

1. INDICATIVE LOCATION OF RETAINING AS INDICATED IN ADVANCED TREESCAPE CONSULTING REPORT (18-182C01-2022) DATED 17/2/22
 2. ALL EARTHWORKS ADJACENT TREES OR WITHIN RETAINED VEGETATION ZONES ARE TO BE COMPLETED UNDER THE SUPERVISION OF THE PROJECT ARBORIST.
 3. RETAINING TO FUTURE DETAIL.

LEGEND

PL 39.800	DENOTES PROPOSED PLATFORM LEVEL
• 39.800	BULK EARTHWORKS LEVEL
	AREA OF CUT
	AREA OF FILL
	PAD OUTLINE
PL	PAD LEVEL
EL	EXISTING LEVEL (PRIOR TO STRIP)
	TREE TO BE REMOVED

MAXIMUM RECOMMENDED BATTER SLOPES

MATERIAL	TEMPORARY BATTER	PERMANENT BATTER
NATURAL VERY STIFF CLAY	1V : 1H	1V : 2H
WEATHERED SANDSTONE/SHALE	VERTICAL	1V : 0.5H

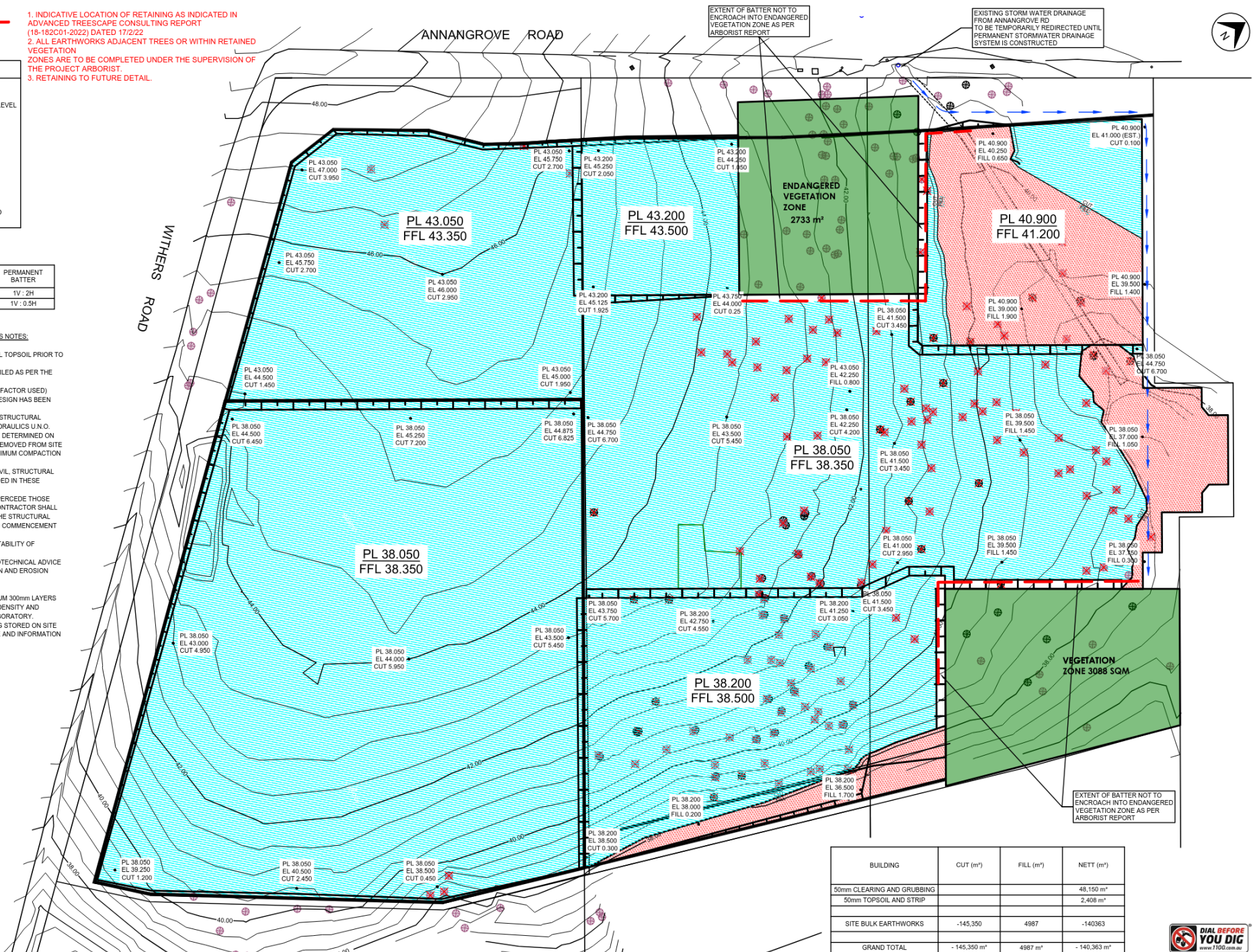
GEOTECHNICAL RECOMMENDATIONS / BULK EARTHWORKS NOTES:

- TOPSOIL STRIPPED FROM SITE TO BE USED FOR FINAL TOPSOIL PRIOR TO IMPORT OF ADDITIONAL TOPSOIL.
- EXCESS CUT MATERIAL TO BE TEMPORARILY STOCKPILED AS PER THE SEDIMENTATION AND EROSION CONTROL PLAN.
- SOLID EARTHWORKS VOLUMES SHOWN (NO BULKING FACTOR USED).
- BULK EARTHWORKS ASSUMED ONLY. NO DETAILED DESIGN HAS BEEN UNDERTAKEN.
- BULK EARTHWORKS LEVELS HAS NOT ALLOWED FOR STRUCTURAL DESIGN OF FOOTINGS, DEPRESSIONS, FALLS AND HYDRAULICS U.N.O. THESE ARE ADDITIONAL EXCAVATIONS AND SHALL BE DETERMINED ON SITE BY THE CONTRACTOR. ANY EXCESS MATERIAL REMOVED FROM SITE WILL BE REQUIRED TO BE REPLACED AS PER THE MINIMUM COMPACTION REQUIREMENTS.
- ALL EXCESS MATERIAL REMOVED AS DIRECTED BY CIVIL, STRUCTURAL OR GEOTECHNICAL ENGINEER HAS NOT BEEN INCLUDED IN THESE CALCULATIONS.
- ALL ARCHITECTURAL FINISHED SURFACE LEVELS SUPERCEDE THOSE INDICATED ON THE BULK EARTHWORKS PLAN. THE CONTRACTOR SHALL CONFIRM THE FINAL PAD LEVEL REQUIRED TO SUIT THE STRUCTURAL DESIGN WITH THE STRUCTURAL DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- REFER GEOTECHNICAL REPORT / ENGINEER FOR SUITABILITY OF MATERIAL WON FROM EXCAVATION AS BACKFILL.
- FINAL TEMPORARY BATTER SLOPES SUBJECT TO GEOTECHNICAL ADVICE.
- ON SITE STOCK PILE AS DETAILED ON SEDIMENTATION AND EROSION CONTROL PLAN.
- REF. 030037 SEC3 VER. B SHEET 1 OF 1.
- FILLING IS TO BE PLACED AND COMPACTED IN MAXIMUM 300mm LAYERS AND COMPACTED TO 95% STANDARD MAXIMUM DRY DENSITY AND CERTIFIED BY NATA REGISTERED GEOTECHNICAL LABORATORY.
- LOCATION FOR ANY ADDITIONAL MATERIAL NOT BEING STORED ON SITE WILL BE DETERMINED PRIOR TO REMOVAL FROM SITE AND INFORMATION PROVIDED TO COUNCIL.

EROSION AND SEDIMENT CONTROL (ESC) MEASURES TO BE INSTALLED PRIOR TO COMMENCEMENT OF WORK

EROSION PLANS AND BUILDING REPRESENTATIVE FAMILIAR WITH THE PLAN MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

ALL ENVIRONMENTAL MEASURES INCLUDING VEGETATION PROTECTION AND EROSION SEDIMENT CONTROL SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PRIOR WORK



BUILDING	CUT (m³)	FILL (m³)	NETT (m³)
50mm CLEARING AND GRUBBING			48,150 m³
50mm TOPSOIL AND STRIP			2,408 m³
SITE BULK EARTHWORKS	-145,350	4987	-140363
GRAND TOTAL	- 145,350 m³	4987 m³	- 140,363 m³

Ver.	Description	Date	By
B	AMENDMENTS TO PAD LEVELS AND EXTENTS AS PER ARCH. PLANS	13/05/19	M.L.
C	AMENDMENTS TO PAD LEVELS AND EXTENTS AS PER ARCH. PLANS	26/11/21	T.L.
D	BATTER RELAYED TO TREES ADGED	18/09/22	M.R.
E	HATCHING THRESH	23/02/22	M.R.
F	BATTER NOT ENCROACHING NOTE ADGED	23/02/22	M.R.

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Design : RMA	SCALE 1:500 @ A1	Client : ABAX CONTRACTING PTY. LTD.
Survey : A' O' C	DATUM : AHD	Project : BULK EARTHWORKS PLAN
Drawn : R.L.	Date : NOVEMBER 2021	PROPOSED RETAIL DEVELOPMENT
	L G A : THE HILLS SHIRE	332 ANNANGROVE ROAD
		ROUSE HILL

Sheet No. 1 of 1 Sheets	Ver.
Project No.	
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