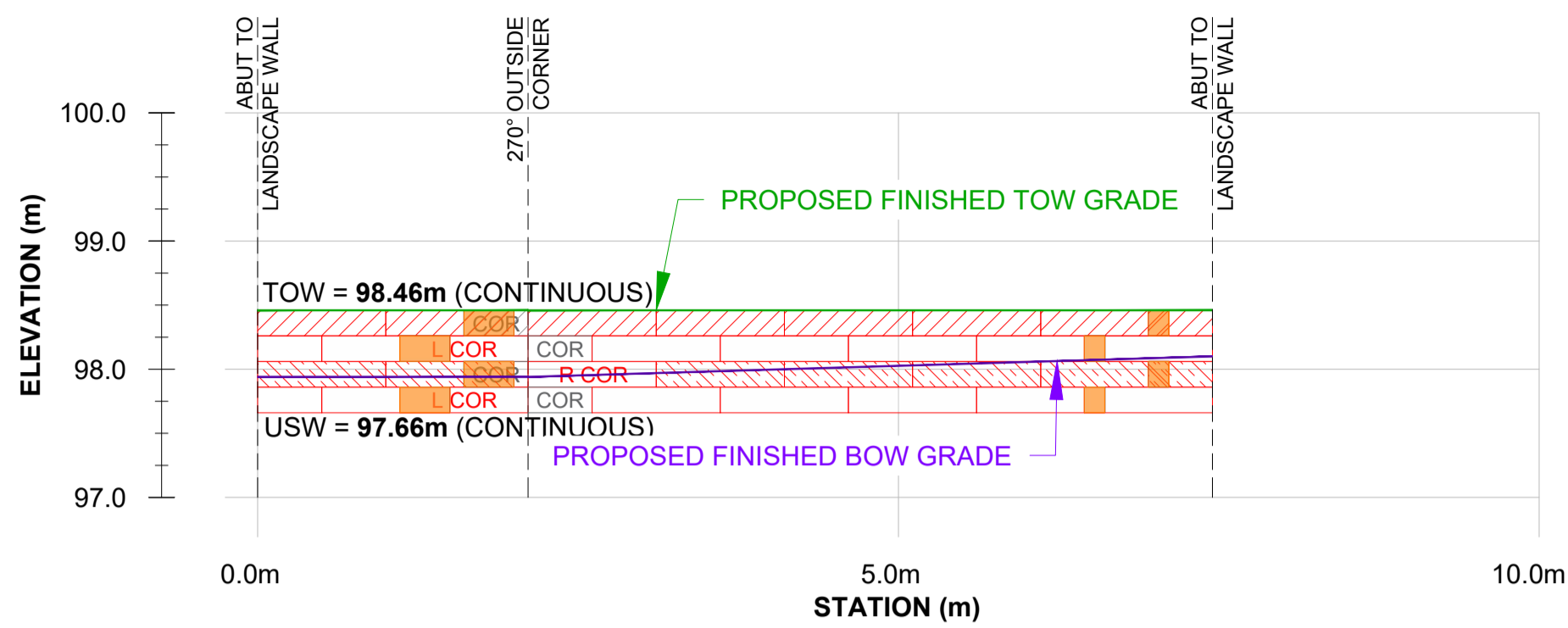






# PROFILE VIEW (GR5):

SCALE 1:50



## BLOCK COUNT GR5:

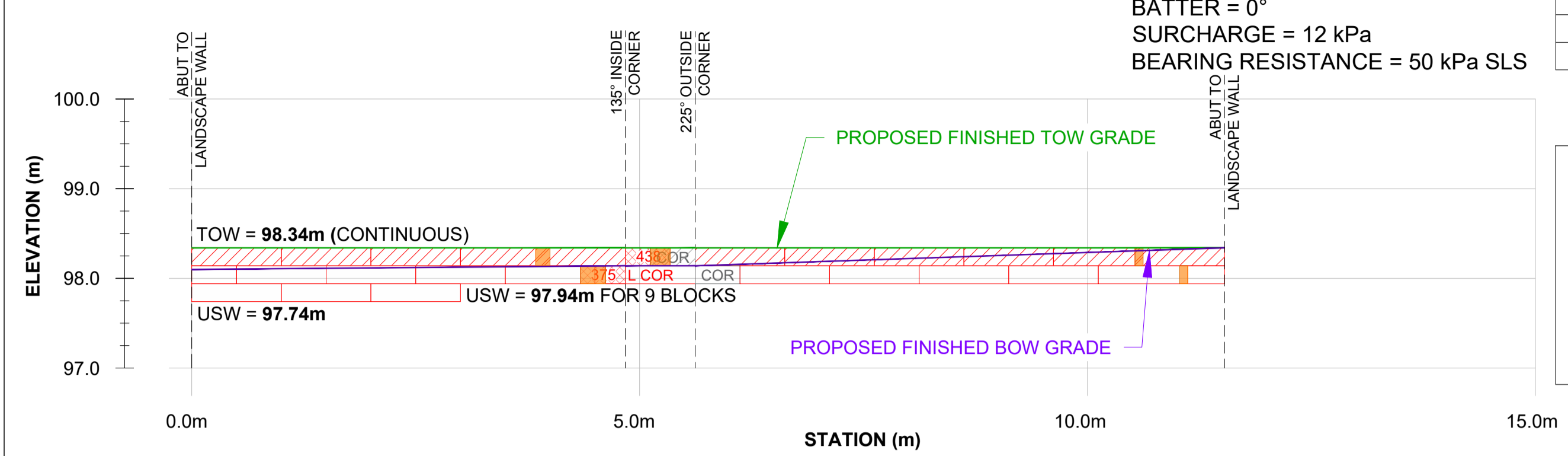
Item	Count
375	13
438 CAP	8
750	7
LEFT CORNER	2
RIGHT CORNER	1

## WALL DETAILS

AREA = ± 6.0 m<sup>2</sup>  
 LENGTH = ± 7.5 m  
 BATTER = 0°  
 SURCHARGE = 12 kPa  
 BEARING RESISTANCE = 50 kPa SLS

# PROFILE VIEW (GR6):

SCALE 1:50



## WALL DETAILS

AREA = ± 5.2 m<sup>2</sup>  
 LENGTH = ± 11.5 m  
 BATTER = 0°  
 SURCHARGE = 12 kPa  
 BEARING RESISTANCE = 50 kPa SLS

## BLOCK COUNT GR6:

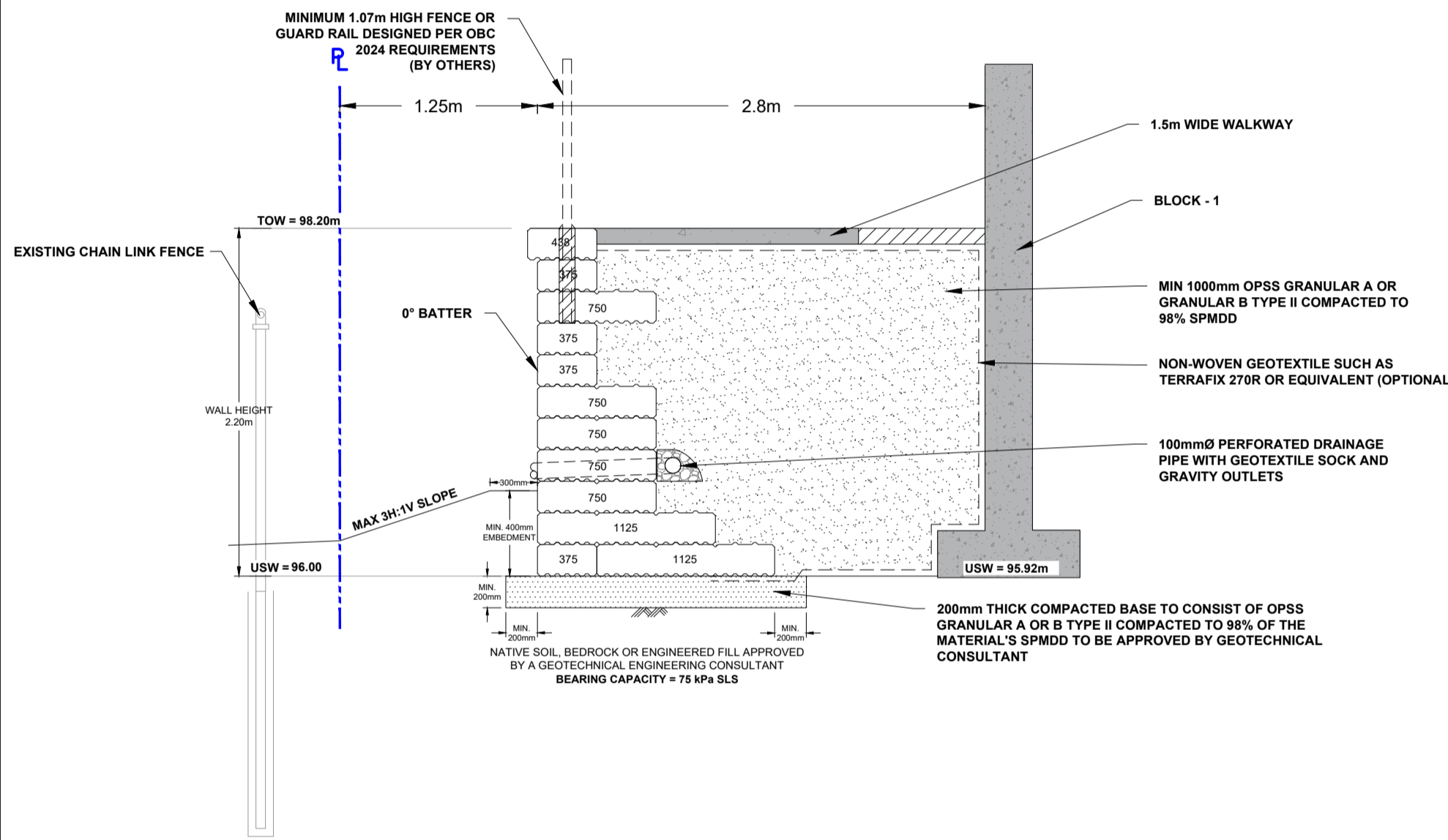
Item	Count
375	14
438 CAP	12
LEFT CORNER	1

## BLOCK LEGEND:

	438	
	375	
	L COR	LEFT CORNER
	R COR	RIGHT CORNER
	438	FULL BLOCK HIDDEN
		BLOCK TO BE CUT

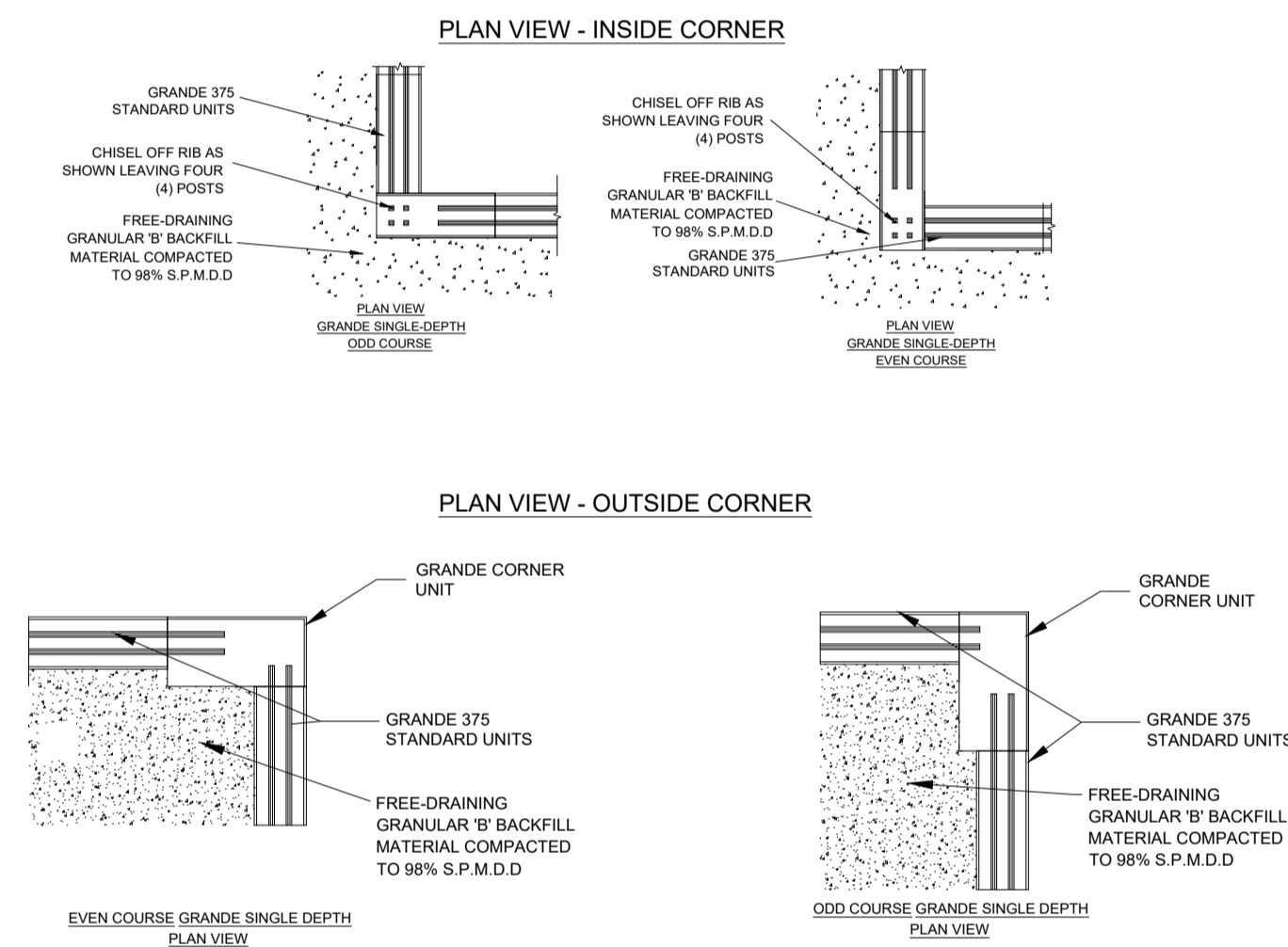
# CROSS SECTION B-B:

SCALE 1:35



# DETAIL 3 - 90°/270° CORNERS:

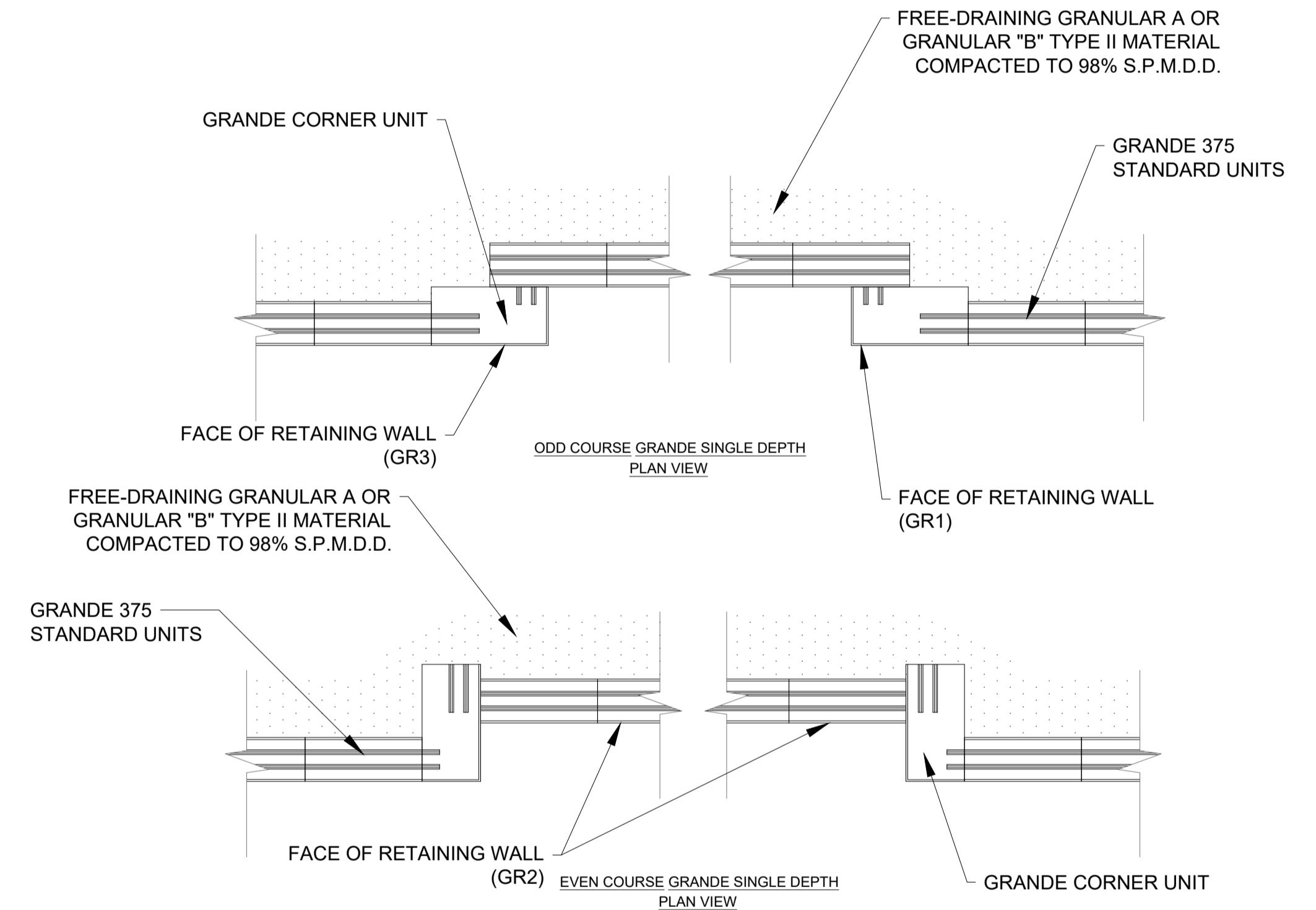
N.T.S.



- NOTES:
- IT IS POSSIBLE TO START ON AN ODD OR EVEN COURSE. REFER TO DESIGN
  - COURSES MUST ALTERNATE BETWEEN EVEN AND ODD COURSES
  - ALMOST ANY ANGLE CAN BE ACHIEVED USING THE SAME METHODOLOGY AS SHOWN
  - PLACE MIRAGRID 3XT AS SHOWN ON THE PROFILE VIEW
  - ANGLES ARE SHOWN ON THE PLAN AND PROFILE VIEWS

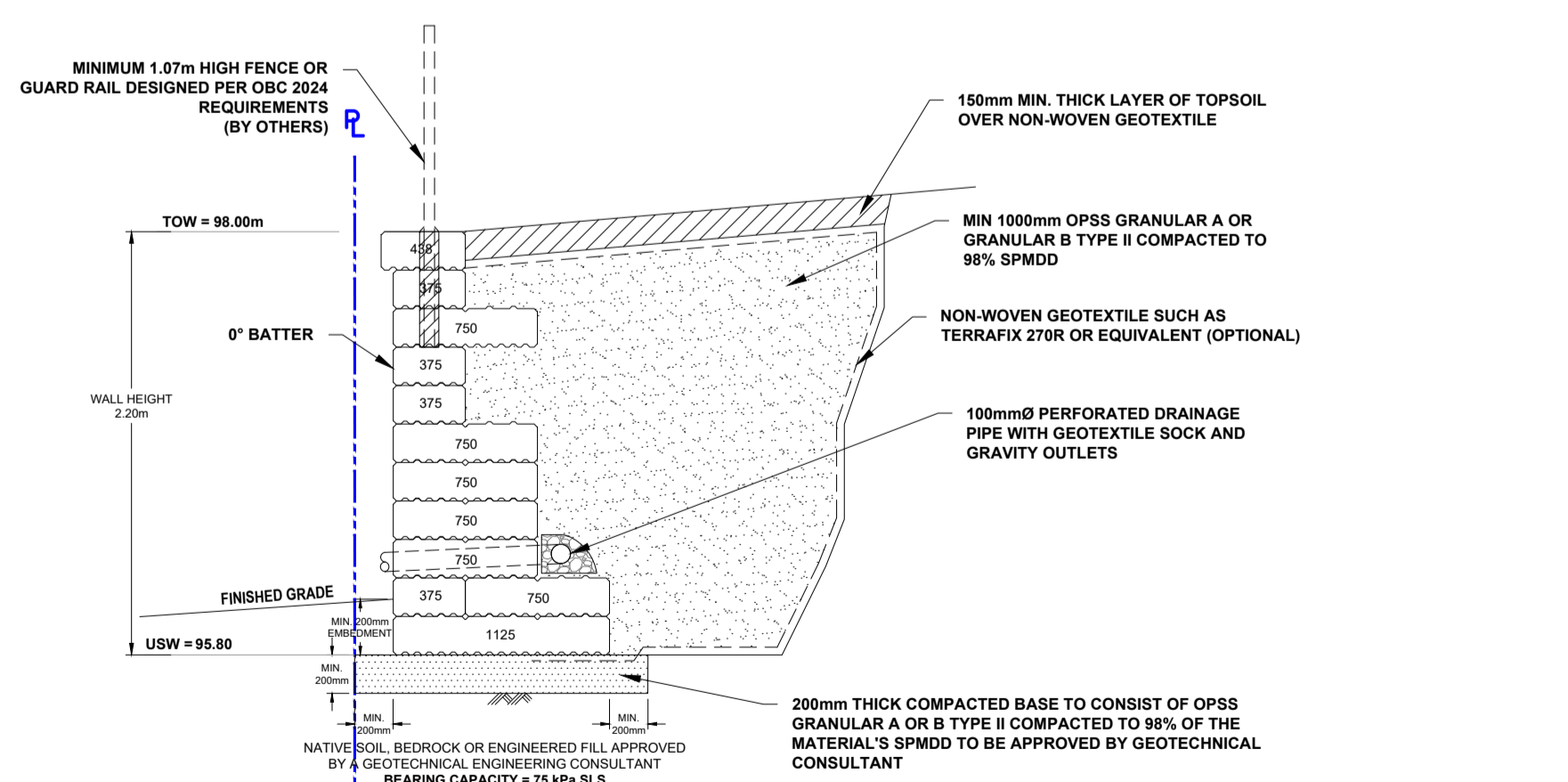
# DETAIL 5 - GR1-GR3 OVERLAP DETAILS:

N.T.S.



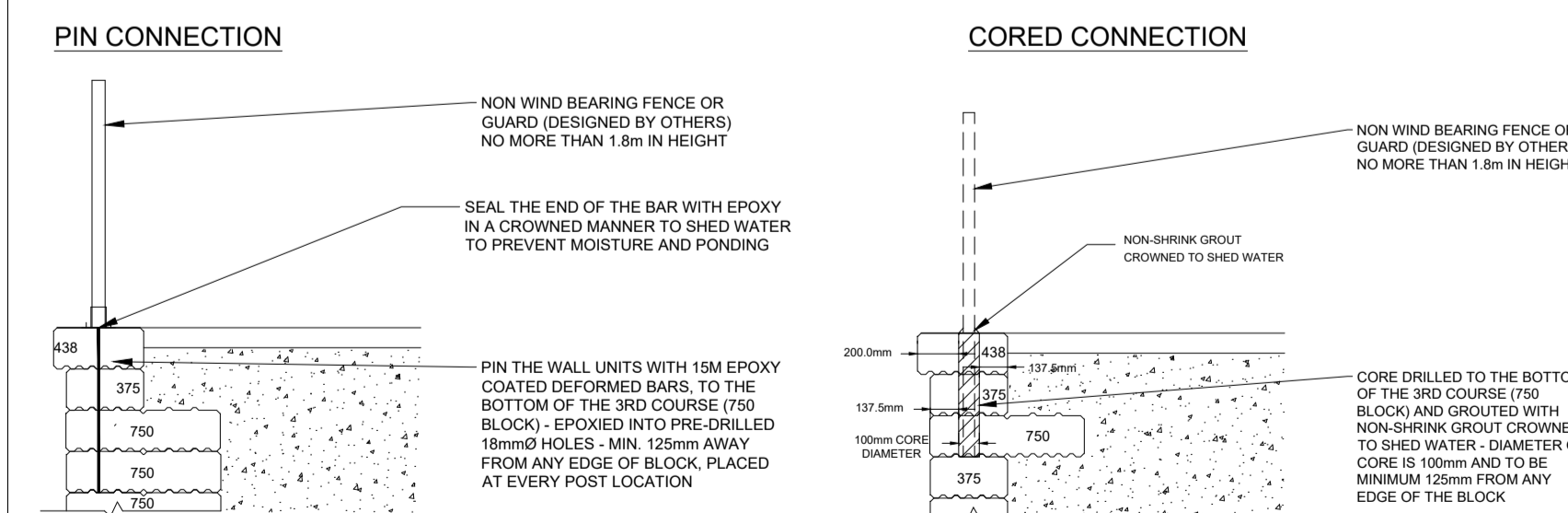
# CROSS SECTION C-C:

SCALE 1:35



# DETAIL 4 - FENCE INSTALLATION:

N.T.S.

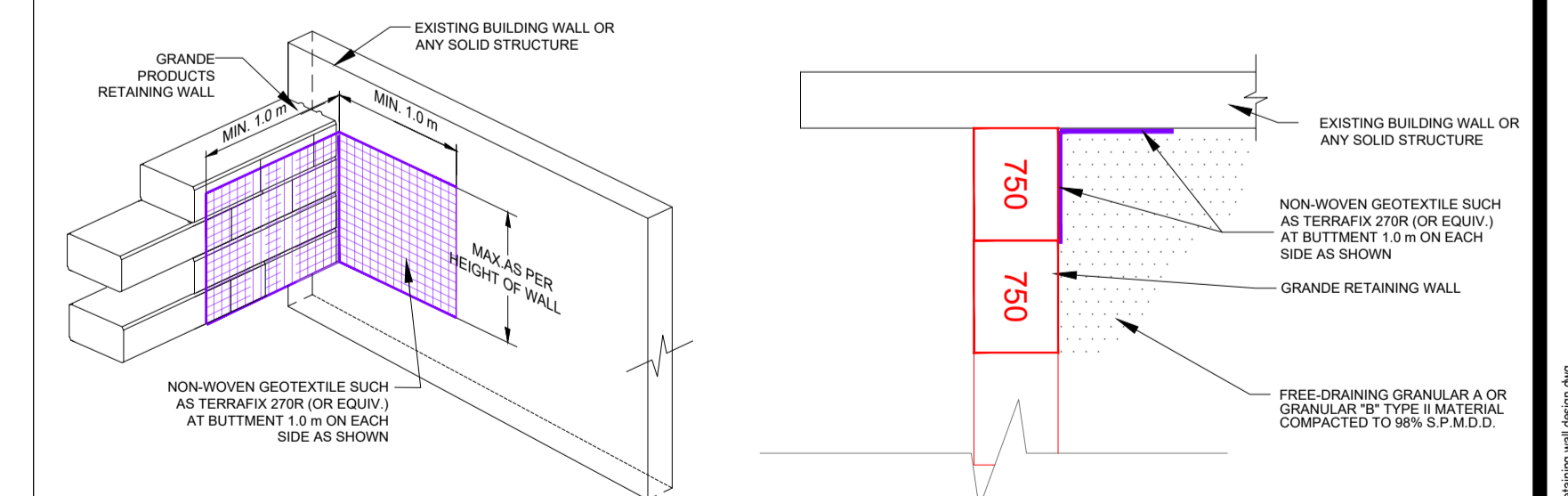


## MAX CORE DIAMETER TABLE

- NOTES:
- WALL IS DESIGNED TO HAVE A NON BEARING FENCE
  - MAXIMUM HEIGHT OF THE FENCE IS 1.8m. IF THE FENCE IS TO BE HIGHER THAN 1.8m, THE FENCE SHOULD BE INSTALLED BEHIND THE WALL
  - FENCE AND FENCE ATTACHMENTS TO BE DESIGNED BY OTHERS
  - BACKFILL THE WALL WITH FREE-DRAINING MATERIAL AS THE HEIGHT INCREASES IDEALLY EVERY ONE OR TWO COURSES. AT NO TIME SHOULD THE HEIGHT OF THE WALL EXCEEDS TWO COURSES WITHOUT BACKFILL

# DETAIL 6 - ABUTMENT DETAILS:

N.T.S.



**ISSUED FOR REVIEW**

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NO.	REVISIONS	DATE	INITIAL
1	AS PER CLIENT COMMENTS	20/03/2026	JV

OTTAWA, ONTARIO

Richcraft  
 PROPOSED RETAINING WALL  
 815 ROGER GRIFFITHS AVENUE

**GRANDE RETAINING WALL DESIGN**

Stamp:

Scale:	AS SHOWN	File No.:	PG7770
Drawn by:	AAT	Drawing No.:	
Checked by:	JV		
Approved by:	JV		<b>PG7770-3</b>
Date:	20/03/2026	Revision No.:	0