

NOTES

ANY ELECTRONIC FILE IS PROVIDED WARRANTY AND SHOULD ONLY BE USED IN CONJUNCTION WITH THE SUPPLIED PDF COPY OF THE PLAN.

THESE NOTES ARE AN INTEGRAL PART OF THE DIGITAL DATA FILE AND SHOULD BE READ WITH THE DATA FILE AND MUST NOT BE REMOVED FROM THE DATA FILE.

FOR REASONS OF PLAN PRESENTATION, NOT ALL OF THE INFORMATION CAN BE SHOWN ON THIS PLAN. PLEASE REFER TO ACCOMPANYING DIGITAL DATA FOR ALL SURVEY INFORMATION AND ATTRIBUTES.

DATA HAS BEEN EXTRACTED FROM MAGNET/12D FILE "Combined 2019 and Adjacent Insites Data"

BOUNDARIES SHOWN HEREON ARE FROM THE STATE DIGITAL CADASTRAL DATABASE (DCDB). THEY ARE OF UNKNOWN COMPLETENESS AND ACCURACY AND ARE SHOWN FOR PLAN CONTEXT ONLY.

UNDERGROUND SERVICES SHOWN ARE INDICATIVE ONLY. POSITIONS ARE BASED ON ASSET RECORDS PROVIDED BY THE RELEVANT SERVICES AUTHORITIES THROUGH DIAL BEFORE YOU DIG (DYBD) REQUEST MADE 01/07/2019 THAT HAVE BEEN CORRELATED WITH SURVEYED SURFACE UTILITY INFORMATION. CONFIRMATION OF THE EXACT POSITION SHOULD BE MADE PRIOR TO ANY EXCAVATION WORK. OTHER SERVICES MAY EXIST WHICH ARE NOT SHOWN.

LEVELS ARE BASED ON AUSTRALIAN DATUM (AHD) USING SSM118267 WITH RL OF 28.258 (ACC LB/L2) LOCATED AT CORNER OF SHORTLAND AVE & MARION ST.

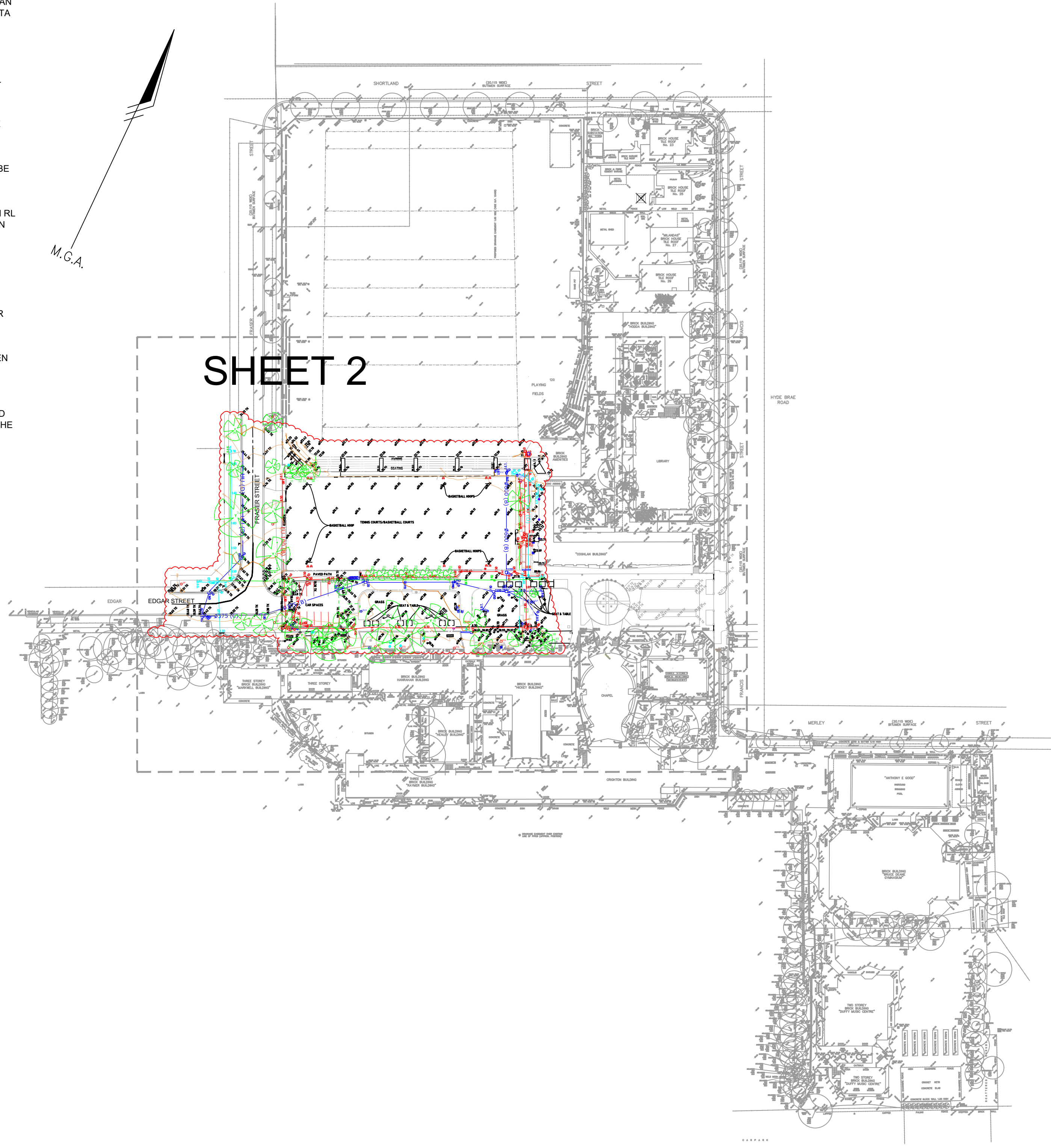
THIS SURVEY IN ON MGA COORDINATES WITH GRID/GROUND DISTANCES. THE ORIGIN OF COORDINATES IS SSM118267 WITH MGA COORDINATES OF E321746.457 N6250237.308 (ACC A/1) LOCATED AT CORNER OF SHORTLAND AVE & MARION ST.

ONLY SIGNIFICANT TREES ON THE SUBJECT SITE WITH A TRUNK DIAMETER OF 100mm OR GREATER HAVE BEEN SURVEYED. SMALLER TREES AND SHRUBS EXIST ON SITE. NO TREE TAGS HAVE BEEN PLACED.

CONTOURS ARE AN INDICATION OF LANDFORM AND SHOULD NOT BE TAKEN IN PREFERENCE TO SPOT LEVELS SHOWN.

CONTOUR INTERVAL SHOWN IS 1.0 MAJOR AND 0.50 MINOR.

ONLY FEATURES WITHIN THE RED REVISION CLOUD HAVE BEEN SURVEYED FOR THE PURPOSES OF THIS PLAN. ALL SURVEY INFORMATION OUTSIDE THE REVISION CLOUD ARE FOR REPRESENTATIVE PURPOSES ONLY AND POSITION AND LEVEL HAVE NOT BEEN CONFIRMED BY RPS. THIS GREYED OUT UNDERLYING INFORMATION WAS TAKEN FORM A DETAIL PLAN PREPARED BY DEGOTARDI SMITH & PARTNERS DATED 08.08.01 AND WHELAN'S INSITES DATED 10.09.13.



PUBLIC UTILITY LEGEND

- E ELEC**
- CABLE JUNCTION BOX (PEJB)
 - CABLE MANHOLE (PEMH)
 - DISTRIBUTION FUSE POINT
 - GARDEN LIGHT (PLGN)
 - POLE - LIGHT (PLPL)
 - POLE - POWER (PPPL)
 - POLE - POWER & LIGHT (PPLP)
 - POWER SERVICE PILLAR - UNDERGROUND (PEUP)
 - TRANSFORMER CABINET CENTRE (PETC)
 - LIGHT WITH OUTREACH (LI)
 - STAY ANCHOR POLE (PSAP)
 - HOUSE CONNECTION (EY) (DIA UNK)
 - HOUSE CONNECTION (EY) (DIA)
 - CONDUIT (ED) (DIA UNK)
 - CONDUIT (ED) (DIA)
 - LINE-UNDERGROUND (EU) (DIA UNK)
 - LINE-UNDERGROUND (EU) (DIA)
 - LINE-MINOR TRANSMISSION (UL) (DIA UNK)
 - LINE-MINOR TRANSMISSION (UL) (DIA)

E TCS

- TRAFFIC CONTROL SIGNAL (PSGL)
- TRAFFIC SIGNAL CONTROLLER (PSCL)
- TRAFFIC SIGNAL DETECTOR (PSDR)
- TRAFFIC SIGNAL JUNCTION BOX (PSJX)
- TRAFFIC LIGHT WITH OUTREACH (TO)
- TRAFFIC SIGNAL DETECTOR (SD)

E COMMS (COMMUNICATIONS)

- TELEPHONE DISTRIBUTION PILLAR (PTDP)
- ABOVE GROUND JOINING POST (PTJP)
- OPTICAL FIBRE JUNCTION BOX (POFJ)
- OPTICAL FIBRE PIT (POFP)
- STD 1.1m BY 1.1m MAIN PIT (PTMP)
- TELEPHONE BOX POINT (PTBX)
- TELEPHONE POLE (PTPL)
- TELEPHONE SINGLE CONCRETE PIT (PTSP)
- TELEPHONE TRIPLE CONCRETE PIT (PTSP)
- TELEPHONE TWIN CONCRETE PIT (PTTP)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA UNK)
- OPTICAL FIBRE-UNDERGROUND (OU) (DIA)
- TELEPHONE LINE (TN) (DIA UNK)
- TELEPHONE LINE (TN) (DIA)
- TELEPHONE CONDUIT (TD) (DIA UNK)
- TELEPHONE CONDUIT (TD) (DIA)
- TELEPHONE SUMP (TS)

E GAS

- MANHOLE COVER (PGHL)
- METER (PGMR)
- PIPELINE MARKER (PGPM)
- PIPELINE MARKER - HIGH PRESSURE (PGHM)
- VALVE BOX (PGAS)
- VENT PIPE (PGVP)
- TEST POINT (PGTP)
- ETHANE PIPELINE (HA) (DIA UNK)
- ETHANE PIPELINE (HA) (DIA)
- HOUSE CONNECTION (DG) (DIA UNK)
- HOUSE CONNECTION (DG) (DIA)
- MAIN-HIGH PRESSURE PIPELINE (HG) (DIA UNK)
- MAIN-HIGH PRESSURE PIPELINE (HG) (DIA)
- MAIN-LOW PRESSURE PIPELINE (LG) (DIA UNK)
- MAIN-LOW PRESSURE PIPELINE (LG) (DIA)

E WATER

- AIR VALVE (PWAV)
- EARTH TERMINAL (PWET)
- FIRE HYDRANT (PWFB)
- HYDRANT (PWHY)
- METER (PWRM)
- STOP VALVE (PWSV)
- TAP (PWTP)
- HOUSE CONNECTION (WY) (DIA UNK)
- HOUSE CONNECTION (WY) (DIA)
- MAIN (WM) (DIA UNK)
- MAIN (WM) (DIA)

E SWER

- MANHOLE COVER (PSMH)
- VENT PIPE (PSVP)
- LAMPHOLE (PSLH)
- MAIN (SM) (DIA UNK)
- MAIN (SM) (DIA)
- HOUSE CONNECTION (SY) (DIA UNK)
- HOUSE CONNECTION (SY) (DIA)

E DRAIN (STORMWATER)

- DRAINAGE JUNCTION MANHOLE (PDJM)
- GULLY PIT POINT (PSLL)
- INLET TO SUMP (PLT)
- INVERT OF PIPE (PINV)
- TOP OF CONCRETE JUNCTION BOX (PJJBX)
- SUBSOIL DRAIN FLUSH POINT (PSFP)
- KERB INLET (KI)
- IRRIGATION JUNCTION PIT
- DRAINAGE LAMPHOLE
- DRAINAGE PIT (DP)
- DRAINAGE BOX (DX)
- DRAINAGE PIPE (UJ) (DIA UNK)
- DRAINAGE PIPE (UJ) (DIA)
- DISH DRAIN (DD)

E CULT (CULTURAL)

- SIGN POST (PSIN)
- LARGE SIGN (SI)
- BOLLARD (AC)
- FENCE POST-GUIDE POST (POST)
- CORNER OF BUILDING
- GATE (AC)
- FENCE (FE)

E BUIL

- FLOOR LEVEL (PFLR)
- AIRCON UNIT

E MISC

- GATIC COVER LID (PGAT)
- UNIDENTIFIED POLE (PPOL)
- UNIDENTIFIED SERVICE (PUSR)
- UNIDENTIFIED SERVICE (UP)

E TOPO

- SPOT HEIGHT (PSHT)
- NATURAL SURFACE
- TREE

SUI QUALITY CLASSIFICATION

- (A) QUALITY LEVEL A FOW FULL OF WATER
- (B) QUALITY LEVEL B FOD FULL OF DIRT
- (C) QUALITY LEVEL C UTO UNABLE TO OPEN
- (D) QUALITY LEVEL D NA NOT ACCESSIBLE
- EDT END OF TRACE
- UTT UNABLE TO TRACE
- NPV NO PIPES VISIBLE
- EOS END OF SIGNAL

- UTILITY LEGEND**
- ELECTRICITY (AUSGRD)
- AC ASBESTOS CEMENT
 - GI GALVANISED IRON
 - PVC POLYVINYL CHLORIDE
- GAS (JEMENA)
- MB NOMINAL BORE (CAST IRON MAN)
 - PE POLYETHYLENE
- RMS
- GI GALVANISED IRON
 - HD HEAVY DUTY
 - PVC POLYVINYL CHLORIDE
- TELSTRA & OPTUS
- AC ASBESTOS CEMENT
 - CONC CONCRETE
 - EW EARTHENWARE
 - GI GALVANISED IRON
 - PVC POLYVINYL CHLORIDE
- WATER (SYDNEY WATER)
- CICL CAST IRON CEMENT LINED
 - OCIL DUCTILE IRON CEMENT LINED
 - GI GALVANISED IRON
 - PVC POLYVINYL CHLORIDE
 - VC VITRIFIED CLAY
 - SCIBL STEEL CEMENT LINED INTERNAL BITUMEN LINED

REVISIONS	No.	DATE	REVISION DETAILS	DRAWN	CHK	APP
	A	23.07.2019	INITIAL PLAN	JMJ	AF	TC

HORIZ. SCALE:	1:100 @ A1	VERT. SCALE:	N/A @ A1
COORDINATES:	MGA	DATUM:	AHD
ORIGIN:	SSM 18267	ORIGIN:	SSM 18267

SCALE IN METRES AT ORIGINAL REDUCTION RATIO	
2	4

NOTES

CLIENT:	ST PATRICK'S COLLEGE
SURVEY:	AF
DRAWN:	JMJ
CHECKED:	AF
APPROVED:	TC
DATE OF SURVEY:	09.07.2019
DATE OF PLAN:	23.07.2019
DATE LAST SAVED:	23.07.2019
DATE APPROVED:	23.07.2019

ADDITIONAL SURVEY WORKS
ST PATRICK'S COLLEGE
STRATHFIELD

DRAWING No PR123358-DETL-001-A.dwg

JOB No	PR123358	ISSUE	A
www.dialbeforeyoudig.com.au			
NO DIAL 1100 BEFORE YOU DIG			
SHEET 1 OF 2 SHEETS			

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THIS IS A COLOURED PLAN.
REPRODUCTION IN COLOUR ONLY.

SIZE A1
MAXIMUM COMPLEX EASY

NOTES:

- THIS PLAN SHOWS A REPRESENTATION OF A 3D UTILITY MODEL PR123358-DETL-001-A.dwg. THIS MODEL SHOULD BE VIEWED IN A CAD ENVIRONMENT TO INTERPRET THE 3D INFORMATION.
- ALL UTILITIES (EXCEPT GAS) ARE CLASS QL-B UNLESS NOTED OTHERWISE.
- ALL GAS UTILITIES ARE CLASS QL-C UNLESS NOTED OTHERWISE OR SHOWN AS DIGITISED.
- RPS UTILITY LOCATION USE DIAL BEFORE YOU DIG (DBYD) AS ONE SOURCE OF INFORMATION ONLY WHEN LOCATING UTILITIES.
- UTILITY INFORMATION AND CONFIGURATION SUPPLIED FROM ASSET OWNERS (DBYD).
- SINGLE STRINGS MAY REPRESENT MULTIPLE CABLES, CONDUITS OR PIPES.
- ELECTRICITY CABLES ARE NOT NECESSARILY ENCLOSED IN CONDUITS AND ARE NOT NECESSARILY COVERED WITH MARKERS, TAPE OR OTHER INDICATORS OF THEIR PRESENCE.
- NOT ALL HOUSE CONNECTIONS HAVE BEEN LOCATED.
- IT REMAINS THE RESPONSIBILITY OF THE COMPANY AND/OR THE INDIVIDUAL CONDUCTING PHYSICAL WORKS TO ENSURE AN UP-TO-DATE VERSION OF DIAL BEFORE YOU DIG PLANS IS CONSULTED AND AVAILABLE ON SITE. PHYSICAL WORKS MAY INCLUDE, BUT NOT BE LIMITED TO, EXCAVATING, BORING (HORIZONTAL AND VERTICAL), AND DRILLING.
- ALL UTILITIES NEED TO BE POTHOLED TO VERIFY LOCATION AND DEPTH IS CORRECT.
- WHERE POSSIBLE IN THE FIELD, DEPTHS TO INDIVIDUAL SERVICES WERE OBTAINED AND RECORDED. THE DEPTH IS SHOWN AS TEXTURAL NOTATION. HENCE, THE ATTRIBUTE "0.58D" INDICATES A DEPTH TO THE UTILITY OF 580mm.
- THE NOTATION "EOT" SHOWN HEREON REFERS TO "END OF TRACE", THE POINT WHERE A PARTICULAR SERVICE LINE WAS NO LONGER ABLE TO BE RELIABLY LOCATED AT THE SURFACE.

NOTE ON AS 5488-2019 CLASSIFICATION OF SUBSURFACE UTILITY INVESTIGATION (SUI)

Quality Levels

This Standard provides a framework for the classification of subsurface utility location and attributed information in terms of specified quality levels. The objective of this Standard is to provide utility owners, operators and locators with a framework for the consistent classification of information concerning subsurface utilities. Project risks related to underground utilities can then be properly managed.

A quality level describes the amount and accuracy of information that is collected or held on a subsurface utility.

There are four quality levels: D, C, B and A

Quality Level D (QL-D) is the lowest of these four quality levels. The attribute information and metadata of a subsurface utility can be compiled from any, or a combination of, the following:

- Existing records;
- Cursory site inspection;
- Anecdotal evidence

Quality Level C (QL-C) is described as a surface feature correlation or an interpretation of the approximate location and attributes of a subsurface utility asset using a combination of existing records (and/or anecdotal evidence) and a site survey of visible evidence. The minimum requirement for Quality Level C is relative spatial position. 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 string which shows the approximate position of services. Other methods used to obtain proof of the existence of an undefined entity that do not utilize physical measurement or tracing that satisfy Quality Level B or Quality Level A spatial tolerances (for example: ground penetrating radar; acoustic; photographic; other.)

Quality Level B (QL-B) provides relative subsurface feature location in three dimensions. The minimum requirement for Quality Level B is relative spatial position. Information is collected by designating the horizontal and vertical location of underground utilities by using electromagnetic pipe and cable locators, sondes or flexi-trace, ground penetrating radar and acoustic pulse equipment.

Quality Level A (QL-A) is the highest quality level 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. It is the only quality level that defines a subsurface utility as "validated". Where the whole line segment cannot be verified by line of sight, quality level A shall not be attributed to the line segment between validated points. The vertical information for this locating method is to the top or shallowest part of the located service.

DISCLAIMER:

THIS SURVEY MODEL INCLUDES INFORMATION DESCRIBING THE LOCATION OF SUBTERRANEAN FEATURES WHICH WERE PURPORTED TO EXIST AT THE TIME OF SURVEY.

THIS INFORMATION WAS COMPILED FROM A COMBINATION OF FIELD TECHNIQUES AND AVAILABLE DATA FROM COOPERATING UTILITY AUTHORITIES. WHILST ALL CARE HAS BEEN TAKEN IN THE PREPARATION OF THIS SURVEY MODEL, RPS CANNOT GUARANTEE THAT THE SURVEY MODEL IS WITHOUT FLAW OR OMISSIONS. RPS CANNOT TAKE RESPONSIBILITY OF ANY KIND WHATSOEVER FOR ANY LOSS, DAMAGE OR OTHER CONSEQUENCES WHICH MAY ARISE FROM ANY PERSON RELYING ON ANY THING STATED ON THIS PLAN.

IN PARTICULAR, IT IS RECOMMENDED THAT USERS SATISFY THEMSELVES AS TO THE LOCATION OF SUBTERRANEAN FEATURES SUCH AS UTILITIES WHICH MAY OR MAY NOT BE SHOWN ON THE PLAN.

