



LEGEND

SLA = SURFACE LEVEL ABOVE

AT = ASTRO TURF

BAL = BALCONY

BB = BOTTOM OF BANK

BIN = RUBBISH BIN

BIT = BITUMEN

BLD = EXTERNAL BUILDING

BOL = BOLLARD

BW = BOTTOM WALL

CL = CENTRELINE

COL = COLUMN

CON = CONCRETE

CPIT = COMMUNICATIONS PIT

CSL = COMMUNICATIONS SLA

DD = DISH DRAIN

DK = DECK

DS = DOOR SILL LEVEL

EK = ELECTRICITY KIOSK

EOT = END OF TRACE

EPIT = ELECTRICITY PIT

ESL = ELECTRICITY SLA

FCE = FENCE

FHY = FIRE HYDRANT

FL = FLOOR LEVEL

FOCM = FIBRE OPTIC CABLE MARKER

FOD = FULL OF DEBRIS

FP = FLAG POLE

FSL = FIBRE OPTIC SLA

GATL = GARAGE FLOOR LEVEL

GAR = GARAGE

GF = GUTTER LEVEL

GM = GAS METER

GRT = GRATE

GSL = GAS SLA

GVA = GAS VALVE

HYD = HYDRANT

IL = INVERT LEVEL

LAN = LANDING

LID = MISCELLANEOUS PIT LID

LIN = LINTEL

LP = LIGHT POLE

NS = NATURAL SURFACE

PAR = PARAPET

POST = POST

RF = TOP OF ROOF

RMP = RAMP

RR = ROOF RIDGE

SIP = SEWER INSPECTION PIT

SMH = SEWER MAN HOLE

SSL = SEWER SLA

STR = STAIRS

SVA = STOP VALVE

SWPIT = STORMWATER PIT

SWSL = STORMWATER SLA

TAP = TAP

TB = TOP OF BANK

TFCE = TOP OF FENCE

TG = TOP OF GUTTER

TGB = TOP OF KERB

TLE = TREE LINE

TPIT = TELSTRA PIT

TR = TREE

TSL = TELSTRA SLA

TW = TOP OF WALL

UNS = UNDERSIDE LEVEL

USL = UNKNOWN SERVICE SLA

UTO = UNABLE TO OPEN

VC = VEHICLE CROSSING

WM = WATER METER

WSL = WATER SLA

WT = WATER TANK

WV = WATER VALVE

MGA NORTH

TREE

SPREAD-DIA-HEIGHT

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA GROUND
MARKS ADOPTED: SSM36739, SSM165617

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 36739
R.L. 106.823 (ORDER L2)
SOURCE: S.C.I.M.S. (17/01/18)

5	UPDATE UNDERGROUND SERVICES	17/10/19
4	SERVICES LABELS UPDATED	11/03/19
3	FURTHER SERVICES INVESTIGATION	29/02/19
2	EXTRA DETAIL ADDED	24/01/19
1	FIRST ISSUE	27/02/18

CLIENT:
SCHOOLS INFRASTRUCTURE NSW
LEVEL 8, 259 GEORGE STREET
SYDNEY NSW 2000

SURVEY PLAN
SHOWING DETAIL & LEVELS OVER
CHATSWOOD HIGH SCHOOL
LOT 1 IN DP725204
24 CENTENNIAL AVENUE,
CHATSWOOD NSW 2067

CMS

SURVEYORS

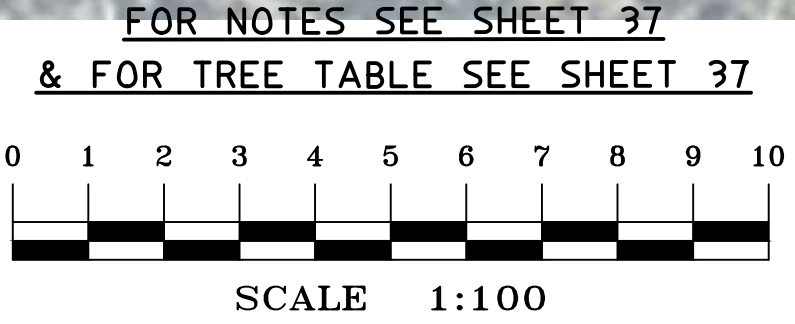
C.M.S. Surveyors

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@cmssurveyors.com.au

LGA: WILLOUGHBY		SHEET 33 OF 37	
SURVEYED PB,BB,TC,ME	DRAWN CJR	CHECKED PB,BB,TC,ME	APPROVED SE & DR
SURVEY INSTRUCTION 11915B		SCALE 1:100 @ A1	DATE OF SURVEY 12-25/01/18, 14-16/01/19
DRAWING NAME 11915Bdetail			ISSUE 5
CAD FILE 11915Bdetail 5.dwg			





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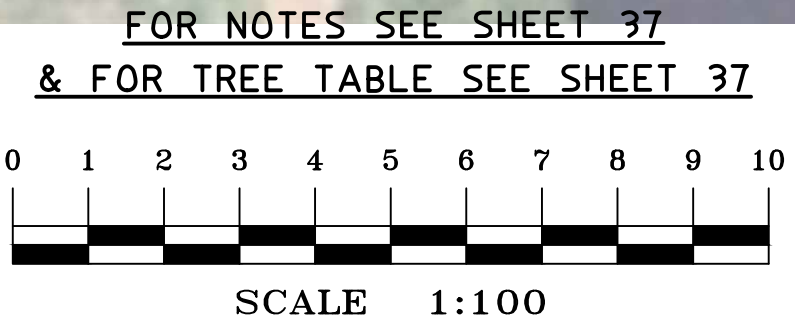
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LGA: WILLOUGHBY		SHEET 35 OF 37	
SURVEYED PB,BB,TC,ME	DRAWN CJR	CHECKED PB,BB,TC,ME	APPROVED SE & DR
SURVEY INSTRUCTION 11915B	SCALE 1:100 @ A1	DATE OF SURVEY 12-25/01/18, 14-16/01/19	
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ADJOINS SHEET 35

ADJOINS SHEET 31

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TREE
SPREAD-DIA-HEIGHT

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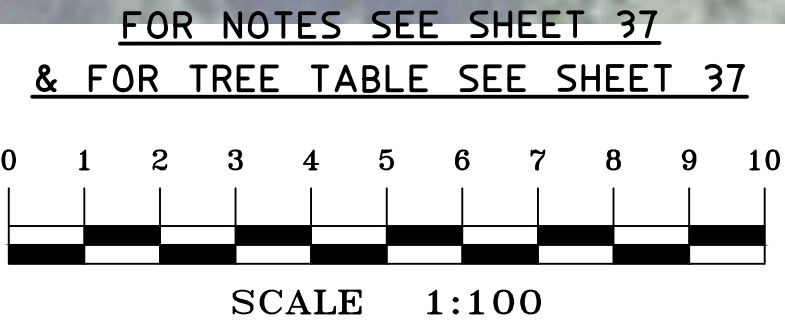
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DRAWING NAME 11915Bdetail			ISSUE 5
CAD FILE 11915Bdetail 5.dwg			



DETAIL NOTES:

Notes:

• **DUE TO INCONSISTENCIES IN THE SUBJECT & SURROUNDING BOUNDARY DEFINITION, BOUNDARIES HAVE BEEN PLOTTED USING A COMBINATION OF INFORMATION SHOWN ON SUBJECT TITLE & SURROUNDING PLANS, & ARE APPROXIMATE ONLY. IF STRUCTURES ARE INTENDED TO BE DESIGNED ON OR ADJACENT TO THE PERIMETER BOUNDARIES OF THE SUBJECT LAND THEN A BOUNDARY SURVEY MUST BE UNDERTAKEN TO ASCERTAIN THE EXACT LOCATION OF THE BOUNDARIES OF THE LAND. - BOUNDARY DEFINITION IS SUBJECT TO FURTHER SURVEY.**

• **IF CONSTRUCTION ON OR NEAR BOUNDARIES IS REQUIRED IT IS RECOMMENDED THAT THE BOUNDARIES OF THE LAND BE MARKED.**

• **THIS DETAIL SURVEY IS NOT A "SURVEY" AS DEFINED BY THE SURVEYING AND SPATIAL INFORMATION ACT, 2002.**

• **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.**

• TREE SIZES ARE ESTIMATES ONLY.

• THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF TSA MANAGEMENT PTY LIMITED.

• 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 (p1100) SHOULD BE USED AND A FULL UTILITY INVESTIGATION, INCLUDING A UTILITY LOCATION SURVEY, SHOULD BE UNDERTAKEN BEFORE CARRYING OUT ANY CONSTRUCTION ACTIVITY IN OR NEAR THE SURVEYED AREA.

• SEWER MAIN PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE TAKEN ON SITE IF CRITICAL.

• CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.

• THIS PLAN IS ONLY TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.

• CONTOURS SHOWN DEPICT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE EXACT LEVEL AT ANY PARTICULAR POINT. ONLY SPOT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.

• CONTOUR INTERVAL - 0.5 metre. - SPOT LEVELS SHOULD BE ADOPTED.

• POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).

• THE INFORMATION IS ONLY TO BE USED AT A SCALE ACCURACY OF 1:800 AND 1:100 AS SHOWN.

• DO NOT SCALE OFF THIS PLAN / FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED READINGS.

• COPYRIGHT © CMS SURVEYORS 2018.

• 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.

TITLE NOTES:

TITLE INDICATES THAT AUTO CONSOL 1447-218 IS SUBJECT TO:

- G259814 LAND EXCLUDES MINERALS (S. 141 PUBLIC WORKS ACT,1912)
- H402469 EASEMENT FOR DRAINAGE AFFECTING THE PART OF LOT 1 DP725204 & LOTS 20 TO 23, SEC. 6 DP2273 SHOWN SO BURDENED IN PLAN WITH H402469
- J108761 EASEMENT FOR DRAINAGE AFFECTING THE PARTS OF LOT 1 DP725204, LOT 20 SEC. 6 & LOT 18 SEC. 7 DP2273 SHOWN SO BURDENED IN PLAN WITH J108761
- AH822553 RIGHT OF WAY 4 WIDE, 5.3 WIDE AND VARIABLE WIDTH AFFECTING PART LOT 1 IN DP725204 DESIGNATED (R) IN DP121119
- AH822553 EASEMENT FOR ELECTRICITY AND OTHER PURPOSES 2 WIDE AND 3.9 WIDE AFFECTING PART LOT 1 IN DP725204 DESIGNATED (E) IN DP121119

NOTE:

A145710: EDITION 3 ISSUED IN ERROR AND DESTROYED. CURRENT CERTIFICATE OF TITLE IS AUTO CONSOL 1447-218 EDITION 2 WHICH SHOULD BE LODGED WITH NEXT DEALING.

SERVICES NOTES:

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: LOCATORS 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 LOCATORS. 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.

LEGEND: (SEE NOTE 1)

- C COMMUNICATIONS LINES (UNDERGROUND)
- EU ELECTRICITY LINE (UNDERGROUND)
- G GAS LINE (UNDERGROUND)
- S SEWER LINE (UNDERGROUND)
- SW STORMWATER LINE (UNDERGROUND)
- T TELSTRA LINES (UNDERGROUND)
- U UNKNOWN SERVICE (UNDERGROUND)
- W WATER DISTRIBUTION LINE (UNDERGROUND)

S_u = SEWER LINE (UNDERGROUND) PLOTTED FROM SERVICE DIAGRAMS, APPROXIMATE POSITION ONLY.

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

LEGEND:

EOT = END OF TRACE
FOD = FULL OF DEBRIS
GPR = GROUND PENETRATING RADAR
HPG = HIGH PRESSURE GAS
NO SIG = NO SIGNAL
REDUN = REDUNDANT
UTO = UNABLE TO OPEN
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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, FLEXAROD/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 POTHOLES WHERE THE UTILITY IS EXPOSED.

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).

EXISTING TREE TABLE:

Point Table		Point Table		Point Table	
Pt. No.	Spread-Dia-Height Tag No	Pt. No.	Spread-Dia-Height Tag No	Pt. No.	Spread-Dia-Height Tag No
404	TR 8-0.45-13	1150	TR 4-2X0.2-6	1626	TR 18-0.6-17 146
649	TR 8-3X0.2-5	1175	TR 5-2X0.2-6	1627	TR 10-0.35-18 144
650	TR 5-2-0.2-9	1189	TR 6-0.3-11.11	1628	TR 20-0.75-22 143
651	TR 8-2X0.2-9	1250	TR 12-0.35-12 14	1629	TR 18-0.5-22 138
689	TR 19-0.45-9 113	1251	TR 10-0.3-13 15	1630	TR 12-0.55-20 139
690	TR 16-0.6-20 114	1382	TR 8-0.75-17 131	1631	TR 22-10.24 132
691	TR 20-0.7-22 115	1383	TR 12-0.7-18	1632	TR 1-0.8-7
692	TR 22-0.7-22 116	1384	TR 2-0.85-10 127	1633	TR 8-0.5-9
693	TR 10-0.5-22 117	1400	TR 16-0.6-17 108	1634	TR 6-0.3-10
694	TR 6-0.2-7	1401	TR 18-0.7-20 107	1635	TR 6-0.3-10
695	TR 14-0.4-20 119	1402	TR 5-0.2-7 106	1636	TR 10-0.4-18 140
696	TR 4-0.6-12 120	1403	TR 4-0.15-8 105	1637	TR 10-0.25-10 141
697	TR 19-0.7-22 121	1404	TR 4-0.15-7 104	1638	TR 28-0.95-25 142
698	TR 24-0.85-22 122	1405	TR 5-0.25-9 103	5854	TR 12-0.6-18
699	TR 20-0.95-22 118	1406	TR 18-0.4-13 102	5855	TR 20-0.5-22 46
700	TR 14-0.65-17 123	1407	TR 9-2X0.2-10 101	5867	TR 7-0.3-16 43
701	TR 22-0.9-24 125	1408	TR 9-2X0.3-14 100	5868	TR 6-3X0.35-16 42
702	TR 24-1.0-25 124	1409	TR 17-0.4-16 98	5869	TR 17-0.4-14 50
723	TR 20-2X0.3-18 128	1410	TR 7-0.2-12 96	6006	TR 16-0.7-16
724	TR 22-1.15-24 129	1411	TR 5-0.2-12 97	6007	TR 8-0.4-12 63
763	TR 17-0.75-18 95	1412	TR 17-0.75-18 95	6008	TR 10-0.35-12 64
764	TR 21-0.7-23 57	1413	TR 9-0.2-8 94	6009	TR 12-0.5-12
765	TR 10-0.5-22 59	1415	TR 8-0.2-6	6054	TR 4-0.2-7
766	TR 20-1.0-22 61	1416	TR 6-0.4-5	6059	TR 5-0.2-6
767	TR 13-0.55-11.60	1417	TR 6-0.2-5	6060	TR 12-0.5-12
768	TR 28-0.85-24 48	1418	TR 6-0.2-5	6078	TR 14-0.8-16 127
769	TR 16-0.5-22 47	1447	TR 12-0.45-17 92	6079	TR 4-0.35-14 129
770	TR 16-0.5-10 49	1448	TR 20-0.75-20 93	6080	TR 14-0.7-18 128
771	TR 14-0.4-20 50	1456	TR 6-0.3-6	6081	TR 5-0.2-15 161
772	TR 14-0.4-18 56	1457	TR 6-2X0.2-6	6082	TR 6-0.3-18 162
773	TR 18-0.5-14 55	1458	TR 8-0.3-8	6083	TR 4-0.2-9
774	TR 12-0.35-11.54	1459	TR 10-0.4-9	6084	TR 8-0.3-13
775	TR 4-0.2-9 53	1460	TR 10-0.4-9		
776	TR 8-0.4-20 51	1493	TR 8-0.35-12 87		
777	TR 9-0.25-10 52	1494	TR 12-0.6-18 86		
778	TR 20-0.7-24 45	1501	TR 14-0.55-18 88		
871	TR 16-0.65-22 65	1505	TR 18-0.6-20		
872	TR 12-0.65-22 64	1506	TR 12-3X0.3-16		
873	TR 15-3X0.25-8 63	1507	TR 20-0.9-22		
874	TR 24-0.6-22 62	1508	TR 6-0.3-7		
904	TR 10-2X0.2-8 66	1509	TR 8-0.4-8		
928	TR 14-0.35-10 70	1540	TR 8-0.8-6		
929	TR 16-0.5-20 71	1541	TR 10-0.4-10		
930	TR 5-0.2-6	1554	TR 30-0.8-24 191		
931	TR 17-0.55-21 68	1555	TR 30-1.0-25 190		
932	TR 18-0.6-21 69	1556	TR 14-0.4-14 188		
933	TR 14-0.5-20 67	1557	TR 16-0.55-20 189		
1039	TR 5-0.2-6 183	1566	TR 18-0.7-9 152		
1040	TR 18-0.6-12 181	1567	TR 18-0.4-9 153		
1041	TR 6-2X0.15-10 184	1568	TR 10-0.35-12 154		
1042	TR 14-0.5-14 182	1577	TR 16-0.6-20		
1043	TR 20-0.9-18 185	1578	TR 8-0.3-6		
1044	TR 18-0.45-18 187	1579	TR 6-0.4-16		
1045	TR 18-1.0-18 186	1580	TR 12-0.9-18		
1070	TR 11-0.35-18 31	1581	TR 26-1.0-22 197		
1071	TR 12-0.3-20 30	1582	TR 7-4X0.2-8 196		
1072	TR 10-0.15-12 29	1583	TR 14-0.7-14 195		
1073	TR 5-0.2-10 24	1584	TR 8-0.4-12 194		
1074	TR 10-0.3-16 23	1585	TR 10-0.3-10 193		
1075	TR 6-0.2-10 22	1586	TR 12-0.35-11 192		
1076	TR 8-0.3-20	1589	TR 18-0.4-20 160		
1077	TR 32-10-26 25	1590	TR 5-0.2-12 162		
1078	TR 26-0.8-26 26	1591	TR 5-0.2-13 161		
1079	TR 6-0.4-10 27	1592	TR 12-0.3-13		
1080	TR 10-0.25-10 28	1593	TR 12-0.3-13		
1081	TR 10-0.4-18 38	1594	TR 12-0.2-13		
1082	TR 3-0.2-17 36	1595	TR 12-0.3-15		
1083	TR 9-0.2-13 37	1596	TR 10-0.25-16 167		
1084	TR 6-0.25-18 35	1597	TR 30-1.0-22 168		
1085	TR 6-0.25-20 34	1598	TR 6-0.2-10 170		
1086	TR 12-0.35-20 32	1599	TR 6-0.2-10 171		
1087	TR 6-0.2-18 33	1600	TR 6-0.3-18 172		
1089	TR 7-0.25-10 77	1601	TR 8-0.35-18 173		
1090	TR 14-0.5-11 76	1602	TR 12-0.4-18 174		
1091	TR 8-2X0.15-9 75	1603	TR 10-0.2-10 175		
1092	TR 16-3X0.2-10 74	1604	TR 18-0.55-20 176		
1093	TR 8-0.25-7 73	1605	TR 6-0.2-16 177		
1094	TR 15-0.5-9 72	1606	TR 14-0.3-20 178		
1096	TR 12-3X0.2-10 78	1607	TR 20-0.5-20 179		
1097	TR 10-0.2-6 79	1608	TR 12-0.35-11 180		
1098	TR 6-0.2-7 80	1609	TR 16-0.8-22		
1099	TR 13-3X0.2-10 81	1610	TR 12-0.3-12 165		
1101	TR 32-0.9-25 19	1611	TR 10-0.2-10 164		
1102	TR 17-0.55-21 18	1612	TR 18-0.6-11 163		
1103	TR 14-0.7-24	1613	TR 9-0.3-14 159		
1106	TR 8-0.3-10 16	1614	TR 10-0.3-10 158		
1107	TR 22-0.55-20 17	1615	TR 20-0.5-23 157		
1108	TR 14-0.5-18	1616	TR 18-0.5-23 156		
1109	TR 5-0.2-6	1617	TR 4-0.3-13 155		
1110	TR 5-0.2-6	1621	TR 18-0.6-12 151		
1111	TR 10-0.4-18	1622	TR 22-0.9-21 150		
1112	TR 8-0.4-12	1623	TR 14-0.4-16 149		
1114	TR 8-0.4-8	1624	TR 12-3X0.3-9 148		
1115	TR 14-0.6-18 3	1625	TR 16-0.45-17 147		

NEW TREE TABLE:

New Point Table		New Point Table		New Point Table	
Pt. No.	Spread-Dia-Height	Pt. No.	Spread-Dia-Height	Pt. No.	Spread-Dia-Height
10000	TR 16-0.7-16	10144	TR 8-0.3-20	20364	TR 4-0.1-6
10001	TR 8-0.3-12	10145	TR 30-1.0-30	20365	TR 4-M-4
10002	TR 10-0.2-10	10159	TR 3-0.1-12	20366	TR 15-0.6-22
10003	TR 8-0.2-8	10160	TR 6-0.2-20	20367	TR 6-0.3-12
10004	TR 8-0.5-7	10161	TR 6-0.2-18	20368	TR 15-0.6-25
10005	TR 8-0.5-18	10162	TR 3-0.1-12	20369	TR 10-0.4-12
10006	TR 3-0.2-7	10163	TR 4-0.1-14	20370	TR 4-M-4
10007	TR 20-0.7-18	10164	TR 2-0.1-8	20371	TR 4-M-4
10008	TR 15-0.7-16	10165	TR 16-0.5-30	20372	TR 4-0.1-10
10009	TR 3-0.05-7	10166	TR 6-0.3-20	20373	TR 15-10-30
10010	TR 3-0.1-4	10167	TR 3-0.1-8	20374	TR 12-0.3-18
10011	TR 2-0.1-4	10168	TR 2-0.1-8	20375	TR 4-M-5
10012	TR 16-0.8-20	10169	TR 6-0.2-14	20376	TR 15-0.6-25
10013	TR 3-2X0.05-4	10170	TR 5-0.2-14	20377	TR 4-0.1-8
10014	TR 7-0.3-18	10171	TR 4-2X0.1-4	20378	TR 4-M-5
10015	TR 2-0.05-6	10172	TR 7-0.3-15	20379	TR 5-0.1-8
10016	TR 10-0.2-12	10173	TR 16-0.4-25	20380	TR 4-0.1-10
10017	TR 5-0.1-10	10174	TR 6-0.4-25	20381	TR 15-0.8-25
10018	TR 12-0.4-20	10175	TR 3-0.1-18	20398	TR 15-1.1-30
10019	TR 1-0.7-10	10176	TR 5-M-8	20399	TR 6-0.2-6
10020	TR 6-0.3-20	10177	TR 3-0.2-10	20400	TR 8-0.5-14
10021	TR 5-0.15-15	10178	TR 4-0.2-15	20401	TR 10-0.5-20
10022	TR 5-2X0.1-10	10179	TR 18-0.5-25	20402	TR 8-0.4-18
10023	TR 16-0.4-16	10180	TR 6-0.4-15	20403	TR 5-0.2-4
10024	TR 30-1.4-25	10181	TR 20-0.5-25	20404	TR 5-0.2-4
10025	TR 3-0.1-8	10182	TR 10-0.3-18	20405	TR



Job No 15511890

Phone: 1100
www.1100.com.au

Caller Details

Contact: Mrs Durkin Construction Office

Company: Durkin Construction

Address: 39 Waterview St
Five Dock NSW 2046

Caller Id: 1738685

Mobile: Not Supplied

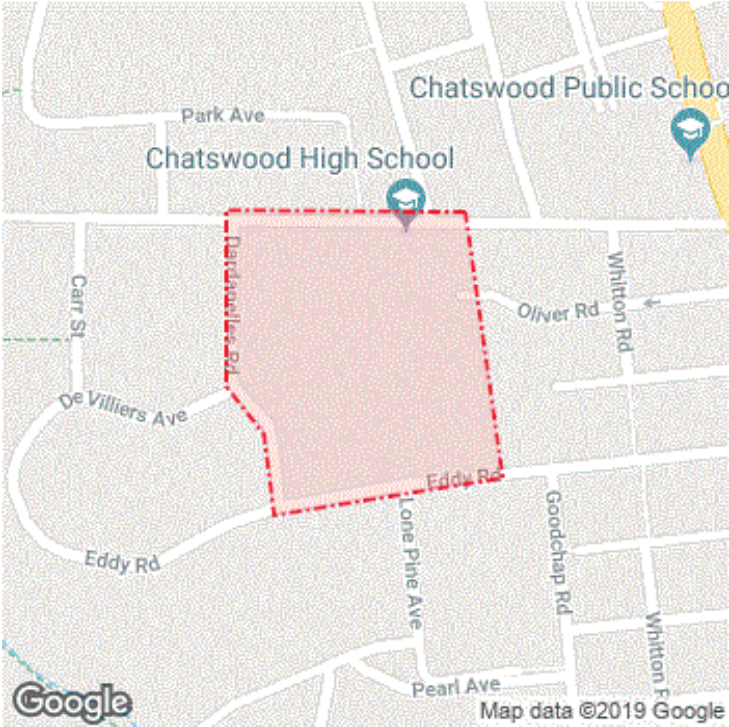
Email: durkindbyd@gmail.com

Phone: 0297120308

Fax: 0297120308

Dig Site and Enquiry Details

WARNING: The map below only displays the location of the proposed dig site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.



User Reference: Not Supplied

Working on Behalf of: Private

Enquiry Date: 02/01/2019

Start Date: 31/01/2019

End Date: 31/01/2019

Address:
24 Centennial Ave
Chatswood NSW 2067

Job Purpose:
Excavation

Location of Workplace:
Both

Onsite Activity:
Mechanical Excavation

Location in Road:
CarriageWay, Footpath, Nature Strip

- Check the location of the dig site is correct. If not submit a new enquiry.
 - If the scope of works change, or plan validity dates expire, resubmit your enquiry.
 - Do NOT dig without plans. Safe excavation is your responsibility. If you do not understand the plans or how to proceed safely, please contact the relevant asset owners.

Notes/Description of Works:
Can I have a plans in pdf or in dwf if possible

Your Responsibilities and Duty of Care

- If plans are not received within 2 working days, contact the asset owners directly & quote their Sequence No.
- ALWAYS perform an onsite inspection for the presence of assets. Should you require an onsite location, contact the asset owners directly. Please remember, plans do not detail the exact location of assets.
- Pothole to establish the exact location of all underground assets using a hand shovel, before using heavy machinery.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.
- If you damage an underground asset you MUST advise the asset owner immediately.
- By using this service, you agree to Privacy Policy and the terms and disclaimers set out at www.1100.com.au
- For more information on safe excavation practices, visit www.1100.com.au

Asset Owner Details

The assets owners listed below have been requested to contact you with information about their asset locations within 2 working days. Additional time should be allowed for information issued by post. It is **your responsibility** to identify the presence of any underground assets in and around your proposed dig site. Please be aware, that not all asset owners are registered with the Dial Before You Dig service, so it is **your responsibility** to identify and contact any asset owners not listed here directly.

** Asset owners highlighted by asterisks ** require that you visit their offices to collect plans.

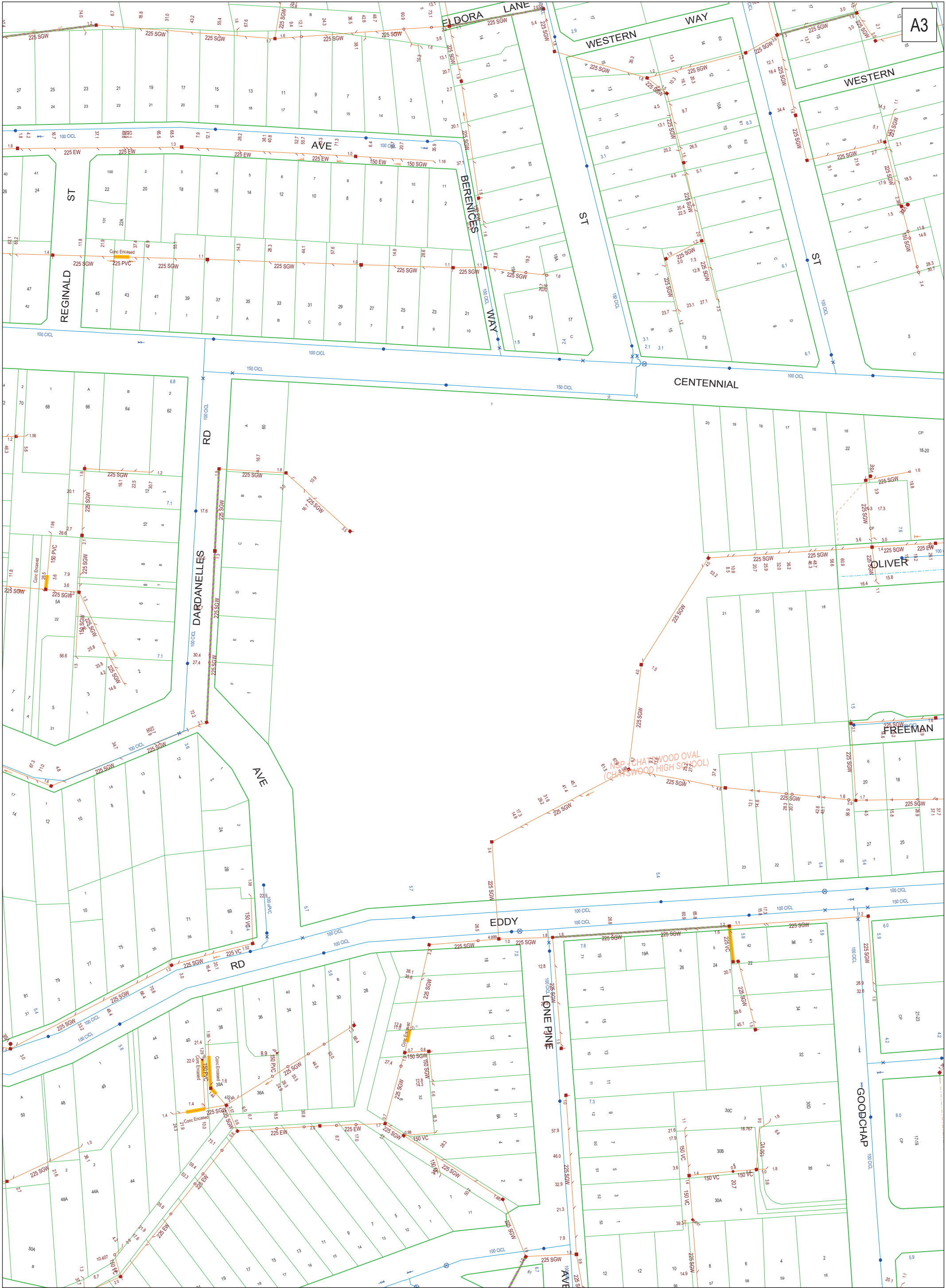
Asset owners highlighted with a hash require that you call them to discuss your enquiry or to obtain plans.

Seq. No.	Authority Name	Phone	Status
78815358	Ausgrid	0249510899	NOTIFIED
78815361	Jemena Gas North	1300880906	NOTIFIED
78815363	NBN Co, NswAct	1800626762	NOTIFIED
78815360	Optus and/or Uecomm, Nsw	1800505777	NOTIFIED
78815362	Sydney Water	132092	NOTIFIED
78815359	Telstra NSW, Central	1800653935	NOTIFIED
78815357	Willoughby City Council	0297771000	NOTIFIED

END OF UTILITIES LIST

No Tram Track

Lodge Your Free Enquiry Online – 24 Hours a Day, Seven Days a Week



A3

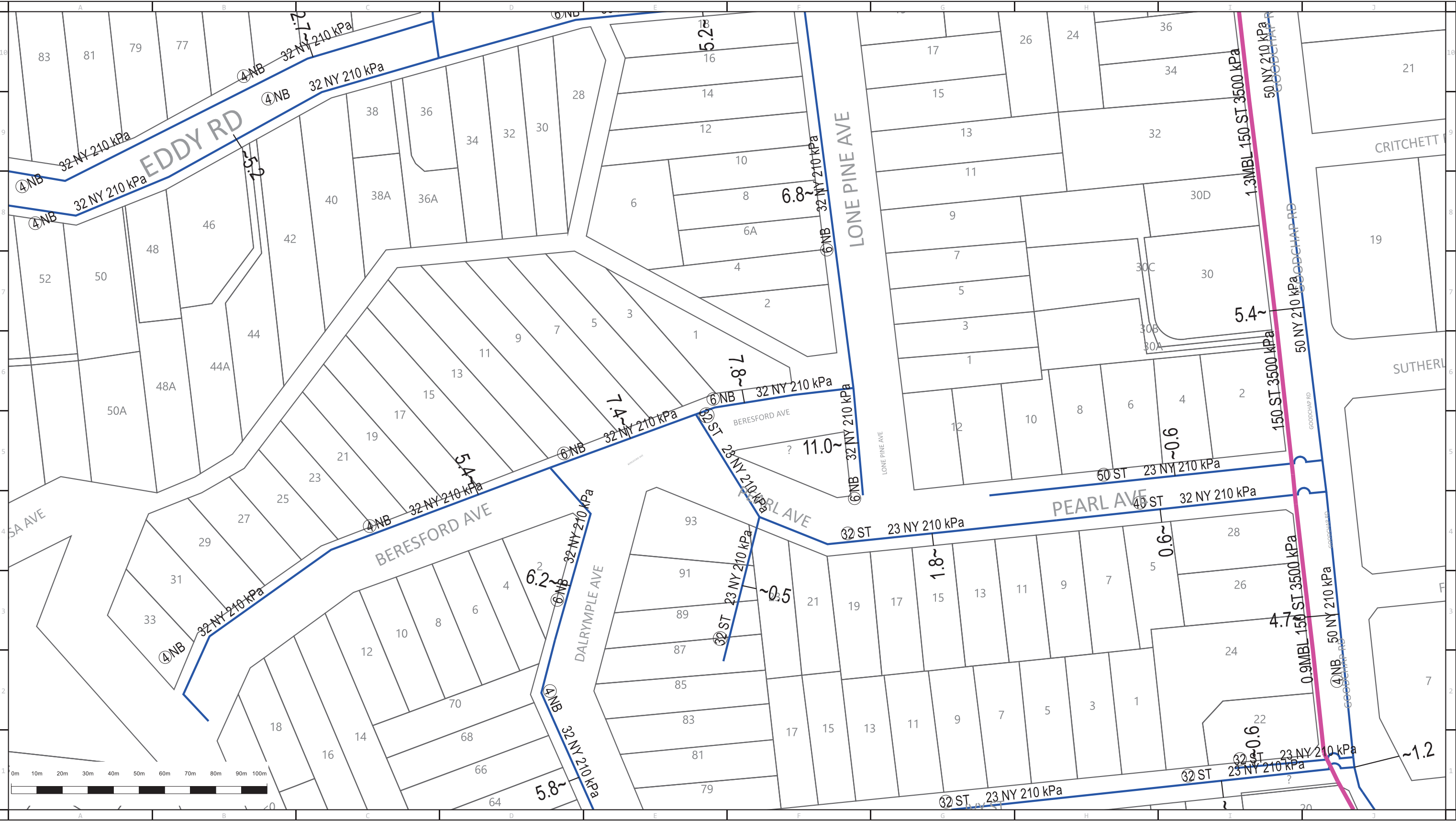
DBYD Address:
24 Centennial Ave
Chatswood NSW 2067

DBYD Job No: 15511890
DBYD Sequence No: 78815362

Copyright Reserved Sydney Water 2019
No warranty is given that the information shown is complete or accurate.
SYDNEY WATER CORPORATION

Scale: 1:1500
Date of Production: 02/01/2019

Plan 1 of 1
0m 7m 14m 21m 28m





ABN 87 003 004 322

Main	In Service	Proposed	Main	In Service	Proposed
Unknown Pressure	-----	-----	Distribution - 210 kPa	-----	-----
Distribution - 2 kPa	-----	-----	Distribution - 300 kPa	-----	-----
Distribution - 7 kPa	-----	-----	Distribution - 400 kPa	-----	-----
Distribution - 30 kPa	-----	-----			
Distribution - 100 kPa	-----	-----			

High Pressure Main & Pipeline	In Service	Proposed
Secondary - 1050 kPa	-----	-----
Secondary Service	-----	-----
Primary - 3500 kPa	-----	-----
JGN Trunk - 7000 kPa	-----	-----
Transmission	-----	-----

Fittings, Valves & Regulators	
Siphon	Symbol
Valve	Symbol
Distance in metres of Main from Boundary Line	~ 1.5
MBK = Metres Back of Kerb	
MFL = Metres from Fence Line	
Regulator Set	Symbol
Regulator Station	Symbol
Automatic Line Break Valve	Symbol



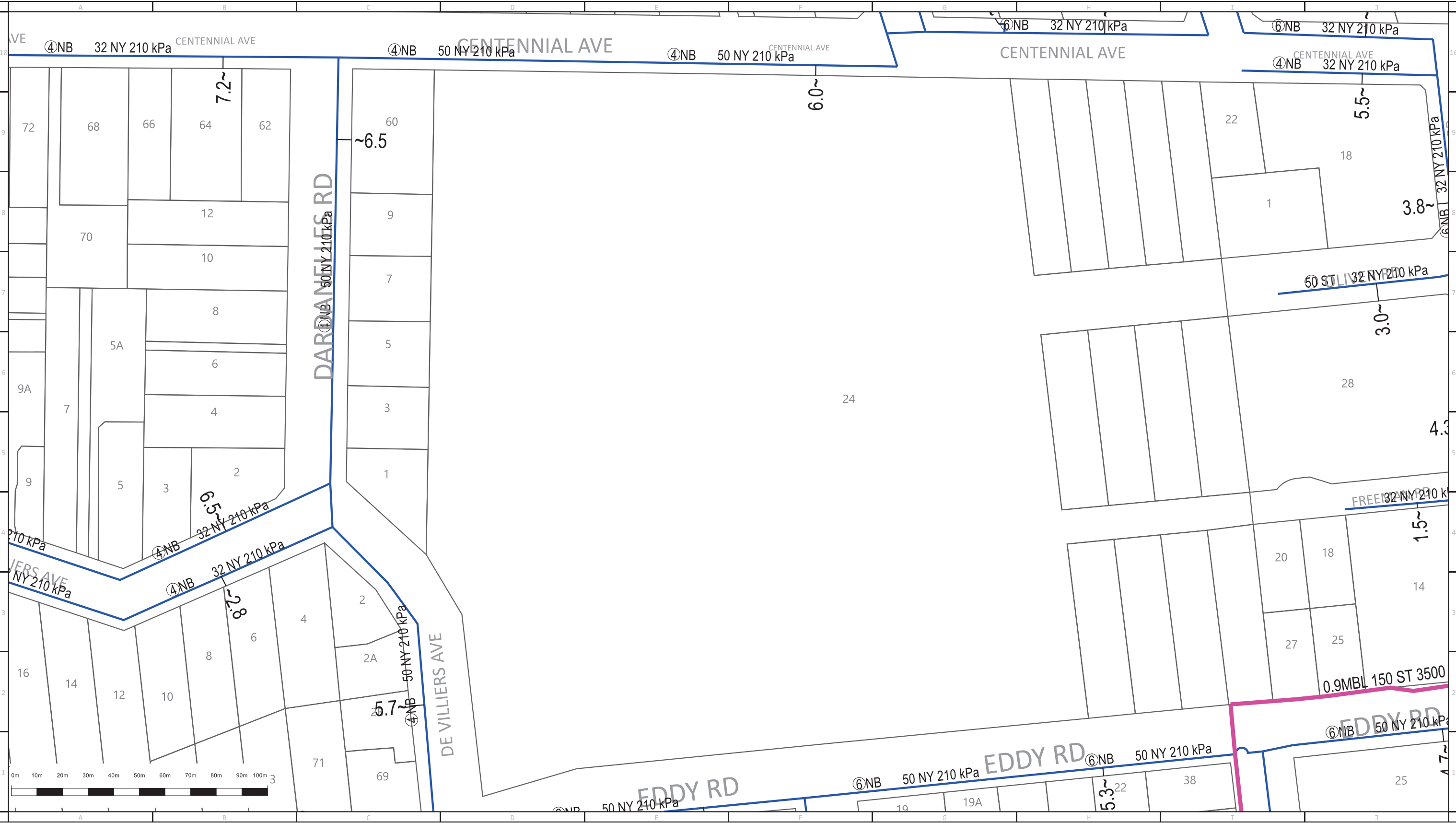
Scale:1:2000

Issue Date: 02/01/2019

DBYD Seq No: 78815361

DBYD Job No: 15511890

WARNING: This is a representation of Jemena Gas Networks underground assets only and may not indicate all assets in the area. It must not be used for the purpose of exact asset location in order to undertake any type of excavation. This plan is diagrammatic only, and distances scaled from this plan may not be accurate. Please read all conditions and information on the attached information sheet. This extract is subject to those conditions. The information contained on this plan is only valid for 28 days from the date of issue.





ABN 87 003 004 322

Main	In Service	Proposed	Main	In Service	Proposed	High Pressure Main & Pipeline	In Service	Proposed	Fittings, Valves & Regulators	
Unknown Pressure	-----	-----	Distribution - 210 kPa	-----	-----	Secondary - 1050 kPa	-----	-----	Siphon	Regulator Set
Distribution - 2 kPa	-----	-----	Distribution - 300 kPa	-----	-----	Secondary Service	-----	-----	Valve	Regulator Station
Distribution - 7 kPa	-----	-----	Distribution - 400 kPa	-----	-----	Primary - 3500 kPa	-----	-----	Distance in metres of Main from Boundary Line ~ 1.5	Automatic Line Break Valve
Distribution - 30 kPa	-----	-----				JGN Trunk - 7000 kPa	-----	-----	MBK = Metres Back of Kerb	
Distribution - 100 kPa	-----	-----				Transmission	-----	-----	MFL = Metres from Fence Line	



Scale:1:2000

Issue Date: 02/01/2019

DBYD Seq No: 78815361

DBYD Job No: 15511890

WARNING: This is a representation of Jemena Gas Networks underground assets only and may not indicate all assets in the area. It must not be used for the purpose of exact asset location in order to undertake any type of excavation. This plan is diagrammatic only, and distances scaled from this plan may not be accurate. Please read all conditions and information on the attached information sheet. This extract is subject to those conditions. The information contained on this plan is only valid for 28 days from the date of issue.





ABN 87 003 004 322

Main	In Service	Proposed	Main	In Service	Proposed	High Pressure Main & Pipeline	In Service	Proposed	Fittings, Valves & Regulators
Unknown Pressure	-----	-----	Distribution - 210 kPa	-----	-----	Secondary - 1050 kPa	-----	-----	Siphon
Distribution - 2 kPa	-----	-----	Distribution - 300 kPa	-----	-----	Secondary Service	-----	-----	Valve
Distribution - 7 kPa	-----	-----	Distribution - 400 kPa	-----	-----	Primary - 3500 kPa	-----	-----	Distance in metres of Main from Boundary Line ~ 1.5
Distribution - 30 kPa	-----	-----				JGN Trunk - 7000 kPa	-----	-----	MBK = Metres Back of Kerb
Distribution - 100 kPa	-----	-----				Transmission	-----	-----	MFL = Metres from Fence Line

Regulator Set

Regulator Station

Automatic Line Break Valve



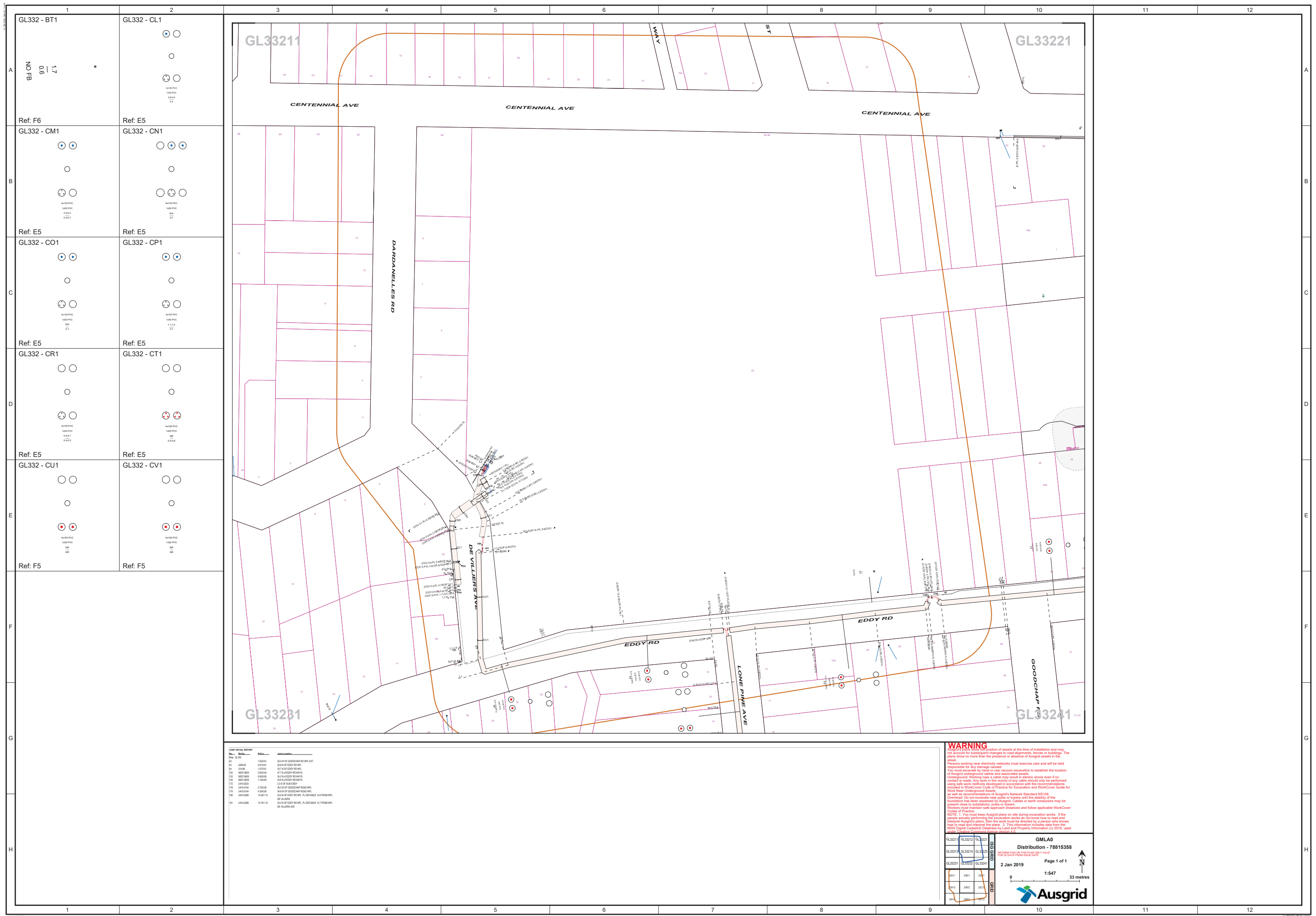
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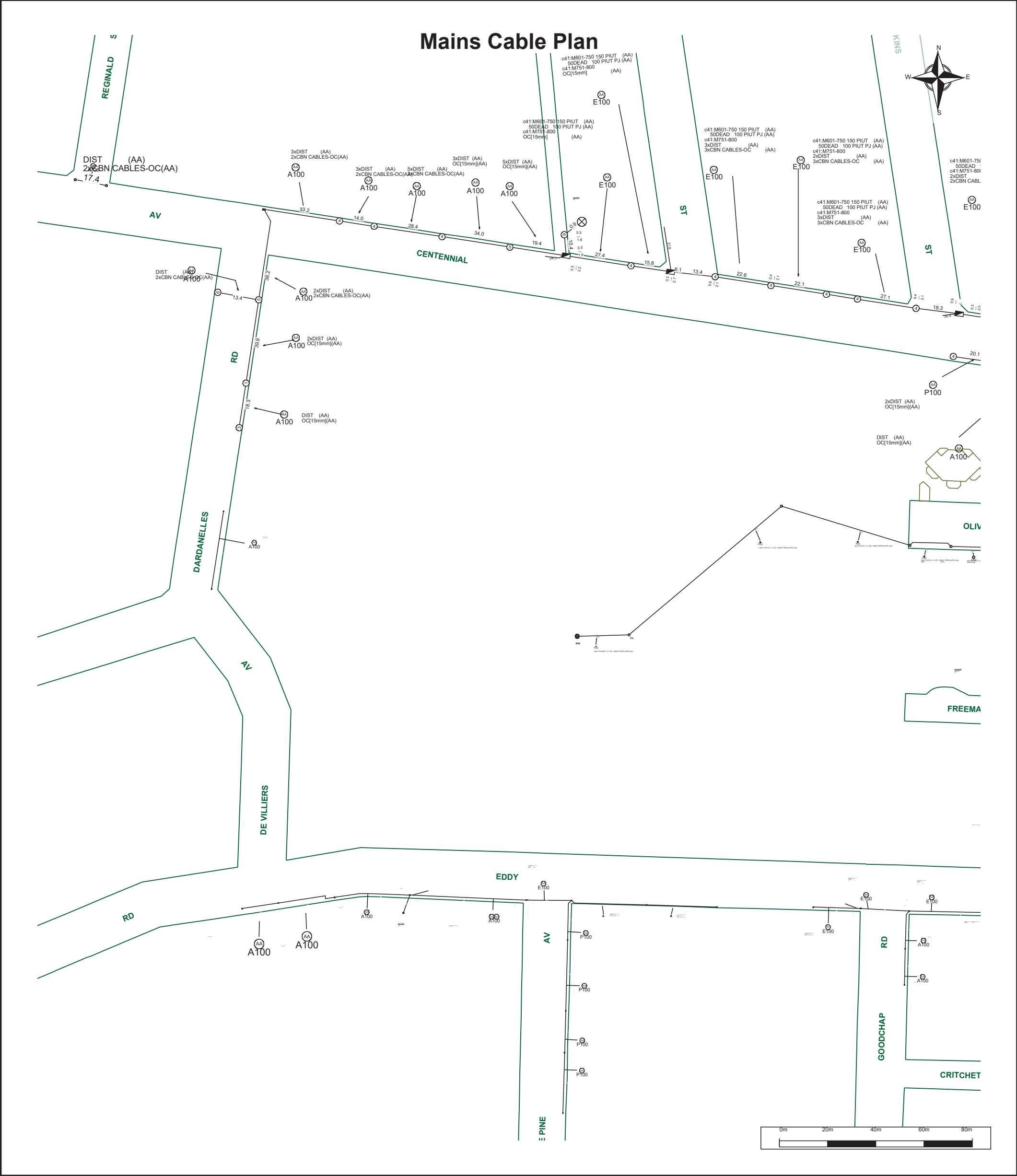
Issue Date: 02/01/2019

DBYD Seq No: 78815361

DBYD Job No: 15511890

WARNING: This is a representation of Jemena Gas Networks underground assets only and may not indicate all assets in the area. It must not be used for the purpose of exact asset location in order to undertake any type of excavation. This plan is diagrammatic only, and distances scaled from this plan may not be accurate. Please read all conditions and information on the attached information sheet. This extract is subject to those conditions. The information contained on this plan is only valid for 28 days from the date of issue.





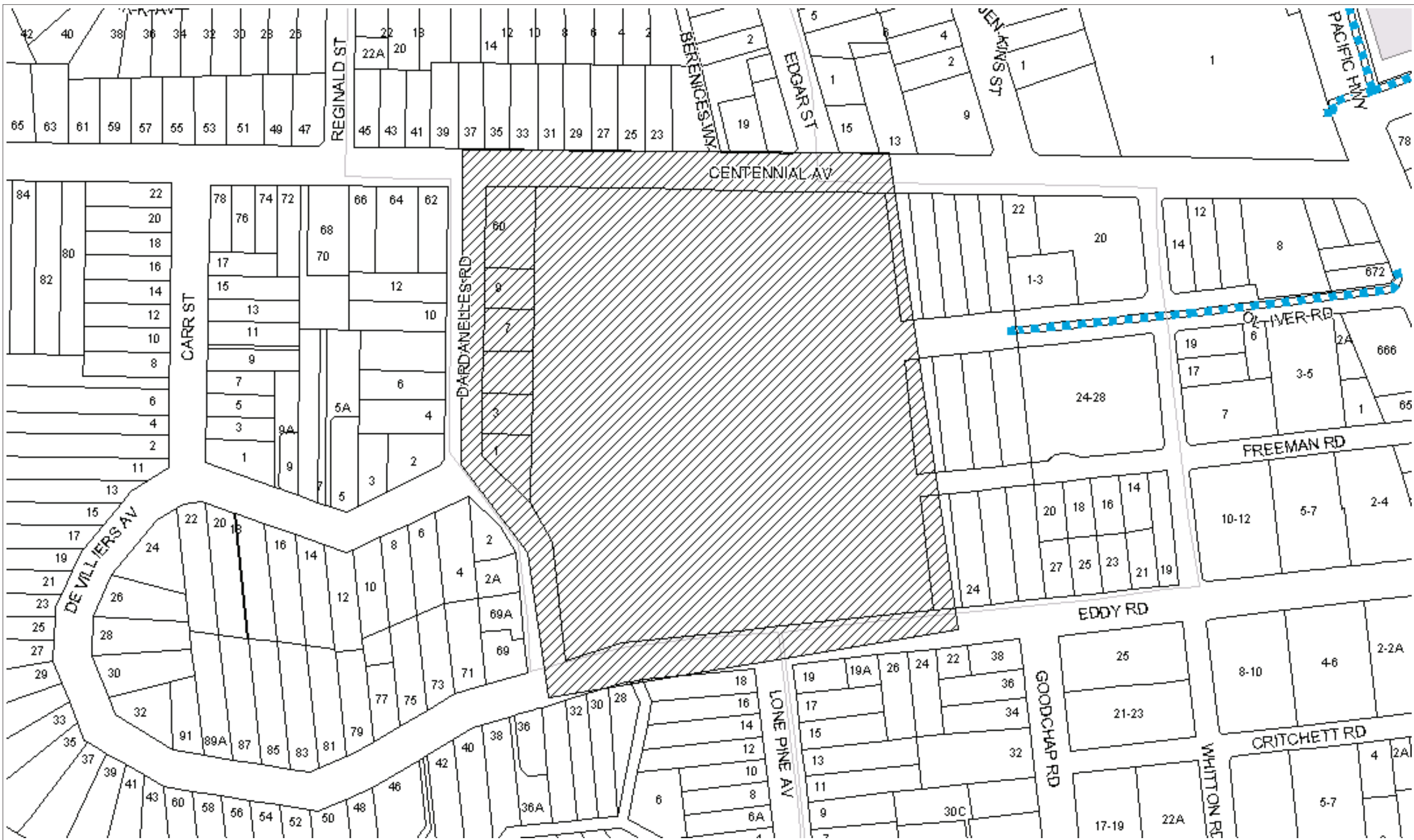
	For all Telstra DBYD plan enquiries - email - Telstra.Plans@team.telstra.com For urgent onsite contact only - ph 1800 653 935 (bus hrs)	Sequence Number: 78815359
	TELSTRA CORPORATION LIMITED A.C.N. 051 775 556	CAUTION: Fibre optic and/ or major network present in plot area. Please read the Duty of Care and contact Telstra Plan Services should you require any assistance.
	Generated On 02/01/2019 12:45:30	

WARNING - Due to the nature of Telstra underground plant and the age of some cables and records, it is impossible to ascertain the precise location of all Telstra plant from Telstra's plans. The accuracy and/or completeness of the information supplied can not be guaranteed as property boundaries, depths and other natural landscape features may change over time, and accordingly the plans are indicative only. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans.

It is your responsibility to locate Telstra's underground plant by careful hand pot-holing prior to any excavation in the vicinity and to exercise due care during that excavation.

Please read and understand the information supplied in the duty of care statement attached with the Telstra plans. TELSTRA WILL SEEK COMPENSATION FOR LOSS CAUSED BY DAMAGE TO ITS PLANT.

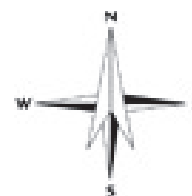
Telstra plans and information supplied are valid for 60 days from the date of issue. If this timeframe has elapsed, please reapply for plans.



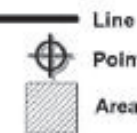
Uecomm
Cable Uecomm Underground
 Scale: #INSERT MAP SCALE#

Printed On: 02/01/2019

Sequence Number: 78815360
 Location: 24 Centennial Ave



Job Location



Underground Asset



This document is confidential and may also be privileged, and neither confidentiality nor privilege is waived lost or destroyed by virtue of it being transmitted to an incorrect addressee. Unauthorised use of the contents is therefore strictly prohibited. Any information contained in this document that has been extracted from our records is believed to be accurate, but no responsibility is assumed for any error or omission.

DRAWING NOT TO SCALE

- LEGEND
- ELECTRICITY POLE
 - FIBRE OPTIC CABLE
 - CABLE CONDUIT (TRENCHING)
 - CABLE CONDUIT (BORE TUNNELLING)
 - UE P2 PIT
 - UE P5 PIT
 - UE P6 PIT
 - UE P8 PIT
 - UE P9 PIT
 - BL - BUILDING LINE
 - BOK - BACK OF KERB
 - CL - CENTRELINE OF CONDUIT
 - TP - TURNING POINT OF CONDUIT
 - FENCE LINE, FL
 - TELSTRA MANHOLE
 - TELSTRA PIT
 - OPTICAL FIBRE JOINT
 - JOINT LOOP (m) - POLE / UNDERGROUND
 - CABLE HEAD POLE
 - 0.6m - CABLE DEPTH

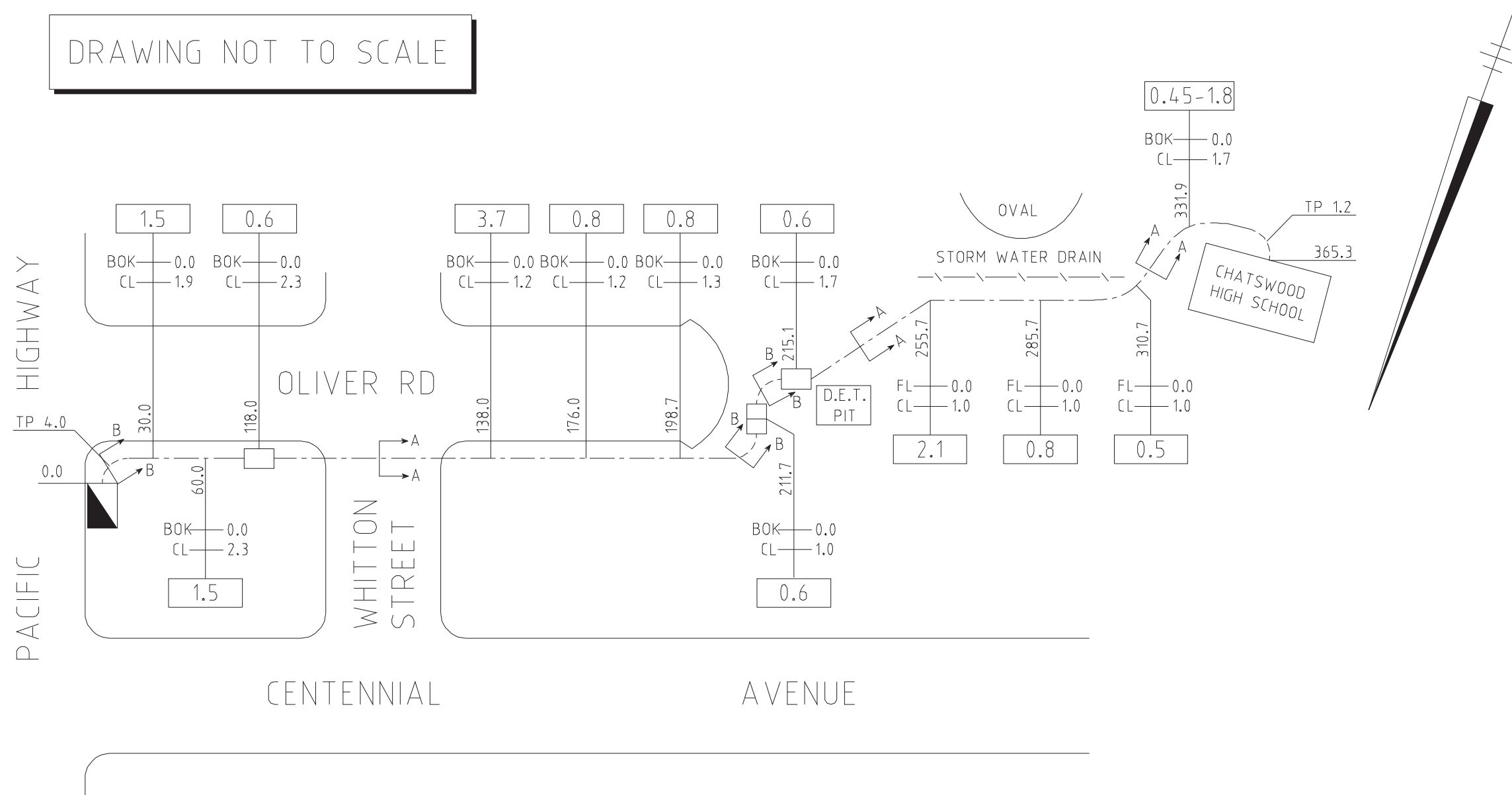


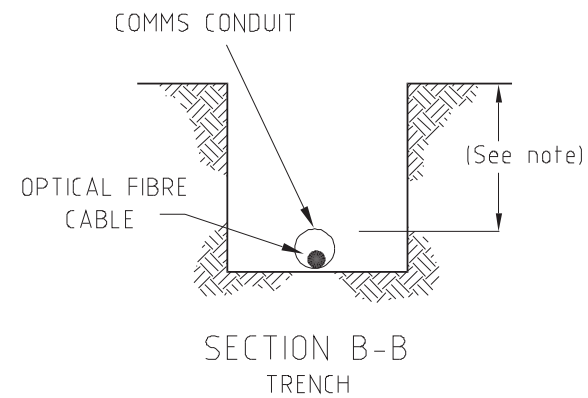
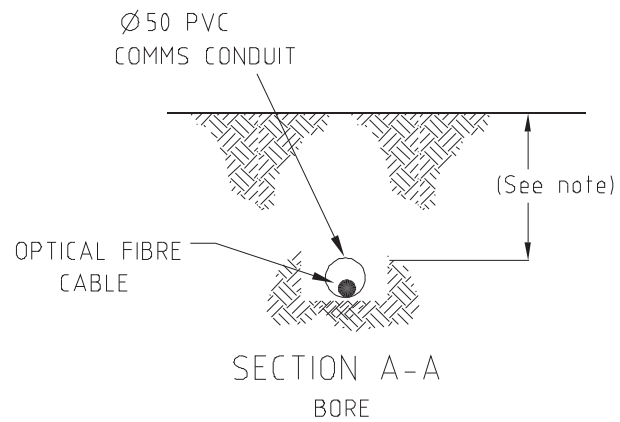


ABB Australia Pty Ltd.
109 Bannister Rd
Canning vale WA 6155



QUALITY ENDORSED COMPANY
ISO9001 REGISTRATION No.049
STANDARDS AUSTRALIA

- Note:
- Conduit depths quoted are approximate only and may change due to unforeseen circumstances.
 - In all instances it is recommended that the position of conduits & cables should be proved on site by hand, prior to commencement of works.
 - Loop in all pits unless otherwise stated.

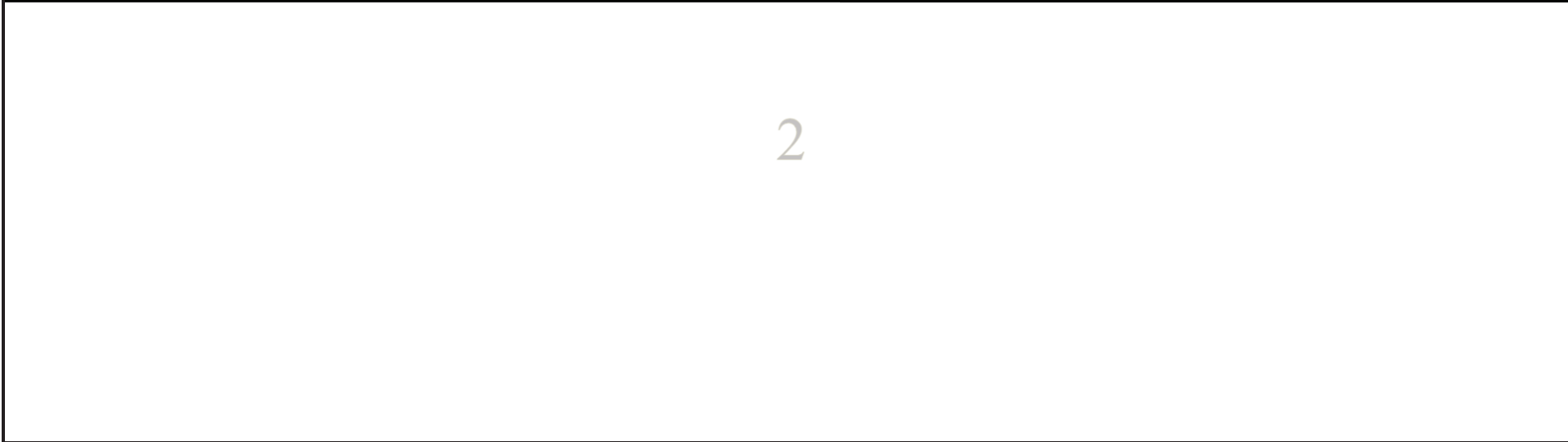
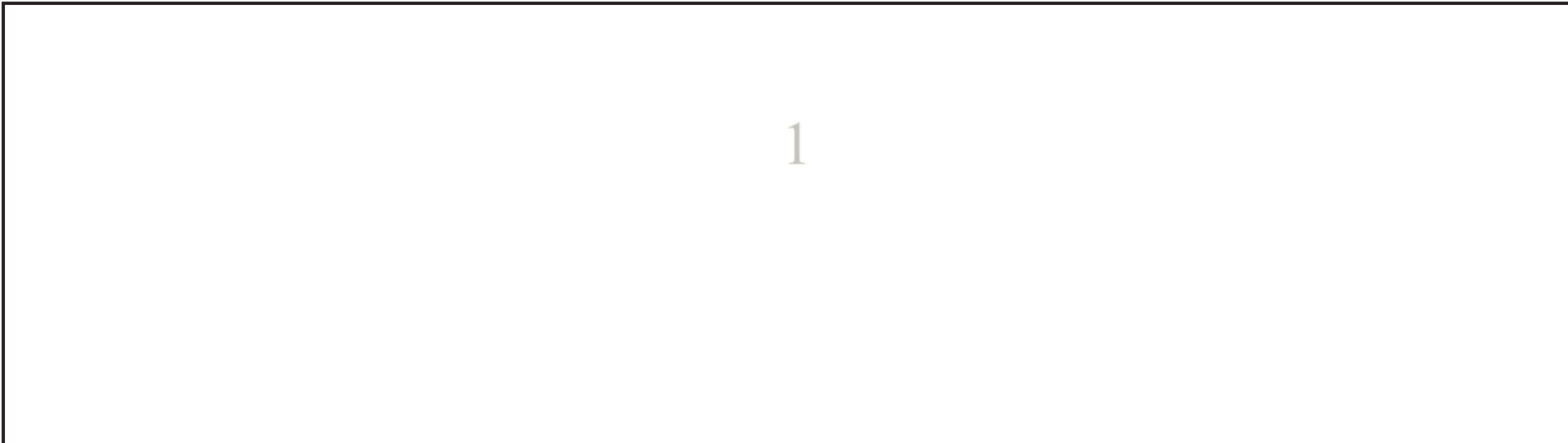


REVISION	24.07.03	0	AS BUILT	MW	DC	CONTACT OFFICER TREVOR SMITH PH: (02) 8226 3244	 Uecomm MAKING THE CONNECTION ACN 079 083 195	DRAWN MCK 24.07.03	DRG No. OFN5-SYD-2390	
						PROJECT NUMBER UEC-DE&TS-469	Uecomm MAKING THE CONNECTION ACN 079 083 195	DESIGN CHECKED M.W. 24.07.03	EXTERNAL ROUTE (1 OF 1) CHATSWOOD HIGH SCHOOL (8232) CENTENNIAL AVENUE CHATSWOOD WEST 2067	
						PLAN No. -	UECOMM MEL/SYD/QLD	APPROVED 24.07.03 DC		
DATE	REV.	REVISION DESCRIPTION			CHECKED	APP'D.	195-F11			



Indicative Plans

Issue Date:	02/01/2019	 DIAL BEFORE YOU DIG www.1100.com.au
Location:	24 Centennial Ave , Chatswood , NSW , 2067	





LEGEND

Type: Telco
Technology: Coaxial

Assets

 IN-SERVICE:
Cable/ Duct/ Trench

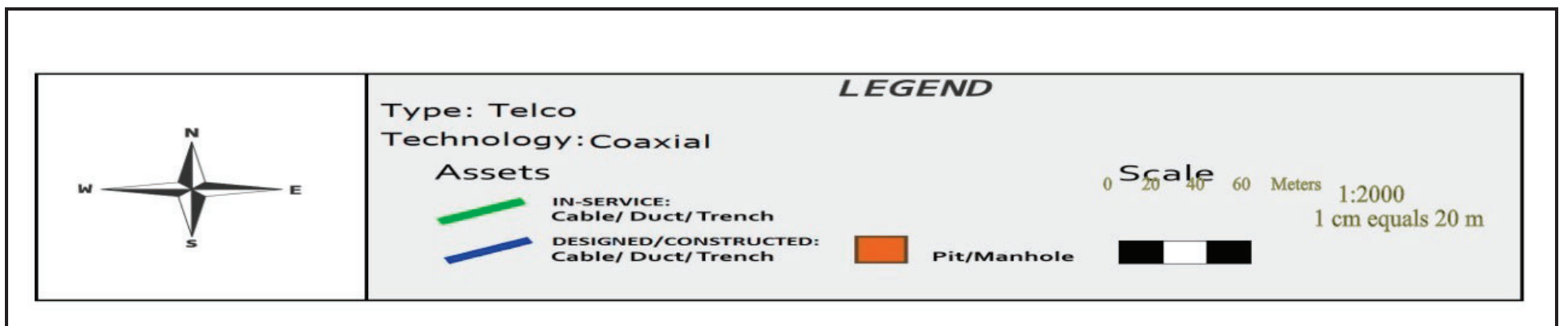
 DESIGNED/CONSTRUCTED:
Cable/ Duct/ Trench

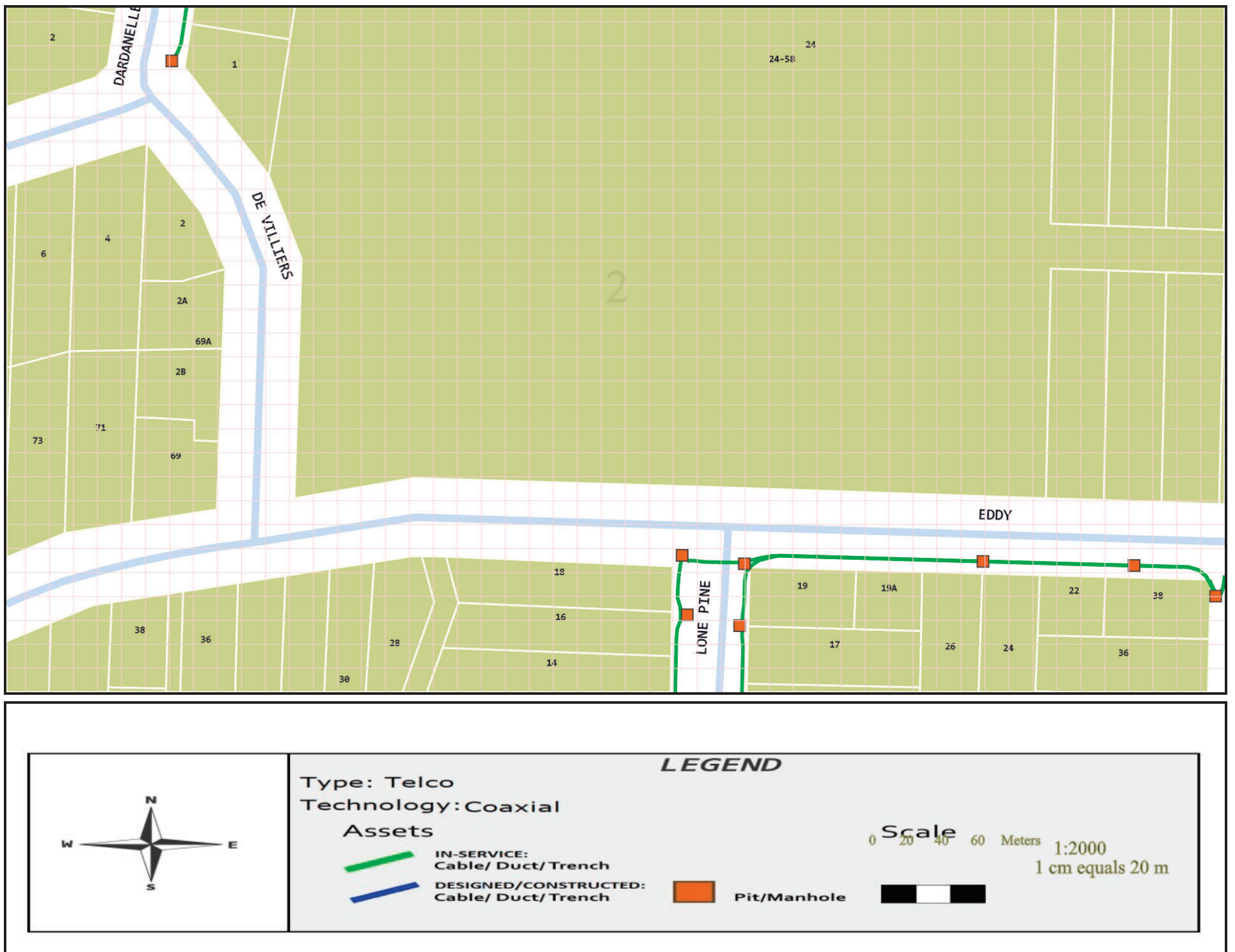
 Pit/Manhole

Scale

0 20 40 60 Meters 1:2000
1 cm equals 20 m



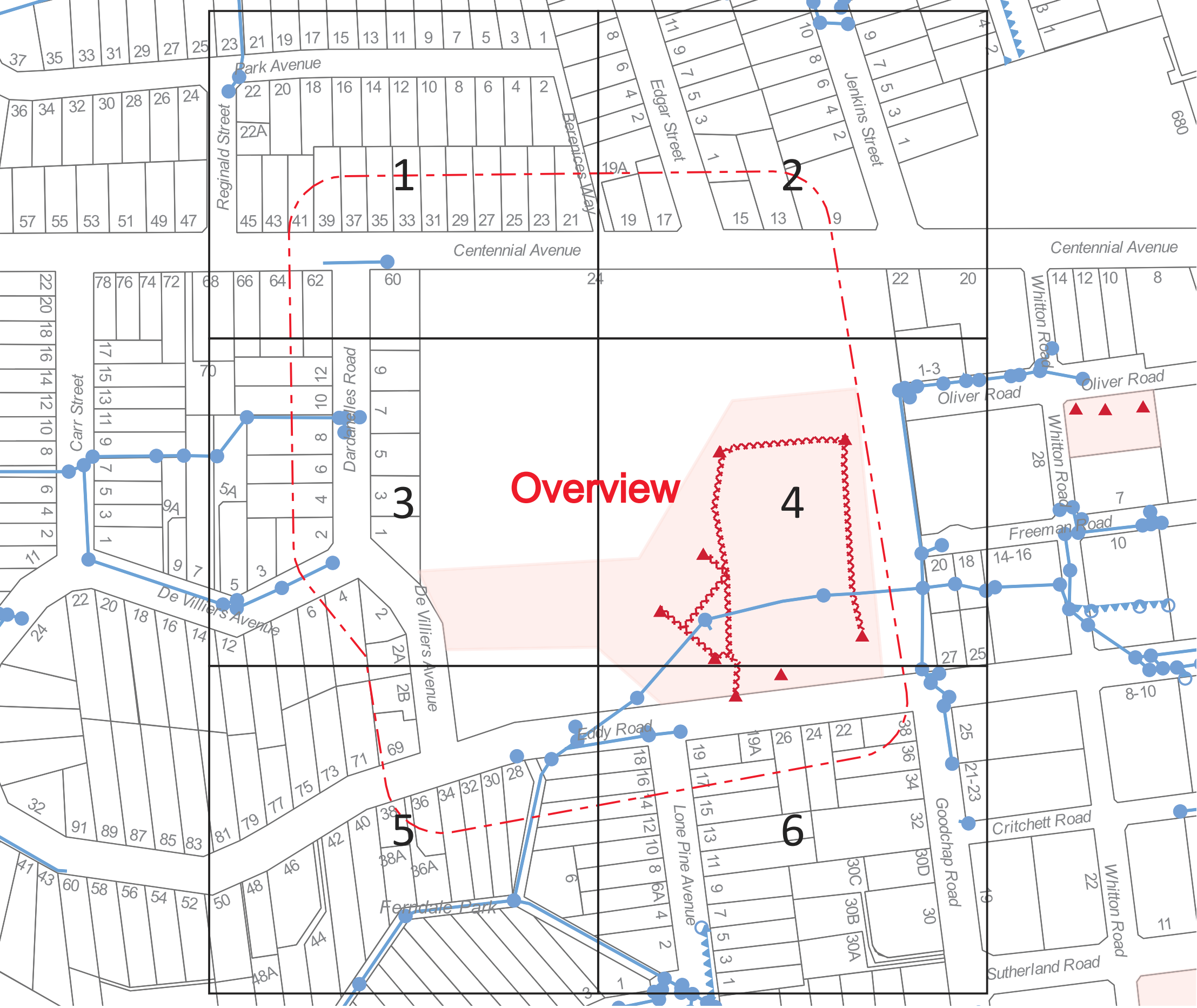




Emergency Contacts

You must immediately report any damage to **nbn™** network that you are/become aware of. Notification may be by telephone - 1800 626 329.

Name: Mrs Durkin Construction Office
Email: durkindbyd@gmail.com
Sequence no.: 78815357
Job no.: 15511890
Location: 24 Centennial Ave, Chatswood, NSW 2067



The information shown on this drawing is provided by Willoughby City Council and details Council's underground stormwater, electrical or communication assets. Unless otherwise indicated, it does not include private assets or assets of any other authority. Where assets are shared or owned by another party, the owner(s) of the asset must be contacted for any further information or approvals regarding the asset.

Information provided on any plans by Willoughby City Council may have inaccuracies or omissions. While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Willoughby City Council or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Exact positions of any assets shown on this plan must be confirmed by field investigation. Please refer to the cover letter attached to your email for further information.

Locations of Council's electrical assets are indicative only and some of these electrical assets may not be displayed on the drawing. Please contact Council on (02) 9777 1000 for further information.

All electrical apparatus shall be regarded as live until proven to have been de-energised. Contact with live electrical apparatus will cause severe injury or death.

Excavation work must be in accordance with the Work Health and Safety Regulation 2017 and the SafeWork NSW Excavation Work Code of Practice which can be obtained from SafeWork NSW.

Any works within Council's public road reserve or Council property require Council's consent. Council must be contacted on (02) 9777 1000 prior to the commencement of any work to be carried out in Council property or within the vicinity of Council's electrical assets.

Council Stormwater pipe

Stormwater pipe shared with or owned by another party

Council Stormwater node

Stormwater node shared with or owned by another party

Area containing electrical assets

Council underground electrical cables

Council miscellaneous electrical assets

Council communication cables

Council communication pits

N

Map not to scale

Name: Mrs Durkin Construction Office
Email: durkindbyd@gmail.com
Sequence no.: 78815357
Job no.: 15511890
Location: 24 Centennial Ave, Chatswood, NSW 2067



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Council Stormwater pipe

Stormwater pipe shared with or owned by another party

Council Stormwater node

Stormwater node shared with or owned by another party

Area containing electrical assets

Council underground electrical cables

Council miscellaneous electrical assets

Council communication cables

Council communication pits

N

Map not to scale

Name: Mrs Durkin Construction Office
Email: durkindbyd@gmail.com
Sequence no.: 78815357
Job no.: 15511890
Location: 24 Centennial Ave, Chatswood, NSW 2067



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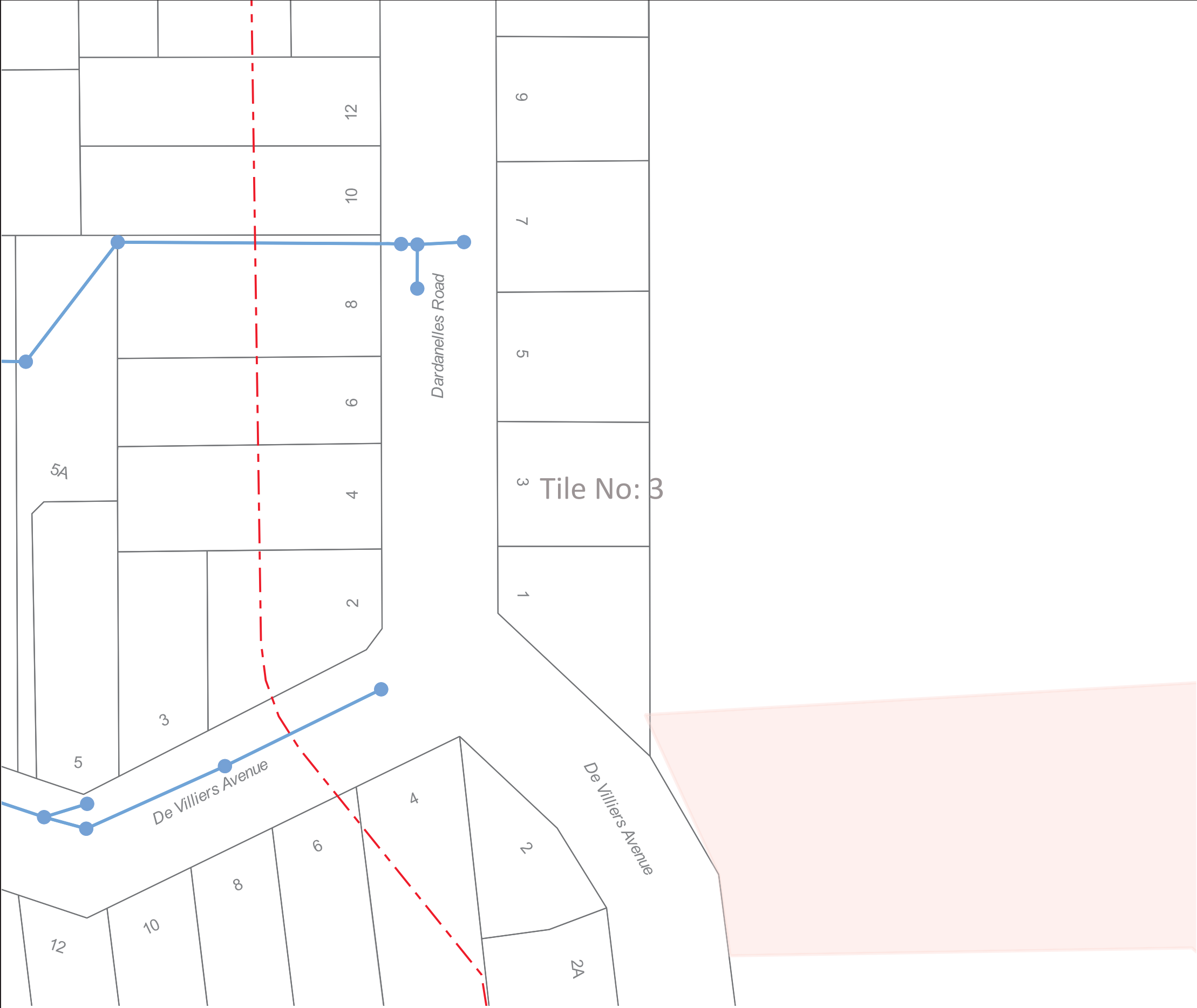
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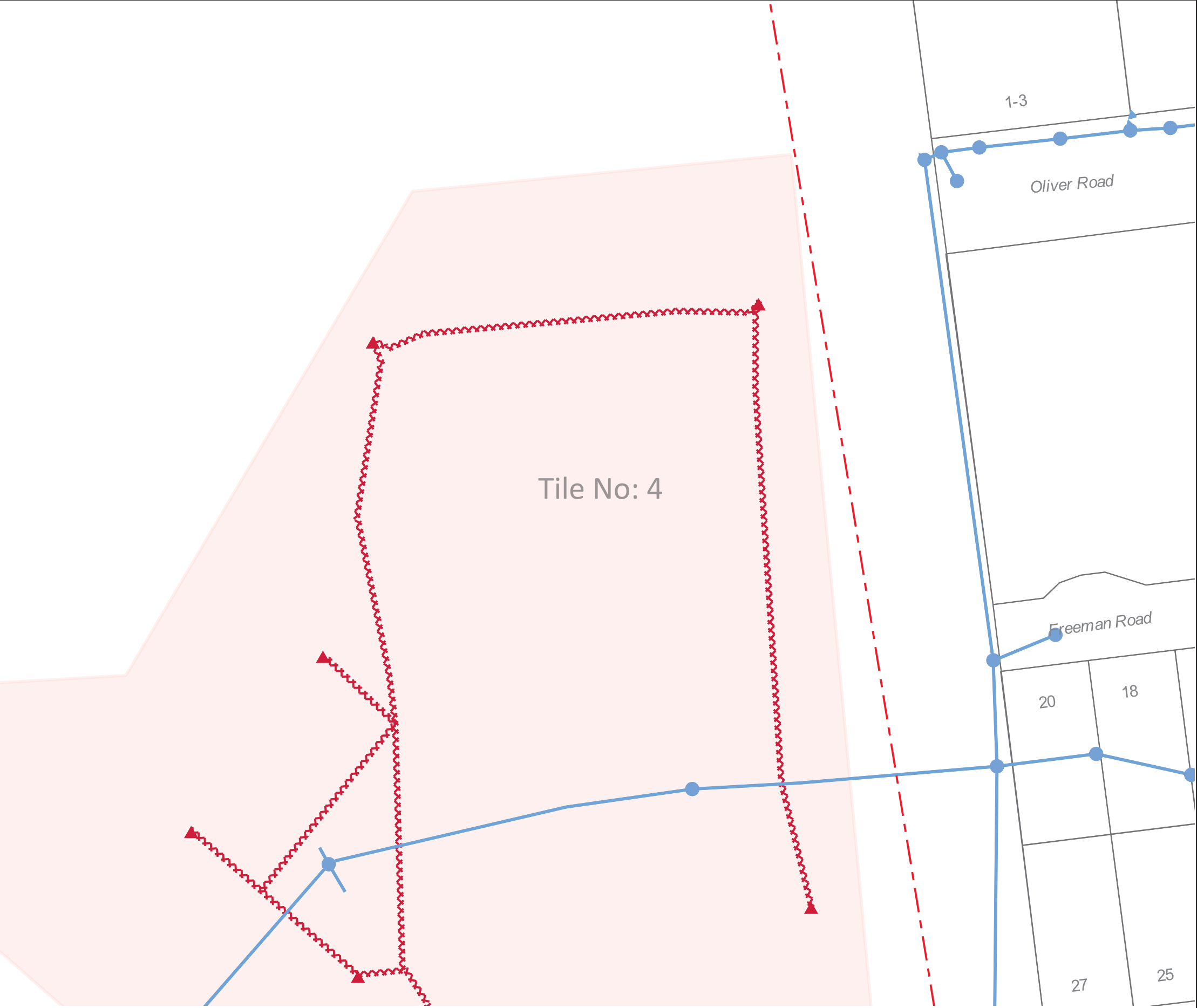
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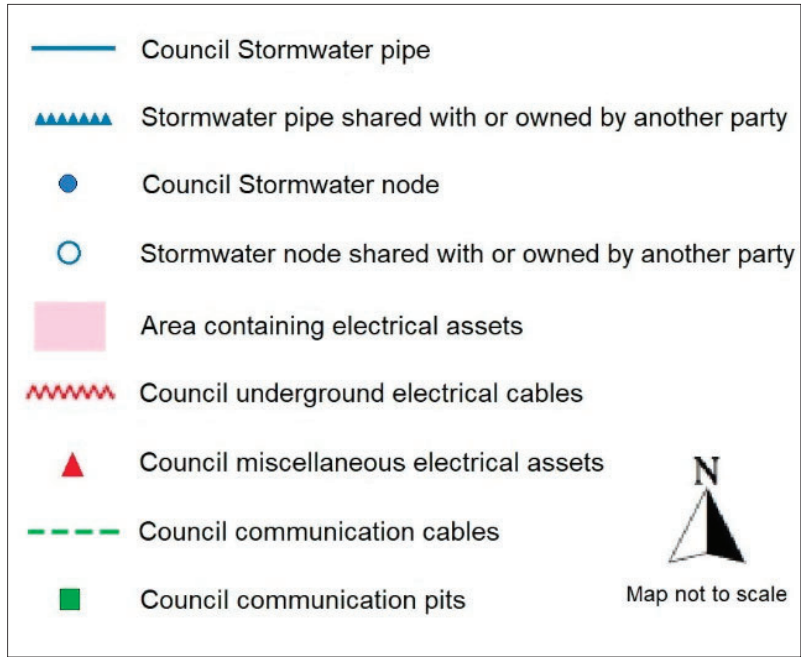
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