

PROJEK :

CADANGAN KERJA–KERJA MEMBAIKPULIH
HAKISAN CERUN DAN LAIN–LAIN KERJA
YANG BERKAITAN DI BENGKEL
KENDERAAN BAS MARA (KBM) SIK,
KEDAH.

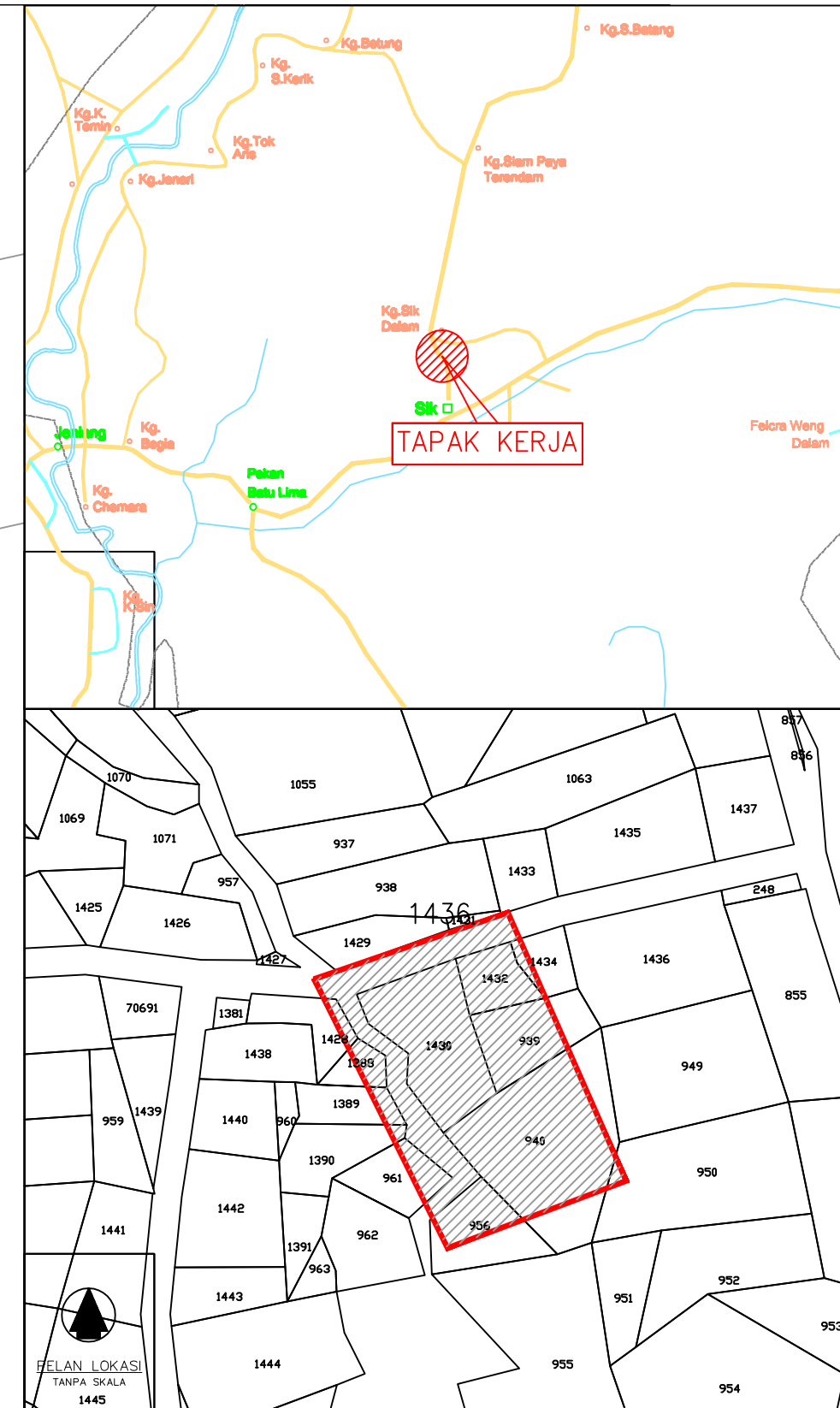
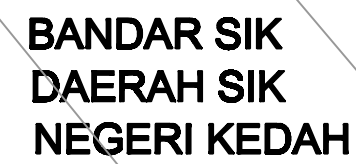
DISEDIAKAN OLEH :


Northdesign Consultant

NO 141, TINGKAT 2, KOMPLEKS ALOR SETAR,
LEBUHRAYA DARULAMAN, 05100 ALOR SETAR
KEDAH DARULAMAN
TEL:012-429 9794 FAX:04-731 8540

LIST OF DRAWING

INDEX	DRAWING NO.	Sub—Title	SCALE	SIZE	REMARKS
1.	NDC/DEPOT MARA SIK/02/2026/RC 01	LAYOUT PLAN, R.C & RD DETAILS	1:250	A1	
2.	NDC/DEPOT MARA SIK/02/2026/RC 02	SURVEY PLAN	1:500	A1	
3.	NDC/DEPOT MARA SIK/02/2026/RC 03	CROSS SECTION	1:75	A1	
4.	NDC/DEPOT MARA SIK/02/2026/RC 04	RETAINING WALL DETAIL	1:30	A1	
5.	NDC/DEPOT MARA SIK/02/2026/RC 05	DRAINANGE DETAIL, SECURITY FENCE DETAIL	1:25	A1	
6.	NDC/DEPOT MARA SIK/02/2026/RC 06	MAINTENANCE RAMP DETAIL, OSD DETAIL	1:50	A1	
7.	NDC/DEPOT MARA SIK/02/2026/SW 01	LAYOUT PLAN, SEWERAGE DETAIL	1:250	A1	



REF	DATE	DESCRIPTIONS

ENGINEER'S SIGNATURE

I HEREBY CERTIFY THAT THESE WORKS HAVE BEEN DESIGN
BY ME IN ACCORDANCE WITH SOUND ENGINEERING PRACTICE
AND THAT TAKE FULL RESPONSIBILITY OF THE DESIGN AND
PROPER PERFORMANCE OF THE SAME.

ENGINEER

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PROJECT
CADANGAN KERJA-KERJA MEMBAIKPULIH HAKISAN CERUN DAN LAIN-LAIN KERJA YANG BERKAITAN DI BENGKEL KENDERAAN BAS MARA (KBM) SIK, KEDAH.

TITLE

SURVEY PLAN

SCALE: 1:500

DRAW: d1n

DATE: FEB 2026

DESIGN BY: Jalani

SHEET: 2/6

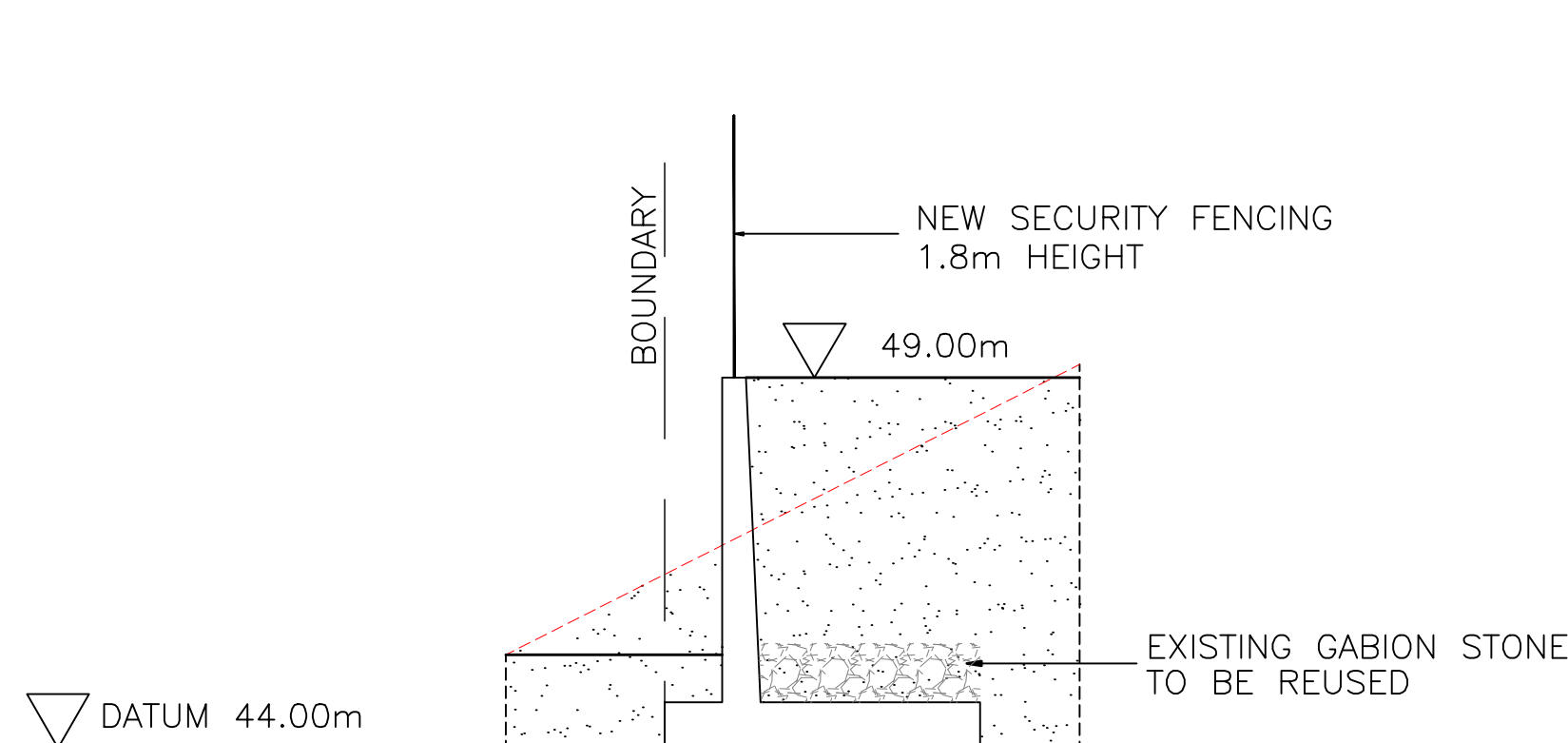
CHECKED BY: ir nasir

DRAWING NO:NDC/DEPOT MARA SIK/02/2026/RC 02

OWNER'S SIGNATURE

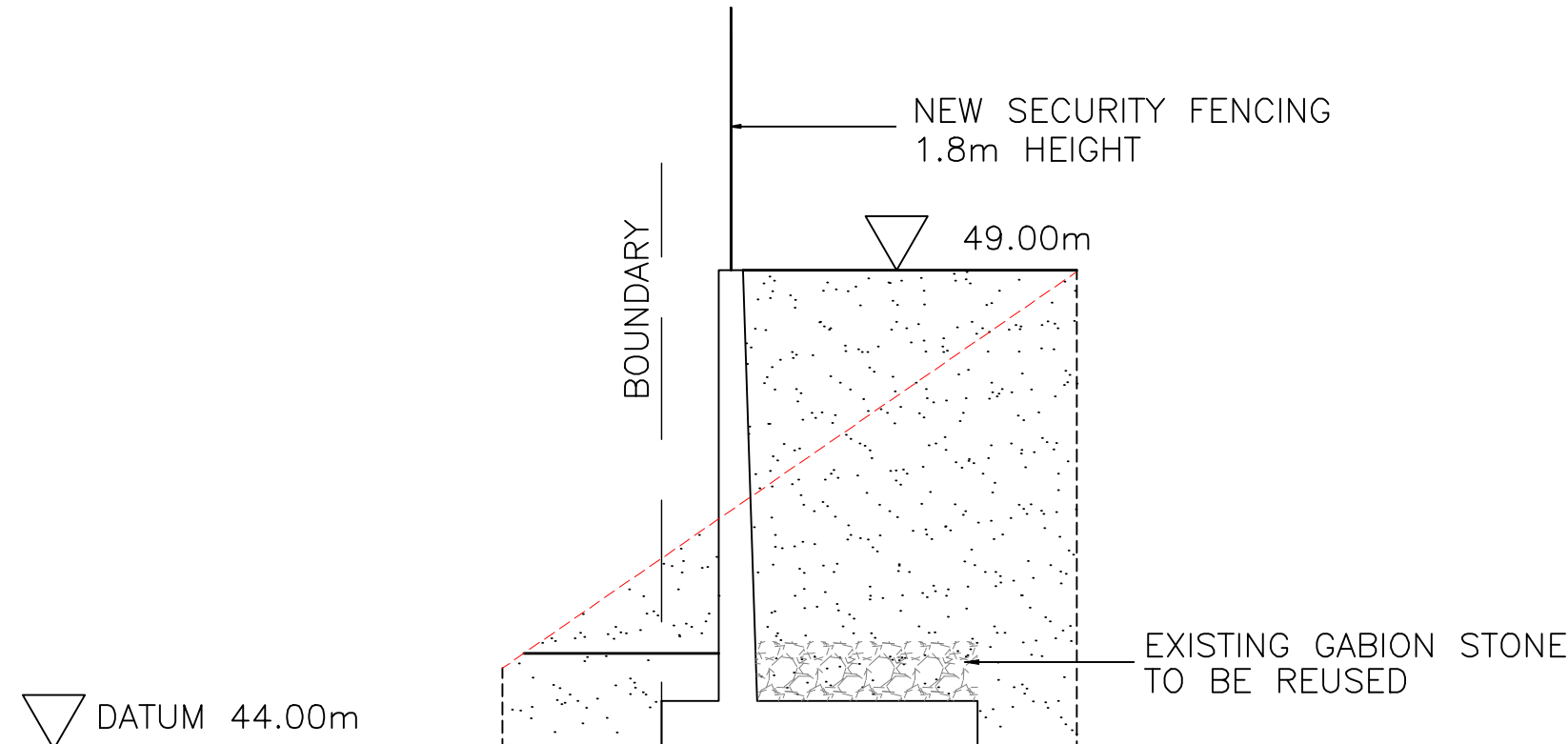
NOTE :

1. THIS MAPPING IS ONLY FOR REFERENCE & GUIDELINE FOR THE CONTRACTOR TO CARRY OUT EXCAVATION WORKS. THE CONTRACTOR IS ADVISED TO BE CAUTIOUS & TAKE NECESSARY STEP TO PREVENT ANY UNINTENTIONAL DAMAGE TO NON-METALLIC UTILITIES SUCH AS A/C WATER PIPES OR FIBEROPTIC CABLES.
2. ALL VALUES ARE IN METER.
3. ALL LOT INFORMATIONS ARE BASED ON:-
"PORTAL RASMI JABATAN UKUR DAN PEMETAAN MALAYSIA 1391 (BansGeo JUPEM GeoPortal)"
4. COORDINATE ARE BASED ON CASSINI.
5. LEVEL BASED ON BM K5260 (RL: 46.499m) WHICH IS LOCATED ON THE RIGHT SIDE OF JENJANG - SIK ROAD NEAR THE F7/Y1/Z RAMPS AND 50M BEFORE THE BUS STOP.



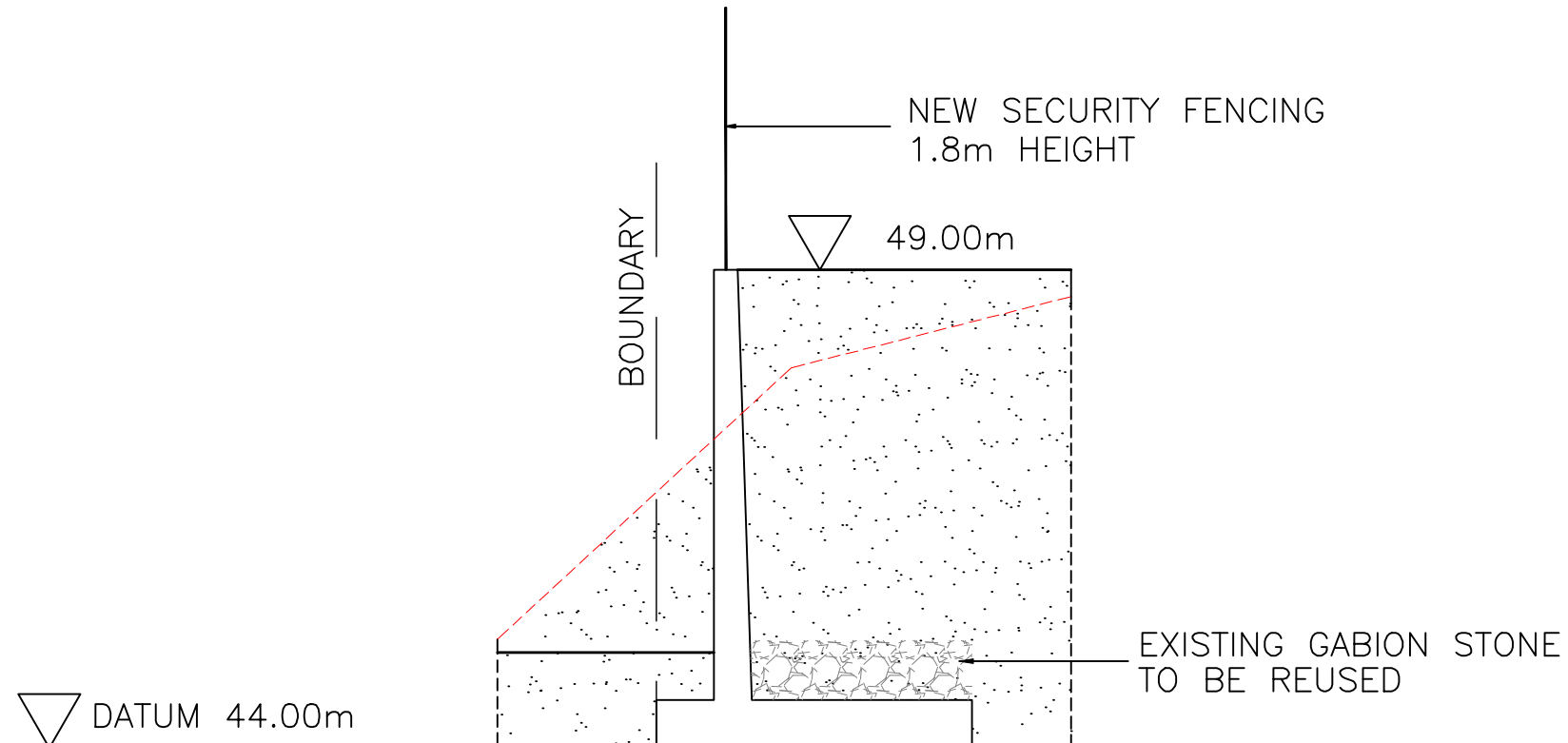
EXISTING GL (m)	46.101		49.136
NEW GL (m)	46.101	49.000	49.000
PROPOSED RWBL (m)	0.00	45.101	45.126
DISTANCE	1.660	0.000	1.702

CH: 5.00m
GL—Ground Level
RWBL—Retaining Wall Base Level
DIL—Drain Invert Level



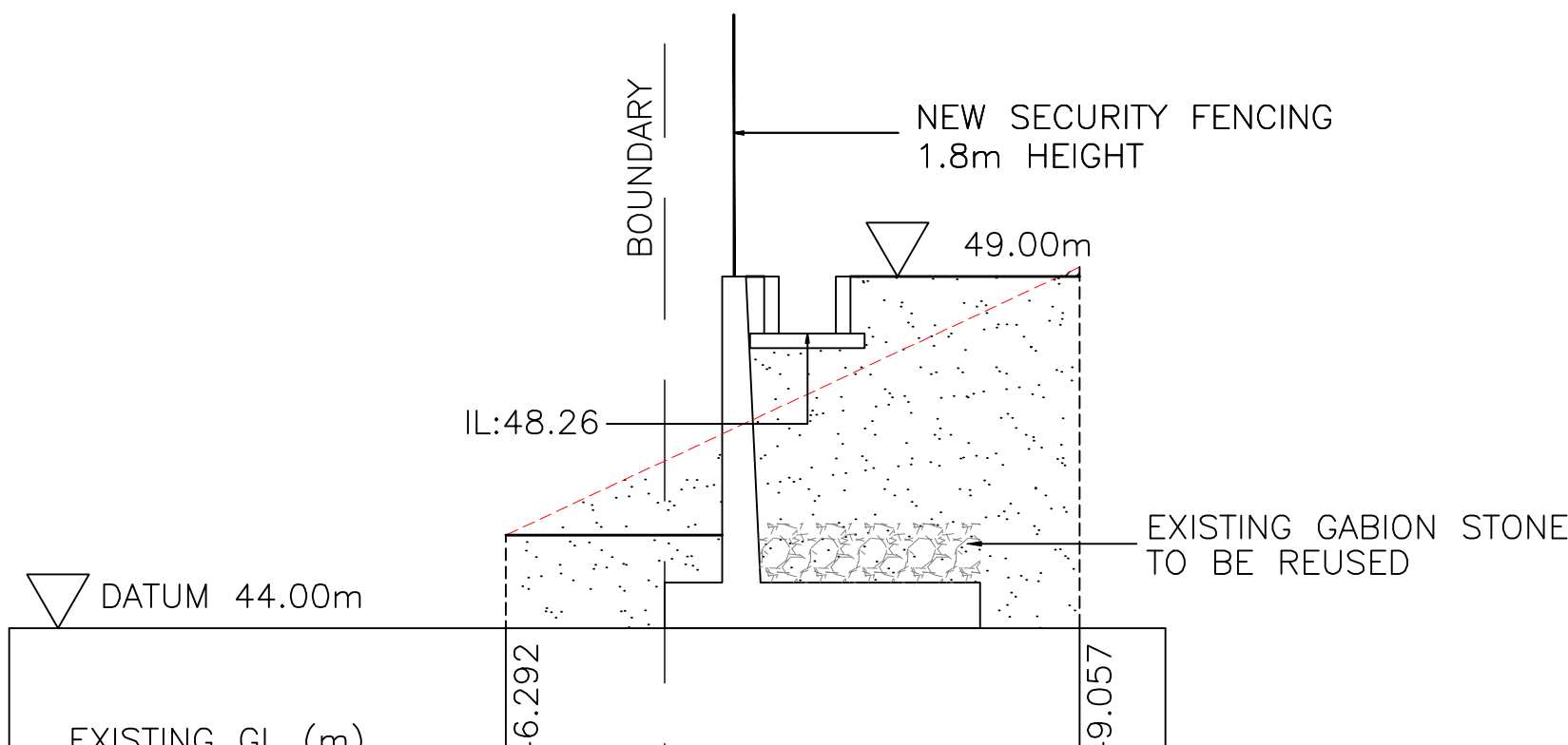
EXISTING GL (m)	44.844		48.985
NEW GL (m)	44.844		49.000
PROPOSED RWBL (m)	0.00	43.844	43.869
DISTANCE	1.660	0.000	1.702

CH: 25.00m



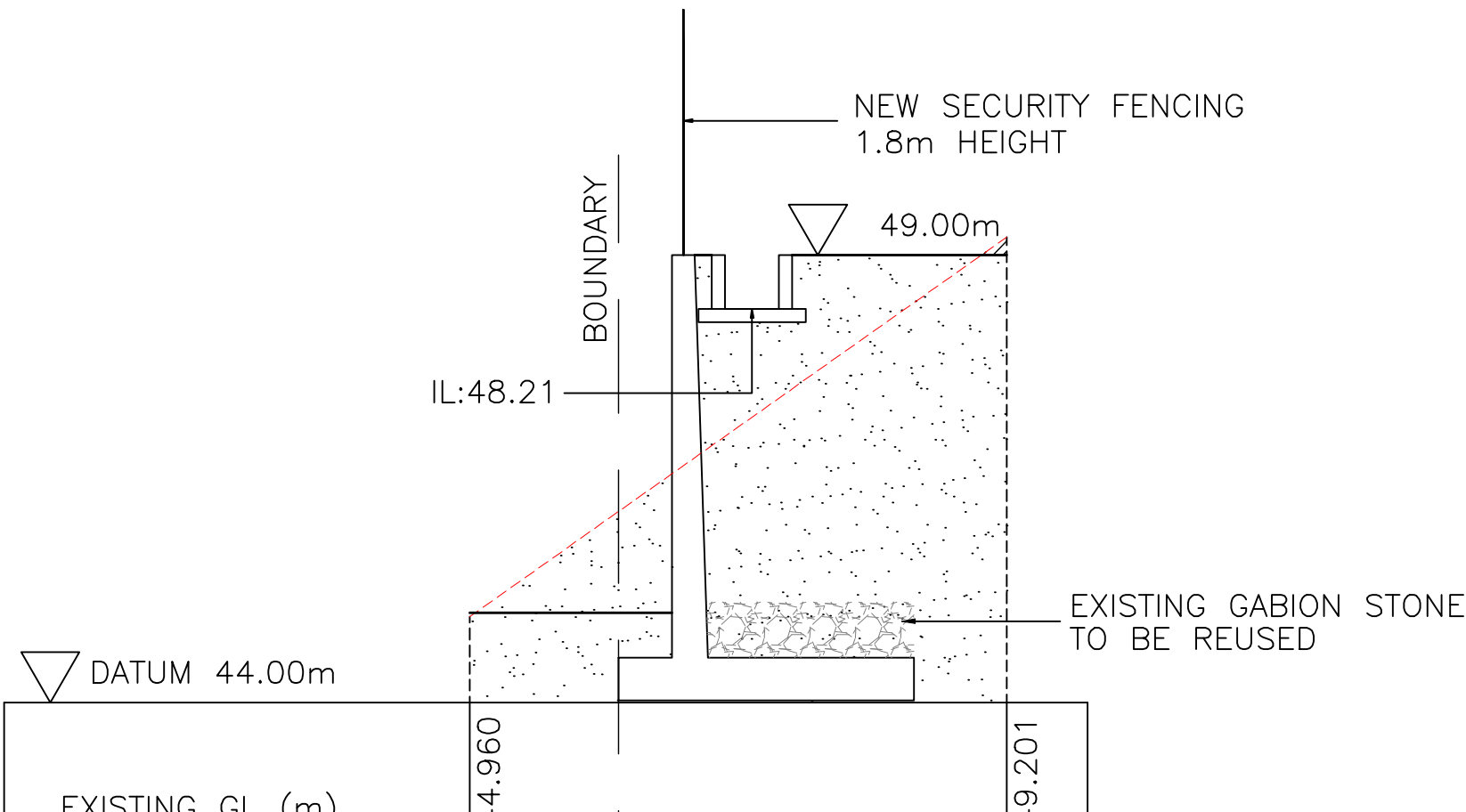
EXISTING GL (m)	45.137		48.721
NEW GL (m)	45.137		49.000
PROPOSED RWBL (m)	0.00	44.137	
DISTANCE	1.660	0.000	1.408

CH: 45.00m



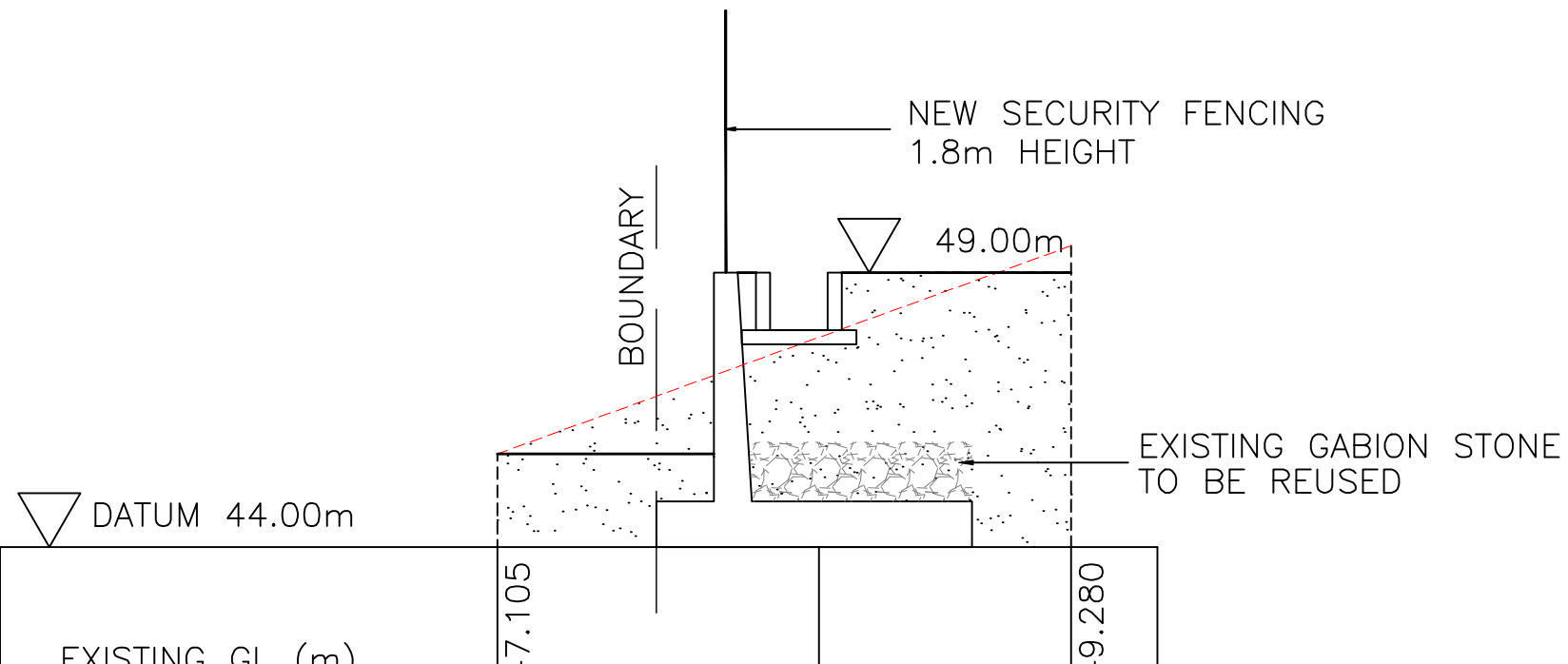
EXISTING GL (m)	46.292		49.057
NEW GL (m)	46.292		49.000
PROPOSED RWBL (m)	0.00	45.292	
DISTANCE	1.660	0.000	4.339

CH: 65.00m



EXISTING GL (m)	44.960		49.201
NEW GL (m)	44.960		49.000
PROPOSED RWBL (m)	0.00	43.960	
DISTANCE	1.660	0.000	4.339

CH: 85.00m



EXISTING GL (m)	47.105		49.280
NEW GL (m)	47.105		49.000
PROPOSED RWBL (m)	0.00	46.105	
DISTANCE	1.660	0.000	4.339

CH: 105.00m

REF	DATE	DESCRIPTIONS

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ENGINEER



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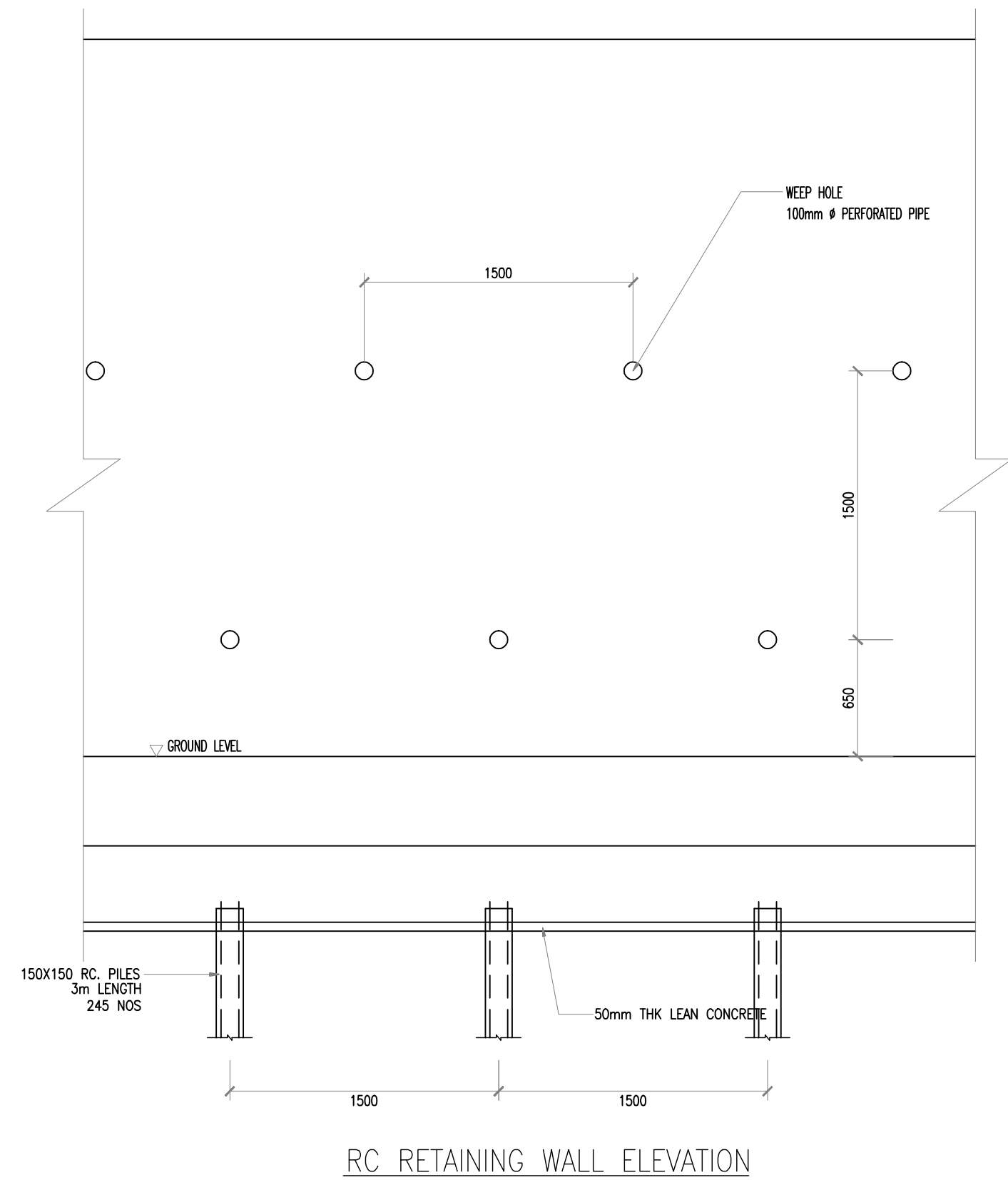
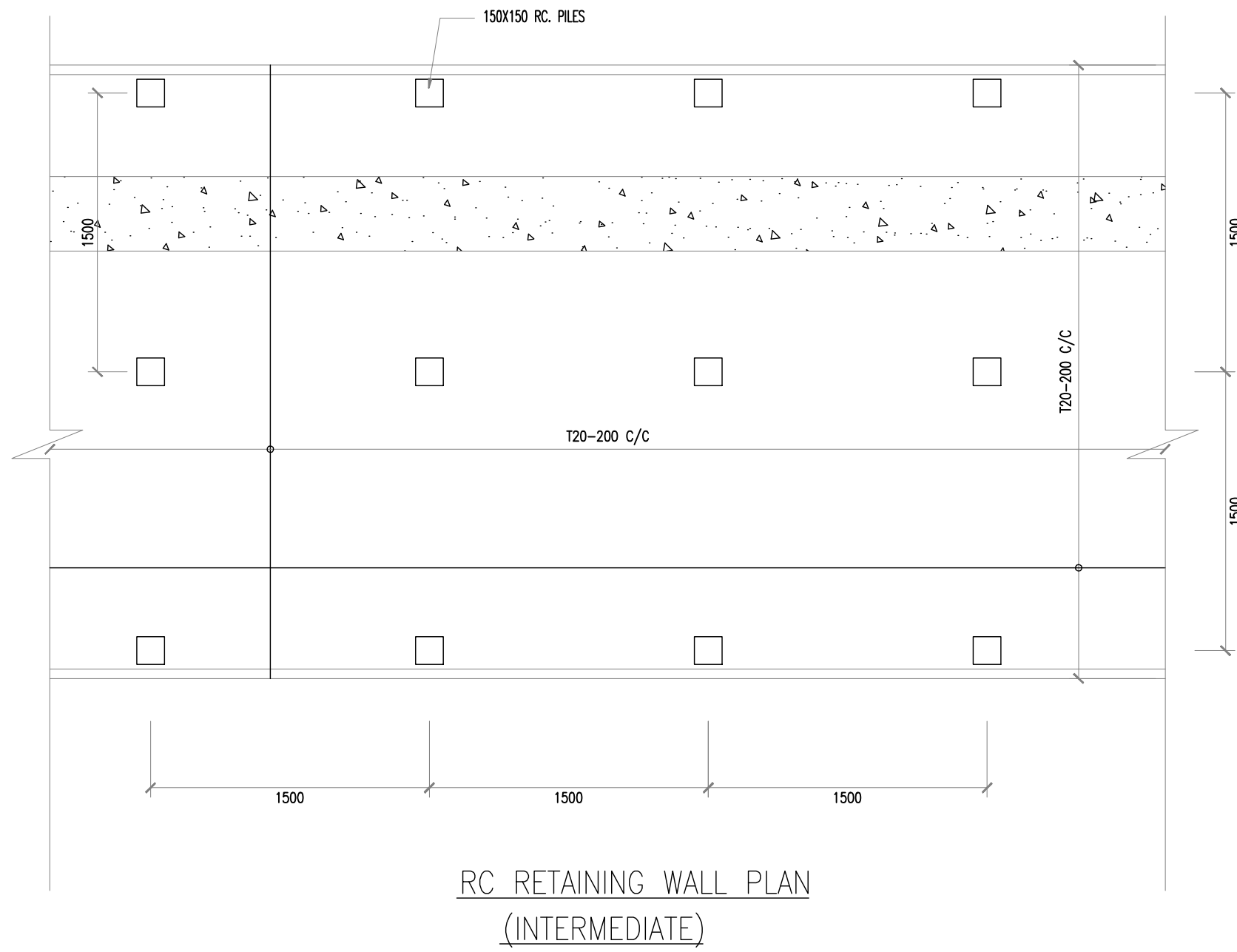
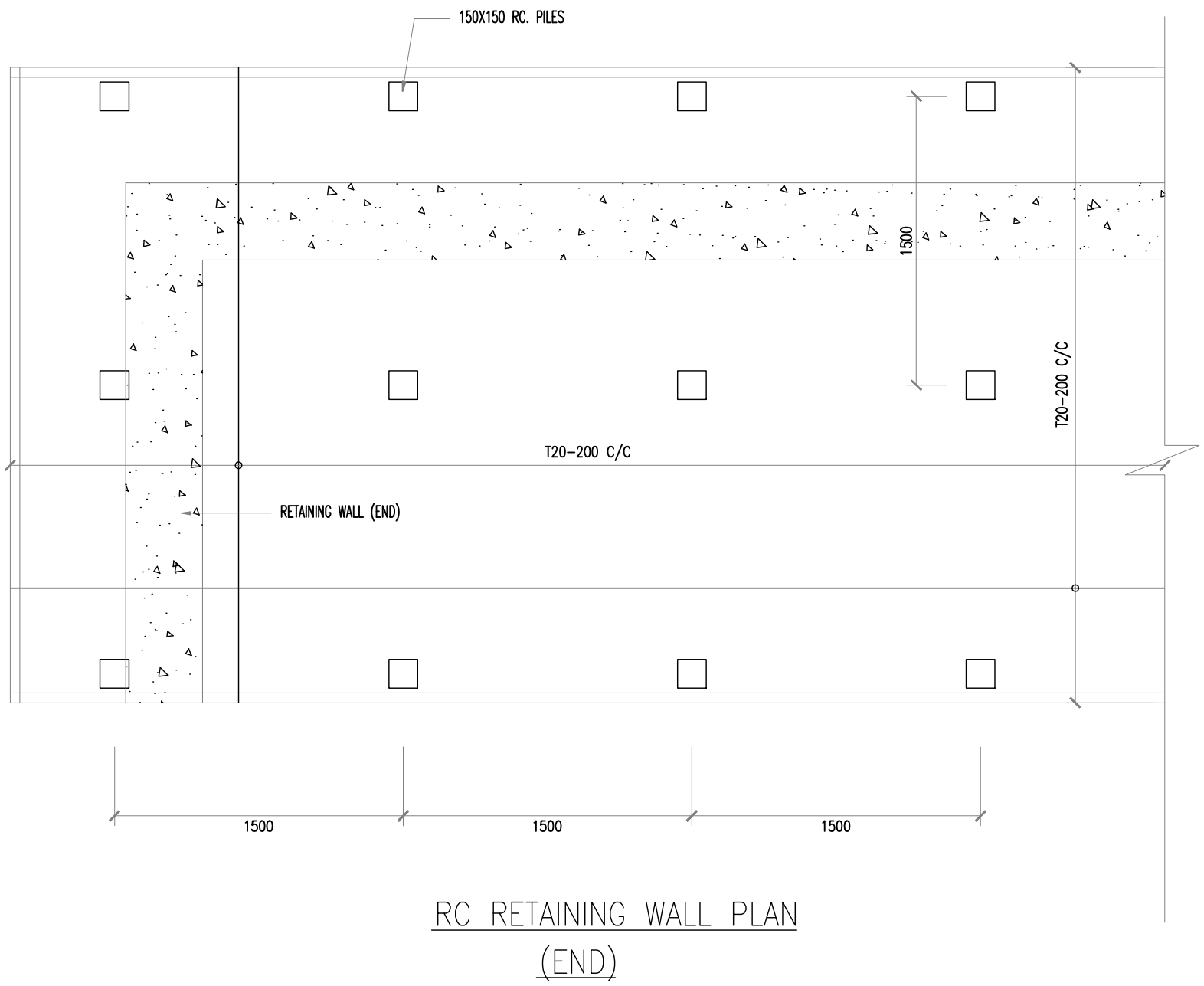
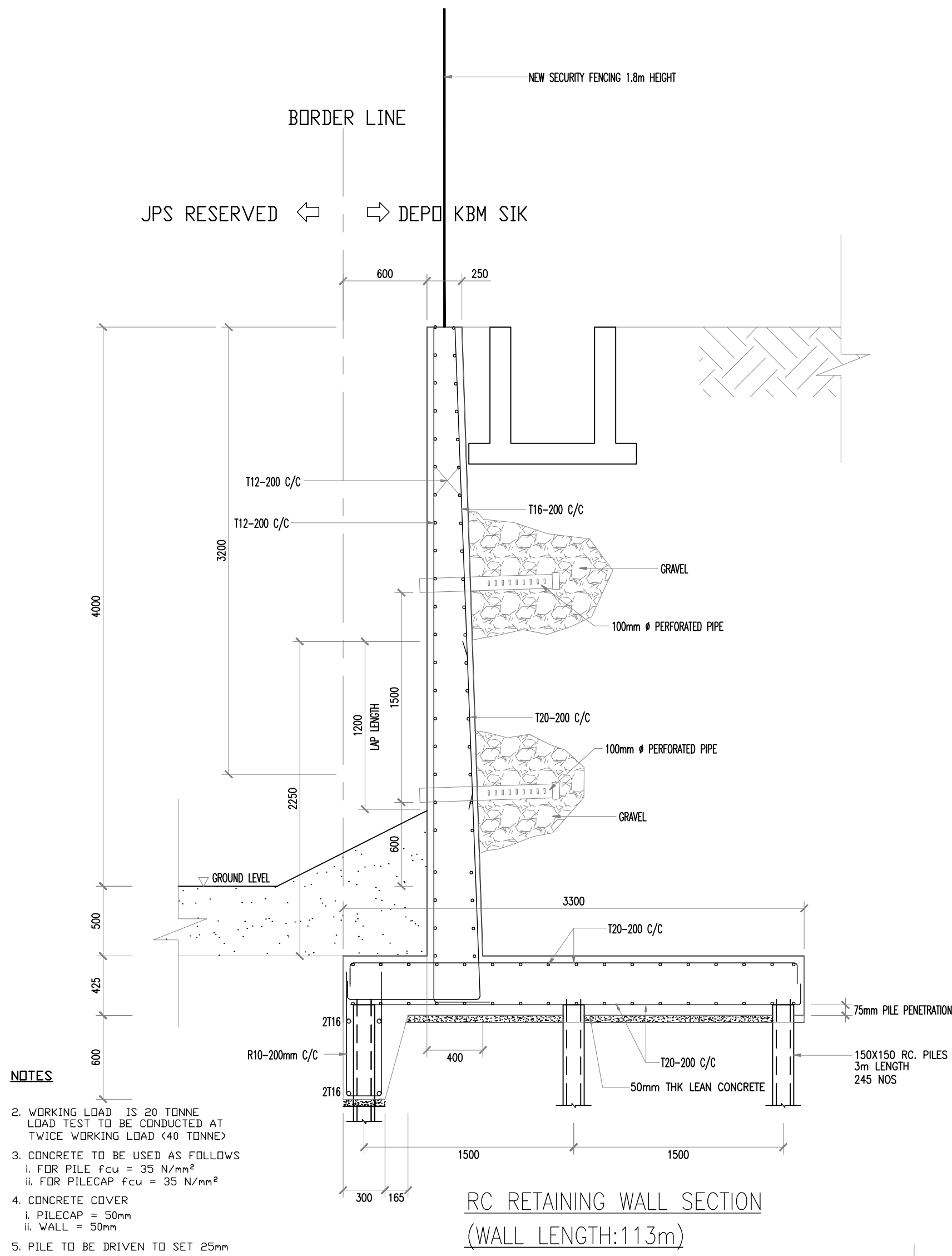
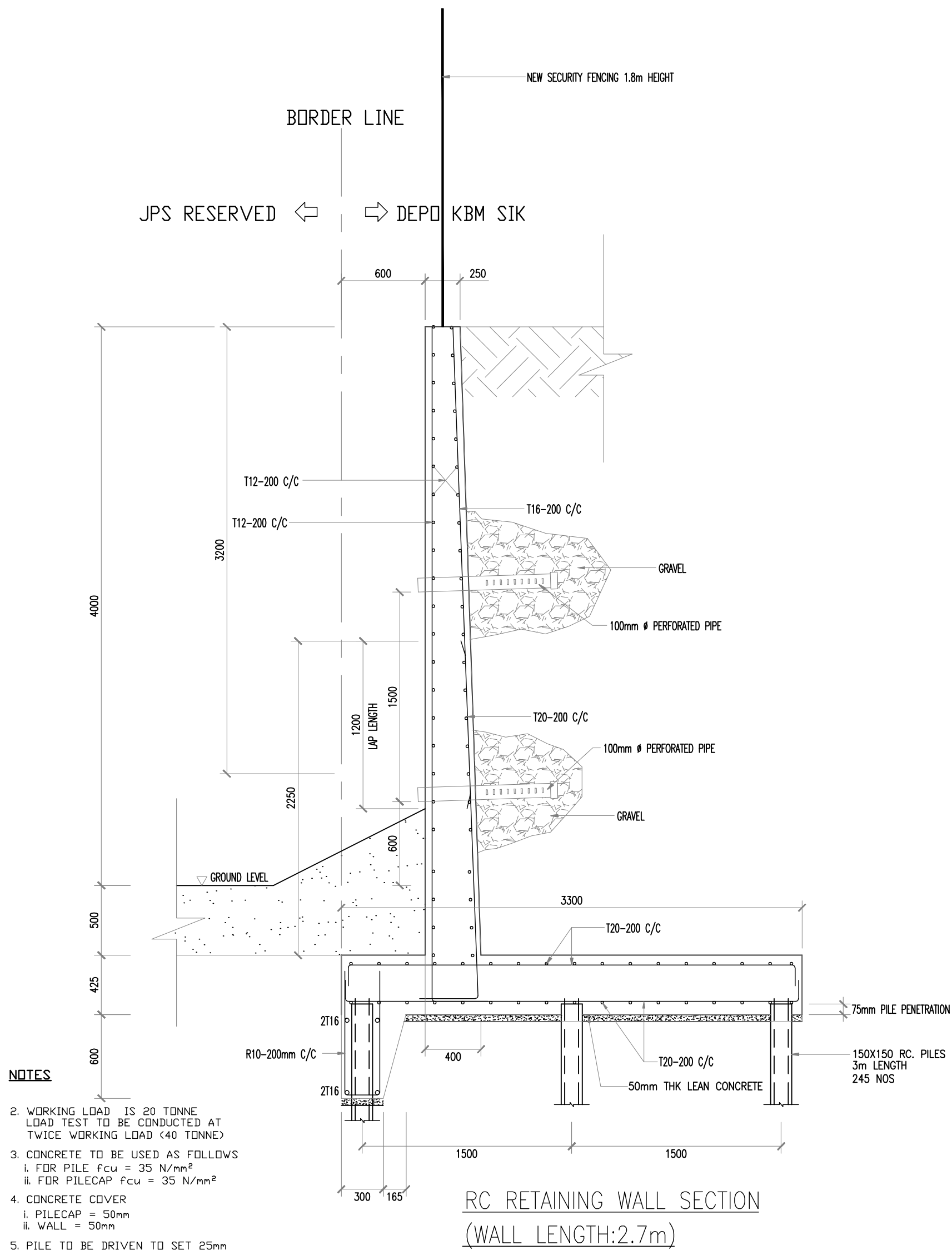
TITLE
CROSS SECTION

SCALE: 1:75
DATE: FEB 2026
SHEET: 3/6

DRAW: d1n
DESIGN BY: Jalani
CHECKED BY: ir nasir

DRAWING NO:NDC/DEPOT MARA SIK/02/2026/RC 03
OWNER'S SIGNATURE

.....



REF	DATE	DESCRIPTIONS

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TITLE

RETAINING WALL DETAIL

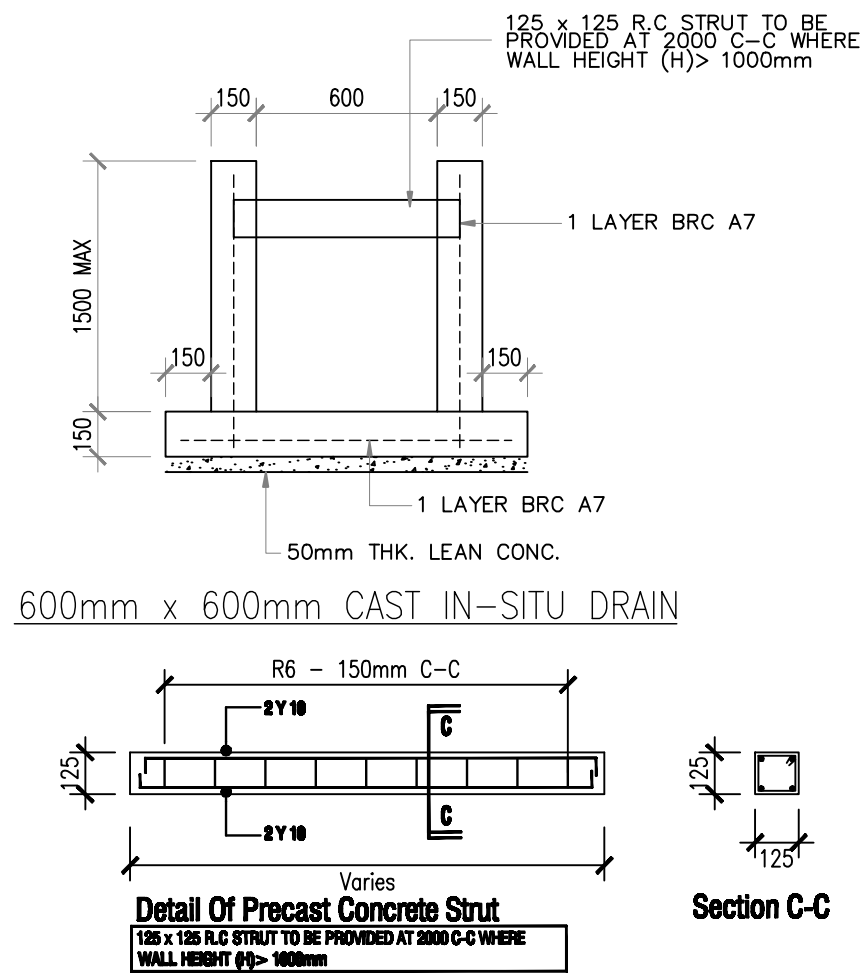
SCALE: 1:30
DATE: FEB 2026
SHEET: 4/6

DRAW: d1n
DESIGN BY: Jalani
CHECKED BY: ir nasir

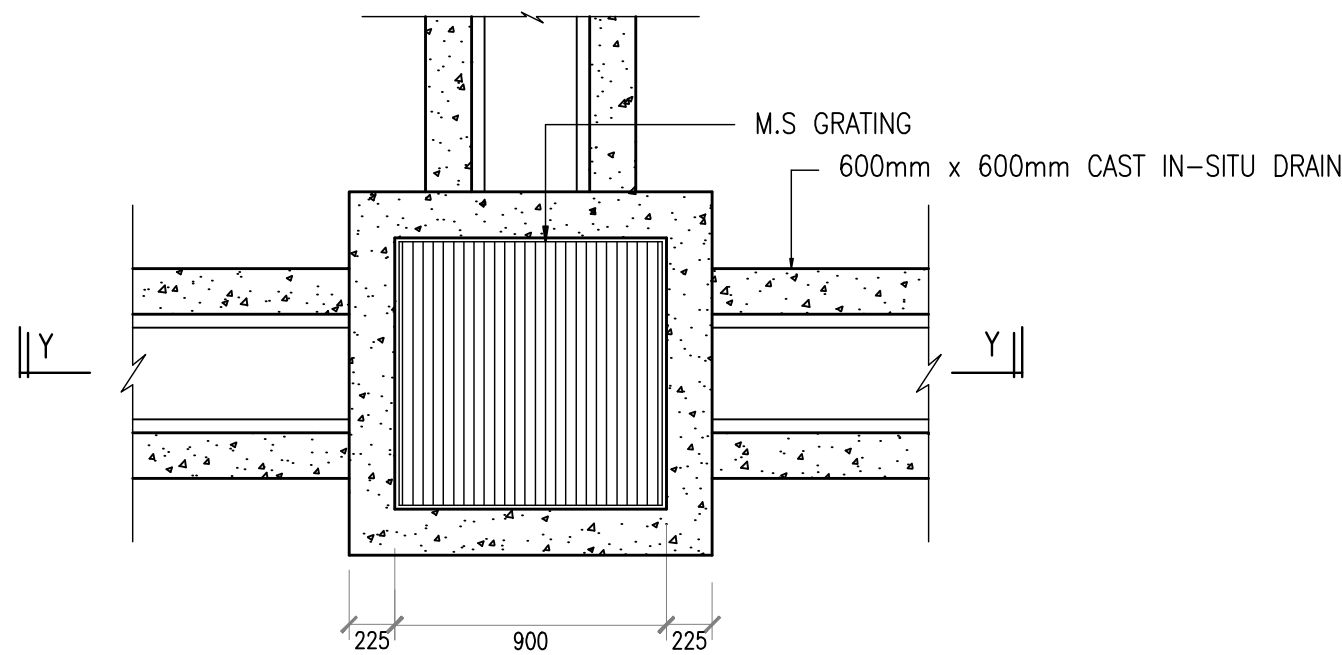
DRAWING NO: NDC/DEPOT MARA SIK/02/2026/RC 04

OWNER'S SIGNATURE

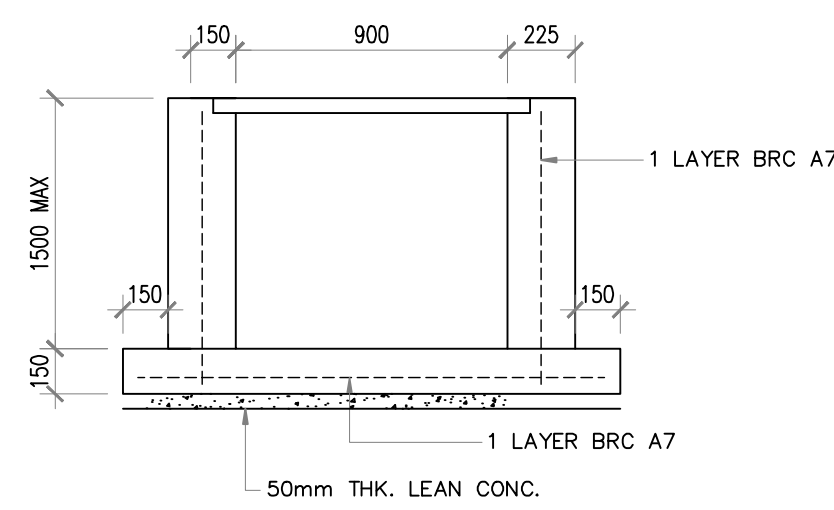
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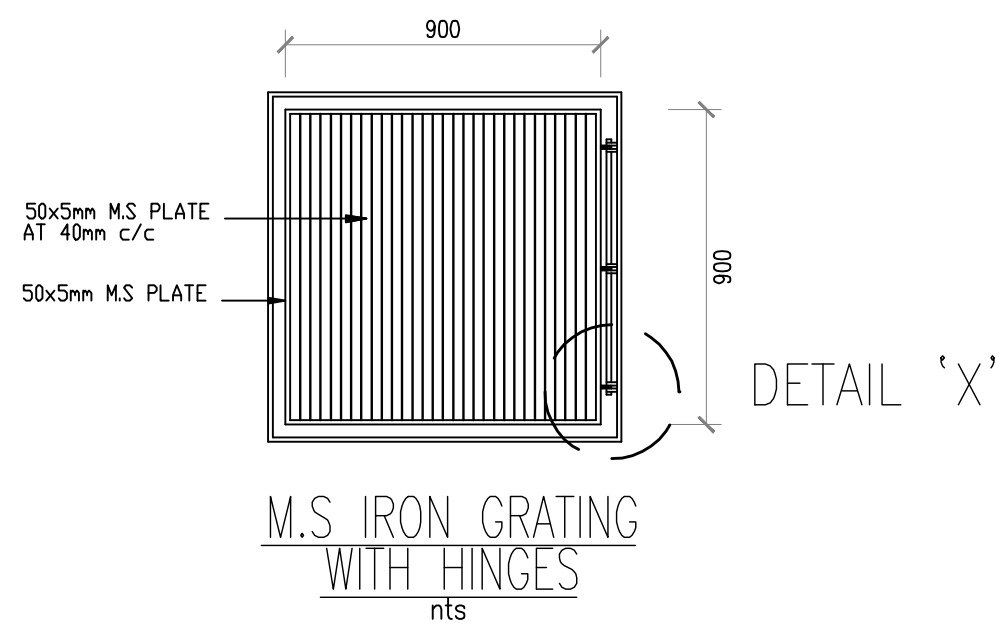
600mm x 600mm CAST IN-SITU DRAIN



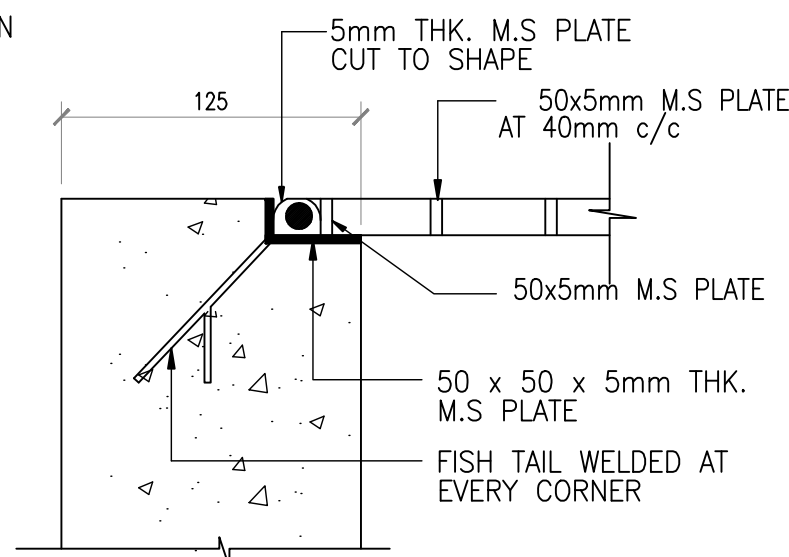
PLAN
TYPICAL DETAIL OF SUMP



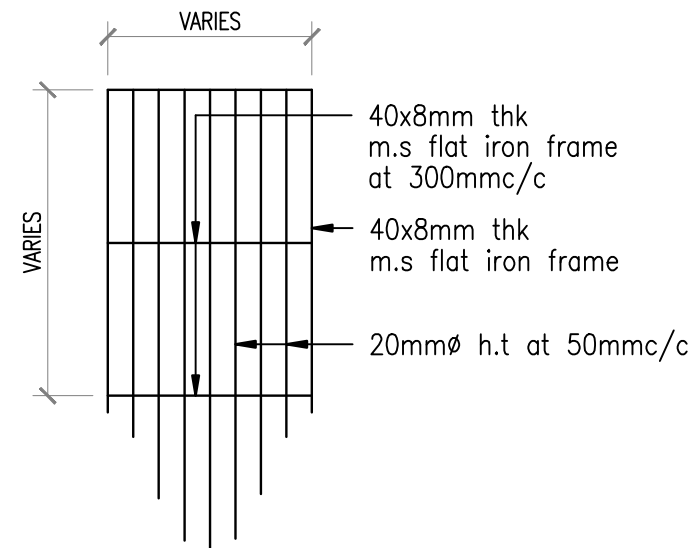
SECTION Y-Y



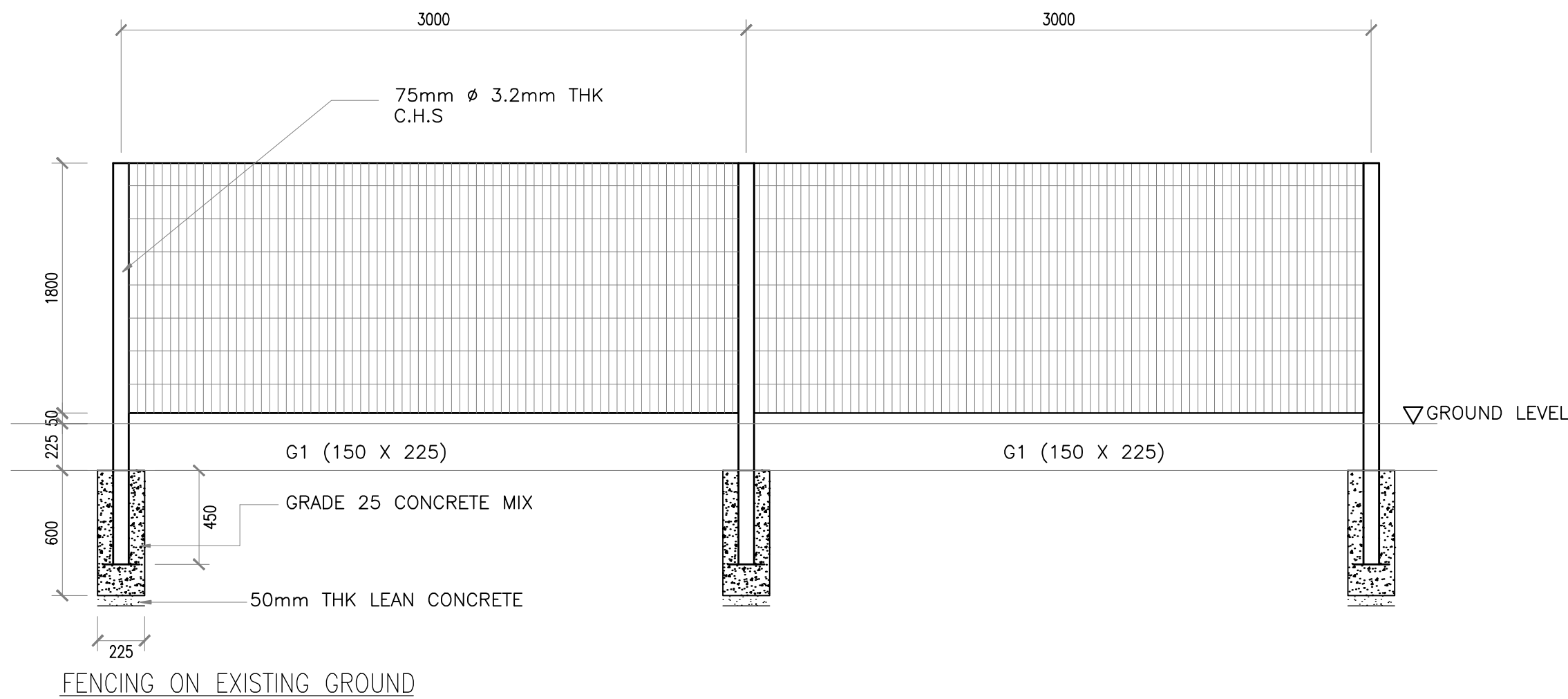
M.S. IRON GRATING
WITH HINGES



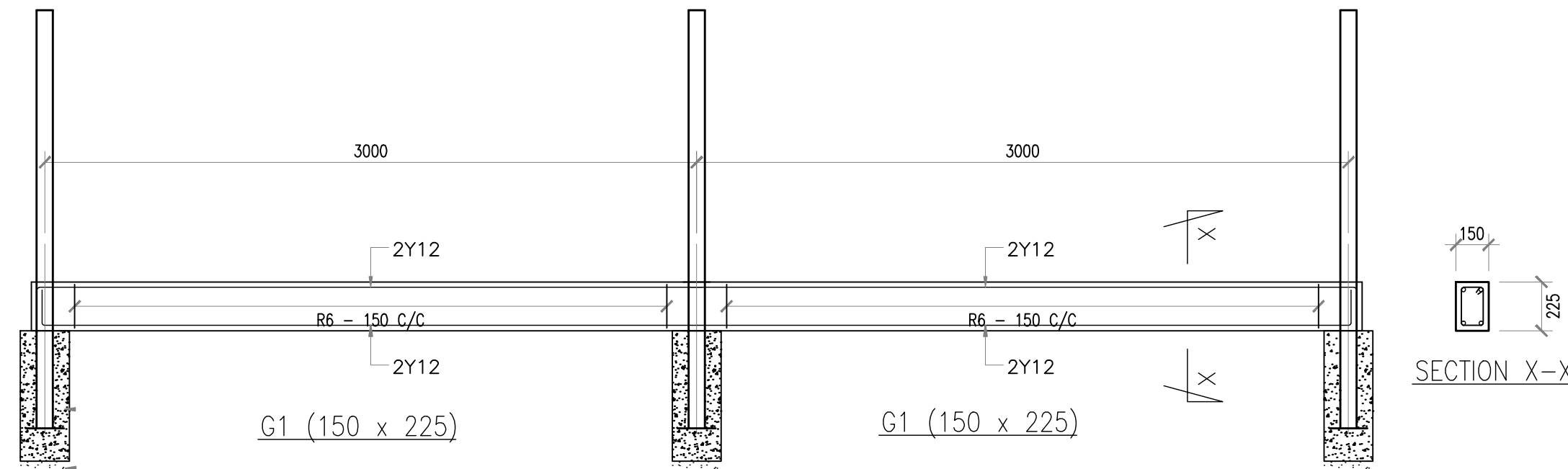
DETAIL 'X' (HANGES DETAIL)



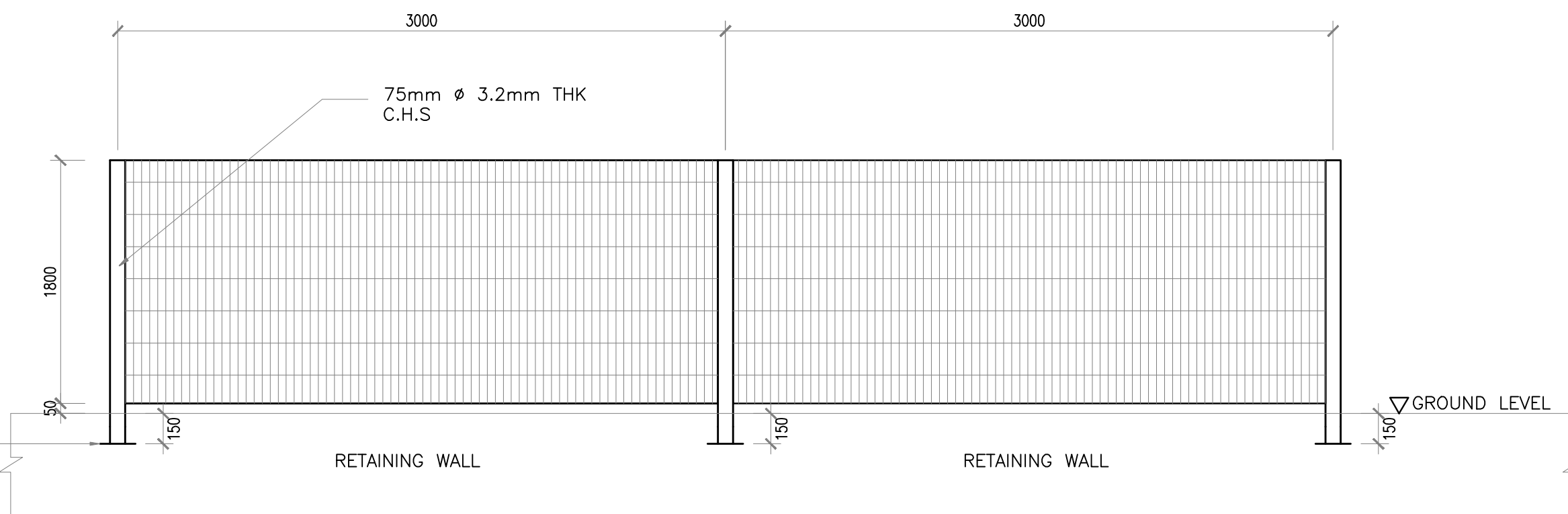
TRASH SCREEN DETAIL



FENCING ON EXISTING GROUND



SECTION X-X



FENCING ON RETAINING WALL

REF	DATE	DESCRIPTIONS

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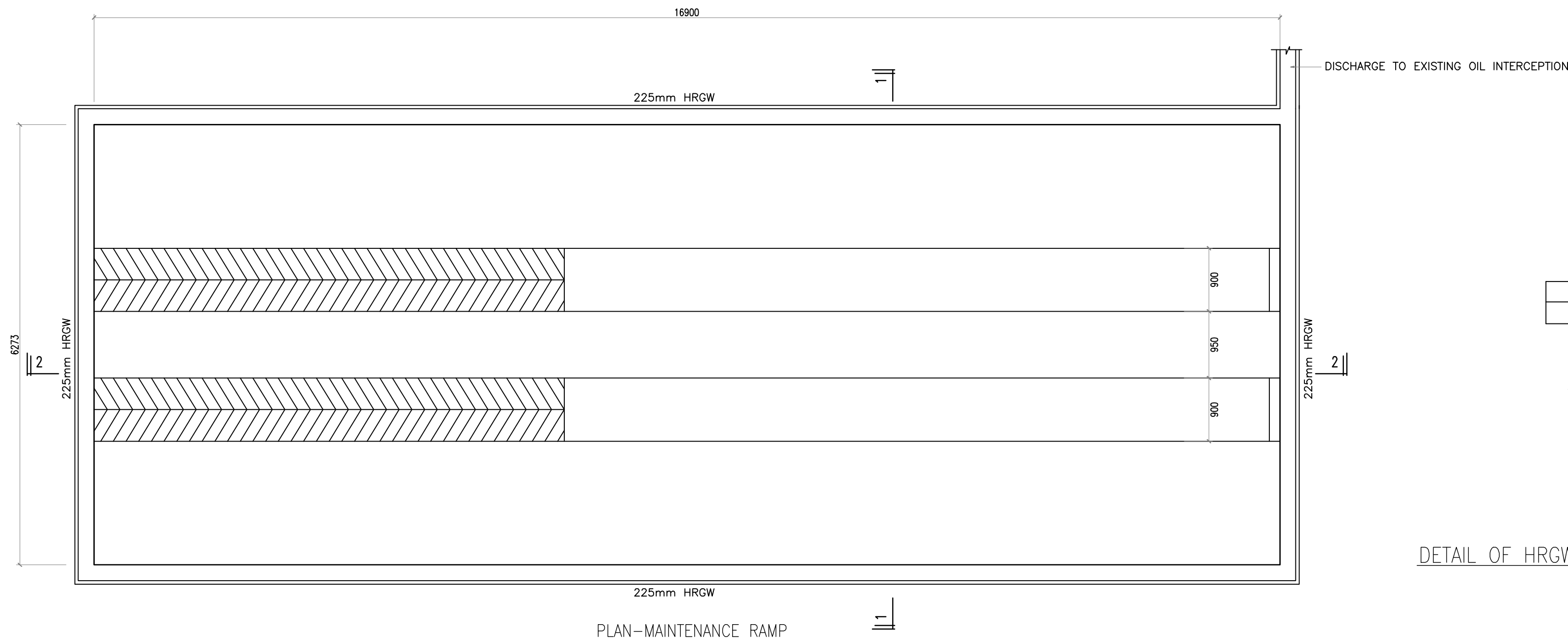
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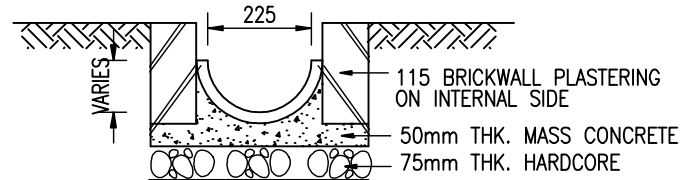
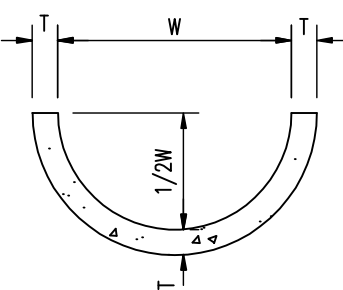
TITLE
DRAINAGE DETAIL
SECURITY FENCE DETAIL

SCALE: 1:25
DATE: FEB 2026
SHEET: 5/6
DRAW: d1n
DESIGN BY: Jalani
CHECKED BY: ir nasir

DRAWING NO:NDC/DEPOT MARA SIK/02/2026/RC 05
OWNER'S SIGNATURE

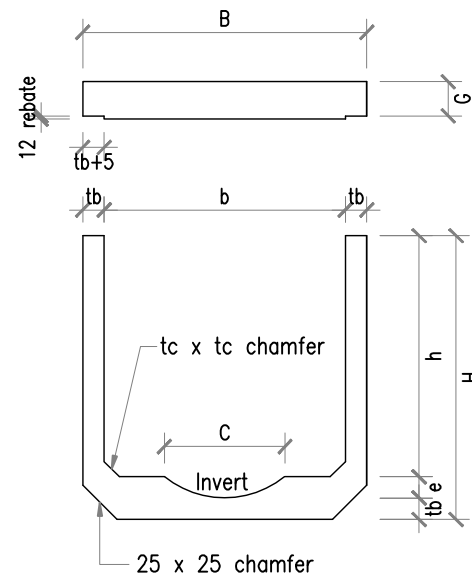
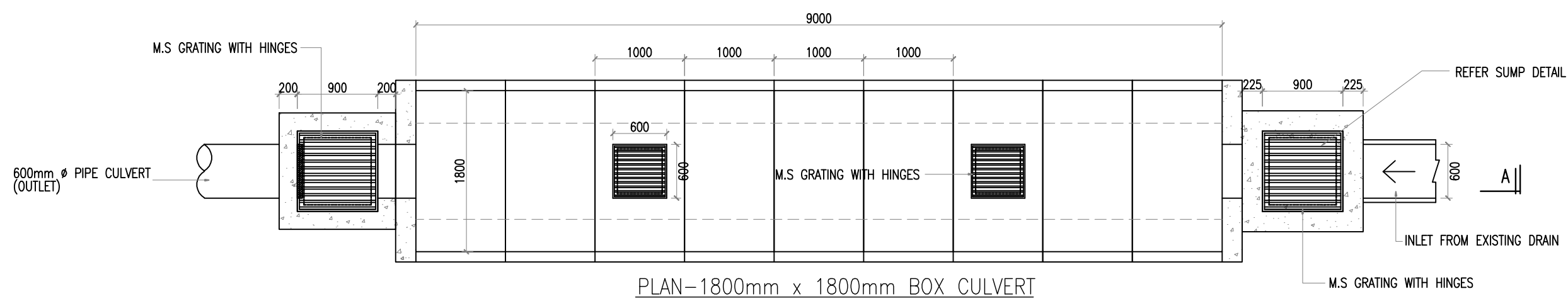
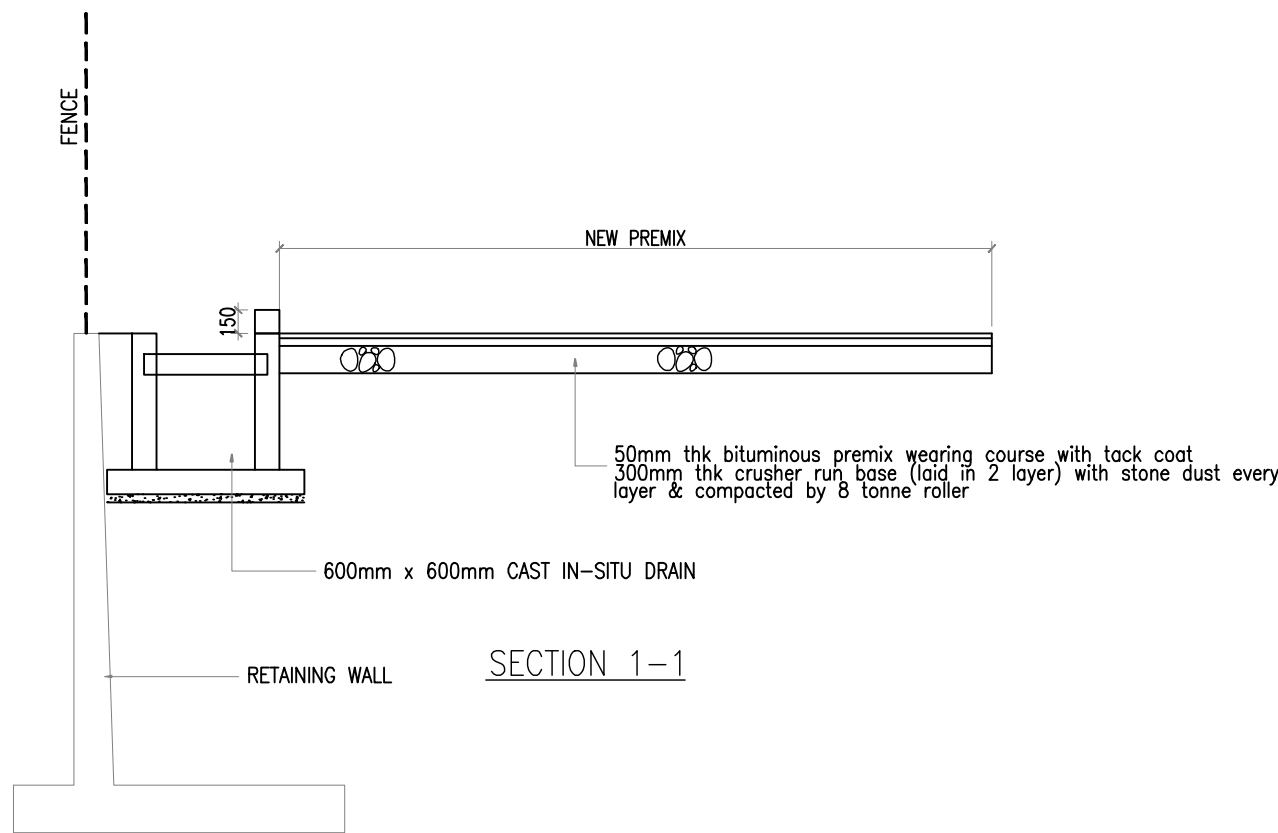
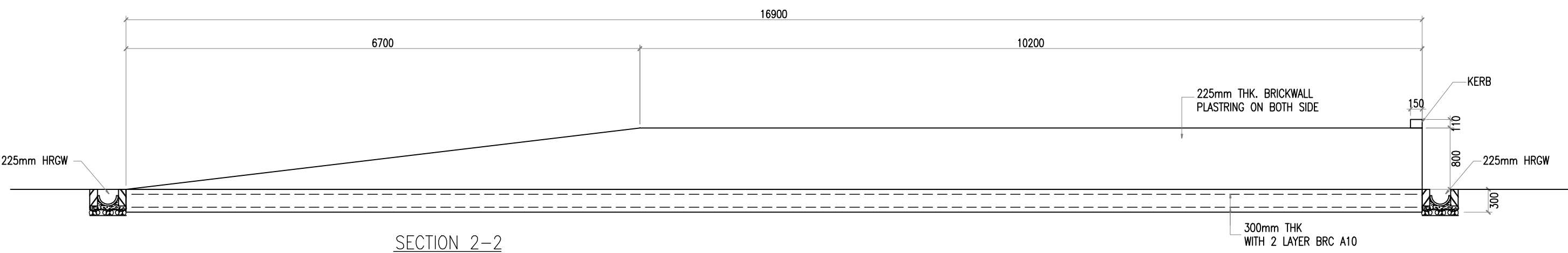
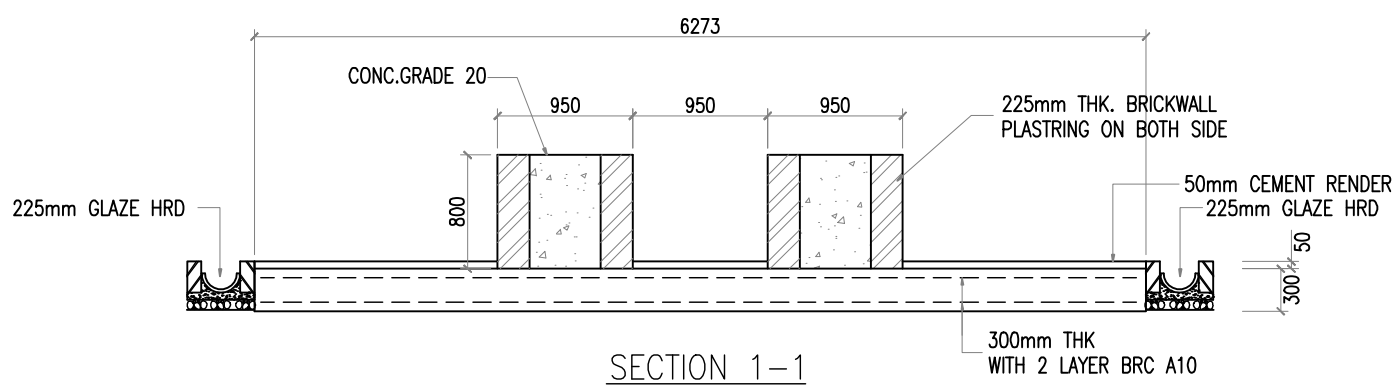


W (DRAIN SIZE)	T	1/2 W
225	38	112.5



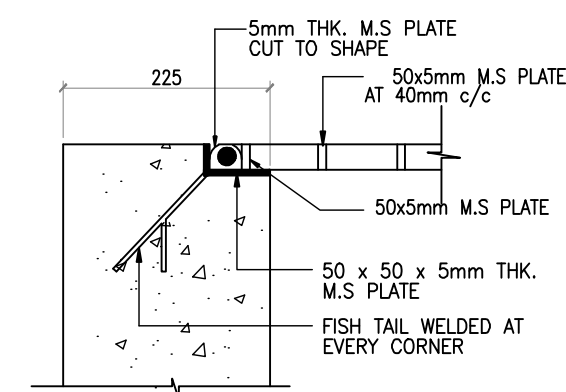
225mm HRGW(HALF ROUND GLAZED WARE) DRAIN

DETAIL OF HRGW(HALF ROUND GLAZED WARE) DRAIN

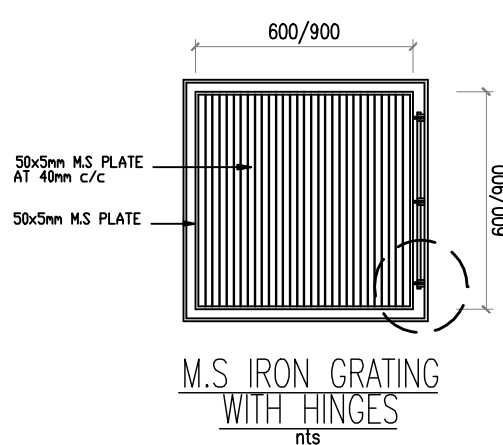


Norminal Saiz (mm)		Dimension (mm)							LID
b	h	B	H	tb	C	e	R	G	WEIGHT TONNES
1800	1800	2030	2040	115	1075	225	755	175	0.87

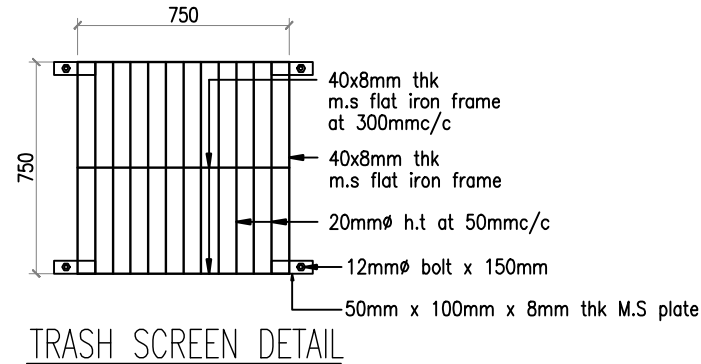
DIMENSION OF BOX CULVERT (WITH DRY WHEATHER FLOW)



DETAIL 'X' (HANGES DETAIL)



DETAIL 'X'



TRASH SCREEN DETAIL

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HAKISAN CERUN DAN LAIN-LAIN KERJA
YANG BERKAITAN DI BENGKEL
KENDERAAN BAS MARA (KBM) SIK,
KEDAH.

TITLE
MAINTENANCE RAMP DETAIL
OSD DETAIL

SCALE: 1:50
DATE: FEB 2026
SHEET: 6/6
DRAW: d1n
DESIGN BY: Jalani
CHECKED BY: ir nasir

DRAWING NO:NDC/DEPOT MARA SIK/02/2026/RC 06
OWNER'S SIGNATURE