CONCEPT WATER AND SEWER DESIGN

PROJECT:

1:4 RECONFIGURATION OF A LOT

AT:

33 DUNSHEA AVE, TEA GARDENS NSW 2324

Lot(s): 1 DP1119743

PROJECT No:

2024051WS

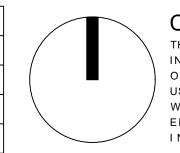
Sheet List Table		
Sheet Number	Sheet Title	
C00	LOCALITY MAP & SCHEDULE OF DRAWINGS	
C01	GENERAL NOTES	
C02	LEGENDS	
C03	OVERALL EXISTING LAYOUT	
C04	OVERALL EXISTING LAYOUT (AERIAL)	
C05	ENLARGED EXISTING LAYOUT	
C06	ENLARGED EXISTING LAYOUT (AERIAL)	
C07	OVERALL PROPOSED LAYOUT	
C08	OVERALL PROPOSED LAYOUT (AERIAL)	
C09	WATER AND SEWER SERVICING PLAN	



LOCALITY MAP

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE



COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED IN THE DOCUMENT ARE THE COPYRIGHT OF SAMANA BLUE ENGINEERING PTY LTD USE OR COPYING OF THE WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT

SAMANA BL NSW + QLD PO BOX 604, MOFFAT BE 3/55 PYRMONT BRIDGE M. +61 488 042 994 E. info@samanablue.com

SAMANA BLUE ENGINEERING
NSW + QLD

PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994 LOCALITY MAP & SCHEDULE OF DRAWINGS

LB

DWG SIZE:

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C00 B

DA / CONCEPT CIVIL ENGINEERING GENERAL NOTES

1. THESE NOTES ARE VERY IMPORTANT.

- 2. IF IN DOUBT ASK
- 3. THESE DRAWINGS ARE CONCEPTUAL ONLY AND HAVE BEEN PROVIDED FOR COUNCIL ASSESSMENT ONLY
- 4. THESE DRAWINGS (INCLUDING DETAILS) ARE NOT INTENDED TO BE USED FOR CONSTRUCTION PURPOSES.
- 5. DETAILS PROVIDED ARE SUBJECT TO CHANGES AT THE DETAILED DESIGN STAGE AND MAY CHANGE DEPENDING ON COUNCIL DA CONDITIONS, OR OTHER AUTHORITY REQUIREMENTS.
- 6. THESE DRAWINGS ARE NOT INTENDED TO BE SUBMITTED TO COUNCIL OR OTHER AUTHORITIES FOR DETAILED DESIGN ASSESSMENT (E.G. CONSTRUCTION CERTIFICATE, OPERATIONAL WORKS, ETC.)
- 7. EXISTING DETAILS HAVE BEEN SHOWN AS PROVIDED BY SURVEY / DBYD DATA OBTAINED AT THE COMMENCEMENT OF THE PROJECT. SBE MAY HAVE AUGMENTED SUCH DATA FOR FURTHER CLARITY BY ADDING NOTES, EXPLANATORY LEADERS, OR MINOR LINEWORK BASED ON OUR SITE INSPECTIONS OR REVIEW OF SITE PHOTOS.
- 8. ALL LEVELS ARE TO A.H.D

	SCHEDULE OF REVISION CHANGES			
REV	DATE	BY	DESCRIPTION	CHANGES
Α	25.10.2024	LB	ISSUED FOR REVIEW	ORIGINAL DOCUMENT
В	06.11.2024	LB	LOT 103 BUILDING ENVELOPE	LOT 103 BUILDING ENVELOPE

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE

COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED IN THE DOCUMENT ARE THE COPYRIGHT OF SAMANA BLUE ENGINEERING PTY LTD USE OR COPYING OF THE WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

GENERAL NOTES

LB

DWG SIZE:

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C01 B

GENERAL

70.0	EXISTING WASON CONTOONS
— — ·15.6— — —	EXISTING MINOR CONTOURS
//	EXISTING FENCE
	EXISTING KERB & GUTTER
	EXISTING BUILDING
	EXISTING SEWER
— <i>T</i> —— <i>T</i> ———	EXISTING TELECOM
-ww	EXISTING WATER
$\square \ \ \ \ \ \ \ \ \ \ \ \ $	EXISTING WATER METER
A	EXISTING SURVEY BENCHMARK
	EXISTING TELSTRA PIT
□Hyd	EXISTING FIRE HYDRANT
	EXISTING TREES
_x 16.6	EXISTING SPOT LEVEL
©	EXISTING SEWER INSPECTION PIT (SIP)
	EXISTING ELECTRICITY LID
	EXISTING BATTER
	EXISTING EDGE OF TRACK / DRIVEWAY
SD	EXISTING SANITARY DRAINAGE LINE
	EXISTING SANITARY DRAINAGE LINE
_sss-	PROPOSED SEWER
_www	PROPOSED WATER
———SD———	PROPOSED SANITARY DRAINAGE LINE
\odot	PROPOSED MANHOLE (MH)
\bowtie_{SV}	PROPOSED STOP VALVE

ABBREVIATIONS & ACRONYMS

SBE	SAMANA BLUE ENGINEERING PTY LTD
KI	KERB INVERT LEVEL
KT	KERB TOP LEVEL
КВ	KERB BACK LEVEL
KL	KERB LIP LEVEL
FL	FINISHED LEVEL
RL	RELATIVE LEVEL
EL	EXISTING LEVEL
IL	INVERT LEVEL
OL	OBVERT LEVEL
GL	GRATE LEVEL
FFL	FINISHED FLOOR LEVEL
BEL	BULK EARTHWORKS LEVEL
TW	TOP OF WALL
BW	BOTTOM OF WALL
BDY	BOUNDARY
UNO	UNLESS NOTED OTHERWISE
NTS	NOT TO SCALE
TBC	TO BE CONFIRMED
TYP	TYPICAL
DBYD	DIAL BEFORE YOU DIG
OP	OCEAN PROTECT
DP	DOWNPIPE
RWO	RAINWATER OUTLET
RWT	RAINWATER TANK
OSD	ON-SITE DETENTION
WSUD	WATER SENSITIVE URBAN DESIGN
AEP	ANNUAL EXCEEDANCE PROBABILITY
ARI	AVERAGE RECURRENCE INTERVAL
KIP	KERB INLET PIT
K&G	KERB AND GUTTER

CIVIL ENGINEERING

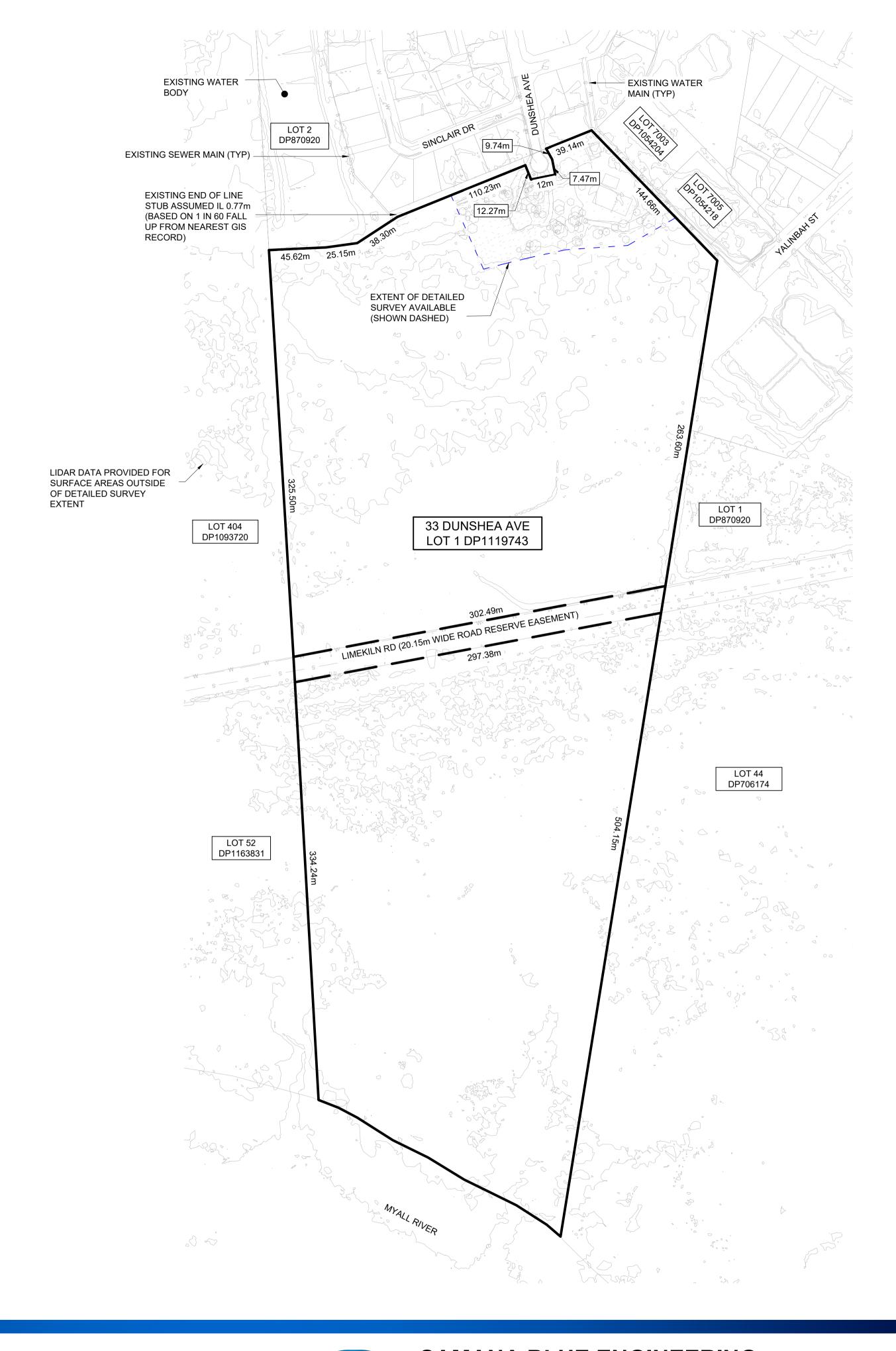
В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
А	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE

COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED IN THE DOCUMENT ARE THE COPYRIGHT OF SAMANA BLUE ENGINEERING PTY LTD USE OR COPYING OF THE WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING NSW + QLD

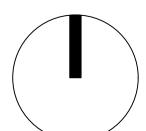


NOTES:

- 1. SURVEY DATA TAKEN FROM COOKSON LAND SURVEYORS, PLAN REF
- 24002, DATED 26/06/2024, FILENAME: 24002_DET_B 2. SURVEY DATA SHOWN IS BASED ON ELVIS SPATIAL ACCESSED ON 4
- AUGUST 2024. 3. SOME EXISTING SERVICES ARE BASED ON RECORDS ONLY AND EXACT
- LOCATIONS SHOULD BE CONFIRMED BY THE CONTRACTOR ON SITE. 4. ADJACENT PROPERTY BOUNDARIES ARE FROM CADASTRAL DATA TAKEN
- FROM QSPATIAL.
- 5. SOME LABELS HAVE BEEN EDITED AND ADDED BY SBE FOR CLARITY. 6. AERIAL SOURCED FROM SIX MAPS, ACCESSED 4 AUGUST 2024

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE



COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED
IN THE DOCUMENT ARE THE COPYRIGHT
OF SAMANA BLUE ENGINEERING PTY LTD
USE OR COPYING OF THE WHOLE OR IN PART
WITHOUT WRITTEN PERMISSION OF SAMANA BLUE
ENGINEERING PTY LTD CONSTITUTES AN
INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

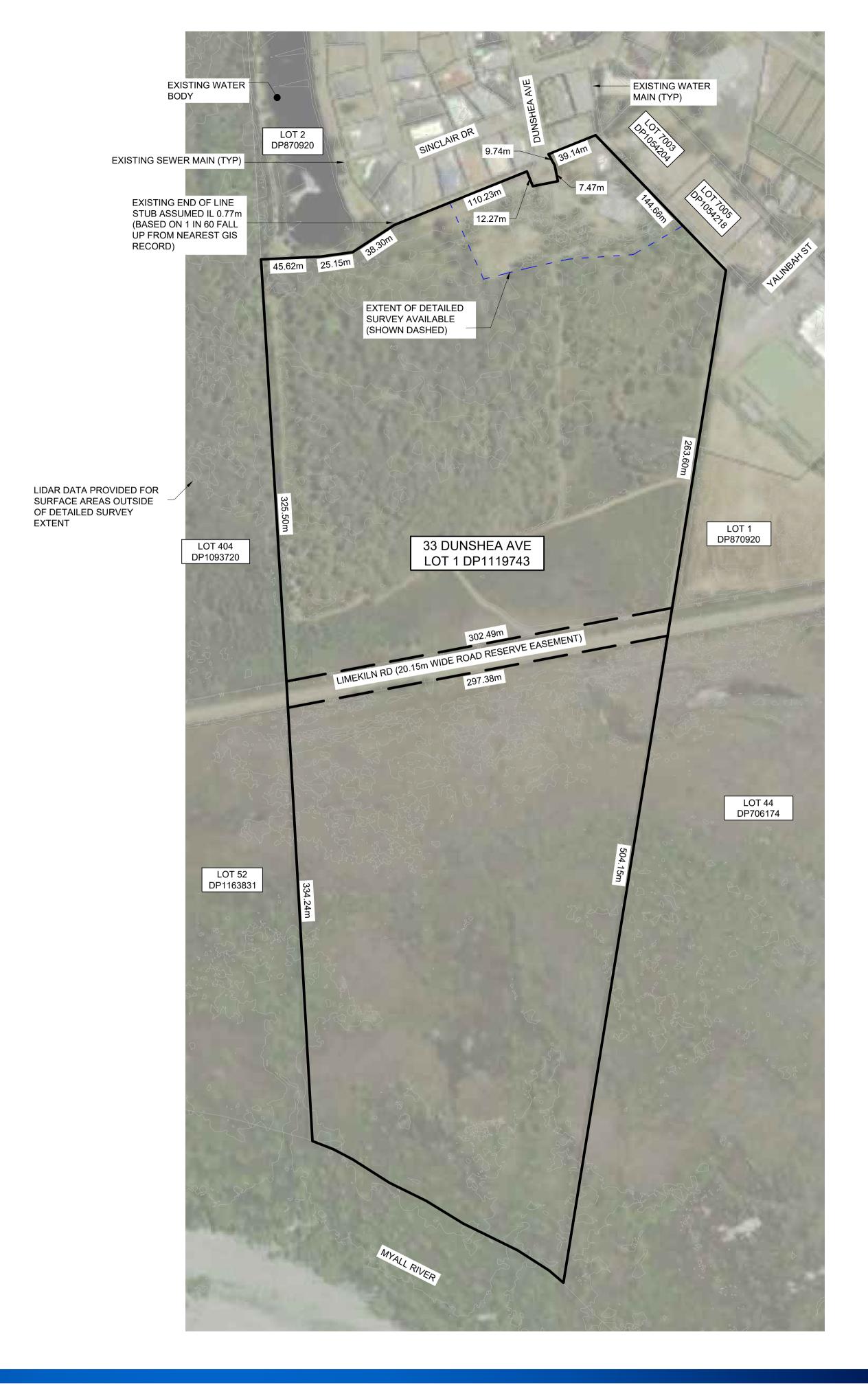
OVERALL EXISTING LAYOUT

LB

DWG SIZE:

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C03 B

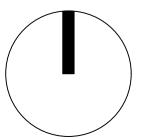


NOTES:

- 1. SURVEY DATA TAKEN FROM COOKSON LAND SURVEYORS, PLAN REF
- 24002, DATED 26/06/2024, FILENAME: 24002_DET_B
 2. SURVEY DATA SHOWN IS BASED ON ELVIS SPATIAL ACCESSED ON 4
- 3. SOME EXISTING SERVICES ARE BASED ON RECORDS ONLY AND EXACT LOCATIONS SHOULD BE CONFIRMED BY THE CONTRACTOR ON SITE.
- 4. ADJACENT PROPERTY BOUNDARIES ARE FROM CADASTRAL DATA TAKEN
- FROM QSPATIAL.
- 5. SOME LABELS HAVE BEEN EDITED AND ADDED BY SBE FOR CLARITY. 6. AERIAL SOURCED FROM SIX MAPS, ACCESSED 4 AUGUST 2024

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE



COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED
IN THE DOCUMENT ARE THE COPYRIGHT
OF SAMANA BLUE ENGINEERING PTY LTD
USE OR COPYING OF THE WHOLE OR IN PART
WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

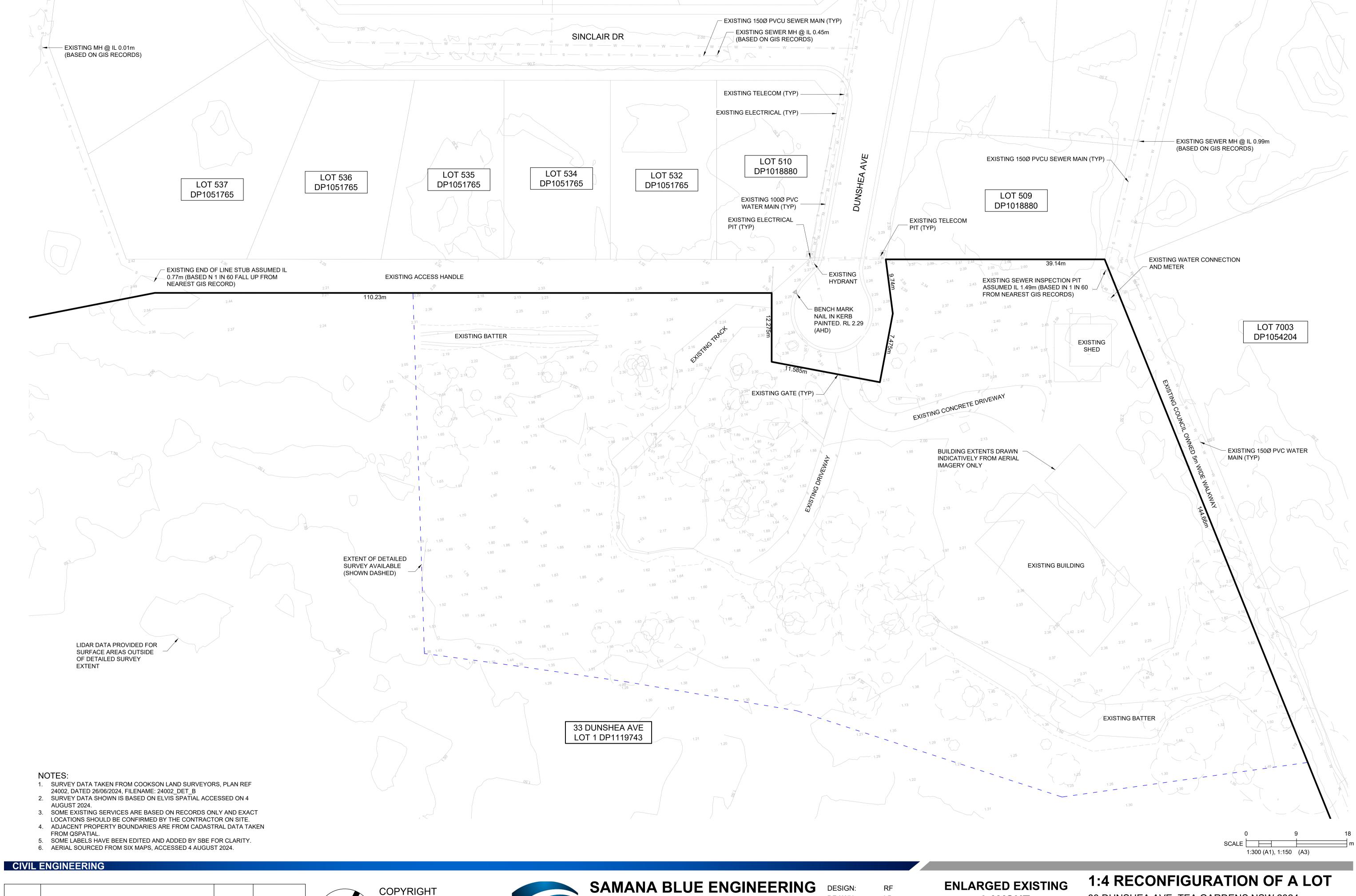
LB

DWG SIZE:

OVERALL EXISTING LAYOUT (AERIAL)

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C04 B



В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE

THE CONCEPTS AND INFORMATION CONTAINED IN THE DOCUMENT ARE THE COPYRIGHT OF SAMANA BLUE ENGINEERING PTY LTD USE OR COPYING OF THE WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT



NSW + QLD DWG SIZE:

PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

LAYOUT

33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C05 B



CIVIL ENGINEERING

LOT 103 BUILDING ENVELOPE 06.11.2024 25.10.2024 ISSUED FOR REVIEW DATE REV DESCRIPTION

COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED IN THE DOCUMENT ARE THE COPYRIGHT OF SAMANA BLUE ENGINEERING PTY LTD USE OR COPYING OF THE WHOLE OR IN PART WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT

Samana Blue

M. +61 488 042 994

E. info@samanablue.com

SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

ENLARGED EXISTING LAYOUT (AERIAL)

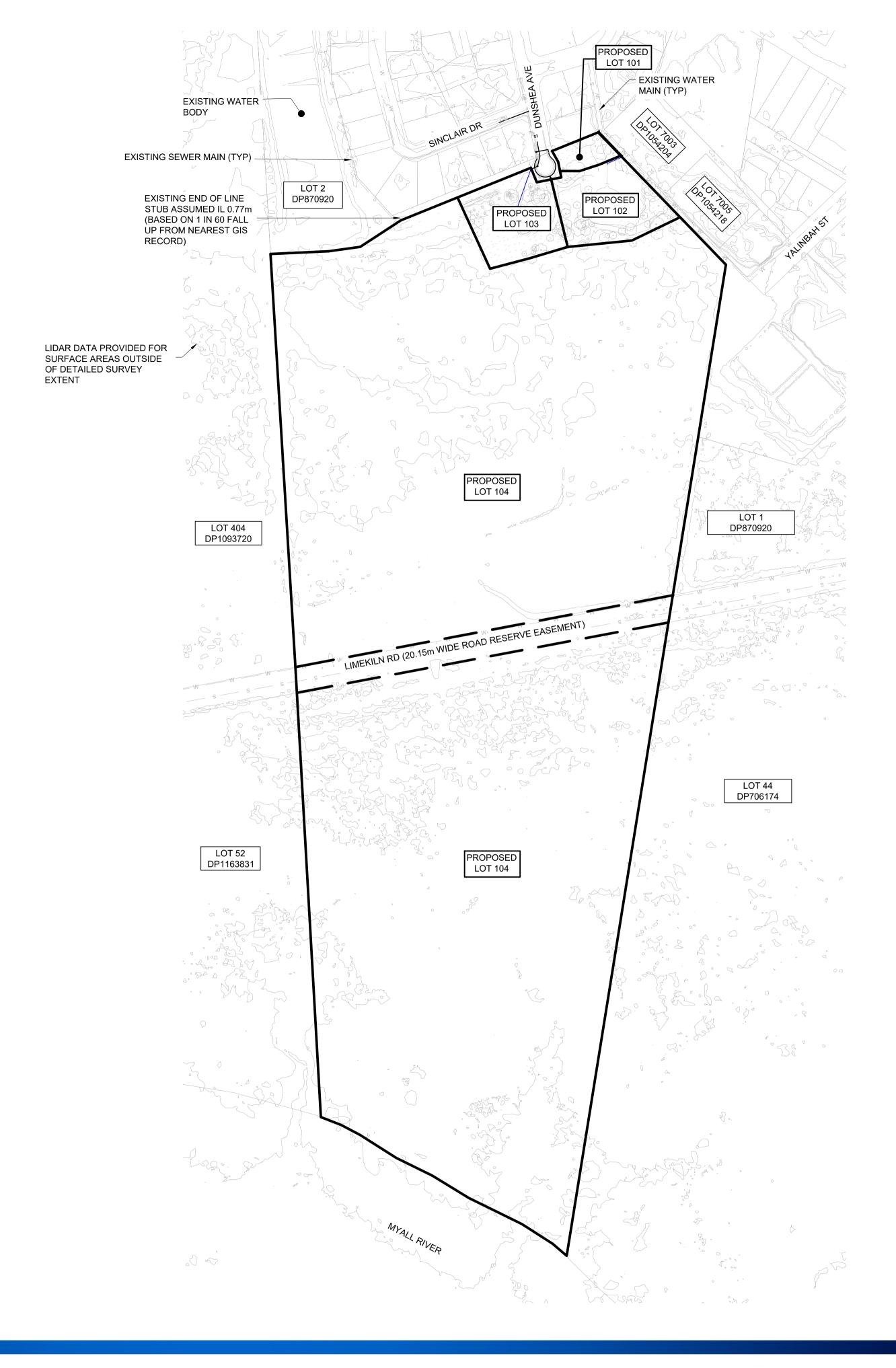
LB

DWG SIZE:

1:4 RECONFIGURATION OF A LOT

2024051WS - C06 B

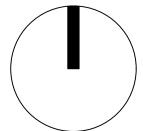
33 DUNSHEA AVE, TEA GARDENS NSW 2324



- NOTES: 1. SURVEY DATA TAKEN FROM COOKSON LAND SURVEYORS, PLAN REF
- 24002, DATED 26/06/2024, FILENAME: 24002_DET_B 2. SURVEY DATA SHOWN IS BASED ON ELVIS SPATIAL ACCESSED ON 4
- AUGUST 2024. 3. SOME EXISTING SERVICES ARE BASED ON RECORDS ONLY AND EXACT
- LOCATIONS SHOULD BE CONFIRMED BY THE CONTRACTOR ON SITE. 4. ADJACENT PROPERTY BOUNDARIES ARE FROM CADASTRAL DATA TAKEN
- FROM QSPATIAL. 5. SOME LABELS HAVE BEEN EDITED AND ADDED BY SBE FOR CLARITY.
- 6. AERIAL SOURCED FROM SIX MAPS, ACCESSED ON 4 AUGUST 2024

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE



COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED
IN THE DOCUMENT ARE THE COPYRIGHT
OF SAMANA BLUE ENGINEERING PTY LTD
USE OR COPYING OF THE WHOLE OR IN PART
WITHOUT WRITTEN PERMISSION OF SAMANA BLUE
ENGINEERING PTY LTD CONSTITUTES AN
INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

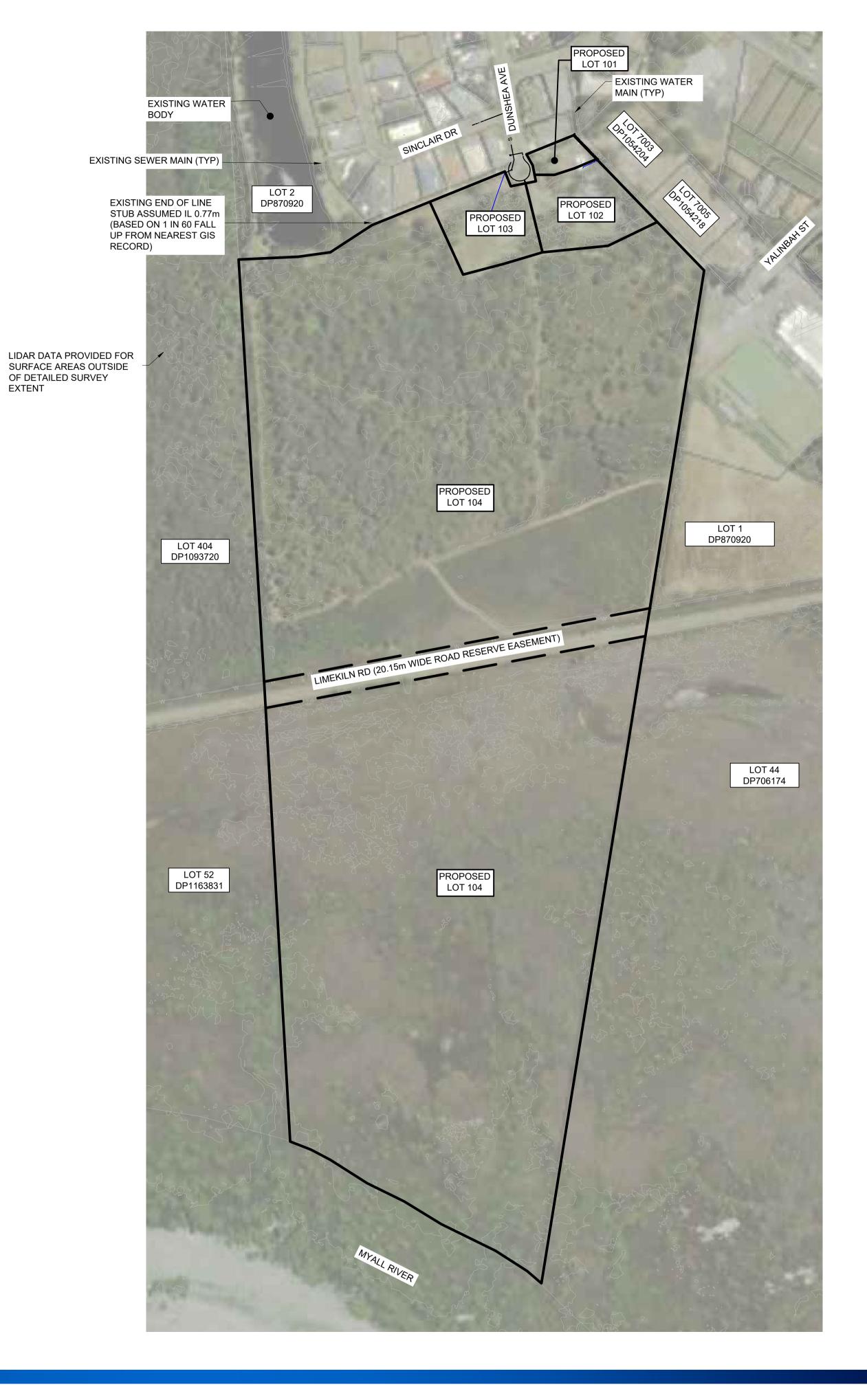
LB

DWG SIZE:

OVERALL PROPOSED LAYOUT

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C07 B

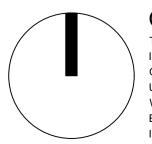


NOTES:

- 1. SURVEY DATA TAKEN FROM COOKSON LAND SURVEYORS, PLAN REF
- 24002, DATED 26/06/2024, FILENAME: 24002_DET_B
 2. SURVEY DATA SHOWN IS BASED ON ELVIS SPATIAL ACCESSED ON 4
- 3. SOME EXISTING SERVICES ARE BASED ON RECORDS ONLY AND EXACT
- LOCATIONS SHOULD BE CONFIRMED BY THE CONTRACTOR ON SITE. 4. ADJACENT PROPERTY BOUNDARIES ARE FROM CADASTRAL DATA TAKEN
- FROM QSPATIAL.
- 5. SOME LABELS HAVE BEEN EDITED AND ADDED BY SBE FOR CLARITY. 6. AERIAL SOURCED FROM SIX MAPS, ACCESSED ON 4 AUGUST 2024

CIVIL ENGINEERING

В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE



COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED
IN THE DOCUMENT ARE THE COPYRIGHT
OF SAMANA BLUE ENGINEERING PTY LTD
USE OR COPYING OF THE WHOLE OR IN PART
WITHOUT WRITTEN PERMISSION OF SAMANA BLUE ENGINEERING PTY LTD CONSTITUTES AN INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009

M. +61 488 042 994 Samana Blue

M. +61 488 042 994

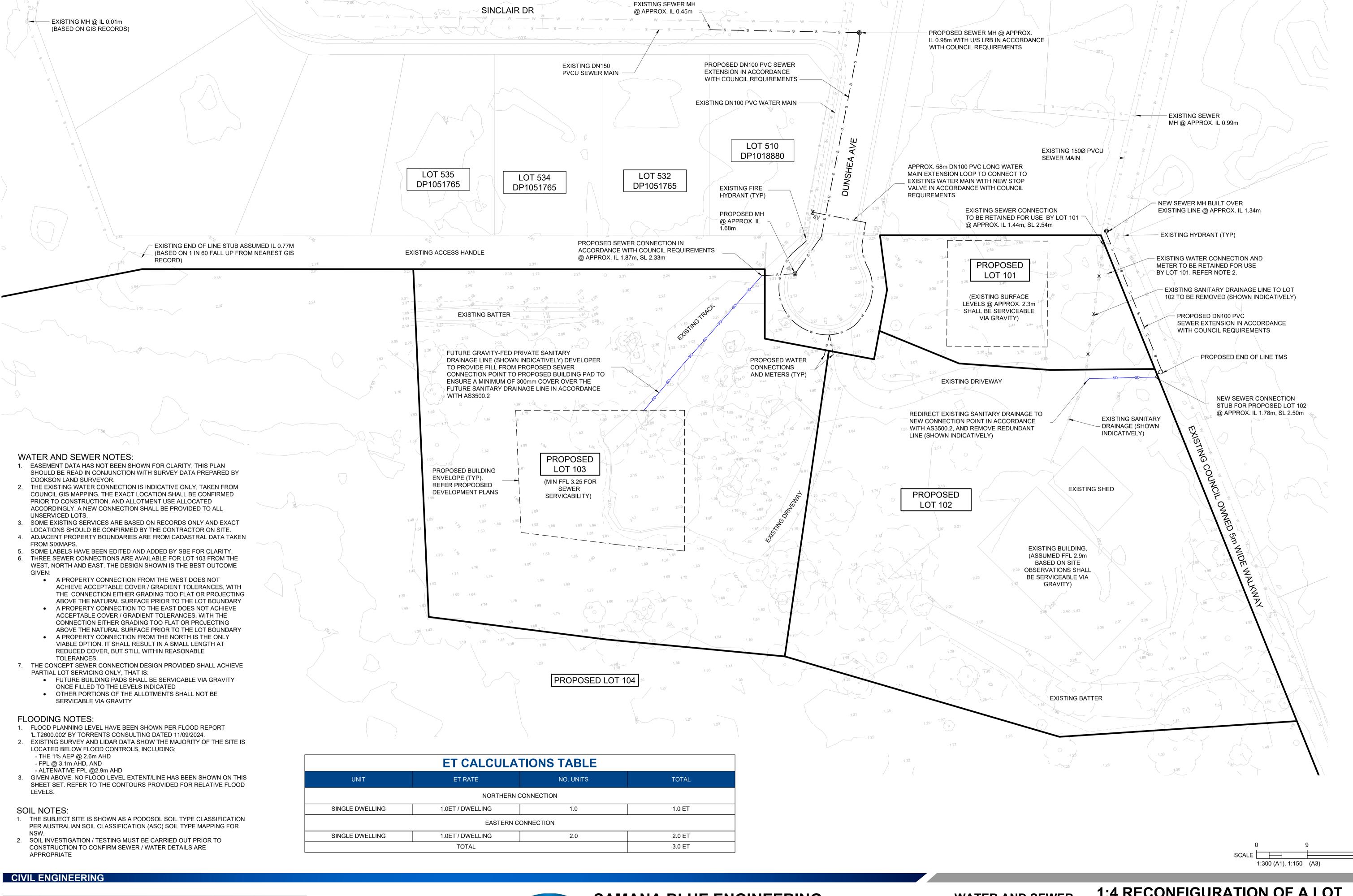
E. info@samanablue.com **OVERALL PROPOSED** LAYOUT (AERIAL)

LB

DWG SIZE:

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C08 B



В	LOT 103 BUILDING ENVELOPE	LB	06.11.2024
Α	ISSUED FOR REVIEW	LB	25.10.2024
REV	DESCRIPTION	BY	DATE

COPYRIGHT

THE CONCEPTS AND INFORMATION CONTAINED
IN THE DOCUMENT ARE THE COPYRIGHT
OF SAMANA BLUE ENGINEERING PTY LTD
USE OR COPYING OF THE WHOLE OR IN PART
WITHOUT WRITTEN PERMISSION OF SAMANA BLUE
ENGINEERING PTY LTD CONSTITUTES AN
INFRINGEMENT OF COPYRIGHT



SAMANA BLUE ENGINEERING

NSW + QLD PO BOX 604, MOFFAT BEACH QLD 4551 3/55 PYRMONT BRIDGE RD, PYRMONT NSW 2009 M. +61 488 042 994

WATER AND SEWER SERVICING PLAN

LB

Α1

DWG SIZE:

1:4 RECONFIGURATION OF A LOT 33 DUNSHEA AVE, TEA GARDENS NSW 2324

2024051WS - C09 B