TOP OF RETAINING WALL
BOTTOM OF RETAINING WALL
STORMWATER PIPE POSITION
3.0 MAJOR CONTOUR
MINOR CONTOUR

Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1967

SCHEDULE OF SURVEY CONTROL MARKS

MARK	CO-ORDINATES (MGA) EAST	NORTH	AHD R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
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PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241322.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
SS35570	337304.250	6241056.950	28.261	S.C.I.M.S.-R.L. BY DSP
SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

SHEET 2 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

ISSUED FOR

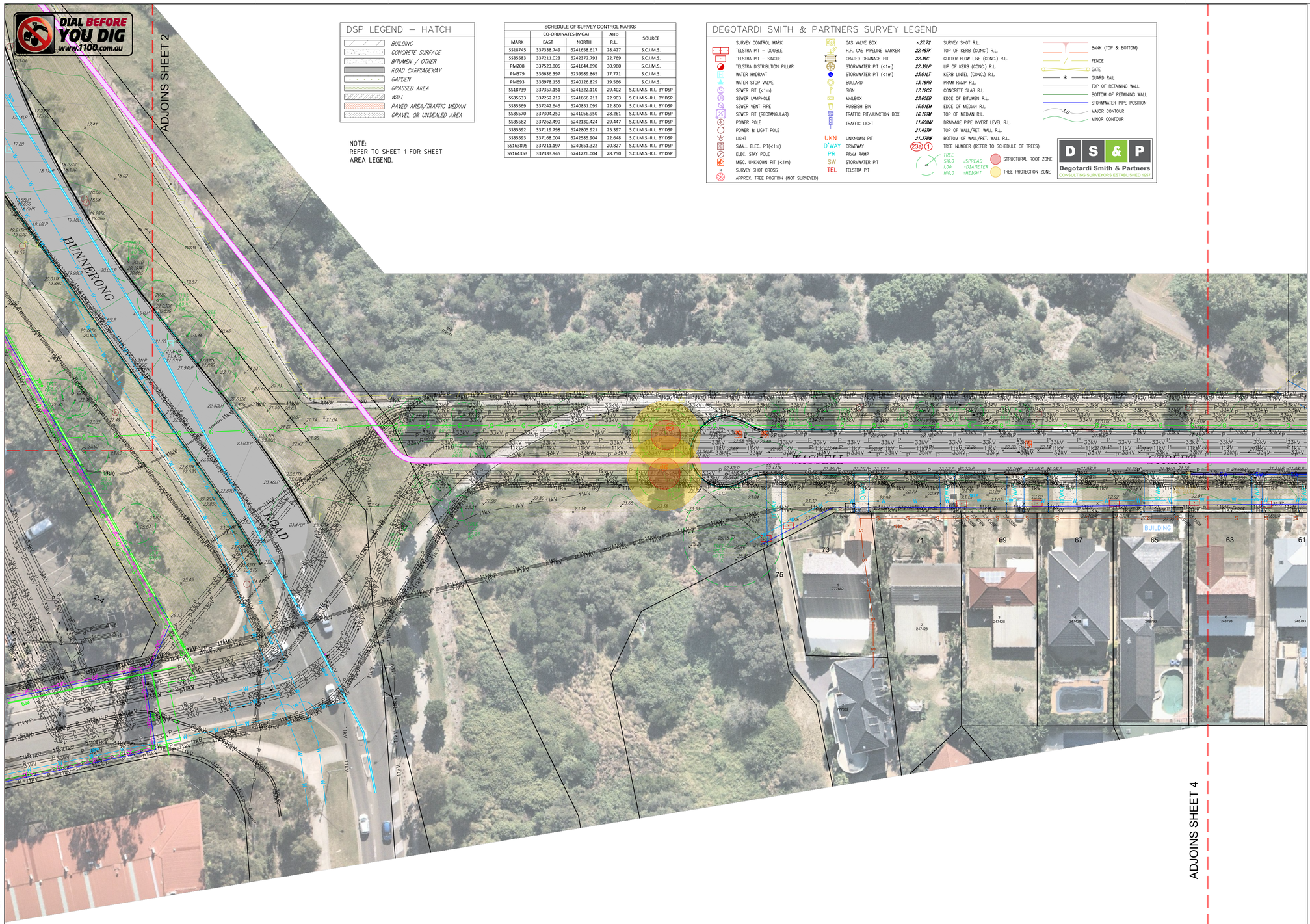
Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20180416



DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
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- GRAVEL OR UNSEALED AREA

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SCHEDULE OF SURVEY CONTROL MARKS

	CO-ORDINATES (MGA)		AHD	
MARK	EAST	NORTH	R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241322.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
SS35570	337304.250	6241056.950	28.261	S.C.I.M.S.-R.L. BY DSP
SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN UNKNOWN PIT
- D'WAY DRIVEWAY
- PR PRAM RAMP
- SW STORMWATER PIT
- TEL TELSTRA PIT
- ×23.72 SURVEY SHOT R.L.
- 22.48TK TOP OF KERB (CONC.) R.L.
- 22.35G GUTTER FLOW LINE (CONC.) R.L.
- 22.38LP LIP OF KERB (CONC.) R.L.
- 23.01LT KERB LINTEL (CONC.) R.L.
- 13.16PR PRAM RAMP R.L.
- 17.12CS CONCRETE SLAB R.L.
- 23.65ED EDGE OF BITUMEN R.L.
- 16.01EM EDGE OF MEDIAN R.L.
- 16.12TM TOP OF MEDIAN R.L.
- 11.60INV DRAINAGE PIPE INVERT LEVEL R.L.
- 21.42TW TOP OF WALL/RET. WALL R.L.
- 21.37BW BOTTOM OF WALL/RET. WALL R.L.
- 23a 1 TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE S10.0 ×SPREAD L0.4 ⌀DIAMETER H10.0 ↑HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- 3.0 MAJOR CONTOUR
- MINOR CONTOUR

Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

NOTES

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THE LOCATION OF SERVICES IS APPROXIMATE ONLY.

NORTH
MGA 94

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
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- SW — DENOTES MAJOR STORMWATER CHANNEL
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- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 3 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
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Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

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DOC S DWG No 600036 SHEET AMD 2 SIZE A1

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DIAL BEFORE YOU DIG
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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
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DSP Degotardi Smith & Partners
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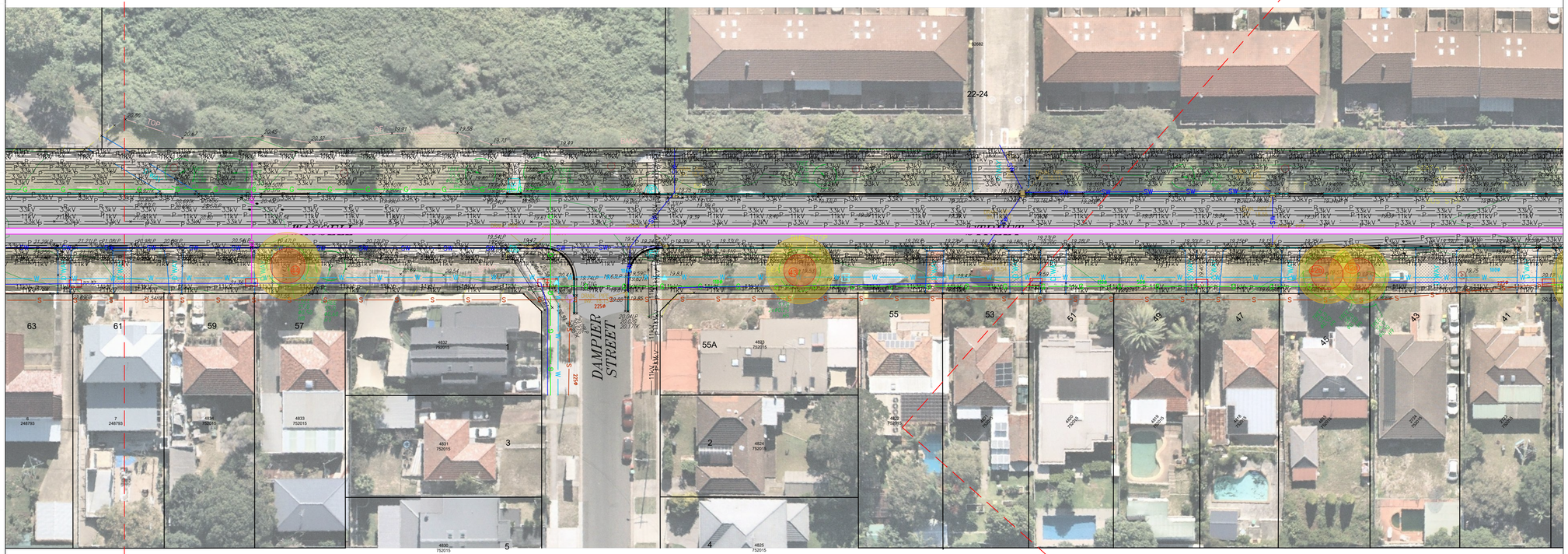

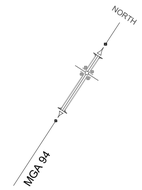

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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 4 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

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0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
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ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
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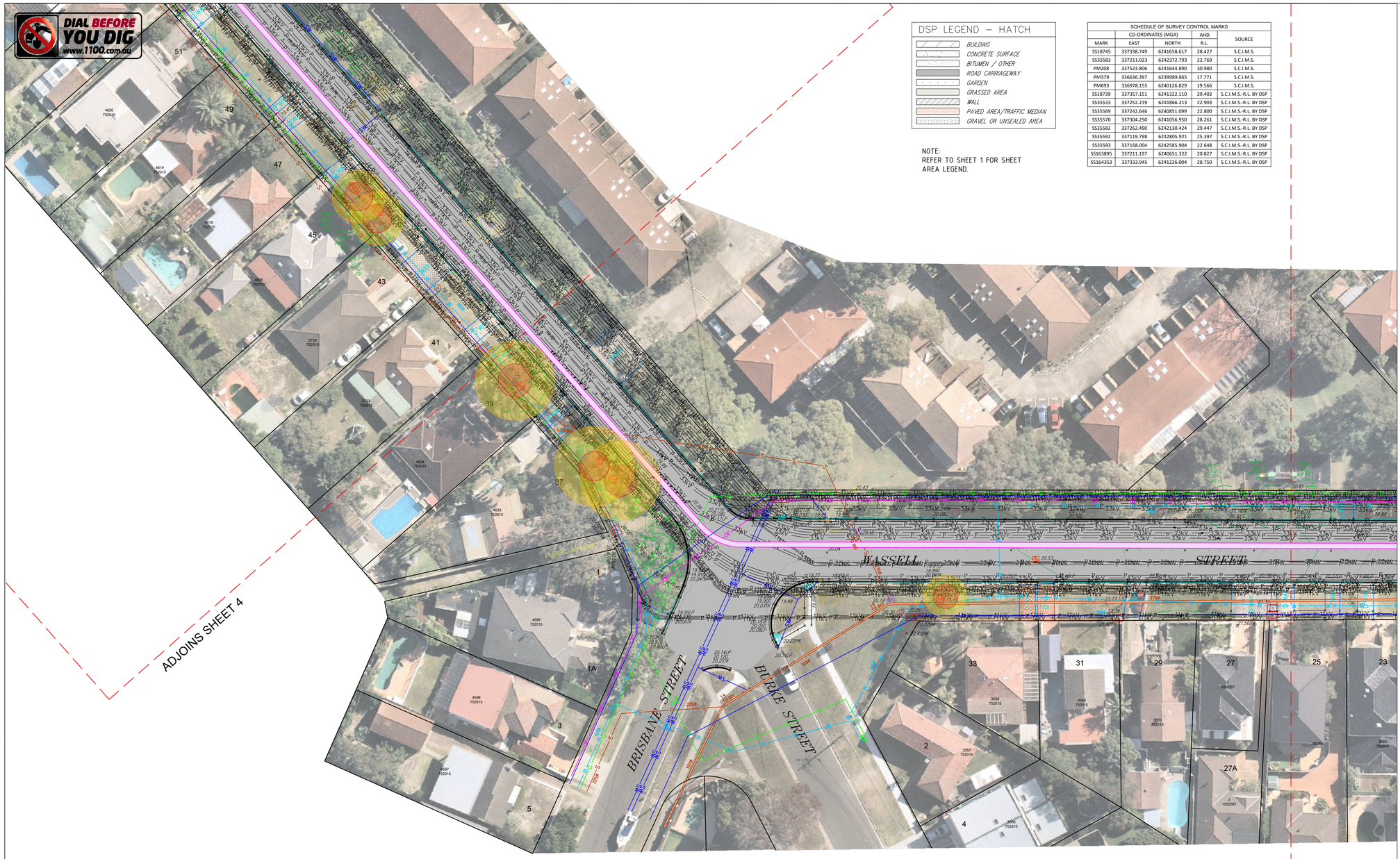
© SV 20180416



DSP LEGEND – HATCH

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MGA 94
NORTH

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ADJOINS SHEET 6

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 5 OF 16

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

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- GRATED DRAINAGE PIT 22.35G
- STORMWATER PIT (<1m) 22.38LP
- STORMWATER PIT (<1m) 23.01LT
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SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

JSV 20190416

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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

SCHEDULE OF SURVEY CONTROL MARKS

MARK	CO-ORDINATES (MGA) EAST	NORTH	AHD R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241332.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
SS35570	337304.250	6241056.950	28.261	S.C.I.M.S.-R.L. BY DSP
SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

SURVEY CONTROL MARK	GAS VALVE BOX	*23.72*	SURVEY SHOT R.L.
TELSTRA PIT – DOUBLE	H.P. GAS PIPELINE MARKER	*22.48K*	TOP OF KERB (CONC.) R.L.
TELSTRA PIT – SINGLE	GRATED DRAINAGE PIT	*22.25G*	GUTTER FLOW LINE (CONC.) R.L.
TELSTRA DISTRIBUTION PILLAR	STORMWATER PIT (<1m)	*22.38LP*	LIP OF KERB (CONC.) R.L.
WATER HYDRANT	STORMWATER PIT (<1m)	*23.01LT*	KERB LINTEL (CONC.) R.L.
WATER STOP VALVE	BOLLARD	*13.16PR*	PRAM RAMP R.L.
SEWER PIT (<1m)	SIGN	*17.12CS*	CONCRETE SLAB R.L.
SEWER LAMPHOLE	MAILBOX	*23.65EB*	EDGE OF BITUMEN R.L.
SEWER VENT PIPE	RUBBISH BIN	*16.01EM*	EDGE OF MEDIAN R.L.
SEWER PIT (RECTANGULAR)	TRAFFIC PIT/JUNCTION BOX	*16.12TM*	TOP OF MEDIAN R.L.
POWER POLE	TRAFFIC LIGHT	*11.60INV*	DRAINAGE PIPE INVERT LEVEL R.L.
POWER & LIGHT POLE		*21.42TW*	TOP OF WALL/RET. WALL R.L.
LIGHT	UNKNOWN PIT	*21.37BW*	BOTTOM OF WALL/RET. WALL R.L.
SMALL ELEC. PIT(<1m)	DRIVEWAY	23a 1	TREE NUMBER (REFER TO SCHEDULE OF TREES)
ELEC. STAY POLE	PRAM RAMP		TREE S20,0 ↔SPREAD; L0A ↕DIAMETER; H10,0 ↕HEIGHT
MISC. UNKNOWN PIT (<1m)	STORMWATER PIT		STRUCTURAL ROOT ZONE
SURVEY SHOT CROSS	TELSTRA PIT		TREE PROTECTION ZONE
APPROX. TREE POSITION (NOT SURVEYED)			

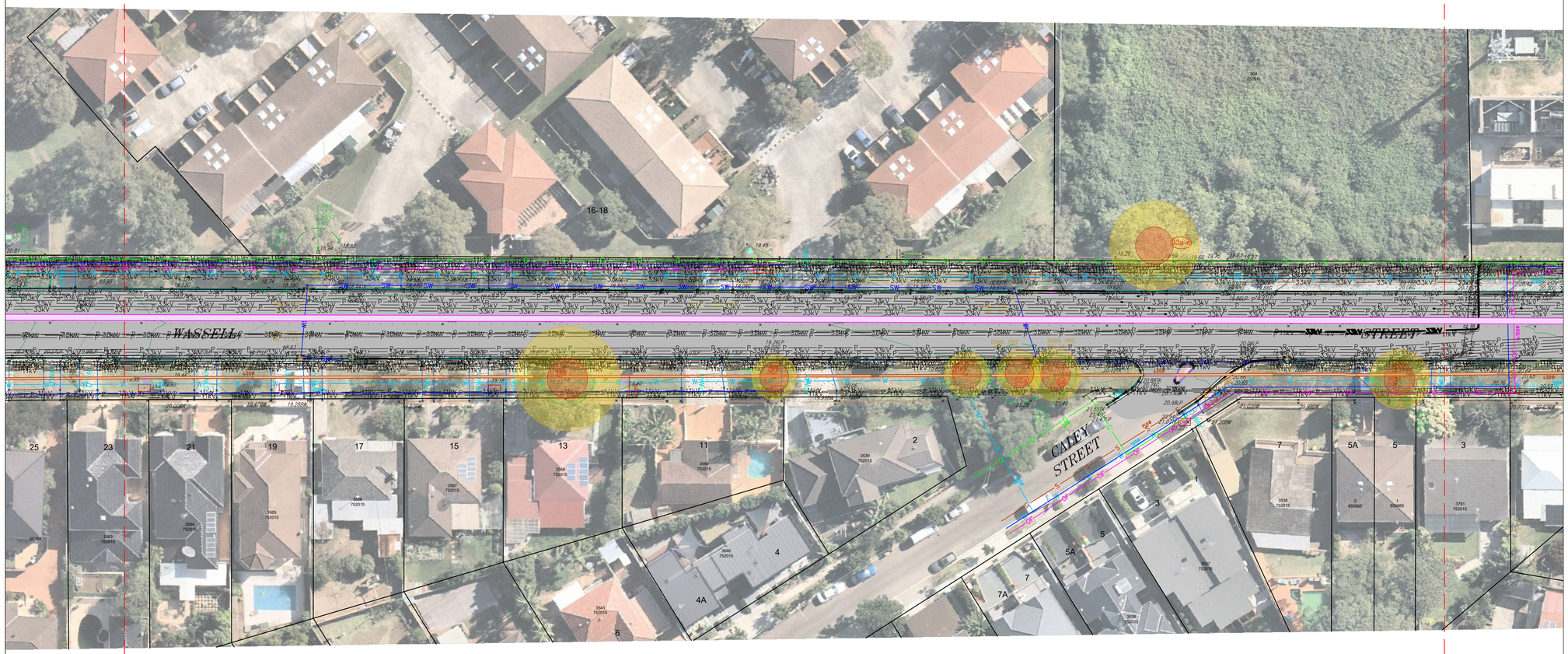
BANK (TOP & BOTTOM)
FENCE
GATE
GUARD RAIL
TOP OF RETAINING WALL
BOTTOM OF RETAINING WALL
STORMWATER PIPE POSITION
MAJOR CONTOUR
MINOR CONTOUR

D S & P
Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

NOTES

1. NO SURVEY HAS BEEN MADE OF THE BOUNDARIES.
2. SERVICES ON THIS PLAN HAVE BEEN PLOTTED BY STATED DIMENSIONS SCALING OR INTERPRETING THE RELEVANT SERVICE AUTHORITY DRAWINGS.
3. THE LOCATION OF OVERHEAD LOW VOLT AND STREET LIGHTING CABLES HAVE NOT BEEN SHOWN ON THIS PLAN
4. PIPE SIZES ON THIS PLAN HAVE BEEN PLOTTED & SHOWN IF INDICATED ON THE RELEVANT SERVICE AUTHORITY DRAWINGS.

THE LOCATION OF SERVICES IS APPROXIMATE ONLY.



ADJOINS SHEET 5

ADJOINS SHEET 7

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 6 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

JSV 20/04/16

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DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

SURVEY CONTROL MARK	GAS VALVE BOX	23.72	SURVEY SHOT R.L.	BANK (TOP & BOTTOM)	
TELSTRA PIT – DOUBLE	H.P. GAS PIPELINE MARKER	22.48TK	TOP OF KERB (CONC.) R.L.	FENCE	
TELSTRA PIT – SINGLE	GRATED DRAINAGE PIT	22.35G	GUTTER FLOW LINE (CONC.) R.L.	GATE	
TELSTRA DISTRIBUTION PILLAR	STORMWATER PIT (<1m)	22.38LP	LIP OF KERB (CONC.) R.L.	GUARD RAIL	
WATER HYDRANT	STORMWATER PIT (<1m)	23.01LT	KERB LINTEL (CONC.) R.L.	TOP OF RETAINING WALL	
WATER STOP VALVE	BOLLARD	13.16PR	PRAM RAMP R.L.	BOTTOM OF RETAINING WALL	
SEWER PIT (<1m)	SIGN	17.12CS	CONCRETE SLAB R.L.	STORMWATER PIPE POSITION	
SEWER LAMPHOLE	MAILBOX	23.65EB	EDGE OF BITUMEN R.L.	MAJOR CONTOUR	
SEWER VENT PIPE	RUBBISH BIN	16.01EM	EDGE OF MEDIAN R.L.	MINOR CONTOUR	
SEWER PIT (RECTANGULAR)	TRAFFIC PIT/JUNCTION BOX	16.12TM	TOP OF MEDIAN R.L.		
POWER POLE	TRAFFIC LIGHT	11.60INV	DRAINAGE PIPE INVERT LEVEL R.L.		
POWER & LIGHT POLE		21.42TW	TOP OF WALL/RET. WALL R.L.		
LIGHT	UKN UNKNOWN PIT	21.37BW	BOTTOM OF WALL/RET. WALL R.L.		
SMALL ELEC. PIT(<1m)	D'WAY DRIVEWAY	23a 1	TREE NUMBER (REFER TO SCHEDULE OF TREES)		
ELEC. STAY POLE	PR PRAM RAMP	TREE S10.0 L0.0 H10.0	=SPREAD =DIAMETER =HEIGHT	STRUCTURAL ROOT ZONE	
MISC. UNKNOWN PIT (<1m)	SW STORMWATER PIT			TREE PROTECTION ZONE	
SURVEY SHOT CROSS	TEL TELSTRA PIT				
APPROX. TREE POSITION (NOT SURVEYED)					

Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

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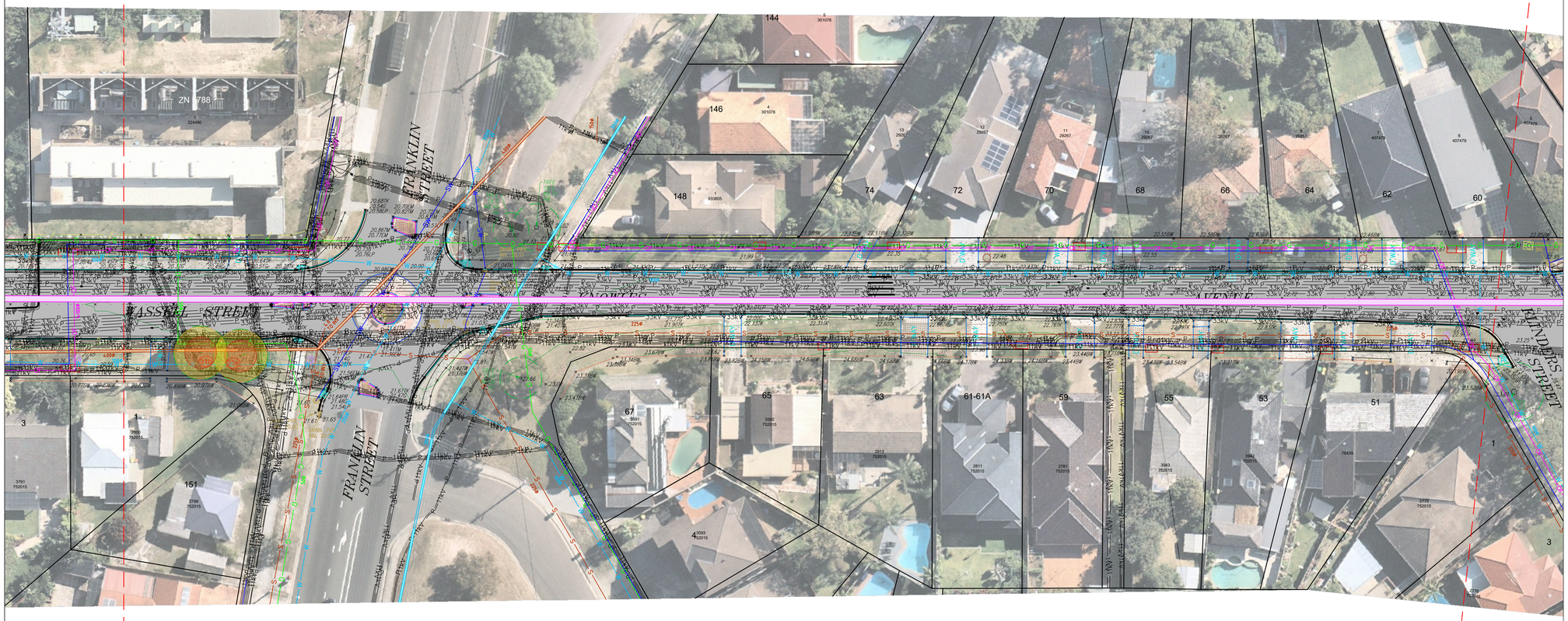

ADJOINS SHEET 6

ADJOINS SHEET 8

MGA 94 — NORTH

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 7 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
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ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
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PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

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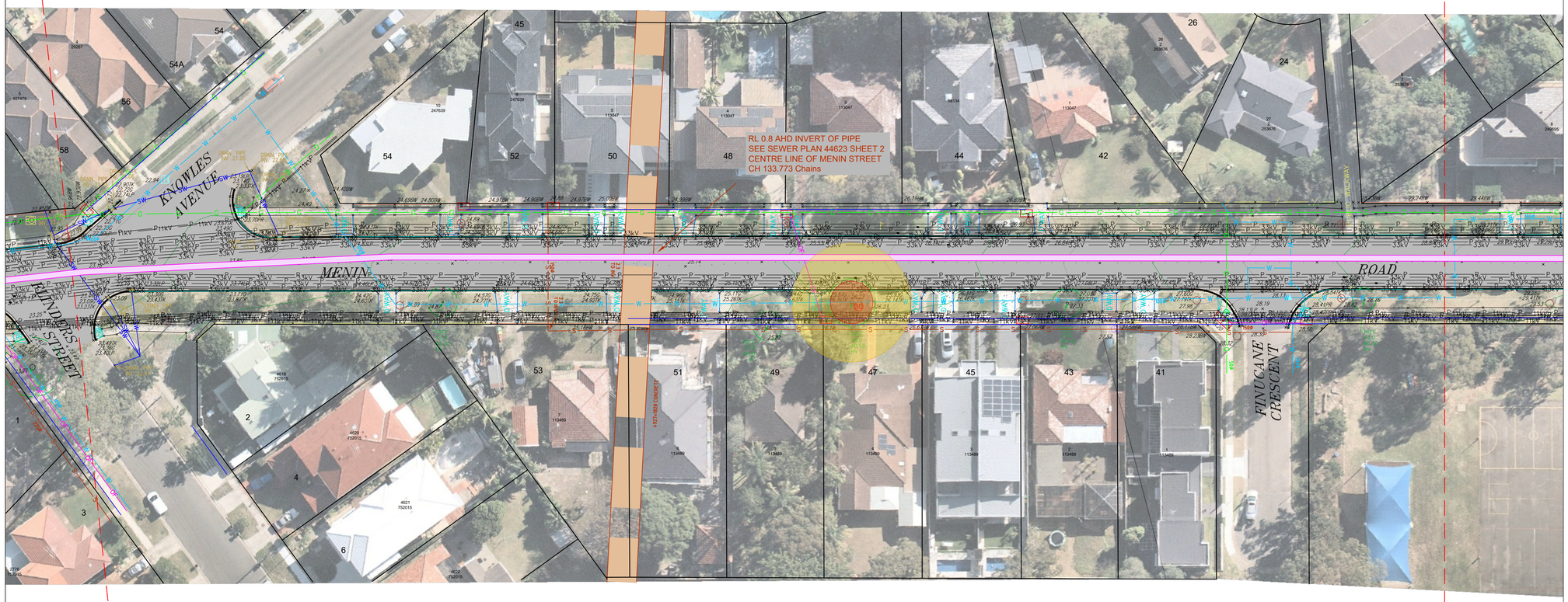

ADJOINS SHEET 7

ADJOINS SHEET 9

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

NOTES

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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

DSP LEGEND – HATCH

- BUILDING
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- BITUMEN / OTHER
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DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX — ×23.72 — SURVEY SHOT R.L.
- H.P. GAS PIPELINE MARKER — 22.461K — TOP OF KERB (CONC.) R.L.
- GRATED DRAINAGE PIT — 22.35G — GUTTER FLOW LINE (CONC.) R.L.
- STORMWATER PIT (<1m) — 22.38LP — LIP OF KERB (CONC.) R.L.
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DSP — Degotardi Smith & Partners — CONSULTING SURVEYORS ESTABLISHED 1957

SHEET 8 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

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ISSUED FOR

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

SCALE	1:400
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DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20604/6

DIAL BEFORE YOU DIG
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ADJOINS SHEET 8

ADJOINS SHEET 10

NOTE:
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DSP LEGEND – HATCH

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SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
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SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

SURVEY CONTROL MARK	GAS VALVE BOX	×23.72
TELSTRA PIT – DOUBLE	H.P. GAS PIPELINE MARKER	22.48TK
TELSTRA PIT – SINGLE	GRATED DRAINAGE PIT	22.35G
TELSTRA DISTRIBUTION PILLAR	STORMWATER PIT (<1m)	22.38LP
WATER HYDRANT	STORMWATER PIT (<1m)	23.01LT
WATER STOP VALVE	BOLLARD	13.16PR
SEWER PIT (<1m)	SIGN	17.12CS
SEWER LAMPHOLE	MAILBOX	23.65EB
SEWER VENT PIPE	RUBBISH BIN	16.01GM
SEWER PIT (RECTANGULAR)	TRAFFIC PIT/JUNCTION BOX	16.12TM
POWER POLE	TRAFFIC LIGHT	11.60NW
POWER & LIGHT POLE		21.42TW
LIGHT	UKN UNKNOWN PIT	21.37BW
SMALL ELEC. PIT(<1m)	D'WAY DRIVEWAY	23a 1
ELEC. STAY POLE	PR PRAM RAMP	
MISC. UNKNOWN PIT (<1m)	SW STORMWATER PIT	
SURVEY SHOT CROSS	TEL TELSTRA PIT	
APPROX. TREE POSITION (NOT SURVEYED)		

SURVEY SHOT R.L.
TOP OF KERB (CONC.) R.L.
GUTTER FLOW LINE (CONC.) R.L.
LIP OF KERB (CONC.) R.L.
KERB LINTEL (CONC.) R.L.
PRAM RAMP R.L.
CONCRETE SLAB R.L.
EDGE OF BITUMEN R.L.
EDGE OF MEDIAN R.L.
TOP OF MEDIAN R.L.
DRAINAGE PIPE INVERT LEVEL R.L.
TOP OF WALL/RET. WALL R.L.
BOTTOM OF WALL/RET. WALL R.L.
TREE NUMBER (REFER TO SCHEDULE OF TREES)

TREE SOLD ×SPREAD I.Ø ×DIAMETER HØ.0 ×HEIGHT

STRUCTURAL ROOT ZONE
TREE PROTECTION ZONE

BANK (TOP & BOTTOM)
FENCE
GATE
GUARD RAIL
TOP OF RETAINING WALL
BOTTOM OF RETAINING WALL
STORMWATER PIPE POSITION
MAJOR CONTOUR
MINOR CONTOUR

DSP Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1997

NOTES

1. NO SURVEY HAS BEEN MADE OF THE BOUNDARIES.
2. SERVICES ON THIS PLAN HAVE BEEN PLOTTED BY STATED DIMENSIONS SCALING OR INTERPRETING THE RELEVANT SERVICE AUTHORITY DRAWINGS.
3. THE LOCATION OF OVERHEAD LOW VOLT AND STREET LIGHTING CABLES HAVE NOT BEEN SHOWN ON THIS PLAN
4. PIPE SIZES ON THIS PLAN HAVE BEEN PLOTTED & SHOWN IF INDICATED ON THE RELEVANT SERVICE AUTHORITY DRAWINGS.

THE LOCATION OF SERVICES IS APPROXIMATE ONLY.

NORTH
MGA 94

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 9 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
DESIGNED	–
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	–
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

20804-16

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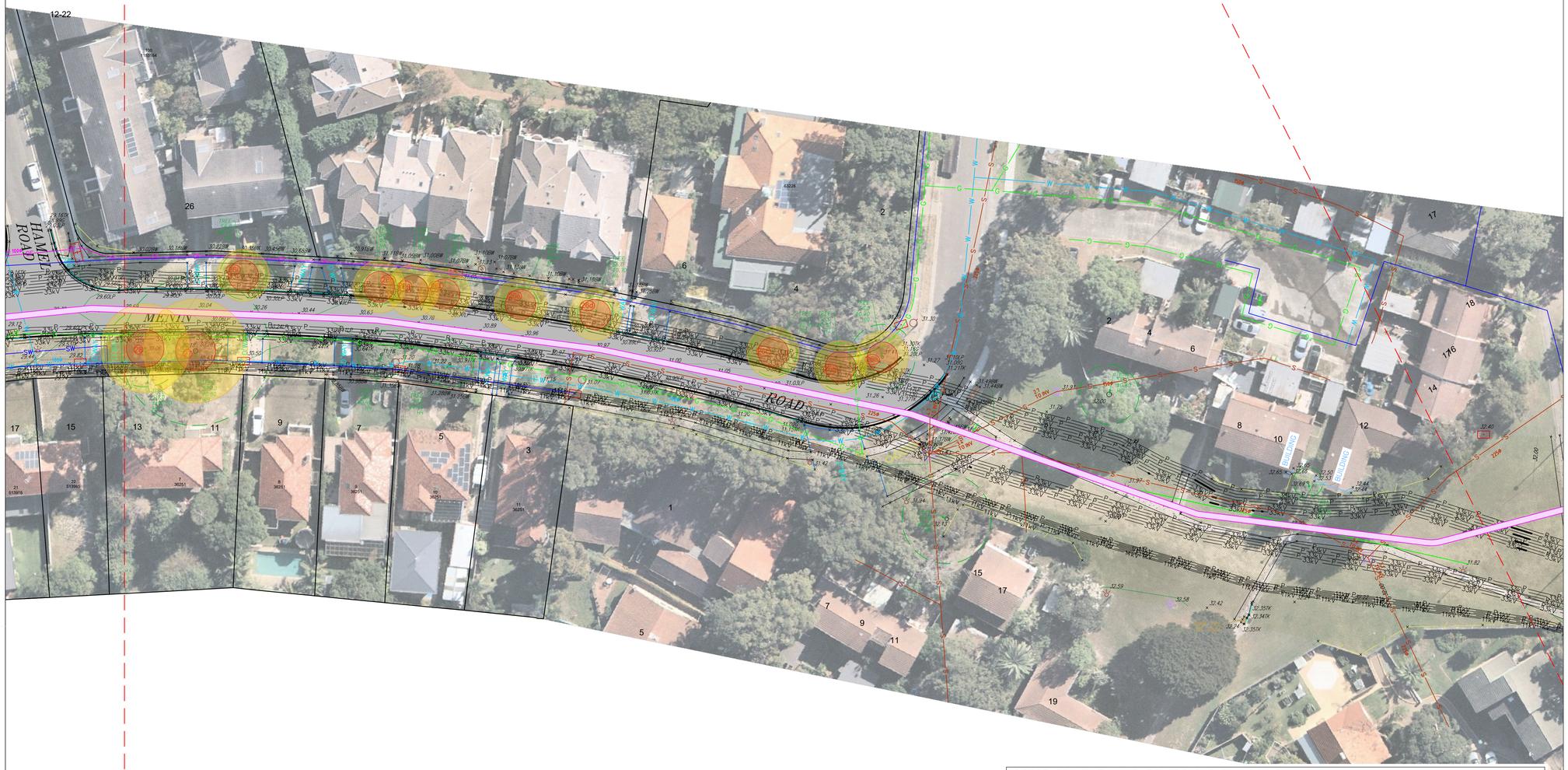
www.1100.com.au



NOTES

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2. SERVICES ON THIS PLAN HAVE BEEN PLOTTED BY STATED DIMENSIONS SCALING OR INTERPRETING THE RELEVANT SERVICE AUTHORITY DRAWINGS.
3. THE LOCATION OF OVERHEAD LOW VOLT AND STREET LIGHTING CABLES HAVE NOT BEEN SHOWN ON THIS PLAN
4. PIPE SIZES ON THIS PLAN HAVE BEEN PLOTTED & SHOWN IF INDICATED ON THE RELEVANT SERVICE AUTHORITY DRAWINGS.

THE LOCATION OF SERVICES IS APPROXIMATE ONLY.

NORTH
MGA 94

LINETYPE LEGEND

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- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
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- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

SCHEDULE OF SURVEY CONTROL MARKS

MARK	CO-ORDINATES (MGA) EAST	NORTH	AHD R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241322.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
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SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
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SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN UNKNOWN PIT
- D'WAY DRIVEWAY
- PR PRAM RAMP
- SW STORMWATER PIT
- TEL TELSTRA PIT
- ×23.72 SURVEY SHOT R.L.
- 22.48TK TOP OF KERB (CONC.) R.L.
- 22.35G GUTTER FLOW LINE (CONC.) R.L.
- 22.38LP LIP OF KERB (CONC.) R.L.
- 23.01LT KERB LINTEL (CONC.) R.L.
- 13.16PR PRAM RAMP R.L.
- 17.12CS CONCRETE SLAB R.L.
- 23.65EB EDGE OF BITUMEN R.L.
- 16.01EM EDGE OF MEDIAN R.L.
- 16.12TM TOP OF MEDIAN R.L.
- 11.60INV DRAINAGE PIPE INVERT LEVEL R.L.
- 21.42TW TOP OF WALL/RET. WALL R.L.
- 21.32BW BOTTOM OF WALL/RET. WALL R.L.
- 23a 1 TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE S10.0 L0.0 H10.0 ↔SPREAD ↕DIAMETER ↑HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- MAJOR CONTOUR
- MINOR CONTOUR

Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1967

SHEET 10 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
DESIGNED	–
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	–
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

ISV 0280546

DIAL BEFORE YOU DIG
www.1100.com.au

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
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SCHEDULE OF SURVEY CONTROL MARKS

	CO-ORDINATES (MGA)		AHD	SOURCE
MARK	EAST	NORTH	R.L.	
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
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DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN UNKNOWN PIT
- D'WAY DRIVEWAY
- PR PRAM RAMP
- SW STORMWATER PIT
- TEL TELSTRA PIT
- 23.72 SURVEY SHOT R.L.
- 22.49TK TOP OF KERB (CONC.) R.L.
- 22.35G GUTTER FLOW LINE (CONC.) R.L.
- 22.38LP LIP OF KERB (CONC.) R.L.
- 23.01LT KERB LINTEL (CONC.) R.L.
- 13.16PR PRAM RAMP R.L.
- 17.12CS CONCRETE SLAB R.L.
- 23.65EB EDGE OF BITUMEN R.L.
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- 16.12TM TOP OF MEDIAN R.L.
- 11.60INV DRAINAGE PIPE INVERT LEVEL R.L.
- 21.42TW TOP OF WALL/RET. WALL R.L.
- 21.37BW BOTTOM OF WALL/RET. WALL R.L.
- 23a 1 TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE S10.0 L0.0 H10.0 = SPREAD = DIAMETER = HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- 3.0 MAJOR CONTOUR
- MINOR CONTOUR

DSP Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

NOTES

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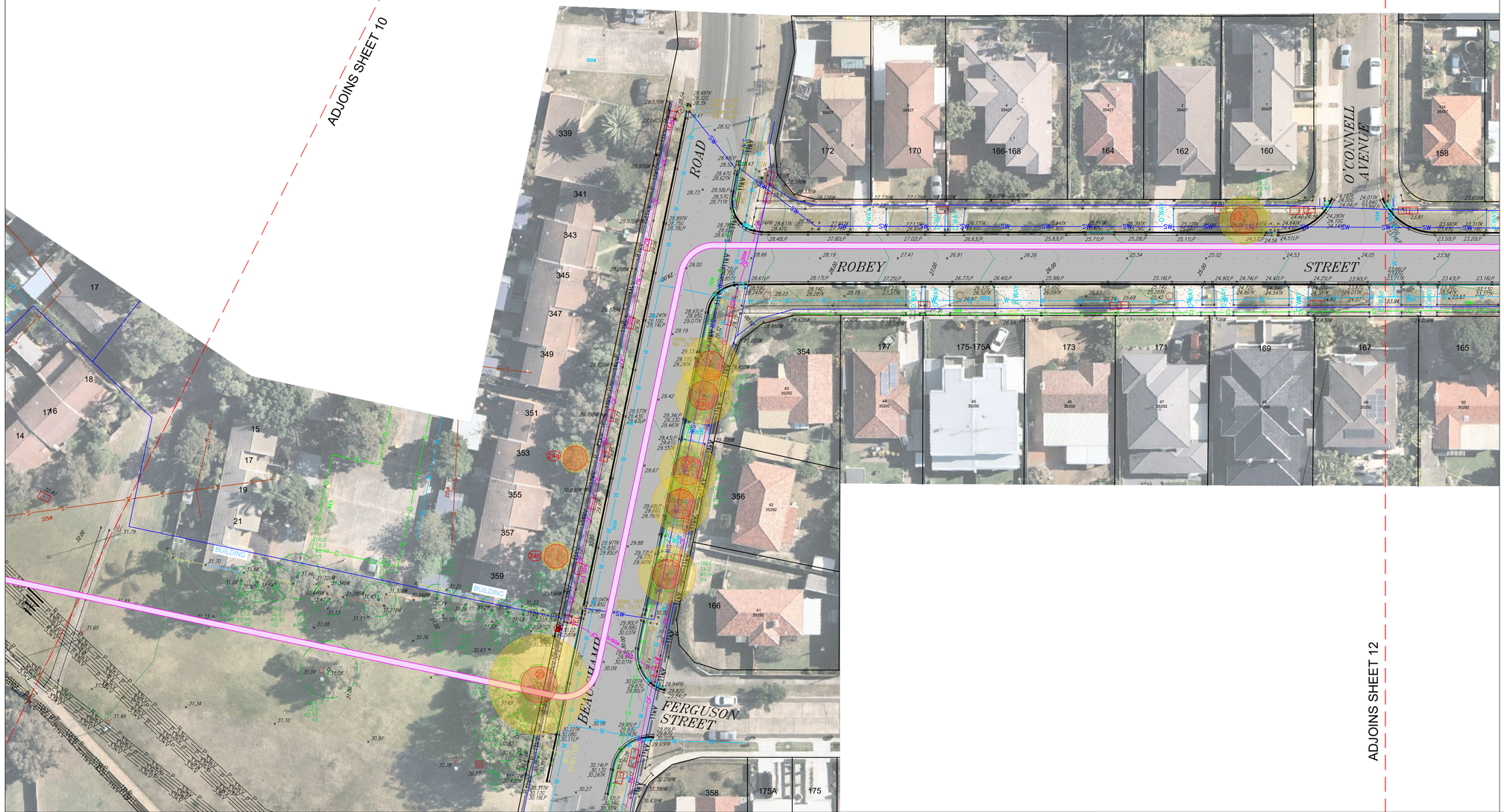
MGA 94 — NORTH

ADJOINS SHEET 10



ADJOINS SHEET 12

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 11 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND
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Ausgrid
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ISSUED FOR

SCALE	1:400
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DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
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MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

© DSP 20180436

DIAL BEFORE YOU DIG
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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
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NOTE:
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SCHEDULE OF SURVEY CONTROL MARKS

	CO-ORDINATES (MGA)			SOURCE
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SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
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SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

	SURVEY CONTROL MARK		GAS VALVE BOX	×23.72	SURVEY SHOT R.L.
	TELSTRA PIT – DOUBLE		H.P. GAS PIPELINE MARKER	22.48TK	TOP OF KERB (CONC.) R.L.
	TELSTRA PIT – SINGLE		GRATED DRAINAGE PIT	22.25G	GUTTER FLOW LINE (CONC.) R.L.
	TELSTRA DISTRIBUTION PILLAR		STORMWATER PIT (<1m)	22.38LP	LIP OF KERB (CONC.) R.L.
	WATER HYDRANT		STORMWATER PIT (<1m)	23.01LT	KERB LINTEL (CONC.) R.L.
	WATER STOP VALVE		BOLLARD	13.16PR	PRAM RAMP R.L.
	SEWER PIT (<1m)		SIGN	17.12CS	CONCRETE SLAB R.L.
	SEWER LAMPHOLE		MAILBOX	23.65EB	EDGE OF BITUMEN R.L.
	SEWER VENT PIPE		RUBBISH BIN	16.01EM	EDGE OF MEDIAN R.L.
	SEWER PIT (RECTANGULAR)		TRAFFIC PIT/JUNCTION BOX	16.12TM	TOP OF MEDIAN R.L.
	POWER POLE		TRAFFIC LIGHT	11.60INV	DRAINAGE PIPE INVERT LEVEL R.L.
	POWER & LIGHT POLE			21.42TW	TOP OF WALL/RET. WALL R.L.
	LIGHT	UKN	UNKNOWN PIT	21.37BW	BOTTOM OF WALL/RET. WALL R.L.
	SMALL ELEC. PIT(<1m)	D'WAY	DRIVEWAY	23a 1	TREE NUMBER (REFER TO SCHEDULE OF TREES)
	ELEC. STAY POLE	PR	PRAM RAMP	TREE S10.0 L0.0 H10.0	=SPREAD =DIAMETER =HEIGHT
	MISC. UNKNOWN PIT (<1m)	SW	STORMWATER PIT		STRUCTURAL ROOT ZONE
	SURVEY SHOT CROSS	TEL	TELSTRA PIT		TREE PROTECTION ZONE
	APPROX. TREE POSITION (NOT SURVEYED)				

BANK (TOP & BOTTOM)
FENCE
GATE
GUARD RAIL
TOP OF RETAINING WALL
BOTTOM OF RETAINING WALL
STORMWATER PIPE POSITION
MAJOR CONTOUR
MINOR CONTOUR

DSP Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

NOTES

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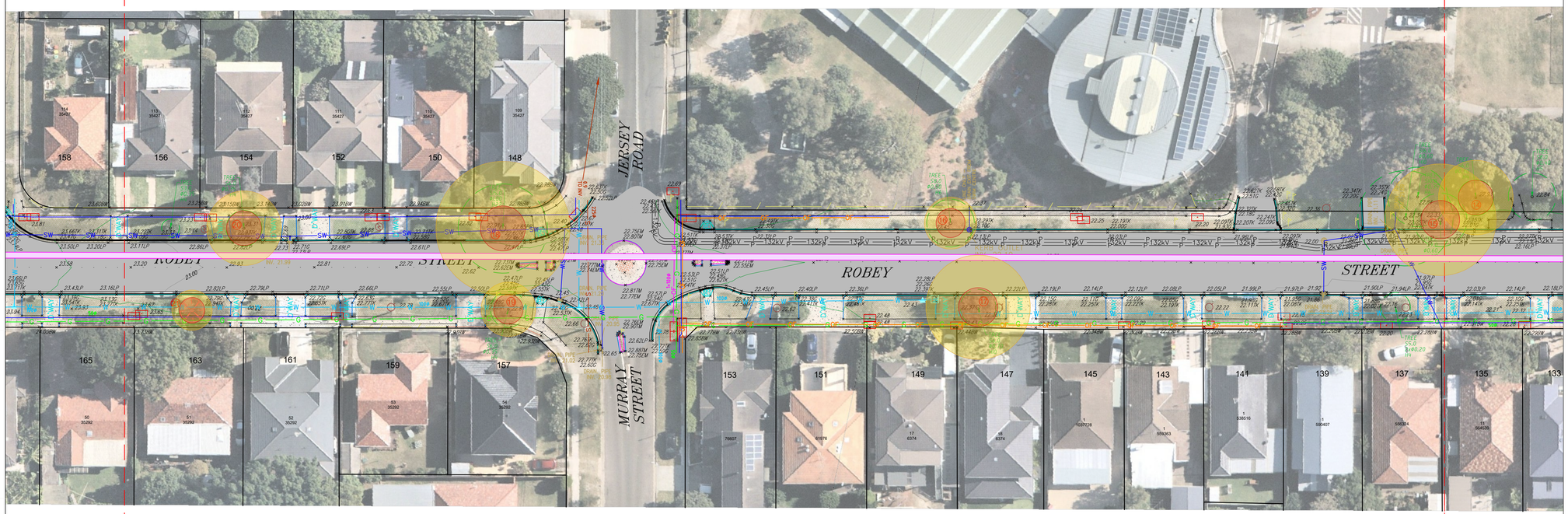
MGA 94
NORTH



ADJOINS SHEET 11

ADJOINS SHEET 13

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
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- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
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- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 12 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20604/6

DIAL BEFORE YOU DIG
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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

SCHEDULE OF SURVEY CONTROL MARKS

	CO-ORDINATES (MGA)		AHD	
MARK	EAST	NORTH	R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
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DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UNKNOWN PIT (UKN)
- DRIVEWAY (D'WAY)
- PRAM RAMP (PR)
- STORMWATER PIT (SW)
- TELSTRA PIT (TEL)
- SURVEY SHOT R.L. — ×23.72
- TOP OF KERB (CONC.) R.L. — 22.48TK
- GUTTER FLOW LINE (CONC.) R.L. — 22.35G
- LIP OF KERB (CONC.) R.L. — 22.38LP
- KERB LINTEL (CONC.) R.L. — 23.01LT
- PRAM RAMP R.L. — 13.16PR
- CONCRETE SLAB R.L. — 17.12CS
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- EDGE OF MEDIAN R.L. — 16.01EM
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- DRAINAGE PIPE INVERT LEVEL R.L. — 11.60INV
- TOP OF WALL/RET. WALL R.L. — 21.42TW
- BOTTOM OF WALL/RET. WALL R.L. — 21.37BW
- TREE NUMBER (REFER TO SCHEDULE OF TREES) — 234a 1
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- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
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- TOP OF RETAINING WALL
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Degotardi Smith & Partners
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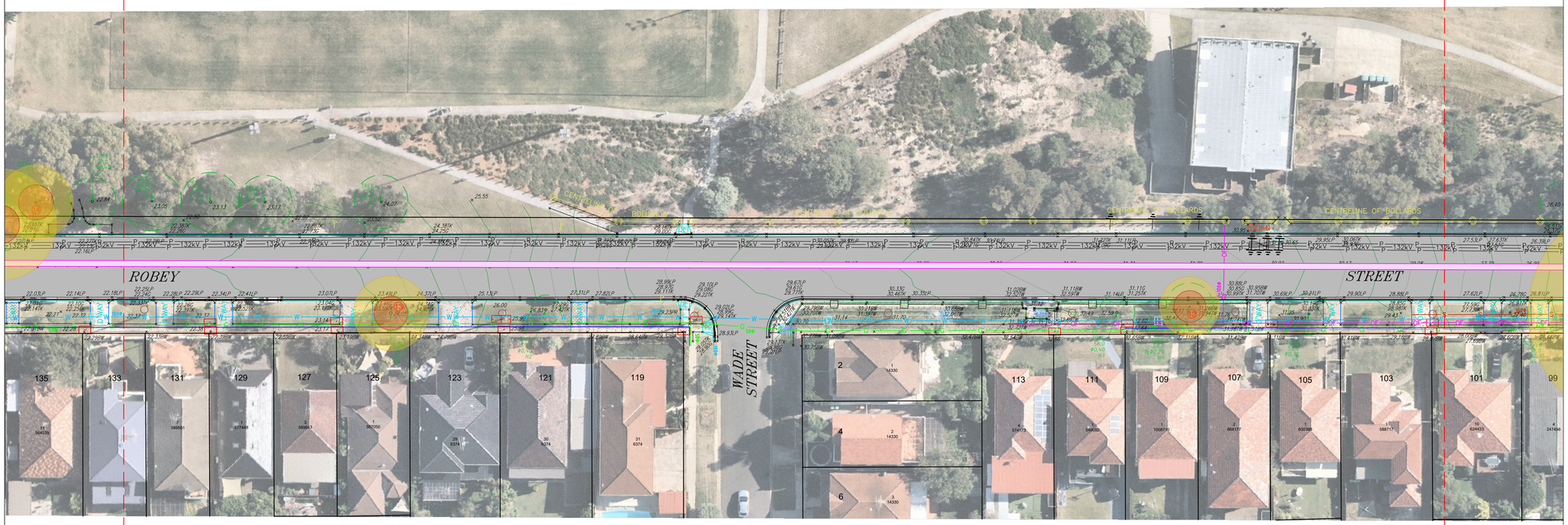
MGA 94 — NORTH



ADJOINS SHEET 12

ADJOINS SHEET 14

LINETYPE LEGEND

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- 132kV — DENOTES 132kV UNDERGROUND CABLE
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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 13 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

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0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
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ASSOCIATED DRAWINGS

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

ISSUED FOR

SCALE	1:400
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DRAWN	KEYVAN SHIRI
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SURVEY No.	19-0403
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DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20190416

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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
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- D'WAY DRIVEWAY
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DSP Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1967

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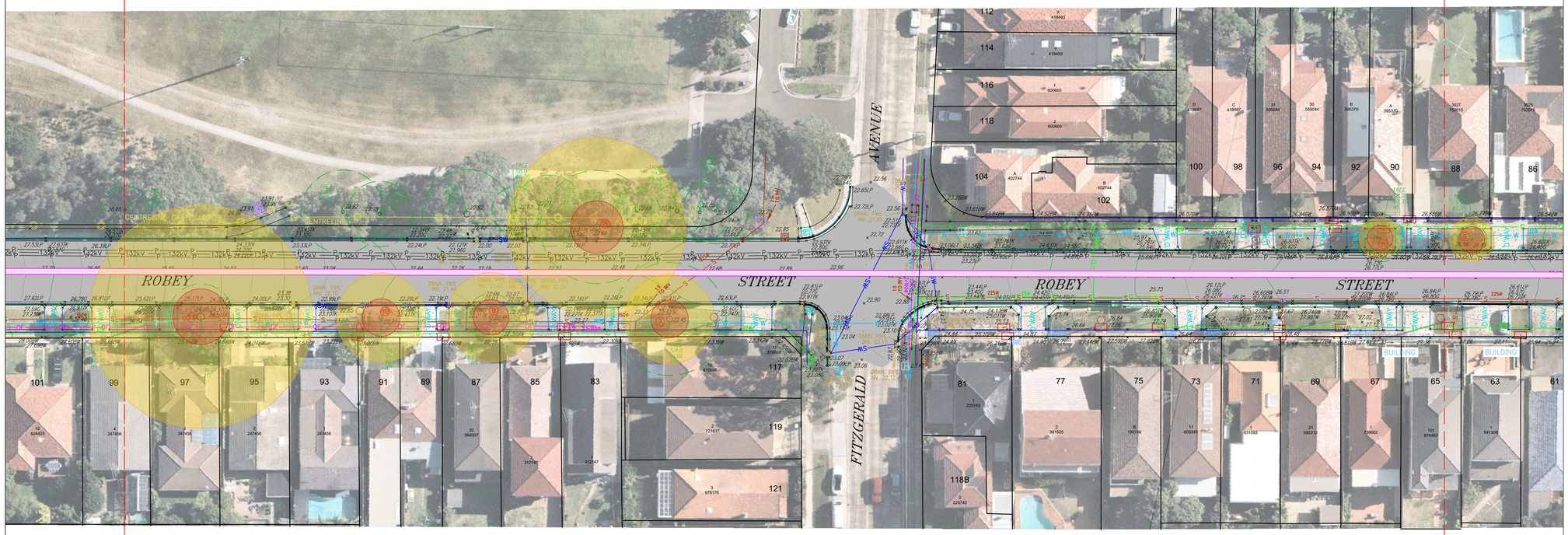

ADJOINS SHEET 13

ADJOINS SHEET 15

MGA 94
NORTH

LINETYPE LEGEND

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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 14 OF 16

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DO NOT MANUALLY AMEND

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DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20180416

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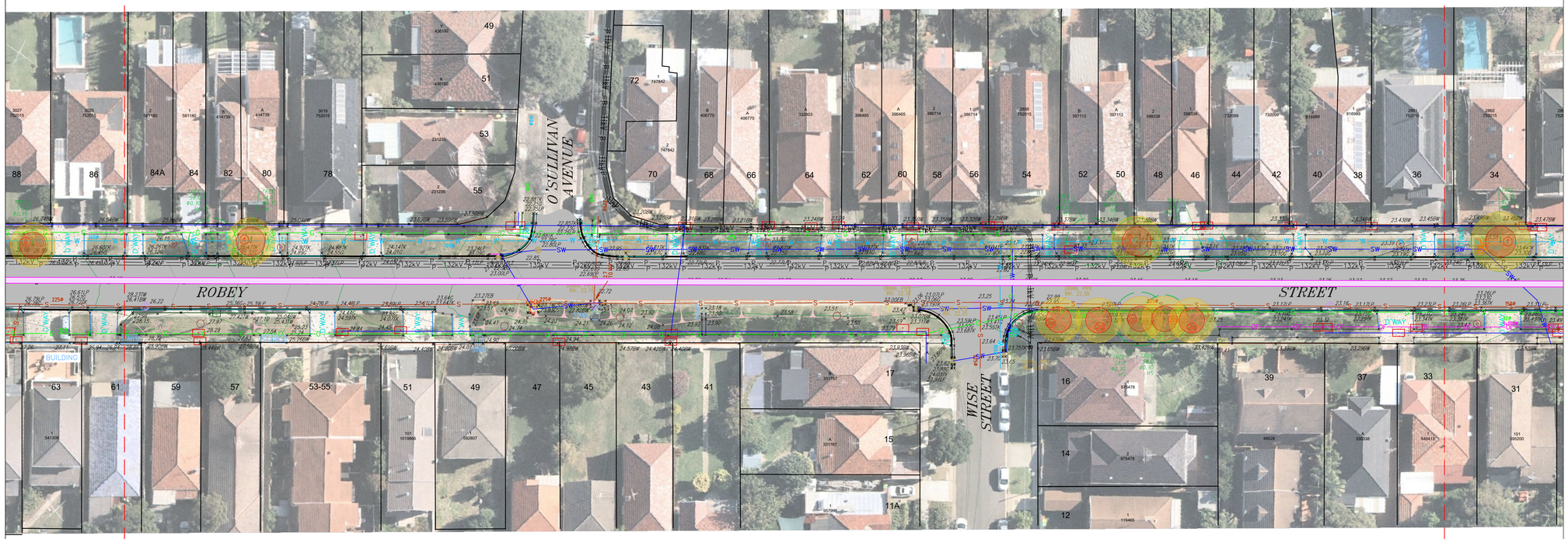

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8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

NOTE:
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DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
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- ROAD CARRIAGEWAY
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- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN — UNKNOWN PIT
- D'WAY — DRIVEWAY
- PR — PRAM RAMP
- SW — STORMWATER PIT
- TEL — TELSTRA PIT
- ×23.72 — SURVEY SHOT R.L.
- 22.46TK — TOP OF KERB (CONC.) R.L.
- 22.35G — GUTTER FLOW LINE (CONC.) R.L.
- 22.38LP — LIP OF KERB (CONC.) R.L.
- 23.01LT — KERB LINTEL (CONC.) R.L.
- 13.16PR — PRAM RAMP R.L.
- 17.12CS — CONCRETE SLAB R.L.
- 23.65EB — EDGE OF BITUMEN R.L.
- 16.01EM — EDGE OF MEDIAN R.L.
- 16.12TM — TOP OF MEDIAN R.L.
- 11.60INV — DRAINAGE PIPE INVERT LEVEL R.L.
- 21.42TW — TOP OF WALL/RET. WALL R.L.
- 21.37BW — BOTTOM OF WALL/RET. WALL R.L.
- 23.0 (1) — TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE: S10.0 =SPREAD; L0.9 =DIAMETER; H10.0 =HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- 3.0 — MAJOR CONTOUR
- MINOR CONTOUR

DSP — Degotardi Smith & Partners — CONSULTING SURVEYORS ESTABLISHED 1957

SHEET 15 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

AMD	DATE	DESCRIPTION	DRAWN BY	DESIGNED BY	CHECKED BY	APPROVED BY
0	22/01/2020	PRELIMINARY ISSUE	KEYVAN SHIRI		DAVID ELFORD	
1	25/03/2020	DEPTHS TO SEWER INVERTS ADDED	ADAM THOMPSON			
2	30/04/20	SEWER DEPTH & TREE SPZ/TPZ DIAMETERS	ADAM THOMPSON			

ASSOCIATED DRAWINGS

ISSUED FOR

Ausgrid
24-28 Campbell Street
SYDNEY NSW 2000

SCALE	1:400
DESIGNED	-
DRAWN	KEYVAN SHIRI
CHECKED	DAVID ELFORD
APPROVED	-
DATE	22.01.2020
SURVEY No.	19-0403
PROJECT NUMBER	900041693/0060

PLAN SHOWING DETAIL & LEVELS OVER WASSELL STREET, MENIN ROAD,ROBEY STREET & PART OF BUNNERONG ROAD, KNOWLES AVENUE & BEAUCHAMP ROAD MATRAVILLE NSW 2036

DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20604/6

DIAL BEFORE YOU DIG
www.1100.com.au

DSP LEGEND – HATCH

- BUILDING
- CONCRETE SURFACE
- BITUMEN / OTHER
- ROAD CARRIAGEWAY
- GARDEN
- GRASSED AREA
- WALL
- PAVED AREA/TRAFFIC MEDIAN
- GRAVEL OR UNSEALED AREA

NOTE:
REFER TO SHEET 1 FOR SHEET AREA LEGEND.

SCHEDULE OF SURVEY CONTROL MARKS

MARK	CO-ORDINATES (MGA) EAST	NORTH	AHD R.L.	SOURCE
SS18745	337338.749	6241658.617	28.427	S.C.I.M.S.
SS35583	337211.023	6242372.793	22.769	S.C.I.M.S.
PM208	337523.806	6241644.890	30.980	S.C.I.M.S.
PM379	336636.397	6239989.865	17.771	S.C.I.M.S.
PM693	336978.155	6240126.829	19.566	S.C.I.M.S.
SS18739	337357.151	6241322.110	29.402	S.C.I.M.S.-R.L. BY DSP
SS35533	337252.219	6241866.213	22.903	S.C.I.M.S.-R.L. BY DSP
SS35569	337242.646	6240851.099	22.800	S.C.I.M.S.-R.L. BY DSP
SS35570	337304.250	6241056.950	28.261	S.C.I.M.S.-R.L. BY DSP
SS35582	337262.490	6242130.424	29.447	S.C.I.M.S.-R.L. BY DSP
SS35592	337119.798	6242805.921	25.397	S.C.I.M.S.-R.L. BY DSP
SS35593	337168.004	6242585.904	22.648	S.C.I.M.S.-R.L. BY DSP
SS163895	337211.197	6240651.322	20.827	S.C.I.M.S.-R.L. BY DSP
SS164353	337333.945	6241226.004	28.750	S.C.I.M.S.-R.L. BY DSP

DEGOTARDI SMITH & PARTNERS SURVEY LEGEND

- SURVEY CONTROL MARK
- TELSTRA PIT – DOUBLE
- TELSTRA PIT – SINGLE
- TELSTRA DISTRIBUTION PILLAR
- WATER HYDRANT
- WATER STOP VALVE
- SEWER PIT (<1m)
- SEWER LAMPHOLE
- SEWER VENT PIPE
- SEWER PIT (RECTANGULAR)
- POWER POLE
- POWER & LIGHT POLE
- LIGHT
- SMALL ELEC. PIT(<1m)
- ELEC. STAY POLE
- MISC. UNKNOWN PIT (<1m)
- SURVEY SHOT CROSS
- APPROX. TREE POSITION (NOT SURVEYED)
- GAS VALVE BOX
- H.P. GAS PIPELINE MARKER
- GRATED DRAINAGE PIT
- STORMWATER PIT (<1m)
- STORMWATER PIT (<1m)
- BOLLARD
- SIGN
- MAILBOX
- RUBBISH BIN
- TRAFFIC PIT/JUNCTION BOX
- TRAFFIC LIGHT
- UKN UNKNOWN PIT
- D'WAY DRIVEWAY
- PR PRAM RAMP
- SW STORMWATER PIT
- TEL TELSTRA PIT
- ×23.72 SURVEY SHOT R.L.
- 22.48TK TOP OF KERB (CONC.) R.L.
- 22.35G GUTTER FLOW LINE (CONC.) R.L.
- 22.38LP LIP OF KERB (CONC.) R.L.
- 23.01LT KERB LINTEL (CONC.) R.L.
- 13.16PR PRAM RAMP R.L.
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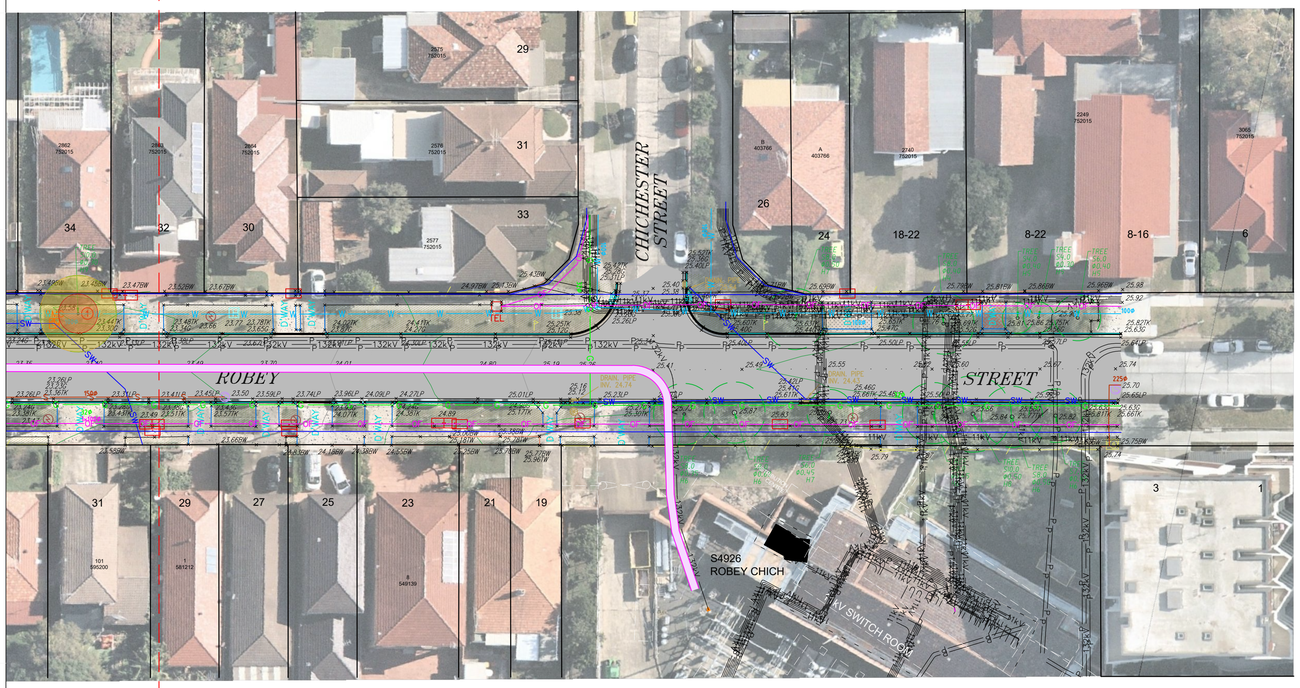
- 16.12TM TOP OF MEDIAN R.L.
- 11.60INV DRAINAGE PIPE INVERT LEVEL R.L.
- 21.42TW TOP OF WALL/RET. WALL R.L.
- 21.37BW BOTTOM OF WALL/RET. WALL R.L.
- 23a 1 TREE NUMBER (REFER TO SCHEDULE OF TREES)
- TREE 5H0.0 LO# H10.0 ±SPREAD ±DIAMETER ±HEIGHT
- STRUCTURAL ROOT ZONE
- TREE PROTECTION ZONE
- BANK (TOP & BOTTOM)
- FENCE
- GATE
- GUARD RAIL
- TOP OF RETAINING WALL
- BOTTOM OF RETAINING WALL
- STORMWATER PIPE POSITION
- 70 MAJOR CONTOUR
- MINOR CONTOUR

DS&P Degotardi Smith & Partners
CONSULTING SURVEYORS ESTABLISHED 1957

NOTES

1. NO SURVEY HAS BEEN MADE OF THE BOUNDARIES.
2. SERVICES ON THIS PLAN HAVE BEEN PLOTTED BY STATED DIMENSIONS SCALING OR INTERPRETING THE RELEVANT SERVICE AUTHORITY DRAWINGS.
3. THE LOCATION OF OVERHEAD LOW VOLT AND STREET LIGHTING CABLES HAVE NOT BEEN SHOWN ON THIS PLAN
4. PIPE SIZES ON THIS PLAN HAVE BEEN PLOTTED & SHOWN IF INDICATED ON THE RELEVANT SERVICE AUTHORITY DRAWINGS.

THE LOCATION OF SERVICES IS APPROXIMATE ONLY.



ADJOINS SHEET 15

MGA 94
NORTH

LINETYPE LEGEND

- 11kV — DENOTES 11kV UNDERGROUND CABLE
- 33kV — DENOTES 33kV UNDERGROUND CABLE
- 132kV — DENOTES 132kV UNDERGROUND CABLE
- 330kV — DENOTES 330kV TRANSGRID UNDERGROUND CABLE
- G — DENOTES MINOR GAS MAIN
- DENOTES MAJOR SEWER PIPE
- S — DENOTES MINOR SEWER PIPE
- DENOTES MAJOR SEWER PIPE
- DENOTES DISUSED SEWER PIPE
- W — DENOTES MINOR WATER MAIN
- DENOTES MAJOR WATER MAIN
- DENOTES DISUSED WATER MAIN
- DENOTES STORMWATER PIPE
- SW — DENOTES MAJOR STORMWATER CHANNEL
- T — DENOTES TELSTRA/TELECOMMUNICATIONS MAIN CABLE
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- OF — DENOTES OPTICAL FIBRE CABLE (BY OTHER SERVICE PROVIDERS)
- SRA — DENOTES STATE RAIL AUTHORITY CABLES
- OF — DENOTES TELECOMMUNICATIONS OPTICAL FIBRE CABLE
- 54680 — DENOTES AUSGRID HIGH VOLTAGE/TRANSMISSION PIT
- DENOTES PROPOSED 132kV FEEDER ROUTE

8 4 0 8 16 24 32 40
SCALE IN METRES ON ORIGINAL DRAWING AT REDUCTION RATIO 1:400

AERIAL IMAGES SUPPLIED BY NEARMAP

SHEET 16 OF 16

CAD DRAWING
DO NOT MANUALLY AMEND

AMENDMENTS

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DOC S DWG No 600036 SHEET AMD 2 SIZE A1

SV 20804/6