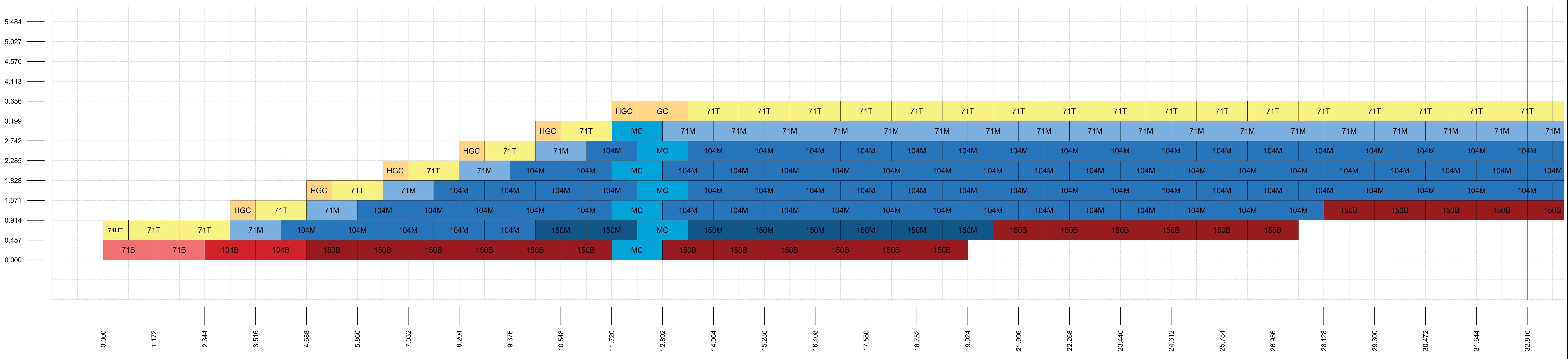

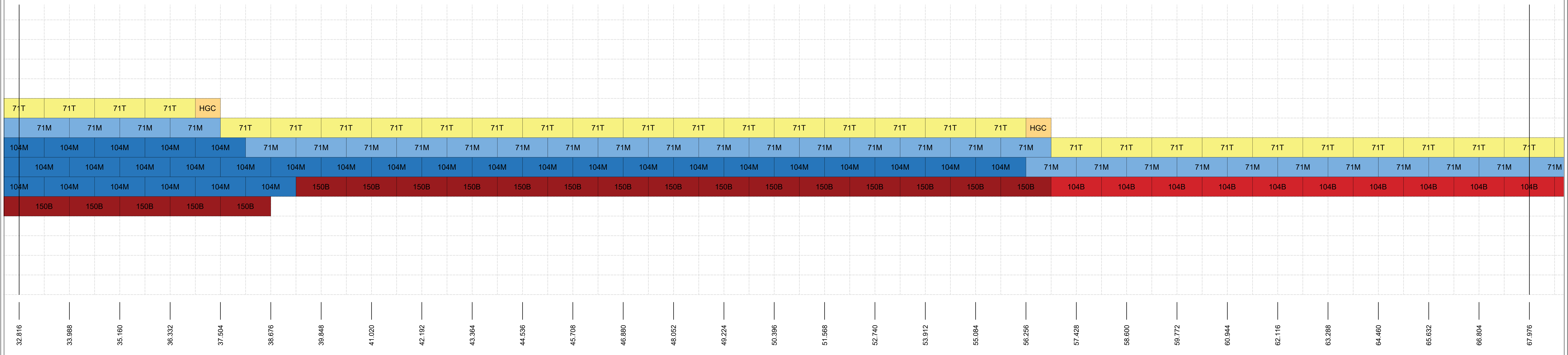

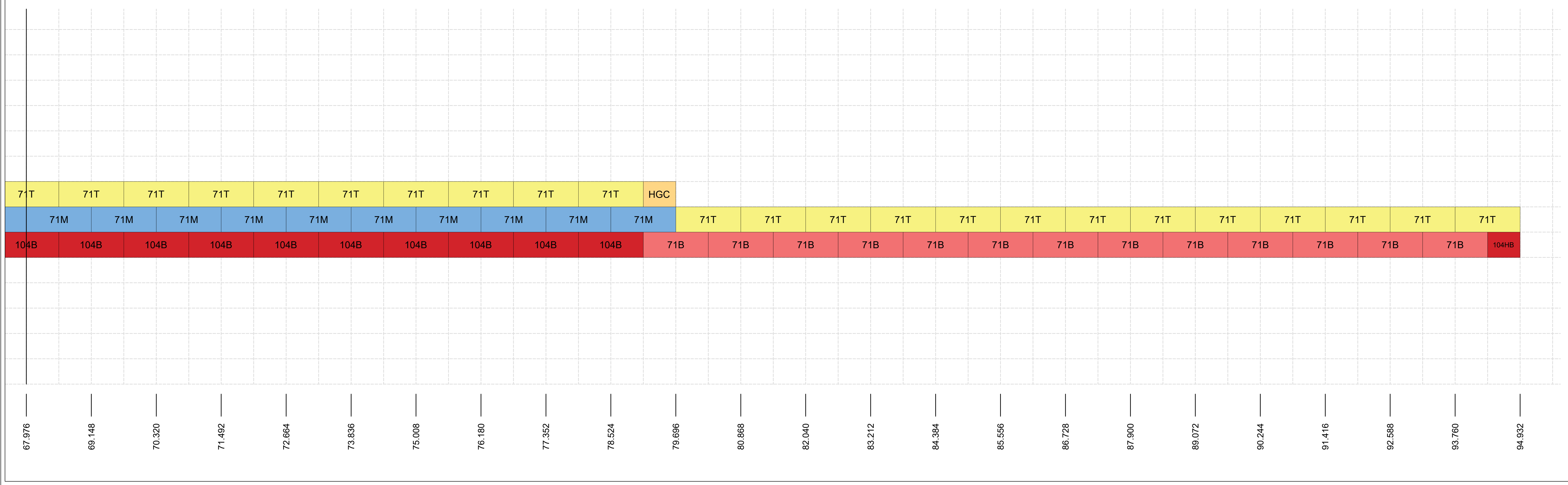

Block Data

Preview	Block Name	Count
104B	104B	21
104HB	104HB	1
104M	104M	110
150B	150B	42
150M	150M	8
71B	71B	15
71HT	71HT	1
71M	71M	62
71T	71T	75
GC	GC	1
HGC	HGC	9
MC	MC	7

GENERAL NOTES

- This drawing is not to be scaled, figured dimensions only to be used. Any discrepancy to be reported to Marshalls Civils & Drainage
- All dimensions are shown in millimetres
- All levels are shown in metres
- For installation details refer to the Redi-Rock Specification and Installation Manual
- Vertical joint gaps may be acceptable up to 12mm and may be adjusted to suit closing dimensions. It is recommended that the length of the wall is checked at regular intervals to assess accumulative tolerances
- Domes and blocks may require trimming to maintain alignment at external corners

LIFTING

ALL lifting operations should comply with the Lifting Operations and Lifting Regulations 1998, and the Provision and Use of Work Equipment Regulations 1998. The client/contractor will assume ALL responsibility for site lifting operations involving Marshalls Civils & Drainage products, including safe use and return of any lifting equipment supplied by Marshalls Civils & Drainage. Where available, the use of manufacturer installed lifting facilities is recommended.

Unit weights provided on Redi-Rock standard drawings RR/000000/23 to RR/000000/28.

ASSUMED SOIL PROPERTIES

- Bearing Strata: Undisturbed Native Ground

γ= Min. 18kN/m³
Φ'= Min. 30°
ABP= Min. 100 kN/m²

- Backfill: Well Compacted Class 6N

γ= Max. 20kN/m³
Φ'= Min. 38°

- Granular Foundation: Well Compacted Type 1

γ= Max. 21kN/m³
Φ'= Min. 39°

Natural ground to be battered back to a safe angle, as specified by the temporary works designer.

Well compacted class 6N backfill to provided a minimum angle of internal friction of 38°. Minimum angle of backfill material to allow an active wedge of Φ'=38° to be 45+Φ'/2, measured from the horizontal. This angle should be decreased where necessary to meet the safe angle of repose as specified by the temporary works designer.

ASSUMED IMPOSED LOADING

A maximum surcharge of 2.5 kN/m² has been considered behind the wall.

GROUND PROFILE BEHIND WALL

A maximum angle of 30° has been considered behind the wall.

The information presented was prepared by Marshalls for estimating and conceptual design purposes only. Marshalls assumes no responsibility for the use of this drawing for actual construction. Designs for Redi-Rock walls must be carried out by a suitability qualified engineer using the actual site conditions.

Marshalls does not assume any responsibility whatsoever regarding structural stability of any particular block or particular wall system. The role of Designer must be fulfiled by others.

Rev.	Revision Note	By	Chk	Date

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PREVIOUS VERSIONS OF THIS DRAWING SHOULD BE STAMPED SUPERSEDED OR DESTROYED

DO NOT SCALE THIS DRAWING - IF IN DOUBT ASK

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Client
Countryside Properties

Job Title
Bradford, Blue Hills Farm

Drawing Title
Marshalls Proposed Layout
Redi-Rock Retaining Wall

Status
Conceptual

Drawn	Checked	Scale	Date
KC	HT	1:50@A1	19.04.23

Drg. No.	Rev.
5856952 Layout -1	-