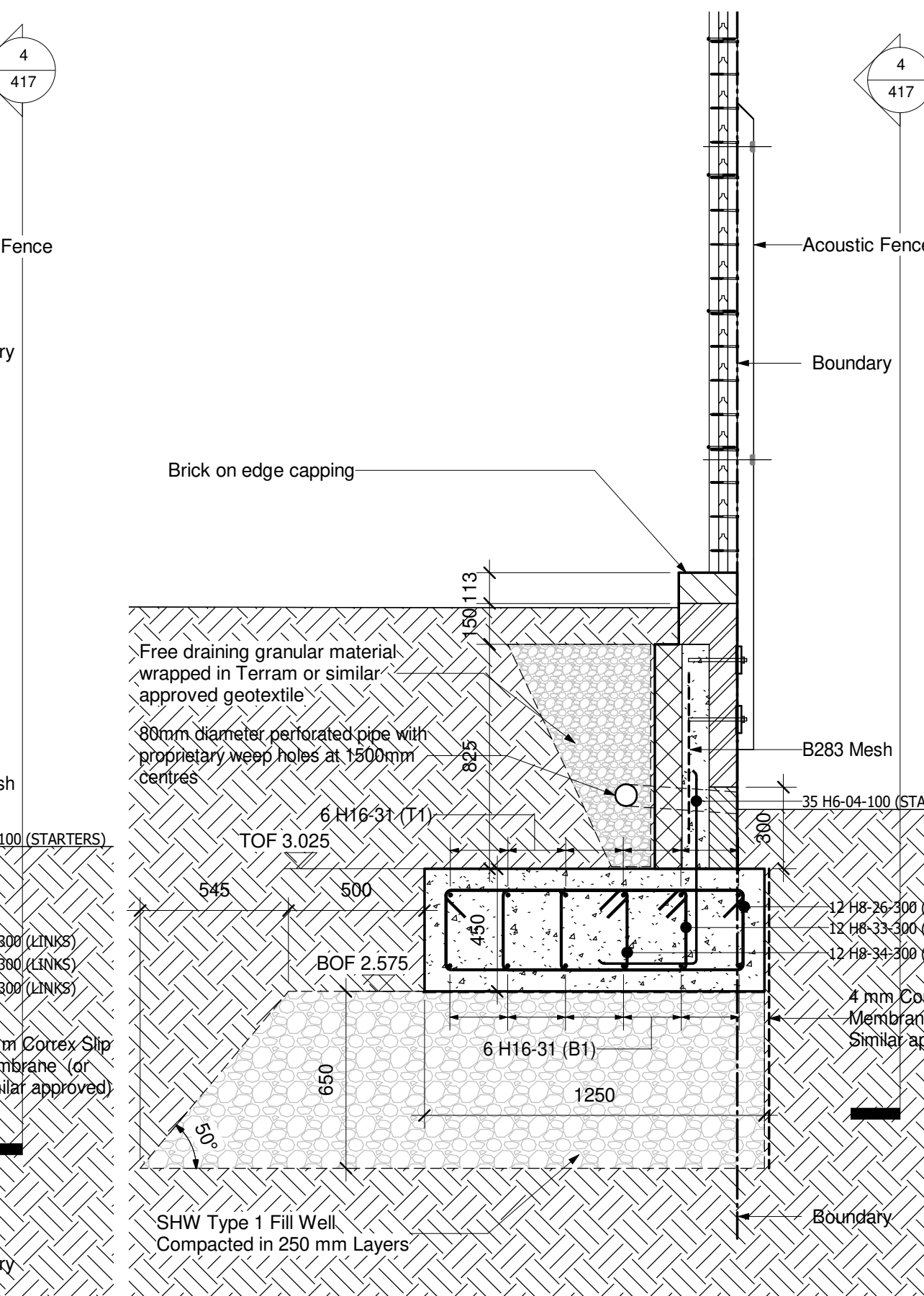
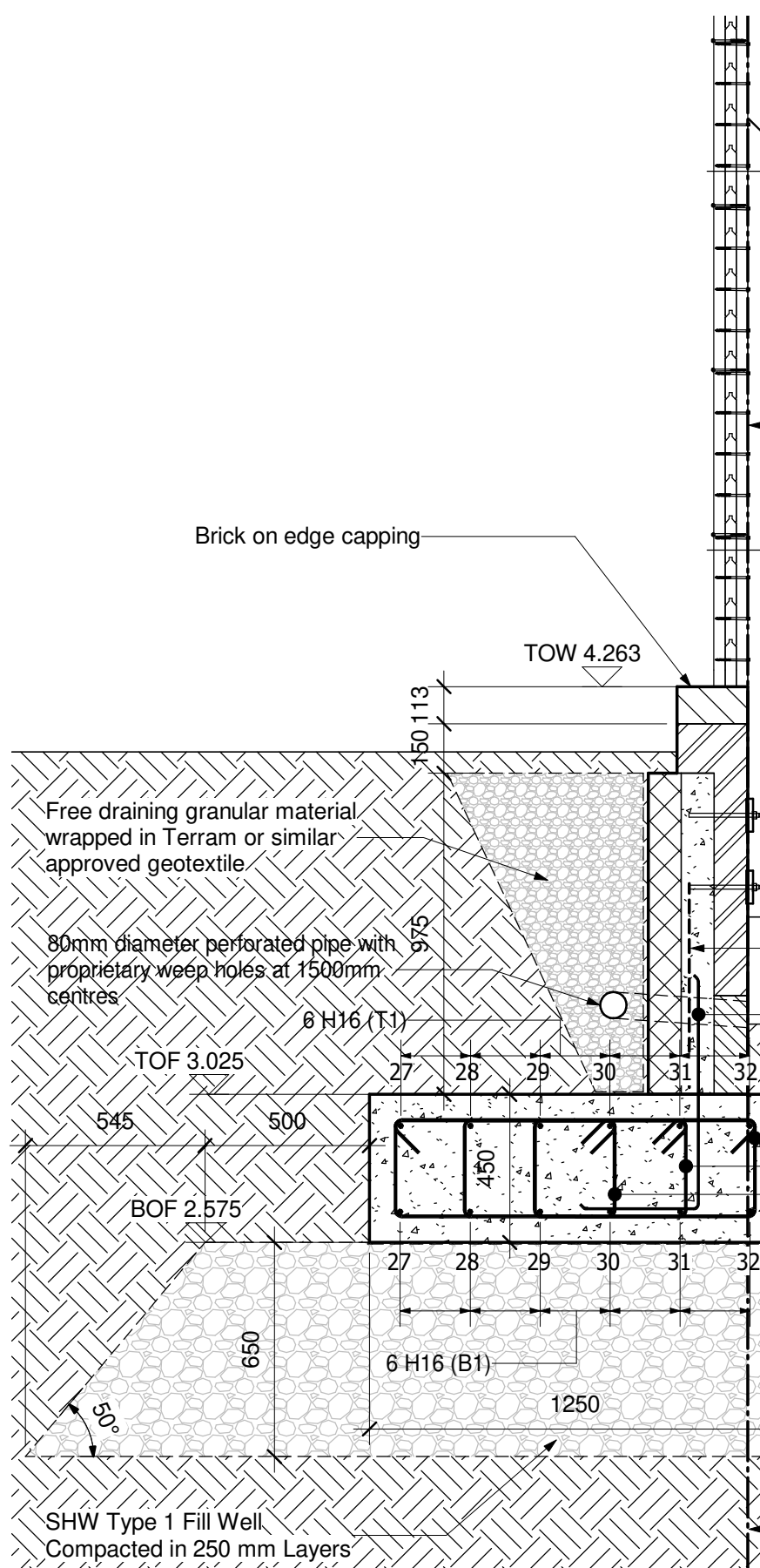
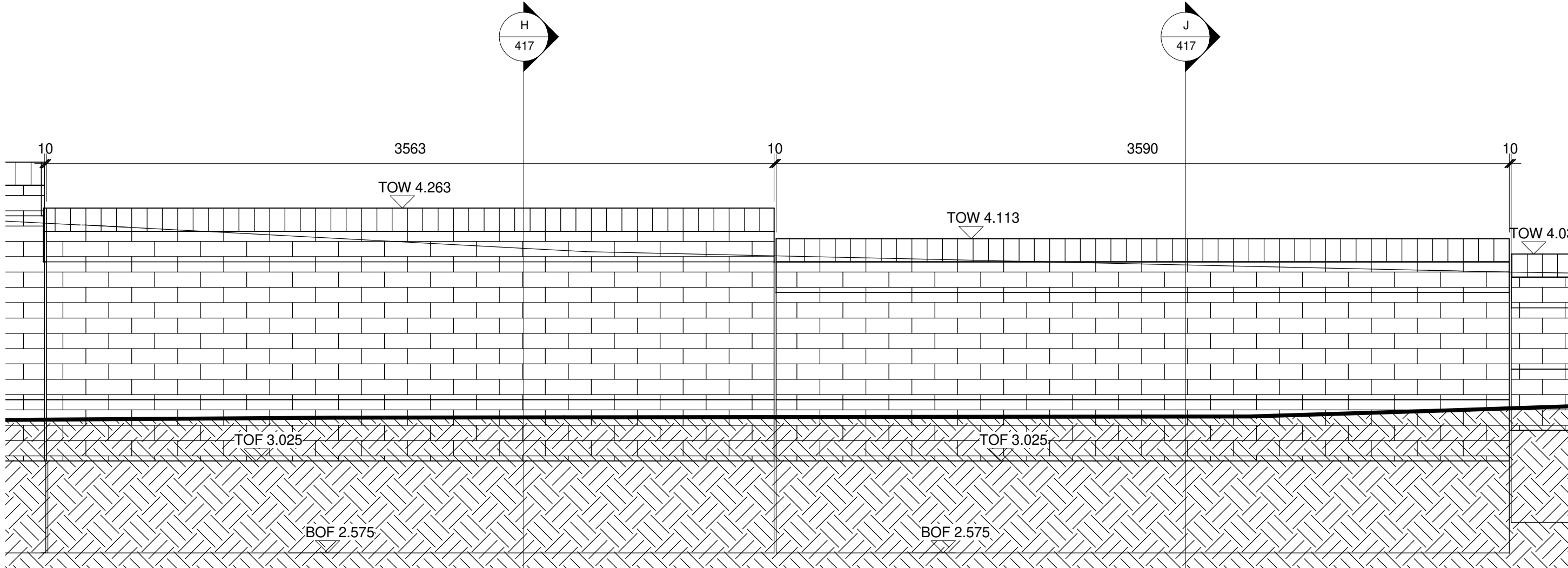
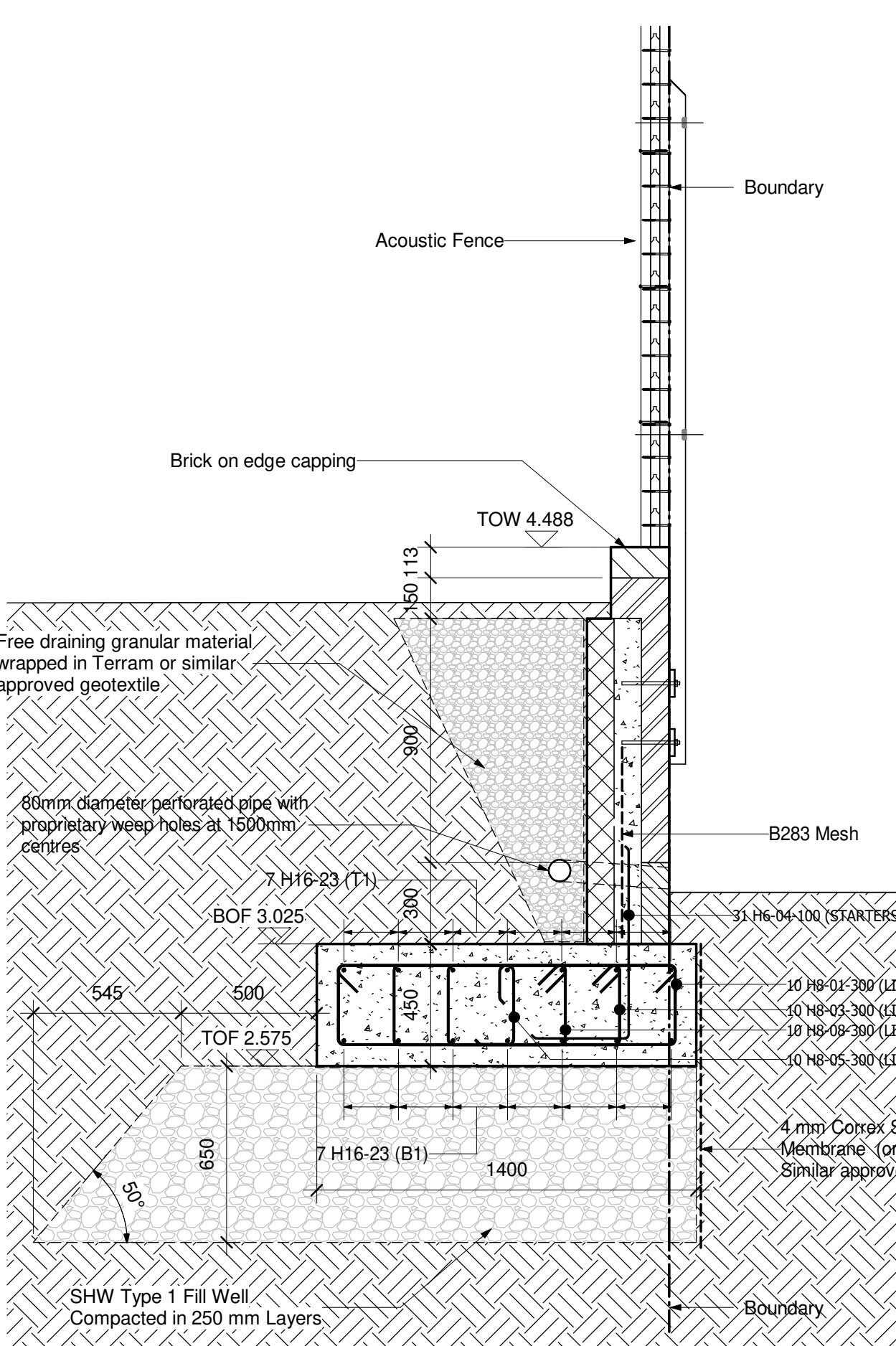
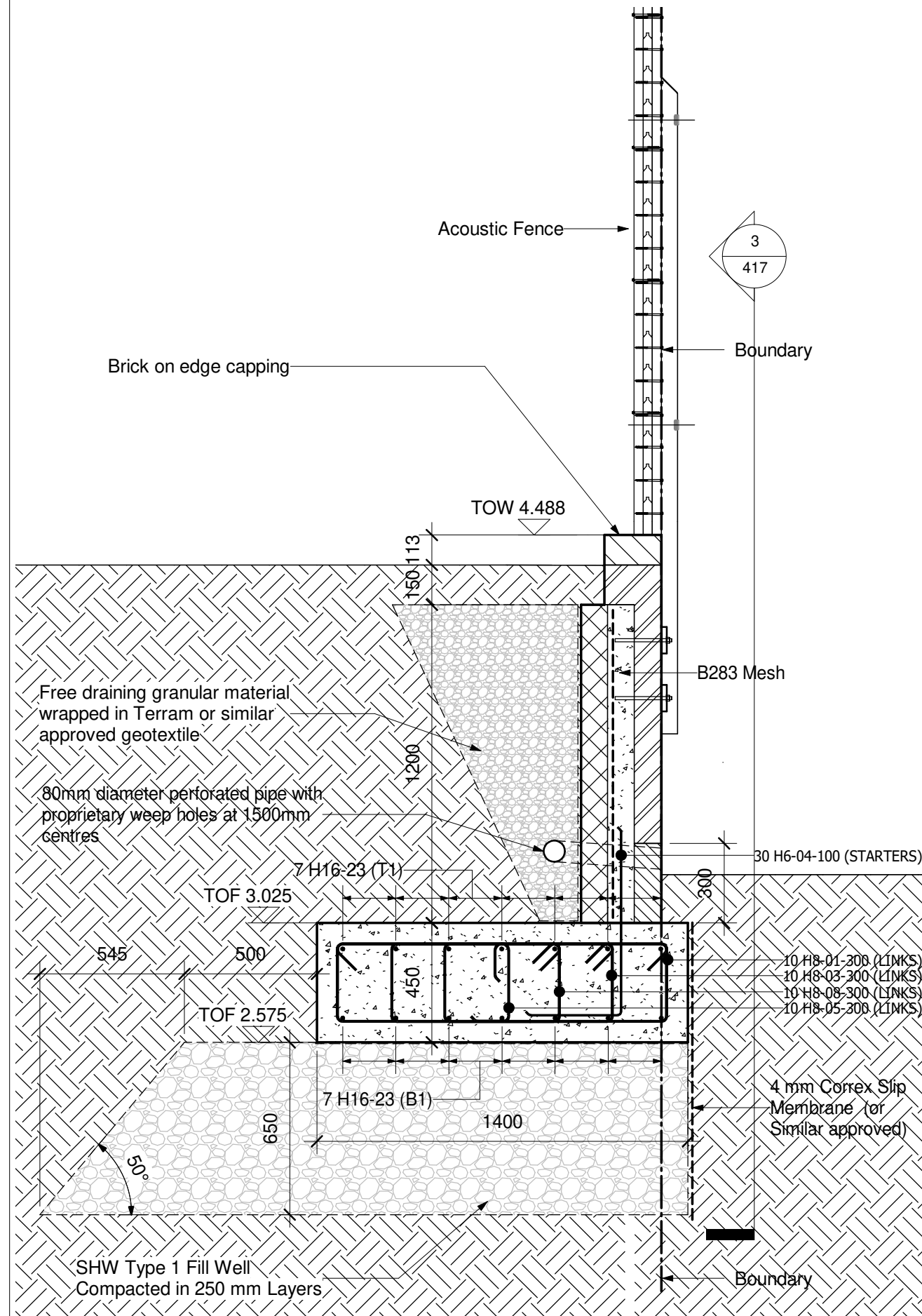
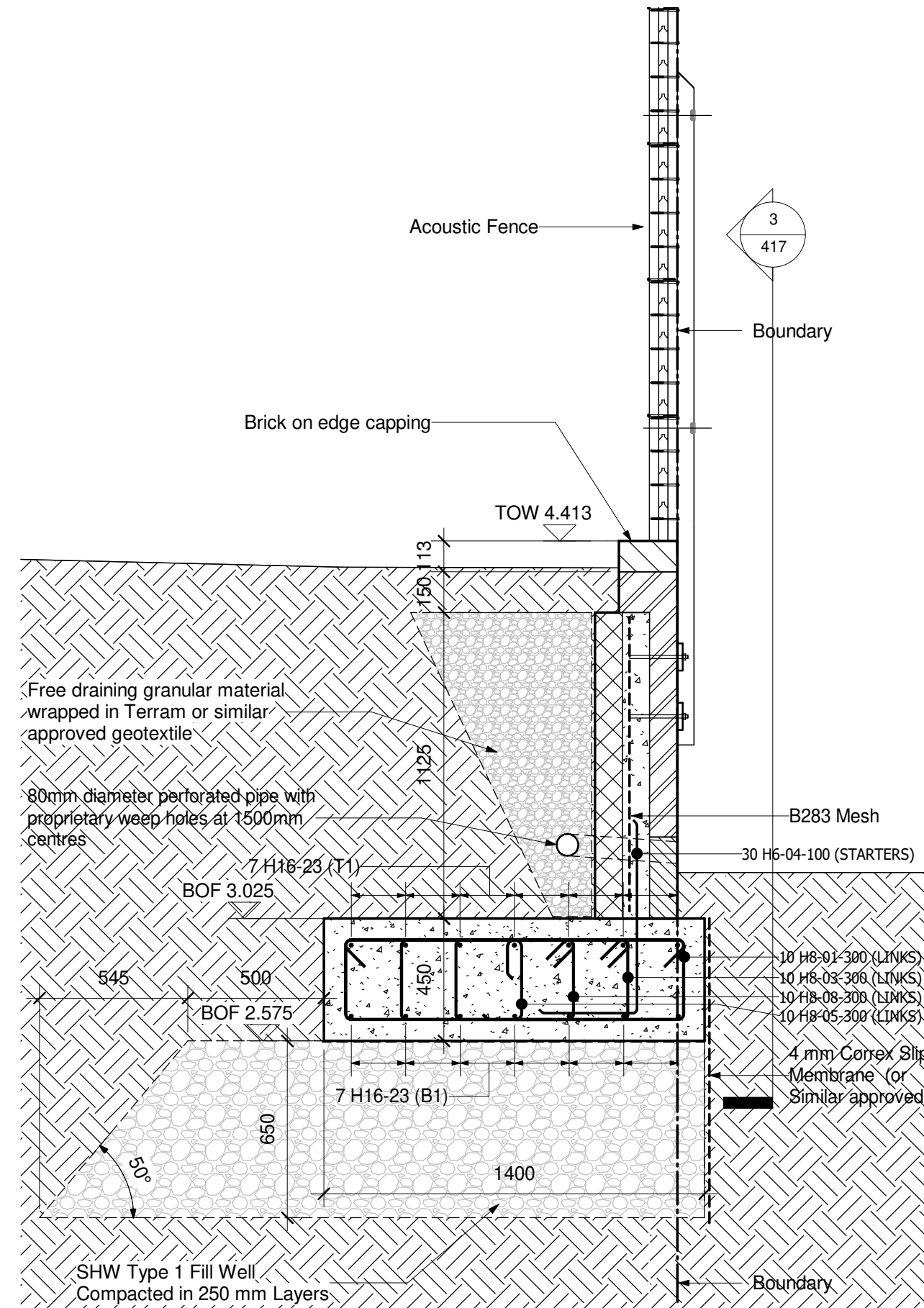
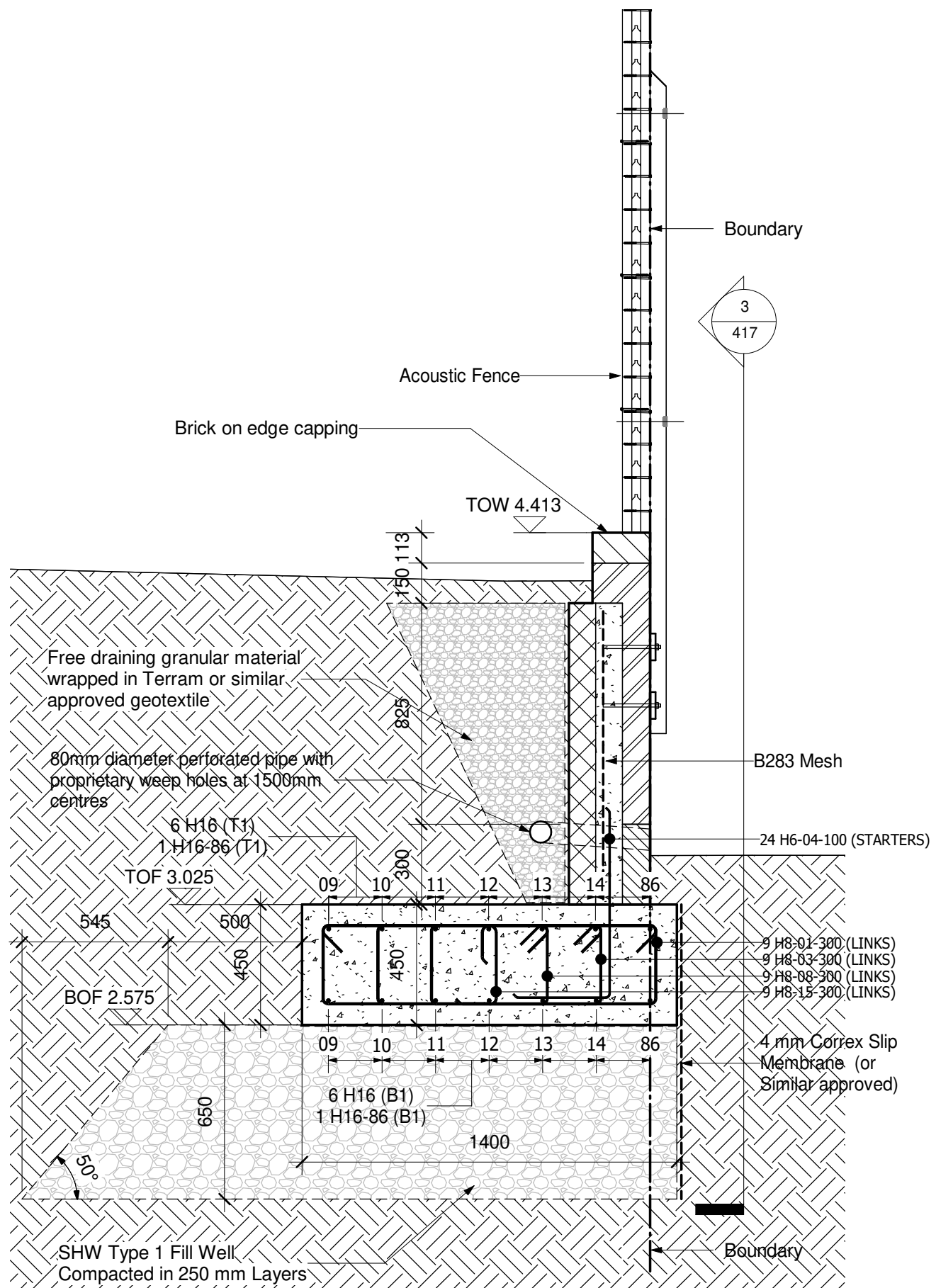
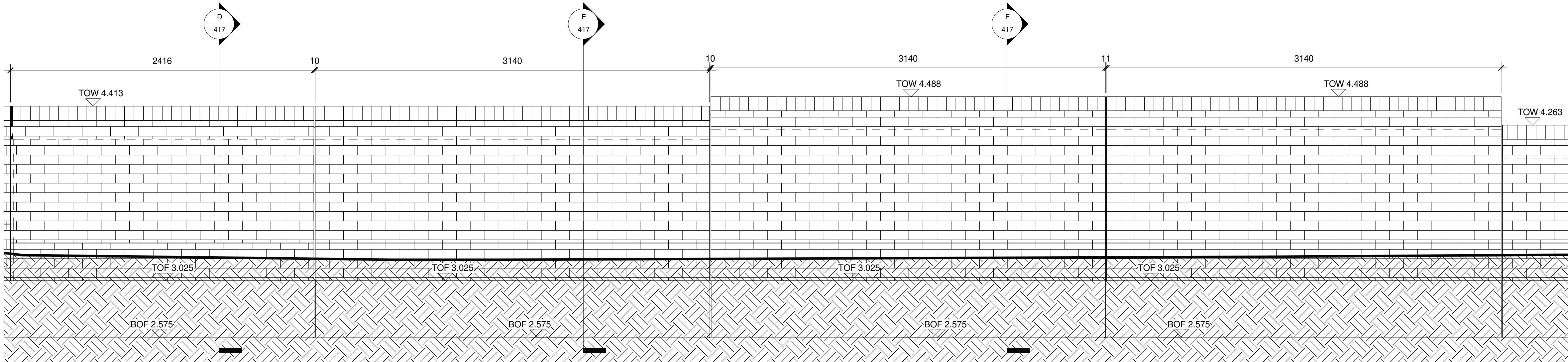
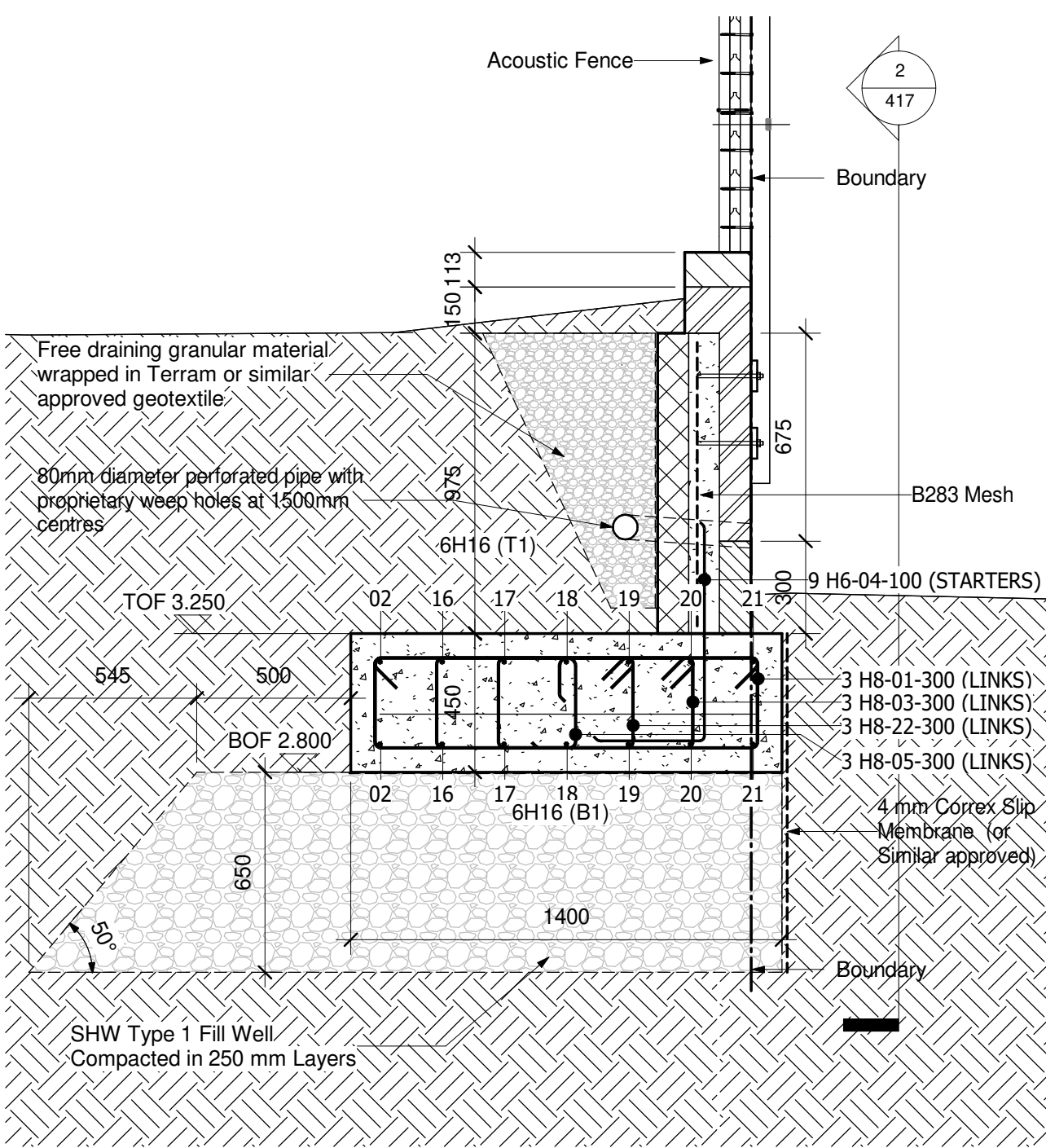
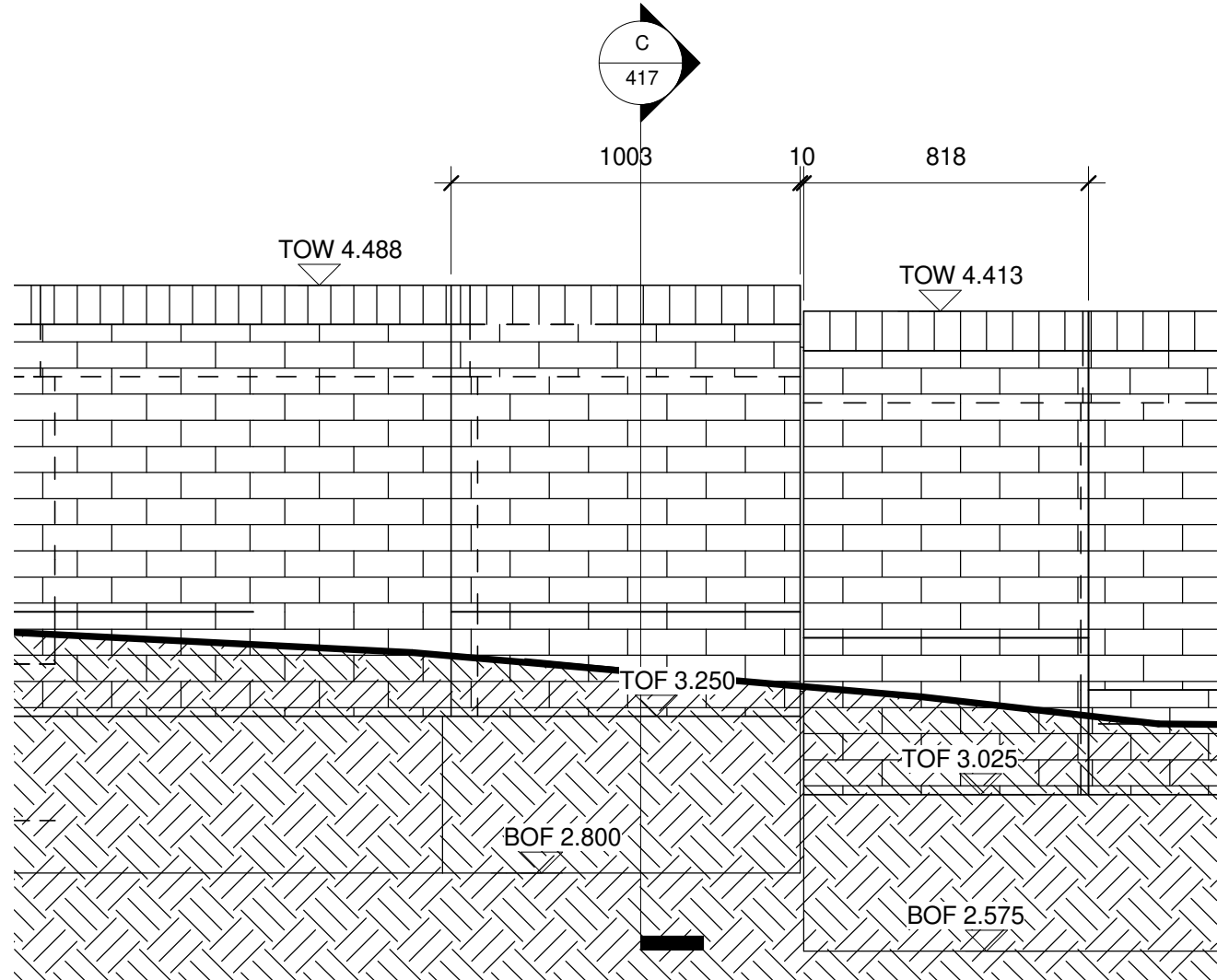
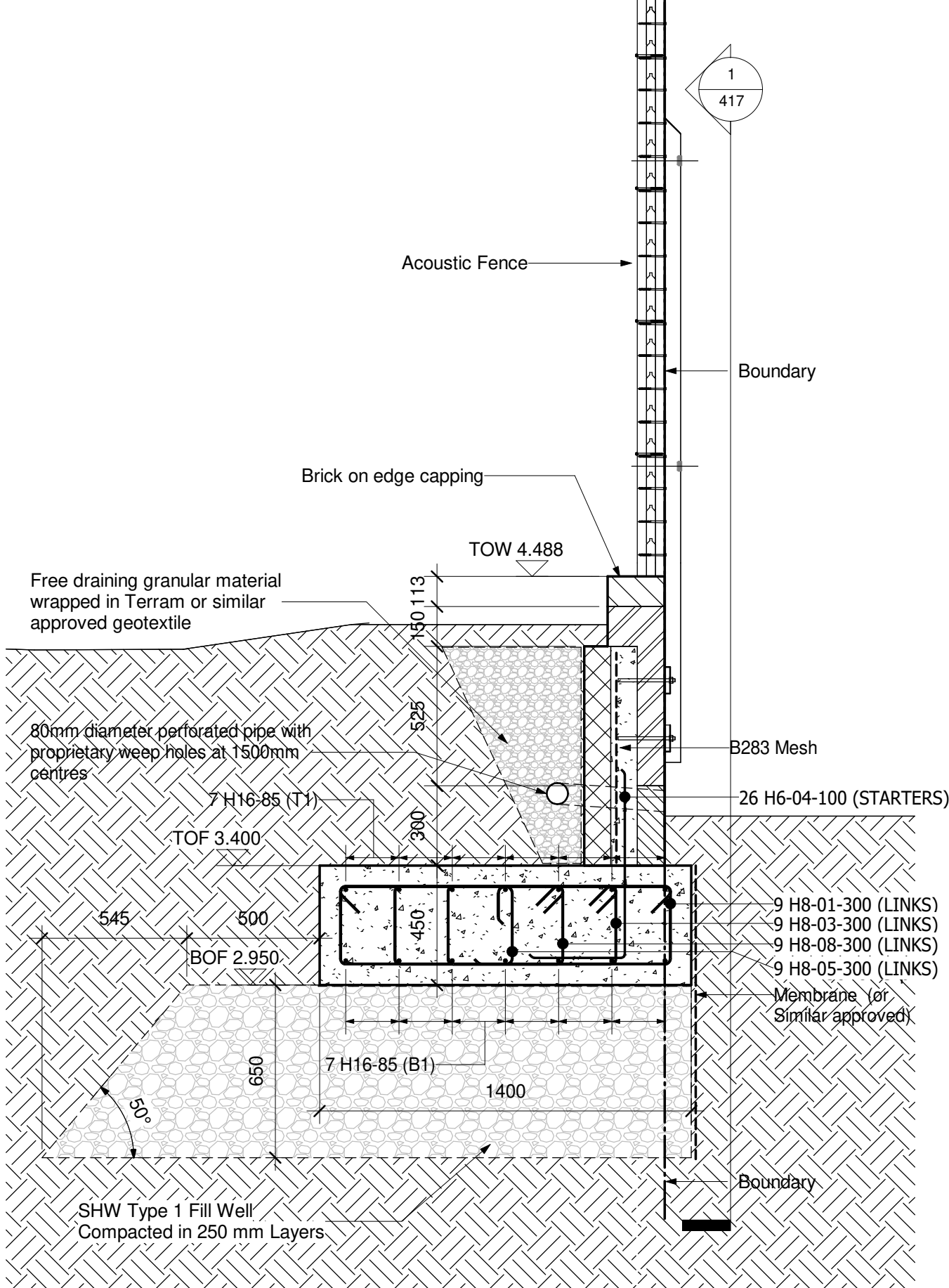
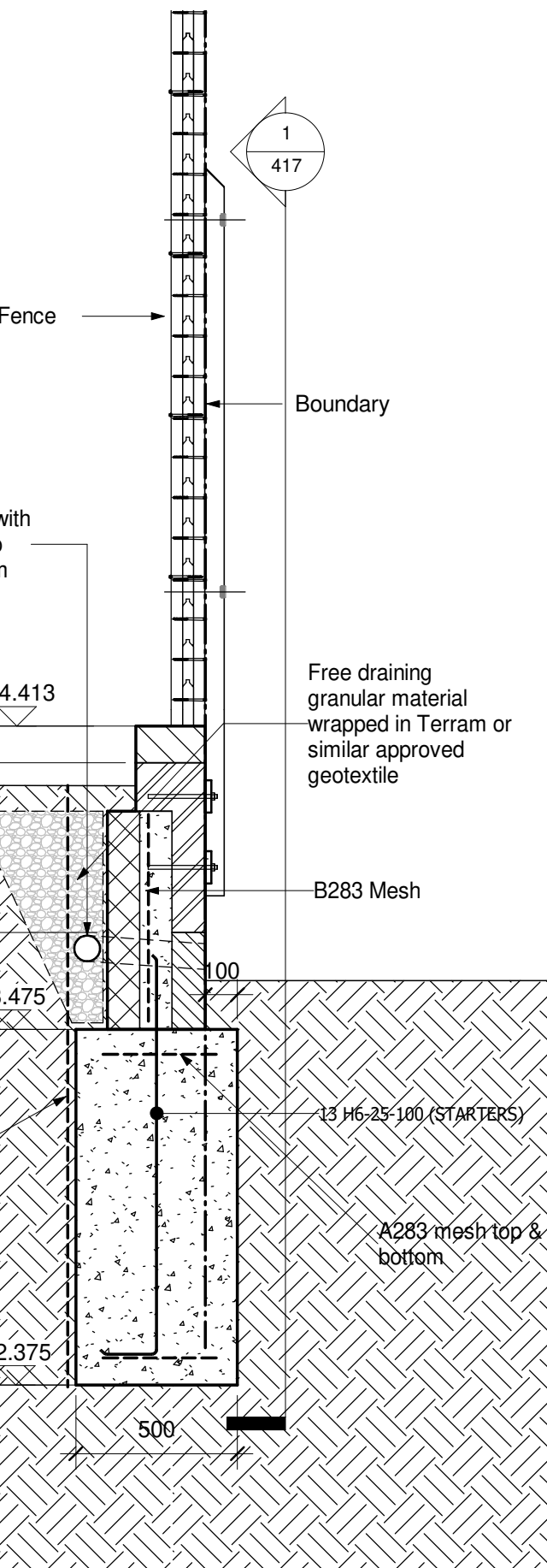
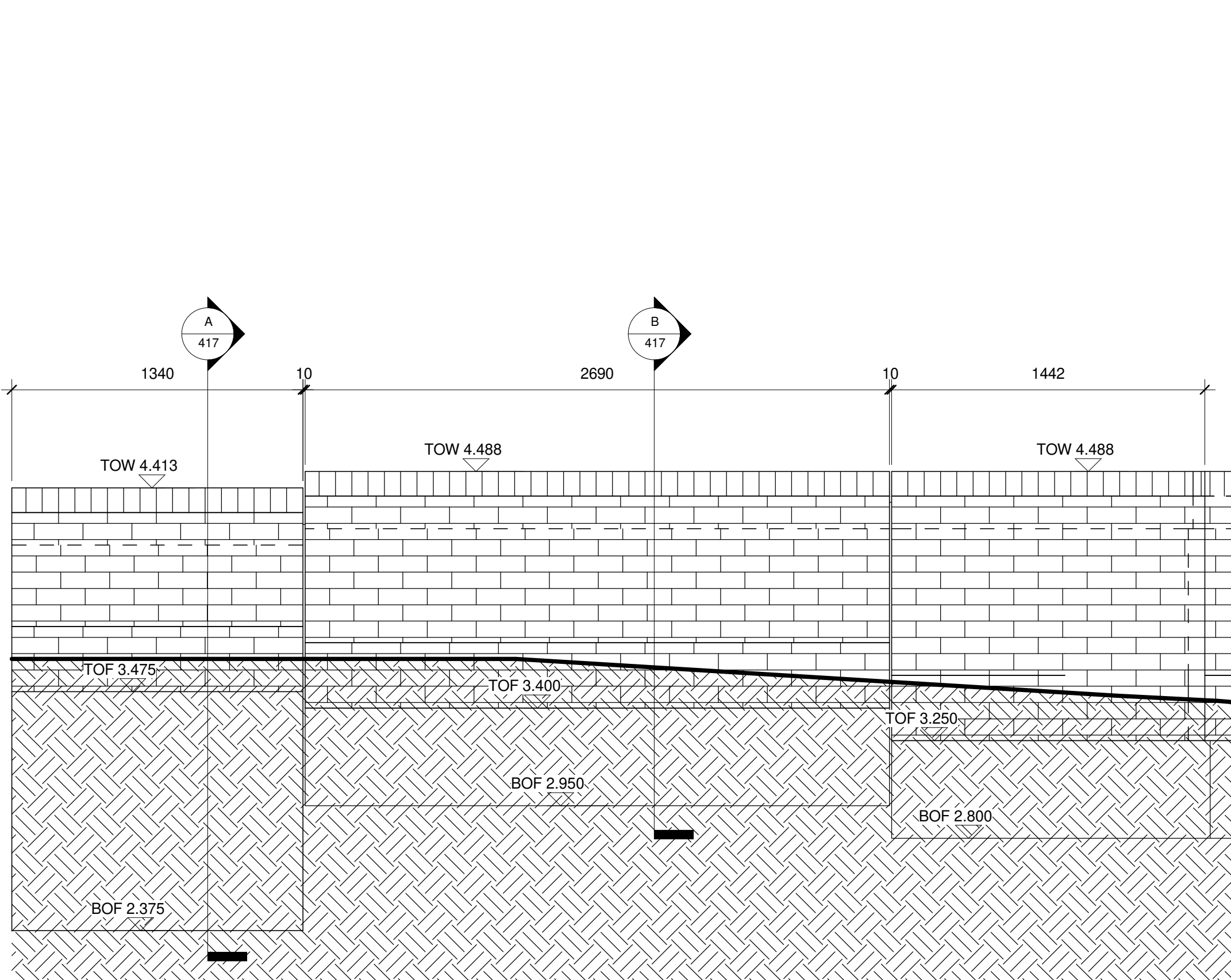


Optimal Structural Engineers Ltd



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Responsibility cannot be accepted for alteration and/or deviation from this design without prior acknowledgement of Optimal Structural Engineers Ltd.
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Prior to any works commencing on site, The Engineer is to be contacted regarding the current status, revision or regulatory approval of this drawing.
All work to be to the entire satisfaction of the NHC or Local Authority not withstanding anything shown or indicated on these drawings.
WARNING TO HOUSE PURCHASERS PROPERTY MISDESCRIPTORS ACT 1981
Buyers are warned that this is a working drawing and is not intended to be treated as a contract. It is a warning that in relation to any particular property or development, any of the specified matters prescribed by the order made under the above act. The contents of this drawing may be subject to change at any time and alterations and variations can occur during the process of works without revision of the drawing. Consequently the layout, form, content and dimensions of the finished construction may differ materially from those shown. Nor do the contents of this drawing constitute a contract, part of any contract or warranty.

Notes
DIMENSIONS:
USE FIGURED DIMENSIONS ONLY. DO NOT SCALE. WHERE DIMENSIONS RELATE TO EXISTING WORK THEY SHALL BE CHECKED ON SITE BY THE CONTRACTOR.
CROSS-REFERENCES:
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS, SCHEDULES AND SPECIFICATIONS.
DISCREPANCIES:
THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY DISCREPANCY FOUND IN RELEVANT DOCUMENTS.
EXISTING WORK:
THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF EXISTING STRUCTURES, SERVICES AND EARTHWORKS ON AND ADJACENT TO THE SITE.
DESIGN STANDARDS:
MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE FOLLOWING EUROCODES AND THEIR UK NATIONAL ANNEXES AS APPROPRIATE:
BS EN 1992 DESIGN OF CONCRETE STRUCTURES
BS EN 1993 DESIGN OF STEEL STRUCTURES
BS EN 1995 DESIGN OF TIMBER STRUCTURES
BS EN 1996 DESIGN OF MASONRY STRUCTURES
BS EN 1997 DESIGN OF FOUNDATIONS
REINFORCEMENT FOR CONCRETE:
GRADE S420 DEFORMED HOT ROLLED OR COLD WORKED BARS TO BS 4449 OR BS 4449 PRESTRESSED 'Y' ON DRAWINGS AND ON DELIVERY TAGS.
FABRIC: TO BS 4483 PREPARED WITH BS REFERENCE ON DRAWINGS OR BS 4483 PREPARED 'Y' ON DRAWINGS AND ON DELIVERY TAGS.
REINFORCEMENT IS SCHEDULED IN ACCORDANCE WITH BS 8668: 2005
CONCRETE:
ALL CONCRETE TO COMPLY WITH THE REQUIREMENTS OF BS 8500:2006 AT 20°C
ALL BELOW GROUND CONCRETE TO BE DESIGN CLASS C30/37 TO BS 8500:2006 AT 20°C
FOUNDATION CONCRETE TO BE R25/30, AGGREGATE SIZE 20mm
MINIMUM CEMENT CONTENT: 280kg/m³ MAXIMUM FREE WATER/CEMENT RATIO 0.45. CONCRETE TO BE MECHANICALLY VIBRATED.
PLASTICISERS SHOULD ONLY BE USED WITH THE WRITTEN PERMISSION OF THE ENGINEER.

CONCRETE COVER:	
LOCATION:	COVER:
TOP	75 mm
BOTTOM	75 mm
SIDES	75 mm

Rev.	Amended for Revised Offsite Levels	Description	Drn	Chk	Date
B					02.02.21
A					20.01.21
Initial Issue					22.09.20

Client
PERSIMMON
Together, we make a home

Project
**PHASE 2
LITTLEHAMPTON
WEST SUSSEX**

Drawing Title
**SOUTHERN BOUNDARY
RETAINING WALL SHEET 2**

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W: www.optimalengineers.co.uk

Status	PRELIMINARY
Date	OCTOBER 2017
Scale	As indicated
Drawn by	TZ
Checked	TZ
Client's Ref.	445
Project Ref.	OP1314
Drawing Number	Revision
OP1314/417	B