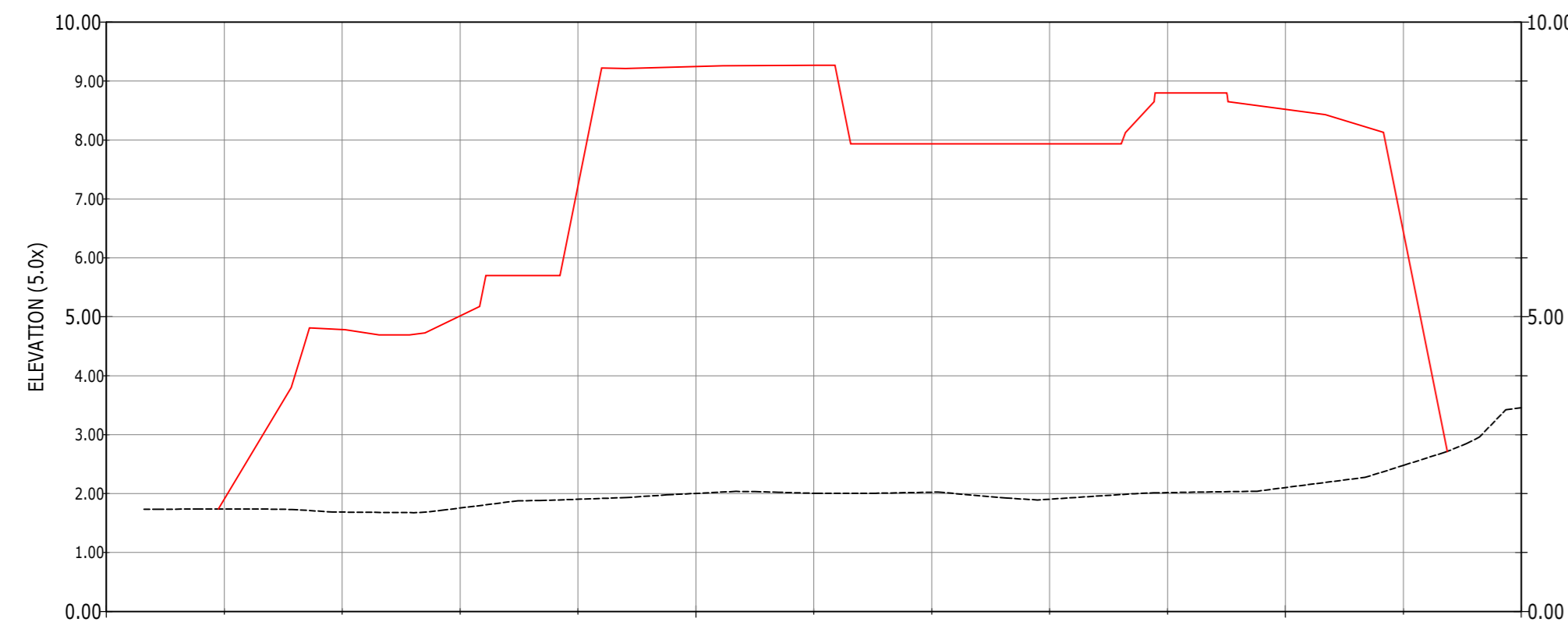
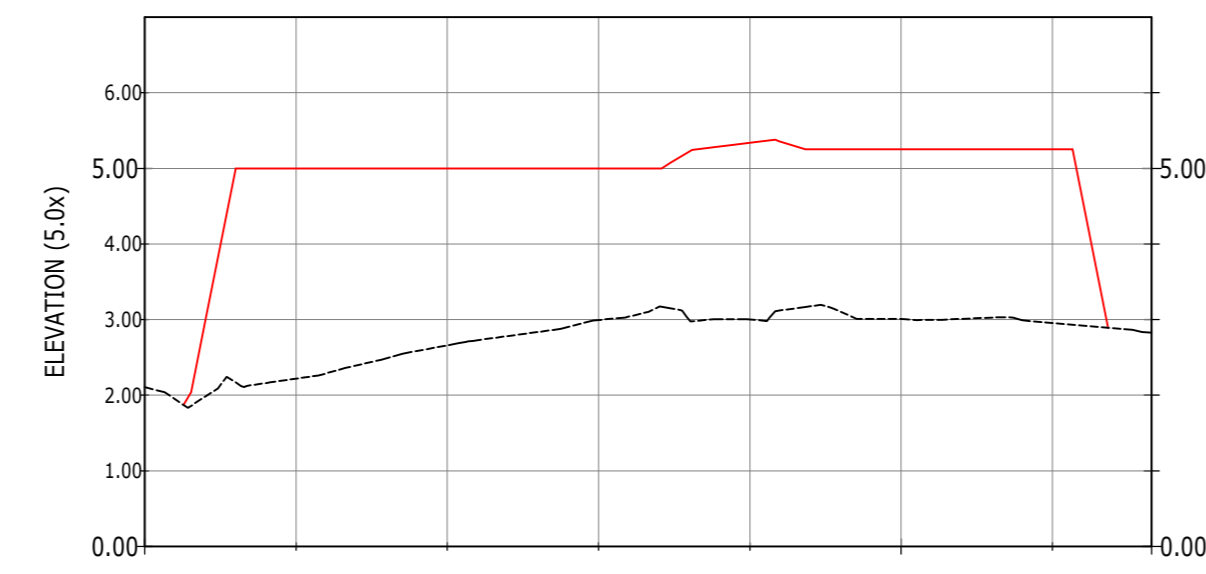


PROFILE VIEW: ZONE 3 SECTION 6  
SCALE: H:500, V:100  
DATUM: 0.000



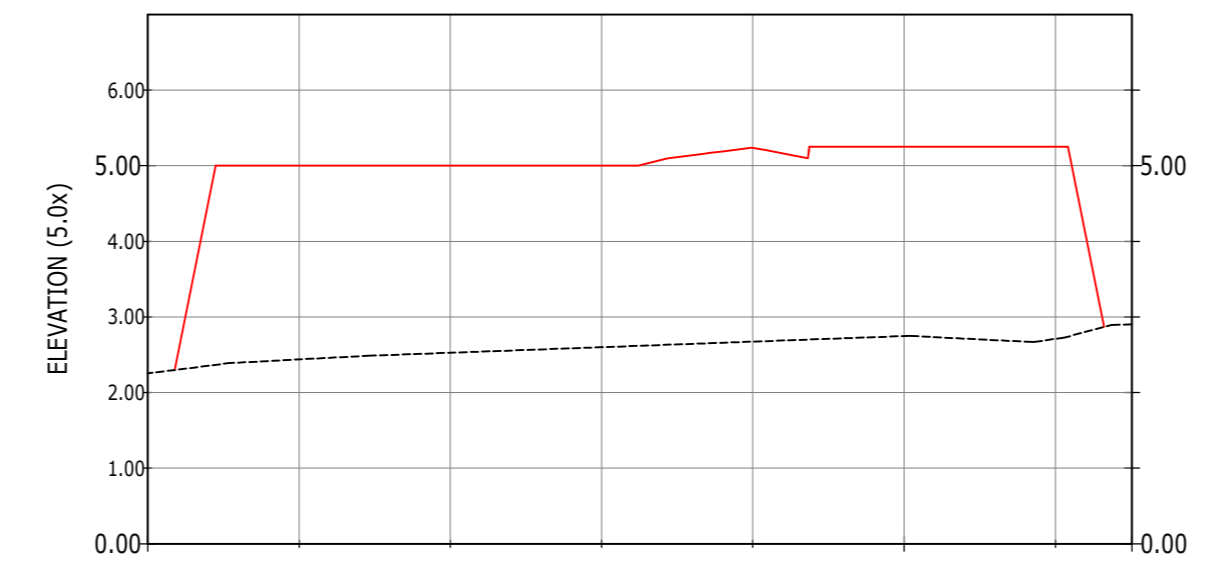
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000
EXISTING LEVELS		1.276	1.685	1.725	1.593	2.003	2.005	2.033	1.905	2.016	2.102	2.278	3.458
HOR SURCHARGE LEVELS		1.906	4.782	5.014	7.252	9.246	9.269	7.934	7.935	8.800	8.521	6.456	
VER													

PROFILE VIEW: ZONE 4 SECTION 1  
SCALE: H:500, V:100  
DATUM: 0.000



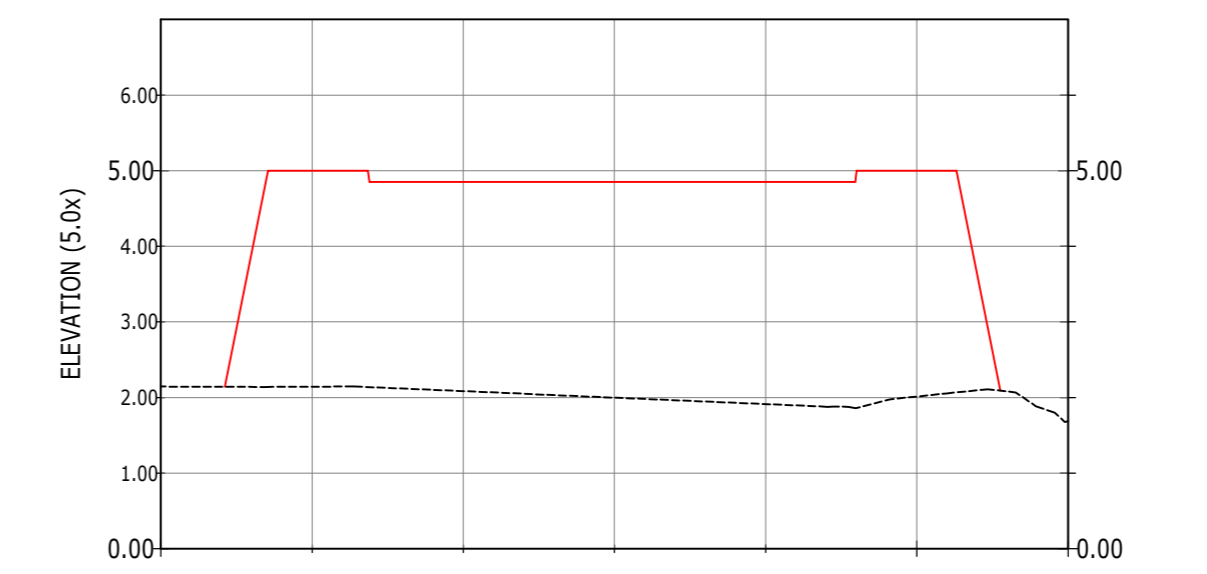
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	66.575
EXISTING LEVELS	2.128	2.218	2.659	2.995	3.002	3.007	2.956	2.828
HOR SURCHARGE LEVELS	5.000	5.000	5.000	5.339	5.250	5.250	5.250	
VER								

PROFILE VIEW: ZONE 4 SECTION 2  
SCALE: H:500, V:100  
DATUM: 0.000



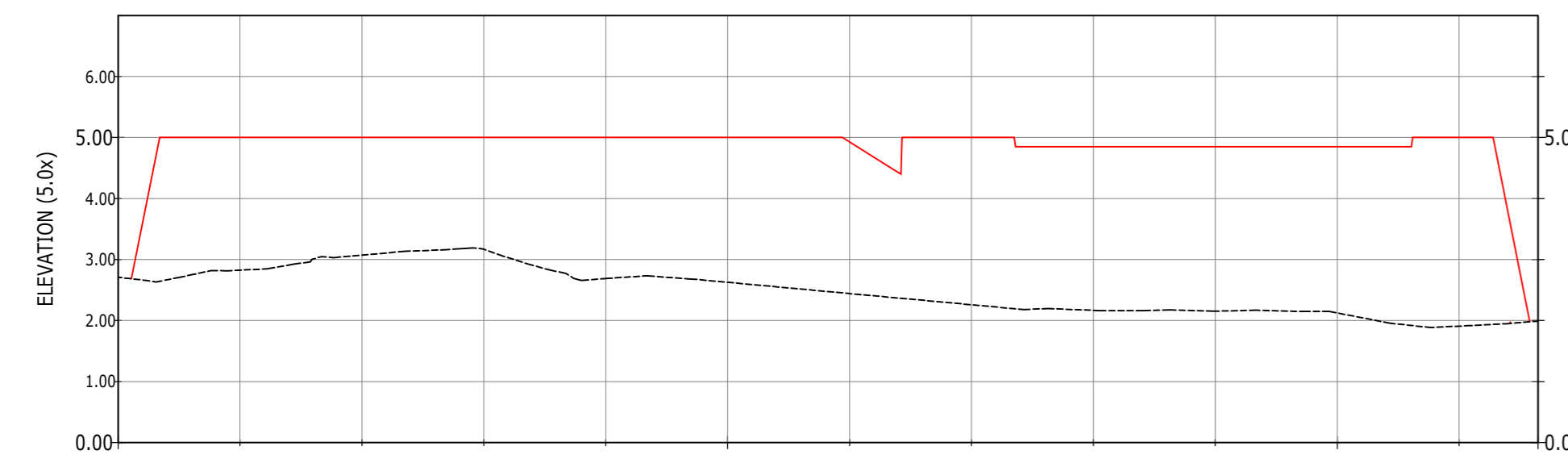
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	65.071
EXISTING LEVELS	2.533	2.428	2.226	2.600	2.673	2.747	2.710	2.903
HOR SURCHARGE LEVELS	5.000	5.000	5.000	5.235	5.250	5.250	5.250	
VER								

PROFILE VIEW: ZONE 4 SECTION 3  
SCALE: H:500, V:100  
DATUM: 0.000



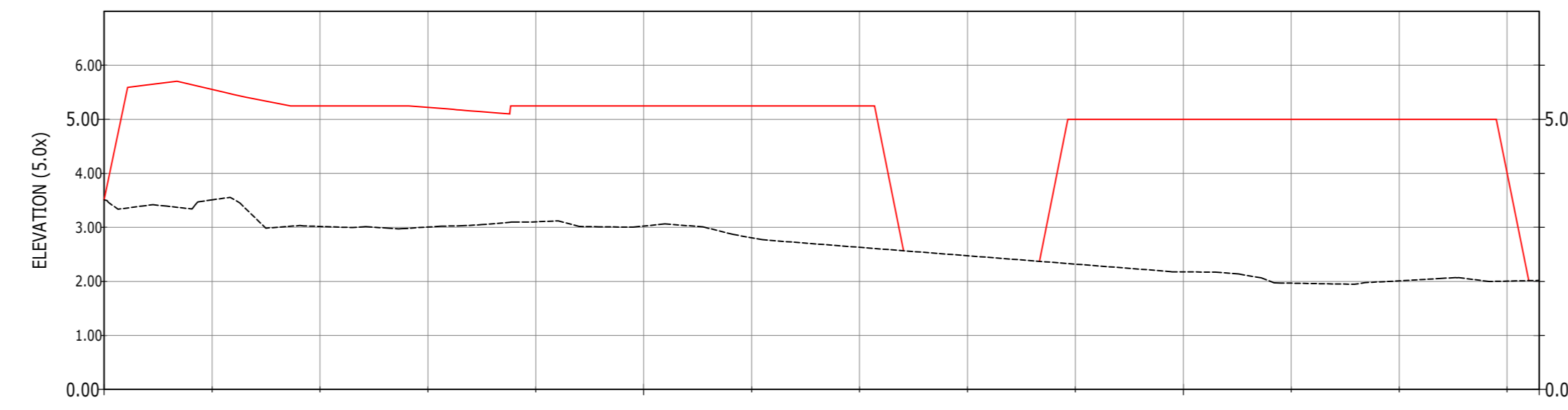
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000
EXISTING LEVELS	2.145	2.143	2.084	1.998	1.912	2.013	1.683
HOR SURCHARGE LEVELS	5.000	4.850	4.850	4.850	5.000	5.000	
VER							

PROFILE VIEW: ZONE 4 SECTION 4  
SCALE: H:500, V:100  
DATUM: 0.000



CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	116.481
EXISTING LEVELS	2.710	2.826	3.073	3.169	2.690	2.627	2.443	2.259	2.167	2.154	2.124	1.909	1.990
HOR SURCHARGE LEVELS	5.000	5.000	5.000	5.000	5.000	4.927	5.000	4.850	4.850	4.850	4.850	5.000	
VER													

PROFILE VIEW: ZONE 4 SECTION 5  
SCALE: H:500, V:100  
DATUM: 0.000



CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	132.966
EXISTING LEVELS	3.559	3.599	3.017	3.066	3.104	3.025	2.807	2.631	2.475	2.320	2.176	1.967	2.012	2.005	2.018
HOR SURCHARGE LEVELS	5.555	5.250	5.221	5.250	5.250	5.250	5.250	5.250	5.250	5.000	5.000	5.000	5.000	4.002	
VER															

THESE LONG-SECTIONS COMPARE THE EXISTING GROUND LEVEL (INDICATED BY THE BLACK DASHED LINE) AND THE PROPOSED TEMPORARY LEVEL OF THE SURCHARGE MATERIAL (INDICATED BY THE RED LINE). THE LEVEL OF THE SURCHARGE MATERIAL IS BASED ON THE PROPOSED PERMANENT FINISHED LEVEL PLUS 2 METRES. WHERE RETAINING WALLS WILL FORM PART OF THE PROPOSED PERMANENT LEVELS DESIGN, THE SURCHARGE MATERIAL WILL BE TEMPORARILY BATTERED AT A SLOPE OF 1 IN 1 (45 DEGREES) AS RECOMMENDED BY THE GEOTECHNICAL CONSULTANT, IDOM.

THE PROPOSED PERMANENT FINISHED LEVELS ARE TO BE AGREED SEPARATELY AS PART OF THE DISCHARGE OF CONDITION 8.

PLEASE NOTE THAT FOR CLARITY THE VERTICAL SCALE OF THESE LONG-SECTIONS HAS BEEN MULTIPLIED BY A FACTOR OF 5. LEVEL CHANGES MAY THEREFORE APPEAR MORE ABRUPT THAN WILL BE THE CASE ON-SITE.

NOTES

- DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
- ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
- DRAWING HAS BEEN BASED UPON TOPOGRAPHICAL SURVEY SURV2154 PRODUCED BY COUNTRYSIDE PROPERTIES DATED 07.11.17.
- DRAWING HAS BEEN BASED ON SITE LAYOUT 1506-P-04 BY MCLAREN ARCHITECTURAL RECEIVED 05.03.2019.
- NO WORK ASSUMED TO LEVELS IN VICINITY OF THE ICE HOUSE.

EARTHWORKS NOTES:

- WHERE NECESSARY ALL EXCAVATED MATERIAL THAT IS NOT REUSED SHALL BE DISPOSED OF AT AN APPROVED TIP OFF-SITE.
- ALL VOLUMES INDICATED ARE A SOLID MEASURE AND NO BULKING FACTOR HAS BEEN ALLOWED FOR.
- ALL EARTHWORKS VOLUMES AND LEVELS SHOWN ARE FOR GUIDANCE ONLY AND SHOULD BE INDEPENDENTLY VERIFIED BY THE CONTRACTOR.
- ALL WORKS TO BE UNDERTAKEN IN STRICT ACCORDANCE WITH THE APPROVED EARTHWORKS SPECIFICATION PRODUCED BY THE CONTRACTOR OR GEOTECHNICAL CONSULTANT.
- NO ALLOWANCES HAVE BEEN MADE FOR CONTAMINATED SOIL. CONTAMINATION LEVELS ARE TO BE CONFIRMED FOLLOWING GEOTECHNICAL INVESTIGATION.
- FORMATION DEPTHS, GROUNDWORKS VOLUMES AND PROPOSED LEVELS ARE ESTIMATED ONLY AND ARE SUBJECT TO DETAILED DESIGN.

CDM NOTES:

- THE ATTENTION OF THE CLIENT AND THE PRINCIPAL CONTRACTOR IS DRAWN TO THE FOLLOWING POTENTIAL RISKS IN CONJUNCTION WITH THE PROPOSED ON-SITE AND OFF-SITE WORKS AS DESIGNED FOR THIS PROJECT.
- WORKS IN THE VICINITY OF LIVE SERVICES WILL BE NECESSARY AND THE ADVICE OF ALL STATUTORY SERVICE COMPANIES MUST BE SOUGHT BEFORE ANY WORKS COMMENCE.
- WORKS WITHIN AND ABUTTING THE EXISTING HIGHWAY WILL ENTAIL TRAFFIC HAZARDS AND ALL APPROPRIATE SAFETY MEASURES INCLUDING BARRIERS, SIGNS AND LIGHTING MUST BE UNDERTAKEN TO THE APPROVAL OF THE LOCAL AUTHORITY, THE HIGHWAY AUTHORITY AND THE POLICE.
- HAZARDOUS MATERIALS INCLUDING CEMENT AND BITUMINOUS MATERIALS ARE SPECIFIED AND THE MANUFACTURER'S ADVICE ON SAFE HANDLING PROCEDURES MUST BE OBTAINED AND MADE CLEAR TO ALL OPERATIVES.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING ALL EXISTING SERVICES WITHIN THE VICINITY OF THE WORKS AND ENSURE THESE ARE PROTECTED THROUGHOUT THE DURATION OF THE WORKS. ALL UTILITY PLANT SHOULD BE CLEARLY MARKED ON THE GROUND PRIOR TO COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR MUST ENSURE ALL WORKING AREAS ARE FULLY SECURE.

KEY:  
 PROPOSED TEMPORARY SURCHARGE LEVEL  
 EXISTING GROUND LEVEL

PRELIMINARY

FOR INFORMATION ONLY

P1	1 IN 1 BATTER SLOPES INCLUDED, EXPLANATORY SITE REVISED	MSL	MSL	JEC	08.11.22
P2	SECTIONS REVISED TO SUIT NEW SITE BOUNDARY	MSL	MSL	JEC	08.08.22
P3	SECTIONS REVISED TO SUIT NEW SITE BOUNDARY	MSL	MSL	JEC	28.07.22

Rev	Description	Drn	Chk	App	Date
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E-mail: enquiries@ardent-ce.co.uk

**worksafe** CONSULTANT  
SSIP

Client	BELLWAY HOMES LTD (ESSEX)
Project Title	SHOEBURY GARRISON
Drawing Title	CUT & FILL LONGSECTIONS (SHEET 3 OF 3)
AO Scale	1:500
Date	08.06.22
Designed by	DSR
Drawn by	DSR
Checked by	MSL
Approved by	JEC
Drawing Number	2105160-143
Rev	P3