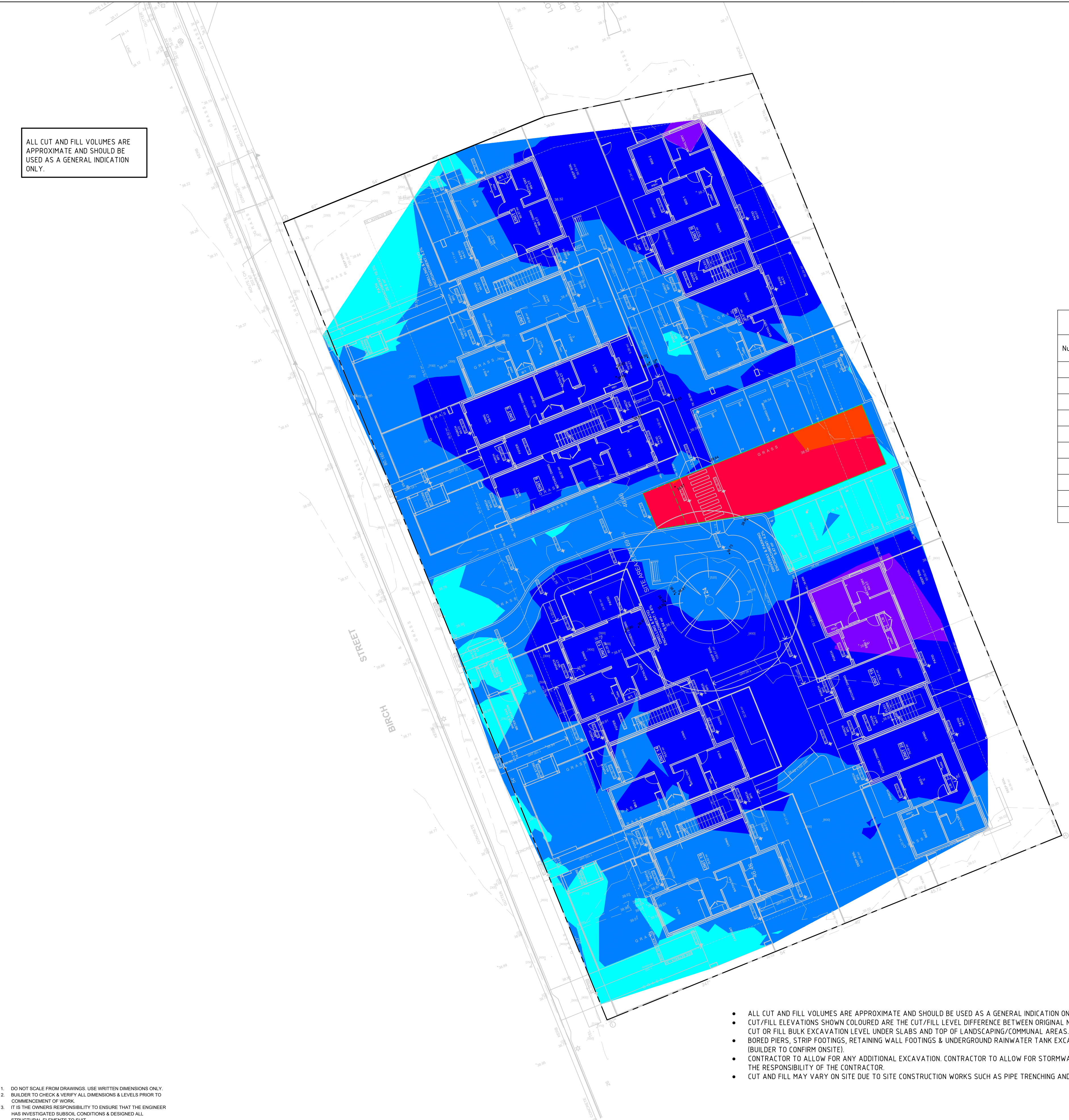


ALL CUT AND FILL VOLUMES ARE APPROXIMATE AND SHOULD BE USED AS A GENERAL INDICATION ONLY.



Surface Analysis: Elevation Ranges					
Number	Color	Minimum Elevation (m)	Maximum Elevation (m)	2D Area (m ²)	Volume (m ³)
1		-1.400	-1.200	103.4	8.1
2		-1.200	-1.000	16.9	23.9
3		-1.000	-0.800	0.0	24.1
4		-0.800	-0.600	0.0	24.1
5		-0.600	-0.400	0.0	24.1
6		-0.400	-0.200	0.0	24.1
7		-0.200	0.000	308.0	32.7
8		0.000	0.200	1430.6	436.3
9		0.200	0.400	1289.2	119.2
10		0.400	0.600	87.0	2.7

- ALL CUT AND FILL VOLUMES ARE APPROXIMATE AND SHOULD BE USED AS A GENERAL INDICATION ONLY.
- CUT/FILL ELEVATIONS SHOWN COLOURED ARE THE CUT/FILL LEVEL DIFFERENCE BETWEEN ORIGINAL NATURAL GROUND LEVEL ONSITE COMPARED TO THE FINISHED CUT OR FILL BULK EXCAVATION LEVEL UNDER SLABS AND TOP OF LANDSCAPING/COMMUNAL AREAS.
- BORED PIERS, STRIP FOOTINGS, RETAINING WALL FOOTINGS & UNDERGROUND RAINWATER TANK EXCAVATION HAS NOT BEEN ALLOWED FOR IN CUT AND FILL PLAN (BUILDER TO CONFIRM ONSITE).
- CONTRACTOR TO ALLOW FOR ANY ADDITIONAL EXCAVATION. CONTRACTOR TO ALLOW FOR STORMWATER PITS, PIPE & SERVICES TRENCHES. ALL SITE GRADING IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CUT AND FILL MAY VARY ON SITE DUE TO SITE CONSTRUCTION WORKS SUCH AS PIPE TRENCHING AND CONSTRUCTION SEQUENCES.

1. DO NOT SCALE FROM DRAWINGS. USE WRITTEN DIMENSIONS ONLY.
2. BUILDER TO CHECK & VERIFY ALL DIMENSIONS & LEVELS PRIOR TO COMMENCEMENT OF WORK.
3. IT IS THE OWNERS RESPONSIBILITY TO ENSURE THAT THE ENGINEER HAS INVESTIGATED SUBSOIL CONDITIONS & DESIGNED ALL STRUCTURAL ELEMENTS TO SUIT.
4. THE DESIGN & DETAILS CONTAINED ON THIS DRAWING IS SUPPLIED IN CONFIDENCE & IS NOT TO BE USED FOR ANY OTHER PURPOSE, EXCEPT THAT AUTHORISED BY MSL CONSULTING ENGINEERS

0 5 10 20 40MM
SCALE FOR PRINTING
PURPOSE ONLY

 Planning & Environment	LOCKED BAG 5022 PARRAMATTA NSW 2124 PHONE No 1800 738 718 www.dpie.nsw.gov.au/ land-and-housing-corporation	 MSL Consulting Engineers Pty Limited ABN 72 903 080 591 ACN 142 291 165 Suite 102 - 62 Harbour St. Wollongong NSW PO Box 567 Dapto NSW P 02 4228 5247 E info@mslengineers.com.au W www.mslengineers.com.au	PROJECT MANAGER LAND & HOUSING CORPORATION PH (02) 9354 1876	STRUCTURAL / CIVIL CONSULTANT MSL CONSULTING ENGINEERS PTY LTD PH (02) 4228 5247	BUSINESS PARTNER:  Planning & Environment Land & Housing Corporation GREATER WESTERN SYDNEY REGION	PROJECT: SENIORS HOUSING DEVELOPMENT at 2-10 BIRCH STREET, NORTH ST MARYS, NSW 2760	TITLE: CUT AND FILL PLAN	STATUS: DA ISSUE	DATE: 17/04/23	SCALE: 1:200 @ A1	PROJ: BGVZ	JOB: 22084
			ARCHITECT DTA Architects Pty Ltd PH (02) 9601 1011	HYDRAULIC CONSULTANT MSL CONSULTING ENGINEERS PTY LTD PH (02) 4228 5247	ELECTRICAL / BASIC CONSULTANT PH	LANDSCAPE CONSULTANT PH	FILE:	PLOTTED: 17/04/2023	TYPE: C	SHEET: 1 of 1	CERTIFIED: MP	REV: B