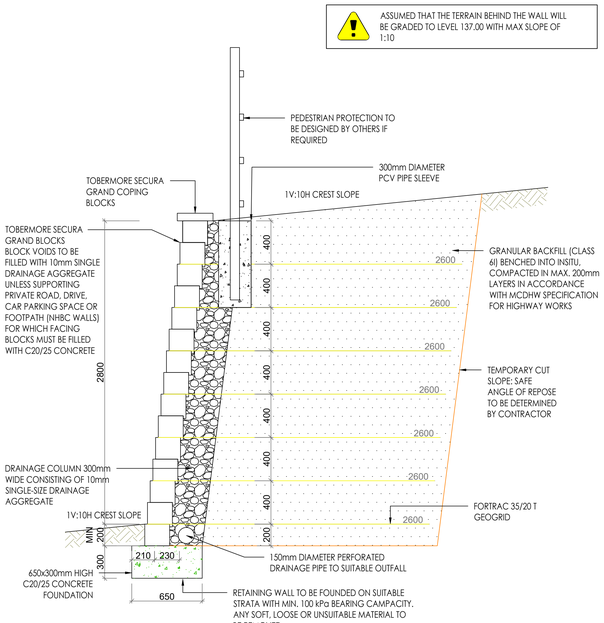
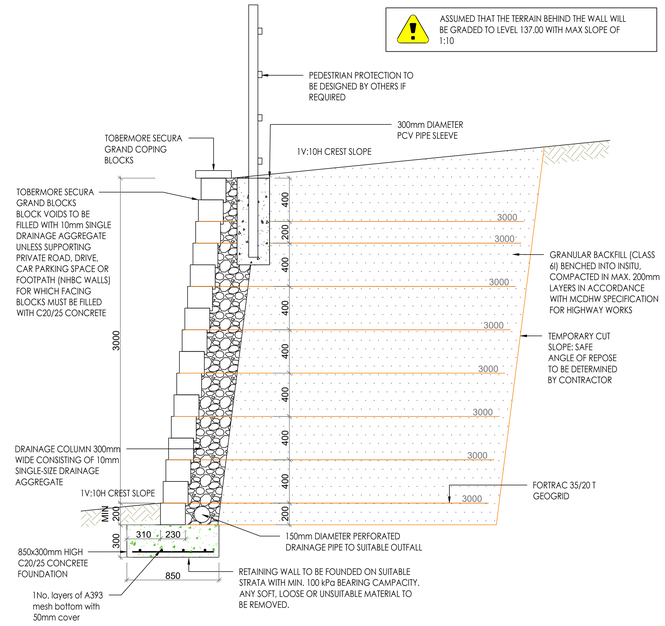


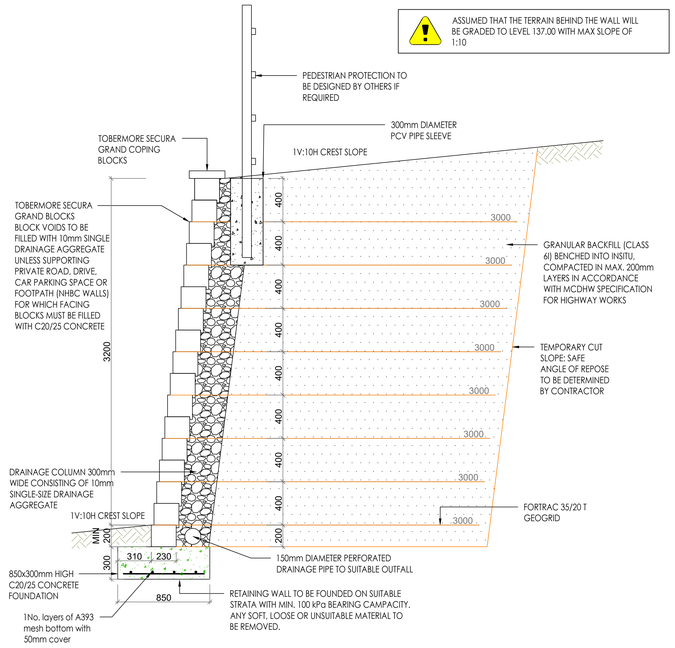
TYPICAL SECTION FOR WALL UP TO 2.80m RETAINED HEIGHT (SECTION J-J)

Scale 1:20



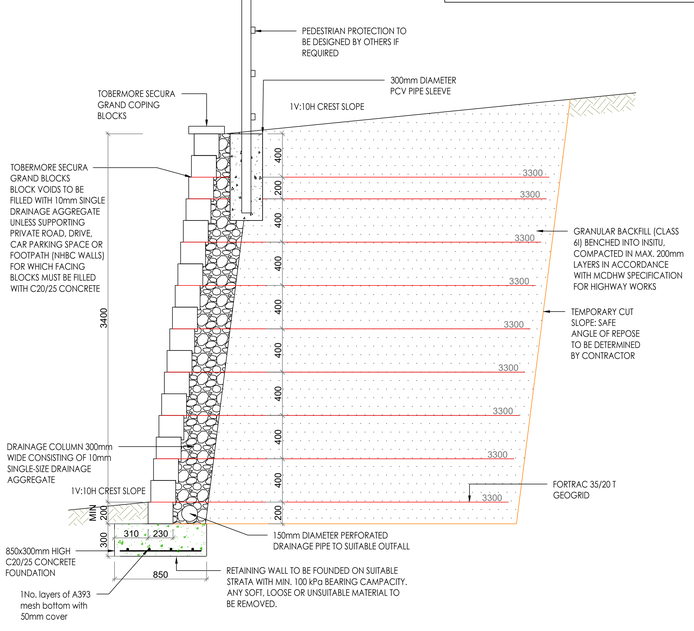
TYPICAL SECTION FOR WALL UP TO 3.00m RETAINED HEIGHT (SECTION K-K)

Scale 1:20



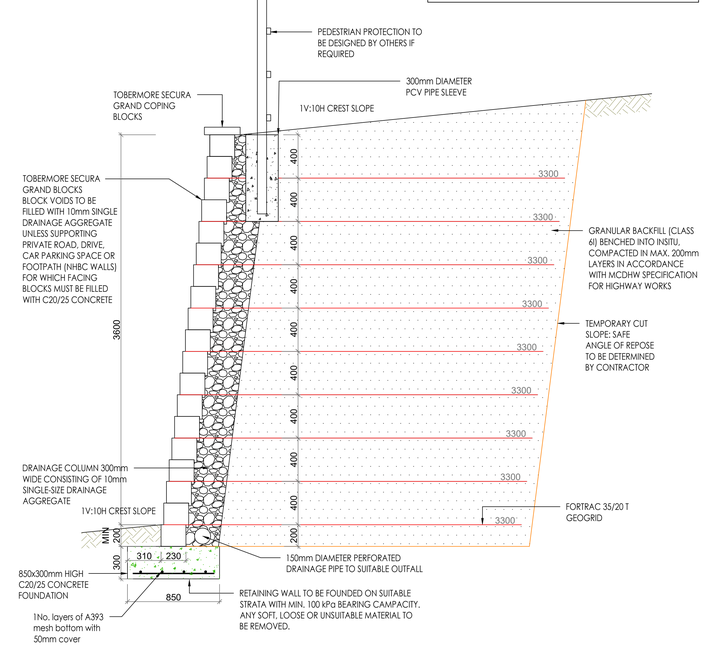
TYPICAL SECTION FOR WALL UP TO 3.20m RETAINED HEIGHT (SECTION L-L)

Scale 1:20



TYPICAL SECTION FOR WALL UP TO 3.40m RETAINED HEIGHT (SECTION M-M)

Scale 1:20



TYPICAL SECTION FOR WALL UP TO 3.60m RETAINED HEIGHT (SECTION N-N)

Scale 1:20

GENERAL NOTES:

This drawing is the property of Independent Design House and no reproduction or disclosure thereof may be made in whole or in part without written permission.

This drawing has been prepared from information supplied to us by our Client / the Contractor and where necessary through direct site measurement by IDH. All information within this drawing is subject to checking by our Client and the Contractor to ensure the requirements have been correctly interpreted. The Client & Contractor must satisfy themselves that all dimensions, setting out, component selection, bay sizes, lift heights, loadings, reactions, erection / striking sequences, access & egress etc., are as required and practicable.

Details and approach shown within this design are only relevant to this specific Project. Adopting details or approaches shown within this design to other applications, no matter how similar, can place you and other personnel at serious risk.

1. No alterations shall be made to the design without the approval of the IDH Design Office
2. Responsibility for and inspection and Certification of the erected equipment shall be that of the Erectors.
3. The arrangement of equipment shown on this drawing applies only to this specific application.
4. Read this drawing in conjunction with the quotation and the Terms and Conditions of Trading.
5. This drawing and the information it contains is the property of Independent Design House Ltd.

EXISTING STRUCTURE & FOUNDATIONS:

Our Client / the Contractor / Structural Engineer is to ensure that the existing structure, it's fabric and the ground will safely support the imposed loads unless identified by IDH.

No assessment has been made of the existing structure to determine whether it can safely support the indicated imposed loads as this is beyond our knowledge and remains the responsibility of our Client, the Contractor or Structural Engineer otherwise unless identified by IDH.

Our Client or the Contractor must prepare all foundations and enabling works to line and level as indicated in this drawing prior to erection. No excavations are to occur in the proximity of the erected structure without prior consent of IDH.

ALTERATIONS & CHANGES:

No alterations or change of use without prior written confirmation from IDH. Client to inform IDH immediately of any inaccuracies within this design, changes to site conditions or changes to scope.

The Client / Contractor must verify all site dimensions and notify of any discrepancies prior to erection.

PERMITS AND PERMISSIONS:

The Client / Contractor must obtain all permits and permissions prior to erection.

CONSTRUCTION NOTES:

1. Drawings are not to be scaled.
2. All making good by Contractor.

RESIDUAL RISK NOTES:

It is not the policy of IDH to prepare specific Designer Risk Assessments as design risks are identified within the drawing. Where risks cannot be eliminated and inherently reside within the scheme they are classified as 'Residual Risks' and will be identified with a ⚠ warning triangle:

⚠ IF IN DOUBT ASK ⚠

ANY ENCOUNTERED WATER IS TO BE SUMPED AND PUMPED FROM ALL EXCAVATIONS. NO STANDING WATER IN THE BASE OF EXCAVATION IS ALLOWED

ALL SERVICES IN VICINITY OF PENETRATIONS TO BE REMOVED OR ISOLATED PRIOR TO ANY WORKS BEING UNDERTAKEN

ALL DIMENSIONS TO BE CONFIRMED ON SITE AND ANY DISCREPANCIES TO BE ADVISED TO THE DESIGNER

ENSURE PRINCIPLE REINFORCEMENT DIRECTION OF GEOGRID IS PERPENDICULAR TO WALL FACE

THESE DRAWINGS AND THE ACCOMPANYING DESIGN DOCUMENTATION SHOULD BE THOROUGHLY CHECKED BY THE CLIENT'S CONSULTING ENGINEER. ANY APPARENT ERRORS, OMISSIONS OR VARIATIONS SHOULD BE REPORTED IMMEDIATELY TO IDH. CONSTRUCTION OF THESE WALLS SHALL NOT COMMENCE UNLESS AND UNTIL THE CLIENT/CLIENTS CONSULTING ENGINEER HAS CONSIDERED THE IDH DESIGN SUBMISSION DOCUMENT TO ENSURE THAT THERE ARE NO ERRORS, OMISSIONS OR CONFLICT WITH THE SCHEME DESIGN.

CUSTOMER TO REVIEW ALL LEVELS INFORMATION IS CORRECT TO MOST UP TO DATE SITE LAYOUT PLAN

CONCRETE TO BE MIN C20/25 GRADE (FOR LEVELING PAD)

GENERAL INSTALLATION SEQUENCE FOR GRANULAR BACKFILL

1. SETTING OUT & EXCAVATE TO FORM TRENCH FOR THE FOUNDATION.
ANY SOFT, LOOSE OR UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED WITH COMPACTED GRANULAR MATERIAL.
2. POUR THE FOUNDATION USING C20/25 CONCRETE
3. INSTALL THE BASE COURSE
THE TOP OF THE BASE COURSE WHEN INSTALLED MUST NOT BE HIGHER THAN THE FINISHED GROUND LEVEL.
4. LAY DRAINAGE PIPE 150MM BEHIND BASE COURSE
5. BACKFILL THE DRAINAGE MATERIAL
6 INSTALL THE GEOGRID
ENSURE THE PRINCIPAL REINFORCEMENT DIRECTION OF THE GEOGRID IS PERPENDICULAR TO THE WALL.
7. BACKFILL THE REINFORCED ZONE
8. LAY FURTHER BLOCK COURSES TO NEXT GEOGRID LAYER
BACKFILL THE DRAINAGE COLUMN AND BACKFILL MATERIAL. THE BACKFILL MATERIAL (ONLY) IS TO BE COMPACTED IN MAX. 200MM LAYERS
9. COMPLETE THE WALL BY REPEATING STEP 8 UNTIL FULL WALL HEIGHT IS REACHED. INSTALL COPING STONES

REFER TO 'TOBERMORE SECURA GRAND INSTALLATION' INSTRUCTIONS FOR FURTHER DETAILS

REV	DATE	DESCRIPTION	DRN	CHK

For Approval

CLIENT: BUILT DEVELOPMENTS

PROJECT: BURY OLD ROAD

DRG TITLE: TOBERMORE RETAINING WALL DESIGN SECTIONS PART 2

Independent Design House

PL OFFICE
Tel: +48 12 312 52 27
info@idh-design.co.uk
www.idh-design.com

UK OFFICE
Tel: +44 (0)1622 690410
info@idh-design.co.uk
www.idh-design.co.uk

BAHRAIN OFFICE
Tel: +973 170 40 175
info@idh-design.com
www.idh-design.com

DRG NO	REV	SCALE	DRN	DATE
11039-02.4	P0	As shown@A0	WR	20/06/26
			CHK: MS	DATE 20/06/26