

GENERAL NOTES:

- 1. RETAINING WALL HAS BEEN CONSTRUCTED AND THIS SHEET IS FOR AS BUILT PURPOSE.
- 2. INFORMATION CAPTURED FROM EXISTING BUILDING APPROVAL DRAWINGS AND SITE MEASUREMENT AND PHOTOS.
- 3. REFER TO 202404B SHEET 01~03 FOR FOR CONSTRUCTION DRAWINGS AND DESIGN FORM 15.
- 4. REFER TO FORM 12 ISSUED ON 08/05/2024 FOR CONSTRUCTION CERTIFICATE.



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APPLICATION REF
A006885222

* drawing to be printed in colour. drawing may not to scale, do not scale on drawings.
* report to engineer if anything suspicious identified, do not guess.
* this drawing copy right reserved and shall not be referred by any other parties. Mozi Engineering or its engineers take no responsibility for the performance of the elements NOT covered by this drawing.



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(Residential, Industrial, Commercial)
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PO Box 2182, TINGALPA, QLD 4173
Email: info@moziengineering.com

CLIENT: ----
CLIENT No:
PROJECT:
130 BILL WATSON WY
PALLARA, QLD 4110

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1	14.08.2026	AS BUILT ISSUE
ISSUE:	DATE:	REVISIONS
TITLE:		DRAWN: LY
RETAINING WALL PLAN		ENG: AS
		SCALE: N.T.S
JOB No: M26666		SHEET No: S1

**** REPORT TO ENGINEER IF ANYTHING SUSPICIOUS IDENTIFIED, DO NOT GUESS ****

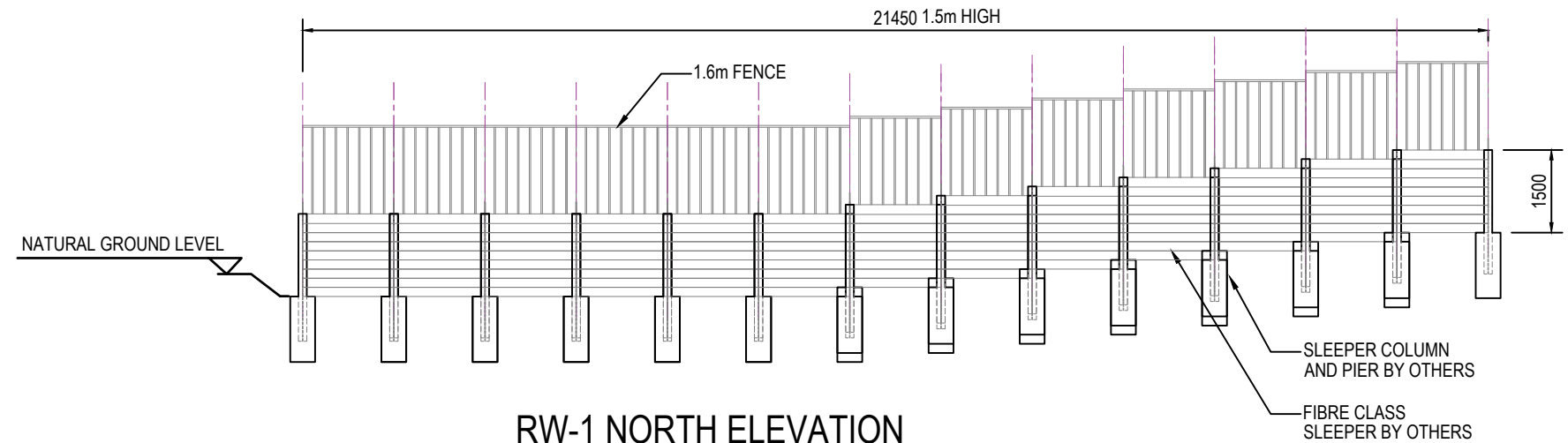
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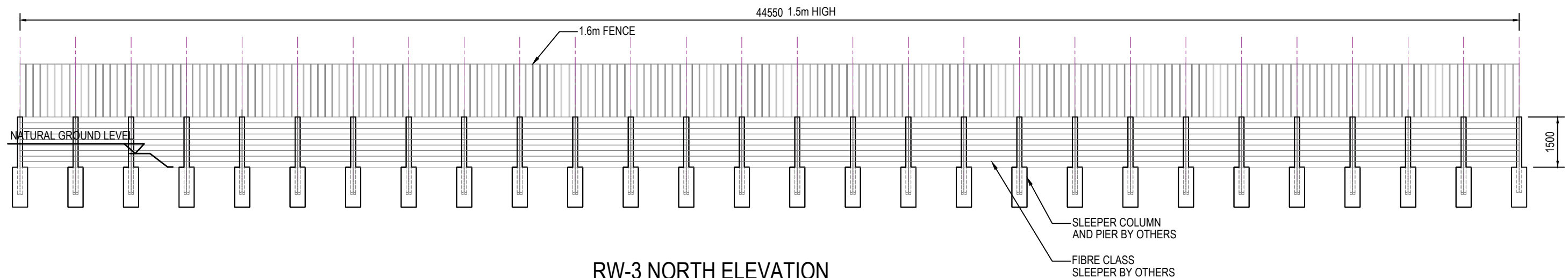
APPLICATION REF

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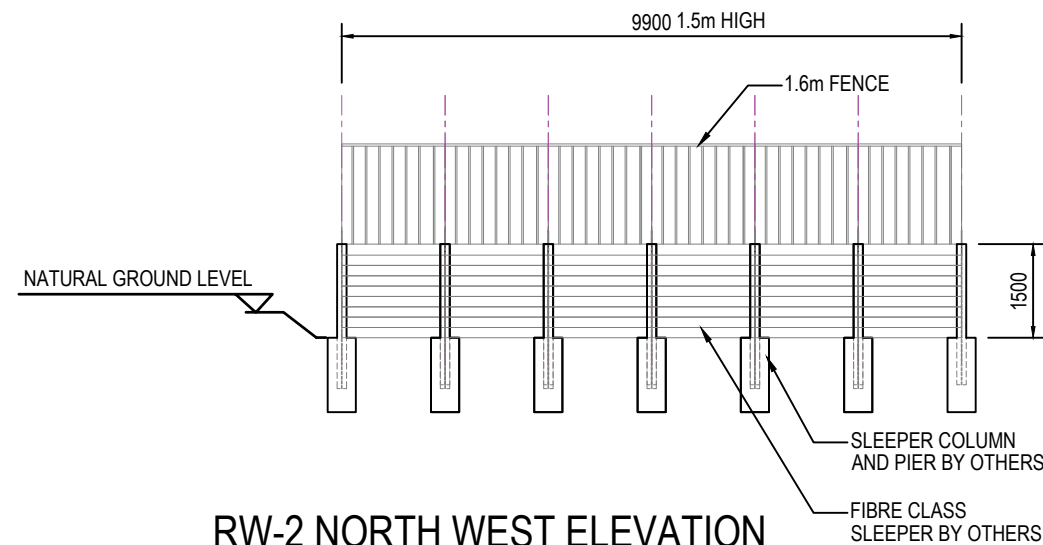
RW-1 NORTH ELEVATION

SCALE 1:100



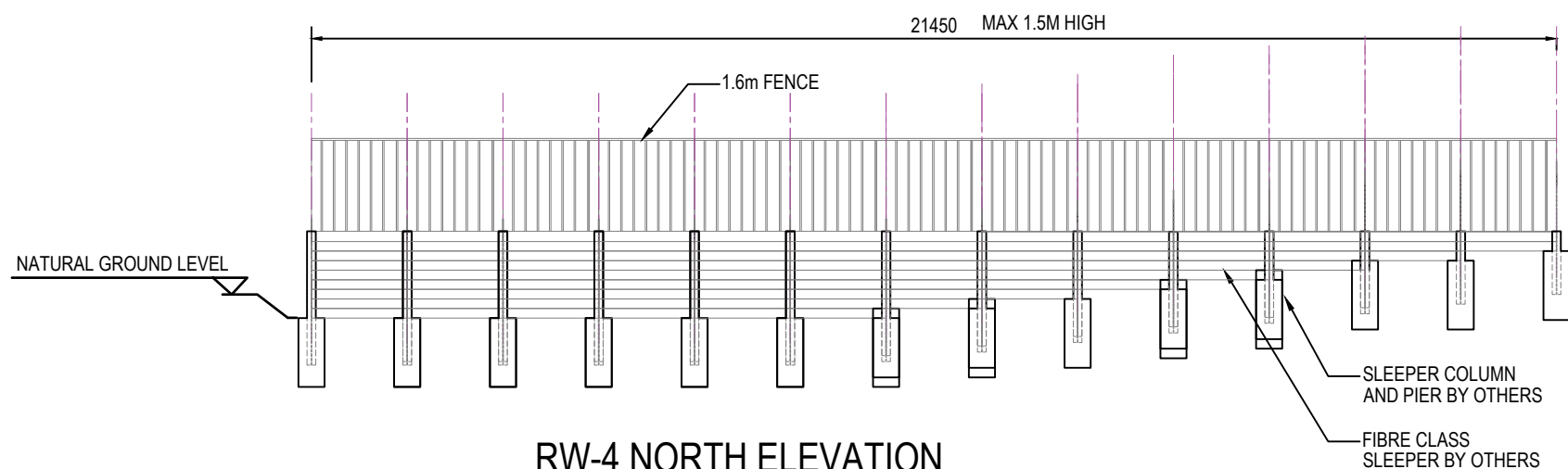
RW-3 NORTH ELEVATION

SCALE 1:100



RW-2 NORTH WEST ELEVATION

SCALE 1:100



RW-4 NORTH ELEVATION

SCALE 1:100

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1	14.08.2026	AS BUILT ISSUE
ISSUE:	DATE:	REVISIONS
TITLE:		DRAWN: LY
RETAINING WALL ELEVATION		ENG: AS
SCALE:		N.T.S
JOB No:	M26666	SHEET No: S2

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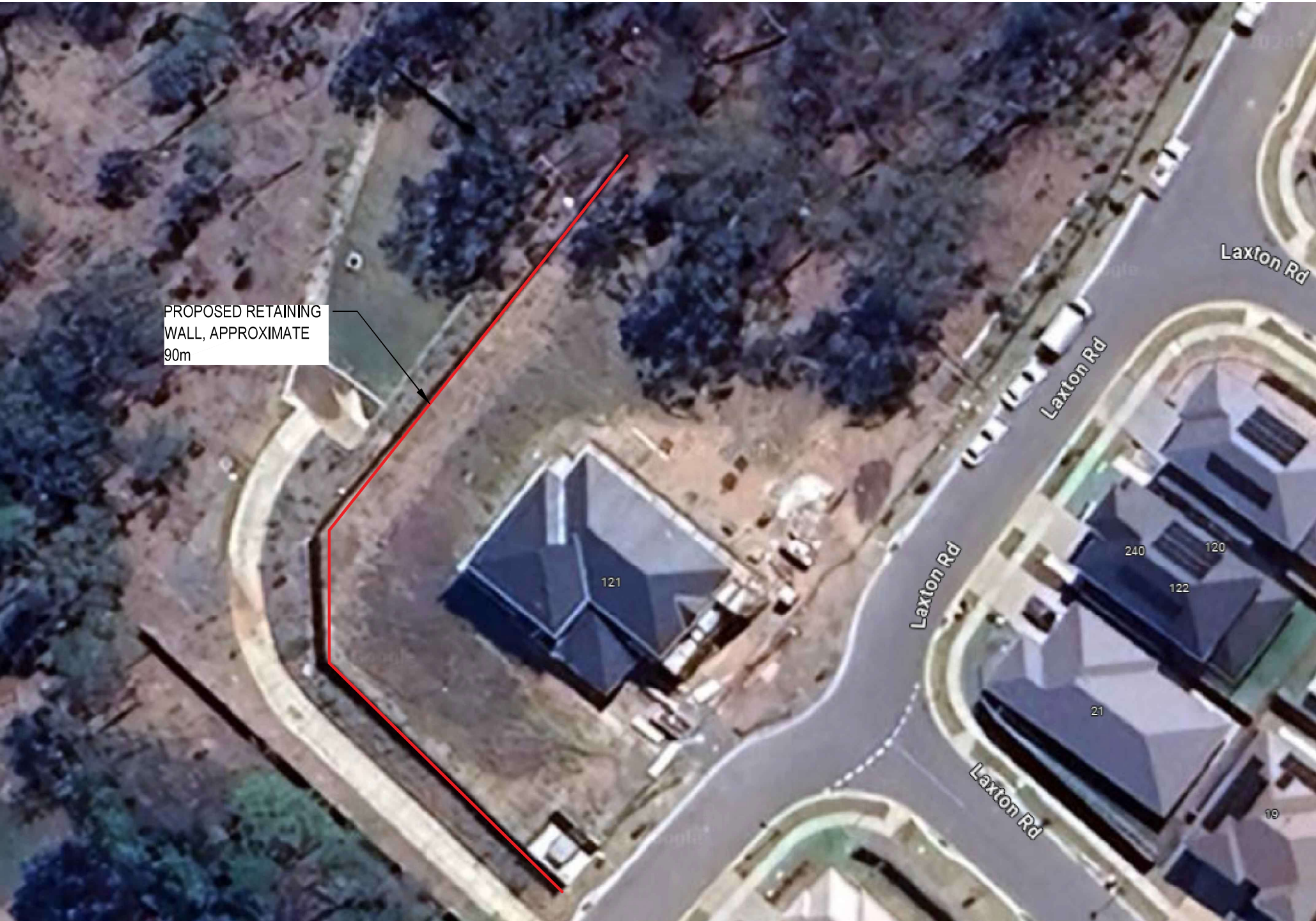
1	08/04/2024	FOR CONSTRUCTION
0	04/04/2024	FOR REVIEW
ISSUE:	DATE:	REVISIONS
TITLE: RETAINING WALL DRAWING INDEX	ISSUED FOR CONSTRUCTION	
	DRAWN: Albert.S	ENG: Bin.W
	DATE: 28/08/2023	
	SCALE:	N.T.S
	JOB No: 2023082	SHEET No: 00

Approved by
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GENERAL NOTES:

- 1. RETAINING WALL HAS BEEN DESIGNED IN ACCORDANCE WITH SOIL TEST BY VIPER SOIL TESTING PTY LTD, REFERENCE 24MS067, DATED 20/03/2024.
- 2. PIERS TO BE EMBEDDED TO A MATERIAL WITH A MINIMUM BEARING CAPACITY OF 100KPa.
- 3. 25MPa CONCRETE GRADE (80mm SLUMP) FOR PIERS WITH MIN 75mm COVER TO STEEL.
- 4. ALL STEELWORK INCLUDING POSTS TO BE HOT DIP GALVANISED AFTER FABRICATION.
- 5. REFER TO MANUFACTURERS SPECIFICATIONS FOR SLEEPERS SPECIFICATION.
- 6. BUILDER TO NOT SCALE OF THIS RETAINING WALL LAYOUT. REFER TO CIVIL/LANSCAPE/STORMWATER PLAN FOR LEVELS AND EXTENT OF RETAINING WALL.
- 7. WATERPROOFING OF WALL AS PER WATERPROOFING SPECIALIST

NOTE:
RETAINING WALL LAYOUT IS DRAWN BASED ON CONCEPT PROVIDED BY CLIENT. CONTRACTOR TO CONFIRM THE LOCATION AND GEOMETRY PRIOR TO CONSTRUCTION. THE RETAINING WALL SHOWN ON THIS DRAWING ONLY COVERS RETAINING WALL HIGHER THAN 1000mm. REPORT TO ENGINEER IF ANY RETAINING WALL IDENTIFIED HIGHER THAN 1000mm BUT NOT SHOWN ON DRAWING.



RETAINING WALL LAYOUT
N.T.S

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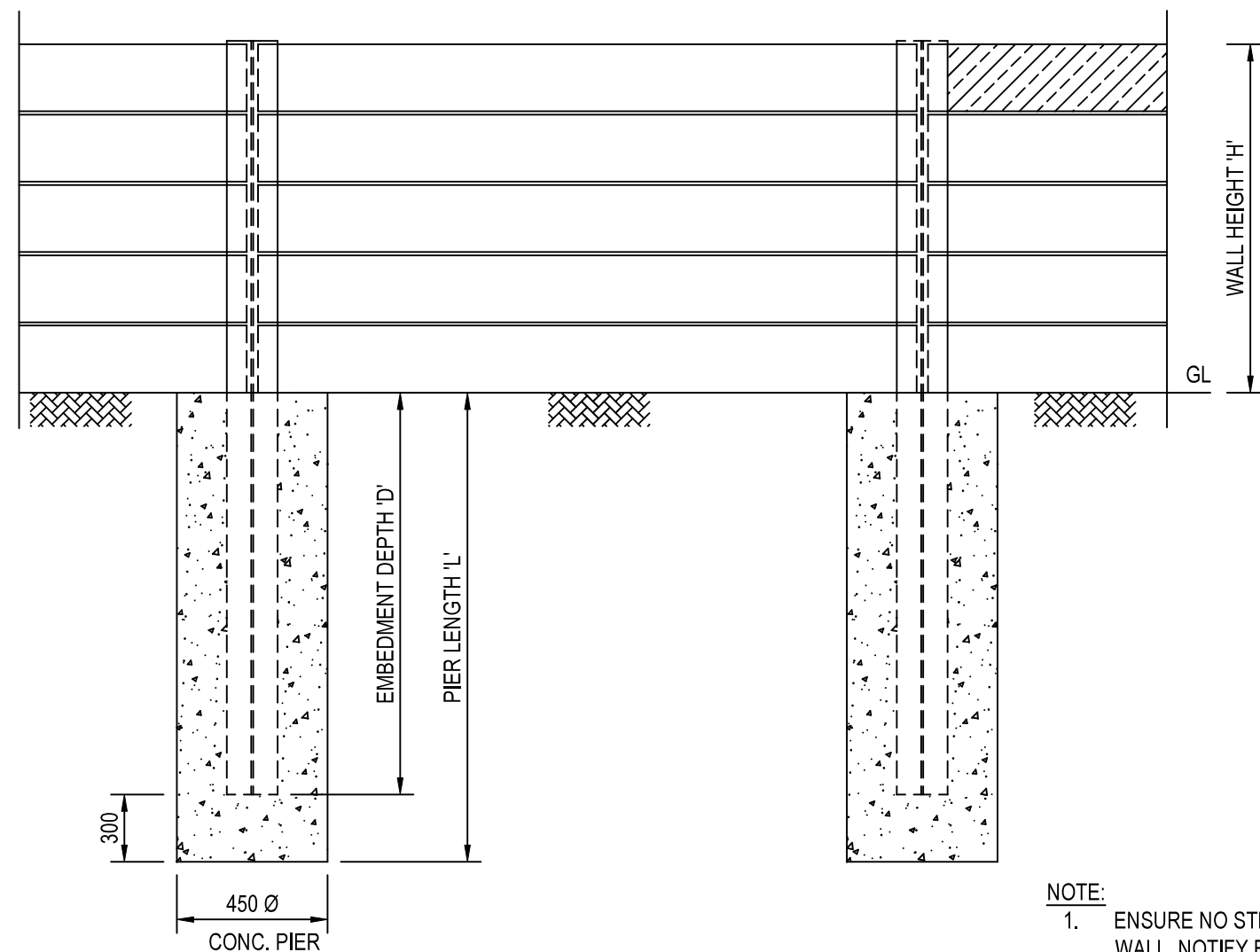
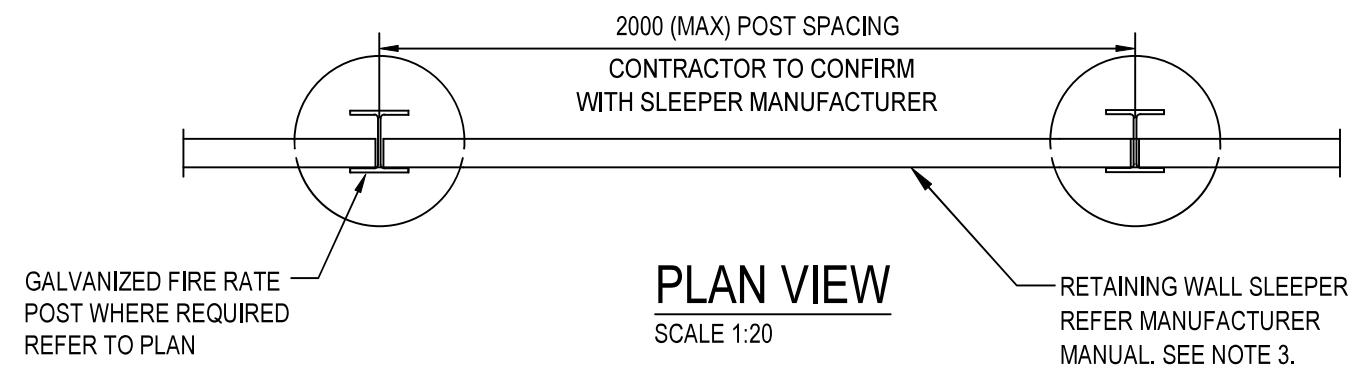
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APPLICATION REF

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CLIENT: EZZY FIT PTY LTD
CLIENT No: N/A
PROJECT:
LOT 49, 130 BILL WATSON WY
PALLARA, QLD 4110

1	08/04/2024	FOR CONSTRUCTION
0	04/04/2024	FOR REVIEW
ISSUE:	DATE:	REVISIONS
TITLE:		ISSUED FOR CONSTRUCTION
RETAINING WALL NOTES & LAYOUT		DRAWN: Albert.S ENG: Bin.W
		DATE: 04/04/2024
		SCALE: N.T.S
		JOB No: TBC SHEET No: 01



FRONT ELEVATION-RW1
SCALE 1:20

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NOTE:

1. ENSURE NO STRUCTURES ARE PLACED WITHIN 1.5m OF RETAINING WALL. NOTIFY ENGINEER IF OTHERWISE.
2. PROVIDE SANDY GRAVEL OR SAND BACKFILL.
3. REFER MANUFACTURE'S MANUAL FOR SLEEPER MATERIALS SPECIFICATION AND ENGINEERING CERTIFICATE.
TENSILE STRENGTH: 220-250MPa ELASTIC MODULUS: 21-27GPa
COMPRESSIVE STRENGTH: 250MPa POISSON'S RATIO: 0.28

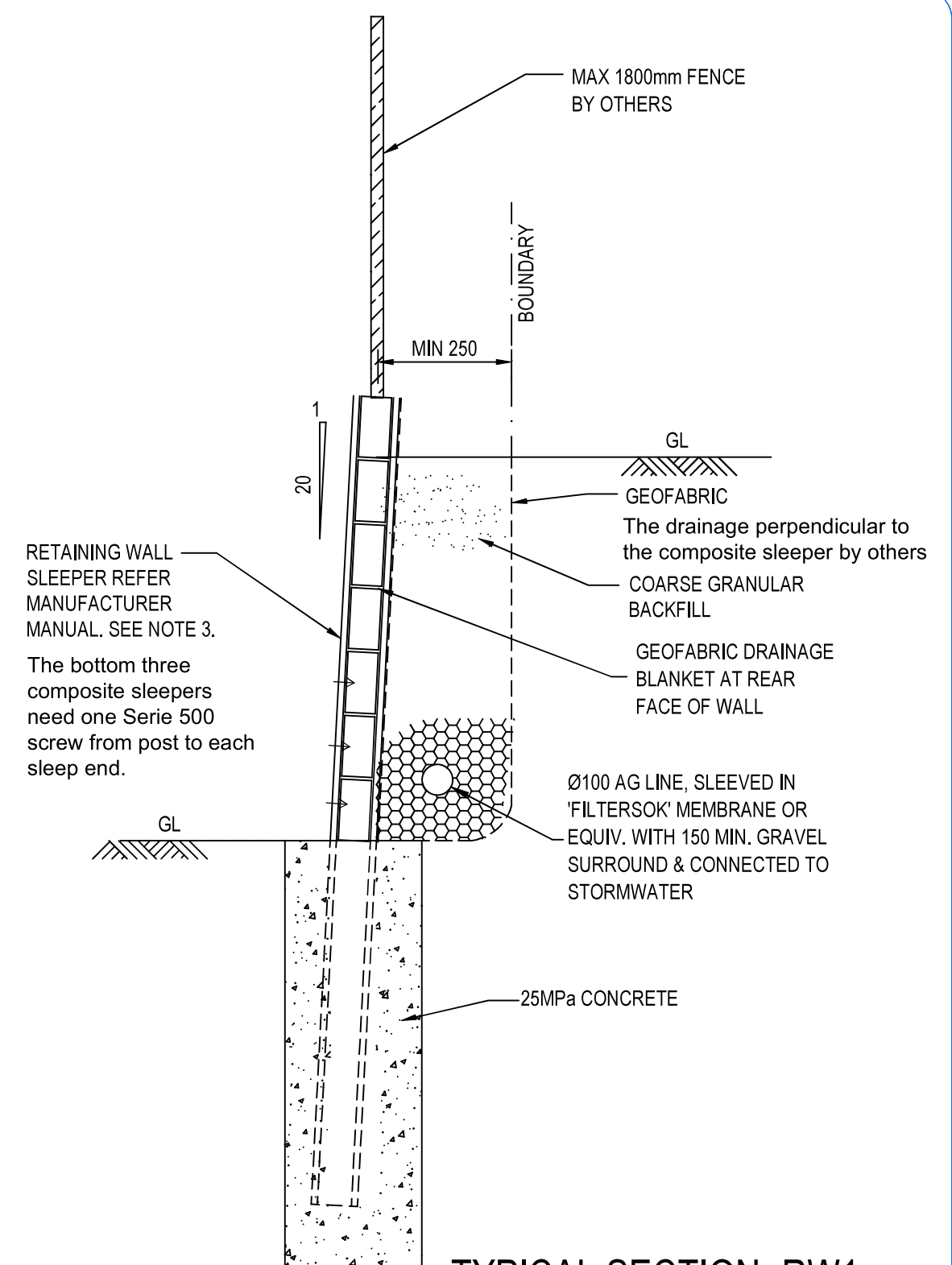
APPROVED:

CLIENT: EZZY FIT PTY LTD

CLIENT No: N/A

PROJECT:

LOT 49, 130 BILL WATSON WY
PALLARA, QLD 4110



TYPICAL SECTION- RW1

SCALE 1:20

ISSUE:	DATE:	REVISIONS
1	08/04/2024	FOR CONSTRUCTION
0	04/04/2024	FOR REVIEW
TITLE:		
RETAINING WALL ELEVATION		
ISSUED FOR CONSTRUCTION		
DRAWN: Albert.S		ENG: Bin.W
DATE: 04/04/2024		
SCALE:		N.T.S
JOB No: TBC	SHEET No: 02	

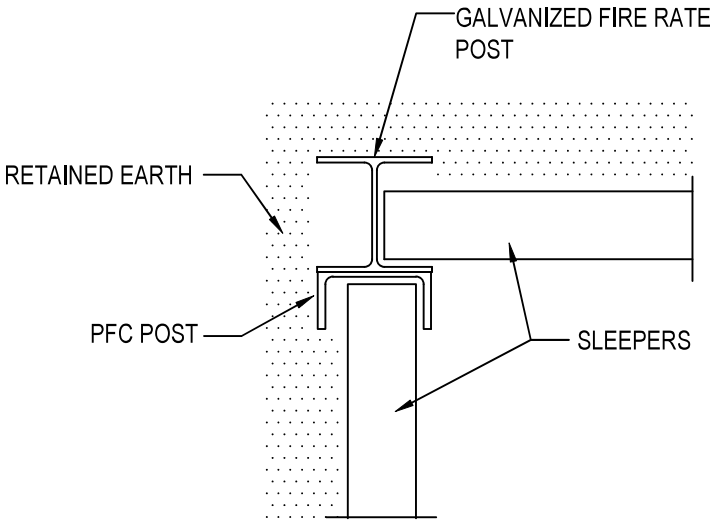
RETAINING WALL TABLE			
HEIGHT 'H' (m)	EBED'T DEPTH 'D' (m)	PIER LENGTH 'L' (m)	SUPPORT SIZE
1000 and less	1500	1800	100UC15
1001 to 1200	1700	2000	100UC15
1201 to 1400	1900	2200	100UC15
1401 to 1600	2100	2400	100UC15 * 150UC23
1601 to 1800	2300	2600	150UC23
1800 to 2000	2500	2800	150UC23
2001 to 2200	2800	3100	150UC23
2200+	REPORT TO ENGINEER **		

CONTRACTOR TO VISIT THE SITE TO CONFIRM THE RETAINING WALL HEIGHT BEFORE ORDER MATERIALS

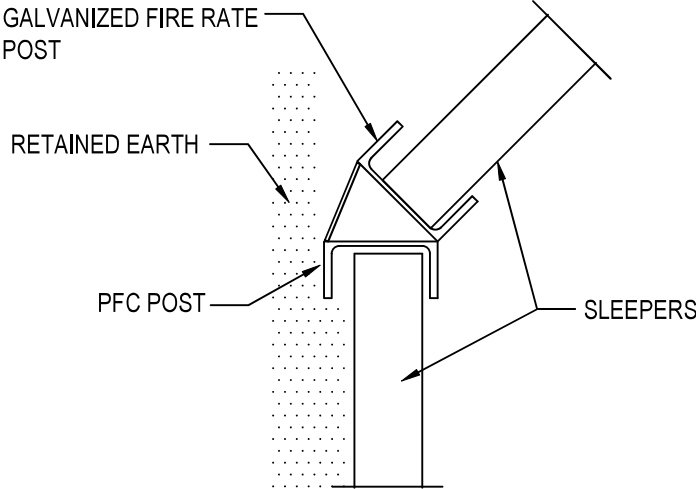
* 100UC15 ONLY ALLOWED WHEN THE SLEEPER LENGTH IS LESS THAN 1601mm.

* REPORT TO ENGINEER IF RETAINING WALL HEIGHT NOT WITHIN THIS TABLE

When to use 150UC, the bottom three composite sleepers need two layers.



TYPICAL CORNER POST DETAIL
(IF REQUIRED)
SCALE 1:10



TYPICAL CORNER POST DETAIL
(IF REQUIRED)
SCALE 1:10

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- NOTE:
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 2. PROVIDE SANDY GRAVEL OR SAND BACKFILL.

1	08/04/2024	FOR CONSTRUCTION
0	04/04/2024	FOR REVIEW
ISSUE:	DATE:	REVISIONS
		ISSUED FOR CONSTRUCTION
		DRAWN: Albert.S ENG: Bin.W
		DATE: 04/04/2024
		SCALE: N.T.S
		JOB No: TBC SHEET No: 03

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APPROVED:

CLIENT: EZZY FIT PTY LTD
CLIENT No: N/A
PROJECT:
LOT 49, 130 BILL WATSON WY
PALLARA, QLD 4110

TITLE:
RETAINING WALL
POST SCHEDULE TABLE

ISSUED FOR CONSTRUCTION
DRAWN: Albert.S ENG: Bin.W
DATE: 04/04/2024
SCALE: N.T.S
JOB No: TBC SHEET No: 03