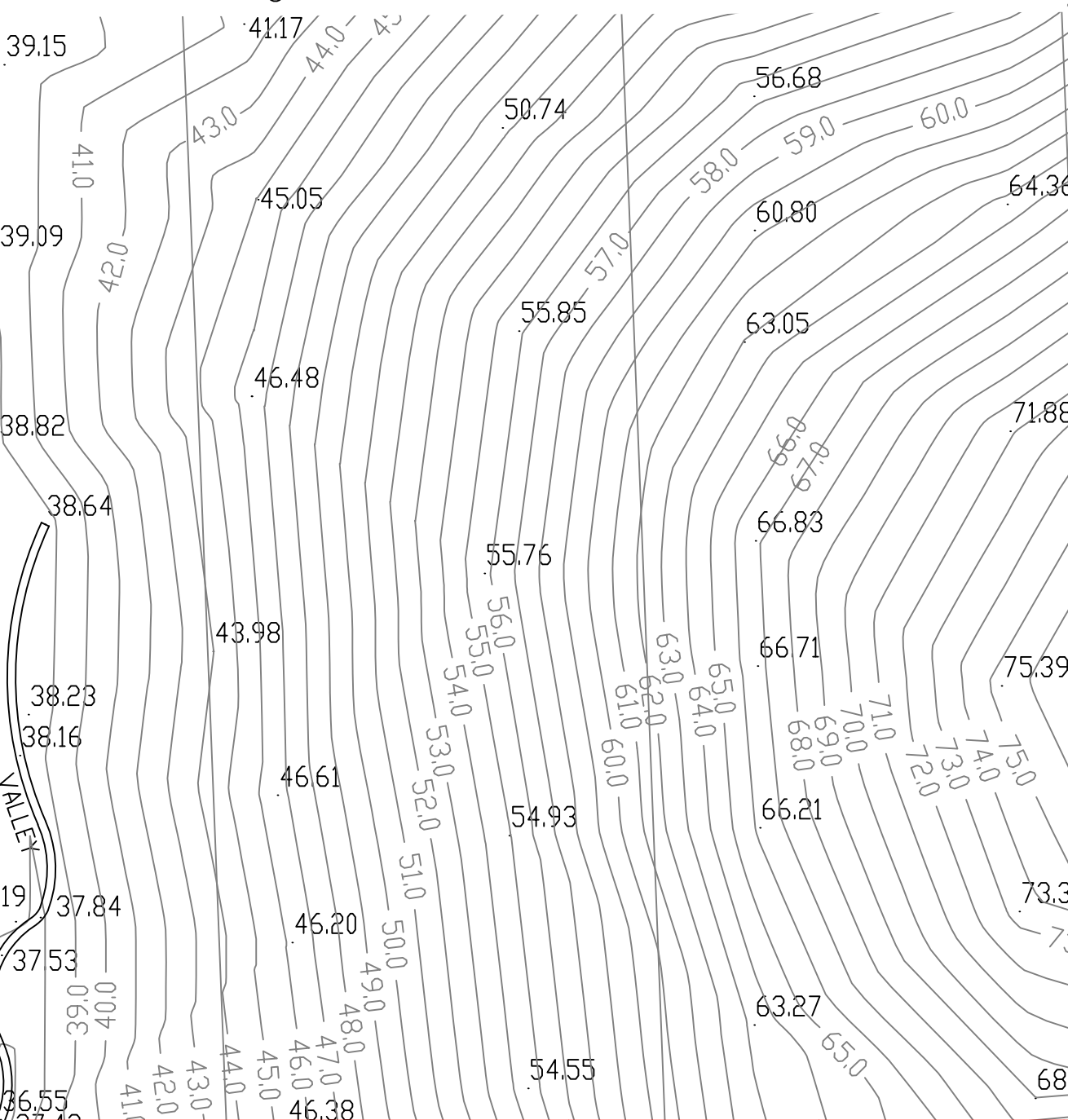
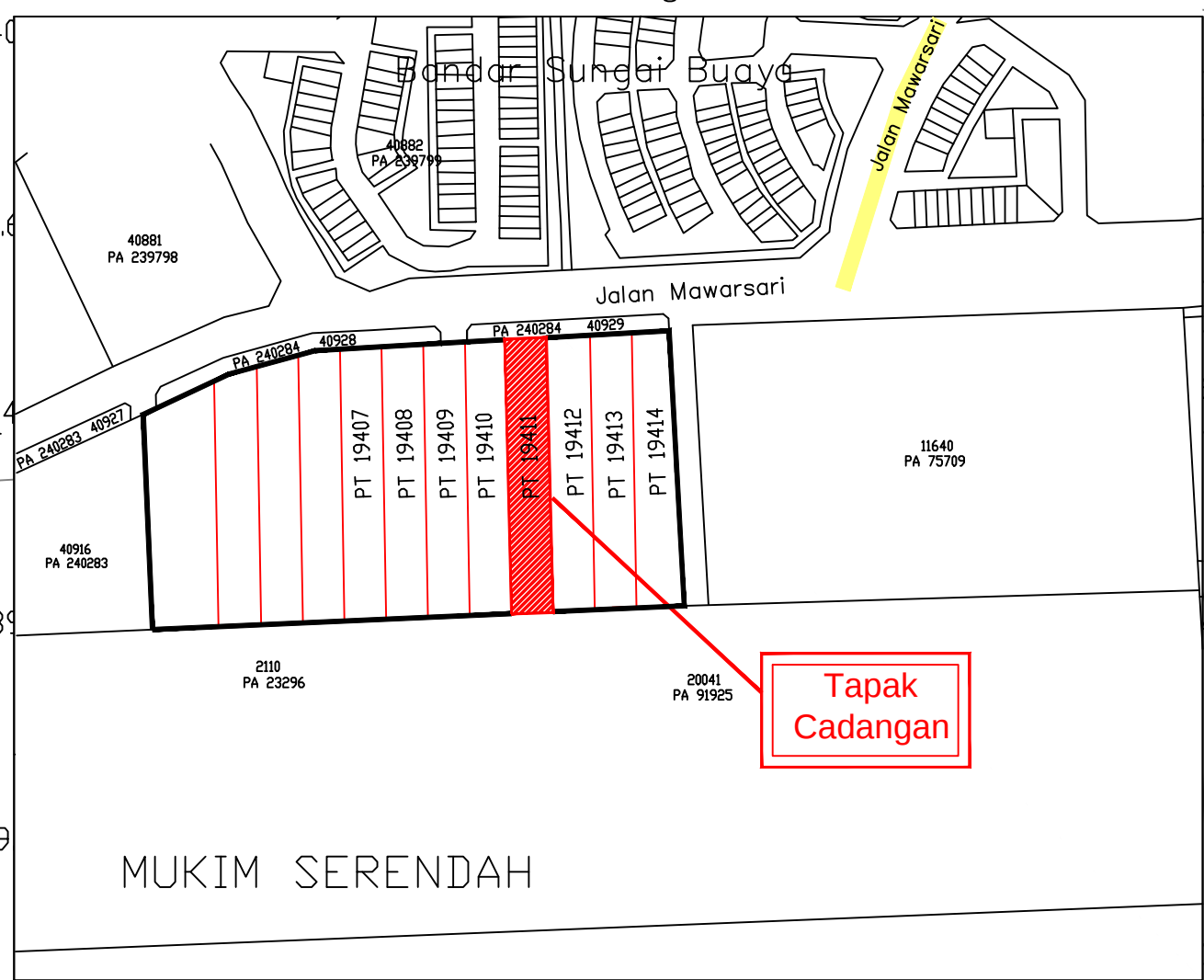
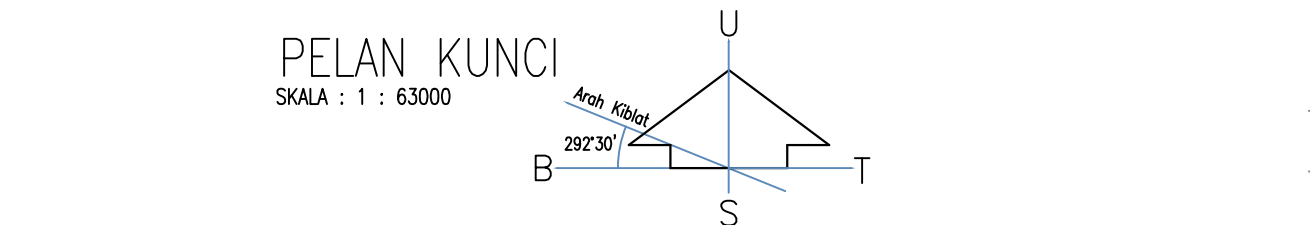
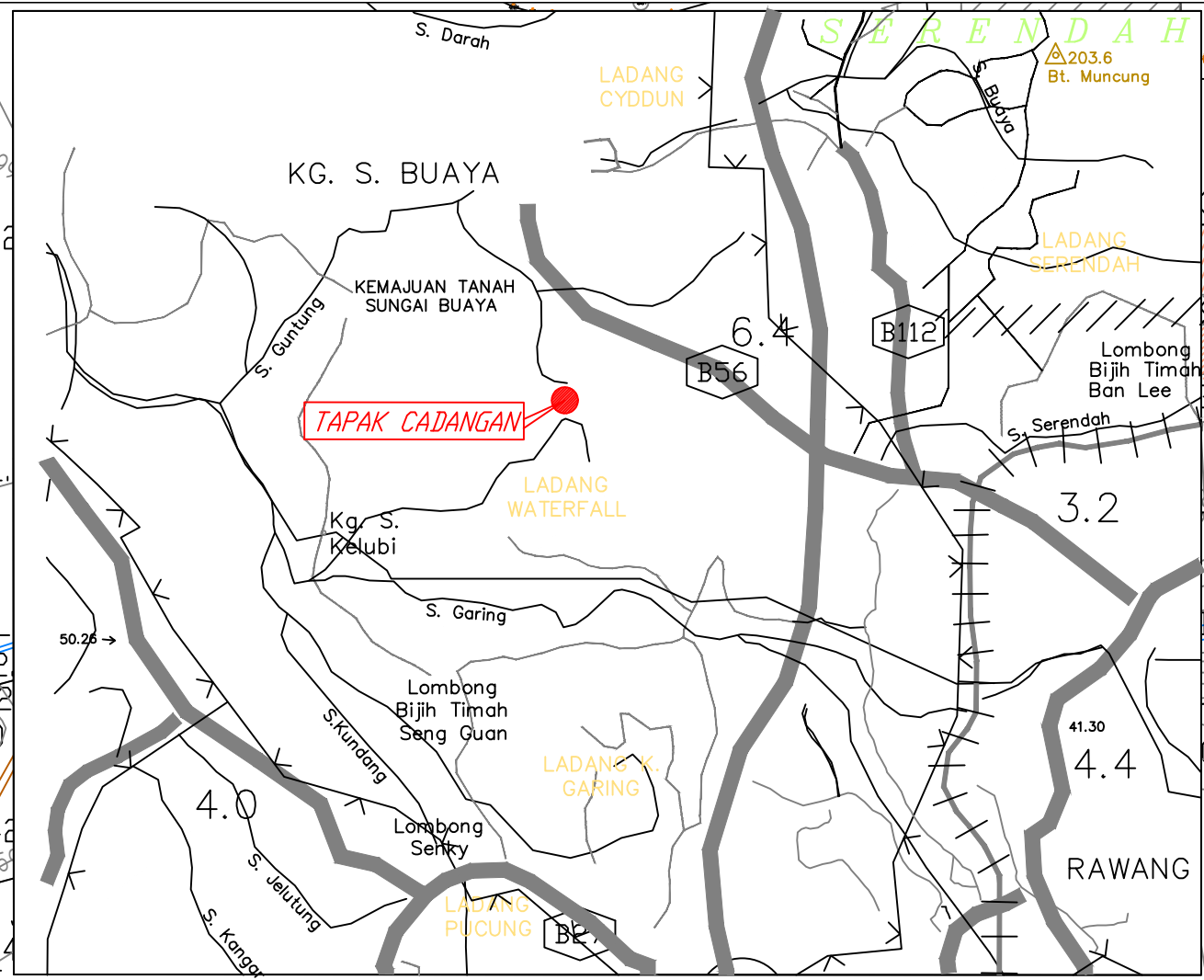
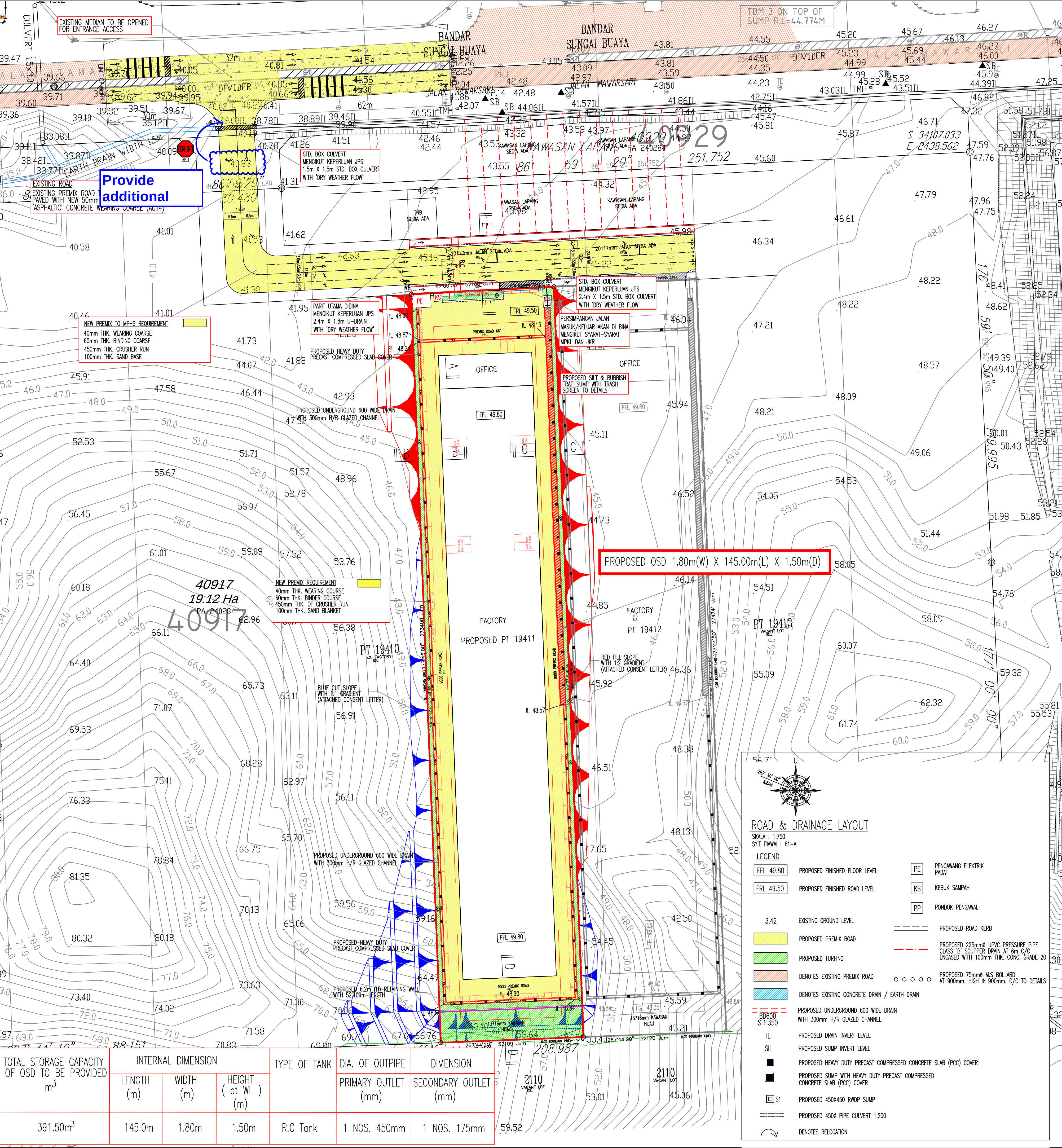




TYPE OF BUILDING	TOTAL STORAGE CAPACITY REQUIRED m ³	STORAGE CAPACITY PROVIDED m ³	NOS. OF STORAGE TANK PROVIDED	TOTAL STORAGE CAPACITY OF OSD TO BE PROVIDED m ³	INTERNAL DIMENSION			TYPE OF TANK	DIA. OF OUTPIPE	DIMENSION	
					LENGTH (m)	WIDTH (m)	HEIGHT (at WL) (m)		PRIMARY OUTLET (mm)	SECONDARY OUTLET (mm)	
OSD	381.47m ³	391.50m ³	1	391.50m ³	145.0m	1.80m	1.50m	R.C Tank	1 NOS. 450mm	1 NOS. 175mm	



INDEX	DATE	REVISION
NAMA/ ALAMAT/ TANDATANGAN PEMILIK:		
KOH THIAN SENG (NO. KP : 500727-10-5171) (PENGARAH)		
IDAMAN SEKATA SDN. BHD. (NO. SYARIKAT: 886472-W) NO. 181-A, BATU 1 1/2, JALAN MERU, 41200, KLANG, SELANGOR DARUL EHSAN. TEL: 03-3343 9371 FAX: 03-3345 2008		
PROJECT CADANGAN KELULUSAN PELAN JALAN DAN SALIRAN BAGI CADANGAN PEMBANGUNAN PERINDUSTRIAN YANG MENGANDUNGI : I) RUANG OPERASI KILANG DAN PEJABAT (TINGKAT BAWAH) II) STOR (TINGKAT 1 & 2) III) 1 UNIT PONDOK PENGAWAL IV) 1 UNIT KEBUK SAMPAH V) 1 UNIT PENCAWANG ELEKTRIK PADAT		
DI ATAS PT 19411. BANDAR SERENDAH, HULU SELANGOR, SELANGOR DARUL EHSAN.		
UNTUK TUTUAN IDAMAN SEKATA SDN BHD		
DRAWING TITLE ROADS & DRAINAGES LAYOUT		
SCALE	AS SHOWN	DATE JULY 2024
DESIGNED BY	LT	DRAWN BY WY
JOB CODE	DRAWING NO. CSS/20/32/19411/RD/01	
REVISION INDEX		
ENGINEER'S		
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CATATAN :

SEMUA JARAK DAN TITIK KETINGGIAN ADALAH DALAM KADAR UKURAN METER.

SEMUA TITIK KETINGGIAN ADALAH DILARAS DARI TBM 3 (RL: 44.774) DIPEROLEHI DARI JURUKUR MAJU JAYA PLAN NO (HW/SEL/961/P1) PAKU DI ATAS SUMP.

PETUNJUK :

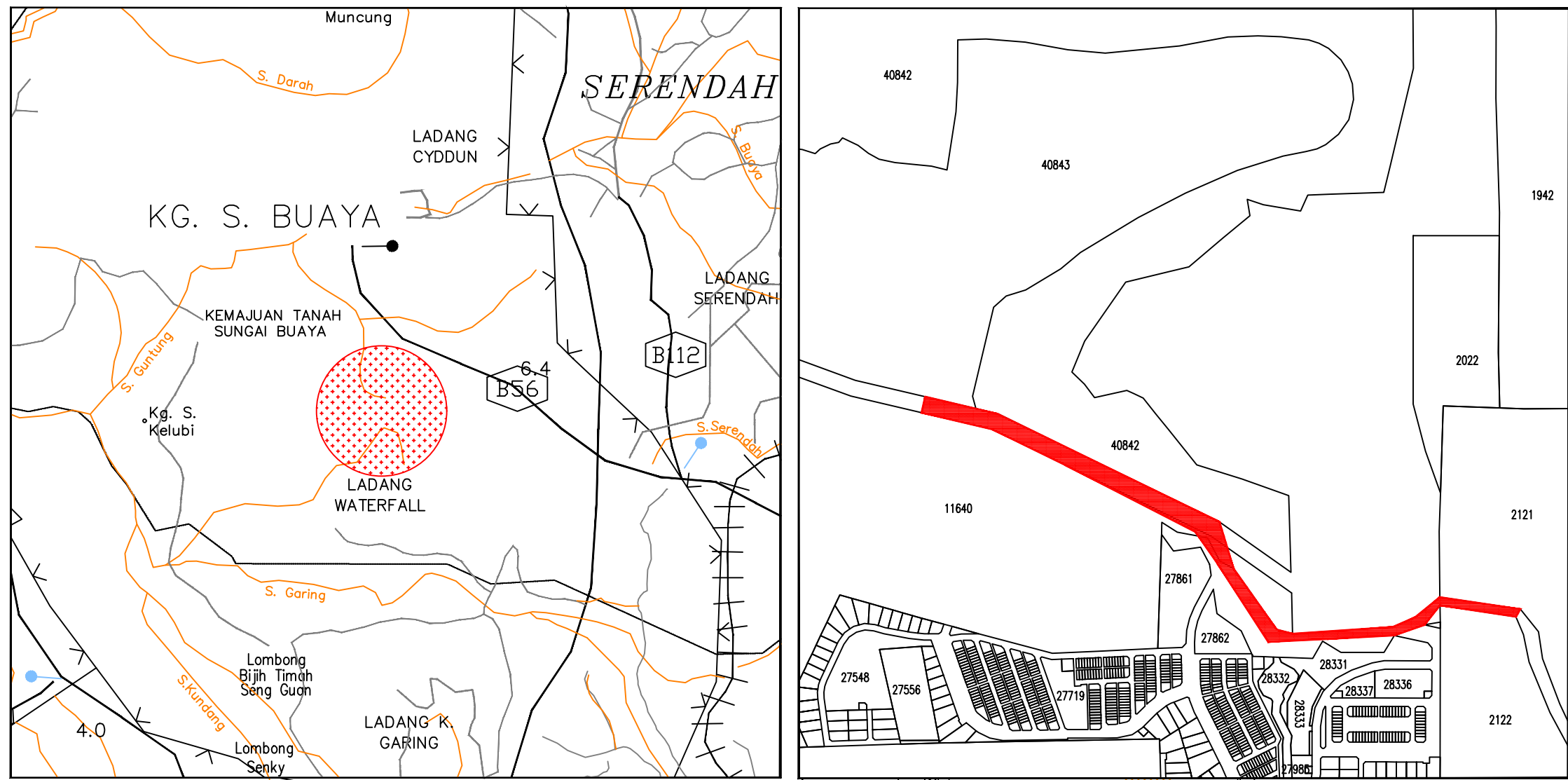
- JMH - JBA MANHOLE
- TMH - TELEKOM MANHOLE
- SMH - SEWERAGE MANHOLE
- TL - TIANG LAMPU
- TE - TIANG ELEKTRIK
- SB - PAPAN TANDA
- LI - LAMPU ISYARAT
- IL - 'INVERT LEVEL'
- SIL - 'SUMP INVERT LEVEL'
- ▲ TBM - TEMPORARY BENCH MARK
- PENGHADANG JALAN

NOTA-NOTA:-

- 1) SEMUA TIANG UTILITI SEDIA ADA DIALIHKAN KE TEPI JALAN DENGAN JARAK 3m DRAIPADA JALAN PREMIX
- 2) 'HEAVY DUTY COVER' DIGUNAKAN UNTUK MANHOLE DI ATAS JALAN PREMIX YANG TIDAK DAPAT DIALIHKAN
- 3) SEMUA CHEVRON HATCHING MENGGUNAKAN 'RED COLOR PAVEMENT' DAN DIPASANGKAN 'ROAD STUD'

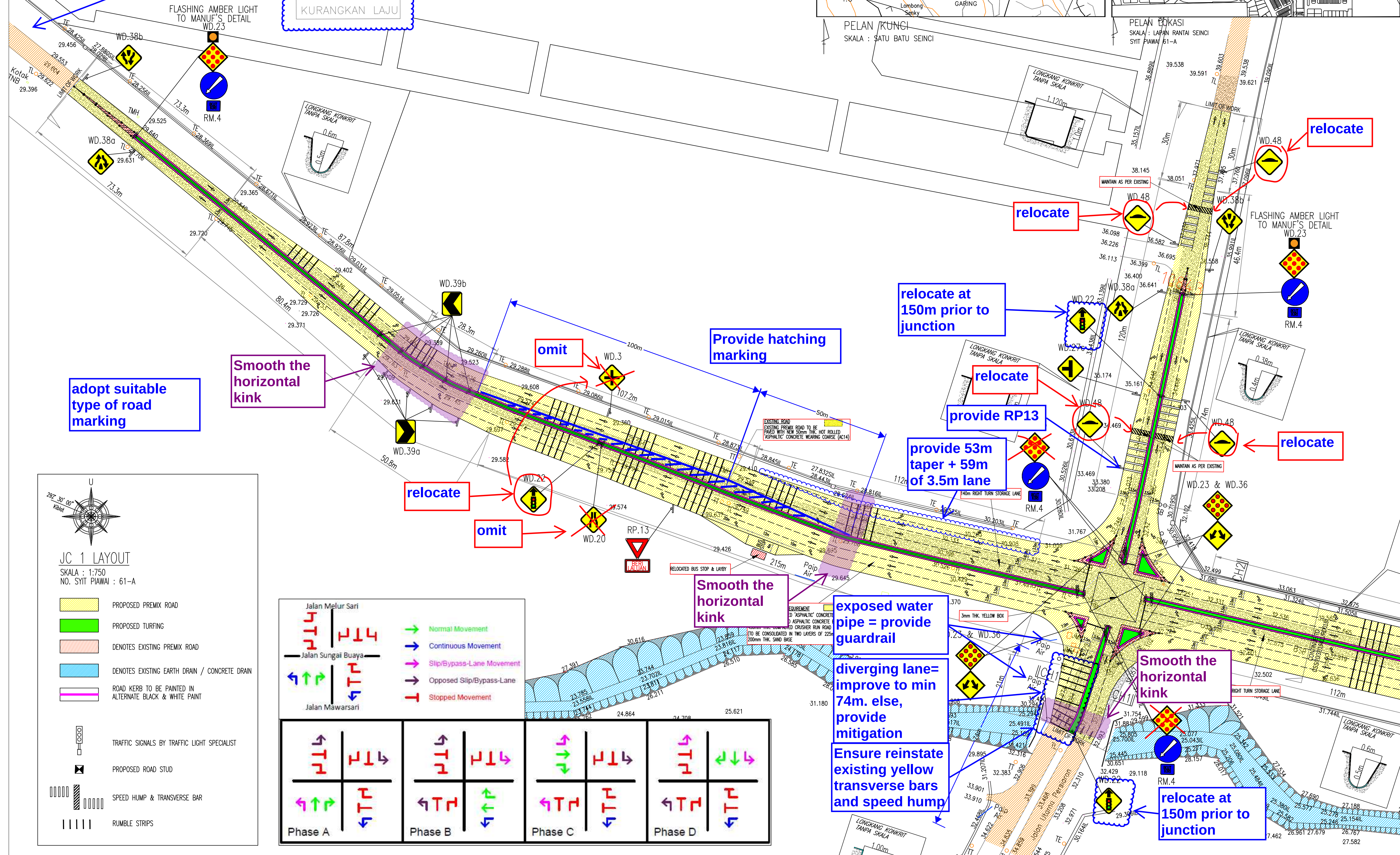


6.1.6.2



PELAN KUNCI
SKALA : SATU BATU SEINCI

PELAN BOKASI
SKALA : LAPAN RANTAI SEINCI
SYIT PAWAI 61-A



adopt suitable
type of road
marking

Smooth the
horizontal
kink

omit

Provide hatching
marking

relocate at
150m prior to
junction

relocate

provide RP13

provide 53m
taper + 59m
of 3.5m lane

relocate

omit

Smooth the
horizontal
kink

exposed water
pipe = provide
guardrail

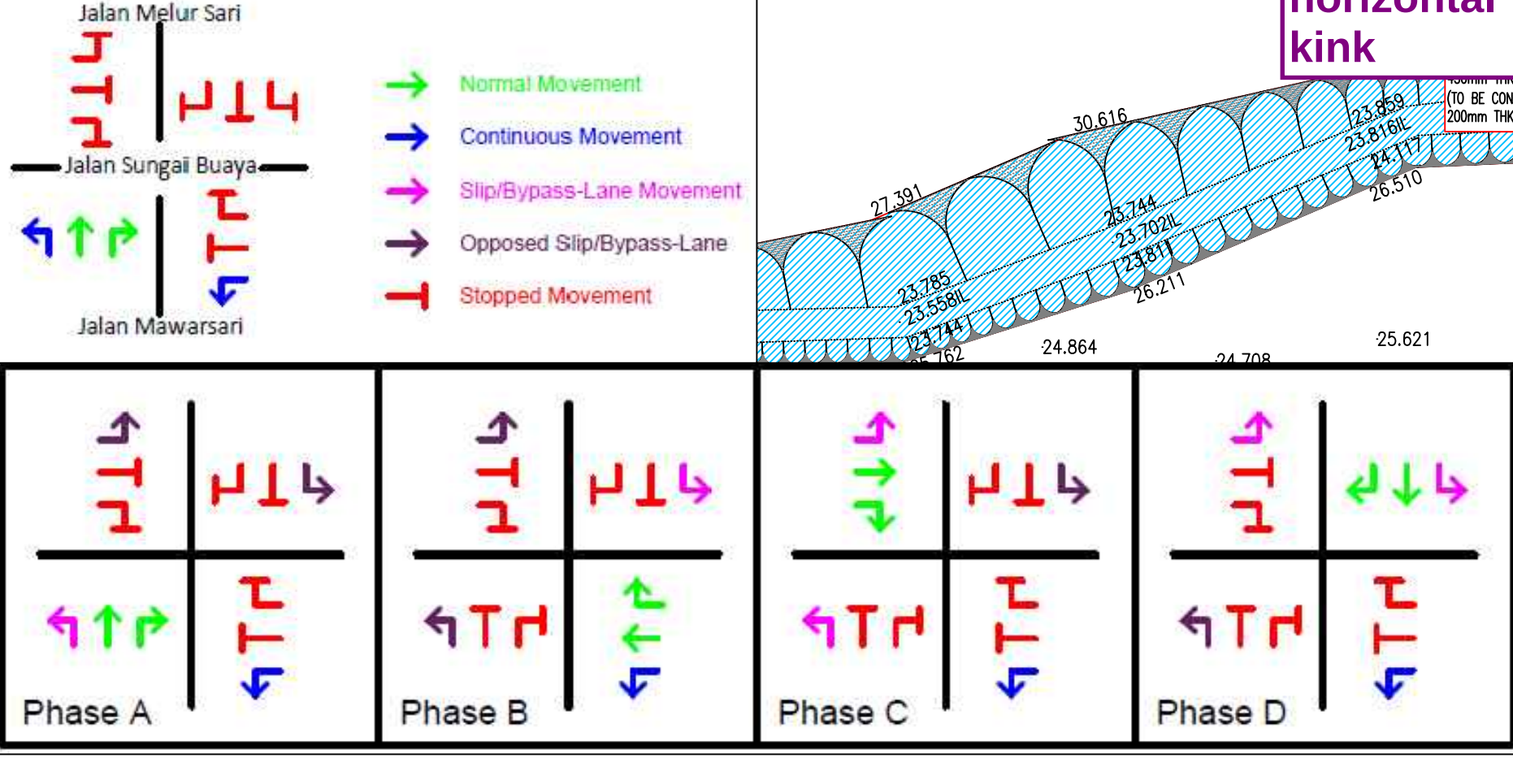
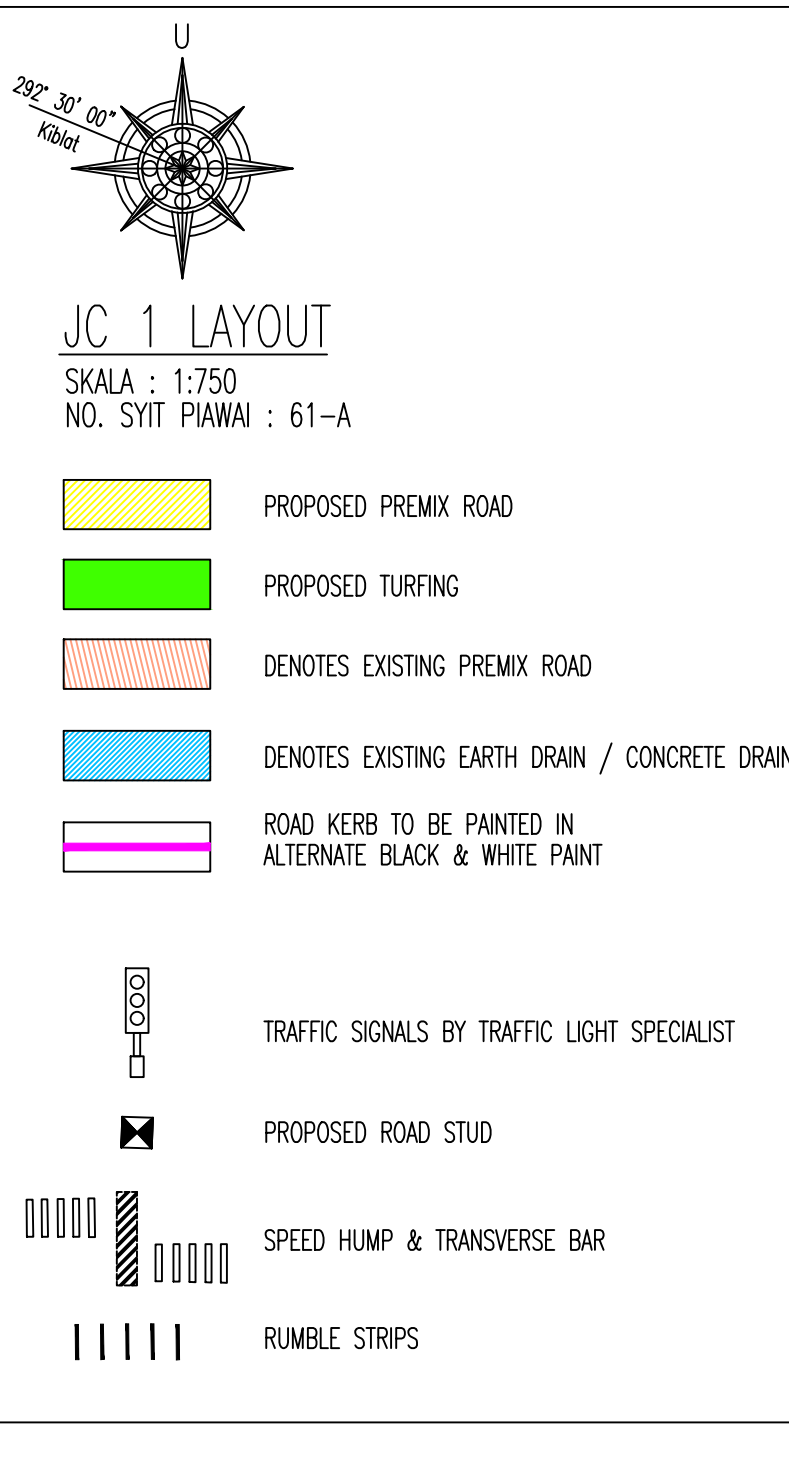
diverging lane=
improve to min
74m. else,
provide mitigation

Ensure reinstate
existing yellow
transverse bars
and speed hump

relocate

relocate

relocate



INDEX	DATE	REVISION

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SELANGOR DARUL EHSAN.

UNTUK TETUAN IDAMAN SEKATA SDN BHD

DRAWING TITLE
JC 1 LAYOUT

SCALE	AS SHOWN	DATE	MAC 2025
DESIGNED BY	IR CHUAH SU SING	DRAWN BY	WY
JOB CODE	DRAWING NO. CSS/20/32/19411/RD/01A		

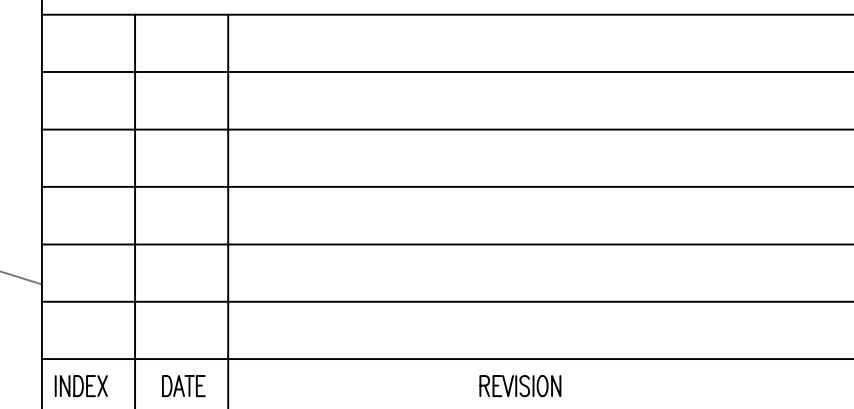
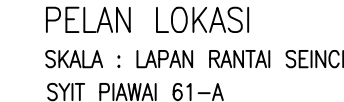
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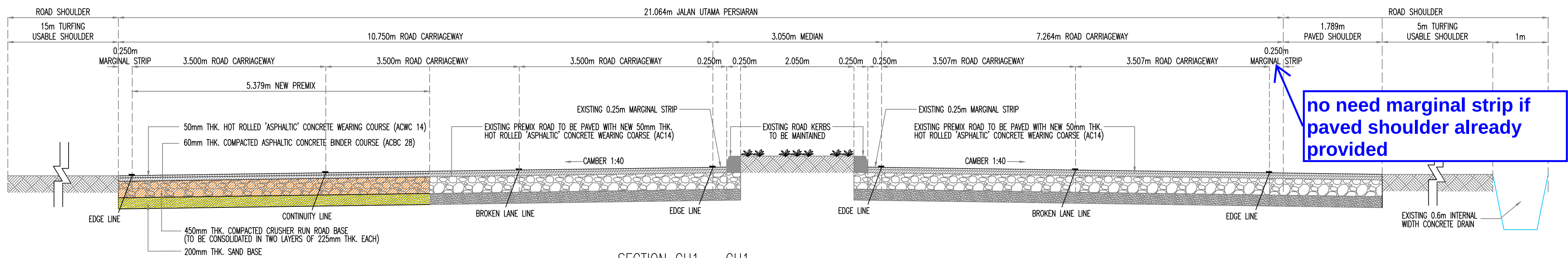
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DRAWING TITLE
JC 2 LAYOUT

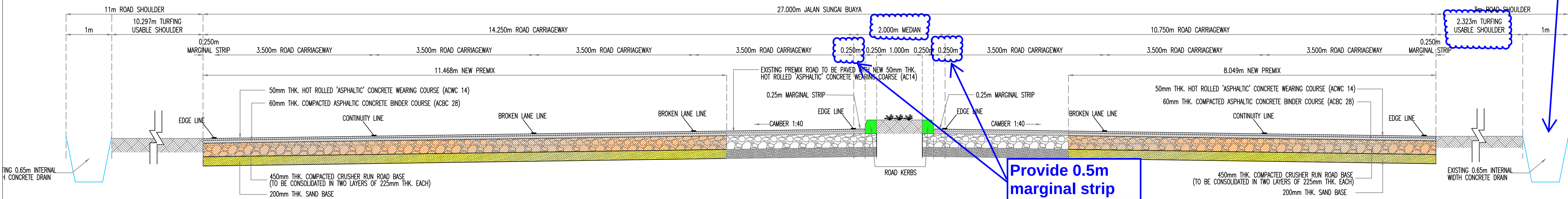
CSS PERUNDING CSS (Co. No. 001031098-M)
CIVIL & STRUCTURAL CONSULTING ENGINEERS
F-04-05, PUSAT PERDAGANGAN PUCHONG PRIMA,
JALAN PRIMA 5/3, PERKARANGAN PRIMA UTAMA,
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SECTION CH1 - CH1
TYPICAL CROSS SECTION OF 21.064m (69') JALAN UTAMA PERSIARAN
SCALE: 1:50

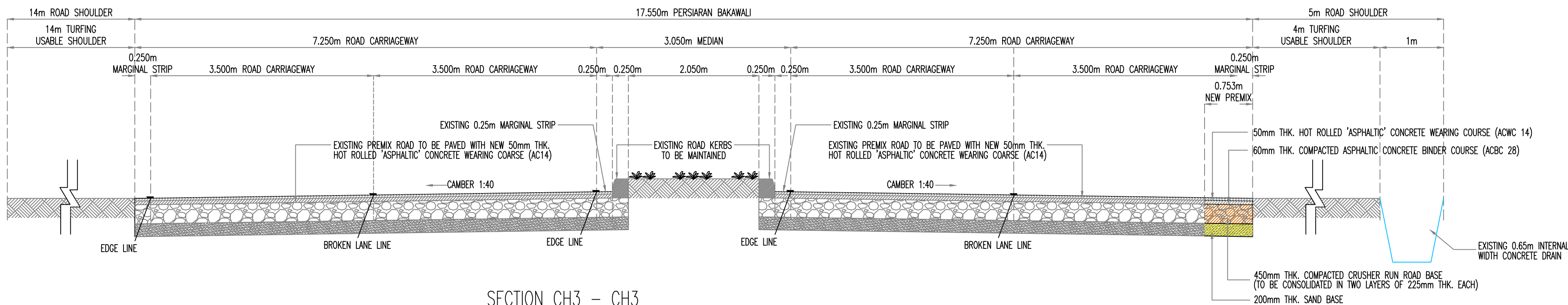
Provide 3.0m median

insufficient usable shoulder = provide guardrail / cover the drain



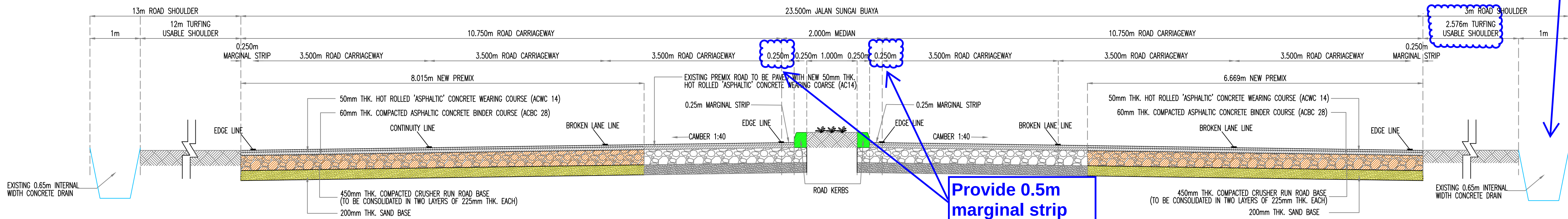
SECTION CH2 - CH2
TYPICAL CROSS SECTION OF 27.000m (88') JALAN SUNGAI BUAYA
SCALE: 1:50

Provide 0.5m marginal strip



SECTION CH3 - CH3
TYPICAL CROSS SECTION OF 17.550m (57') PERSIARAN BAKAWALI
SCALE: 1:50

insufficient usable shoulder = provide guardrail / cover the drain



SECTION CH4 - CH4
TYPICAL CROSS SECTION OF 23.500m (77') JALAN SUNGAI BUAYA
SCALE: 1:50

Provide 0.5m marginal strip

INDEX	DATE	REVISION
-------	------	----------

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UNTUK TETUAN IDAMAN SEKATA SDN BHD

DRAWING TITLE
ROADS & DRAINAGES DETAILS (1B)

SCALE	AS SHOWN	DATE	MAC 2025
DESIGNED BY	IR CHUAH SU SING	DRAWN BY	WY
JOB CODE	DRAWING NO.	CSS/20/32/19411/RD/02B	

ENGINEER'S

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LOCATION	NO. OF SET (1 SET = 5-6 BARS)	POSITION OF LAST SET
CORNER	3 - 5	30-50m BEFORE CORNER
RAILWAY CROSSING	3	15-30m BEFORE CROSSING
PEDESTRIAN CROSSING	2 - 3	15-30m BEFORE LINE CROSSING
ROAD HUMP	1 - 3	0-15m BEFORE ROAD HUMP

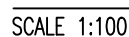
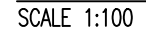
NO. OF SET	BAR NO.	DISTANCE FROM D1 (metre)	WIDTH (mm)
EACH SET	D1	0.00	5 – 7
	D2	3.10	5 – 7
	D3	6.20	5 – 7
	D4	9.30	5 – 7
	D5	12.40	5 – 7
	D6	15.50	5 – 7



SCALE 1:15



1. TO BE PAINT WITH REFLECTIVE BLACK AND WHITE PAINT IN
ALTERNATE MANNER



SCALE NTS

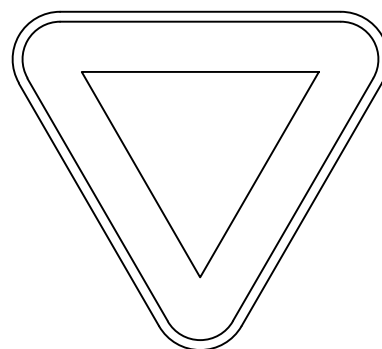
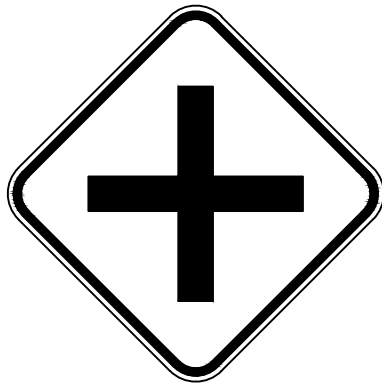
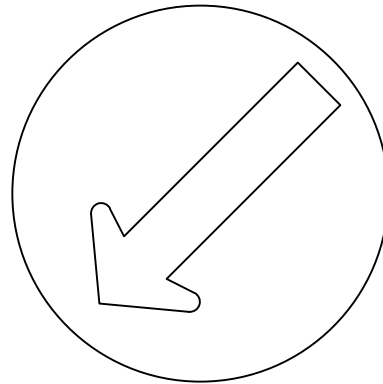
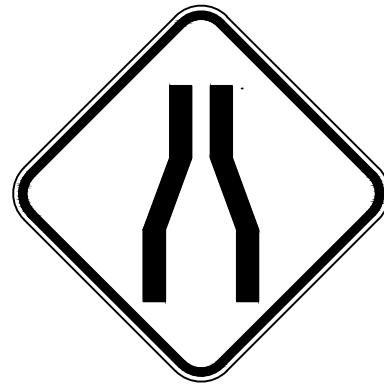
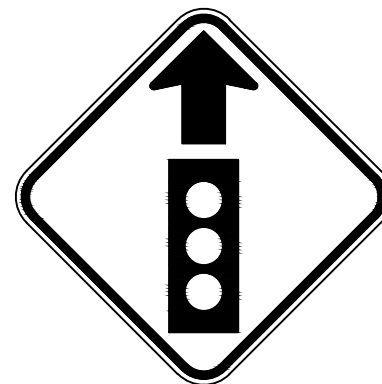
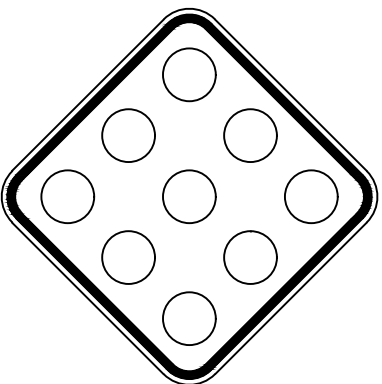
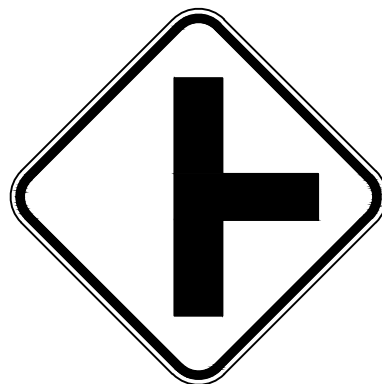
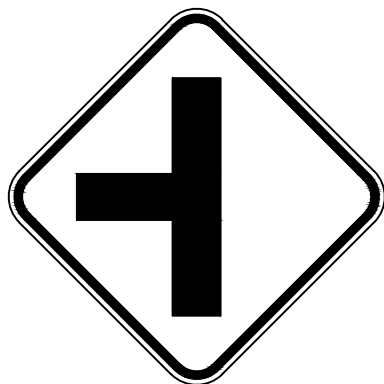
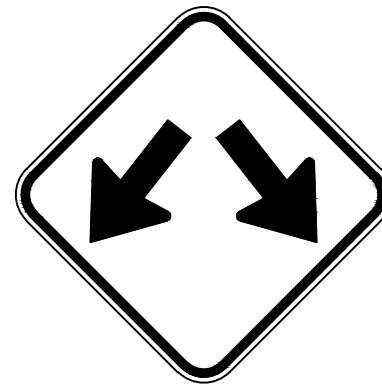
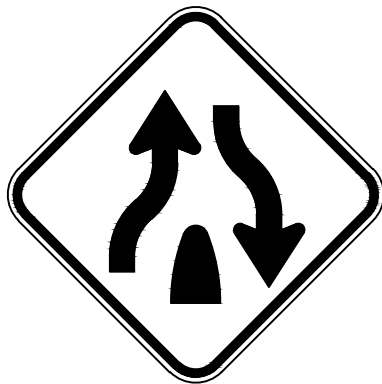
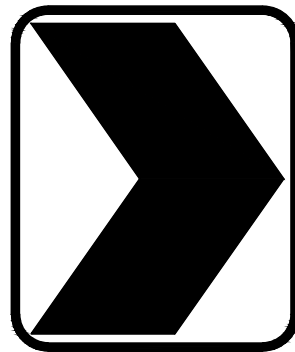
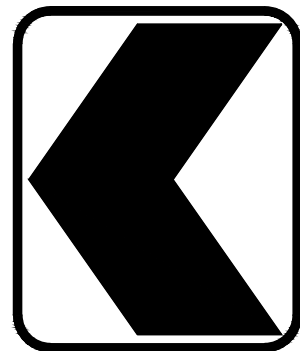
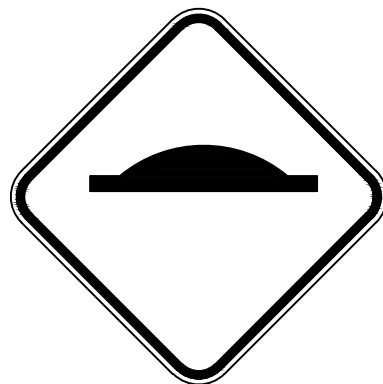
NOTE: TO MANUFACTURER'S DETAIL

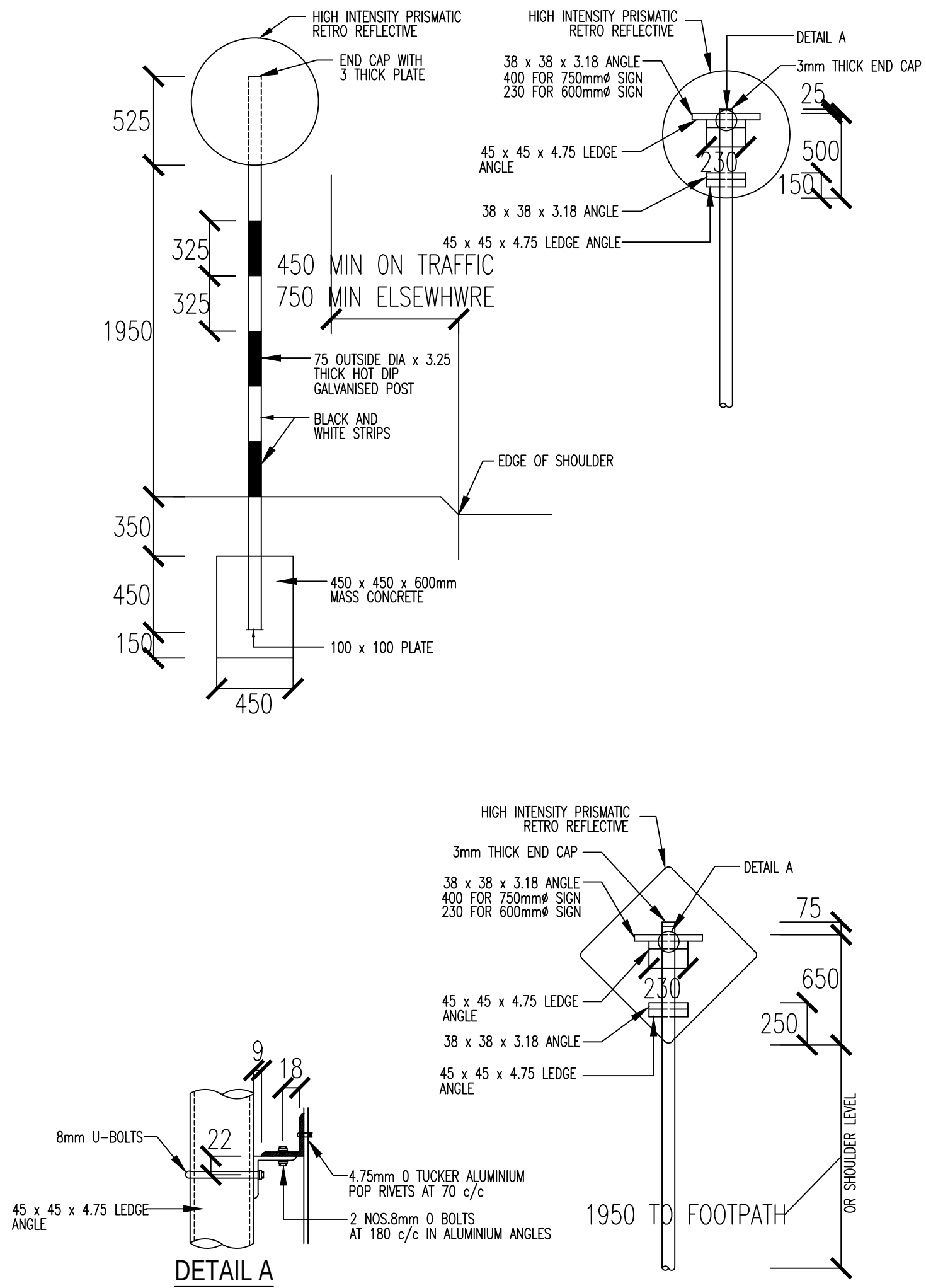
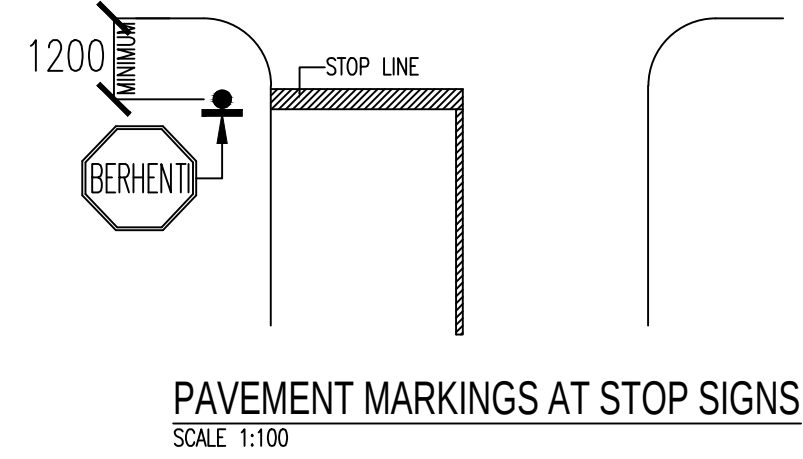


- DIMENSION TO BE REFERED TO JKR ARAHAN TEKNIK

1. KERJA-KERJA MENGECAT GARISAN JALAN DAN TEMPAT LETAK KERETA ADALAH MENGGUNAKAN JENIS CAT 'ALL WEATHER THERMOPLASTIC' SETEBAL 3mm



RP.13 GIVE WAY  BERI LALUAN	WD.3 ROAD INTERSECTION 	RM.4 KEEP LEFT 	WD.20 CARRIAGEWAY NARROWS 
WD.22 TRAFFIC SIGNAL AHEAD 	WD.23 OBSTRUCTION 	WD.27b ROAD JUNCTION ON THE RIGHT 	WD.27c ROAD JUNCTION ON THE LEFT 
WD.36 DOUBLE ARROW 	WD.38a DIVIDED ROAD ENDS 	WD.38b DIVIDED ROAD AHEAD 	WD.39a CHEVRON DELINEATOR 
WD.39b CHEVRON DELINEATOR 	WD.48 HUMP 	RP.1 STOP AT INTERSECTION 	



INSTALLATION DETAILS OF SIGN PLATES AND POST

SCALE 1:25

NOTES:

1. ALL SIGNAGES TO BE ADOPTED WITH HIGH INTENSITY PRISMATIC RETRO REFLECTIVE.

NOTES:-

- 1) LETTERS, SYMBOLS, PLATE SIZES AND COLOUR CODES FOR TRAFFIC SIGNS ARE AS DEFINED IN JKR ARAHAN TEKNIK (JALAN) 2A/85 (PINDAAN 2019) – STANDARD TRAFFIC SIGN.
- 2) ALL STANDARD WARNING AND REGULATORY SIGNS SHALL BE OF 750mm SIZE EXCEPT FOR RP.1 WHICH SHALL BE OF 900mm SIZE.
- 3) ALL SIGN FACES SHALL BE OF HIGH INTENSITY PRISMATIC RETRO-REFLECTIVE SHEETING MATERIAL.
- 4) BORDERS AND CORNERS OF SIGN SHALL BE ROUNDED ON RADIUS OF APPROXIMATELY 1/8 OF LESSER SIDE DIMENSION BUT NOT EXCEEDING 300mm.

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DRAWING TITLE

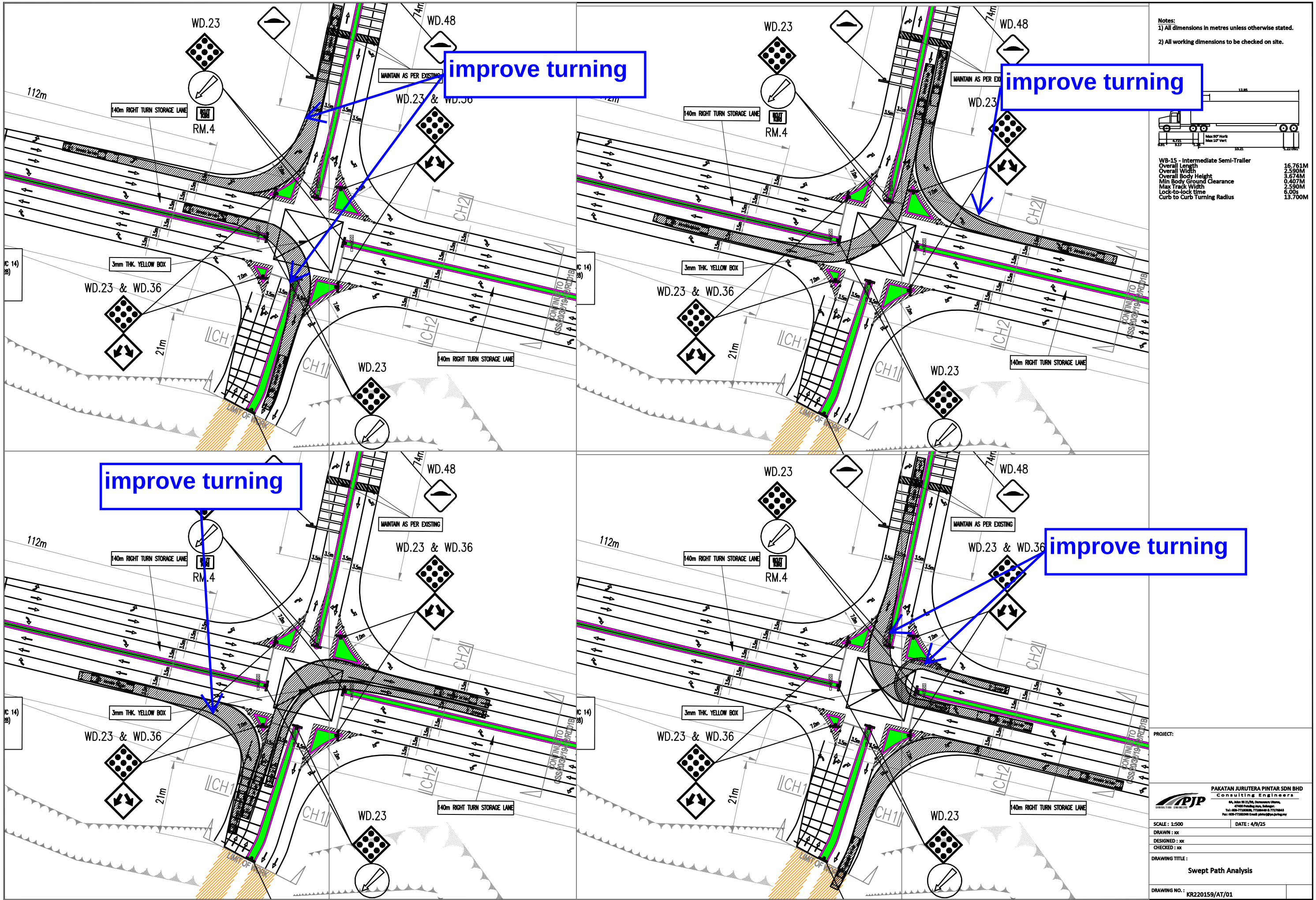
ROADS & DRAINAGES DETAILS (2B)

SCALE	AS SHOWN	DATE	JULY 2024			
DESIGNED BY	LT	DRAWN BY	WY			
JOB CODE	DRAWING NO. CSS/20/32/19411/RD/03B					
	REVISION INDEX					

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SELANGOR DARUL EHSAN.
Tel : 03-8066 3588 Fax : 03-8066 3528



Notes:
1) All dimensions in metres unless otherwise stated.
2) All working dimensions to be checked on site.

WB-15 - Intermediate Semi-Trailer

Overall Length	16.761M
Overall Width	2.590M
Overall Body Height	3.674M
Min Body Ground Clearance	0.407M
Max Track Width	2.590M
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	13.700M

PROJECT:

PAKATAN JURUTERA PINTAR SDN BHD
Consulting Engineers

SCALE: 1:500

DATE: 4/9/25

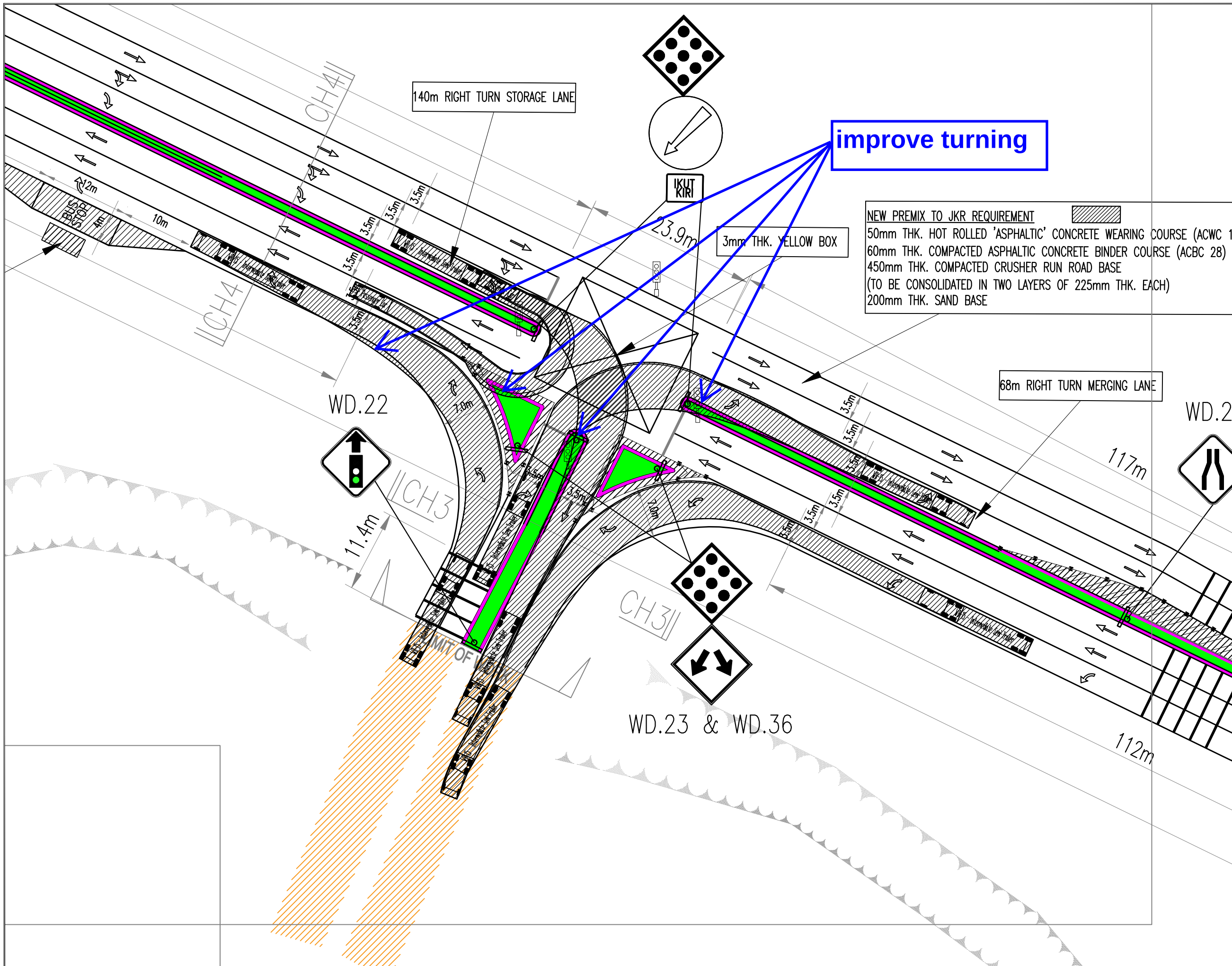
DRAWN: SK

DESIGNED: SK

CHECKED: SK

DRAWING TITLE: Swept Path Analysis

DRAWING NO.: KR220159/AT/01



Notes:
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2) All working dimensions to be checked on site.

Vehicle Details:

WB-15 - Intermediate Semi-Trailer	16.761M
Overall Length	2.590M
Overall Width	3.674M
Overall Body Height	0.407M
Min Body Ground Clearance	2.590M
Max Track Width	6.003
Lock-to-lock time	13.700M
Curb to Curb Turning Radius	

NEW PREMIX TO JKR REQUIREMENT

- 50mm THK. HOT ROLLED 'ASPHALTIC' CONCRETE WEARING COURSE (ACWC 1
- 60mm THK. COMPACTED ASPHALTIC CONCRETE BINDER COURSE (ACBC 28)
- 450mm THK. COMPACTED CRUSHER RUN ROAD BASE
- (TO BE CONSOLIDATED IN TWO LAYERS OF 225mm THK. EACH)
- 200mm THK. SAND BASE

PROJECT:

PAKATAN JURUTERA PINTAR SDN BHD
Consulting Engineers

SCALE: 1:250
DRAWN: xx
DESIGNED: xx
CHECKED: xx

DATE: 4/9/25

DRAWING TITLE:
Swept Path Analysis

DRAWING NO.: KR220159/AT/02

