UTILITY LEGEND

- C — COMMUNICATION CABLE UNDER GROUND (QLD)
- D — DRAIN PIPE UNDER GROUND (QLD)
- E — ELECTRICAL CABLE ABOVE GROUND (QLD)
- E — ELECTRICAL CABLE UNDER GROUND (QLD)
- G — GAS PIPE UNDER GROUND (QLD)
- S — SEWER PIPE UNDER GROUND (QLD)
- W — WATER PIPE UNDER GROUND (QLD)

NOTES

- CONTOURS ARE AN INDICATION OF THE TOPOGRAPHY AND SHOULD ONLY BE USED FOR PLANNING PURPOSES. IF DETAILED DESIGN IS TO BE UNDERTAKEN, SPOT LEVELS SHOULD BE USED. SOME SPOT ELEVATIONS HAVE NOT BEEN SHOWN TO REDUCE CONGESTION AND OVERPRINTING. ALL SPOT HEIGHTS ARE AVAILABLE IN DIGITAL FILE.
- BOUNDARY DIMENSIONS AND AREAS HAVE BEEN COMPILED FROM THE DEPOSITED PLAN
- RELATIONSHIP OF IMPROVEMENTS AND DETAIL TO BOUNDARIES IS DIAGRAMMATIC AND IF CRITICAL SHOULD BE CONFIRMED BY A FURTHER BOUNDARY SURVEY.
- NO SERVICE SEARCH HAS BEEN UNDERTAKEN. ONLY THOSE SERVICES WITHIN THE PROPERTY VISIBLE AT THE TIME OF SURVEY HAVE BEEN LOCATED. FOR FURTHER CLARIFICATION ON THE LOCATION OF ALL UNDERGROUND SERVICES A DIAL BEFORE YOU DIG SEARCH REQUEST MUST BE UNDERTAKEN AT www.1100.com.au AND AN UNDERGROUND SERVICE LOCATOR ENGAGED TO ASSIST SURVEYORS IN THE LOCATING AND DOCUMENTATION OF ALL UNDERGROUND SERVICES IN THE AREA. FOR EXACT LOCATIONS AND DEPTHS IN CRITICAL AREAS POTHOLING OF SERVICES AND FURTHER SURVEY IS REQUIRED.
-
- DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DETAIL FROM THE DRAWING.
- ALL DIMENSIONS IN METRES UNLESS OTHERWISE SHOWN.

GUMLEY LANE
CHURCH STREET
PRINCES HIGHWAY
GORDON STREET
EASEMENT FOR Padmount SUBSTATION
RESTRICTION ON THE USE OF LAND
RESTRICTION ON THE USE OF LAND
MGA

Surveyed By:	BA	Horizontal Datum:	MGA 2020					
Date of Survey:	06/24	Vertical Datum:	AHD					
CAD System:	AutoCAD	Grid/Origin:	SS14193					
Drawn:	TR	File No: IA325100_MILTON_HOSPITAL PRECINCT SURVEY_REVA.dwg						
		Checked:	AS	A	PLAN ISSUED	0624	TR	AS
				REV	AMENDMENT	DATE	DRAWN	CHKD

SCALE: 1:200
REV: A
DRAWING No: IA325100_MILTON_HOSPITAL PRECINCT SURVEY

Jacobs
Survey Section
177 Pacific Hwy, NORTH SYDNEY
P.O. BOX 632 NORTH SYDNEY. N.S.W. 2060
Switchboard: (02) 9928 2100

IA325100 MILTON HOSPITAL PRECINCT SURVEY

A1

Apr 09, 2025 - 3:32pm C:\Users\swedan\AppData\Local\Temp\AcPublish_34\IA325100_MILTON_HOSPITAL PRECINCT SURVEY_REVA.dwg

VERSION : 20/06/2019

JACOBS SURVEY REPORT

JOB NUMBER : IA325100
SUPERVISOR : A SEIDLER
DATE : 08/2024

PURPOSE OF SURVEY: MILTON HOSPITAL PRECINCT

TYPE OF SURVEY: SURVEY MODEL

DATE OF SURVEY: 08/2024

ROAD NAME: PRINCES HIGHWAY START E: END E:
LOCATION: MILTON N: N:

SURVEY DATUM:

Horizontal Datum: MGA2020 Zone56 Vertical Datum: AHD
Datum Point: SS14193 Datum Point: SS14193
Source of Data: SCIMS Date: 06/24 Source of Data: SCIMS Date: 06/24

Notes on control:
SCIMS CONTROL ADOPTED - DESKTOP SURVEY SS14193, PM2180 & SS72897

NOTES:
DESKTOP BOUNDARY OVERLAY - BOUNDARIES NOT VERIFIED BY CONNECTION TO MONUMENTS AND OCCUPATIONS
ESTIMATED POSITIONAL UNCERTAINTY OF DESKTOP BOUNDARY OVERLAY ± 0.1m
ONLY EASEMENTS AFFECTING LOT1 DP1127802
NO LEASE OR COVENANTS AFFECTING THE SUBJECT LOTS HAVE BEEN RESEARCHED

VISIBLE UTILITY SERVICE LIDS AND MARKERS HAVE BEEN EXTRACTED FROM THE MLS POINT CLOUD
DYBA COMPLIATION - SERVICES NOT VERIFIED BY UTILITY LOCATION
DYBA COMPLIATION - SERVICES DRAFTED ON LAYERS WITH "CLASS_D" SUFFIX

CONTOURS AND TIN DERIVED FROM MLS POINT CLOUD AND WOLLONGONG REGION DEM AND LIDAR DATA 2013
CONTOUR INTERVAL SHOWN AT 0.5m SURVEY UNCERTAINTY OF TIN ± 0.1m FOR MLS DATA ± 0.3 FOR LIDAR DATA

3D BUILDING ENVELOPES MODELED TO LOD100. BUILDING FLOOR LEVELS HAVE BEEN EXTRACTED WHERE VISIBLE

DWG DATA SET INCLUDES REFERENCE TO METRO MAP 2024 HIGH RESOLUTION IMAGERY

COMBINED SCALE FACTOR: 1.00025

SURVEY TECHNIQUES USED: DESKTOP COMPLIATION

SPECIFICATIONS: The following Survey Specifications have been achieved
Layering, Linestyles and Blocks in this drawing are based on the national standard specified by the Defence SDMP for Master site plans

DESCRIPTION	SURVEY UNCERTAINTY		RELATIVE UNCERTAINTY		COMMENTS
	H	V	H	V	
Control Survey	± 0.050	± 0.050	± 0.020	± 0.020	Accuracies dependant on local control uncertainty
Hard Surface Features	± 0.1-0.3	± 0.1-0.3	± 0.1-0.3	± 0.1-0.3	MLS - LIDAR EXTRACTION
Natural Surface Features	± 0.1-0.3	± 0.1-0.3	± 0.1-0.3	± 0.1-0.3	MLS - LIDAR EXTRACTION
Services	N/A	N/A	N/A	N/A	QLD DIGITISED
Boundaries	± 0.1	± 0.1	± 0.1	± 0.1	BOUNDARY OVERLAY

TOTAL STATION EQUIPMENT USED	
Make of Instrument :	N/A
	N/A
GNSS EQUIPMENT USED	
Make of Instrument/s :	N/A
Model :	N/A
Base Station used :	N/A
LEVEL EQUIPMENT USED	
Make of Instrument/s :	N/A
Model/s :	N/A
SCAN EQUIPMENT USED	
Make of Instrument/s :	N/A
Model/s :	N/A

DISCLAIMERS

Model/s :

The survey from which this model was created was carried out to comply with the requirements of the client as set out in the scope of works contained in the survey instructions/brief for this project. Anyone who uses this survey for any purpose other than that for which it was carried out does so at his or her own risk.

Survey control information is regarded as suitable for the survey and correct at the time of survey but should be verified before being used for any purpose. No responsibility is taken for design or decisions extending beyond the extents of the survey as per the scope of this project

Building envelopes were modeled to LOD100 conceptual design. The Modeled objects represents the basic shape and size of the element without detailed information.

WARNINGS

No service search has been undertaken. Only those services available from BYDA searches have been digitised. For further clarification on the location of all underground services a dial before you dig search request must be undertaken at www.1100.com.au and an underground service locator engaged to assist surveyors in the locating and documentation of all underground services in the area. For exact locations and depths in critical areas potholing of services and further survey is required.

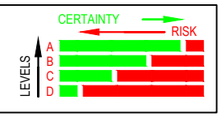
Boundaries have been compiled from Survey Records. If construction activity is to be carried out near the boundaries of the land, a Land Survey, as defined under the Surveying Act 2004 should be undertaken.

Any future desgin modelling based on that model should be verified with delivered point cloud.

UNDERGROUND QUALITY LEVEL LEGEND

UTILITY QUALITY LEVELS

A - VALIDATED , MEASURED DIRECTLY TO UTILITY
B - TRACED ELECTRONIC DETECTION OF UTILITY
C - ALIGNED , TO UTILITY SURFACE FEATURES
D - INDICATED /"BEST GUESS" TO DIAGRAMS/FEATURES



QL-D - Tolerance does not apply
QL-C - Maximum horizontal tolerance ±300mm
QL-B - Maximum horizontal tolerance ±300mm
Maximum vertical tolerance ±500mm
QL-A - Maximum horizontal and vertical tolerance ±50mm

Survey completed by;	This survey has been reviewed for Quality Assurance purposes by a surveyor or person who has been to the subject site	This survey has been reviewed for Quality Assurance purposes and meets the scope as set out in the project requirements
SA, MI, TR & BA	ADRIAN SEIDLER	ADRIAN SEIDLER