

NOTES


- A BASIC BOUNDARY SURVEY IS NOT NECESSARILY SUITABLE FOR PROVIDING SUBSIDIARY INFORMATION ON: 1. 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 SURVEY AND MAPPING ACT, 2002.
- AREA IS APPROXIMATE ONLY AND HAS BEEN CALCULATED BY THE DIMENSIONS. ALL THE DETAIL DIMENSIONS OF THE LAND HAVE NOT BEEN COVERED BY THIS SURVEY. THEREFORE, THE CLIENT MUST REOBTAIN A BOUNDARY SURVEY FOR PUBLIC RECORD.
- TREE SIZES ARE ESTIMATES ONLY. TREES TAGGED BY OTHERS.
- THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF GHM PVT. LTD.
- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. THE EXACT DIMENSIONS OF THE IMPROVEMENTS WILL BE COMPIRED BY FURTHER SURVEY.
- EXCEPT WHERE SHOWN BY DIMENSION LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS NOT TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.
- UNDERGROUND SERVICE INVESTIGATION HAS NOT BEEN CARRIED OUT IN THE REQUESTED AREA. VISIBLE SERVICES HAVE BEEN LINED OUT OUTSIDE THE REQUESTED AREA. THE CLIENT IS ADVISED TO CONSULT WITH THE LOCAL AUTHORITY LOCATION OF ANY CRITICAL SERVICES.
- SEWER MAIN MARKED AS ----, IS LINED OUT FROM SYDNEY WATER SEWER MAINS TO THE PROPERTY.
- CRITICAL SPOUT LEVELS SHOULD BE COMPIRED WITH DESIGNING.
- THIS PLANS ONLY TO BE USED FOR THE PURPOSE OF SUBSIDIARY NEW CONSTRUCTIONS.
- CONTOURS SHOWN REPRESENT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE ELEVATION AT ANY PARTICULAR POINT. ONLY SPOUT LEVELS SHOULD BE USED FOR CALCULATIONS OF QUANTITIES WITH CAUTION.
- CONTOUR INTERVAL - 50 mtr. • SPOUT LEVELS SHOULD BE ADOPTED.
- POSITION OF RIDGE LINES ARE DIAGRAMMATIC ONLY (NOT TO SCALE).
- THE INFORMATION IS ONLY TO BE USED AS A YNDO ACCESSION OF 1300.
- DO NOT SCALE OFF THIS PLAN / FIGURE DIMENSIONS TO BE TAKEN IN REFERENCE TO ANY OTHER DRAWING.
- COPYRIGHT © SURVEYORS 2019
- 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 AUTHORIZED BY THE COPYRIGHT ACT 1988.
- ALL PERMITTED DOWNLOADED ELECTRONIC STORAGE, DISPLAY, PRINT, REPRODUCTION OR TRANSMISSION OF THIS SURVEY SHOULD CONTAIN NO ALTERATION OR ADDITION TO THE ORIGINAL SURVEY.
- THIS NOTICE MUST NOT BE ERASED

[illegible]

HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA MARKS USED: SSM 2539I
VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: SSM 2539I R.L. 30.068 (ORDER L3) SOURCE: S.C.I.M.S. (18/10/17)

CLIENT: TAFE NSW
LEVEL 1, BUILDING A
19 MARY ANN STREET
ULTIMO NSW 2007

**SURVEY PLAN
SHOWING DETAIL & LEVELS
OVER LOT 11 IN D.P.1232584
MEADOWBANK TAPE,
574 CONSTITUTION ROAD
MEADOWBANK NSW 2114**

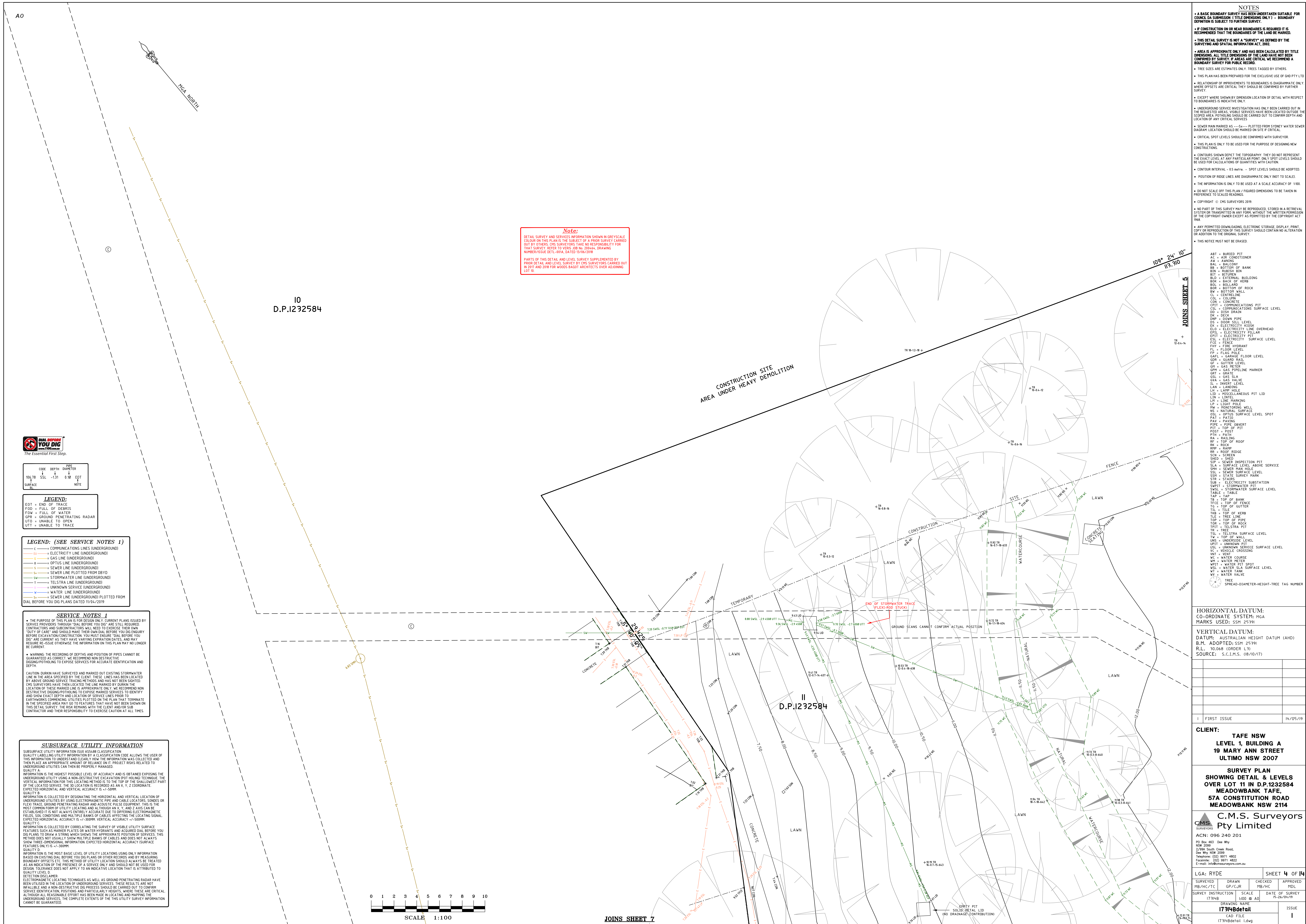
 **C.M.S. Surveyors
Pty Limited**

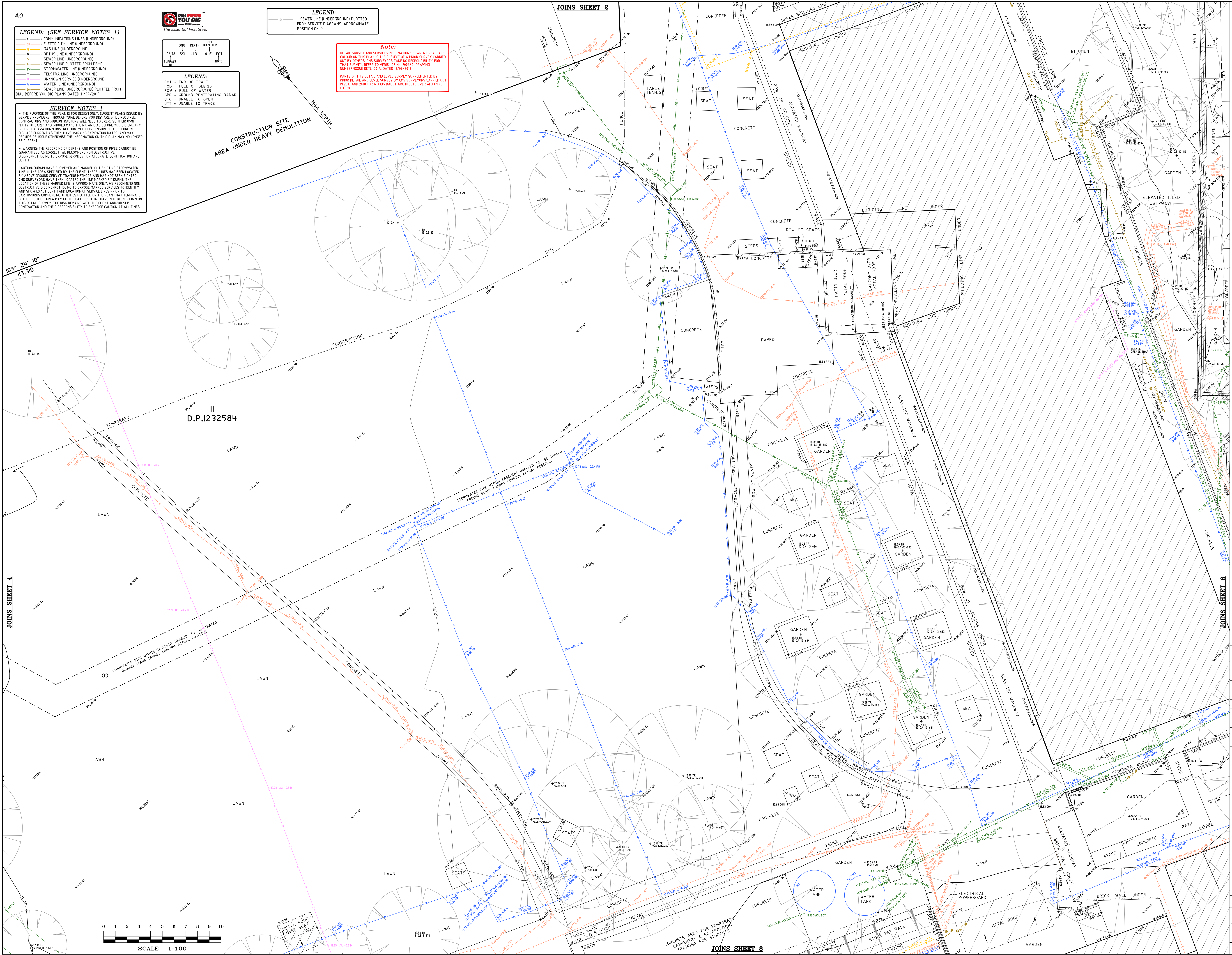
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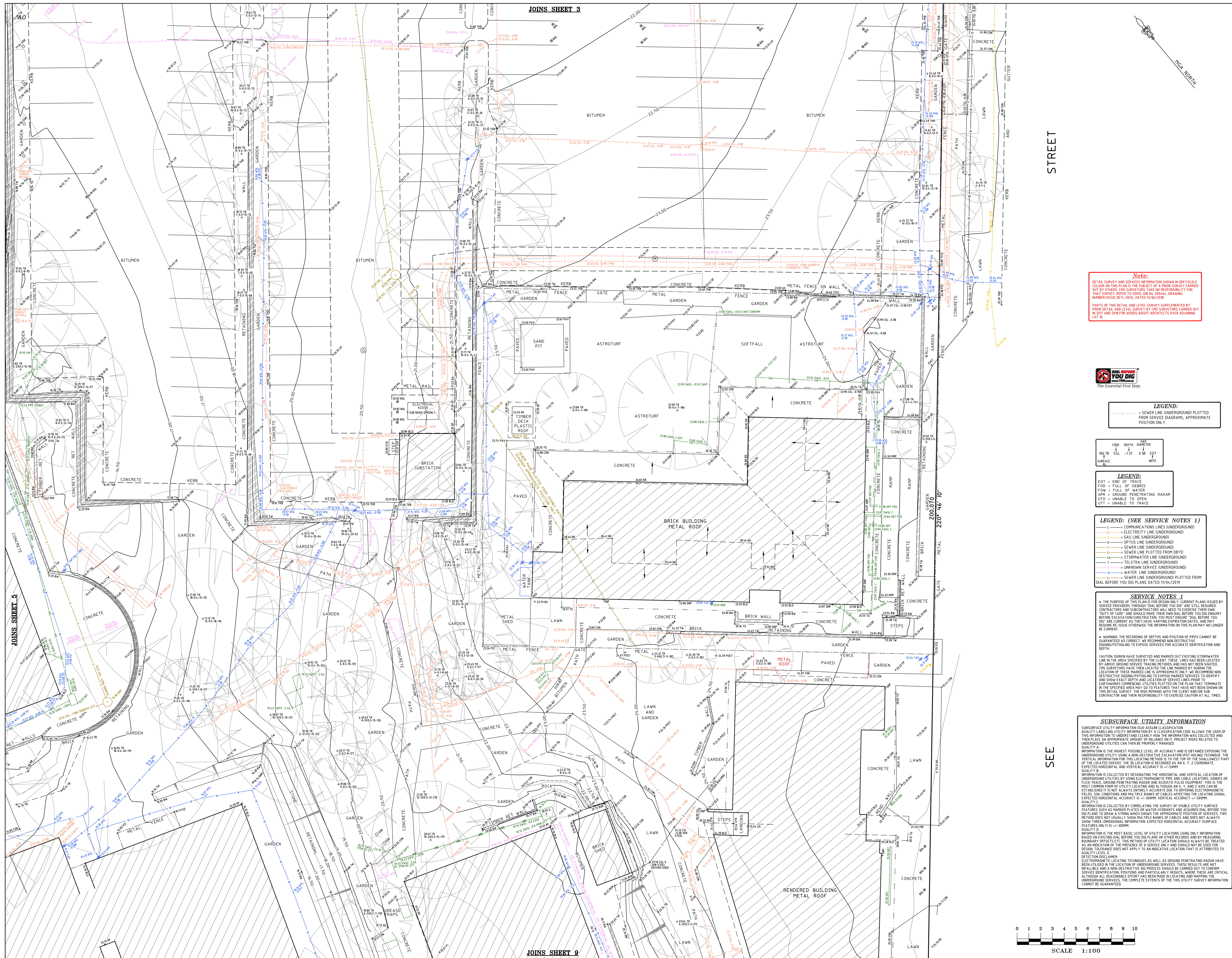
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NSW 2099
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LGA: RYDE			SHEET 3 of 14	
SURVEYED MB/HC/TC	DRAWN GP/CJR	CHECKED MB/HC	APPROVED MDL	
SURVEY 1731WB	INSTRUC 1:100	SCALE A0	DATE OF SURVEY 15-26/04/19	
DRAWING NAME 17314Bdetail			ISSUE I	
CAD FILE 17314Bdetail.dwg				







- **A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR COUNCIL'S DATA SUBMISSION 1:10,000 DIMENSIONS ONLY** - **BOUNDARY DEFINITION IS SUBJECT TO FURTHER SURVEY.**
- **IF CONSTRUCTION OF THE SURVEYED LAND 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 INFORMATION.** **THE AREA OF THE LAND HAS NOT BEEN CONFIRMED BY SURVEY. IF AREA IS CRITICAL, THE CLIENT TO RECOMMISSION A BOUNDARY SURVEY.**
- **TRE SIZES ARE ESTIMATES ONLY. TREES TAGGED BY OTHERS.**
- **THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF GHD PTY LTD.**
- **RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE DIFFERENCES ARE SHOWN THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.**
- **EXCEPT WHERE OTHERWISE BY DIMENSION, LOCATION OF DETAIL WITH RESPECT TO BOUNDARIES IS INDICATIVE ONLY.**
- **UNDERGROUND SERVICE INVESTIGATION HAS ONLY BEEN CARRIED OUT AT THE REQUESTED LOCATIONS. OTHER SERVICES HAVE BEEN LOCATED OUTSIDE THE SCOPE OF AREA. FURTHER SHOULD BE CARRIED OUT TO DETERMINE DEPTH AND LOCATION.**
- **SEWER MAIN MARKING: 400mm - PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE. IF CRITICAL.**
- **CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.**
- **THIS PLAN IS NOT TO BE USED FOR THE PURPOSE OF DESIGNING NEW CONSTRUCTIONS.**
- **CONTOURS SHOWN REPRESENT THE TOPOGRAPHY. THEY DO NOT REPRESENT THE PROPOSED CONSTRUCTION. WHERE SPOT LEVELS SHOULD BE USED FOR THE DETERMINATION OF QUANTITIES WITH SCALE.**
- **CONTOUR INTERVAL: 0.50 metre - SPOT LEVELS SHOULD BE ADOPTED**
- **POSITION OF HEDGE LINES ARE DIAGRAMMATIC ONLY. NOT TO SCALE.**
- **THE INFORMATION IS ONLY TO BE USED AT A SCALE OF APPROXIMATELY OF 1:100**
- **DO NOT SCALE OFF THIS PLAN. FIGURED DIMENSIONS ARE TO TAKE IN PREFERENCE TO SCALE READINGS.**
- **COPYRIGHT © 2016 GHD PTY LTD**
- **NO PART OF THIS SURVEY MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN PERMISSION OF GHD PTY LTD OR COPYRIGHT OWNER EXCEPT AS PERMITTED BY THE COPYRIGHT ACT 1968.**
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ABT = BURIED PIT
 AC = AIR CONDITIONER
 AV = AVENUE
 BAL = BALCONY
 BB = BOTTOM OF BANK
 BBL = BURNED BIN
 BT = BITUMEN
 BLD = EXTERNAL BUILDING
 BOK = BACK OF KERB
 BOL = BOLLARD
 BOR = BOTTOM OF ROCK
 BOV = BOTTOM WALL
 BOY = BOY
 COL = COLUMN
 CON = CONCRETE
 CPT = COMMUNICATIONS PIT
 CDR = CEMENT DRAINAGE SURFACE LEVEL
 D = DISH DRAIN
 DNP = DOWN PIPE
 DSD = DOWN SLOPE LEVEL
 ECR = ELECTRICITY KIOSK
 ELI = ELECTRICITY LINE OVERHEAD
 EPL = ELECTRICITY PILLAR
 EPI = ELECTRICITY PIT
 ELS = ELECTRICITY SURFACE LEVEL
 FCE = FENCE
 FHY = FIRE HYDRANT
 FL = FLOOR LEVEL
 FPG = FLAG POLE
 GAR = GARAGE FLOOR LEVEL
 GDR = GARAGE RAIL
 GUT = GUTTER LEVEL
 GNS = GAS METER
 GPN = GAS PIPELINE MARKER
 GSL = GAS SLA
 GSP = GAS PIPE
 IL = INVERT LEVEL
 LI = LAMP LODE
 LIH = LAMP HOUSE
 LIT = LIT LAMP
 LNK = LINK MARKING
 LIU = LIFT POLE
 MW = MONITORING WELL
 NS = NORTHERN SURFACE
 NSL = NORTHERN SURFACE LEVEL
 PAT = PATIO
 PAV = PAVING
 PFT = TOP OF PIT
 POST = POST
 PTH = PATH
 RA = RAILING
 ROP = ROCK
 RUP = RAMP
 RSC = ROADSIDE
 SCN = SCREEN
 SHP = SEWER INSPECTION PIT
 SHS = SEWER HOLE ABOVE SERVICE
 SHV = SEWER MAN HOLE
 SHW = SEWER SURFACE LEVEL
 SHX = STATE SURVEY MARK
 SHY = SEWER
 SUB = ELECTRICITY SUBSTATION
 STP = STORMWATER PIT
 STWS = STORMWATER SURFACE LEVEL
 TAB = TABLE
 TB = TOP OF BANK
 TCE = TOP OF FENCE
 TG = TOP OF GUTTER
 TIL = TILE
 TKB = TOP OF KERB
 TLE = TREE LINE
 TOP = TOP OF PIPE
 TRT = TOP OF ROCK
 TELT = TELSTRA PIT
 TELT = TELSTRA SURFACE LEVEL
 TUN = TUNNELLING
 UNL = UNDERSIDE LEVEL
 UNL = UNDER SIDE
 UNL = UNKNOWN SURFACE LEVEL
 V = CROSSING
 VNT = VENT
 W = WATER COURSE
 WH = WATER METER
 WSL = WATER SLIT SPOT
 WST = WATER SURFACE LEVEL
 WT = WATER TANK
 WV = WATER VALVE
 WTR = TREE
 WTR = SPREAD-DIAMETER-HEIGHT-TREE TAG NUMBER

<p>HORIZONTAL DATUM: CO-ORDINATE SYSTEM: MGA MARKS USED: SSM 25391</p>
<p>VERTICAL DATUM: DATUM: AUSTRALIAN HEIGHT DATUM (AHD) B.M. ADOPTED: SSM 25391 R.L. 30.068 (ORDER L3) SOURCE: S.C.I.M.S. (18/10/17)</p>

I	FIRST ISSUE	14/05/19

CLIENT: TAFE NSW
LEVEL 1, BUILDING A
19 MARY ANN STREET
ULTIMO NSW 2007

**SURVEY PLAN
SHOWING DETAIL & LEVELS
OVER LOT 11 IN D.P.1232584
MEADOWBANK TAFF,
57A CONSTITUTION ROAD
MEADOWBANK NSW 2114**

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

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LGA: RYDE			SHEET 6 OF 14	
SURVEYED MB/HC/TC	DRAWN GP/CJR	CHECKED MB/HC	APPROVED MDL	
SURVEY INSTRUCTION 17314B		SCALE 1:100 @ A0	DATE OF SURVEY 15-26/04/19	
DRAWING NAME 17314Bdetail			ISSUE 1	
CAD FILE 17314Bdetail 1.dwg				

10
D.P.I232584

CONSTRUCTION SITE
AREA UNDER HEAVY DEMOLITION

D.P.I232584



CODE	DEPTH	PPE
105 TR	SSL	131
0.10	EDT	
	NOTE	

LEGEND:

EDT = END OF TRACE
FOD = FULL OF DEBRIS
FOW = FULL OF WATER
GPR = GROUND PENETRATING RADAR
UTO = UNABLE TO OPEN
UTT = UNABLE TO TRACE

LEGEND: (SEE SERVICE NOTES 1)

C = COMMUNICATIONS LINES (UNDERGROUND)
E = ELECTRICITY LINE (UNDERGROUND)
G = GAS LINE (UNDERGROUND)
O = OPTICS LINE (UNDERGROUND)
S = SEWER LINE (UNDERGROUND)
S+ = SEWER LINE PLOTTED FROM DBYD
ST = STORMWATER LINE (UNDERGROUND)
T = TELSTRA LINE (UNDERGROUND)
U = UNKNOWN SERVICE (UNDERGROUND)
W = WATER LINE (UNDERGROUND)
W+ = SEWER LINE (UNDERGROUND) PLOTTED FROM DIAL BEFORE YOU DIG PLANS DATED 11/04/2019

SERVICE 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 HAVE 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: THE RECORDING OF DEPTHS AND POSITION OF PIPES CANNOT BE GUARANTEED AS CORRECT. WE RECOMMEND NON-DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE SERVICES FOR ACCURATE IDENTIFICATION AND DEPTH. CAUTION: DURKIN HAVE SURVEYED AND MARKED OUT EXISTING STORMWATER LINE IN THE AREA SPECIFIED BY THE CLIENT. THESE LINES HAVE BEEN LOCATED BY ABOVE GROUND SERVICE TRACING METHODS AND HAS NOT BEEN GRIPPED. CHS SURVEYORS HAVE THEN LOCATED THE LINE MARKED BY DURKIN. THE LOCATION OF THESE MARKED LINES IS APPROXIMATE ONLY. WE RECOMMEND NON-DESTRUCTIVE DIGGING/POTHOLING TO EXPOSE MARKED SERVICES TO IDENTIFY AND SHOW EXACT DEPTH AND LOCATION OF SERVICE LINES PRIOR TO EXCAVATION. EXCAVATION OF THESE LINES MAY BE DANGEROUS. THE INFORMATION IN THIS SPECIFIED AREA MAY GO TO FEATURES THAT HAVE NOT BEEN SHOWN ON THIS DETAIL SURVEY. THE RISK REMAINS WITH THE CLIENT AND/OR SUB CONTRACTOR AND THEIR RESPONSIBILITY TO EXERCISE CAUTION AT ALL TIMES.

SUBSURFACE UTILITY INFORMATION

SUBSURFACE UTILITY INFORMATION (SM) ASSASS CLASSIFICATION QUALITY LABELING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IT OBTAINED EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POTHOLING) TECHNIQUE. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OF THE SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED AS: N, E, Z. COORDINATE. EXPECTED HORIZONTAL AND VERTICAL ACCURACY IS +/- 50MM.

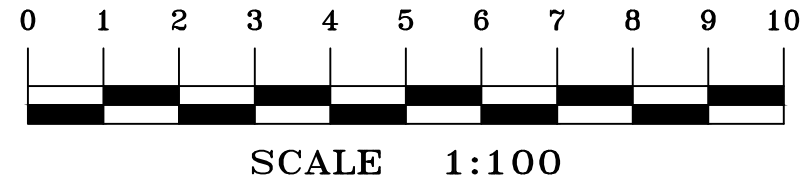
INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC, PIPE AND CABLE LOCATORS, SONDES OR FLEX TRACER, GROUND PENETRATING RADAR AND ACOUSTIC PULSE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y, AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BUNDLES AFFECTING THE LOCATING SIGNAL. EXPECTED HORIZONTAL ACCURACY IS +/- 300MM. VERTICAL ACCURACY +/- 500MM.

INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MANHOLE PLATES OR WATER HYDRANTS AND ABOVE GROUND DIAL BEFORE YOU DIG PLANS TO DRAW A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MULTIPLE BUNDLES OF CABLES AND DOES NOT ALWAYS SHOW THREE-DIMENSIONAL INFORMATION. EXPECTED HORIZONTAL ACCURACY (SURFACE FEATURES ONLY) IS +/- 300MM.

INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL BEFORE YOU DIG PLANS OR OTHER RECORDS AND BY MEASURING BOUNDARY OFFSETS ETC. THIS METHOD OF UTILITY LOCATION SHOULD ALWAYS BE TREATED AS AN INDICATION OF THE PRESENCE OF A SERVICE ONLY, AND SHOULD NOT BE USED FOR DESIGN. TOLERANCE DOES NOT APPLY TO AN INDICATIVE LOCATION THAT IS ATTRIBUTED TO QUALITY LEVEL D.

ELECTROMAGNETIC LOCATING TECHNIQUES AS WELL AS GROUND PENETRATING RADAR HAVE BEEN UTILISED IN THE LOCATION OF UNDERGROUND SERVICES. THESE RESULTS ARE NOT INFALLIBLE AND A NON-DESTRUCTIVE DIG PROCESS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION, POSITIONS AND PARTICULARLY HEIGHTS, WHERE THESE ARE CRITICAL. ALTHOUGH ALL REASONABLE EFFORT HAS BEEN MADE IN LOCATING AND MAPPING THE UNDERGROUND SERVICES, THE COMPLETE EXTENTS OF THE THIS UTILITY SURVEY INFORMATION CANNOT BE GUARANTEED.

Note:
DETAIL SURVEY AND SERVICES INFORMATION SHOWN IN GREYSCALE COLOUR ON THIS PLAN IS THE SUBSET OF A PRIOR SURVEY CARRIED OUT BY OTHERS. CHS SURVEYORS TAKE NO RESPONSIBILITY FOR THAT SURVEY. REFER TO VISIB JOB NO. 20444, DRAWING NUMBER/ISSUE DETAIL, DATED 15/06/2018.
PARTS OF THIS DETAIL AND LEVEL SURVEY SUPPLEMENTED BY PRIOR DETAIL AND LEVEL SURVEY BY CHS SURVEYORS CARRIED OUT IN 2017 AND 2018 FOR WOODS BAGOT ARCHITECTS OVER ADDING LOT 10.



NOTES

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- AREA 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. TREES TAGGED BY OTHERS.
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- RELATIONSHIP OF IMPROVEMENTS TO BOUNDARIES IS DIAGRAMMATIC ONLY. WHERE OFFSETS ARE CRITICAL THEY SHOULD BE CONFIRMED BY FURTHER SURVEY.
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- UNDERGROUND SERVICE INVESTIGATION HAS ONLY BEEN CARRIED OUT IN THE REQUESTED AREAS. VISIBLE SERVICES HAVE BEEN LOCATED OUTSIDE THE SCOPED AREA. POTHOLING SHOULD BE CARRIED OUT TO CONFIRM DEPTH AND LOCATION OF ANY CRITICAL SERVICES.
- SEWER MAIN MARKED AS: ---S+--- PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED ON SITE IF CRITICAL.
- CRITICAL SPOT LEVELS SHOULD BE CONFIRMED WITH SURVEYOR.
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- CONTOUR INTERVAL - 0.5 metre - SPOT LEVELS SHOULD BE ADOPTED.
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- COPYRIGHT © CHS SURVEYORS 2019.
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ABT = BURIED PIT
AC = AIR CONDITIONER
AA = AIR
BAL = BALCONY
BB = BALCONY BANK
BN = RUBBISH BIN
BT = BUTTRESS
BLD = EXTERNAL BUILDING
BOP = BACK OF POSE
BOL = BOLLARD
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPIT = COMMUNICATIONS PIT
CS = COMMUNICATIONS SURFACE LEVEL
DK = DECK
DOWN = DOWN PIPE
DS = DOOR SILL LEVEL
E = ELECTRICITY LINE OVERHEAD
ELO = ELECTRICITY LINE OVERHEAD
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SURFACE LEVEL
FCE = FENCE
FF = FIRE HYDRANT
FL = FLOOR LEVEL
FF = FLAG POLE
GARL = GARAGE FLOOR LEVEL
GOR = GUARD RAIL
GP = GUTTER LEVEL
GR = GAS METER
GRT = GRATE
GVA = GAS VALVE
IL = INVERT LEVEL
LAN = LANDING
LH = LIGHT HOLE
LID = MISCELLANEOUS PIT LID
LIL = LINE
LP = LINE MARKING
LS = LIGHT POLE
MW = MONITORING WELL
NS = NATURAL SURFACE
OSL = OPTICS SURFACE LEVEL SPOT
PAL = PATIO
PAY = PAYING
PIPE = PIPE, CONVEY
POST = POST
RA = RAILING
RK = ROCK
RR = RAMP
RR = ROOF RIDGE
RR = ROOF
RR = ROOF INSPECTION PIT
SLA = SURFACE LEVEL ABOVE SERVICE
SPH = SEWER MAIN HOLE
SSL = SEWER SURFACE LEVEL
SSP = STATE SURVEY MARK
STR = STAIRS
SUB = ELECTRICITY SUBSTATION
SWL = STORMWATER PIT
SWSL = STORMWATER SURFACE LEVEL
TAB = TABLE
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TIL = TILE
TAS = TOP OF KERB
TLE = TREE LINE
TOP = TOP OF PIPE
TOR = TOP OF ROCK
TRIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SURFACE LEVEL
TW = TOP OF WALL
UNL = UNDERGROUND LEVEL
USL = UNKNOWN SERVICE SURFACE LEVEL
USL = UNKNOWN SERVICE SURFACE LEVEL
VNT = VENT
W = WATER
WH = WATER METER
WHT = WATER PIT SPOT
WEL = WATER SLA SURFACE LEVEL
WV = WATER VALVE
WV = WATER VALVE
TREE
SPREAD-DIAMETER-HEIGHT-TREE TAG NUMBER

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA
MARKS USED: 53M 2539H

VERTICAL DATUM:
AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: 53M 2539H
R.L. 30.068 (ORDER L3)
SOURCE: S.C.I.M.S. (18/10/17)

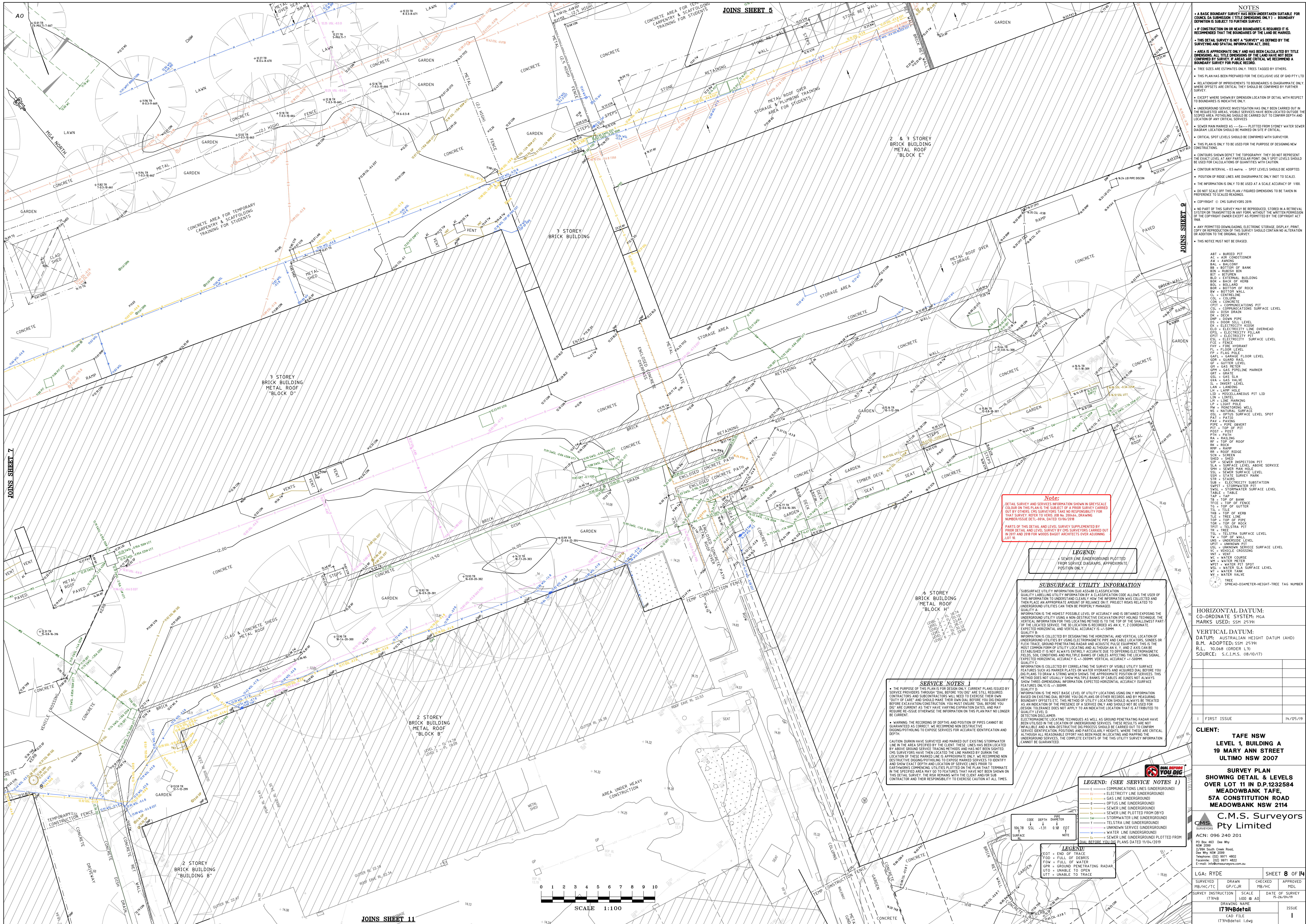
CLIENT:
TAFE NSW
LEVEL 1, BUILDING A
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ULTIMO NSW 2007

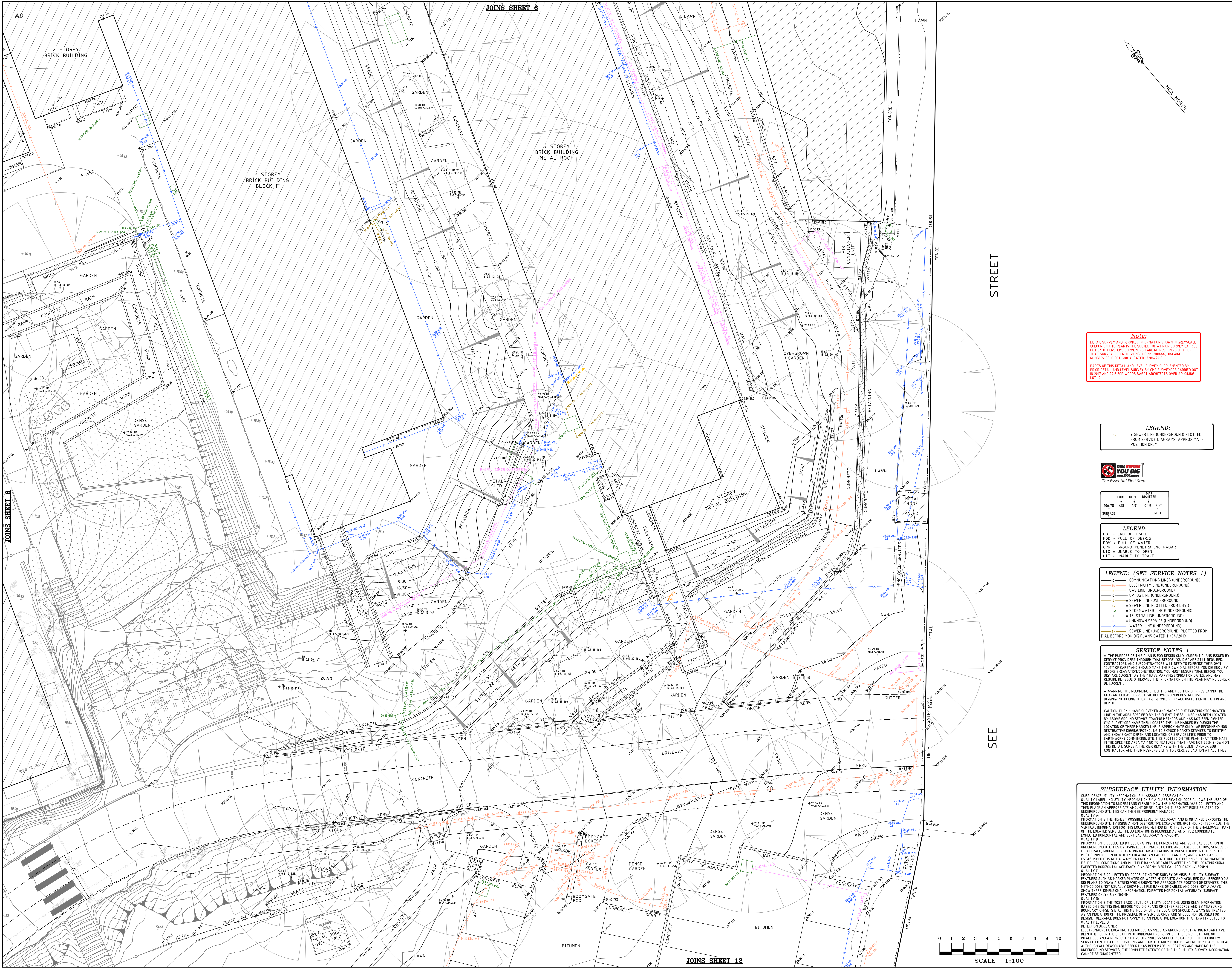
SURVEY PLAN
SHOWING DETAIL & LEVELS
OVER LOT 11 IN D.P.I232584
MEADOWBANK TAPE,
57A CONSTITUTION ROAD
MEADOWBANK NSW 2114

C.M.S. Surveyors Pty Limited

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Facsimile: (02) 9971 4802
E-mail: info@cmsurveyors.com.au

LGA: RYDE	DRAWN GP/CJR	CHECKED MB/H	APPROVED MDL
SURVEY INSTRUCTION 17314B	SCALE 1:100	DATE OF SURVEY 14/05/19	
DRAWING NAME 17314Bdetail		ISSUE 1	
CAD FILE 17314Bdetail.dwg			





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 - SEWER MAIN MARKED AS -SS- PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED 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 1:100.
 - DO NOT SCALE OFF THIS PLAN. A FIGURED DIMENSION TO BE TAKEN IN PREFERENCE TO SCALED READINGS.
 - COPYRIGHT © CHS SURVEYORS 2019.
 - 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.

- LEGEND:**
- SS = SEWER LINE (UNDERGROUND) PLOTTED FROM SERVICE DIAGRAMS, APPROXIMATE POSITION ONLY.
- LEGEND:**
- END OF TRACE
 - FULL OF DEBRIS
 - FULL OF WATER
 - GROUND PENETRATING RADAR
 - UNABLE TO OPEN
 - UNABLE TO TRACE
- LEGEND: (SEE SERVICE NOTES 1)**
- COMMUNICATIONS LINES (UNDERGROUND)
 - ELECTRICITY LINE (UNDERGROUND)
 - GAS LINE (UNDERGROUND)
 - OPTUS LINE (UNDERGROUND)
 - SEWER LINE (UNDERGROUND)
 - SEWER LINE PLOTTED FROM DBOY
 - STORMWATER LINE (UNDERGROUND)
 - TELSTRA LINE (UNDERGROUND)
 - UNKNOWN SERVICE (UNDERGROUND)
 - WATER LINE (UNDERGROUND)
 - SS = SEWER LINE (UNDERGROUND) PLOTTED FROM DIAL BEFORE YOU DIG PLANS DATED 11/04/2019
- SERVICE NOTES 1**
- THE PURPOSE OF THIS PLAN IS FOR DESIGN ONLY. CURRENT PLANS ISSUED BY THIS INFORMATION TO UNDERGROUND SERVICES. THE INFORMATION WAS COLLECTED AND THEN PLACED AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.
 - INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED EXPOSING THE UNDERGROUND UTILITIES USING A NON-DESTRUCTIVE EXCAVATION (PIT) METHOD. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OF THE SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED AS N, Y, Z COORDINATE. EXPECTED HORIZONTAL AND VERTICAL ACCURACY IS +/-50MM.
 - INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEX TRACER, GROUND PENETRATING RADAR AND ACUSTIC PULSE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN "X, Y, AND Z" AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND INTERFERING CABLES AFFECTING THE LOCATING SIGNAL. EXPECTED HORIZONTAL ACCURACY IS +/-300MM VERTICAL ACCURACY +/-500MM.
 - INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MANHOLE PLATES OR WATER METER AND ACCURATE DIAL BEFORE YOU DIG PLANS TO DRAW A STRONG WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MANHOLE PLATES OR WATER METER AND DOES NOT ALWAYS SHOW THREE-DIMENSIONAL INFORMATION. EXPECTED HORIZONTAL ACCURACY (SURFACE QUALITY D) INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATING USING ONLY INFORMATION BASED ON EXISTING DIAL BEFORE YOU DIG PLANS OR OTHER RECORDS AND BY MEASURING BOUNDARY OFFSETS ETC. THIS METHOD OF UTILITY LOCATING SHOULD ALWAYS BE TREATED AS AN INDICATION OF THE PRESENCE OF A SERVICE ONLY AND SHOULD NOT BE USED FOR DESIGN. TOLERANCE DOES NOT APPLY TO AN INDICATIVE LOCATION THAT IS ATTRIBUTED TO QUALITY LEVEL D.
 - DETECTION DISCLAIMER: ELECTROMAGNETIC LOCATING TECHNIQUES AS WELL AS GROUND PENETRATING RADAR HAVE BEEN UTILISED IN THE LOCATION OF UNDERGROUND SERVICES. THESE RESULTS ARE NOT INFALLIBLE AND NON-DESTRUCTIVE DIG PROCESS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION, POSITIONS AND PARTICULARLY HEIGHTS, WHERE THESE ARE CRITICAL. ALTHOUGH ALL REASONABLE EFFORT HAS BEEN MADE IN LOCATING AND MAPPING THE UNDERGROUND SERVICES, THE COMPLETE EXTENTS OF THE UTILITY SURVEY INFORMATION CANNOT BE GUARANTEED.

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA
MARKS USED: 53M 25391

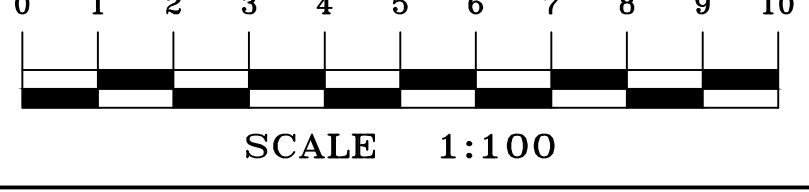
VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: 53M 25391
R.L. 30.068 (ORDER 13)
SOURCE: S.C.I.M.S. (18/10/17)

CLIENT:
TAFE NSW
LEVEL 1, BUILDING A
19 MARY ANN STREET
ULTIMO NSW 2007

SURVEY PLAN
SHOWING DETAIL & LEVELS
OVER LOT 11 IN D.P.1232584
MEADOWBANK TAPE,
57A CONSTITUTION ROAD
MEADOWBANK NSW 2114

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LGA: RYDE	DRAWN	CHECKED	APPROVED
MB/H/C/T	GP/CJR	MB/H/C	MDL
SURVEY INSTRUCTION	SCALE	DATE OF SURVEY	
1731b	1:100 @ A3	14/05/19	
DRAWING NAME	ISSUE		
CAD FILE			
1731bDetail.dwg			



LEGEND:

—S+— = SEWER LINE (UNDERGROUND) PLOTTED FROM SERVICE DIAGRAMS, APPROXIMATE POSITION ONLY.



CODE	DEPTH	PIPE	DIAETER
105	78	SSL	-131
0.10	EOT		
SURFACE			NOTE

LEGEND:

EOT = END OF TRACE
FOD = FULL OF DEBRIS
FOW = FULL OF WATER
GPR = GROUND PENETRATING RADAR
UTO = UNABLE TO OPEN
UTT = UNABLE TO TRACE

LEGEND: (SEE SERVICE NOTES 1)

—C— = COMMUNICATIONS LINES (UNDERGROUND)
—E— = ELECTRICITY LINE (UNDERGROUND)
—G— = GAS LINE (UNDERGROUND)
—O— = OPTUS LINE (UNDERGROUND)
—S— = SEWER LINE (UNDERGROUND)
—S+— = SEWER LINE PLOTTED FROM DRYD
—SW— = STORMWATER LINE (UNDERGROUND)
—T— = TELSTRA LINE (UNDERGROUND)
—U— = UNKNOWN SERVICE (UNDERGROUND)
—W— = WATER LINE (UNDERGROUND)
—S+— = SEWER LINE (UNDERGROUND) PLOTTED FROM DIAL BEFORE YOU DIG PLANS DATED 11/04/2019

SERVICE 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: THE RECORDING OF DEPTHS AND POSITION OF PIPES CANNOT BE GUARANTEED AS CORRECT. WE RECOMMEND NON DESTRUCTIVE DIGGING/PROBING TO EXPOSE SERVICES FOR ACCURATE IDENTIFICATION AND DEPTH.

CAUTION: DURKIN HAVE SURVEYED AND MARKED OUT EXISTING STORMWATER LINE IN THE AREA SPECIFIED BY THE CLIENT. THESE LINES HAVE BEEN LOCATED BY ABOVE GROUND SERVICE TRACING METHODS AND HAS NOT BEEN SIGHTED. OUR SURVEYORS HAVE THEN LOCATED THE LINE MARKED BY DURKIN. THE LOCATION OF THESE MARKED LINE IS APPROXIMATE ONLY. WE RECOMMEND NON DESTRUCTIVE DIGGING/PROBING TO EXPOSE MARKED SERVICES TO VERIFY AND SHOW EXACT DEPTH AND LOCATION OF SERVICE LINES PRIOR TO EXCAVATION. EXISTING UTILITIES PLOTTED ON THE PLAN THAT TERMINATE IN THE SPECIFIED AREA MAY GO TO FEATURES THAT HAVE NOT BEEN SHOWN ON THIS DETAIL SURVEY. THE RISK REMAINS WITH THE CLIENT AND/OR SUB CONTRACTOR AND THEIR RESPONSIBILITY TO EXERCISE CAUTION AT ALL TIMES.

SUBSURFACE UTILITY INFORMATION

SUBSURFACE UTILITY INFORMATION (SUI) ASS488 CLASSIFICATION
QUALITY LABELING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

QUALITY A
INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POI) HOLDING TECHNIQUE. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OF THE SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED AS AN X, Y, Z COORDINATE. EXPECTED HORIZONTAL AND VERTICAL ACCURACY IS +/-20MM.

QUALITY B
INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEX TRACER, GROUND PENETRATING RADAR AND ACOUSTIC PULSE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y, AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS OF CABLES AFFECTING THE LOCATING SIGNAL. EXPECTED HORIZONTAL ACCURACY IS +/-300MM. VERTICAL ACCURACY +/-500MM.

QUALITY C
INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MARKER PLATES OR WATER HYDRANTS AND ACQUIRED DIAL BEFORE YOU DIG PLANS TO DRAW A STRIKE WHEN SHOWING THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MULTIPLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE-DIMENSIONAL INFORMATION. EXPECTED HORIZONTAL ACCURACY (SURFACE FEATURES ONLY) IS +/-300MM.

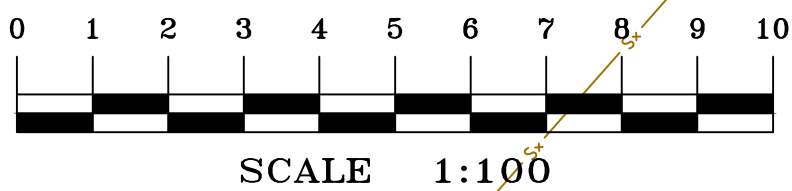
QUALITY D
INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL BEFORE YOU DIG PLANS OR OTHER RECORDS AND BY MEASURING BOUNDARY OFFSETS ETC. THIS METHOD OF UTILITY LOCATION SHOULD ALWAYS BE TREATED AS AN INDICATION. THE PRESENCE OF A SERVICE ONLY IF IT IS USED FOR DESIGN. TOLERANCE DOES NOT APPLY TO AN INDICATIVE LOCATION THAT IS ATTRIBUTED TO QUALITY LEVEL D.

DETECTION DISCLAIMER
ELECTROMAGNETIC LOCATING TECHNIQUES AS WELL AS GROUND PENETRATING RADAR HAVE BEEN UTILISED IN THE LOCATION OF UNDERGROUND SERVICES. THESE RESULTS ARE NOT INFALLIBLE AND A NON-DESTRUCTIVE DIG PROCESS SHOULD BE CARRIED OUT TO CONFIRM SERVICE IDENTIFICATION, POSITIONS AND PARTICULARLY DEPTHS, WHERE THESE ARE CRITICAL. ALTHOUGH ALL REASONABLE EFFORT HAS BEEN MADE IN LOCATING AND MAPPING THE UNDERGROUND SERVICES, THE COMPLETE EXTENTS OF THE UTILITY SURVEY INFORMATION CANNOT BE GUARANTEED.

Note:

DETAIL SURVEY AND SERVICES INFORMATION SHOWN IN GREYS/SCALE COLOUR ON THIS PLAN IS THE SUBJECT OF A PRIOR SURVEY CARRIED OUT BY OTHERS. OUR SURVEYORS TAKE NO RESPONSIBILITY FOR THAT SURVEY REFERRED TO VENS JOB NO. 200444, DRAWING NUMBER/ISSUE 001-006, DATED 03/04/2018.

PARTS OF THIS DETAIL AND LEVEL SURVEY SUPPLEMENTED BY PRIOR DETAIL AND LEVEL SURVEY BY OUR SURVEYORS CARRIED OUT IN 2017 AND 2018 FOR WOODS BROS. ARCHITECTS OVER ADJOINING LOT 10.



NOTES

• A BASIC BOUNDARY SURVEY HAS BEEN UNDERTAKEN SUITABLE FOR COUNCIL DA SUBMISSION (TITLE DIMENSIONS ONLY) - BOUNDARY DIMENSIONS ARE 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 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. TREES TAGGED BY OTHERS.

• THIS PLAN HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF GHD PTY LTD TO BOUNDARIES IS INDICATIVE ONLY.

• 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.

• UNDERGROUND SERVICE INVESTIGATION HAS ONLY BEEN CARRIED OUT IN THE REQUESTED AREAS. VISIBLE SERVICES HAVE BEEN LOCATED OUTSIDE THE SCOPED AREA. NOTHING SHOULD BE CARRIED OUT TO CONFIRM DEPTH AND LOCATION OF ANY CRITICAL SERVICES.

• SEWER MAIN MARKED AS ---S+--- PLOTTED FROM SYDNEY WATER SEWER DIAGRAM. LOCATION SHOULD BE MARKED 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 1:100.

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

• COPYRIGHT © OUR SURVEYORS 2019.

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• THIS NOTICE MUST NOT BE ERASED.

ABT = BURIED PIT
AC = AIR CONDITIONER
AN = ANCHOR
BAL = BALCONY
BB = BOTTOM OF BANK
BN = RUBBISH BIN
BT = BUTTERFLY
BLD = EXTERNAL BUILDING
BOX = BACK OF KERB
BOL = BOLLARD
BOT = BOTTOM OF ROCK
BW = BOTTOM WALL
CL = CENTRELINE
COL = COLUMN
CON = CONCRETE
CPT = COMMUNICATIONS PIT
CS = COMMUNICATIONS SURFACE LEVEL
DK = DECK
DIP = DOWN PIPE
DS = DOOR SILL LEVEL
ELO = ELECTRICITY LINE OVERHEAD
EPL = ELECTRICITY PILLAR
EPIT = ELECTRICITY PIT
ESL = ELECTRICITY SURFACE LEVEL
FCE = FENCE
FHY = FIRE HYDRANT
FL = FLOOR LEVEL
FF = FLAG POLE
GARFL = GARAGE FLOOR LEVEL
GOR = GUARD RAIL
GP = GUTTER LEVEL
GR = GAS METER
GPT = GAS PIPELINE MARKER
GRT = GRATE
GSL = GAS VALVE
GVA = GAS VALVE
IL = INVERT LEVEL
LAN = LANDING
LH = LAMP HOLE
LID = MISCELLANEOUS PIT LID
LIN = LINTEL
LP = LINE MARKING
LS = LIGHT POLE
MW = MONITORING WELL
NS = NATURAL SURFACE
OSL = OPTUS SURFACE LEVEL SPOT
PAT = PATIO
PAY = PAYING
PIPE = PIPE, OVERVIEW
POST = POST
PT = PIT
RA = RAILING
RTP = ROOF OF ROOF
RK = ROCK
RPP = RAMP
RR = ROOF RIDGE
SCR = SCREEN
SHED = SHED
SIP = SEWER INSPECTION PIT
SLA = SURFACE LEVEL ABOVE SERVICE
SMH = SEWER MAIN HOLE
SSL = SEWER SURFACE LEVEL
SSR = STATE SURVEY MARK
STR = STAIRS
SUBP = ELECTRICITY SUBSTATION
SWP = STORMWATER PIT
SWSL = STORMWATER SURFACE LEVEL
TAB = TABLE
TAP = TAP
TB = TOP OF BANK
TFCE = TOP OF FENCE
TG = TOP OF GUTTER
TIL = TILE
TAS = TOP OF KERB
TLE = TREE LINE
TOP = TOP OF PIPE
TOR = TOP OF ROCK
TPIT = TELSTRA PIT
TR = TREE
TSL = TELSTRA SURFACE LEVEL
TW = TOP OF WALL
UNSL = UNKNOWN LEVEL
UPIT = UNKNOWN PIT
USL = UNKNOWN SERVICE SURFACE LEVEL
VCL = VEHICLE CROSSING
VNT = VENT
WC = WATER COURSE
WM = WATER METER
WPT = WATER PIT SPOT
WSL = WATER SLA SURFACE LEVEL
WT = WATER TANK
WV = WATER VALVE
TREE
SPREAD-DIAMETER-HEIGHT-TREE TAG NUMBER

HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA
MARKS USED: 55M 25391

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: 55M 25391
R.L. 30.068 (ORDER L3)
SOURCE: S.C.I.M.S. (18/10/17)

CLIENT:

TAFE NSW
LEVEL 1, BUILDING A
19 MARY ANN STREET
ULTIMO NSW 2007

SURVEY PLAN
SHOWING DETAIL & LEVELS
OVER LOT 11 IN D.P.1232584
MEADOWBANK TAPE,
57A CONSTITUTION ROAD
MEADOWBANK NSW 2114

C.M.S. Surveyors
Pty Limited

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2/99A South Creek Road, Dee Why NSW 2099
Telephone: (02) 9971 4800
Facsimile: (02) 9971 4802
E-mail: info@cmsurveyors.com.au

LGA: RYDE

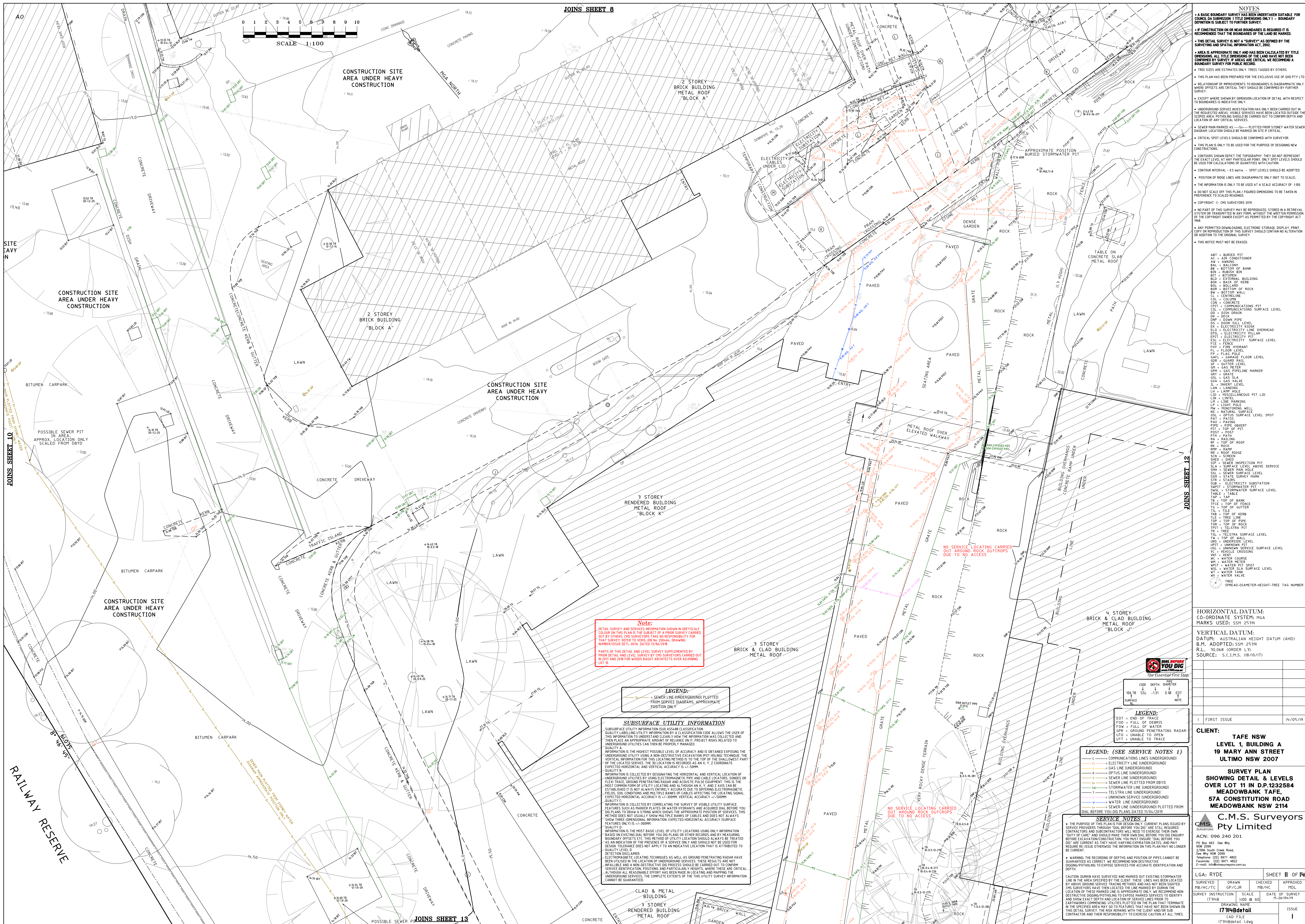
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MB/H/TC	GP/CR	MB/H/C	MDL

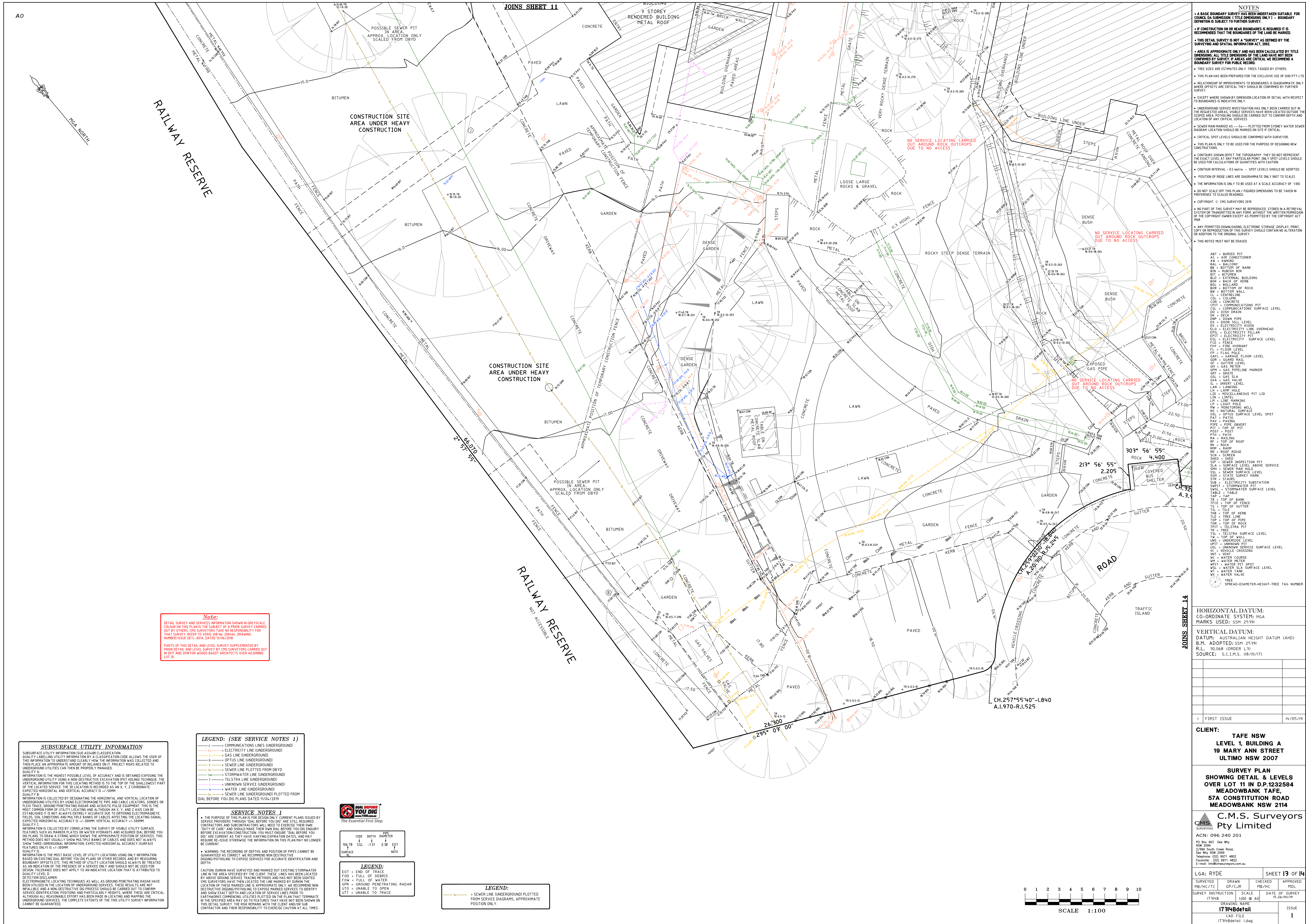
SURVEY INSTRUCTION 17314B SCALE 1:100 DATE OF SURVEY 14/05/19

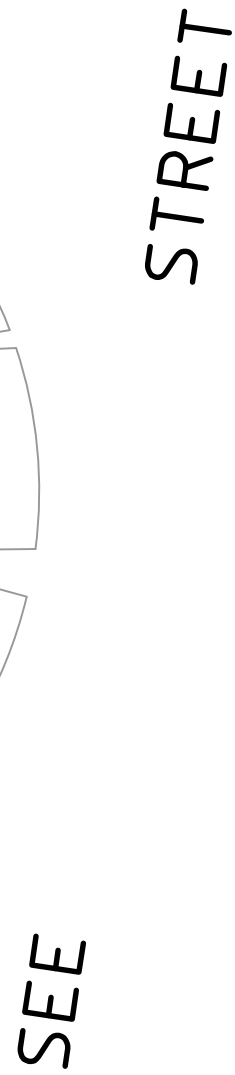
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ISSUE: 1

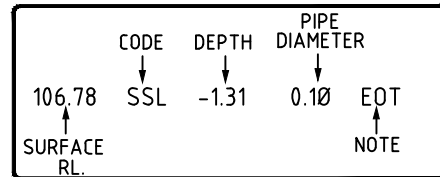






**DIAL BEFORE
YOU DIG**
www.1100.CAN.GOV

The Essential First Step



LEGEND:
ND OF TRACE
ULL OF DEBRIS
ULL OF WATER
ROUND PENETRATING RADAR
NABLE TO OPEN
NABLE TO TRACE



LEGEND: (SEE SERVICE NOTES 1)

C	= COMMUNICATIONS LINE (UNDERGROUND)
EU	= ELECTRICITY LINE (UNDERGROUND)
G	= GAS LINE (UNDERGROUND)
O	= OPTUS LINE (UNDERGROUND)
S	= SEWER LINE (UNDERGROUND)
Sx	= SEWER LINE PLOTTED FROM DBYD
SW	= STORMWATER LINE (UNDERGROUND)
T	= TELSTRA LINE (UNDERGROUND)
U	= UNKNOWN SERVICE (UNDERGROUND)
W	= WATER LINE (UNDERGROUND)
Sx	= SEWER LINE (UNDERGROUND) PLOTTED FROM

IAL BEFORE YOU DIG PLANS DATED 11/04/2019

SERVICE NOTES 1

• THE PURPOSE OF THIS PLAN IS FOR DESIGN ONLY. CURRENT PLANS ISSUED BY SERVICE PROVIDERS ARE TO BE USED IN CONJUNCTION WITH THE SPECIFICATIONS CONTRACTORS AND SUBCONTRACTORS WILL NEED TO EXERCISE THEIR OWN "DUTY OF CARE" AND SHOULD MAKE THEIR OWN BALD BEFORE YOU BEGIN ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA.

• WARNING: THE RECORDS OF DEPTHS AND POSITIONS OF PIPES CANNOT BE GUARANTEED AS CORRECT. WE RECOMMEND NON DESTRUCTIVE TESTING/POHOLOGING TO EXPOSE SERVICES FOR ACCURATE IDENTIFICATION AND DEPTH.

CAUTION DURING HAVE SURVEYED AND MARKED OUT EXISTING STORMWATER LINE IN THE AREA SPECIFIED BY THE CLIENT. THESE LINES HAVE BEEN LOCATED AND MARKED BY THE SURVEYOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA.

[illegible][illegible][illegible]


HORIZONTAL DATUM:
CO-ORDINATE SYSTEM: MGA
MARKS USED: SSM 2539I

VERTICAL DATUM:
DATUM: AUSTRALIAN HEIGHT DATUM (AHD)
B.M. ADOPTED: SSM 2539I
R.L. 30.068 (ORDER L3)
SOURCE: S.C.I.M.S. (18/10/17)

I	FIRST ISSUE	14/05/19

CLIENT:
TAFE NSW
LEVEL 1, BUILDING A
19 MARY ANN STREET
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**SURVEY PLAN
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Telephone: (02) 9971 4802
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LGA: RYDE		SHEET 14 of 14	
SURVEYED MB/HC/TC	DRAWN GP/CJR	CHECKED MB/HC	APPROVED MDL
SURVEY INSTRUCTION 17314B		SCALE 1:100 @ A0	DATE OF SURVEY 15-26/04/19
DRAWING NAME 17314Bdetail			ISSUE 1
CAD FILE			
17314Bdetail_1.dwg			