

3833-S01.dwg- S01- 18 August 2023- 11:13 AM- Eser Can Vural - Miglic MacLeod

C1	CONSTRUCTION	E.V	R.B	R.B	18.08.23
P1	PRELIMINARY ISSUE	R.B.	R.B.	J.K	27.07.23
Issue	Description	Drwn	Ckd.	Appd.	Date

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Project

REDSTONE HILLS RETAINING
WALLS,STAGE 16-20 &
PERMIT AREA 2 (STAGE 21-30)
SUNBURY, VIC 3429

Title

DRAWING LIST
AND GENERAL NOTES SHEET

Designed by

R.BANERJEE

Drawn by

J.KUNG

Date

JULY 2023

Scale

N/A AT A1

Status

PRELIMINARY
NOT FOR CONSTRUCTION



SHAPING THE BUILT ENVIRONMENT
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Project No

3833

Drawing No.

S01

Rev.

C1

3833-S01.dwg - S02 - 18 August 2023 - 11:14 AM - Eser Can Vural - Miglic MacLeod

C1	CONSTRUCTION	E.V	R.B	R.B	18.08.23
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Project

REDSTONE HILLS RETAINING
WALLS,STAGE 16-20 &
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SUNBURY, VIC 3429

Title

SITE PLAN

Designed by

R.BANERJEE

Drawn by

J.KUNG

Date

JULY 2023

Scale

N/A AT A1

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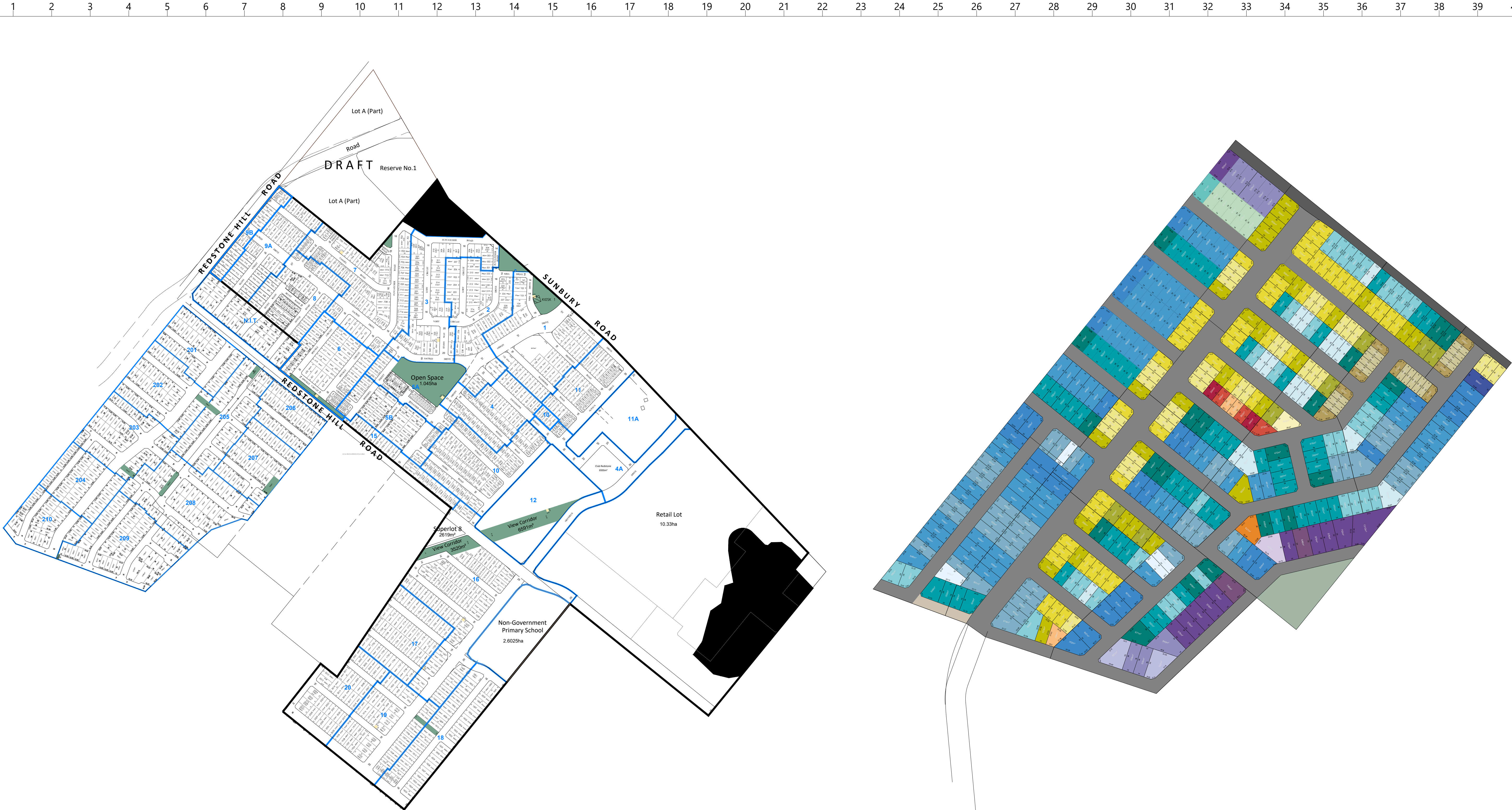
3833

Drawing No.

S02

Rev.

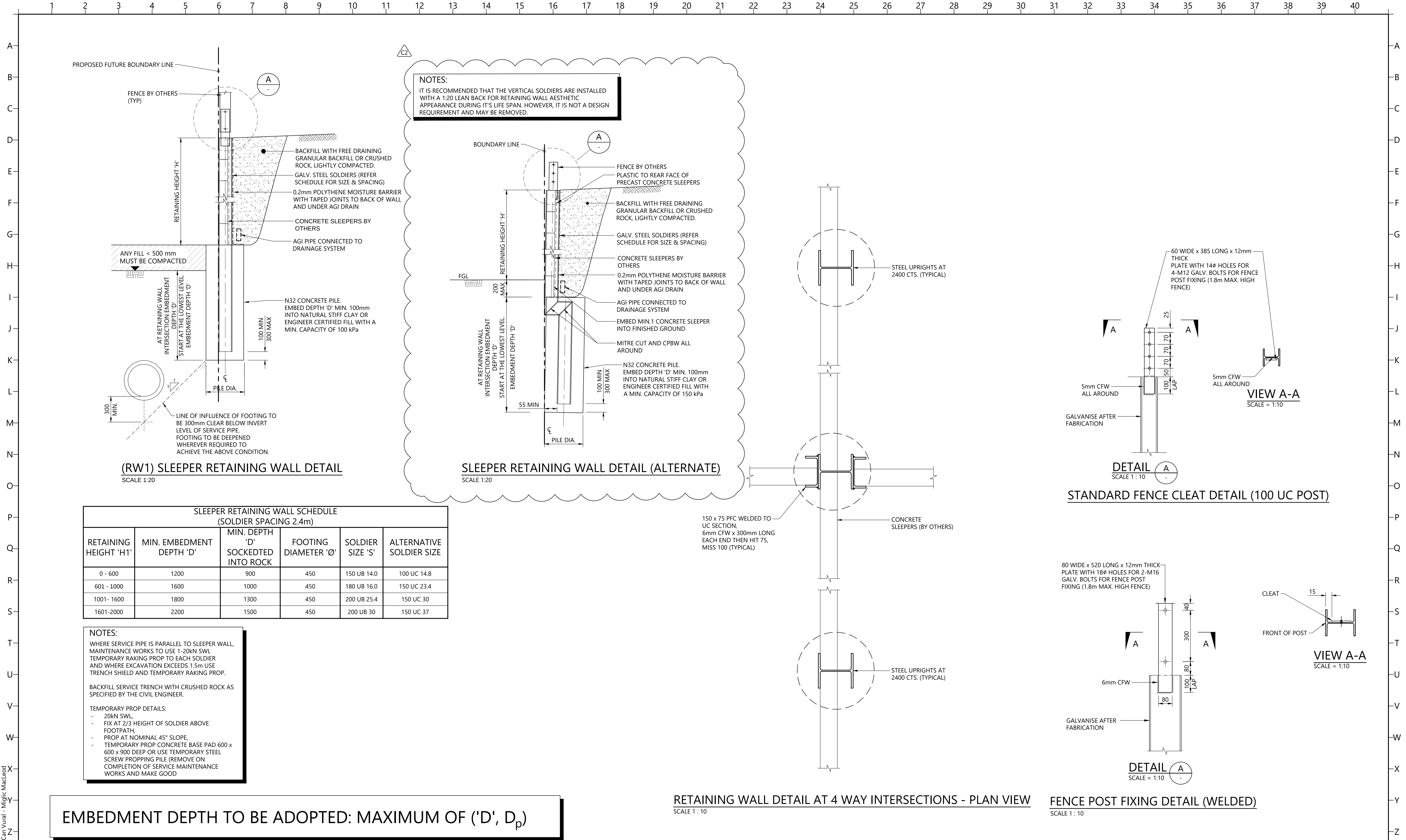
C1



REDSTONE HILL STAGE 16-20
SCALE N/A

REDSTONE HILL STAGE 21-30 PERMIT AREA 2
SCALE N/A

3833-S05.dwg- S05- 9 January 2024- 11:39 AM- Eser Can Vural - Miglic MacLeod



C2	CONSTRUCTION	E.V.	R.B.	R.B.	09.01.24
C1	CONSTRUCTION	E.V.	R.B.	R.B.	18.08.23
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Project
REDSTONE HILLS RETAINING WALLS, STAGE 16-20 & PERMIT AREA 2 (STAGE 21-30) SUNBURY, VIC 3429
Title
RETAINING WALL DETAILS SHEET 1 OF 4

Designed by
R.BANERJEE
Drawn by
J.KUNG
Date
JULY 2023
Scale
AS INDICATED AT A1
Status
PRELIMINARY NOT FOR CONSTRUCTION

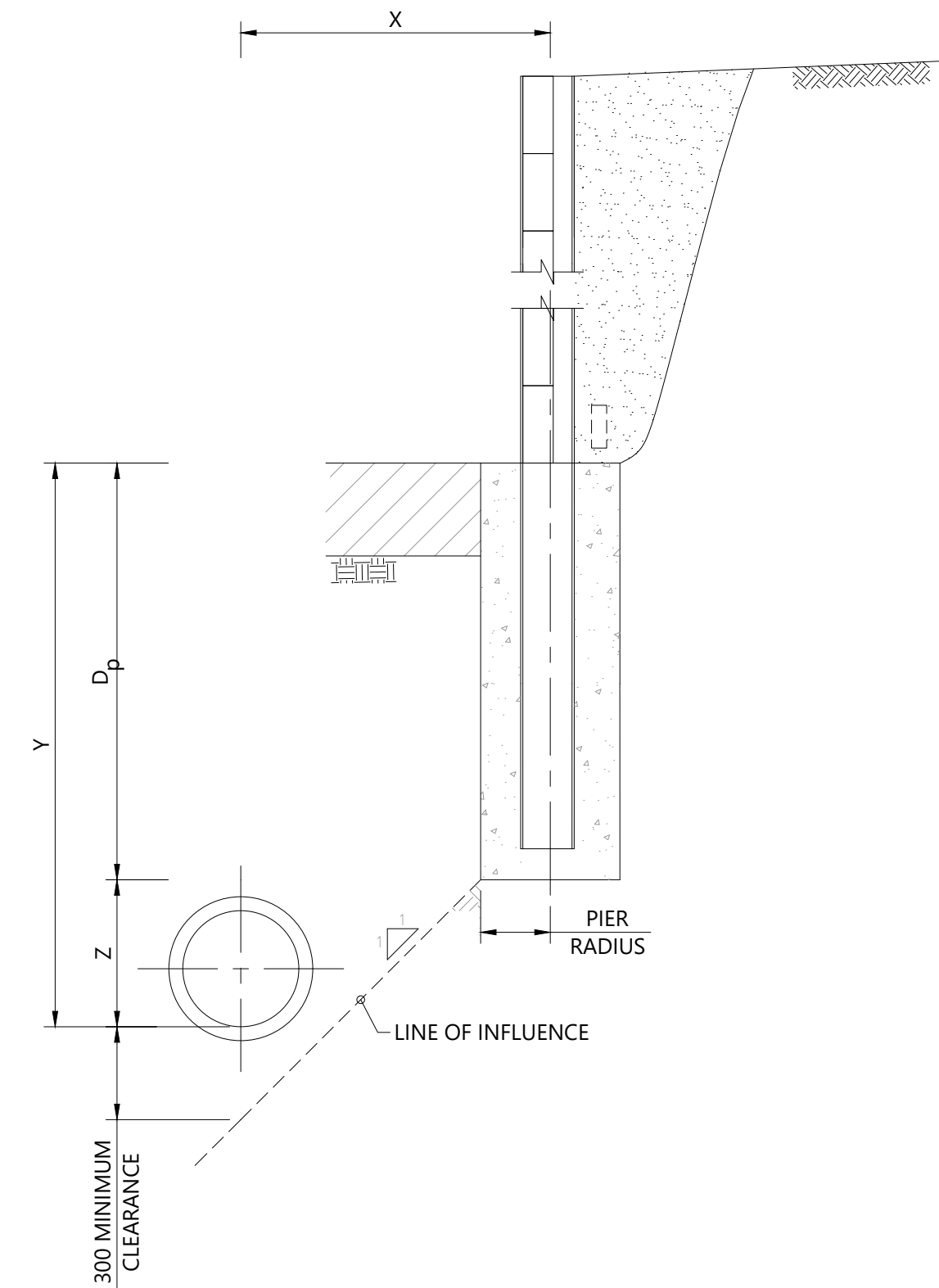
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Project No.
3833
Drawing No.
S05
Rev.
C2

3833-S06.dwg - S06 - 18 August 2023 - 11:14 AM - Eser Can Vural - Miglic MacLeod

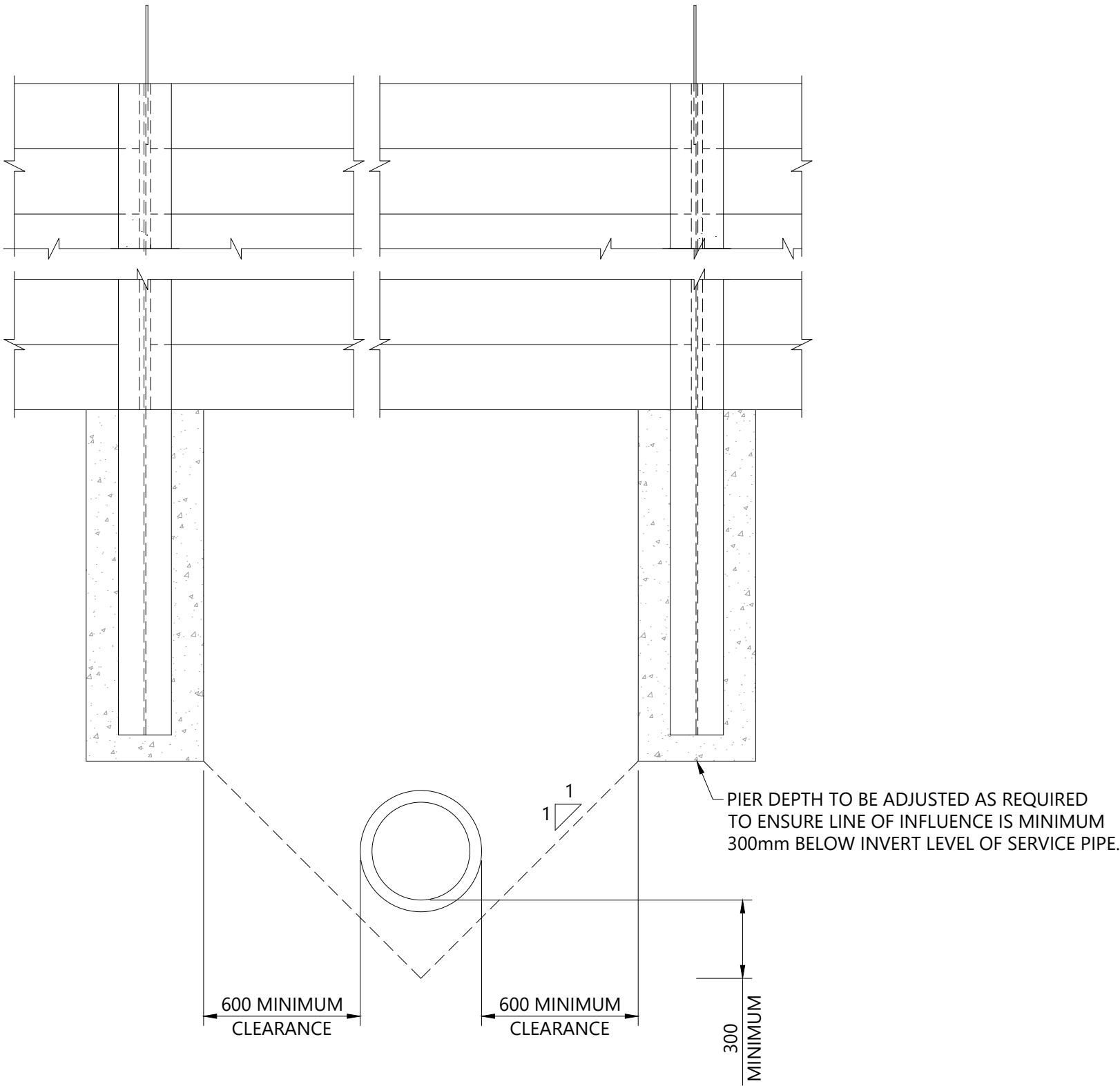
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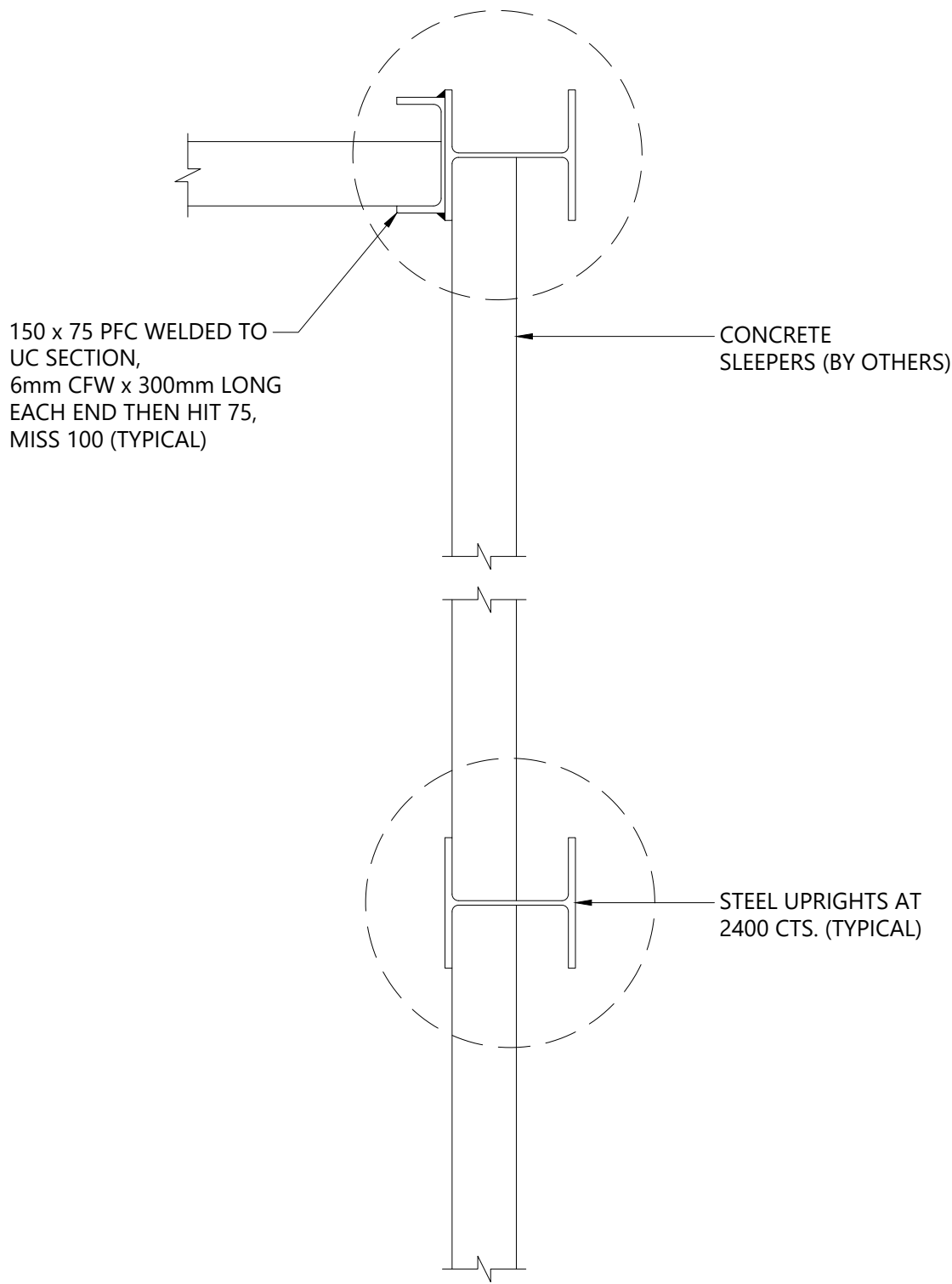
OVERALL PIER DEPTH CALCULATION DETAIL FOR
RETAINING WALLS ADJACENT TO SERVICE PIPES

SCALE 1 : 20
X: OFFSET OF SERVICE PIPE FROM CENTRELINE OF WALL
Y: DEPTH TO INVERT LEVEL OF SERVICE PIPE (REFER TO REEDS DRW)
D_p: OVERALL DEPTH OF PIER = (Y - Z)
Z: X - (300 + PIER RADIUS)



RW1/RW2/RW3 RETAINING WALL DETAIL OVER SERVICE PIPE

SCALE 1 : 20



RETAINING WALL DETAIL AT CORNERS - PLAN VIEW

SCALE 1 : 10

- NOTES:**
1. EMBEDMENT DEPTHS GIVEN IN SCHEDULE ARE MINIMUM DEPTHS OF PIERS REQUIRED BASED ON RETAINING HEIGHTS OF THE WALL.
 2. PIER DEPTHS MAY NEED TO BE ADJUSTED DEPENDING ON SITE CONDITIONS SUCH THAT THE LINE OF INFLUENCE PROVIDES A MINIMUM 300mm CLEARANCE BELOW THE INVERT LEVEL OF ANY SERVICE PIPE.
 3. FILL DEPTHS GREATER THAN 500mm TO BE COMPACTED TO AN AVERAGE DRY DENSITY EQUIVALENT TO 95% OF MAXIMUM DRY DENSITY.
 4. MAXIMUM HEIGHT OF FENCE ON TOP OF RETAINING WALLS TO BE 1.8m.
 5. FUTURE BUILDING FOOTINGS ADJACENT TO RETAINING WALLS TO BE DESIGNED AND TAKEN TO A DEPTH SUCH THAT NO ADDITIONAL LOAD IS IMPOSED ON THE RETAINING WALL
 6. FOR SLEEPERS THAT ARE CUT IN HALF, EXPOSED REINFORCEMENT TO BE SPRAYED WITH RUST INHIBITOR OR SIMILAR PRODUCT
 7. AGI AND FOOTING MUST BE CONTAINED IN ONE LOT

EMBEDMENT DEPTH TO BE ADOPTED: MAXIMUM OF ('D', D_p)

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SUNBURY, VIC 3429

Title

RETAINING WALL DETAILS
SHEET 2 OF 4

Designed by

R.BANERJEE

Drawn by

J.KUNG

Date

JULY 2023

Scale

AS INDICATED AT A1

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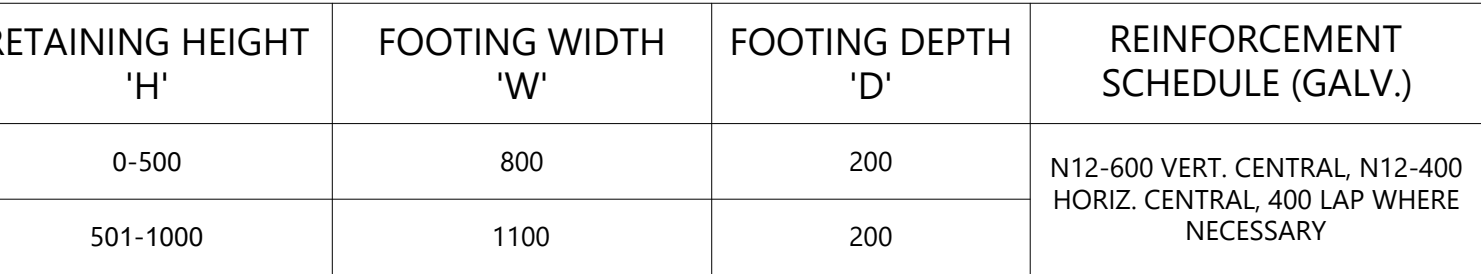
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Drawing No

S06

Rev

C1



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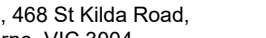
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RETAINING WALL DETAILS
SHEET 4 OF 4

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Rev.
C1