

GENERAL NOTES

COPYRIGHT OF THE MATERIAL SHOWN HEREON AND IN THE ACCOMPANYING CAD FILE VEST WITH GEOSURV PTY LTD.

NO BOUNDARY SURVEY HAS BEEN UNDERTAKEN. IF CONSTRUCTION OR DESIGN OF ANY NEW STRUCTURE IS INTENDED WITHIN PROXIMITY OF THE BOUNDARIES OR LOCAL GOVERNMENT REQUIREMENTS, A FURTHER SURVEY SHOULD BE REQUESTED TO MARK BOUNDARIES AND/OR DIMENSION WALL TO BOUNDARY DISTANCES.

IF ANY STRUCTURE OR IMPROVEMENT IS TO BE CONSTRUCTED ON OR ADJACENT TO THE BOUNDARIES OF THIS LAND, THE RELEVANT BOUNDARIES MUST BE MARKED PRIOR TO CONSTRUCTION BY A REGISTERED SURVEYOR.

CONSTRUCTION WORKS MUST BE RELATED TO THE BENCHMARK AND NOT LEVELS OF STRUCTURES SHOWN ON THE PLAN.

NO SURVEY OBSERVATIONS HAVE BEEN MADE TO DETERMINE TRUE NORTH (ie FOR SHADOW DIAGRAMS)

DO NOT SCALE OFF HARD COPIES PRINTED FROM THIS CAD OR PDF FILE.

WARNING REGARDING SERVICES

ONLY THOSE SERVICE LOCATIONS WHICH HAVE BEEN IDENTIFIED BY ONE SEARCH LOCATORS ARE SHOWN HEREON. THE SERVICES WERE IDENTIFIED BY PAINT MARKS ON THE GROUND AND BY SURFACE EVIDENCE. THESE LINES ARE SAID TO BE INDICATIVE OF THE POSITION OF THE UNDERGROUND SERVICE BELOW.

THIS SURVEY HAS LOCATED UNDERGROUND SERVICES ONLY TO CLASS B STANDARD UNLESS OTHERWISE STATED. DEPTHS OF SERVICES HAVE BEEN OBTAINED BY ELECTRONIC MEANS ONLY.

NOTED PIPE SIZES & DUCTING CONFIGURATIONS HAVE BEEN DERIVED FROM "DIAL BEFORE YOU DIG" (DBYD).

ALL SERVICE DETAILS AND POSITIONS, INCLUDING DUCT SIZES & CONFIGURATIONS MUST BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITIES (INCLUDING THE DIAL BEFORE YOU DIG AGENCY) DURING DESIGN BY THE DESIGNERS AND PRIOR TO CONSTRUCTION OR EXCAVATION BY THE BUILDERS OR EXCAVATORS AND USERS OF THIS PLAN.

ROUTES OF EACH SERVICE LINE BETWEEN EACH SURVEYED LOCATION IS REPRESENTED HEREON AS BEING STRAIGHT, HOWEVER THE ROUTES ARE DIAGRAMMATIC AND APPROXIMATE ONLY AND ARE SUBJECT TO VALIDATION BY ACTUAL EXPOSURE OF THE SERVICE LINE

THIS SERVICES INVESTIGATION WAS CARRIED OUT BY ONE SEARCH LOCATORS USING AS A BASIS, INFORMATION SUPPLIED BY DBYD AND SERVICE SURFACE EVIDENCE (EG SERVICE LIDS ETC).

SOME COMPANIES WITH UNDERGROUND ASSETS DO NOT PARTICIPATE IN D.B.Y.D. THESE SERVICES HAVE NOT BEEN LOCATED BY THE SURVEY.

GEOSURV & ONE SEARCH LOCATORS DOES NOT WARRANT THAT ALL SERVICES HAVE BEEN IDENTIFIED AND OTHER UNDERGROUND SERVICES (IF ANY) MAY EXIST WITHIN THIS AREA. THESE SERVICES ARE SAID TO BE EITHER NOT LOCATABLE AT THIS TIME BY ELECTRONIC (UNOBTUSIVE) METHODS NOR VISIBLE ON SITE OR NOT REVEALED BY THE DBYD SEARCH. THESE SERVICES HAVE NOT BEEN LOCATED BY THIS SURVEY.

IT IS RECOMMENDED THAT THE USERS UNDERTAKE "POTHOLING" TO DIRECTLY CONFIRM LOCATIONS WHERE CONFLICT WITH CONSTRUCTION/DESIGN MAY OCCUR. DUE CAUTION SHOULD ALSO BE EXERCISED DURING ANY EXCAVATION ACTIVITY IN PLACES WHERE UTILITIES MAY REASONABLY BE EXPECTED TO OCCUR, WHETHER LOCATED OR NOT.

LOCATING QUALITY LEVEL DESCRIPTION

THIS 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 LEVEL A (QLA)

VISUALISATION/ CONFIRMATION OF A SERVICE, POSITION AND DEPTH, BY NONDESTRUCTIVE DIGGING (NDD) METHODS OR POINTS OF ENTRY TO PITS OR MANHOLES.

RECOMMENDED QUALITY LEVEL PRIOR TO CONSTRUCTION OR EXCAVATION.

QUALITY LEVEL B (QLB)

LOCATING OF SERVICES USING RADIO DETECTION METHODS OR GROUND PENETRATING RADAR. ACCEPTABLE RANGE OF ACCURACY FOR QUALITY LEVEL B IS 300MM FOR POSITION AND 500MM IN DEPTH

QUALITY LEVEL C (QLC)

SERVICES MARKED OUT USING ONLY SURFACE FEATURES IN THE FIELD. SUCH SURFACE FEATURES INCLUDE, HYDRANTS, GAS MARKERS, PITS ETC. NO INDICATION OF SERVICE LOCATION OR DEPTH CAN BE ATTAINED FROM QUALITY LEVEL C.

QUALITY LEVEL D (QLD)

SERVICES MARKED UP USING DBYD PLANS ONLY. OFFSETS ON PLANS CAN BE USED TO OBTAIN SUCH INDICATION OF SERVICES IN FIELD BUT NO INDICATION OF SERVICE CONFIRMATION CAN BE GIVEN.

ONE SEARCH LOCATORS DISCLAIMER

THIS PLAN INCLUDES INFORMATION DESCRIBING THE LOCATION OF SUBTERRANEAN FEATURES, WHICH WERE PURPORTED TO EXIST AT THE TIME OF THE 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 PLAN OF SURVEY, ONE SEARCH LOCATORS CANNOT GUARANTEE THAT THE PLAN IS WITHOUT FLAW OF ANY KIND. THEREFORE, ONE SEARCH LOCATORS EXPRESSLY DISCLAIMS ALL LIABILITY FOR ERRORS OR OMISSIONS OF ANY KIND WHATSOEVER OR FROM ANY LOSS, DAMAGE OR OTHER CONSEQUENCES, WHICH MAY ARISE FROM ANY PERSON RELYING ON ANYTHING, 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 THIS PLAN BY DEPLOYING VACUUM EXCAVATION TECHNIQUES.

SURVEY COMPLETION NOTES

THIS PLAN HAS BEEN DERIVED FROM A COMPILATION OF SURVEYS COMPLETED BY:

- 2020 - 200224-DT-0001 BY GEOSURV PTY LTD
- 2016 - REFERENCE 160208 ISSUE 2 16.05.18 BY LINKER SURVEYING
- 2018 - REFERENCE 200356 ISSUE 1 7.06.18 BY VERIS AUSTRALIA PTY LTD
- 2018 - REFERENCE 210914-WAE01 ISSUE A 21.09.2018 BY LANDTEAM AUSTRALIA PTY LTD

GEOSURV TAKES AND ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION CONTAINED IN THE SURVEYS NOT COMPLETED BY GEOSURV PTY LTD AND SHOWN ON THIS PLAN

LEGEND

	WATER METER		ELECTRICITY PIT		TREE	
	STOP VALVE		LIGHT POLE			
	WATER HYDRANT		DRAINAGE KERB INLET			
	FIRE HYDRANT		TELSTRA PIT			
	GAS MARKER		LARGE SIGN		BUILDING STRUCTURE	
	SEWER VENT POINT		SIGN		FENCE	
	SEWER MANHOLE		SURVEYED LEVEL			
	UNIDENTIFIED PIT					

	S	SEWER		S (DBYD)	(QL-D) SEWER
	C	COMMUNICATIONS		C (DBYD)	(QL-D) COMMUNICATIONS
	E	ELECTRICITY		E (DBYD)	(QL-D) ELECTRICITY
	W	WATER		W (DBYD)	(QL-D) WATER
	G	GAS		G (DBYD)	(QL-D) GAS
	D	STORMWATER		D (DBYD)	(QL-D) STORMWATER

DEVELOPMENT APPLICATION

480/2020

Randwick City Council
17 September 2020
Records Received

SHEET LAYOUT

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

SHEET 8

SHEET 9

SHEET 10

N
M.G.A.

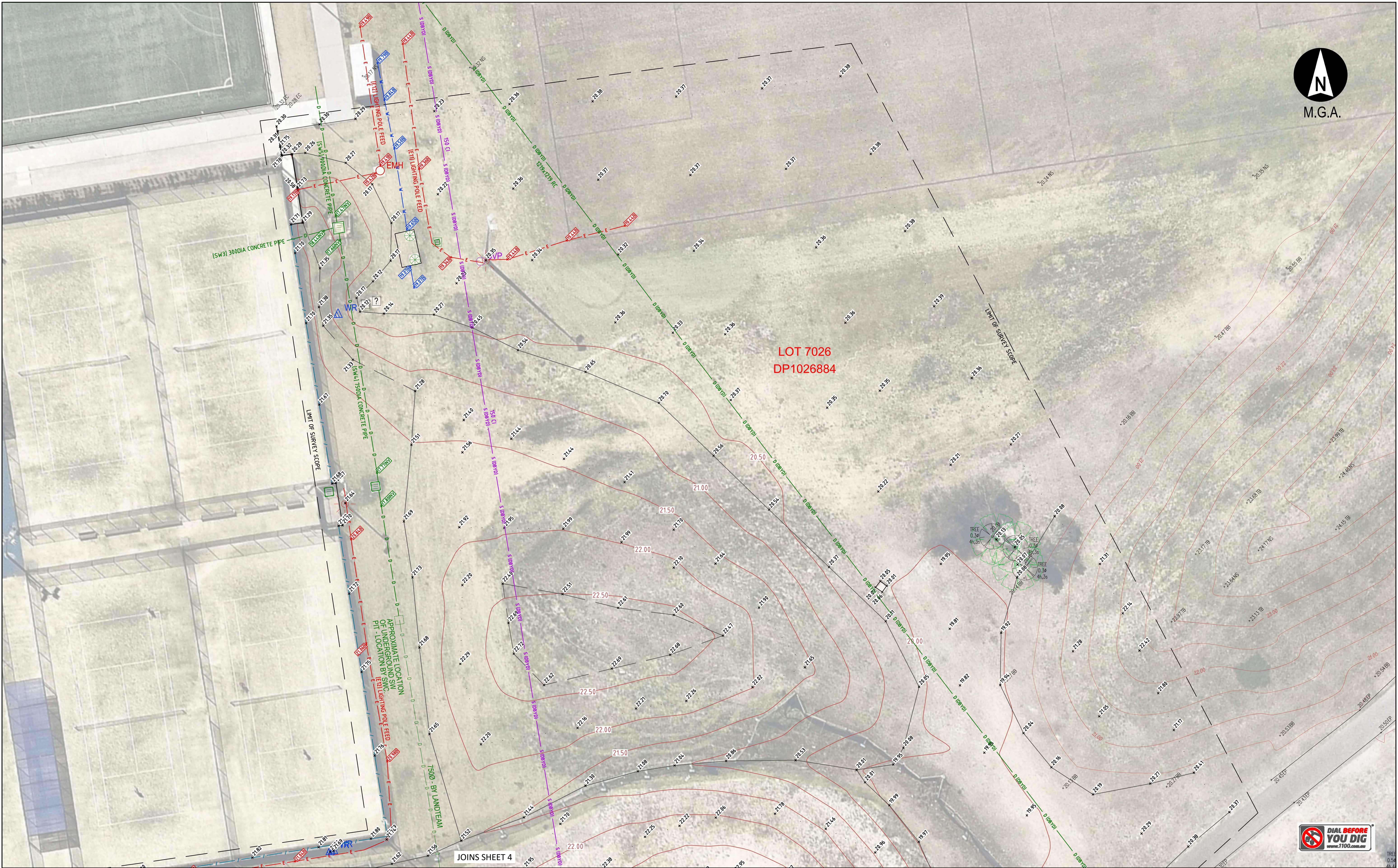


**THIS PLAN MUST BE READ IN CONJUNCTION WITH
ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20**

[illegible]

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/2020
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN		DATE
PM29579-PM29577	LMB	3/03/20

TITLE	Compilation of Topographic Detail Surveys and Utility Surveys 						
	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222						
PROJECT							
PLAN No.	JOB No.	TYPE	REF No.	REV	SHEET	SIZE	SCALE
	200224	- DT	- 0001	A	1 of 10	A1	1:1500



NOTES
THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GENERAL AND WARNING NOTES ON SHEET 1
THIS PLAN MUST BE READ IN CONJUNCTION WITH ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20

PROJECT
Heffron Park Showcase Field

CONSULTANT


CLIENT


REV	DATE	REVISION DETAILS	BY	APP
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN	APPROVED	DATE
PM29579-PM29577	LMB	3/03/20

TITLE	Compilation of Topographic Detail Surveys and Utility Surveys
PROJECT	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222
PLAN No.	JOB No. 200224 - DT - 0001
REV	TH
SHEET	2 of 10
SIZE	A1
SCALE	1:200



NOTES
THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GENERAL AND WARNING NOTES ON SHEET 1
THIS PLAN MUST BE READ IN CONJUNCTION WITH ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20

PROJECT
Heffron Park Showcase Field

CONSULTANT


CLIENT


REV	DATE	REVISION DETAILS	BY	LMB
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN		DATE
PM29579-PM29577	1 MB	3/03/20

TITLE	Compilation of Topographic Detail Surveys and Utility Surveys
PROJECT	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222
PLAN No.	JOB No. 200224 - DT - 0001
REV	A
SHEET	3 of 10
SIZE	A1
SCALE	1:200



NOTES
THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GENERAL AND WARNING NOTES ON SHEET 1
THIS PLAN MUST BE READ IN CONJUNCTION WITH ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20

PROJECT
Heffron Park Showcase Field

CONSULTANT


CLIENT


REV	DATE	REVISION DETAILS	BY	LMB
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN	DATE	
PM29579-PM29577	LMB	3/03/20

TITLE	Compilation of Topographic Detail Surveys and Utility Surveys
PROJECT	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222
PLAN No.	JOB No. 200224 - DT - 0001
REF No.	0001
REV	A
SHEET	6 of 10
SIZE	A1
SCALE	1:200





One solution from design to delivery

1300 554 675
info@geosurv.com.au
www.geosurv.com.au

NOTES
THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GENERAL AND WARNING NOTES ON SHEET 1
THIS PLAN MUST BE READ IN CONJUNCTION WITH ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20

PROJECT
Heffron Park Showcase Field

CONSULTANT


CLIENT


REV	DATE	REVISION DETAILS	BY	LMB
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20

DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20

CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20

CO-ORD ORIGIN	DATE	
PM29579-PM29577	LMB	3/03/20

TITLE
Compilation of Topographic Detail Surveys and Utility Surveys

PROJECT
Part of Heffron Park Bunnerong Road, Maroubra NSW 2222

PLAN No.	JOB No.	TYPE	REF No.	REV	SHEET	SIZE	SCALE
200224	-	DT	-	0001	A	7 of 10	1:200





REV	DATE	REVISION DETAILS	BY	
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN	DATE	
PM29579-PM29577	LMB	3/03/20

TITLE	Compilation of Topographic Detail Surveys and Utility Surveys						
PROJECT	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222						
PLAN No.	JOB No.	TYPE	REF No.	REV	SHEET	SIZE	SCALE
	200224	- DT -	0001	A	8 of 10	A1	1:200





Land & Construction Surveyors

1300 554 675
info@geosurv.com.au
www.geosurv.com.au

One solution from design to delivery

NOTES

THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GENERAL AND WARNING NOTES ON SHEET 1

THIS PLAN MUST BE READ IN CONJUNCTION WITH ONE SEARCH LOCATORS UTILITY REPORT DATED 14.02.20

PROJECT

Heffron Park Showcase Field

CONSULTANT



CLIENT



REV	DATE	REVISION DETAILS	BY	
A	3.03.20	INITIAL ISSUE	LMB	LMB

HEIGHT DATUM	SURVEYED	DATE
AHD	TH ZH	24/02/20
DATUM ORIGIN	DRAWN	DATE
SSM29579 RL20.791	LMB	2/03/20
CO-ORDINATES	CHECKED	DATE
MGA GDA94-56	MN	3/03/20
CO-ORD ORIGIN	DATE	
PM29579-PM29577	LMB	3/03/20

TITLE	PROJECT	PLAN No.	JOB No.	TYPE	REF No.	REV	SHEET	SIZE	SCALE
Compilation of Topographic Detail Surveys and Utility Surveys	Part of Heffron Park Bunnerong Road, Maroubra NSW 2222		200224	- DT -	0001	A	9 of 10	A1	1:200

