

Job No: W24-01900.2

30 May 2024

Celsius Land Syndicate #2 Pty Ltd
ATF Jayes Road Unit Trust
696 Albany Highway
East Victoria Park WA 6981

Attention: Brenton Downing

ANTICIPATED LOT CLASSIFICATION LOT 9012 JAYES ROAD STAGE 2, PIARA WATERS

1. INTRODUCTION

At the request of Celsius Land Syndicate #2 Pty Ltd ATF Jayes Road Unit Trust, Structerre Consulting (Structerre) have prepared this letter to provide an anticipated Lot Classification of the bulk earthworks for the residential subdivision at Lot 9012 Jayes Road Stage 2, Piara Waters.

Structerre have provided ongoing assessments for the earthworks and provided recommendations for a "Class A" site as defined by AS 2870-2011 "Residential slabs and footings".

2. FIELDWORK

A representative from Structerre Consulting Engineers, (Structerre), regularly attended the site during the earthworks construction to date.

During the site visits, Structerre has undertaken topsoil stripping, foundation suitability and compaction audits of foundation.

Assessments and compaction audit testing conducted on bulk earthworks in accordance with AS 1289.6.3.3 indicate the foundation has been adequately prepared.

Works are continuing and at completion of the works, Structerre will conduct a final audit of the site and provide a completion report for the lots within the stage.

3. CONCLUSION

Based on the geotechnical assessments conducted to date, the completed residential lots within the development are anticipated to achieve:

Lots 2 to 10, 22 to 25 and 76 to 78 - Class A as determined by AS 2870-2011 for areas over the natural sands.

Lots 11 to 19, 44 to 49, 68 to 75 and 82 to 85 - Class A with a B1 detail as determined by AS 2870-2011 for areas over the organic fill.

We trust this meets with your requirements. Should you require any additional information, or clarification of the above, please contact the undersigned.

For and behalf of

STRUCTERRE CONSULTING ENGINEERS

A handwritten signature in blue ink, appearing to read "Wayne Rozmianiec". Below the signature is a small, faint alphanumeric string: "1-2-063852879800-0000000-12975-000052243031302".

Wayne Rozmianiec
Laboratory Manager

Appendix 1: Location Plan

Appendix 1 – Location Plan

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TOPSOIL VOLUME CALCULATIONS:

TOPSOIL STOCKPILE (FROM STRIPPED STAGE 1 SURFACE) = 7,599.6m³

TOPSOIL STOCKPILE (FROM STRIPPED STAGE 1 SURFACE LESS 25% FROM SCREENING) = 5,699.7m³

EXPECTED TOPSOIL STRIPPED 250mm (STAGE 2) = 5,244.7m³

EXPECTED TOPSOIL STRIPPED 250mm (STAGE 2 SURFACE LESS 25% FROM SCREENING) = 3,933.5m³

BALANCE OF TOPSOIL (STAGE 1 & 2) = 9,633.2m³

EXPECTED BLENDED VOLUME AT 2:1 RATIO = 19,266.4m³

EXPECTED LIMESTONE VOLUME = 9,000.0m³

BALANCE VOLUME = 28,899.6m³

EARTHWORK VOLUME CALCULATIONS:

CUT = -432.3m³

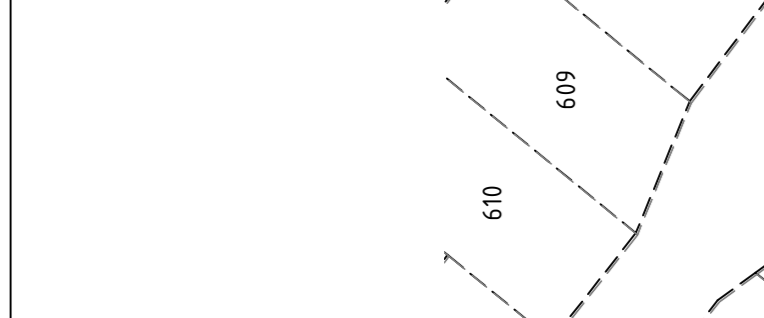
FILL = 55,622.0m³

BALANCE = 55,189.7m³

- NOTES:**
- 1. GROUNDWATER IS 26.5-26.65m AND BASED ON GROUNDWATER ATLAS.

LEGEND:

- EXISTING CONTOURS (0.2m INTERVALS)
- BULK EARTHWORK CONTOURS (0.2m INTERVALS)
- MAXIMUM GROUNDWATER LEVEL
- PROPOSED LOT LEVEL
- FUTURE LOT LEVEL
- EXISTING LOT LEVEL
- PROPOSED LIMESTONE AREA
- EXISTING RETAINING WALL
- PROPOSED RETAINING WALL
- DEVELOPMENT BOUNDARY
- EXTENT OF WORKS BOUNDARY
- EXISTING SEWER
- EXISTING DRAINAGE
- EXISTING WATER
- EXISTING UNDERGROUND POWER
- EXISTING PRESSURE MAIN
- EXISTING COMMS
- EXISTING GAS
- EXISTING TREES TO BE REMOVED



NOT FOR CONSTRUCTION

REVISION	DESCRIPTION	DRAWN	DATE
A	ISSUED FOR INFORMATION	D.AYRES	23.10.2023

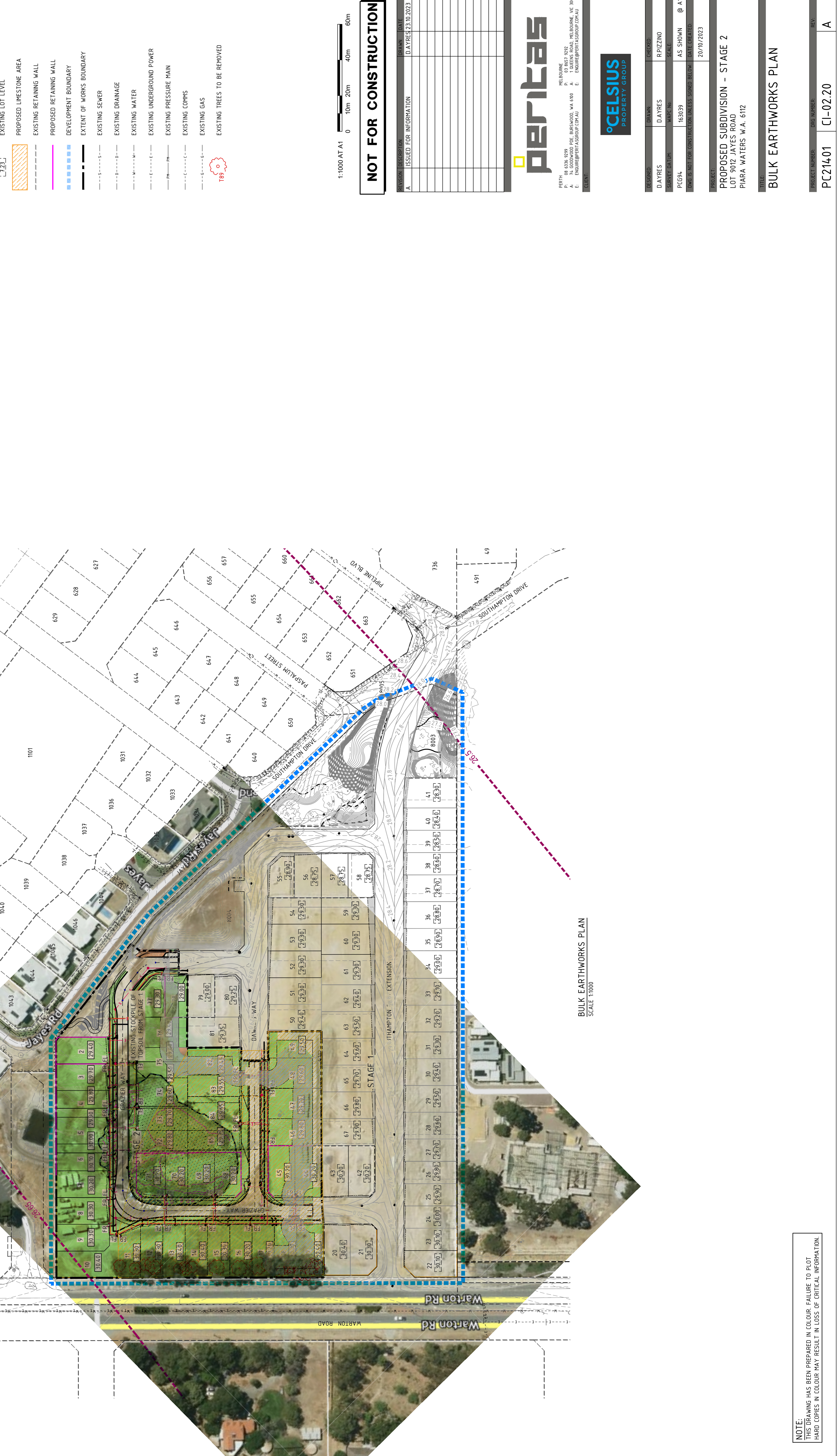
peritas

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DESIGNED	CHECKED
D.AYRES	R.PIZZINO
SURVEY DATA	SCALE
PC094	AS SHOWN @ A1
DATE CREATED	
20/10/2023	

PROJECT: PROPOSED SUBDIVISION - STAGE 2
 LOT 9012 JAYES ROAD
 PIARA WATERS W.A. 6112

TITLE: BULK EARTHWORKS PLAN



BULK EARTHWORKS PLAN
 SCALE 1:1000

NOTE: THIS DRAWING HAS BEEN PREPARED IN COLOUR. FAILURE TO PLOT HARD COPIES IN COLOUR MAY RESULT IN LOSS OF CRITICAL INFORMATION.