



LEGEND

- SITE BOUNDARY
- PROPOSED SEWER MAIN
- SEWER CATCHMENT BOUNDARY
- LOT SERVICE ARROW
- EXISTING CONTOURS
- DESIGN CONTOUR
- PROPOSED SEWER RETICULATION
- PROPOSED SEWER RISING MAIN
- EXISTING RISING MAIN
- EXISTING WATER MAIN

EP CALCULATIONS NOTES

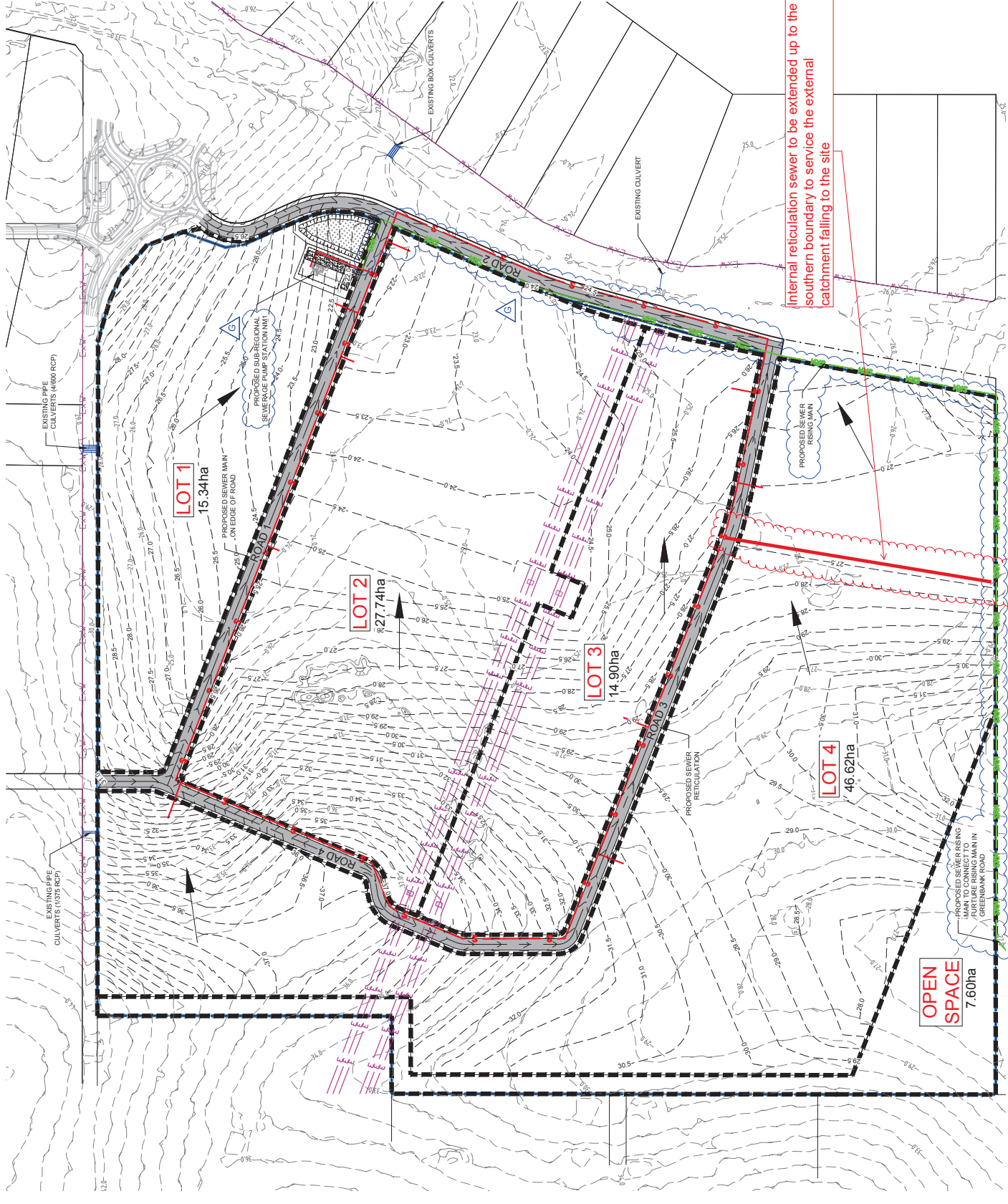
1. ASSUMED DESIGN FLOW = 0.04 L/S PER 100M² OF GENERAL RESIDENTIAL DEVELOPMENT
2. DEMAND BY LAND USE CALCULATION = 0.04 L/S DEMAND PER 100M² OF NET DEVELOPABLE AREA FOR NON-RESIDENTIAL DEVELOPMENT (APPROX 18.4 EP/ha)
3. PIPE CAPACITIES AT MINIMUM GRADE (FROM SED WSAS DMC CODE - DESIGN CRITERIA)
- 4.1. MINIMUM VELOCITY = 0.75m/s AT PUMP
- 4.2. MAXIMUM DEPTH OF FLOW = 0.75m AT PUMP
- 4.3. DN225 = 27 L/s @ 1:300
- 4.4. DN225 = 27 L/s @ 1:300
- 4.5. DN300 = 37 L/s @ 1:400

CATCHMENT TABLE			
CATCHMENT NAME	SERVICE AREA (ha)	EP's	PWWF (L/s)
LOT 1	15.34	244	4.39
LOT 2	27.74	456	8.29
LOT 3	14.90	248	4.5
LOT 4	46.62	776	14.00
SUM			31.18

AMENDED IN RED
By: Brandon Bouda
Date: 03 September 2021

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: DEV2018/961
Date: 10 September 2021

NOT FOR CONSTRUCTION



0

20

40

60

80

100

120

Scale 1:2500 @ A1

0

20

40

60

80

100

120

Scale 1:2500 @ A1

07/07/2021

18/12/2020

28/11/2019

07/03/2019

11/07/2018

12/05/2018

Issue

F

E

D

C

B

Issue for Development Application

Issue for Development Application

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Date

18/12/2020

28/11/2019

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11/07/2018

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Design

Check

Wearco Pty Ltd

42 South Street, Jimboomba QLD 4280

Telford Civil

Design & Construction Excellence

Level 4, 470 Church Street, Parramatta NSW 2150

Phone: 02 7899 4931

PO BOX 8979 Parramatta 2124

Project

Drawn By

Scale

Issue

PROPOSED BUSINESS PARK

4499-4651 MT LINDESAY HIGHWAY,

NORTH MACLEAN QLD

1:2500

AT

Project No.

Draw No.

Issue

012

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