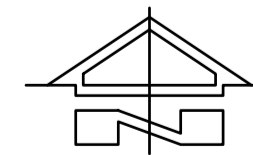


LIGHT INDUSTRIAL DEVELOPMENT LOT 1 DP525017, LOT 1 DP538227 20 SYDNEY ROAD, MUDGEES CIVIL DRAWINGS - STAGE 1

DRAWINGS LIST

- C1.00 COVER SHEET
- C1.01 GENERAL NOTES

- C4.00 STORMWATER MANAGEMENT PLAN



LOCATION PLAN
N.T.S.

ISSUED FOR APPROVAL	08.02.2024	A	J.D.
AMENDMENTS	DATE	ISSUE	BY

NOT FOR CONSTRUCTION

ARCHITECT

CLIENT
SYDNEY ROAD (MUDGEES) PTY LTD
PROJECT
INDUSTRIAL DEVELOPMENT
20 SYDNEY ROAD
MUDGEES NSW 2850

DESIGNED
JO.M.
DRAWN
JO.M.
DATE
JAN 24
SIZE
A1
CAD REF
TX15883.01 - C01

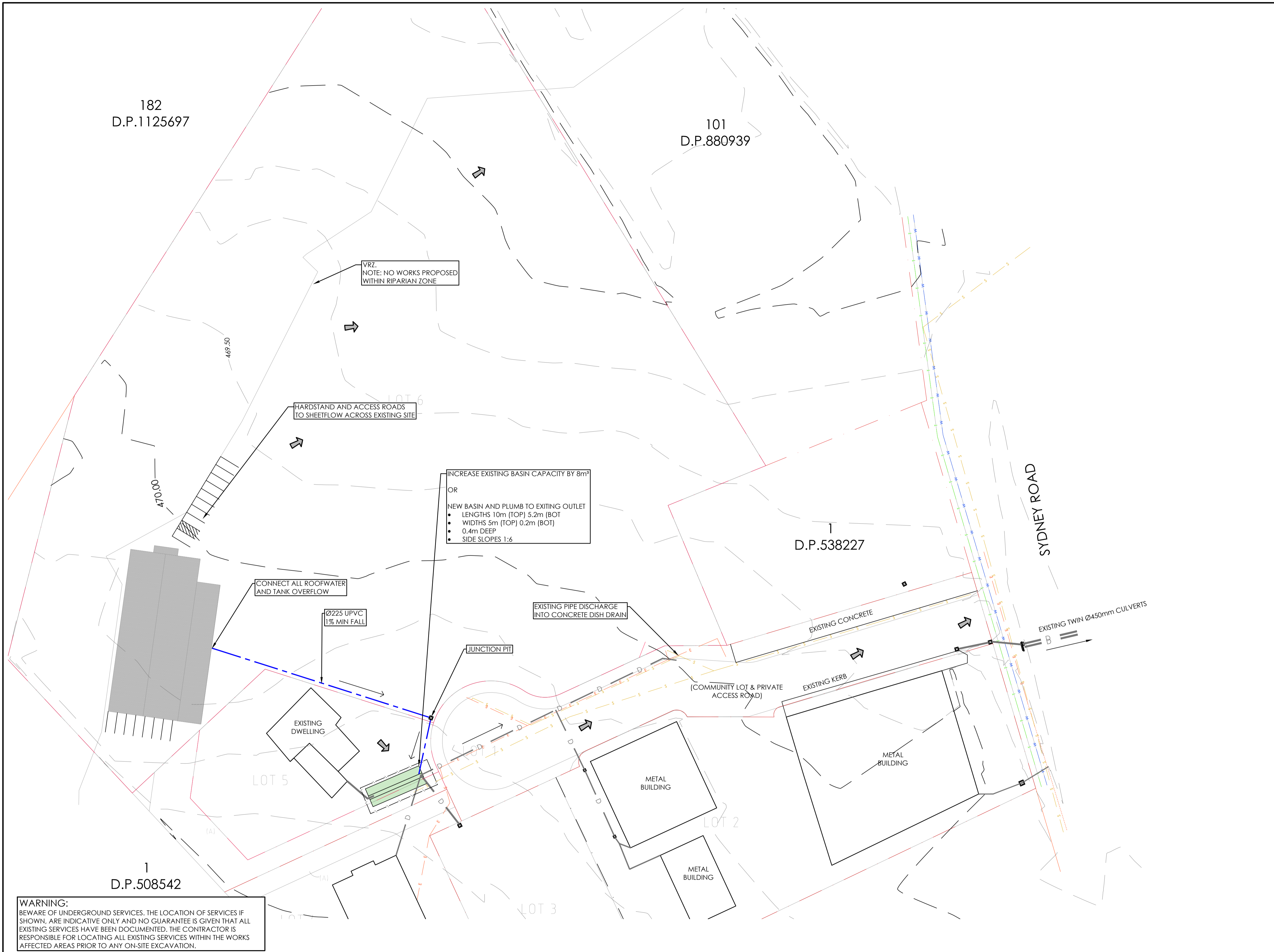


**TRIAXIAL
CONSULTING**
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
1/28 MARKET STREET, MUDGEES NSW 2850
PO BOX 1075, MUDGEES NSW 2850
TO BE PRINTED IN COLOUR

DRAWING TITLE
COVER SHEET

PROJECT No. TX15883.01 - C1.00
DRAWING No. A
ISSUE



LEGEND - STORMWATER

SYMBOL	DESCRIPTION
	EXISTING SPOT LEVEL
	EXISTING CONTOUR LEVEL
	DESIGN CONTOUR MAJOR (Xm)
	DESIGN CONTOUR MINOR (Xm)
	EXISTING STORMWATER LINE
	EXISTING PIT
	NEW STORMWATER LINE @ 1.0% MIN. FALL U.N.O.
	OPEN DRAINAGE CHANNEL (MIN. FALL 1:200 U.N.O.)
	GRATED INLET PIT (GIP) (U.N.O.)
	JUNCTION PIT (JP) (U.N.O.)
	CONCRETE HEADWALL
	OVERLAND FLOW PATH

STORMWATER DESIGN NOTES

MODELING UNDERTAKEN IN DRAINS

HYDROLOGICAL MODEL USED = INITIAL LOSS CONTINUING LOSS WITH FOLLOWING PARAMETERS:

INITIAL LOSS : 10mm
CONTINUING LOSS: 2.8mm/hr

MEDIAN PRE-BURST RAINFALL DEPTHS AND PROBABILITY NEUTRAL BURST INITIAL LOSSES WERE IMPORTED FROM THE ARR DATA HUB FOR THE MUDGEE AREA

CATCHMENTS

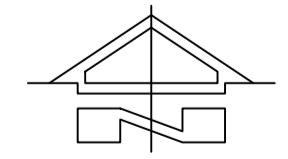
ROOF	= 990m²	(100% IMPERVIOUS)
REMAINING SITE	= 23350m²	(5% IMPERVIOUS, 95% PERVIOUS)

PIPE SIZES DETERMINED FROM 10% AEP EVENT (10YR ARI APPROX).

WARNING:
BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF SERVICES IF SHOWN, ARE INDICATIVE ONLY AND NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES HAVE BEEN DOCUMENTED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE WORKS AFFECTED AREAS PRIOR TO ANY ON-SITE EXCAVATION.

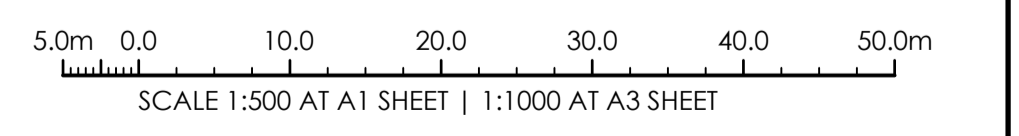
SERVICES NOTE:

- EXISTING SERVICES SHOWN ARE BASED ON SURVEY DATA RECEIVED BY THIS OFFICE.
- ALL EXISTING SERVICES ARE SHOWN DIAGRAMMATIC ONLY. ALL SERVICES ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.



STORMWATER MANAGEMENT PLAN

SCALE 1:500 AT A1



ARCHITECT

AMENDMENTS	DATE	ISSUE	BY
	08.02.2024	A	J.D.

CLIENT
SYDNEY ROAD (MUDGEE) PTY LTD

PROJECT
INDUSTRIAL DEVELOPMENT
20 SYDNEY ROAD
MUDGEE NSW 2850



TRIAXIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
1/28 MARKET STREET, MUDGEE NSW 2850
PO BOX 1075, MUDGEE NSW 2850

DRAWING TITLE
STORMWATER MANAGEMENT PLAN

PROJECT No. **TX15883.01 - C4.00** DRAWING No. **A** ISSUE

NOT FOR CONSTRUCTION

TO BE PRINTED IN COLOUR