

LEGEND:
LEVELS DATUM IS AHD.

- SGGP, SINGLE GRATED GULLY PIT
- SJP, SEALED JUNCTION PIT
- KIP, KERB INLET PIT
- GD, GRATED DRAIN (300W x 225D UNO)
- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS

Department of Planning, Housing and Infrastructure

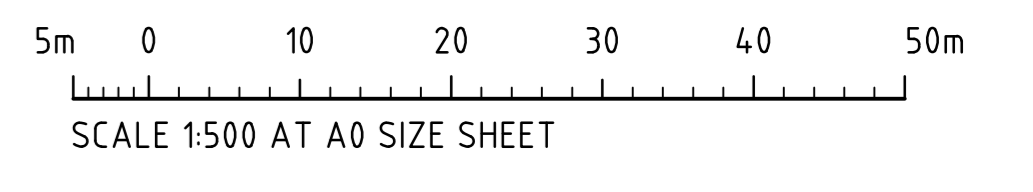
Issued under the Environmental Planning and Assessment Act 1979

Approved Application: **SSD-76913969**

Granted on: **26 February 2026**

Signed: **T.W** Sheet Number: **16** of **19**

FINISHED LEVELS PLAN - SHEET 1
SCALE 1500



FOR APPROVAL

ISSUED FOR SSSA APPROVAL	DATE	ISSUE	AMENDMENTS
ISSUED FOR SSSA APPROVAL	18.12.25	P4	
ISSUED FOR SSSA APPROVAL	30.09.25	P3	
ISSUED FOR SSSA APPROVAL	13.12.24	P2	
ISSUED FOR INFORMATION	28.11.24	P1	

CLIENT

PM **RP INFRASTRUCTURE**
Converting visions to reality

ARCHITECT **SBA ARCHITECTS**

BUILDER **CONSULT AUSTRALIA**

PROJECT **ALDI SYDNEY DISTRIBUTION CENTRE**
STATE SIGNIFICANT DEVELOPMENT APPLICATION
EASTERN RING ROAD, BADGERY'S CREEK

DESIGNED: XC DRAWN: JB DATE: AUG 24 CHECKED: AS SCALE: A0 CAD REF: E015146.01-SSDA501

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CIVIL & STRUCTURAL ENGINEERS

DRAWING No: **SDY-CRC-DRW-CV-501**
DRAWING TITLE: **FINISHED LEVELS PLAN - SHEET 1**
COSTIN ROE DRAWING No: **C015146.01-SSDA501** ISSUE: **P4**

REFER TO DRAWING CV-502 FOR CONTINUATION



Department of Planning, Housing and Infrastructure

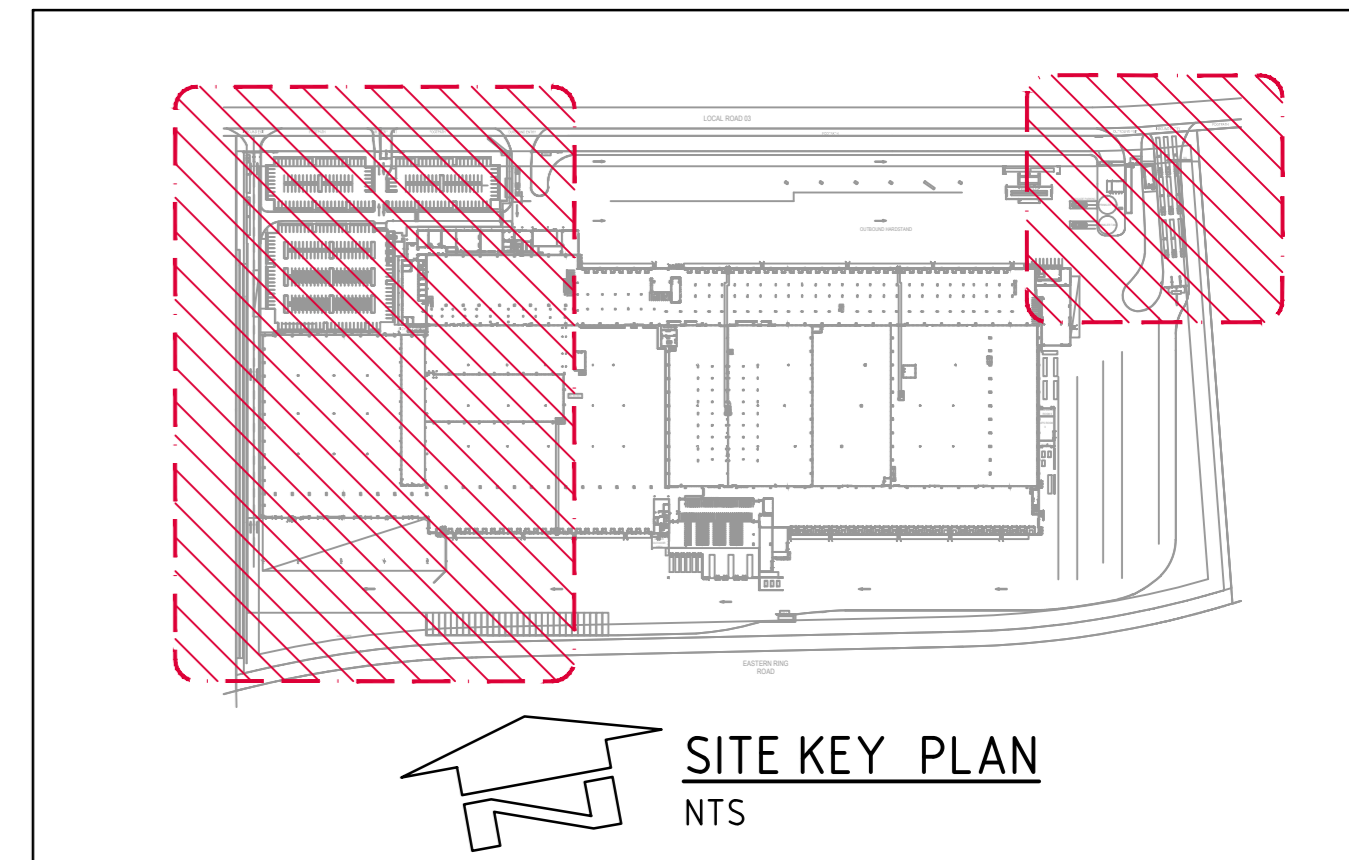
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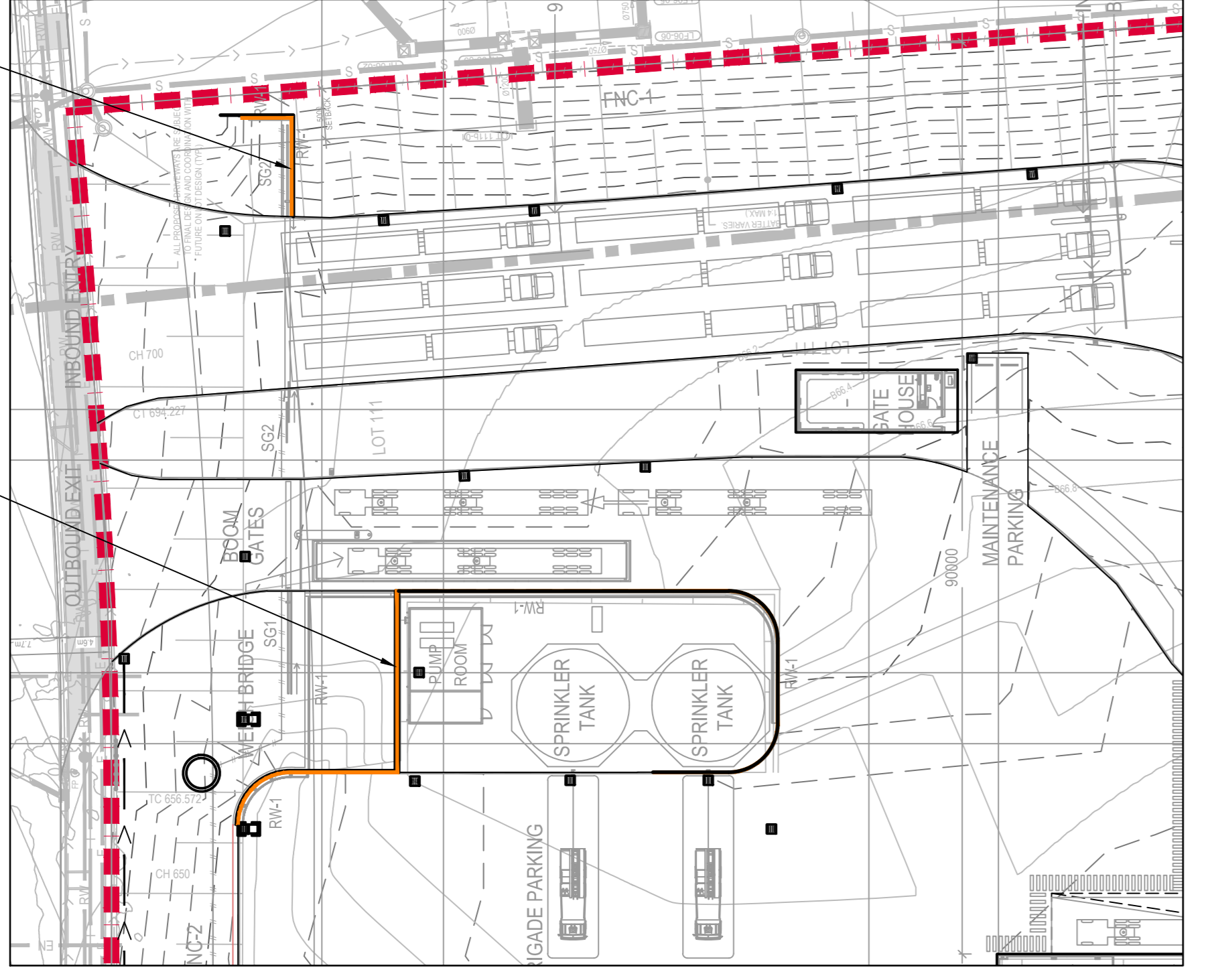
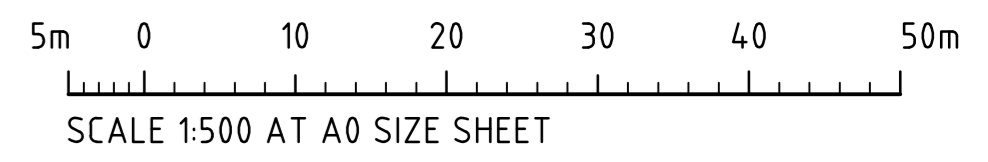
Signed: T.W Sheet Number: 19 of 19

- RETAINING WALL NOTES: 1. ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH AS4678 AND THE STANDARDS REFERRED TO THEREIN. 2. MINIMUM BEARING CAPACITY OF FOUNDATION TO BE AS FOLLOWS: a. H MAX. 2.0m = 100 kPa b. H MAX. 3.5m = 150 kPa c. H MAX. 5.0m = 200 kPa 3. BEFORE COMMENCEMENT OF CONSTRUCTION THE FOUNDATION SHALL BE INSPECTED AND VERIFIED BY A QUALIFIED GEOTECHNICAL ENGINEER. 4. WHERE MINIMUM BEARING IS NOT ACHIEVABLE OR NOT MEETING DESIGN REQUIREMENT, THE FOUNDATION MATERIAL IS TO BE EXCAVATED AND REPLACED WITH APPROVED MATERIAL PLACED IN ACCORDANCE WITH THE FILLING SPECIFICATION TO A MINIMUM COMPACTION OF 100% SMDD AND PLACED WITHIN 2% OF DMC. 5. MINIMUM SURCHARGE LOADS TO BE APPLIED AS FOLLOWS U.N.O. ON PLAN: a. LIVE LOAD = 20 kPa b. DEAD LOAD = 5 kPa c. CONSTRUCTION TRAFFIC LIVE LOAD = 10 kPa 6. MINIMUM WALL EMBEDMENT AT THE TOE OF THE WALL TO BE 300mm MINIMUM UNLESS NOTED OTHERWISE. 7. DESIGN LIFE OF STRUCTURE IS TO BE 100 YEARS. 8. TIED WALLS ARE TO BE TEMPORARILY PROPPED AT TOP UNTIL SUCH TIME THE TOP OF WALL IS TIED TO THE SLAB AND 28-DAY CONCRETE STRENGTH HAS BEEN ACHIEVED. 9. CONSTRUCTION EQUIPMENT WEIGHING MORE THAN 500KG STATIC WEIGHT IS TO BE KEPT BACK 1.5m FROM THE REAR FACE OF THE WALL FACING UNITS. COMPACTION OF THE SELECT FILL MATERIAL WITHIN THE 15m STRIP ADJACENT TO THE WALL SHALL BE ACHIEVED BY LIGHT MECHANICAL TAMPERS (VIBRATING PLATE, TRENCH COMPACTOR OR SIMILAR) TO GIVE THE SAME DENSITY AS IN THE REMAINDER OF THE SELECT FILL. 10. ALL DESIGN AND CONSTRUCT WALL SYSTEM TO BE COMPLETED IN ACCORDANCE WITH THESE NOTES. 11. WALL ELEVATIONS ALLOW FOR NOMINAL EMBEDMENT DEPTHS. WHERE DESIGN AND CONSTRUCT (D-C) WALL SYSTEMS ARE PROPOSED IT IS THE CONTACTORS RESPONSIBILITY TO ALLOW FOR THE FINAL EMBEDMENT DEPTHS AS PER THE D-C DESIGN. ALLOWANCE FOR OVERALL WALL AREAS TO CONSIDER THE FINAL EMBEDMENT DEPTH. WALL ELEVATIONS AND AREAS ARE BASED ON THE VERTICAL PLAN AREA. CONTRACTOR TO ALLOW ADDITIONAL SURFACE AREA WHERE WALLS ARE NOT VERTICAL OR HAVE BACKSLOPES.



LEGEND: LEVELS DATUM IS AHD. - PROPOSED RETAINING WALL - 50.00 - FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS - 50.10 - FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS

NOTE: THESE DRAWINGS ARE ISSUED FOR THE PURPOSE OF PROVIDING THE CIVIL CONCEPT ONLY FOR THE DESIGN AND CONSTRUCT TENDER THIS IS NOT DETAILED DESIGN THE CIVIL DETAILS SHALL BE SUBJECT TO CHANGE DURING THE DETAILED DESIGN STAGE



RETAINING WALL 8 NO-FINES KEYSTONE WALL MAX EXPOSED HEIGHT: 2.00m EXPOSED AREA: 16m² LENGTH: 17.2m SURCHARGE: 5kPa

RETAINING WALL 7 NO-FINES KEYSTONE WALL MAX EXPOSED HEIGHT: 1.60m EXPOSED AREA: 105m² LENGTH: 100.9m SURCHARGE: 20kPa

RETAINING WALL 6 NO-FINES KEYSTONE WALL MAX EXPOSED HEIGHT: 1.50m EXPOSED AREA: 20m² LENGTH: 22.3m SURCHARGE: 5kPa

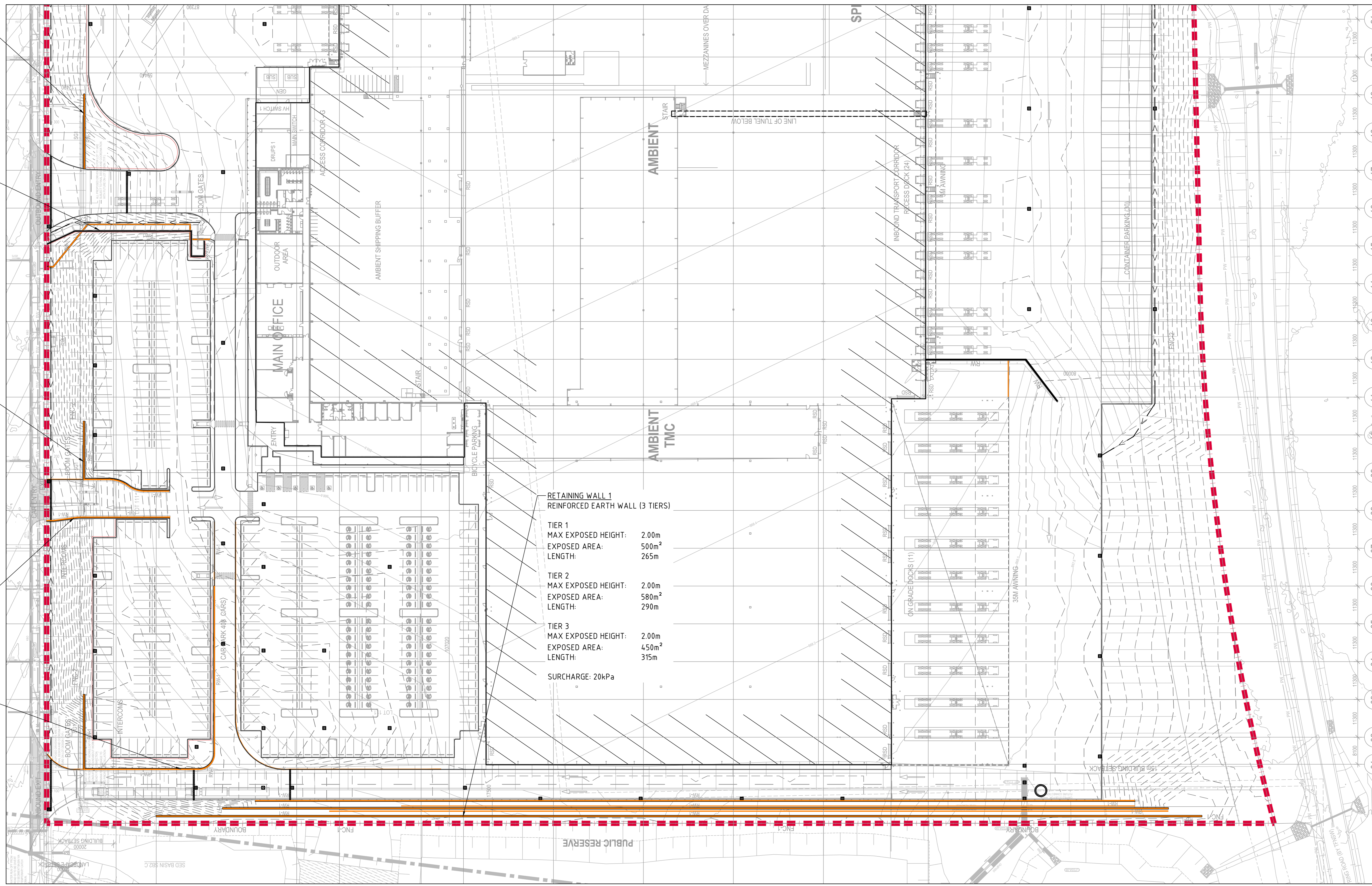
RETAINING WALL 5 NO-FINES KEYSTONE WALL MAX EXPOSED HEIGHT: 1.80m EXPOSED AREA: 65m² LENGTH: 59.6m SURCHARGE: 5kPa

RETAINING WALL 4 REINFORCED EARTH WALL MAX EXPOSED HEIGHT: 2.60m EXPOSED AREA: 73m² LENGTH: 43.9m SURCHARGE: 5kPa

RETAINING WALL 3 REINFORCED EARTH WALL MAX EXPOSED HEIGHT: 3.50m EXPOSED AREA: 80m² LENGTH: 37m SURCHARGE: 5kPa

RETAINING WALL 2 REINFORCED EARTH WALL MAX EXPOSED HEIGHT: 3.50m EXPOSED AREA: 180m² LENGTH: 114.7m SURCHARGE: 5kPa

RETAINING WALL 1 REINFORCED EARTH WALL (3 TIERS) TIER 1 MAX EXPOSED HEIGHT: 2.00m EXPOSED AREA: 500m² LENGTH: 265m TIER 2 MAX EXPOSED HEIGHT: 2.00m EXPOSED AREA: 580m² LENGTH: 290m TIER 3 MAX EXPOSED HEIGHT: 2.00m EXPOSED AREA: 450m² LENGTH: 315m SURCHARGE: 20kPa



RETAINING WALL PLAN SCALE 1:500

FOR SDA APPROVAL