

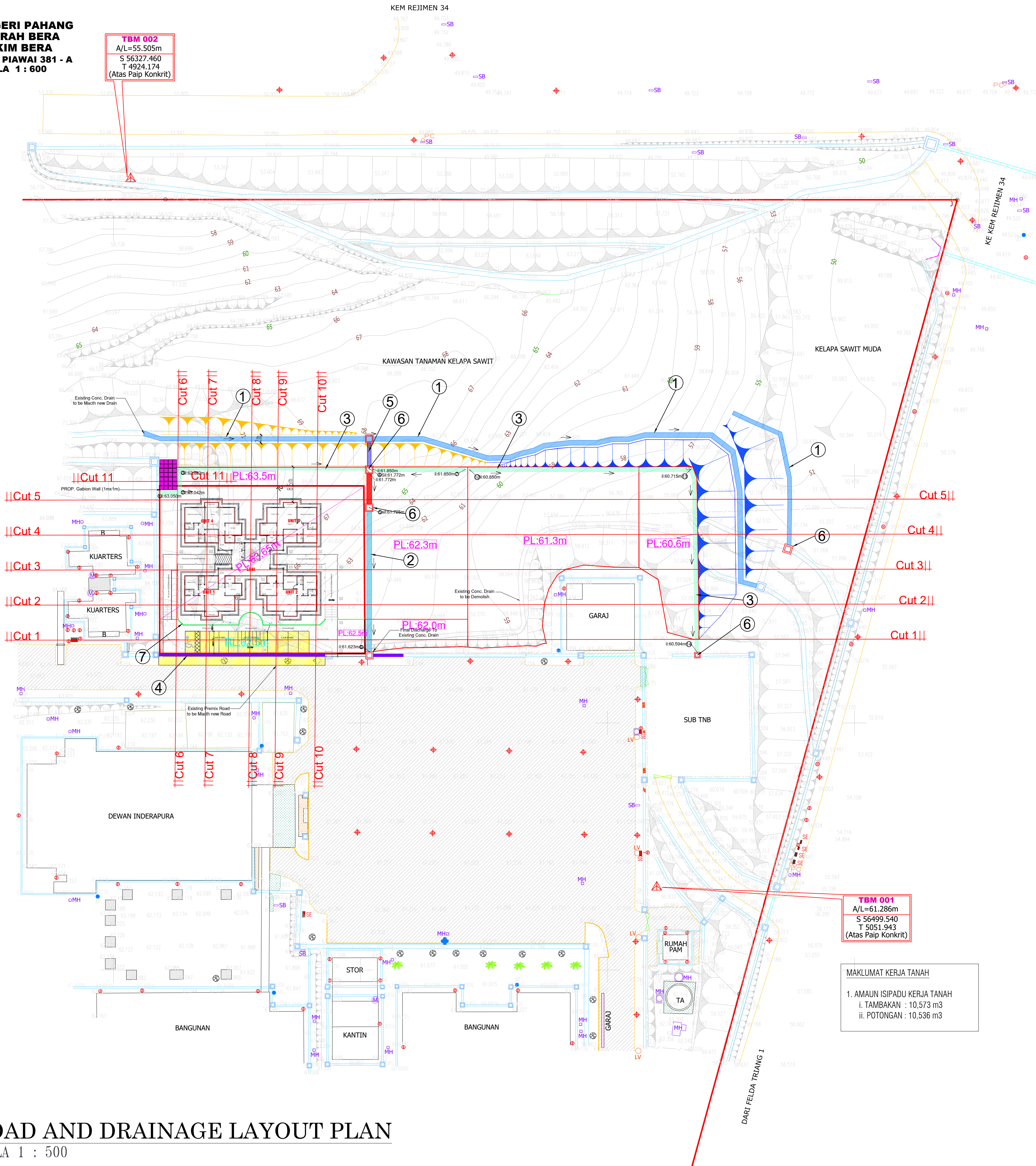
NOTES :

- Sub-grade material shall have a minimum partical size of 75mm or less, and shall have a soaked CBR Value not less than 5%.
- Subbase material shall have a CBR Value of 30 or more when compacted to 95% of the maximum dry density determined in the B.S. 1377 Compaction Test (4.5kg rammer method) and soaked for 4 days under a surcharge 4.5kg. The gradation shall conform to one of the envelops showns in the table 4.1 Clause 4.1.2.2 J.K.R Spesifikasi for Roadworks.
- Roadbase material shall have a CBR value of not Less Than 80 when compacted to 95% of the maximum dry density determined in the B.S. 1377 Compaction Test (4.5mm rammer method) and soaked for 4 days under a surcharge 4.5kg.

LEGEND :

- | | |
|--|----------------------|
| PL: 63.65m | PROP. PLATFORM LEVEL |
| RL: 62.50m | PROP. ROAD LEVEL |
| PROP. PREMIX ROAD | |
| EXISTING ROAD | |
| (1) PROP. 1200mm V-SHAPE DRAIN | |
| (2) PROP. 1200mm U-DRAIN | |
| (3) PROP. 900mm U-DRAIN | |
| (4) PROP. 600mm CONC. DRAIN WITH COVER (CONCRETE SLAB) | |
| (5) PROP. 600mm CASCADE DRAIN | |
| (6) PROP. 1200mm x 1200mm T.W. BRICK SUMP | |
| DRAINAGE NODE | |
| FLOW DIRECTION | |
| IL | INVERT LEVEL |
| EXISTING CONCRETE DRAIN | |
| PROP. SLOPE (CUT) | |
| PROP. SLOPE (FILL) | |
| PROP. GABION WALL | |
| (7) PROP. RUBBER WALL | |

**NEGERI PAHANG
DAERAH BERA
MUKIM BERA
SYIT PAIAWAI 381 - A
SKALA 1 : 600**



kelulusan:

PROJEK:

CADANGAN PEMBANGUNAN 1 BLOK KUARTERS GURU 2 TINGKAT DI ATAS SEBAHAGIAN LOT 100508 (MAKTAB RENDAH SAINS MARA (MRSM) ATM BERA) SELUAS 0.500 EKAR, MUKIM BERA, DAERAH BERA, PAHANG DARUL MAKMUR UNTUK TETUAN MAJLIS AMANAH RAKYAT (MARA)

TITLE:

ROAD AND DRAINAGE LAYOUT PLAN

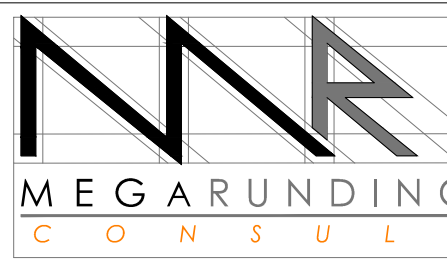
OWNER :

MOHD RIDHWAN BIN ABD YAZID
Pegawai
Bahagian Binaan & Selenggaraaan
Majlis Amanah Rakyat (MARA)
NO.KP : 720704-03-5451



MAJLIS AMANAH RAKYAT (MARA)
IBU PEJABAT MARA, NO 21, JALAN MARA,
50609, KUALA LUMPUR
TEL : 0326132000 FAX : 0326949661

JURUTERA AWAM DAN STRUKTUR :

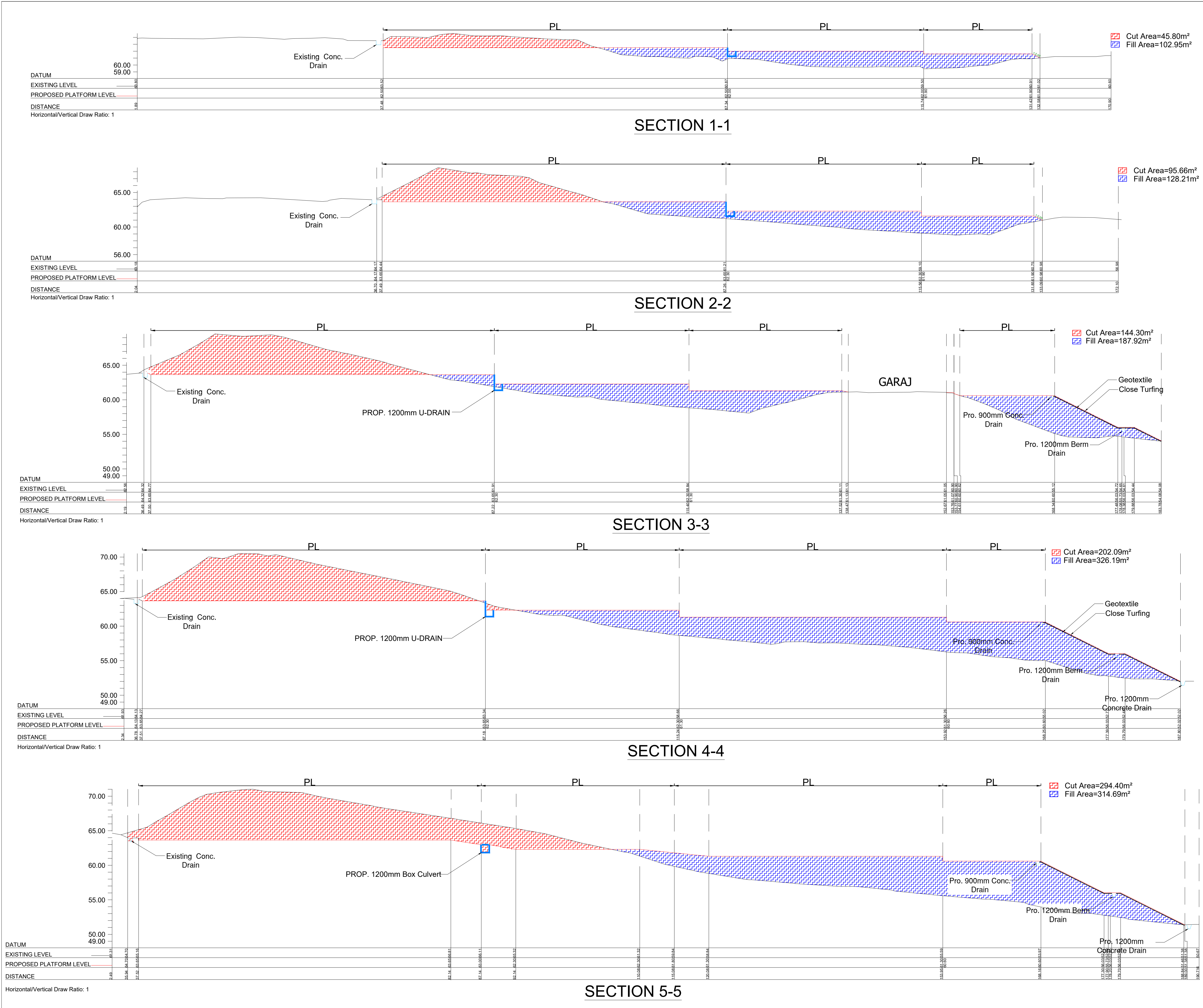


NO. PT 30428, TINGKAT 1,
TAMAN HIDAYAT, GONG BADAK,
21300 KUALA TERENGGANU,
TERENGGANU DARUL IMAN
TEL : 09 446 5439 FAX : 09 446 5429
EMAIL : megarunding@gmail.com
BERM REG. : 1413-1000-SP-1253

PERAKUAN JURUTERA BERDAFTAR :

"Saya memperakui bahawa segala butiran dalam pelan-pelan adalah menurut kehendak Undang-Undang Keciil Bangunan Terengganu 1984 dan saya setuju, berina tanggungjawab pelan dengan sewajarnya"

SCALE :	AS SHOWN	PROJECT NO.
DATE :	NOVEMBER 2024	AZ/MRSM 01/25/24/R&D
PAGE :	1 / 5	



kelulusan:

PROJEK:
CADANGAN PEMBANGUNAN 1 BLOK KUARTERS GURU 2 TINGKAT DI ATAS SEBAHAGIAN LOT 100508 (MAKTAB RENDAH SAINS MARA (MRSM) ATM BERA) SELUAS 0.500 EKAR, MUKIM BERA, DAERAH BERA, PAHANG DARUL MAKMUR UNTUK TETUAN MAJLIS AMANAH RAKYAT (MARA)

TITLE:

- DETAIL SECTION EARTH WORKS

OWNER :

MOHD RIDHWAN BIN ABD YAZID
Pegawai
Bahagian Binaan & Selenggaraaan
Majlis Amanah Rakyat (MARA)
NO.KP : 720704-03-5451

MAJLIS AMANAH RAKYAT (MARA)
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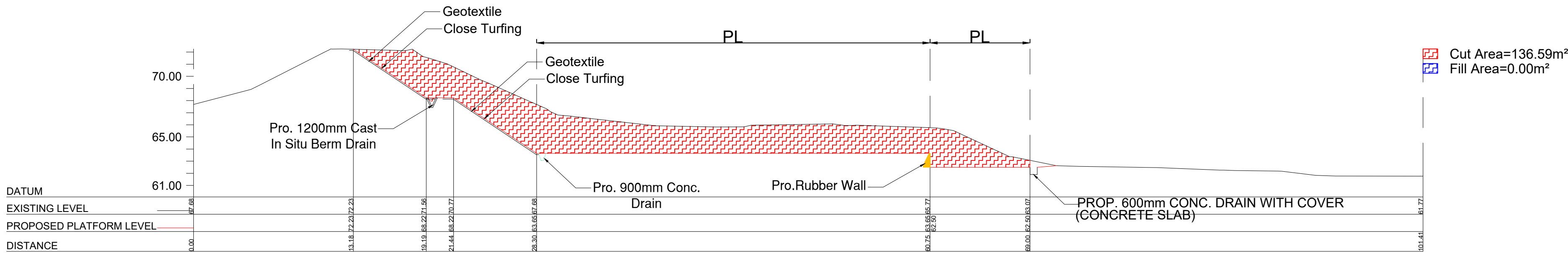
JURUTERA AWAM DAN STRUKTUR :

NO. PT 30428, TINGKAT 1,
TAMAN HIDAYAH, GONG BADAK,
21300 KUALA TERENGGANU,
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BEM REG. : 1413+1000-SP-1253

PERAKUAN JURUTERA BERDAFTAR :

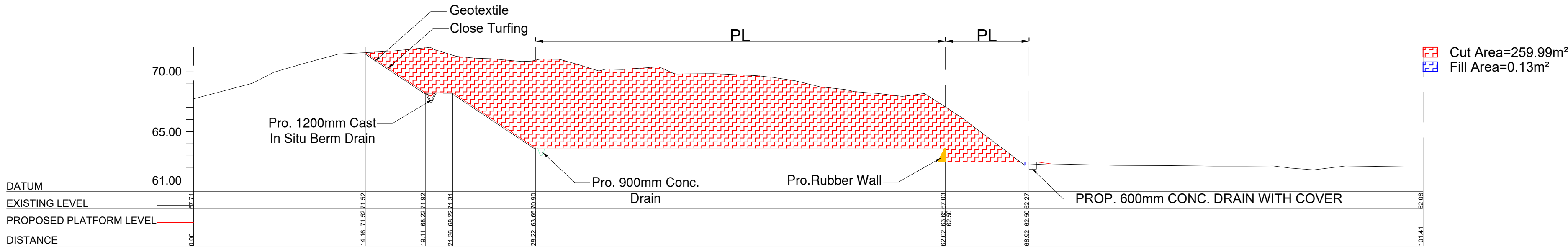
"Saya memperakui bahawa segala butiran dalam pelan-pelan adalah menurut kelengkapan Undang-Undang Kech Bangunan Sarangin 1984 dan saya setuju, terima tanggungjawab pelan dengan sewajarnya"

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DATE : NOVEMBER 2024
PAGE : 2 / 5



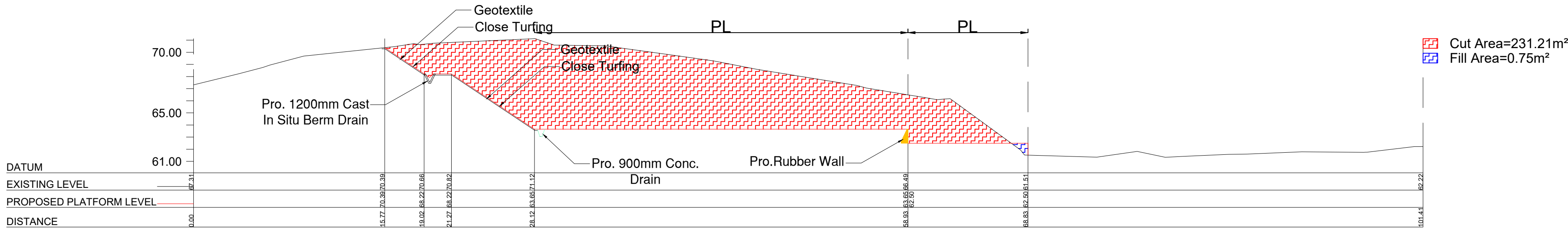
SECTION 6-6

Horizontal/Vertical Draw Ratio: 1



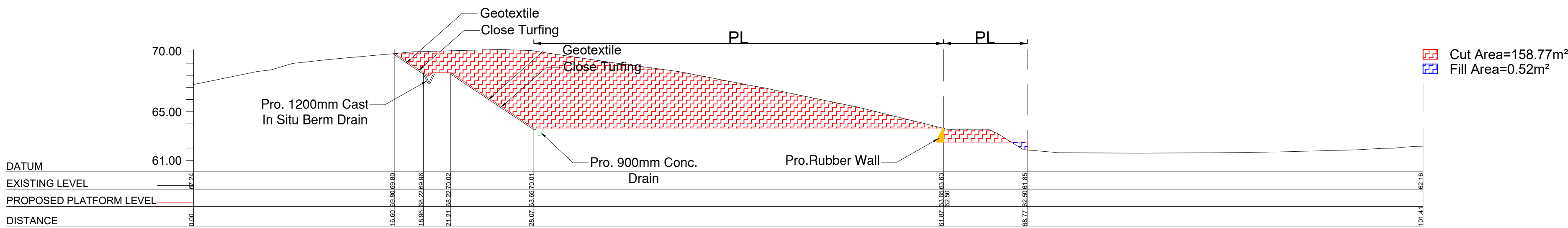
SECTION 7-7

Horizontal/Vertical Draw Ratio: 1



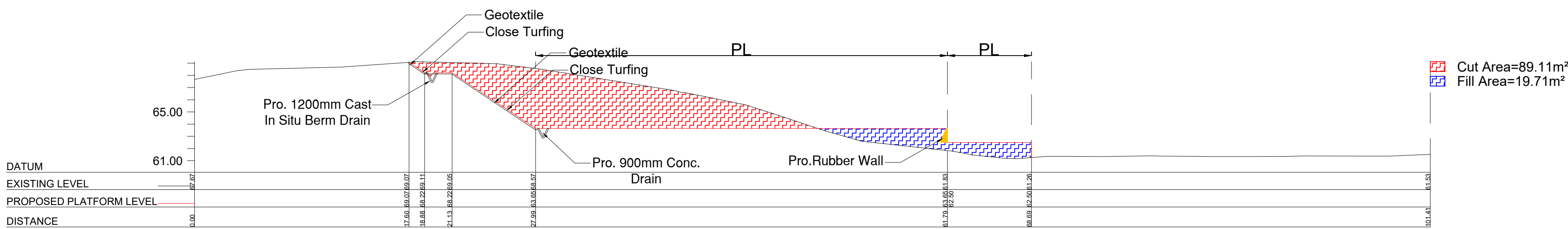
SECTION 8-8

Horizontal/Vertical Draw Ratio: 1



SECTION 9-9

Horizontal/Vertical Draw Ratio: 1



SECTION 10-10

Horizontal/Vertical Draw Ratio: 1

kelulusan:

PROJEK:

CADANGAN PEMBANGUNAN 1 BLOK KUARTERS GURU 2 TINGKAT DI ATAS SEBAHAGIAN LOT 100508 (MAKTAB RENDAH SAINS MARA (MRSM) ATM BERA) SELUAS 0.500 EKAR, MUKIM BERA, DAERAH BERA, PAHANG DARUL MAKMUR UNTUK TETUAN MAJLIS AMANAH RAKYAT (MARA)

TITLE:

- DETAIL SECTION EARTH WORKS

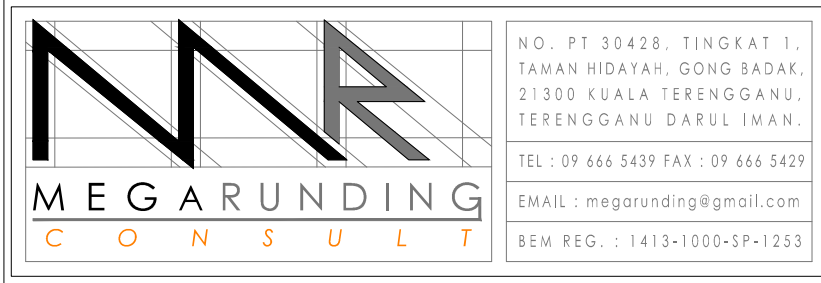
OWNER :

MOHD RIDHWAN BIN ABD YAZID
Pengerah
Bahagian Binaan & Selenggaraaan
Majlis Amanah Rakyat (MARA)
NO.KP : 720704-03-5451



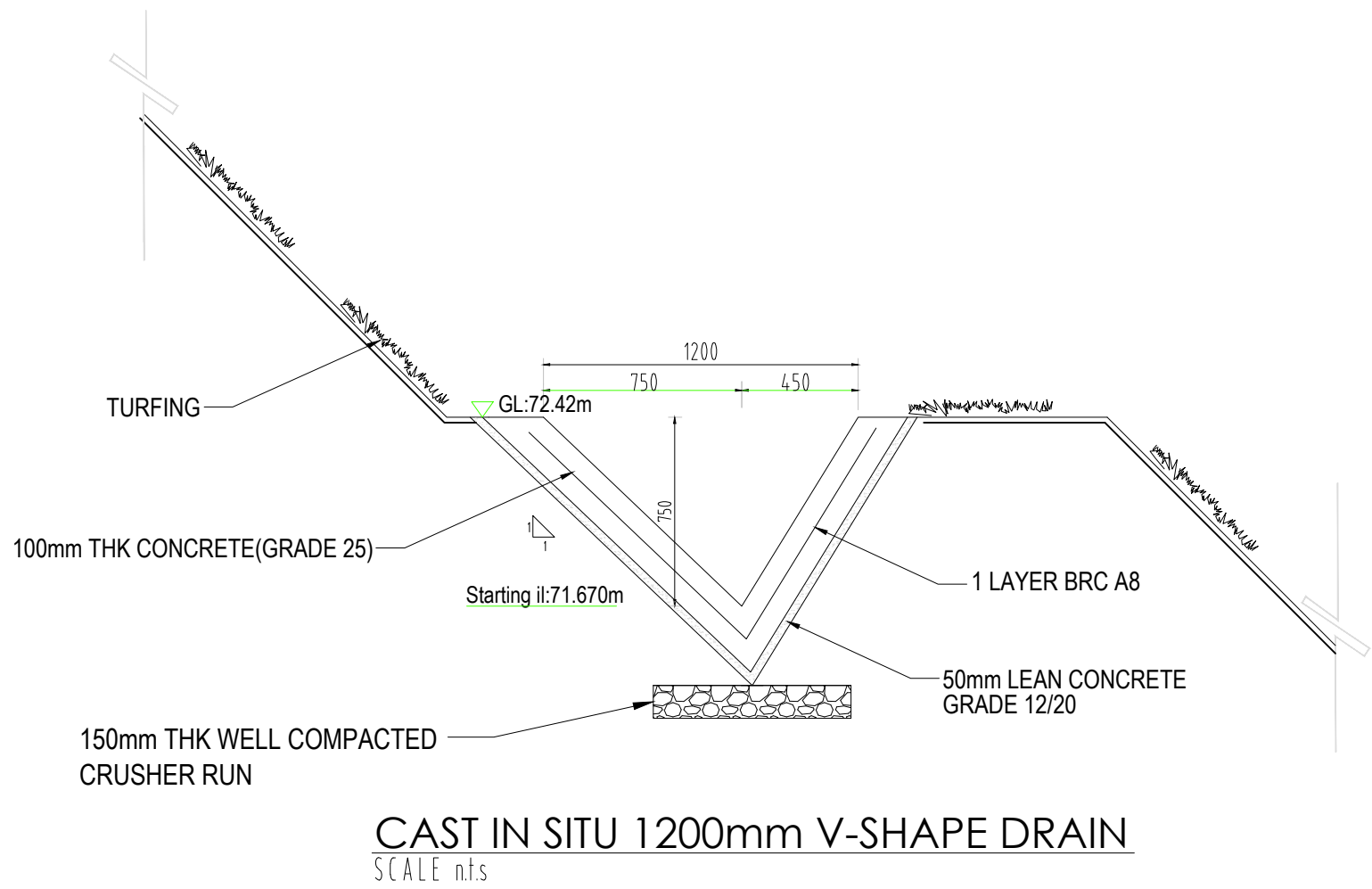
MAJLIS AMANAH RAKYAT (MARA)
IBU PEJABAT MARA, NO 21, JALAN MARA,
50609, KUALA LUMPUR
TEL : 0326132000 FAX : 0326949661

JURUTERA AWAM DAN STRUKTUR :

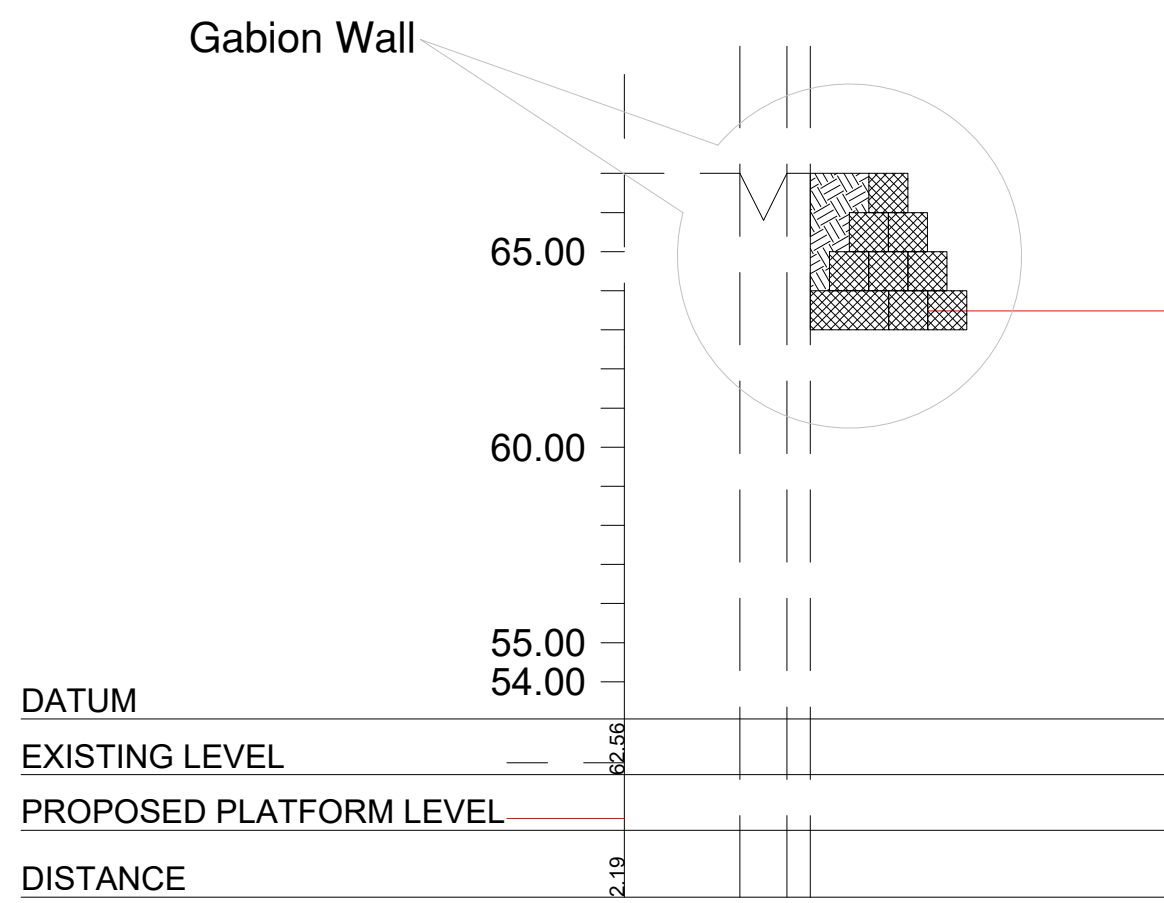


PERAKUAN JURUTERA BERDAFTAR :

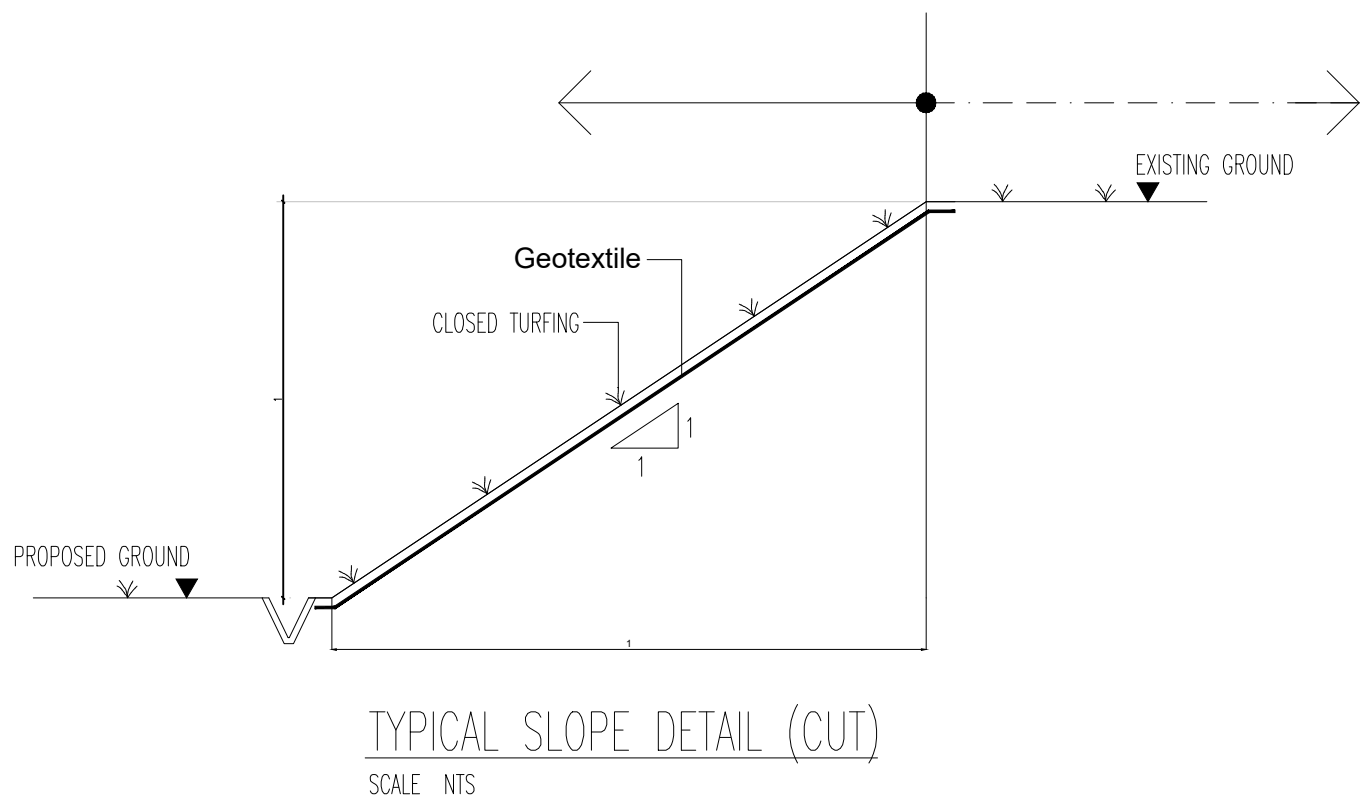
"Saya memperakui bahawa segala butiran dalam pelan-pelan adalah menurut kehendak Undang-Undang Kaji Bangkuan Seroang 1984 dan saya setuju, terima tanggungjawab pelan dengan sewajarnya"



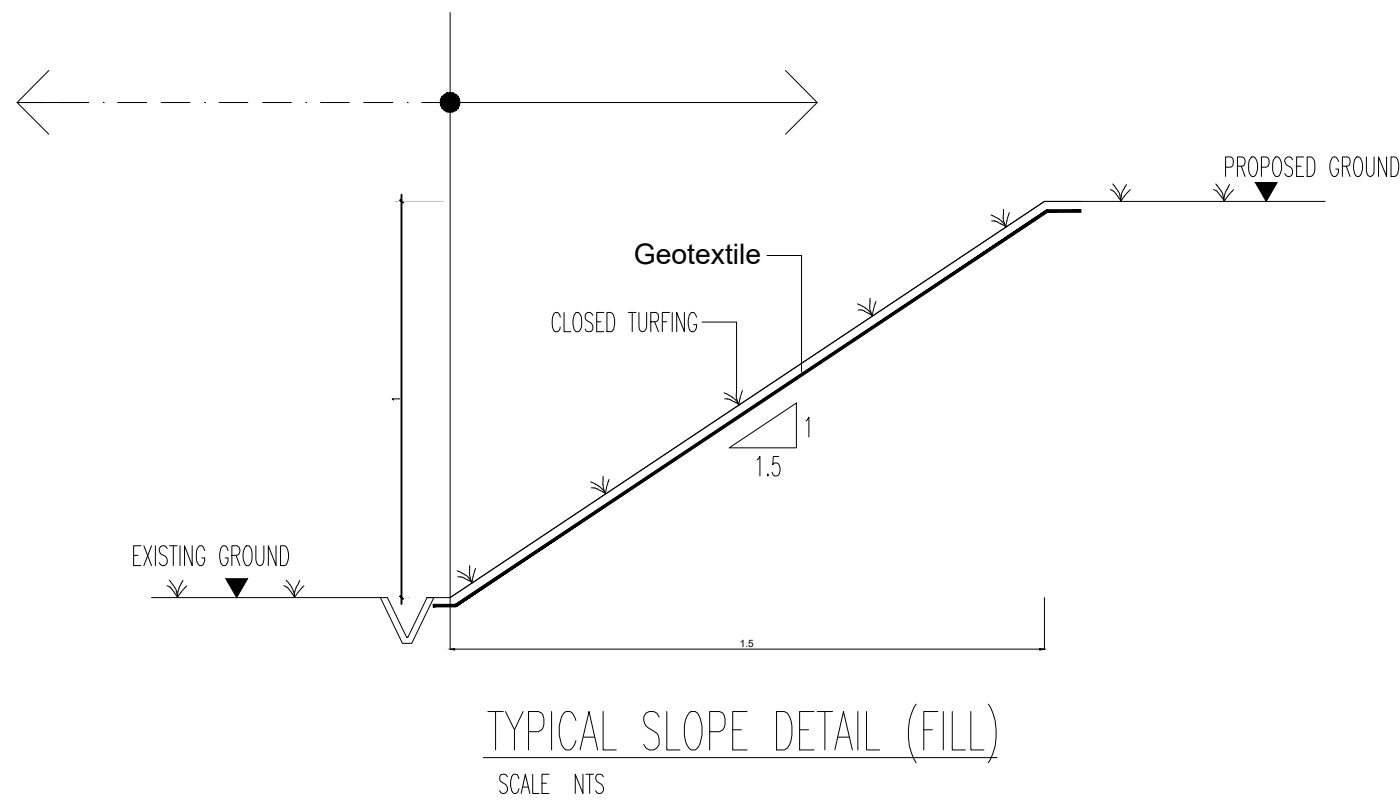
CAST IN SITU 1200mm V-SHAPE DRAIN
SCALE n.t.s



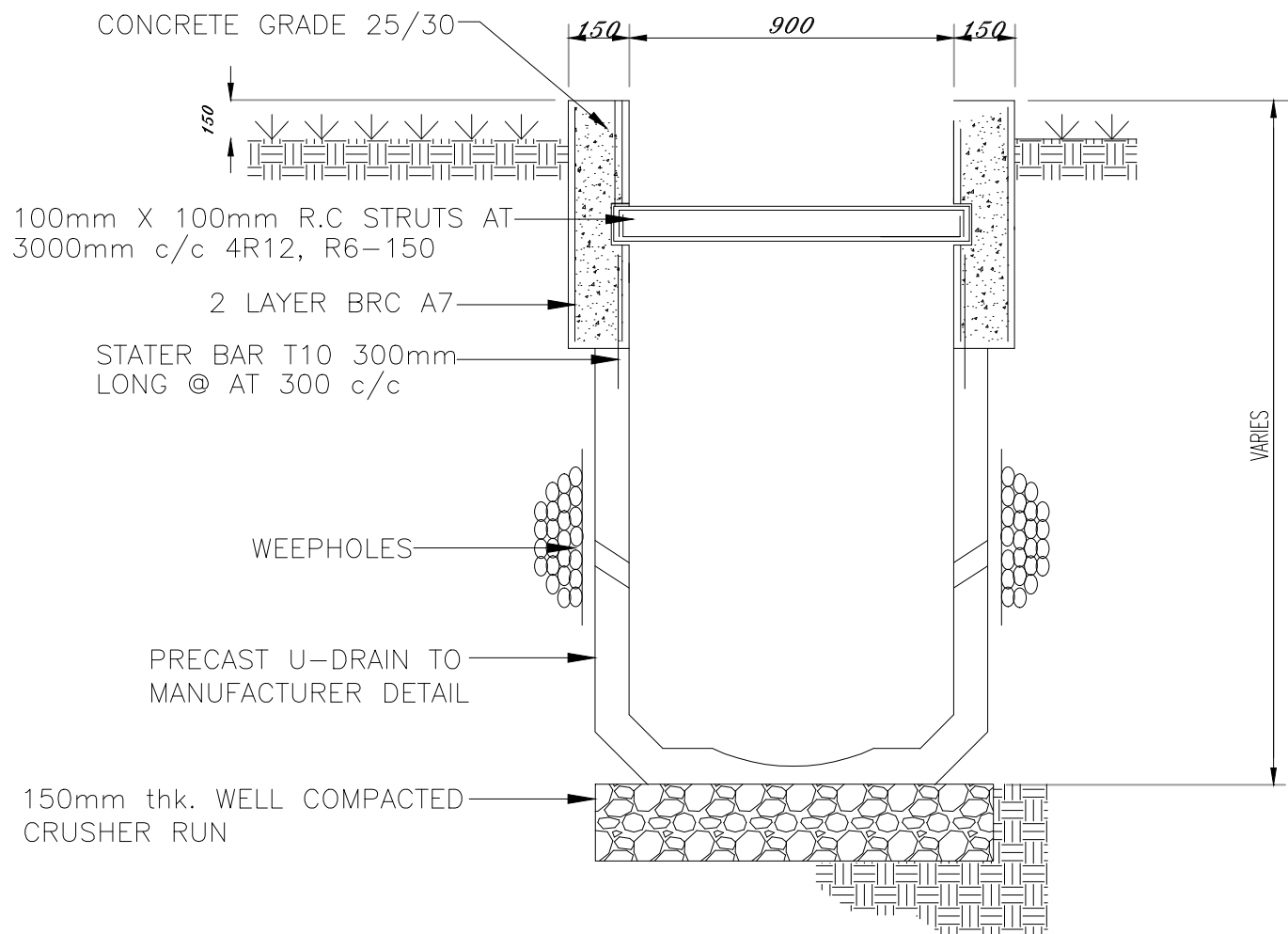
SECTION 11-11



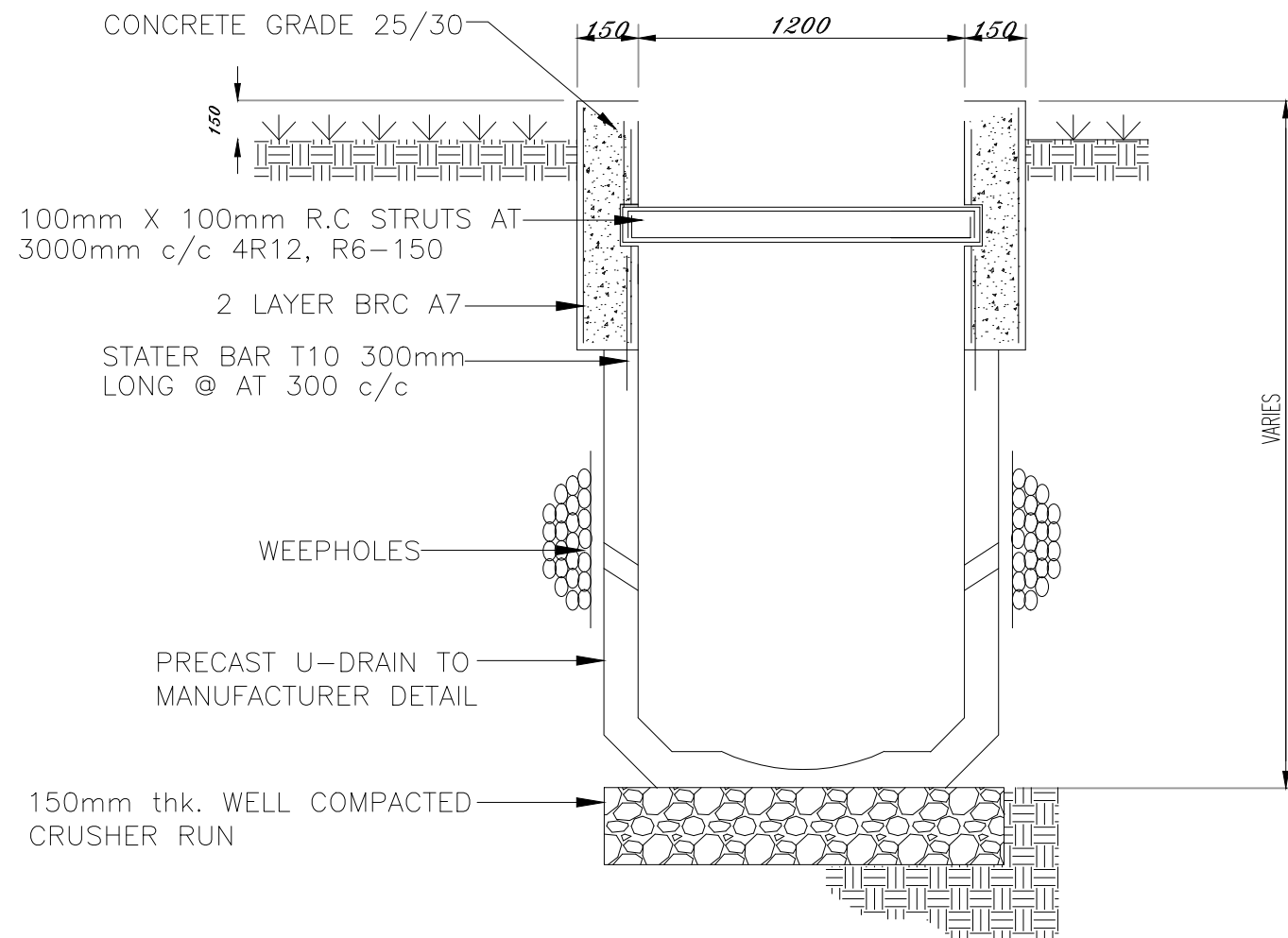
TYPICAL SLOPE DETAIL (CUT)
SCALE NTS



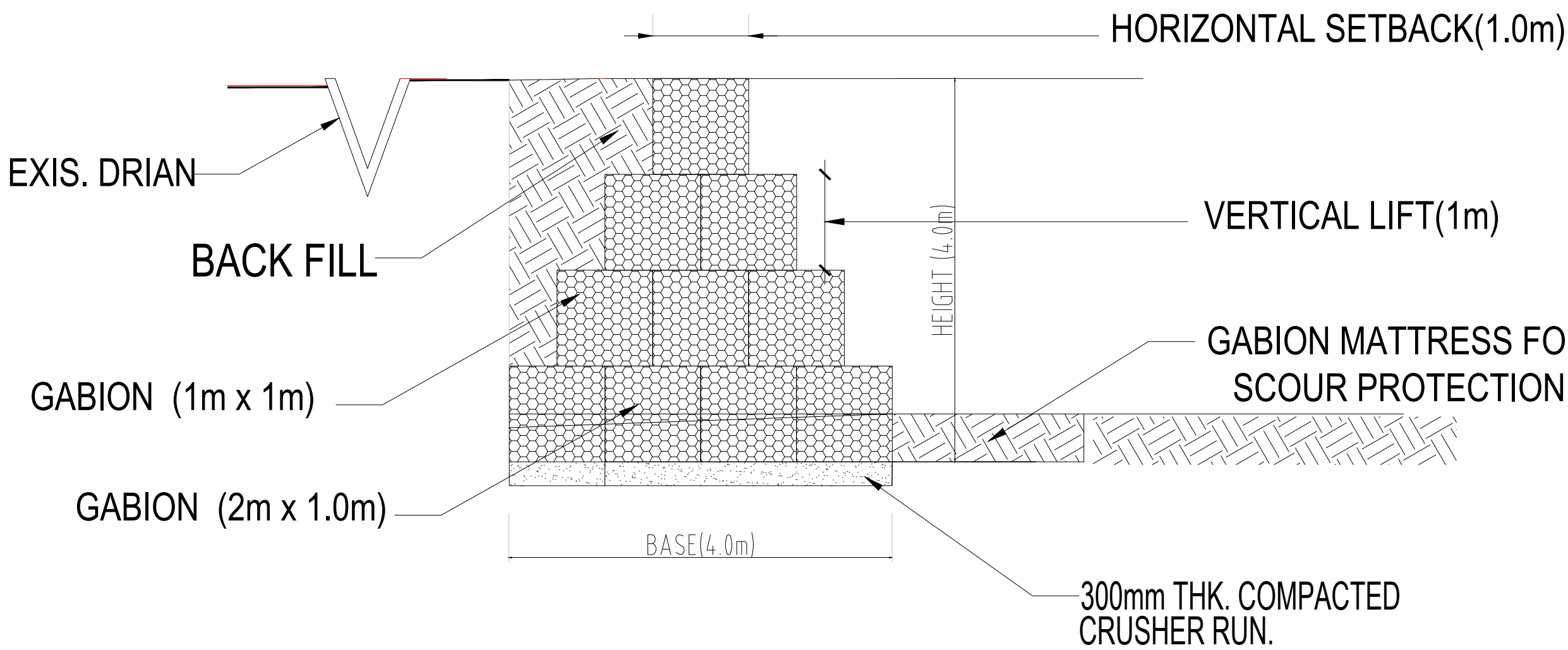
TYPICAL SLOPE DETAIL (FILL)
SCALE NTS



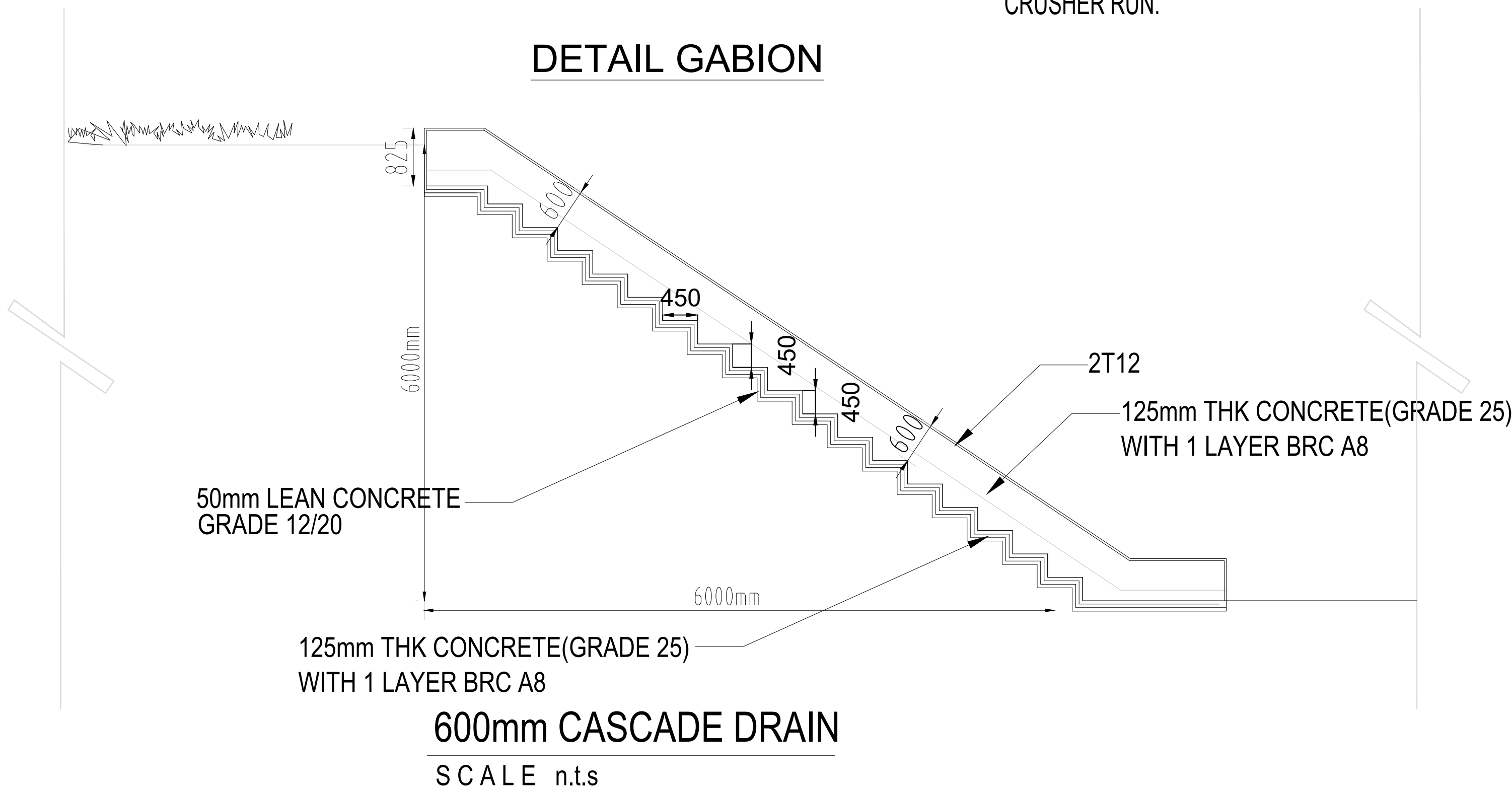
TYPICAL 900mm DETAIL PRECAST U-DRAIN
WITH DRY WEATHER FLOW (D.W.F)



TYPICAL 1200mm DETAIL PRECAST U-DRAIN
WITH DRY WEATHER FLOW (D.W.F)



DETAIL GABION



kelulusan:

PROJEK:

CADANGAN PEMBANGUNAN 1 BLOK KUARTERS
GURU 2 TINGKAT DI ATAS SEBAHAGIAN LOT 100508
(MAKTAB RENDAH SAINS MARA (MRSM) ATM BERA)
SELUAS 0.500 EKAR, MUKIM BERA, DAERAH BERA,
PAHANG DARUL MAKMUR UNTUK TETUAN MAJLIS
AMANAH RAKYAT (MARA)

TITLE:

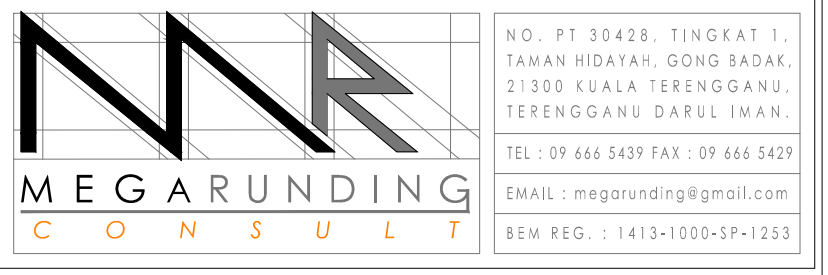
- GABION DETAIL.
- DETAIL SLOPE.
- DETAIL BOX CULVERT.
- DETAIL V-SHAPE DRAIN.

OWNER :

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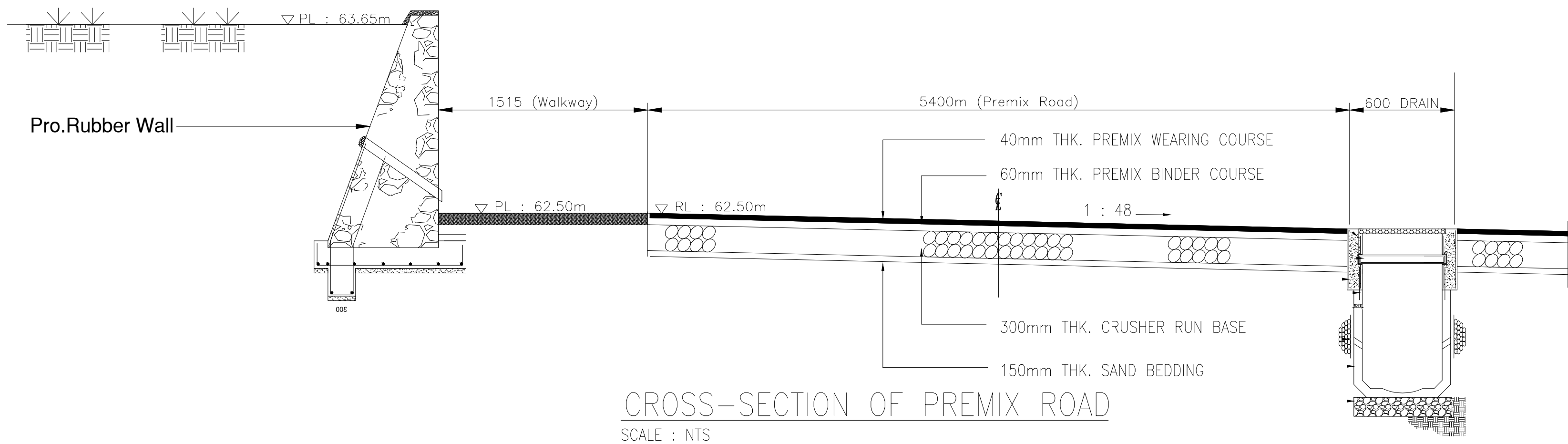
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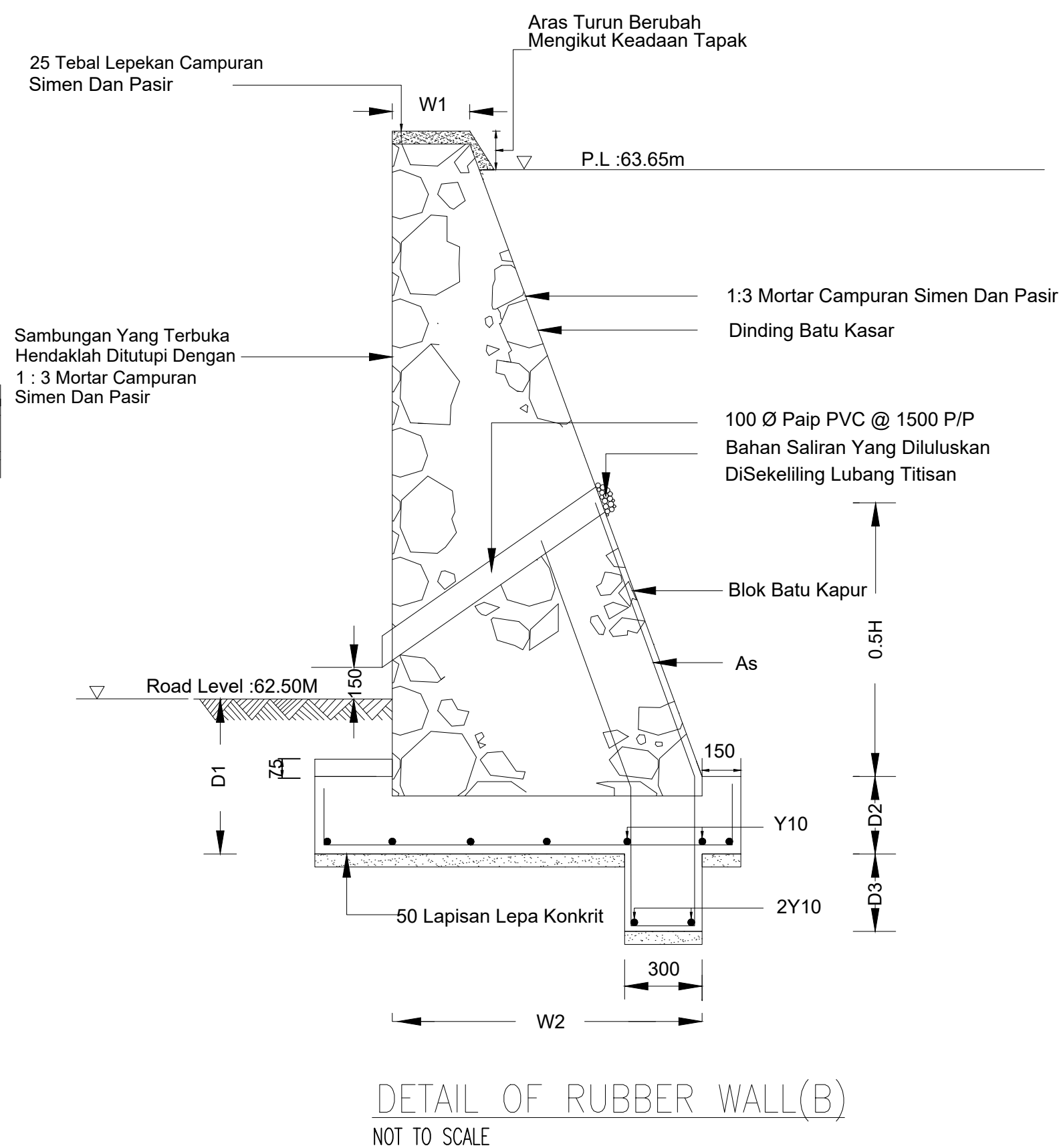


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Kecil Bangunan Terengganu 1984 dan saya setuju, terima
tanggungjawab pelan dengan sewajarnya"



DETAIL OF M.S GRATING



H	W1	W2	D1	D2	D3	As
> 900 < 1200	250	600	300	250	200	Y10 @ 300P/P

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