

LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

AUTHORITY:

PROJECT OWNER:
TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:
PURNAMA SOLUTION

PROFESSIONAL ENGINEER:
MES CONSULT
 I. MOHD FAUZI BIN SANI

NOTES :

- Instrumentation employed: Electromagnetic location system (EM); RD 8100 PDL Receiver/ Tx-10 transmitter.
- Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
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- Measurements are in metres.
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- It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation.
- All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT :
 INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE :
 CONSTRUCTION PLAN (SHEET 01 OF 02)

DETECTION AND MAPPING PRODUCED BY:
ASTRASERI (M) SDN BHD
 Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan.
 Tel / Fax : 03-89500812
 Hlp : 011-26276808
 Email : astraseri@gmail.com
 Website :

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1
 CHECKED BY: DINISHWARAN

APPROVED BY: HAFIZ
 PREPARED BY: HAFIZ

SCALE: 1:500
 UNITS: METER
 DATE: JULY 2024

DRAWING / FILE No: ASSB/24/0069/UMAP/01
 REVISION No.: 0

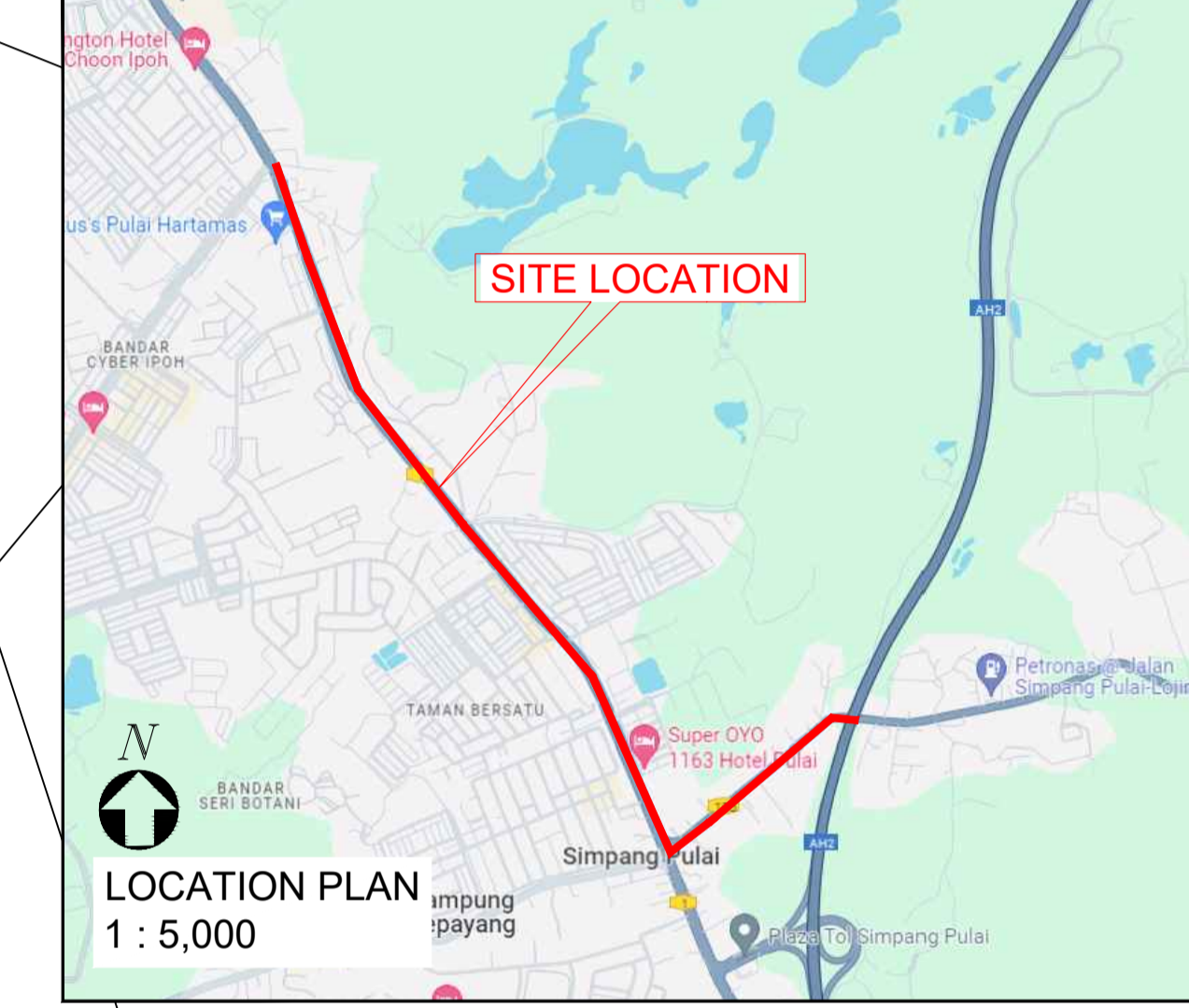
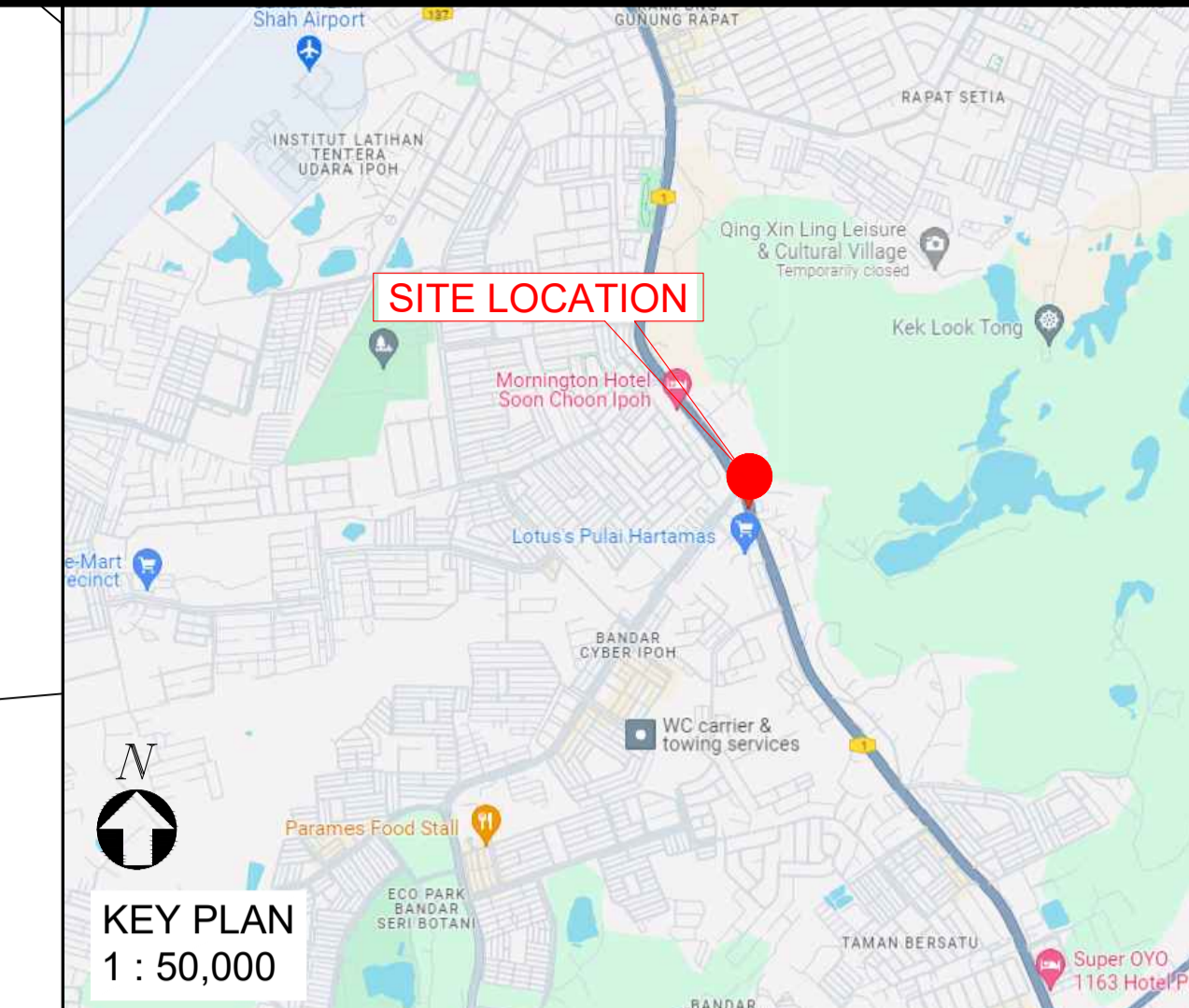
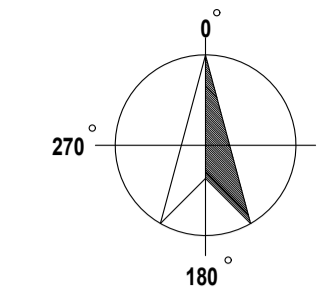
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See Plan No: ASSB/0065/UMAP/01
 See Plan No: ASSB/0065/UMAP/02

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See Plan No: ASSB/0065/UMAP/01
See Plan No: ASSB/0065/UMAP/02



AUTHORITY:

PROJECT OWNER:
TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:
PURNAMA SOLUTION

PROFESSIONAL ENGINEER:
MES CONSULT
I. MOHD FAUZI BIN SANI

- NOTES:
- Instrumentation employed: Electromagnetic location system (EM) RD 8100 PDL Receiver/ Tx-10 transmitter.
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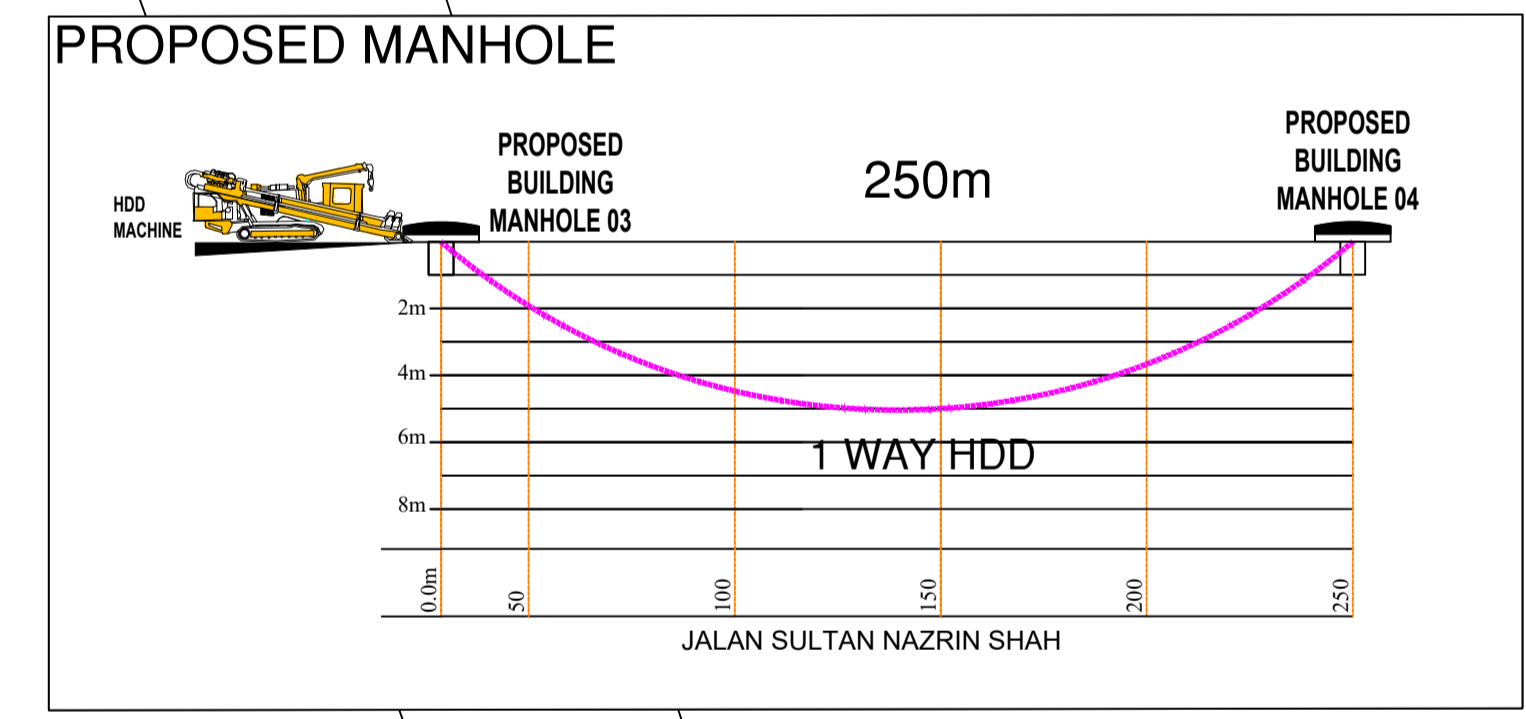
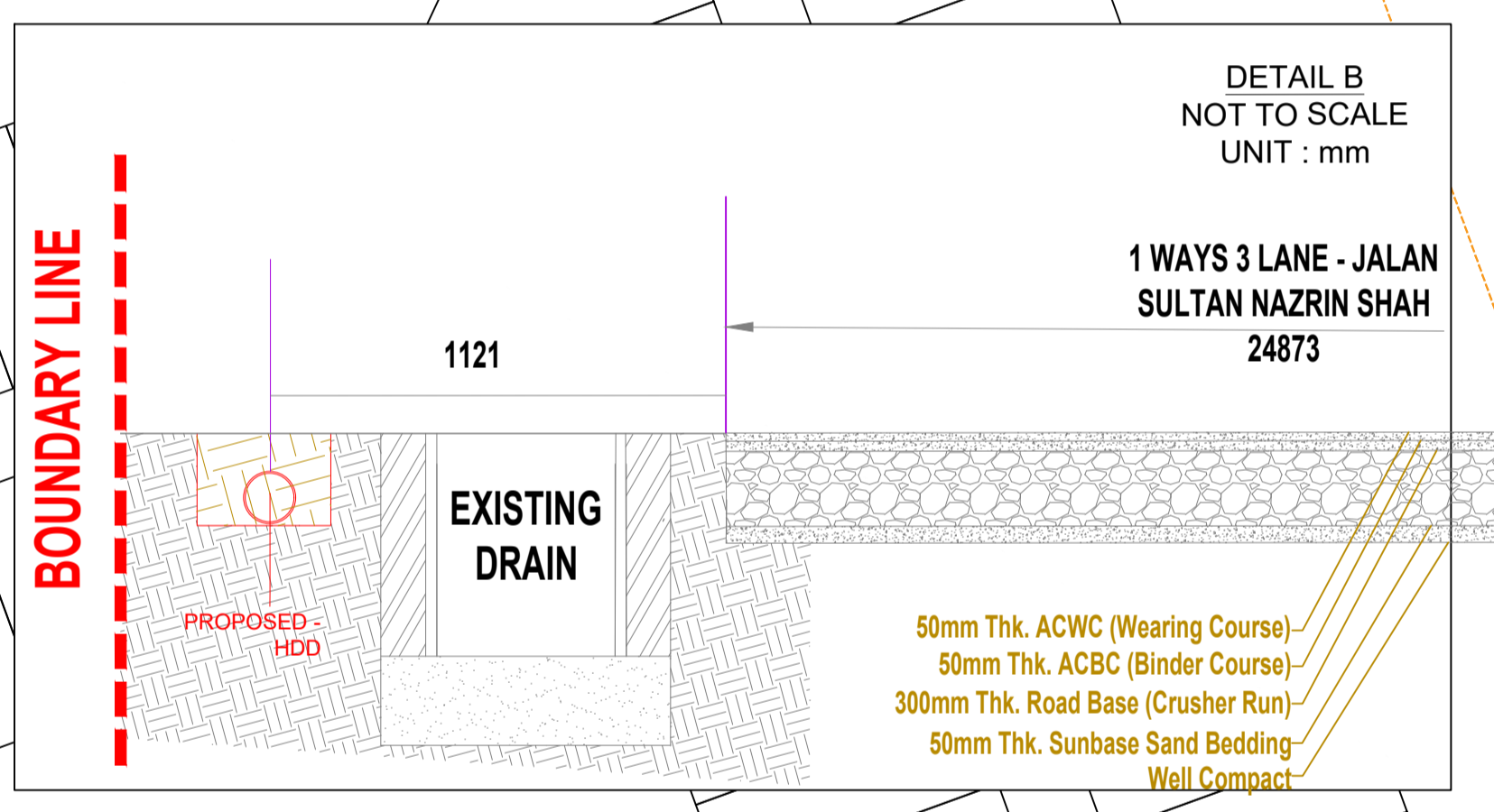
PROJECT:
INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:
CONSTRUCTION PLAN
(SHEET 02 OF 02)

DETECTION AND MAPPING PRODUCED BY:
ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan,
Tel / Fax : 03-89500812
Hlp : 011-26278808
Email : astraseri@gmail.com
Website:

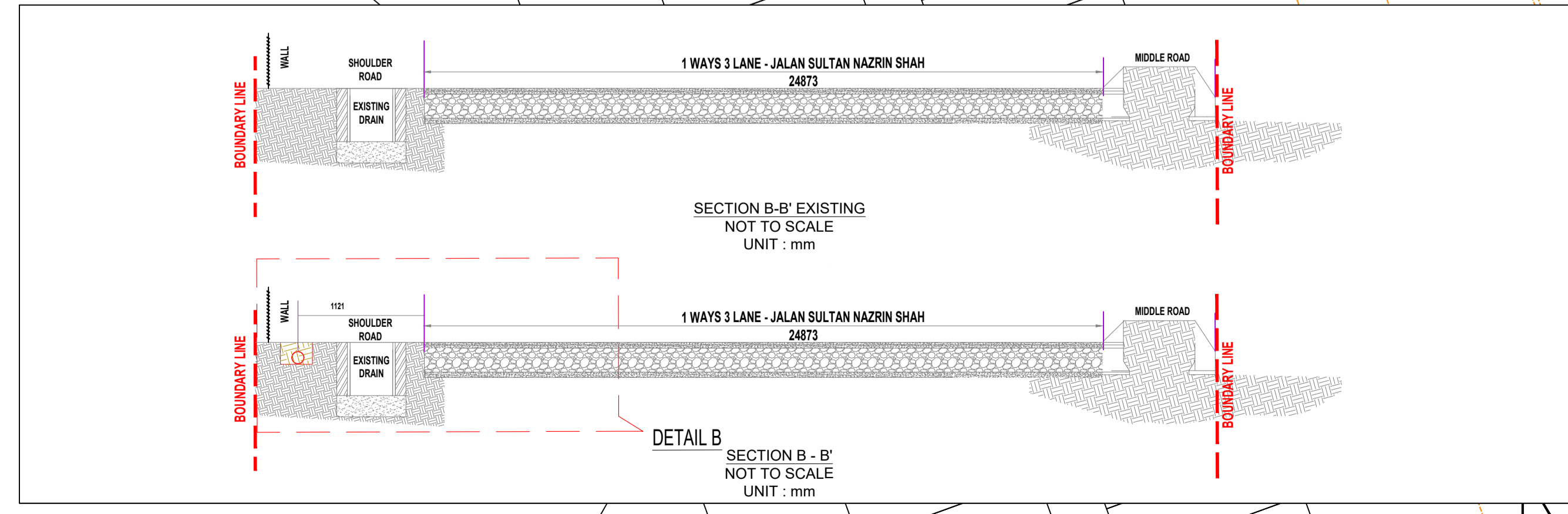
REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1
CHECKED BY: DINISHWARAN
APPROVED BY: HAFIZ
PREPARED BY: HAFIZ
SCALE: 1:500 UNITS: METER DATE: JULY 2024
DRAWING / FILE No: ASSB/24/0069/UMAP/02 REVISION No.: 0
CAD FILE No.: ASSB24-0069-CP-020724.DWG



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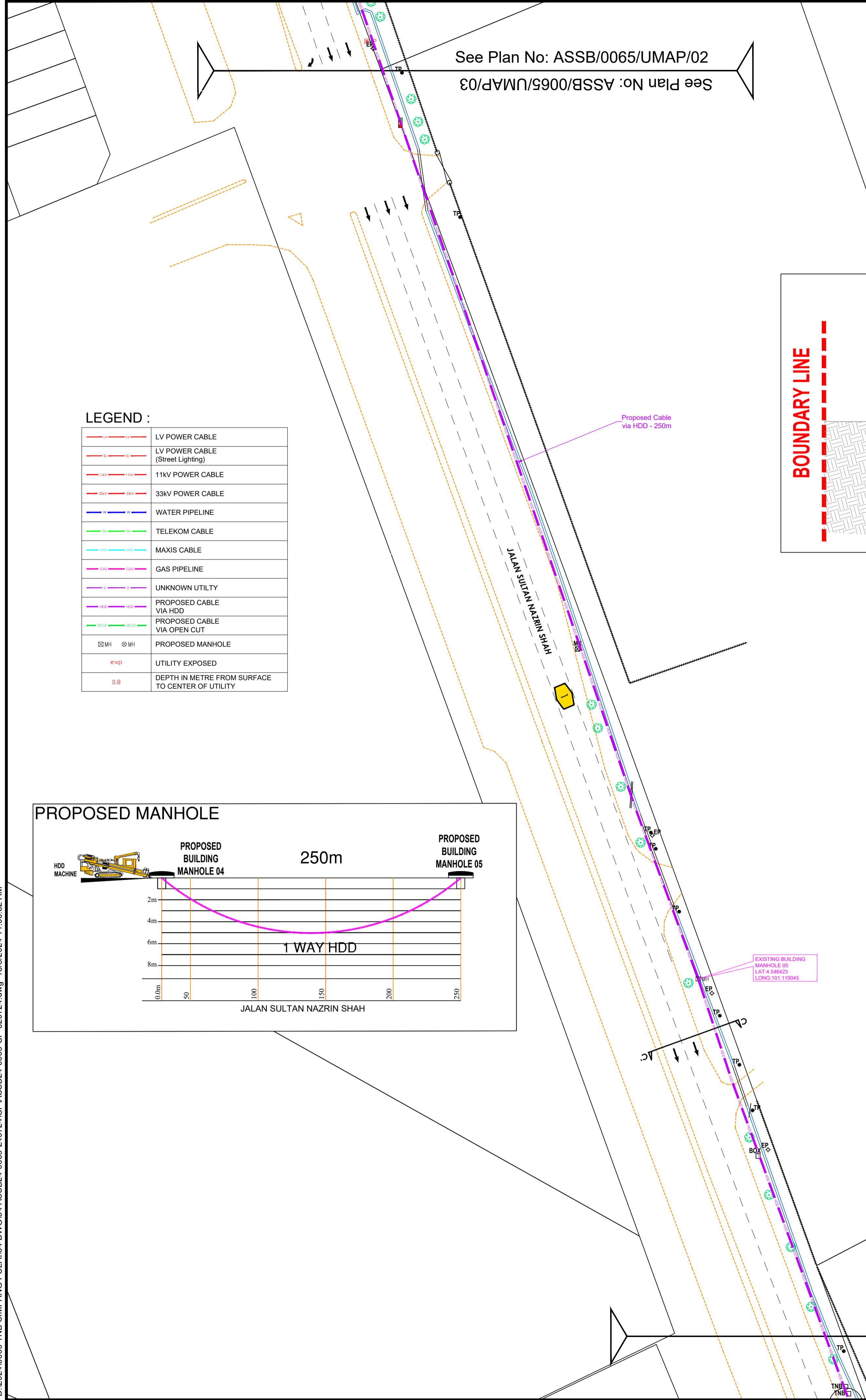
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	LV POWER CABLE (Street Lighting)
	11KV POWER CABLE
	33KV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



See Plan No: ASSB/0065/UMAP/02
See Plan No: ASSB/0065/UMAP/03

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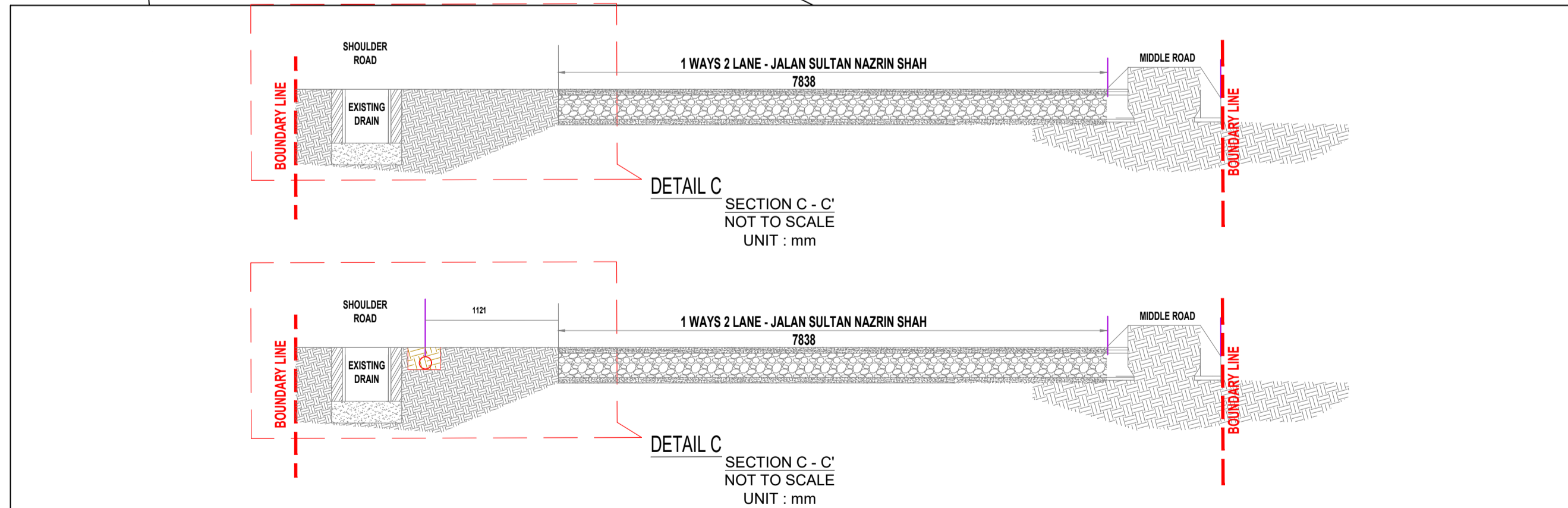
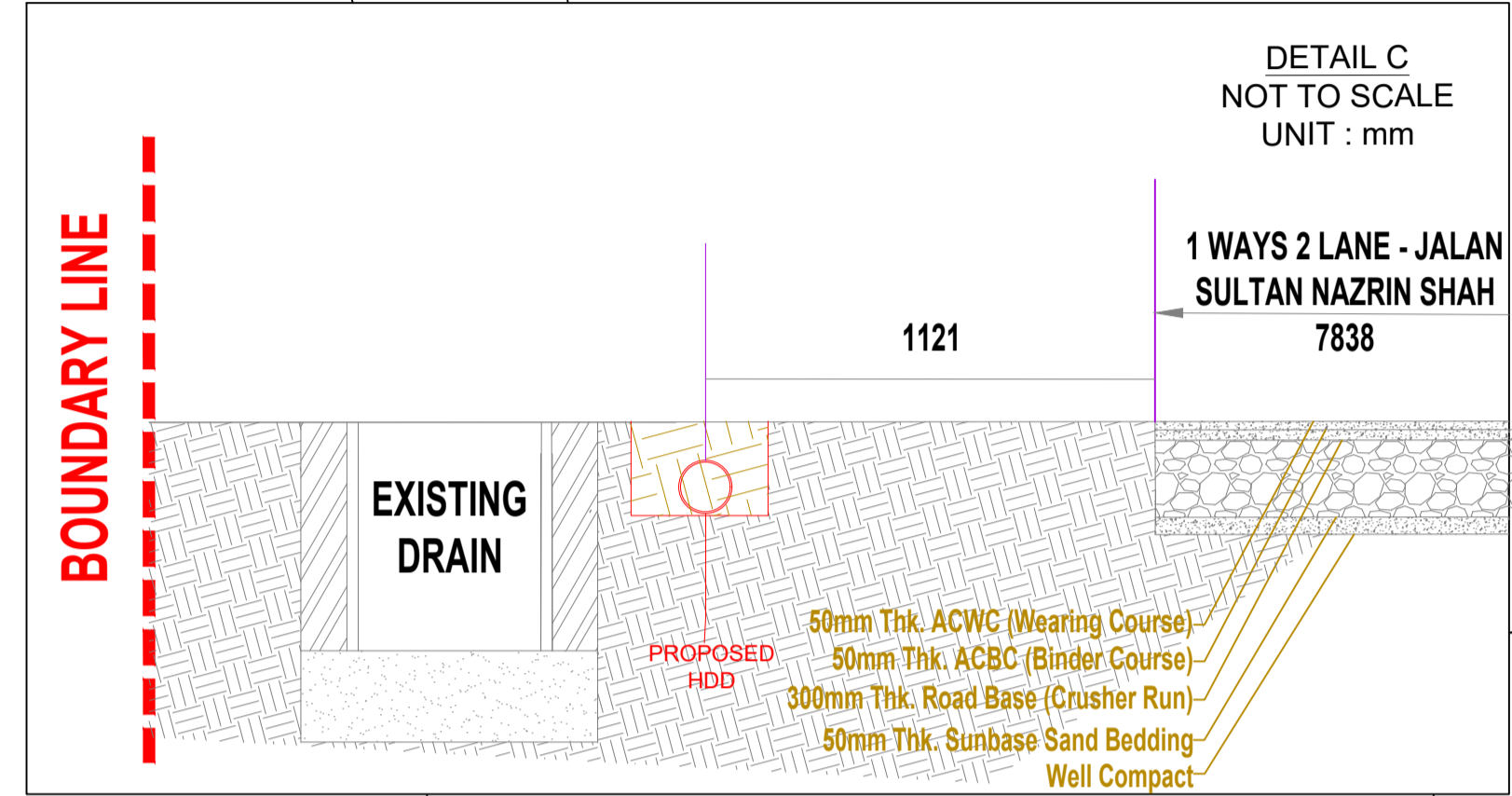
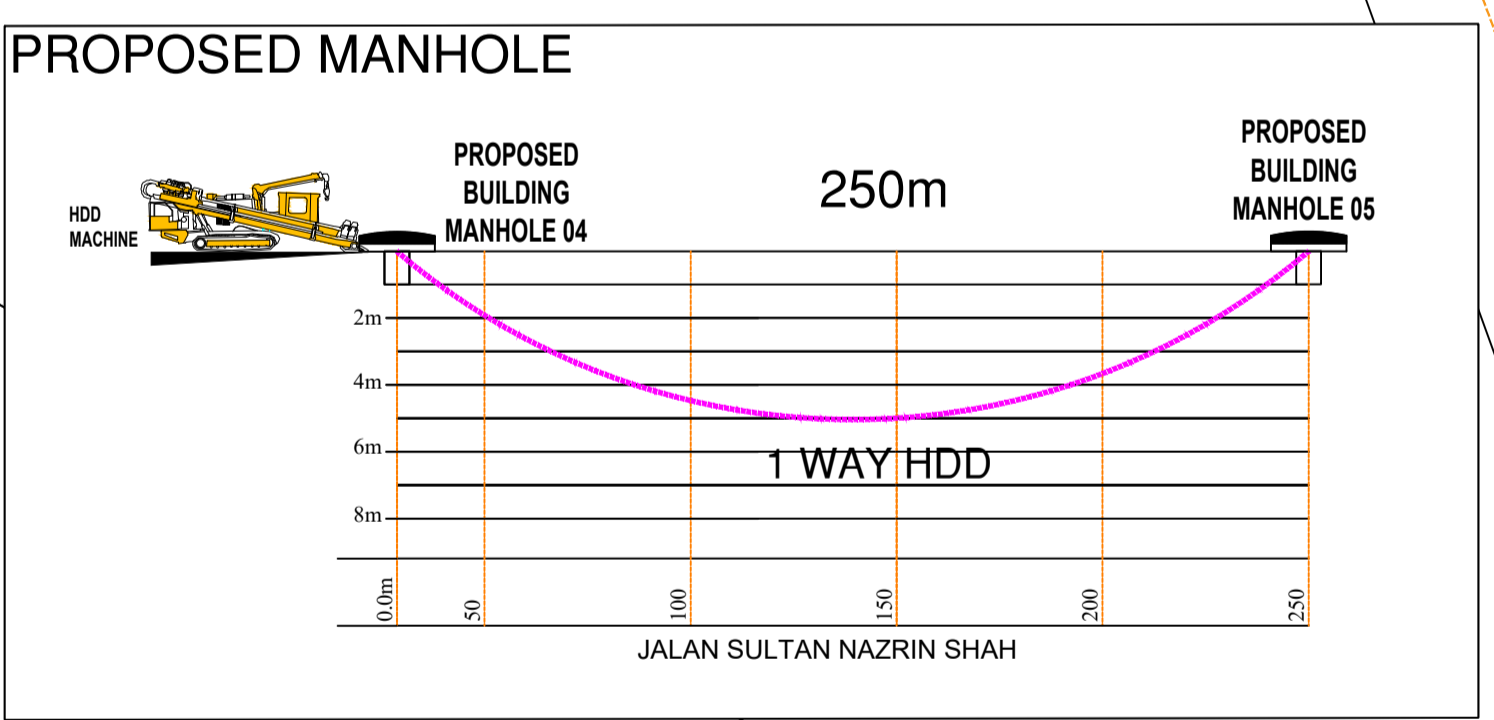
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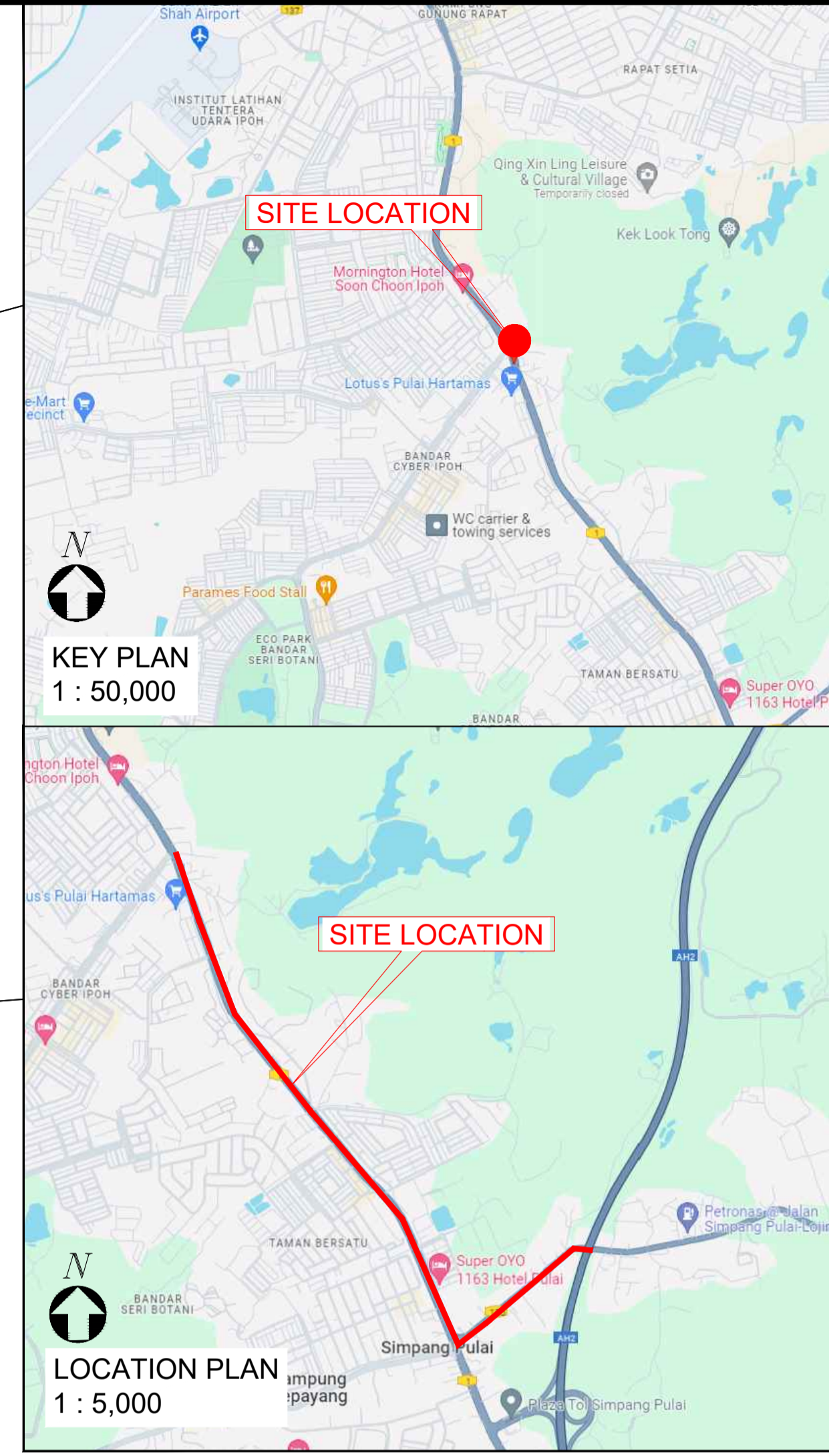
See Plan No: ASSB/0065/UMAP/02
See Plan No: ASSB/0065/UMAP/03

LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



See Plan No: ASSB/0065/UMAP/03
See Plan No: ASSB/0065/UMAP/04



AUTHORITY:

PROJECT OWNER:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION

PROFESSIONAL ENGINEER:

MES CONSULT
I. MOHD FAUZI BIN SANI

NOTES :

- Instrumentation employed: Electromagnetic location system (EM); RD 8100 PDL Receiver/ Tx-10 transmitter.
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- All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT :

INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE :

CONSTRUCTION PLAN (SHEET 03 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan.
Tel / Fax : 03-89500812
Hlp : 011-26276808
Email : astraseri@gmail.com
Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1 **CHECKED BY:** DINISHWARAN

APPROVED BY: **PREPARED BY:** HAFIZ

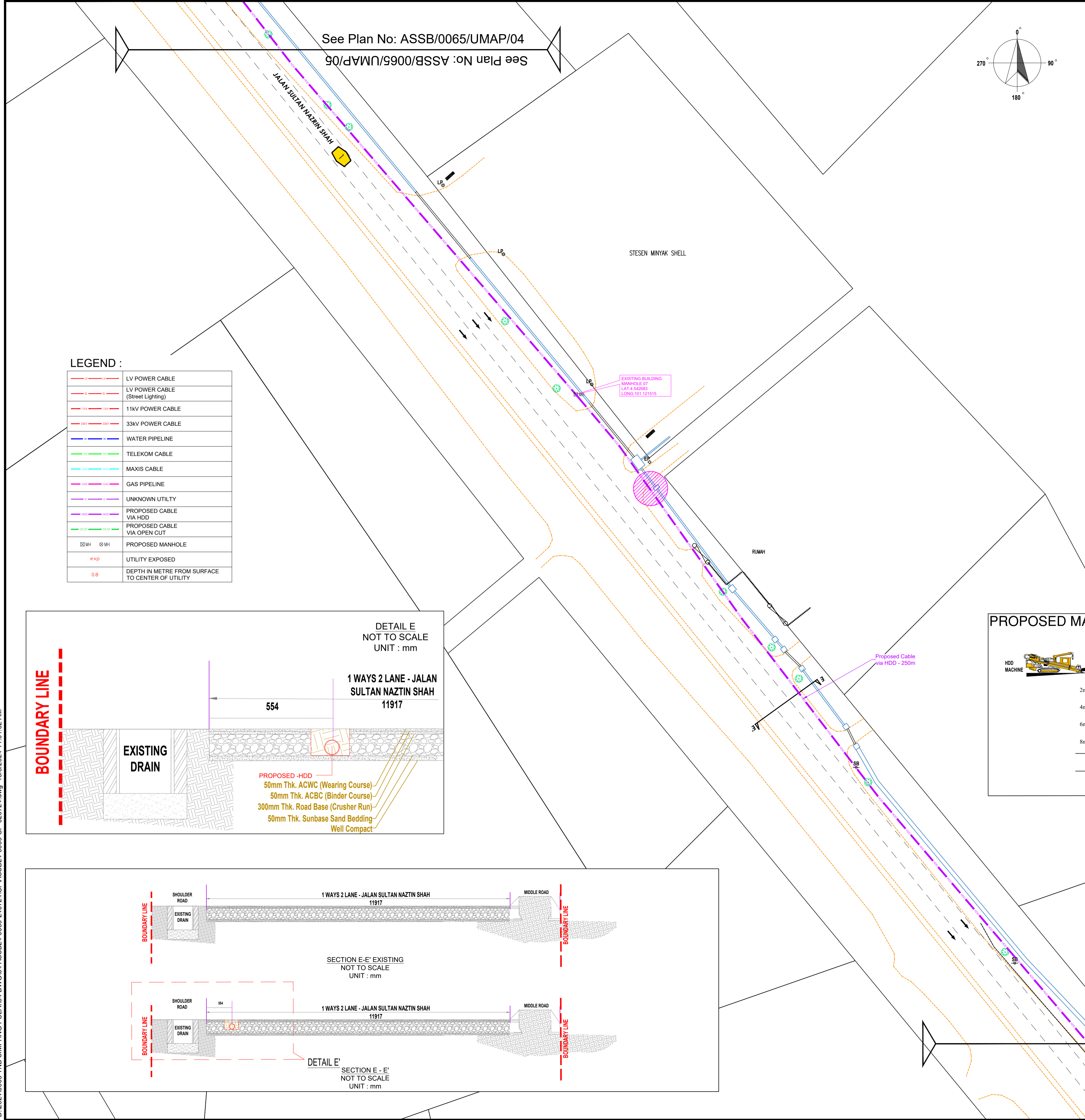
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DRAWING / FILE No: ASSB/24/0069/UMAP/03 **REVISION No.:** 0

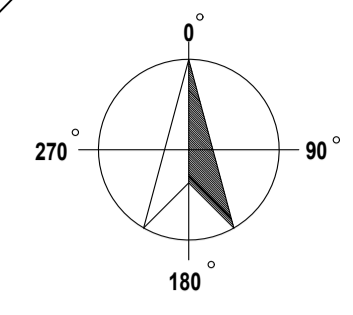
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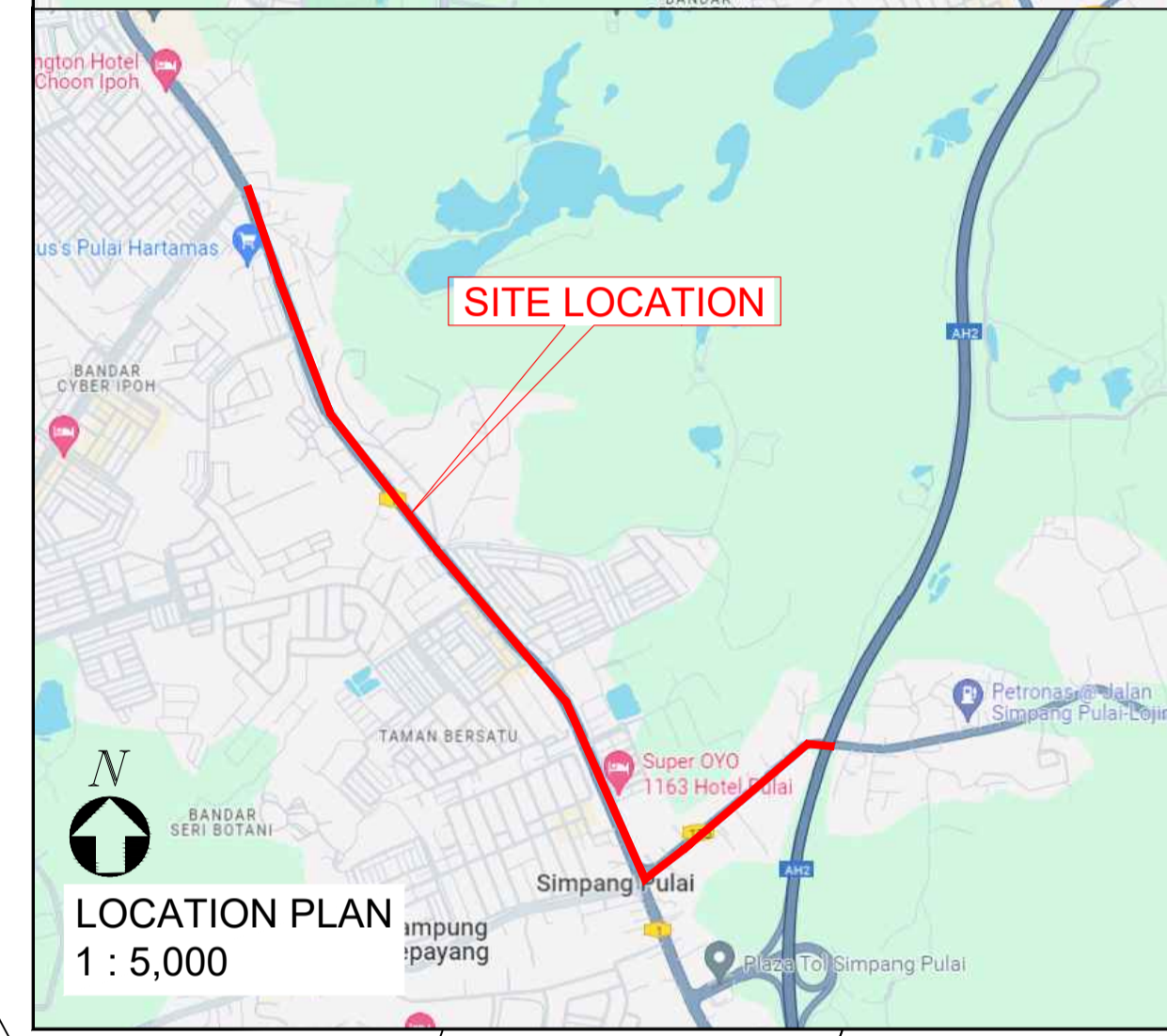
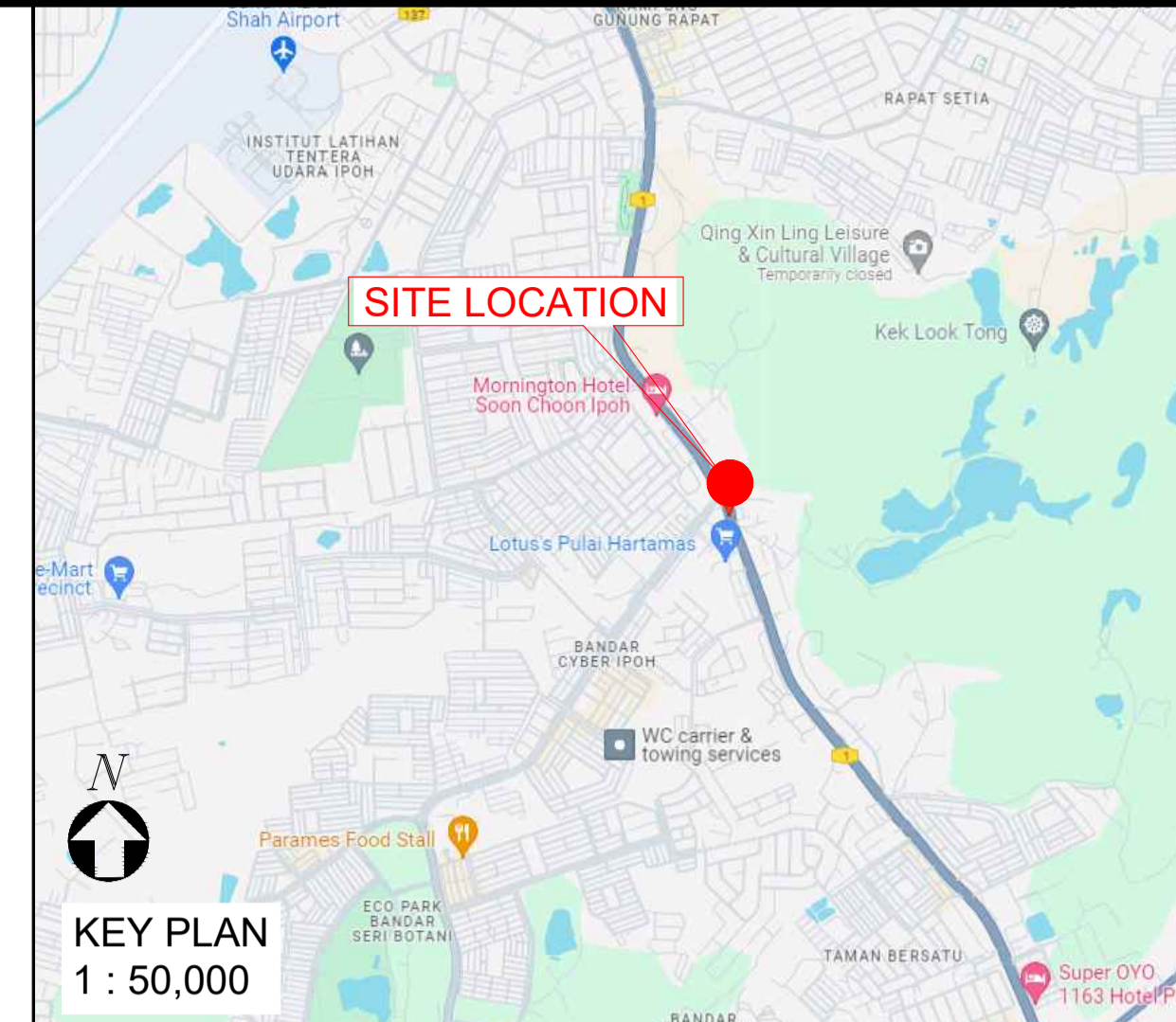


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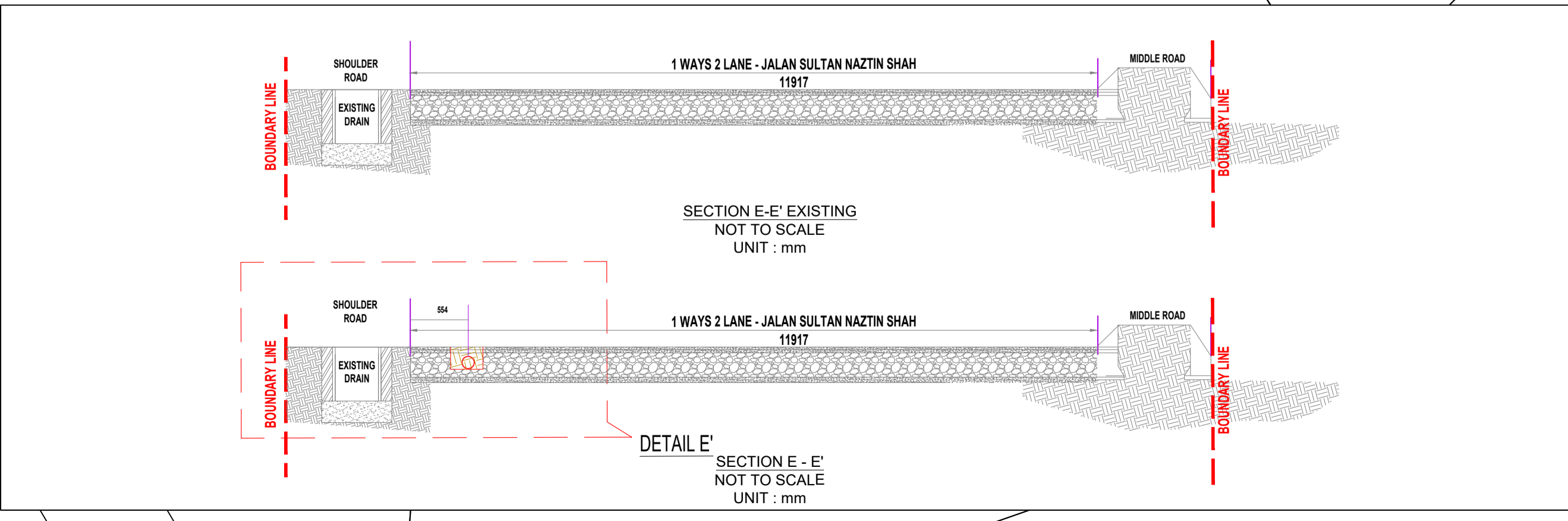
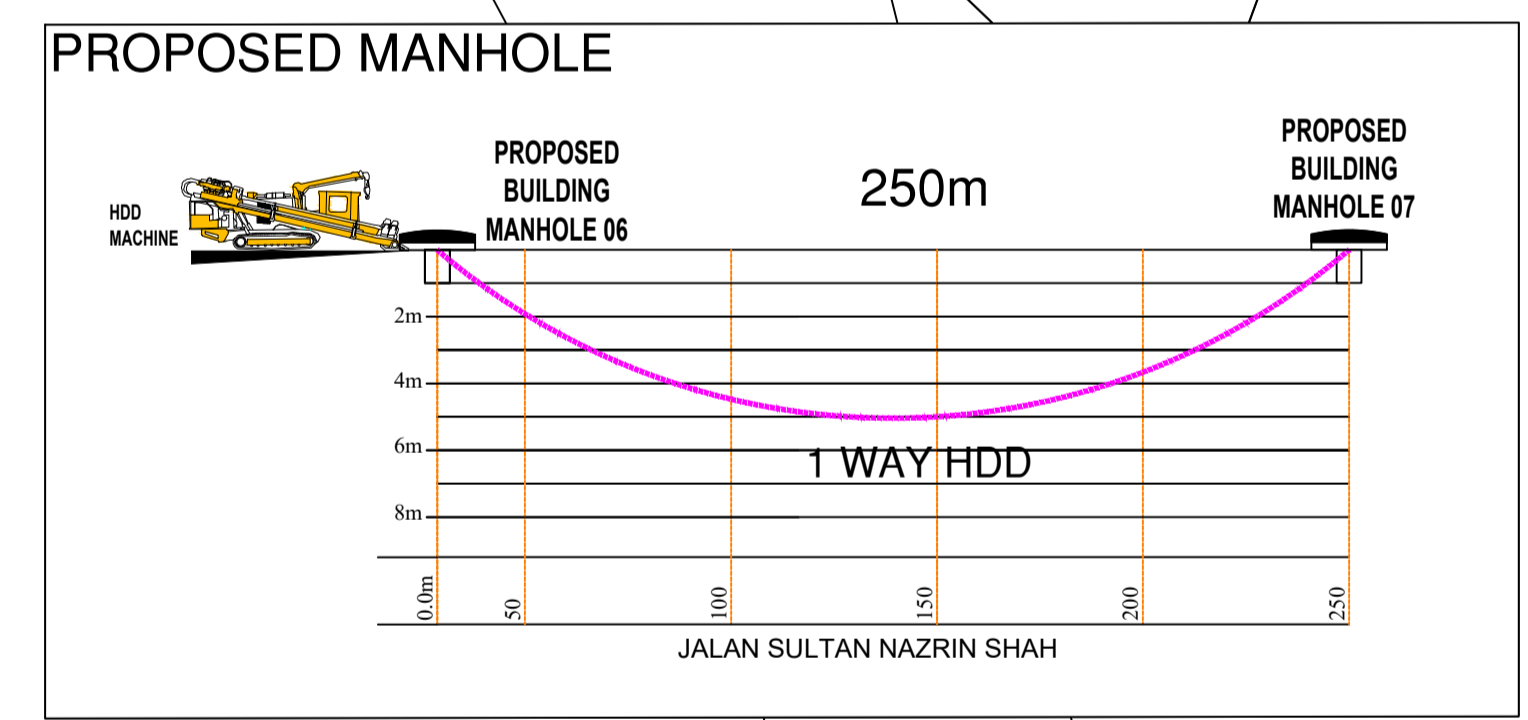
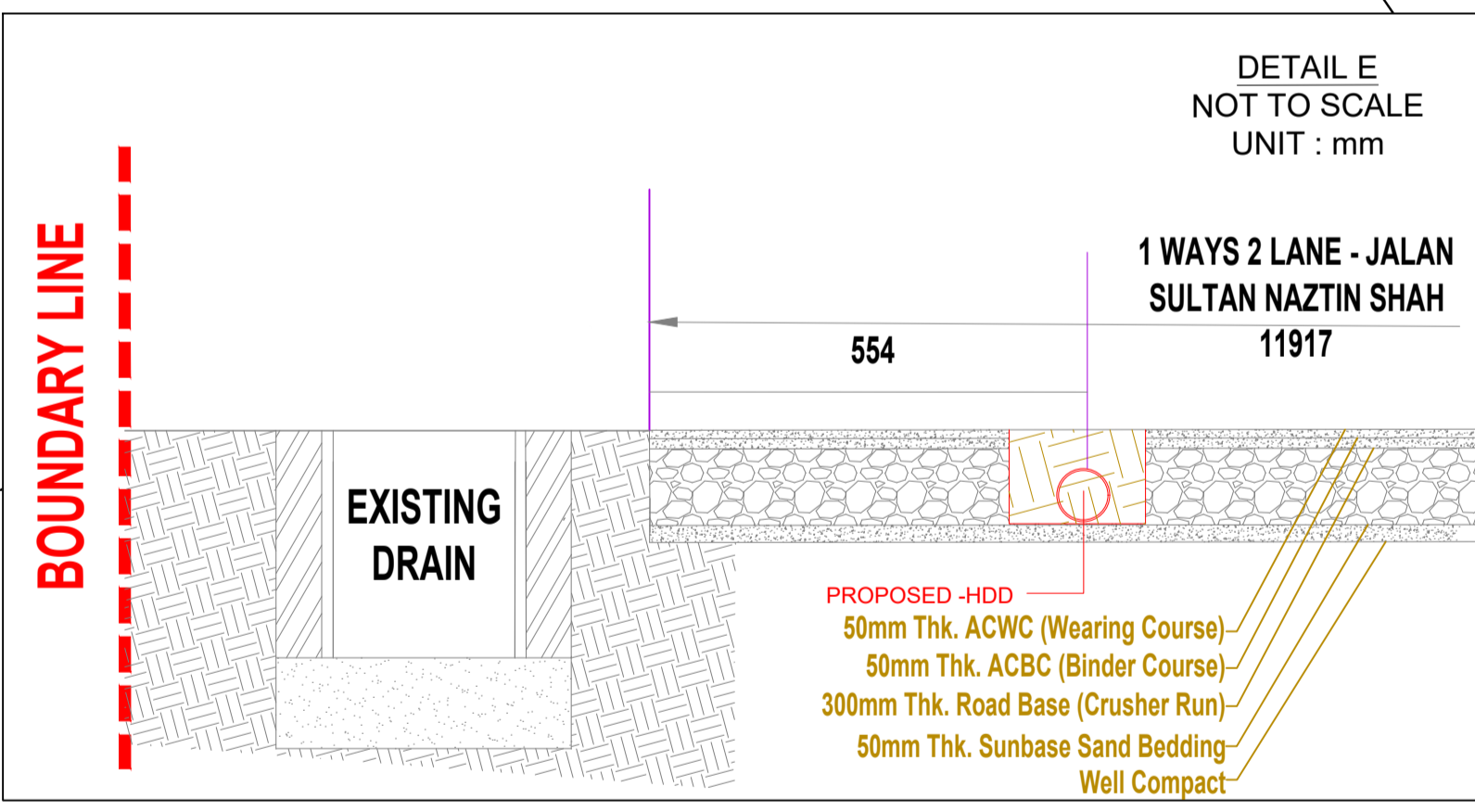


LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



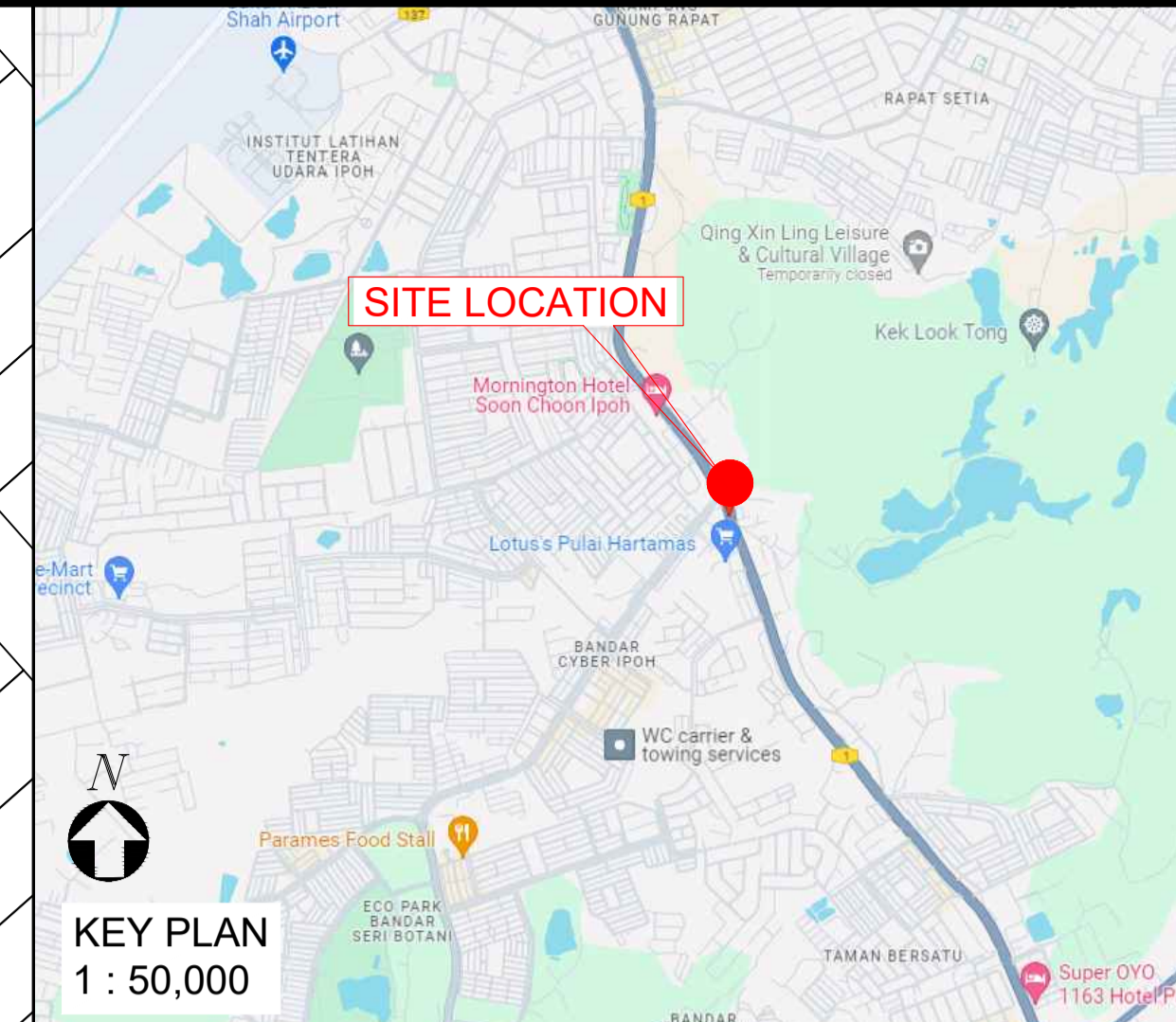
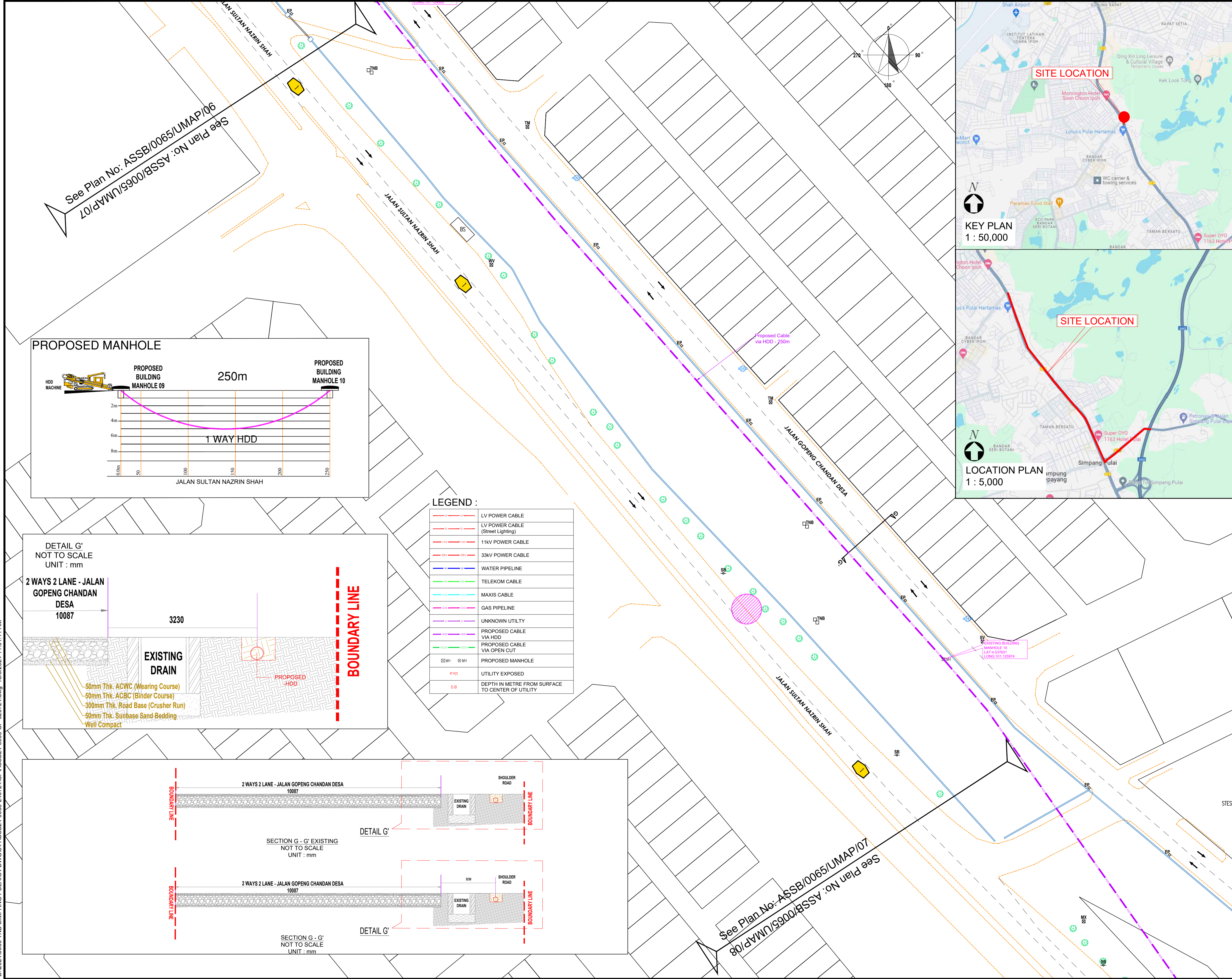
AUTHORITY:					
PROJECT OWNER: 					
CONTRACTOR: 					
PROFESSIONAL ENGINEER: I. MOHD FAUZI BIN SANI					
NOTES: 1. Instrumentation employed: Electromagnetic location system (EM); RD 8100 PDL Receiver/ Tx-10 transmitter. 2. Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey. 3. The survey area was visually inspected and underground utilities detection exercise carried out to ascertain the most probable alignment of buried utilities and services. 4. The range of detection, accuracies and the capability of detecting the buried services are dependent on the soil conditions and it may not always be possible for every utility (particularly the non-metallic ones) to be detected. 5. Measurements are in metres. 6. Estimated depth & positional accuracies: ±0.1m to 0.3m. 7. It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation. 8. All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.					
PROJECT: INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI					
TITLE: CONSTRUCTION PLAN (SHEET 05 OF 02)					
DETECTION AND MAPPING PRODUCED BY: Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax : 03-89500812 Hlp : 011-26276808 Email : astraseri@gmail.com Website:					
REV.	DATE	REVISED BY	CHECKED BY	CONTENT	
DESIGNED BY:	TEAM 1	CHECKED BY:	DINISHWARAN		
APPROVED BY:		PREPARED BY:	HAFIZ		
SCALE:	1:500	UNITS:	METER	DATE:	JULY 2024
DRAWING / FILE No:	ASSB/24/0069/UMAP/05			REVISION No.:	0
CAD FILE No.:	ASSB24-0069-CP-020724.DWG				



See Plan No: ASSB/0065/UMAP/05
See Plan No: ASSB/0065/UMAP/06

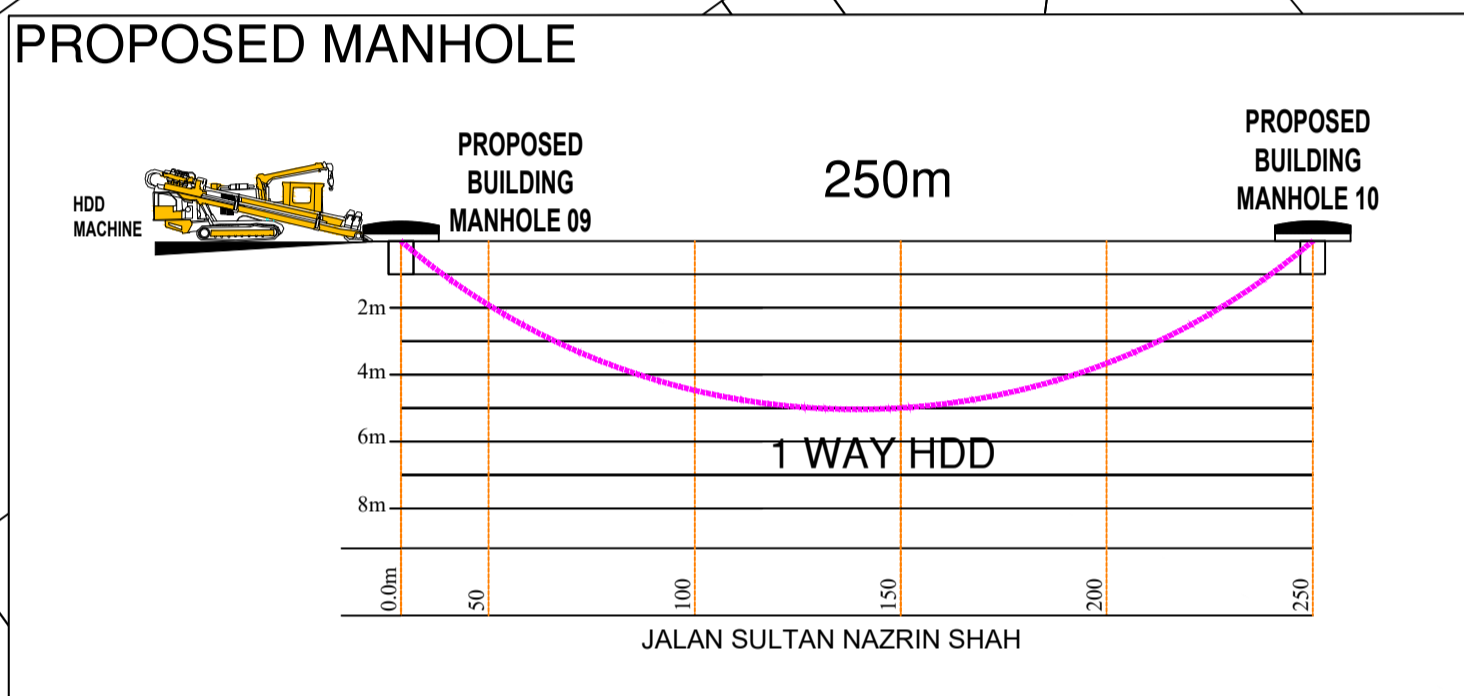
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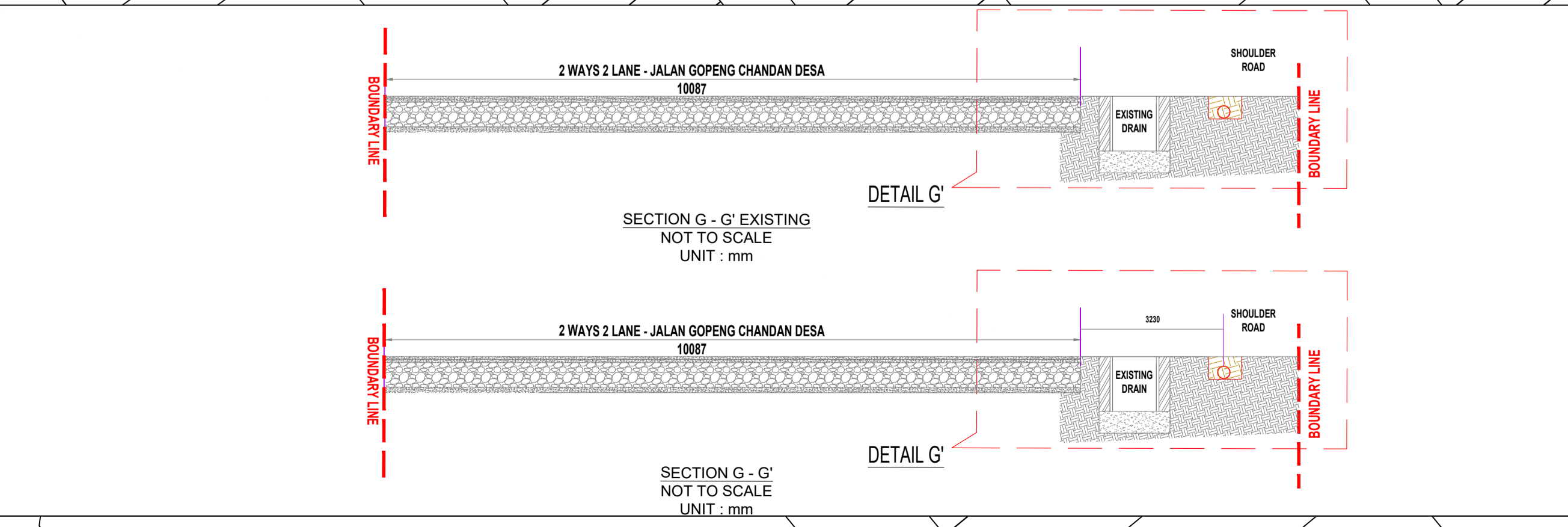
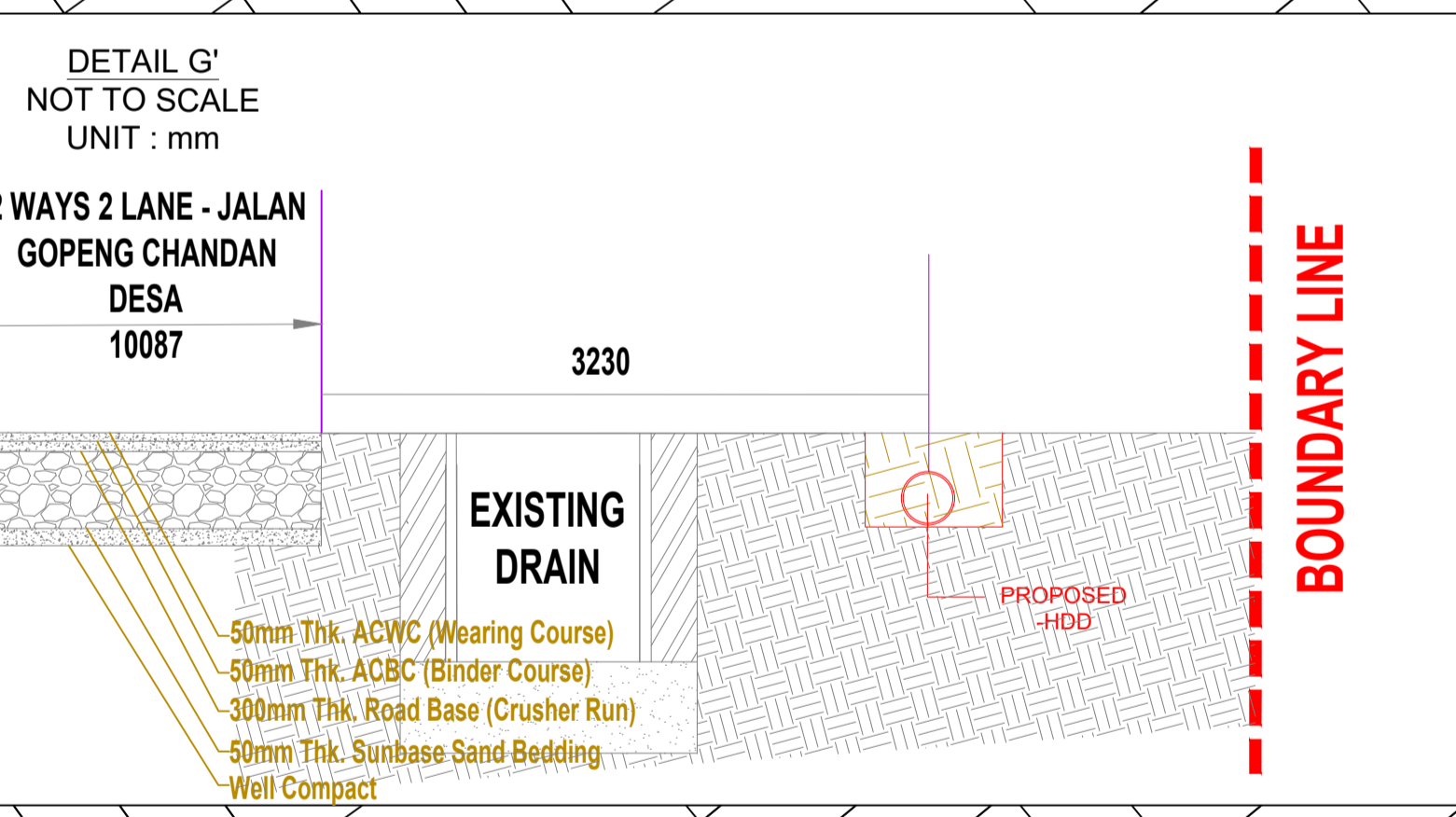
See Plan No: ASSB/0065/UMAP/06
 2019-09-09/UMAP/07

See Plan No: ASSB/0065/UMAP/07
 2019-09-09/UMAP/08



LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
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	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



AUTHORITY:

PROJECT OWNER:
TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:
PURNAMA SOLUTION

PROFESSIONAL ENGINEER:
MES CONSULT
 I. MOHD FAUZI BIN SANI

NOTES :

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PROJECT :

INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE :

CONSTRUCTION PLAN
 (SHEET 07 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
 Lot 181A, Jalan Besar Puchong Batu 14,
 47100 Puchong,
 Selangor Darul Ehsan,
 Tel / Fax : 03-89500812
 Hlp : 011-26276808
 Email : astraseri@gmail.com
 Website :

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN
 APPROVED BY: PREPARED BY: HAFIZ

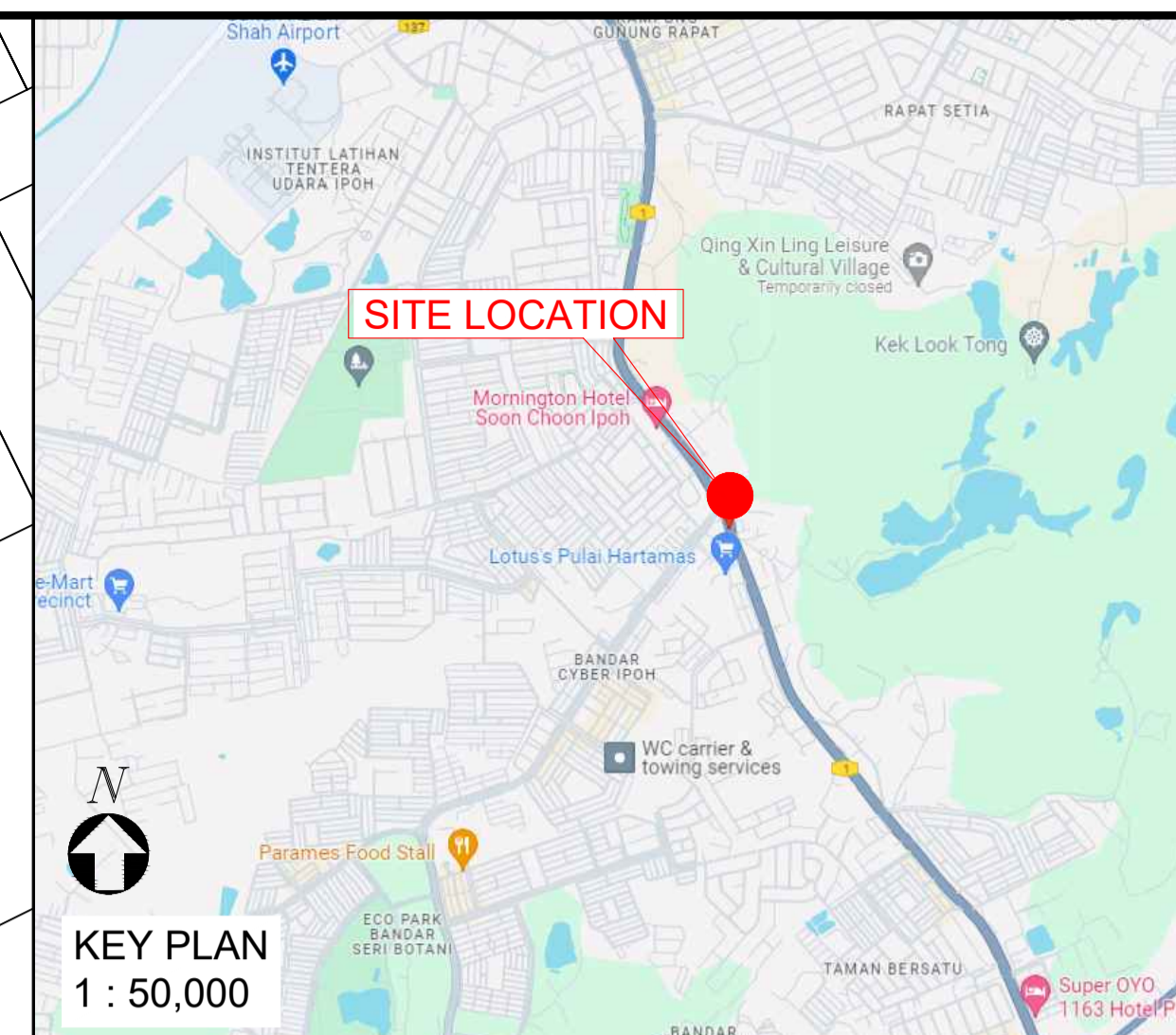
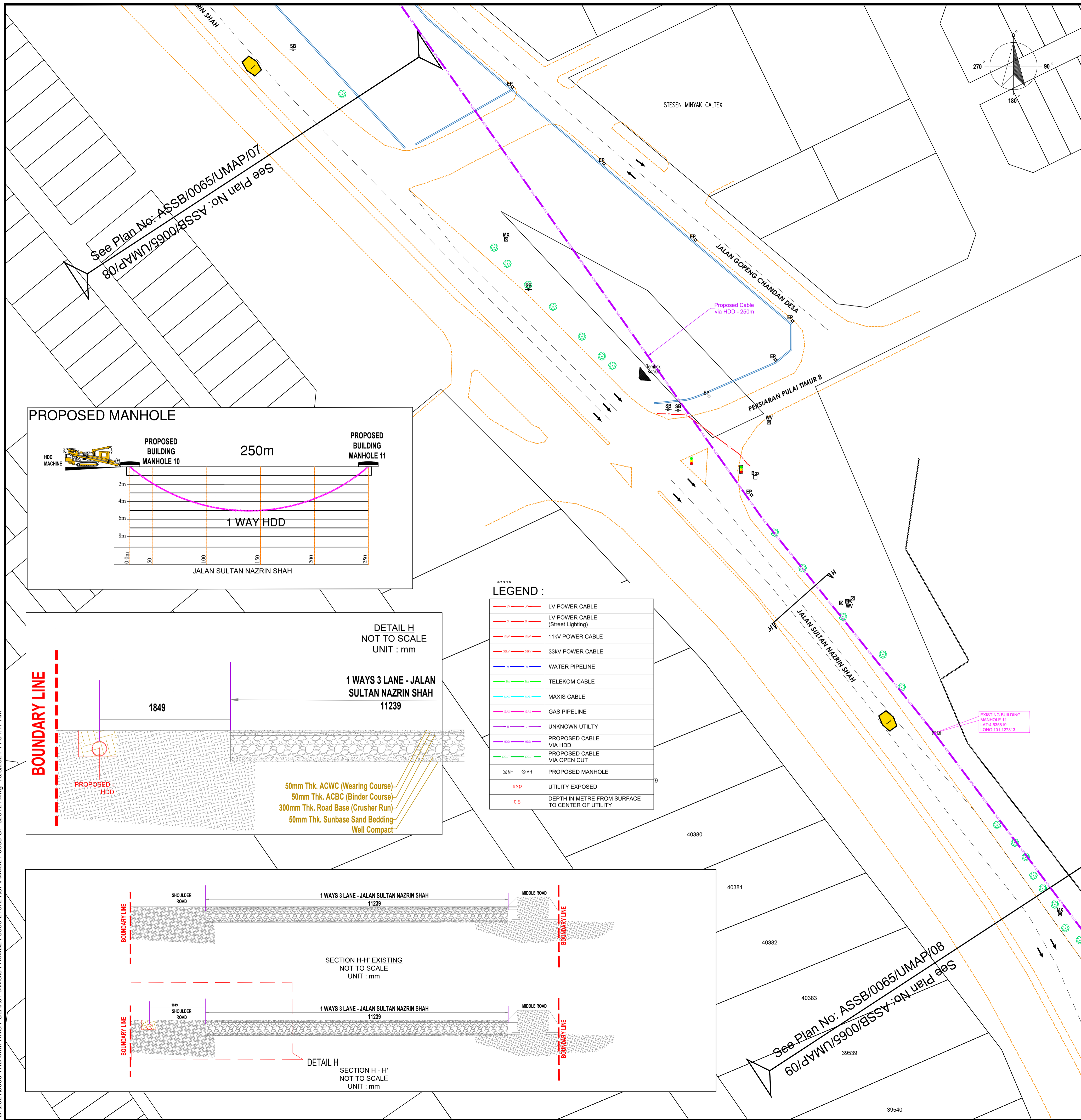
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CAD FILE No.: ASSB24-0069-CP-020724.DWG

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AUTHORITY:

PROJECT OWNER:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION

PROFESSIONAL ENGINEER:

MES CONSULT
I. MOHD FAUZI BIN SANI

NOTES:

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PROJECT:

INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:

CONSTRUCTION PLAN
(SHEET 08 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan.
Tel / Fax : 03-89500812
Hlp : 011-26276808
Email : astraseri@gmail.com
Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

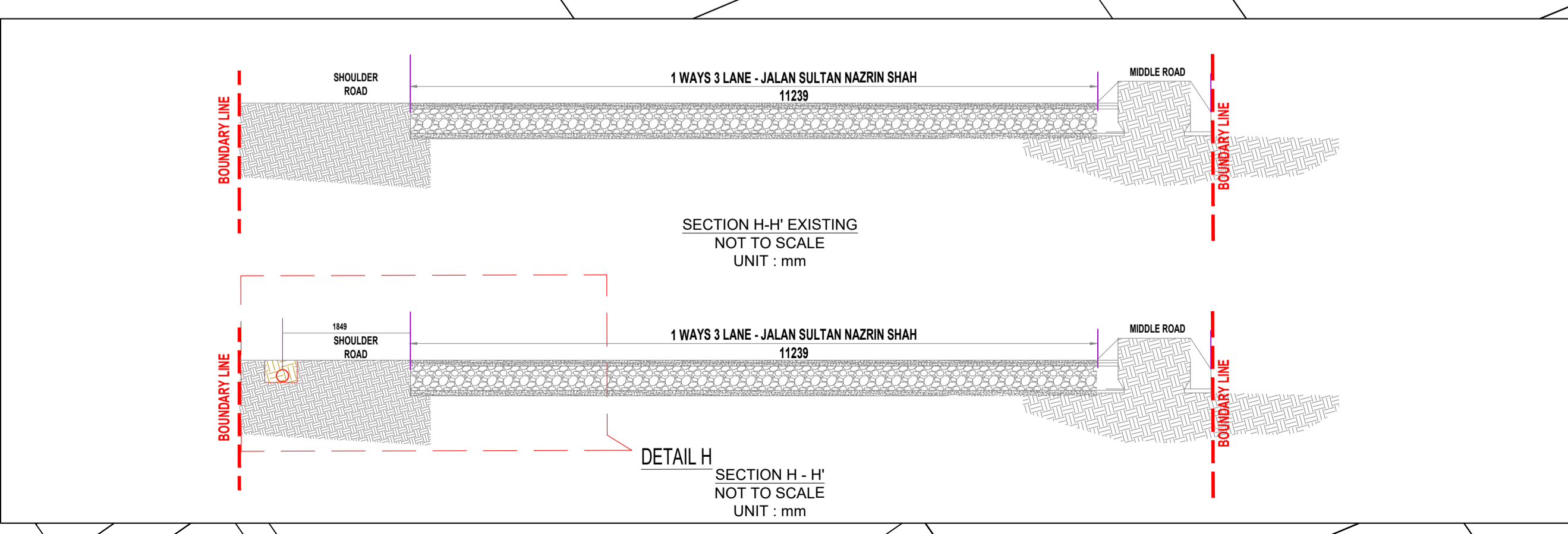
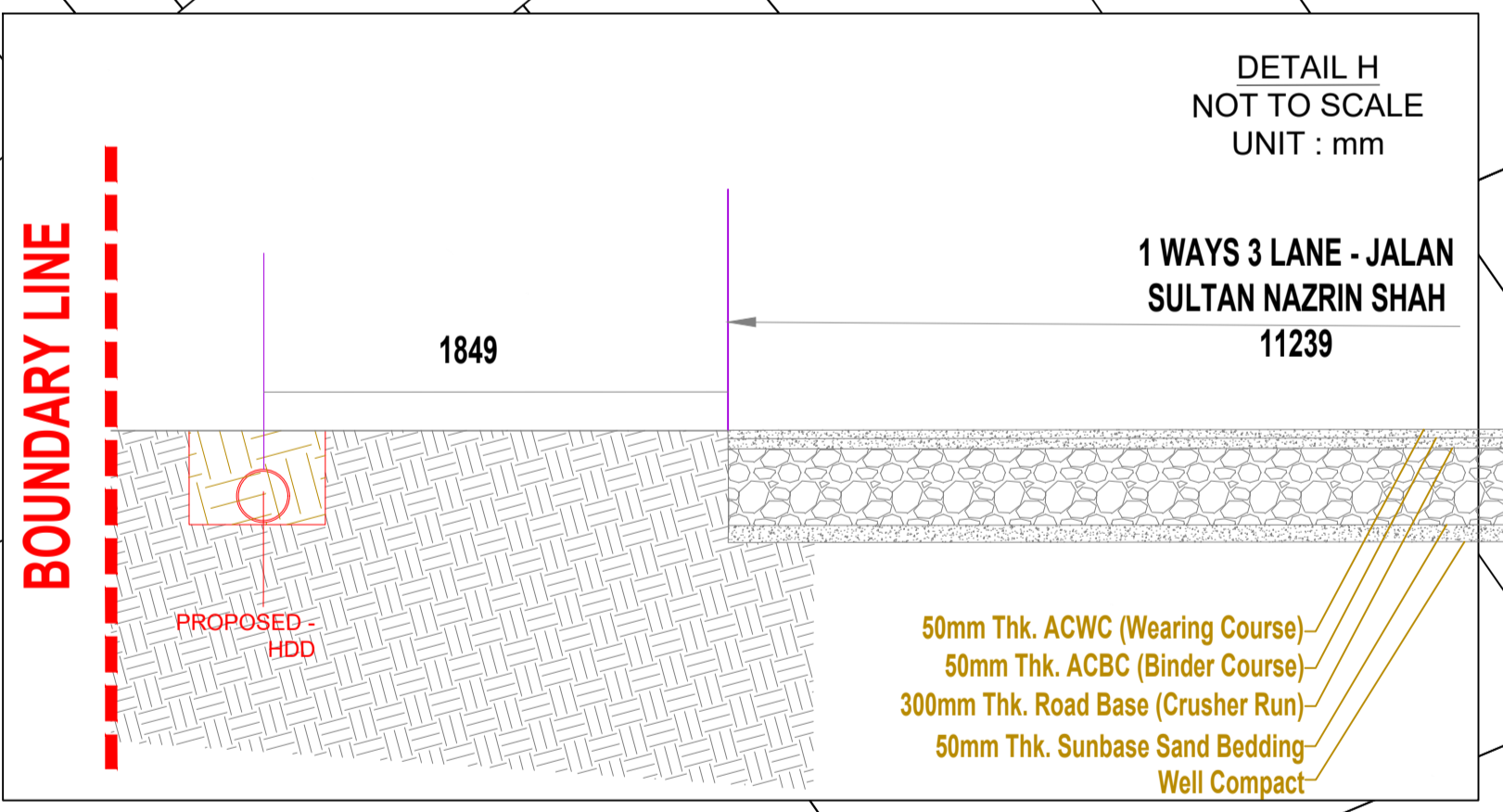
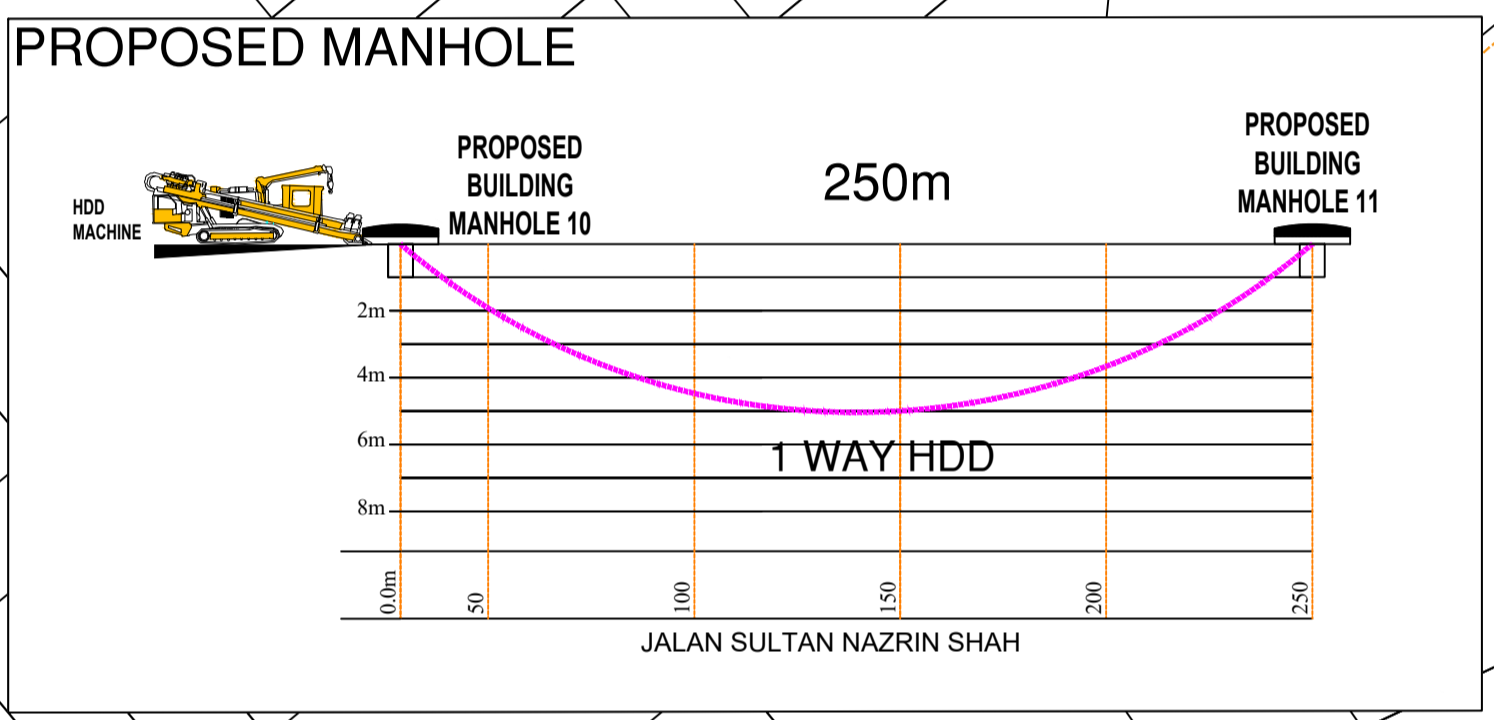
DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN

APPROVED BY: PREPARED BY: HAFIZ

SCALE: 1:500 UNITS: METER DATE: JULY 2024

DRAWING / FILE No: ASSB/24/0069/UMAP/08 REVISION No.: 0

CAD FILE No.: ASSB24-0069-CP-020724.DWG

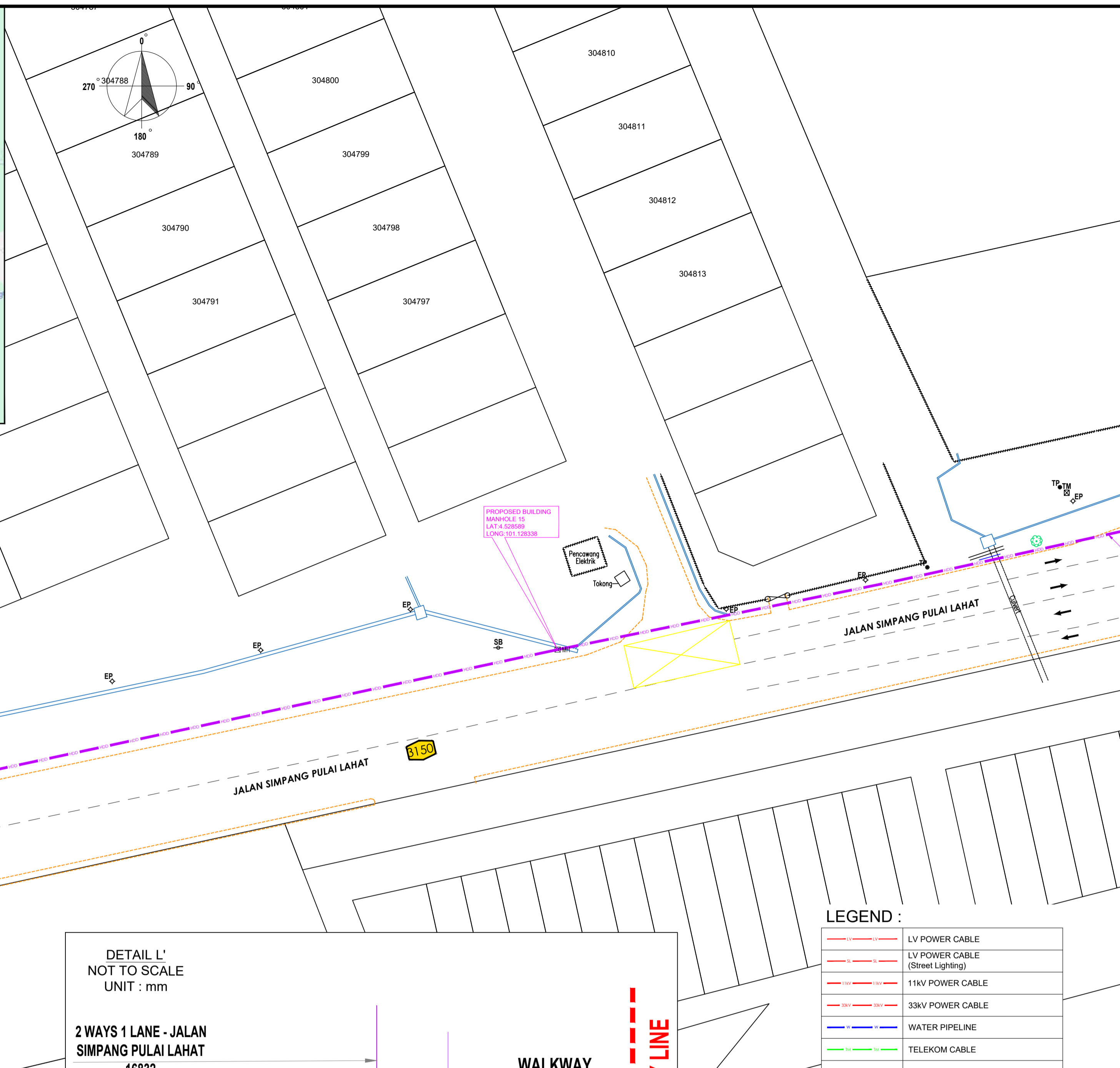
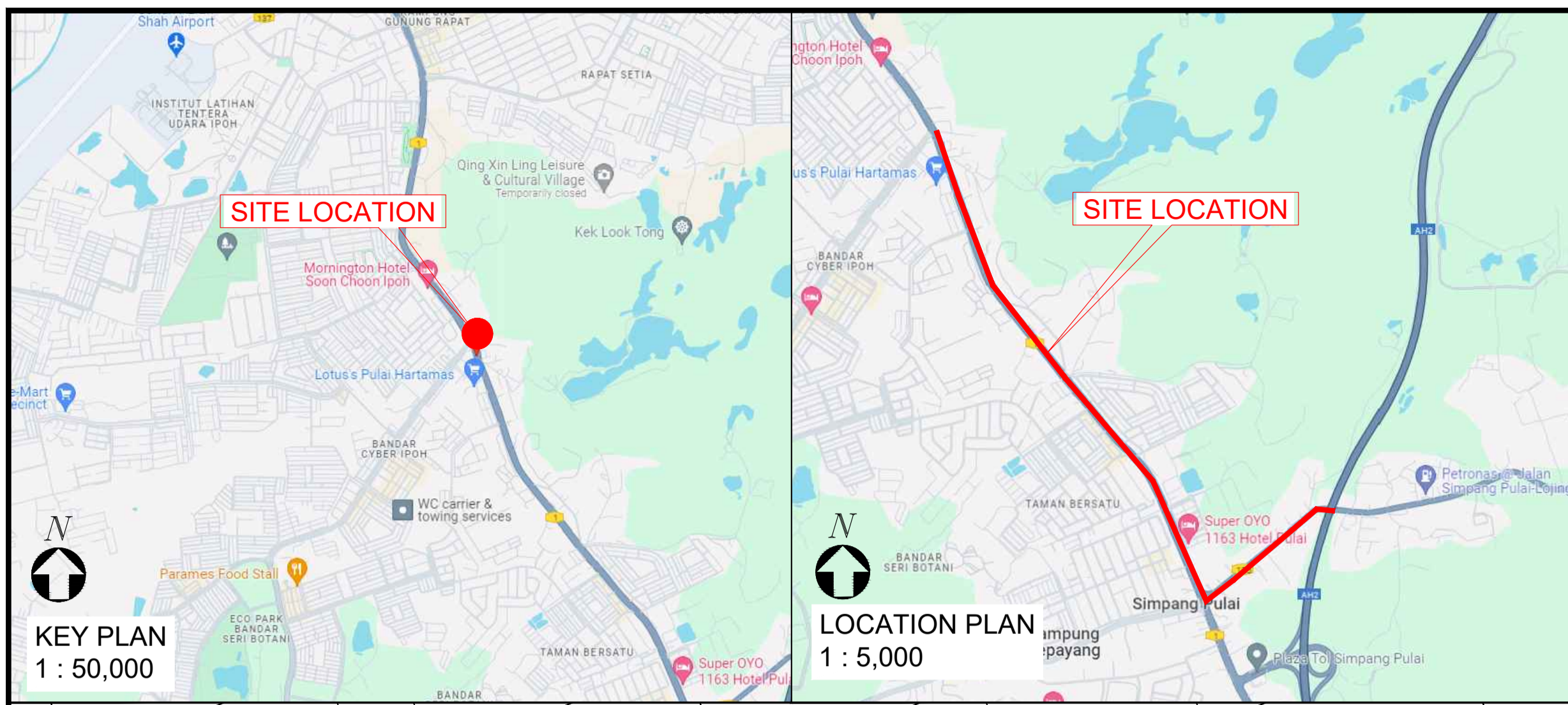


LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

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AUTHORITY:

PROJECT OWNER:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION

PROFESSIONAL ENGINEER:

MES CONSULT
Ic. MOHD FAUZI BIN SANI
NO. 01-12-NO. 6 PERAKAN
PASAK HJMI TAMAN BUKIT JELUTONG,
40150 Seremban D.E. 017-7590945

Ic. MOHD FAUZI BIN SANI

- NOTES:
- Instrumentation employed: Electromagnetic location system (EM); RD 8100 PDL Receiver/ Tx-10 transmitter.
 - Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
 - The survey area was visually inspected and underground utilities detection exercise carried out to ascertain the most probable alignment of buried utilities and services.
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 - Estimated depth & positional accuracies: ±0.1m to 0.3m.
 - It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation.
 - All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT:

INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:

CONSTRUCTION PLAN
(SHEET 12 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan.
Tel / Fax : 03-89500812
Hlp : 011-26276808
Email : astraseri@gmail.com
Website:

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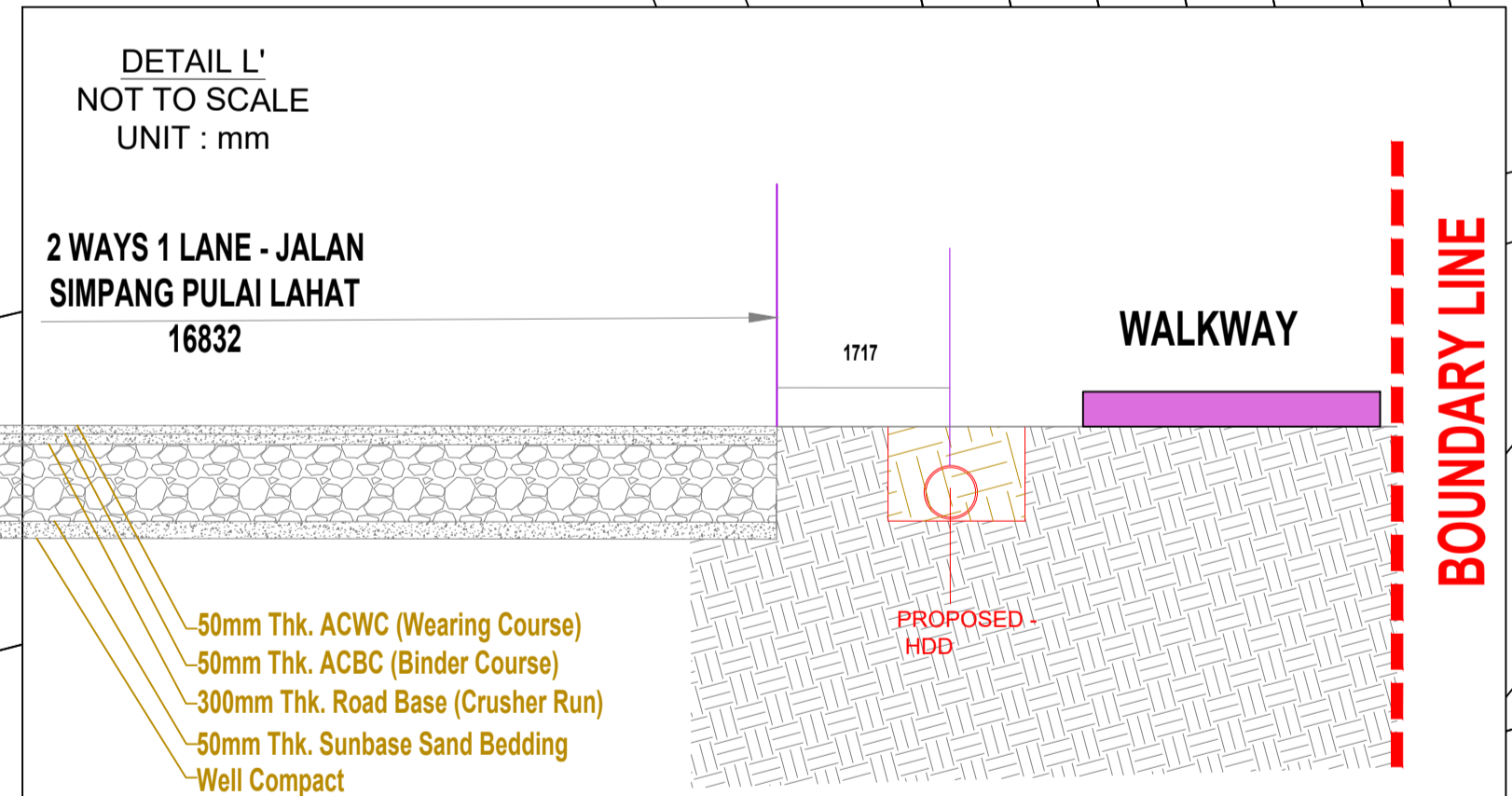
DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN

APPROVED BY: PREPARED BY: HAFIZ

SCALE: 1:500 UNITS: METER DATE: JULY 2024

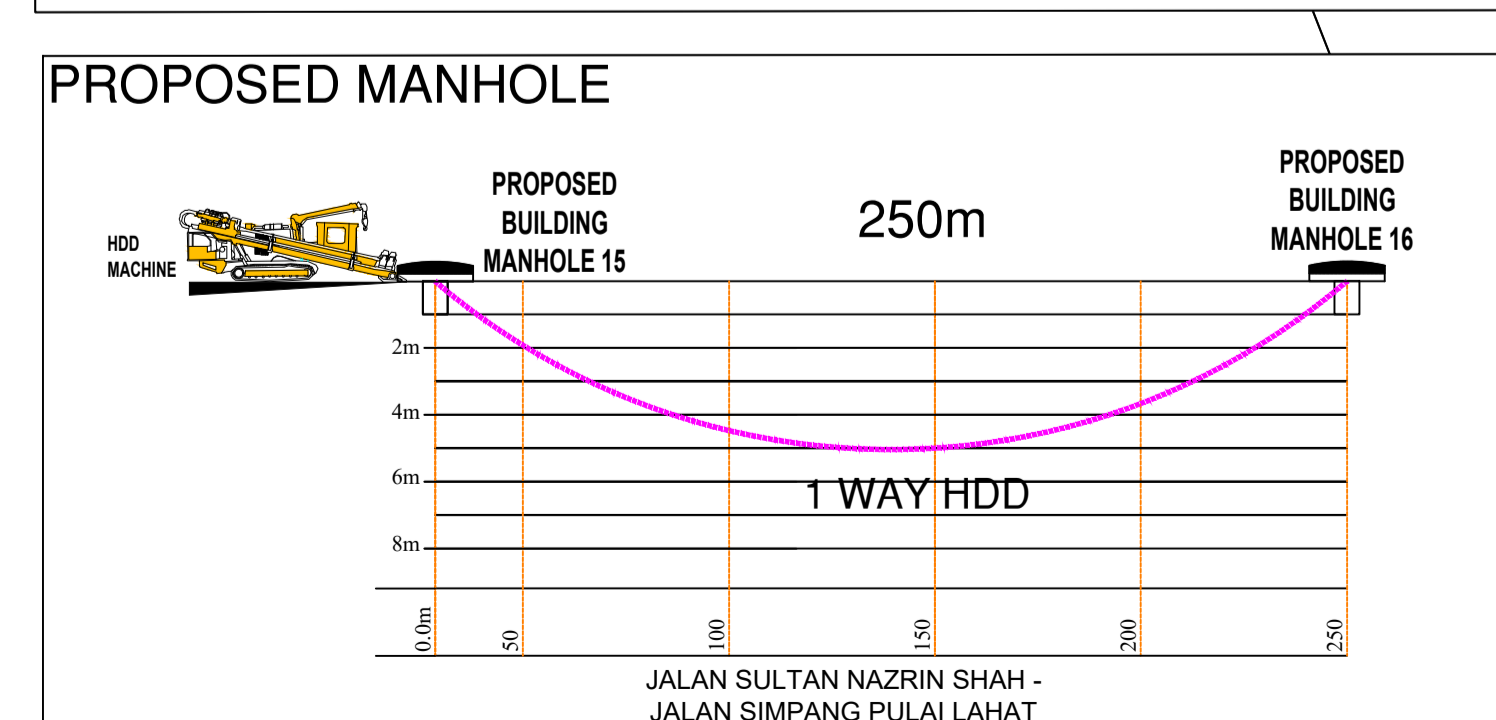
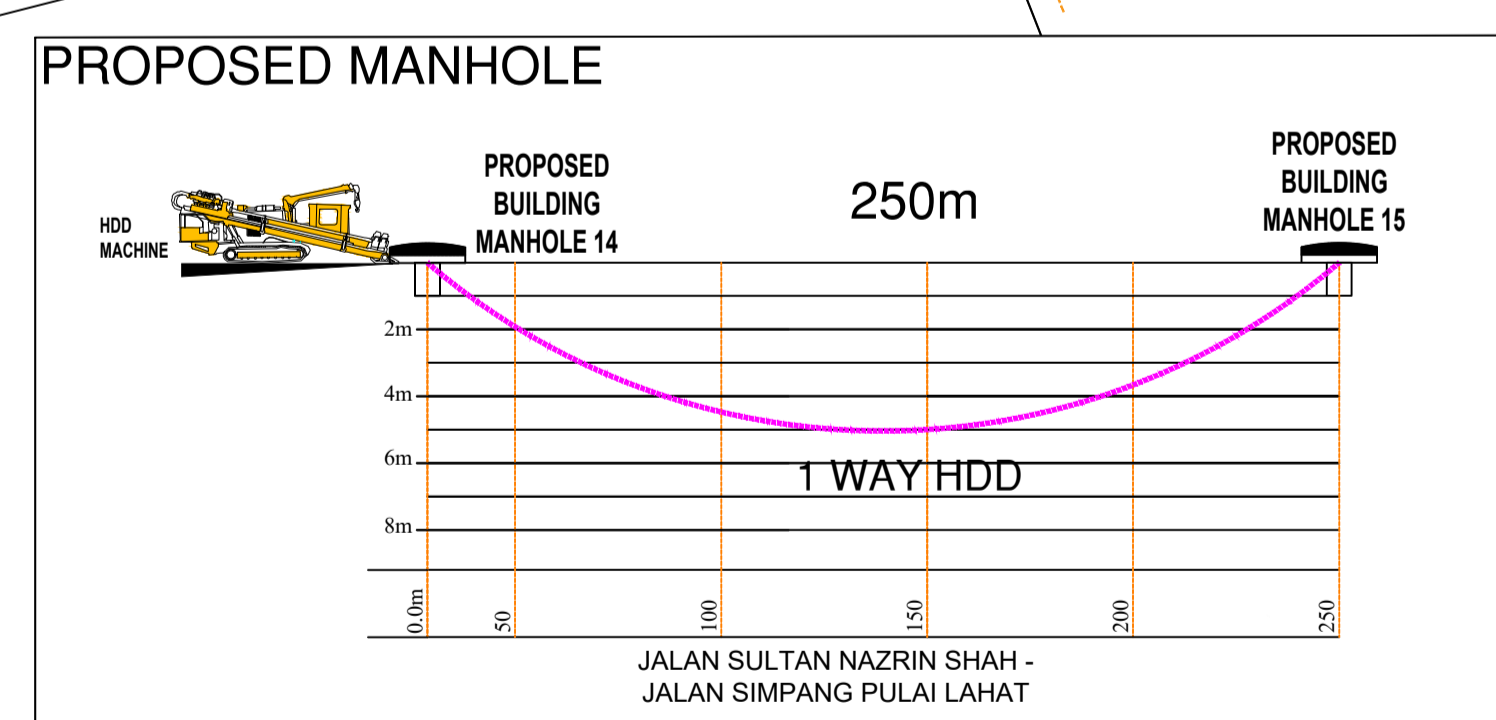
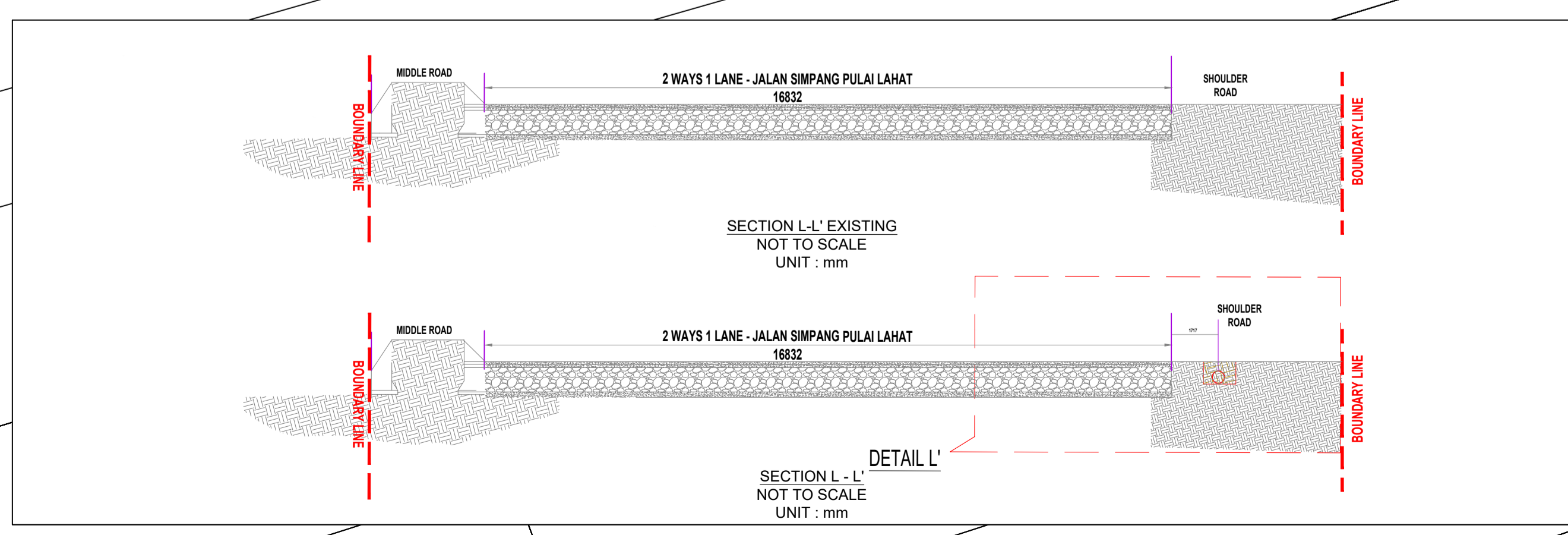
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CAD FILE No: ASSB24-0069-CP-020724.DWG



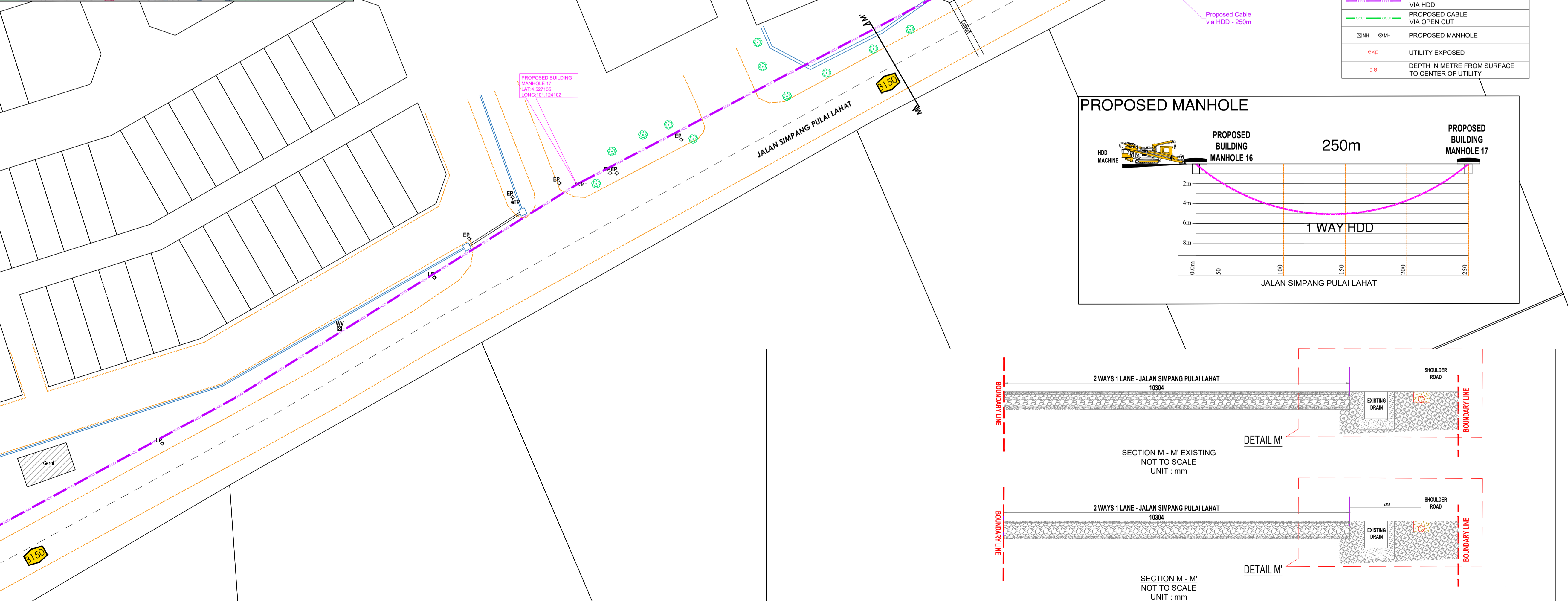
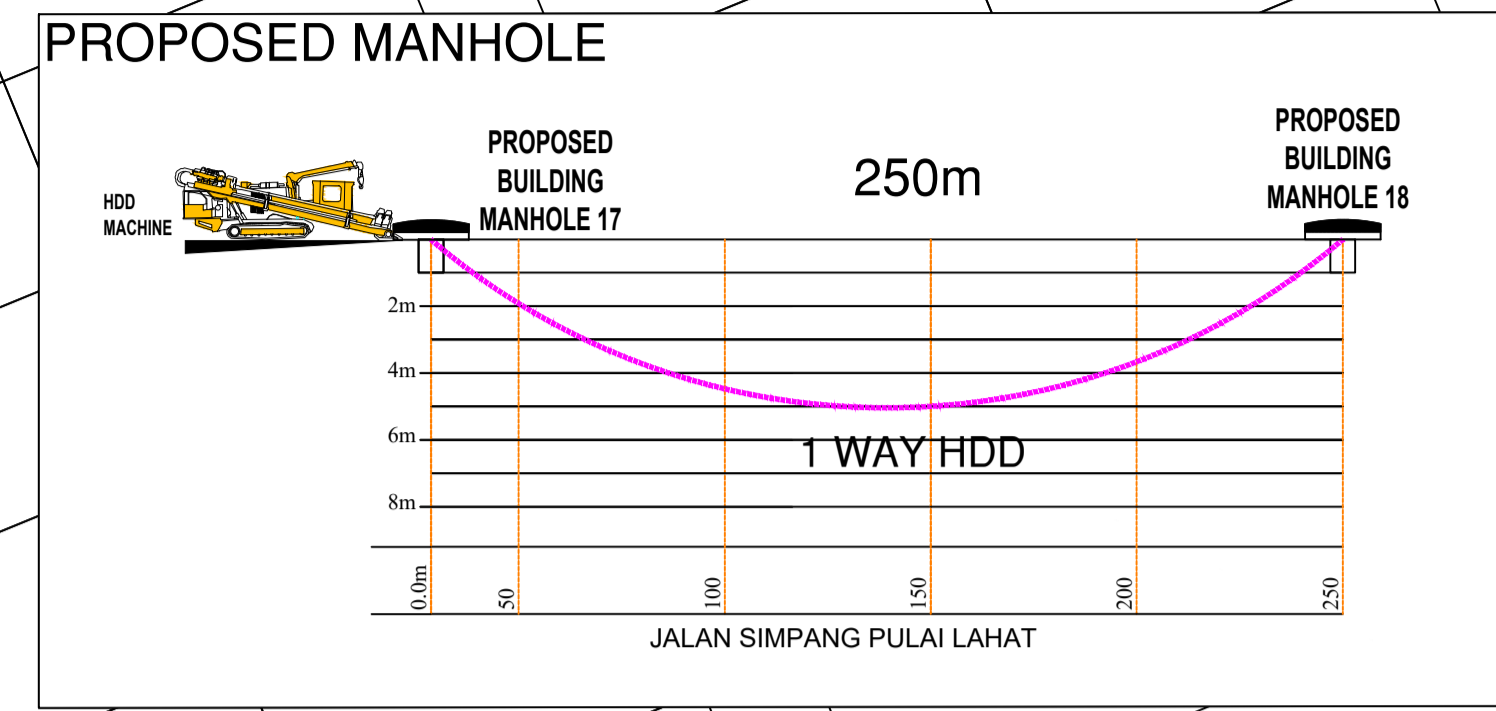
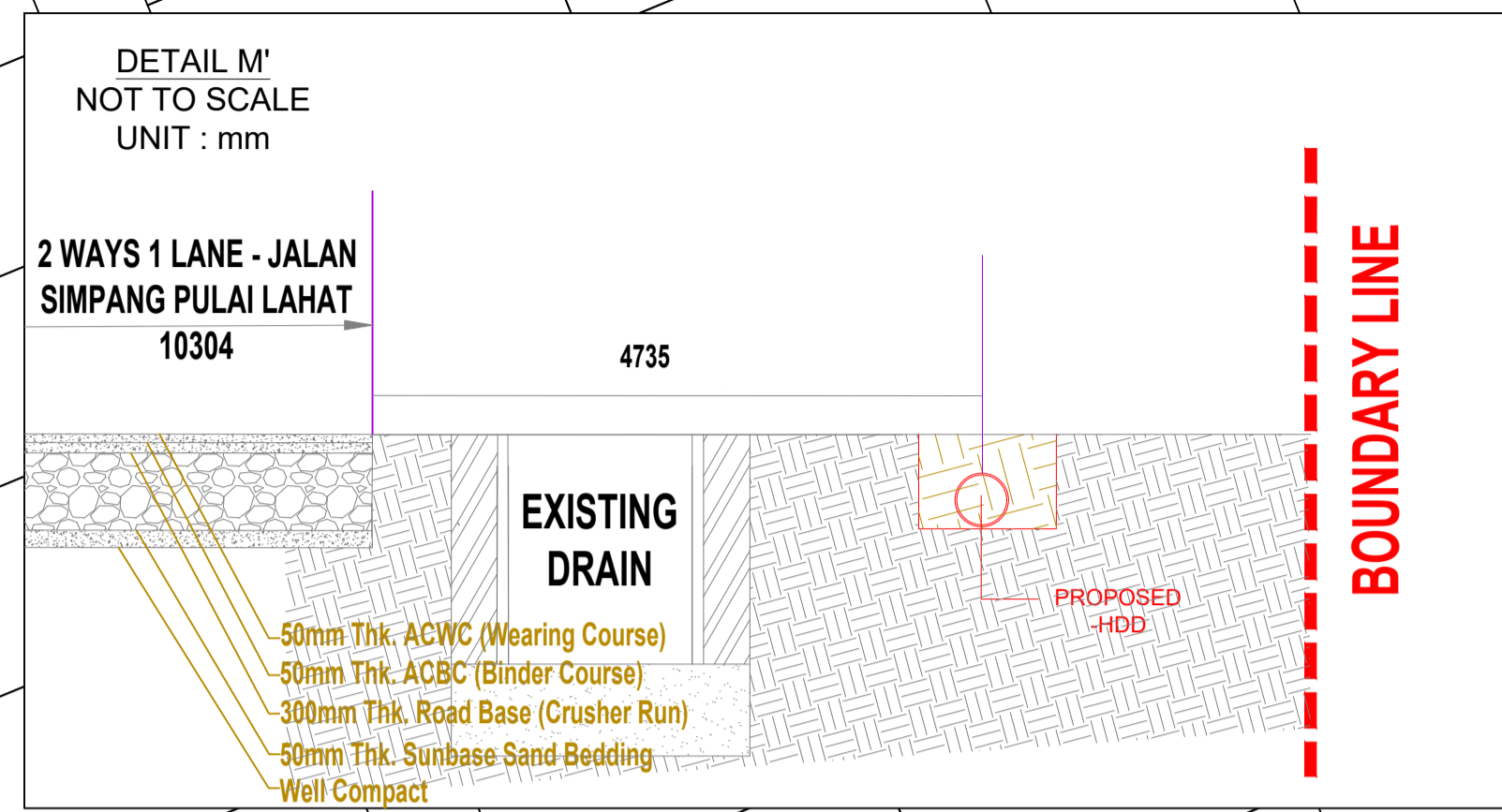
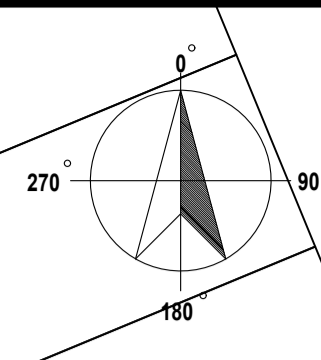
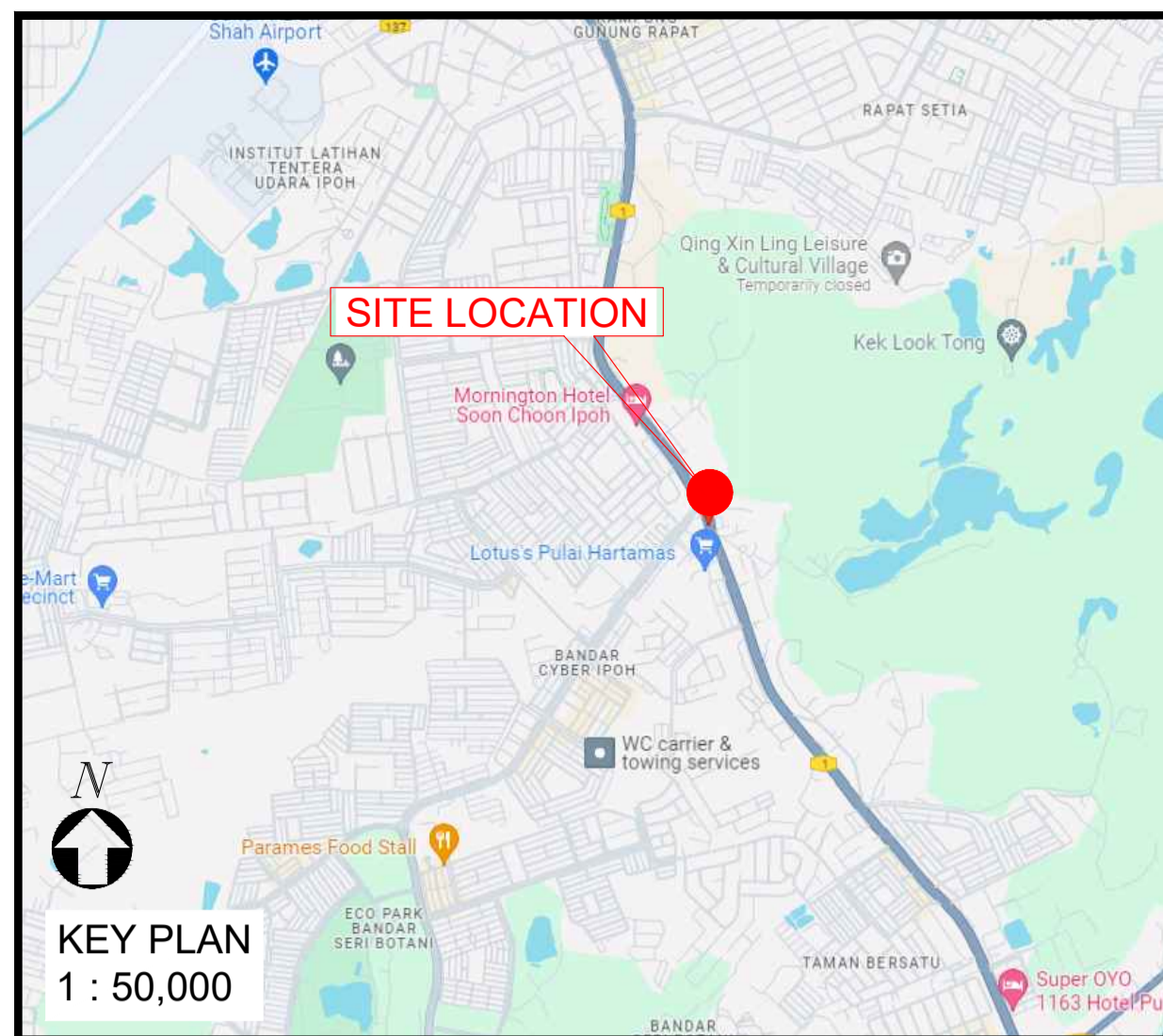
LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11KV POWER CABLE
	33KV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



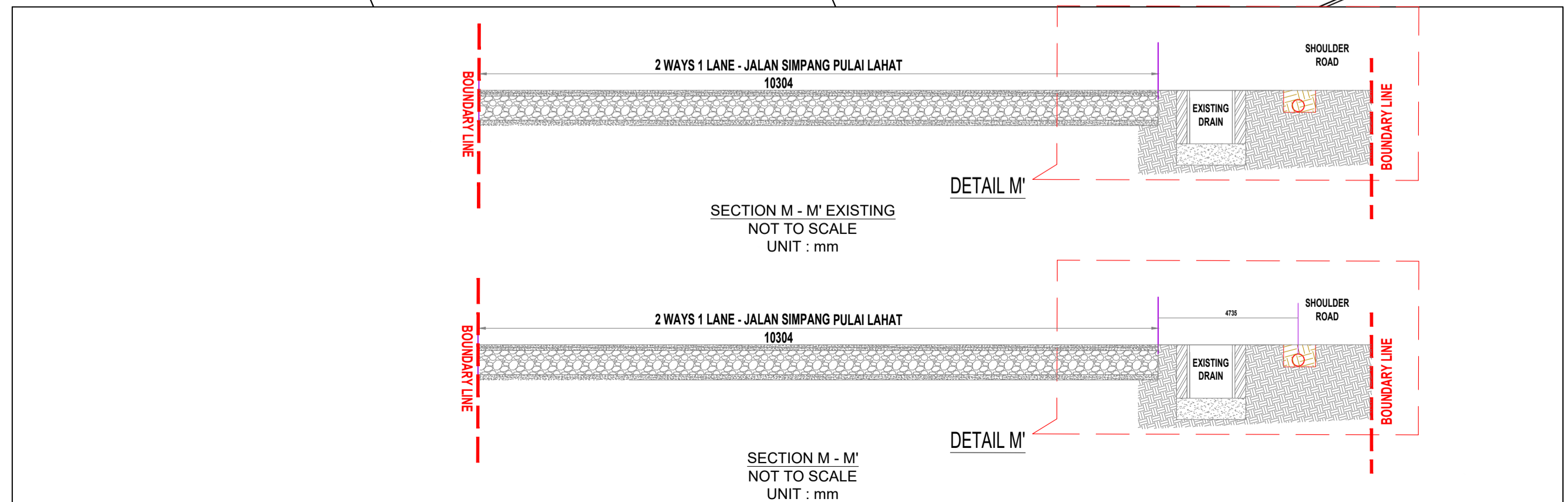
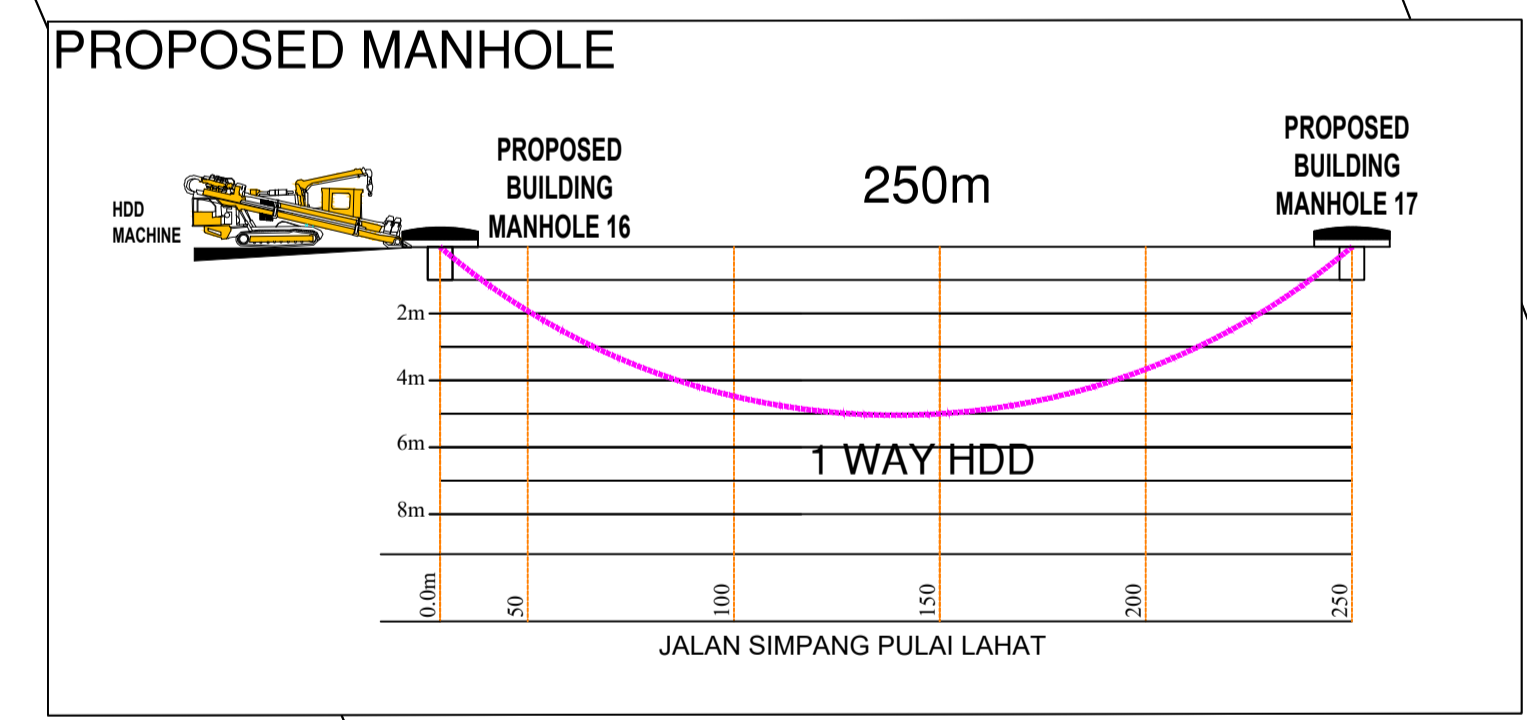
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LEGEND :

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	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



AUTHORITY:

PROJECT OWNER:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION

PROFESSIONAL ENGINEER:

MES CONSULT
I. MOHD FAUZI BIN SANI
NO. 01-2-200 & PERAKAN
PASAK BUMI TAMAN BUKIT JELUTONG,
40150 Selatang D.E.
017-9509495

NOTES :

- Instrumentation employed: Electromagnetic location system (EM); RD 8100 PDL Receiver/ Tx-10 transmitter.
- Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
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- It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation.
- All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT :

INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE :

CONSTRUCTION PLAN
(SHEET 13 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan,
Tel / Fax : 03-89508812
Hlp : 011-26276808
Email : astraseri@gmail.com
Website :

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1
CHECKED BY: DINISHWARAN

APPROVED BY:
PREPARED BY: HAFIZ

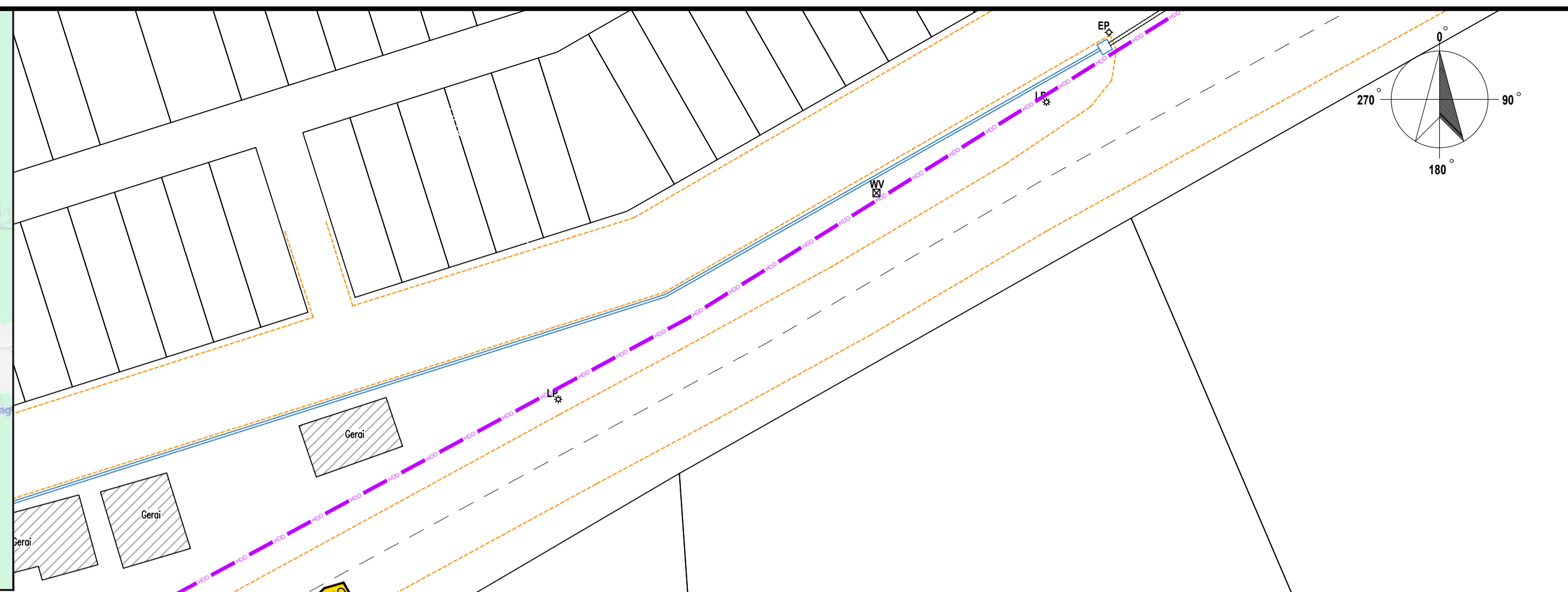
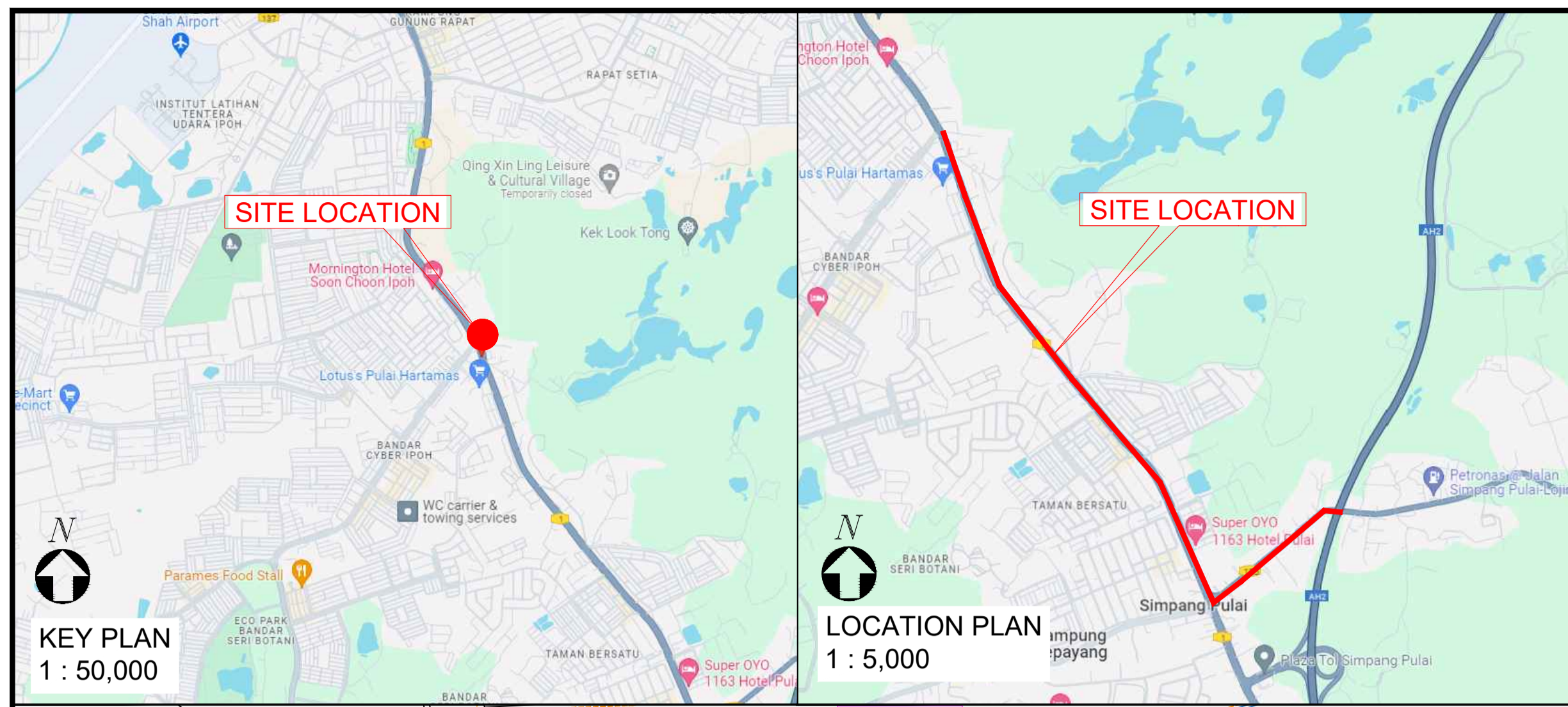
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UNITS: METER
DATE: JULY 2024

DRAWING / FILE No: ASSB/24/0069/UMAP/13
REVISION No.: 0

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"This document contains confidential information and proprietary intellectual property. It should not be shown to other parties without consent from us and from the party which commissioned it."



AUTHORITY:

PROJECT OWNER:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION

PROFESSIONAL ENGINEER:

MES CONSULT
Ic. MOHD FAUZI BIN SANI

NOTES:

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- It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation.
- All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT:

INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:

CONSTRUCTION PLAN
(SHEET 14 OF 02)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan.
Tel / Fax : 03-89500812
Hlp : 011-26278808
Email : astraseri@gmail.com
Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

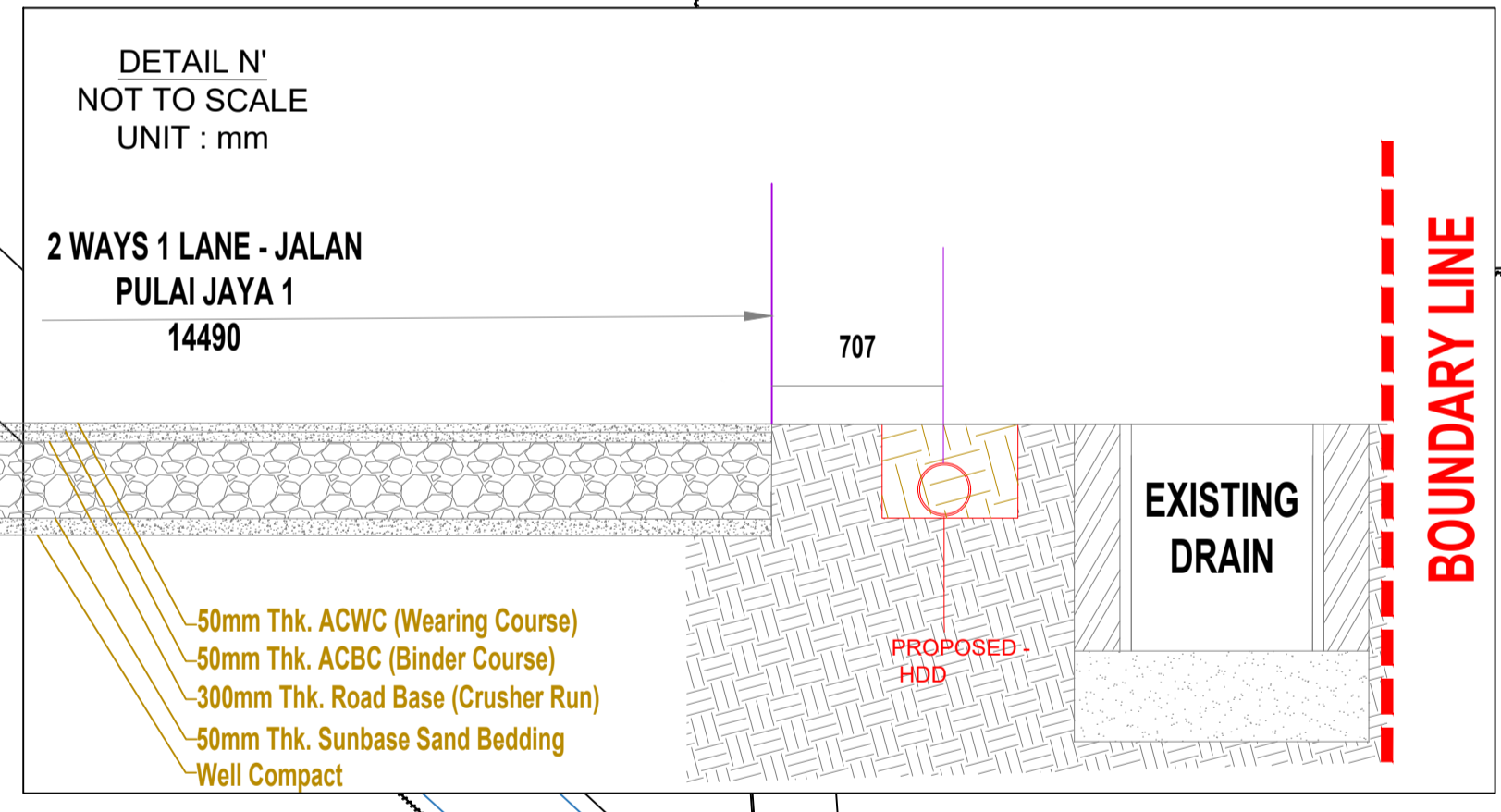
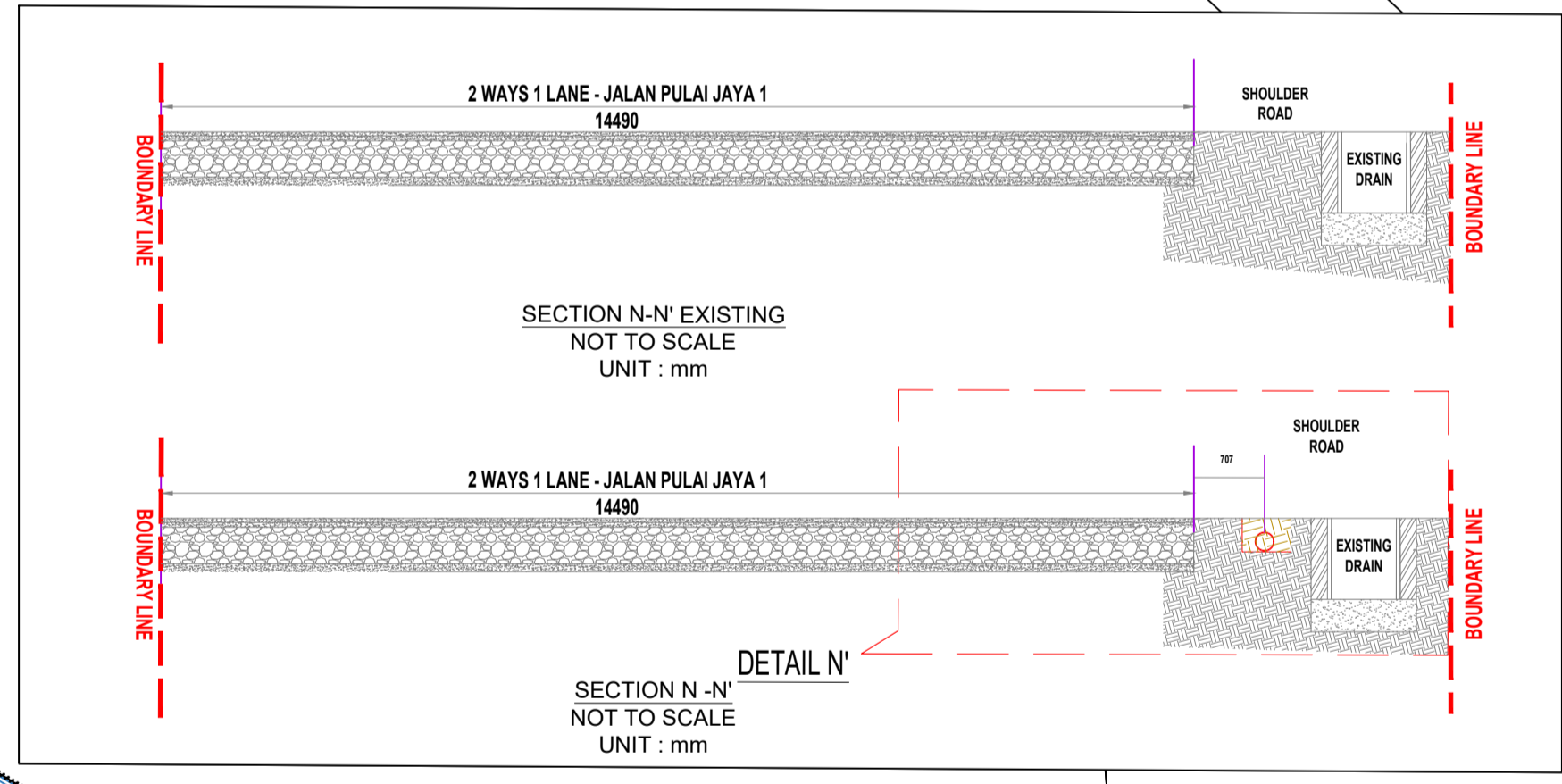
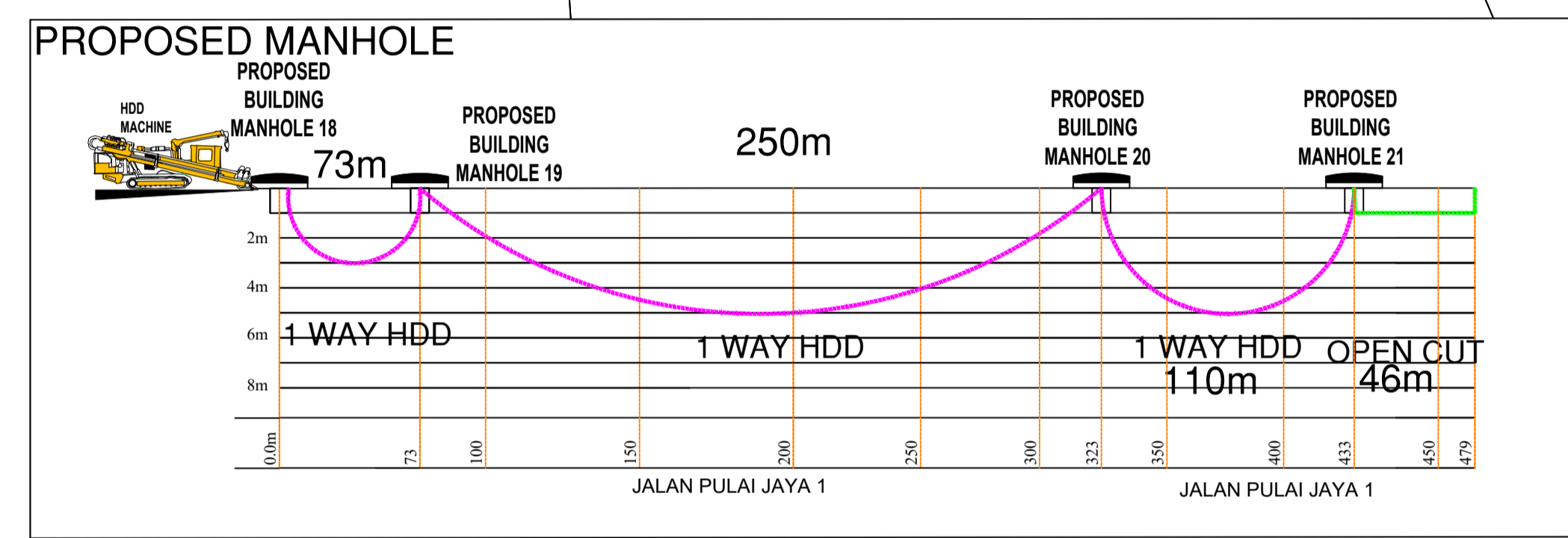
DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN

APPROVED BY: PREPARED BY: HAFIZ

SCALE: 1:500 UNITS: METER DATE: JULY 2024

DRAWING / FILE No: REVISION No: 0

CAD FILE No: ASSB24-0069-CP-020724.DWG

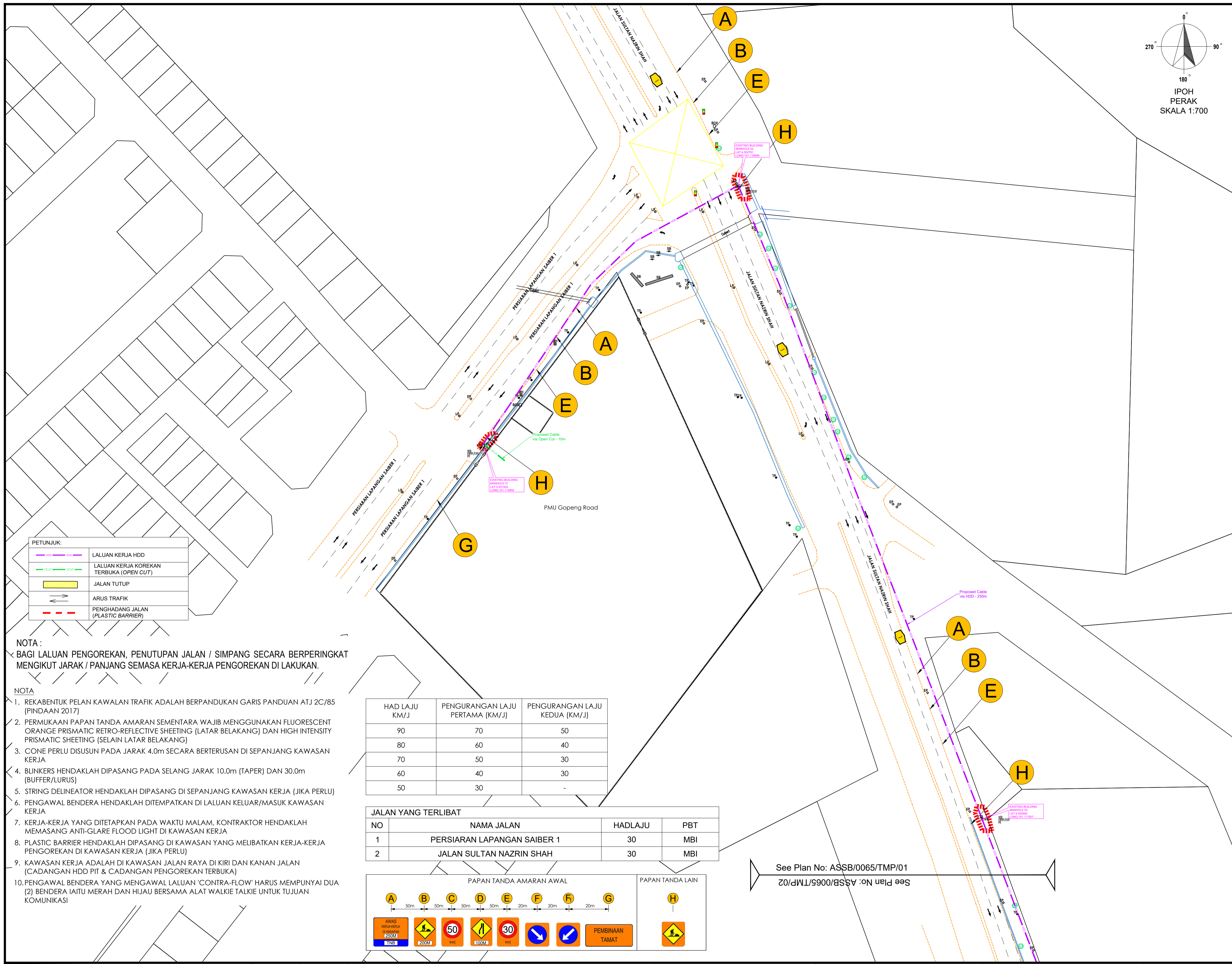


LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11KV POWER CABLE
	33KV POWER CABLE
	Water Pipeline
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

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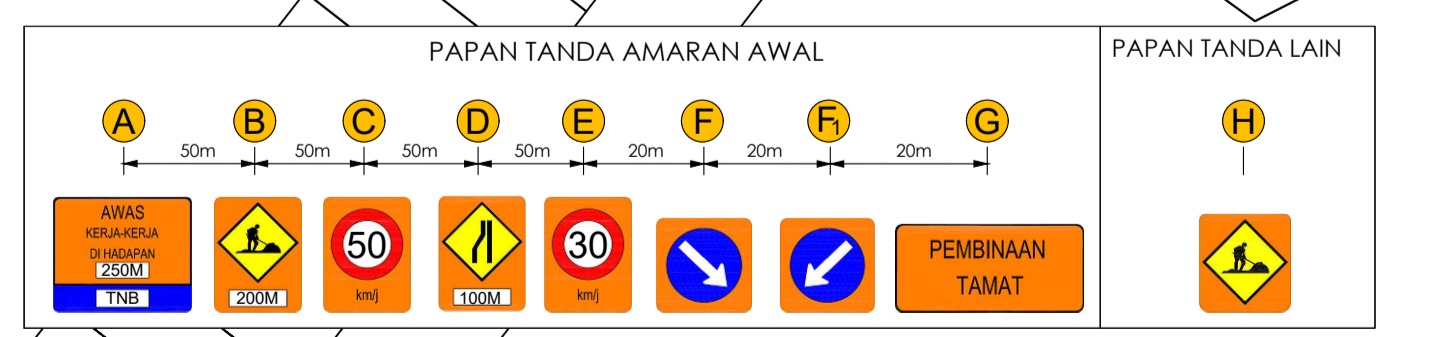


NOTA :
 BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA**
1. REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 2. PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 3. CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 4. BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 5. STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 6. PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 7. KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 8. PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 9. KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 10. PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA (IAITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI)

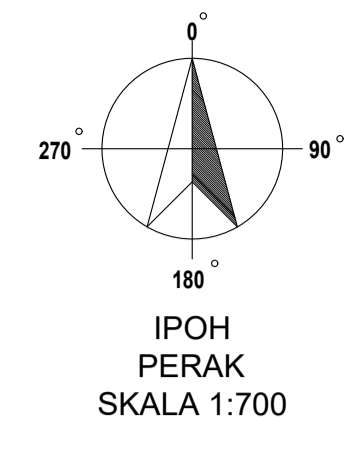
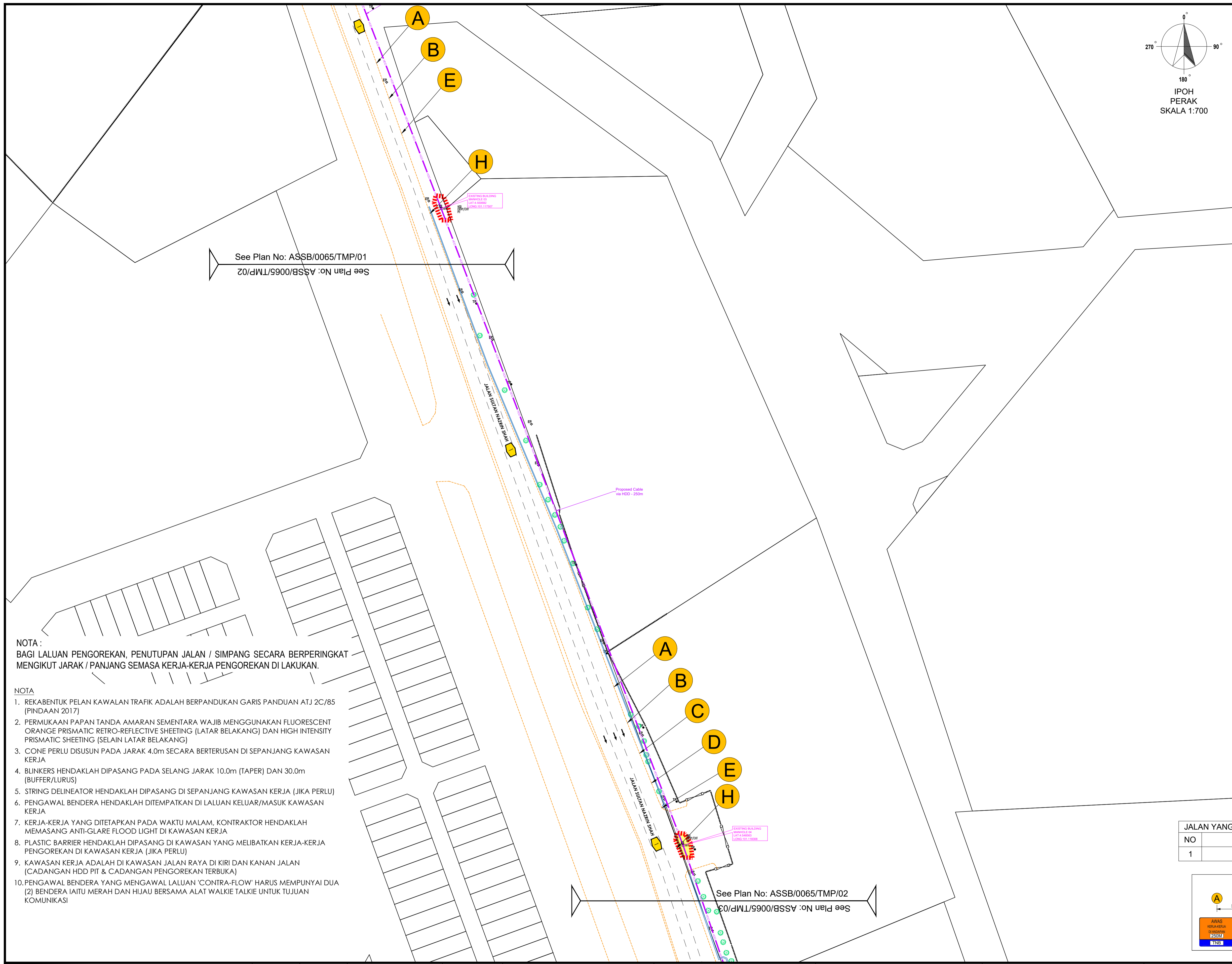
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT			
NO	NAMA JALAN	HADLAJU	PBT
1	PERSEKUTUAN LAPANGAN SAIBER 1	30	MBI
2	JALAN SULTAN NAZRIN SHAH	30	MBI



See Plan No: ASSB/0065/TMP/01
 See Plan No: ASSB/0065/TMP/02

KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax: 03-8920812 Hlp: 011-26276808 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA TARIKH: JULY 2024 PINDAAN: 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/01



See Plan No: ASSB/0065/TMP/01
See Plan No: ASSB/0065/TMP/02

See Plan No: ASSB/0065/TMP/02
See Plan No: ASSB/0065/TMP/03

NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 - CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 - BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 - STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
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 - KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 - PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA (AITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI)

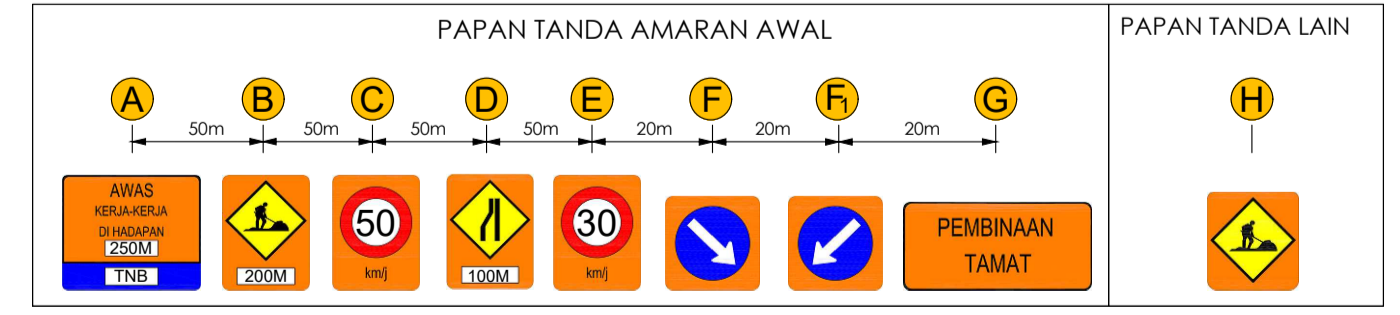
PETUNJUK

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

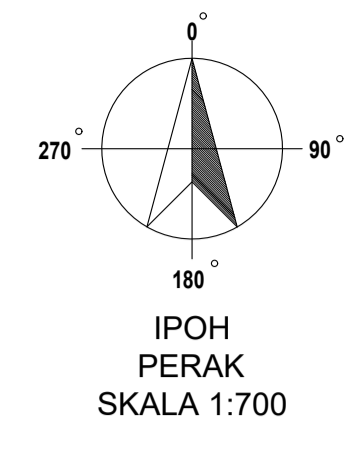
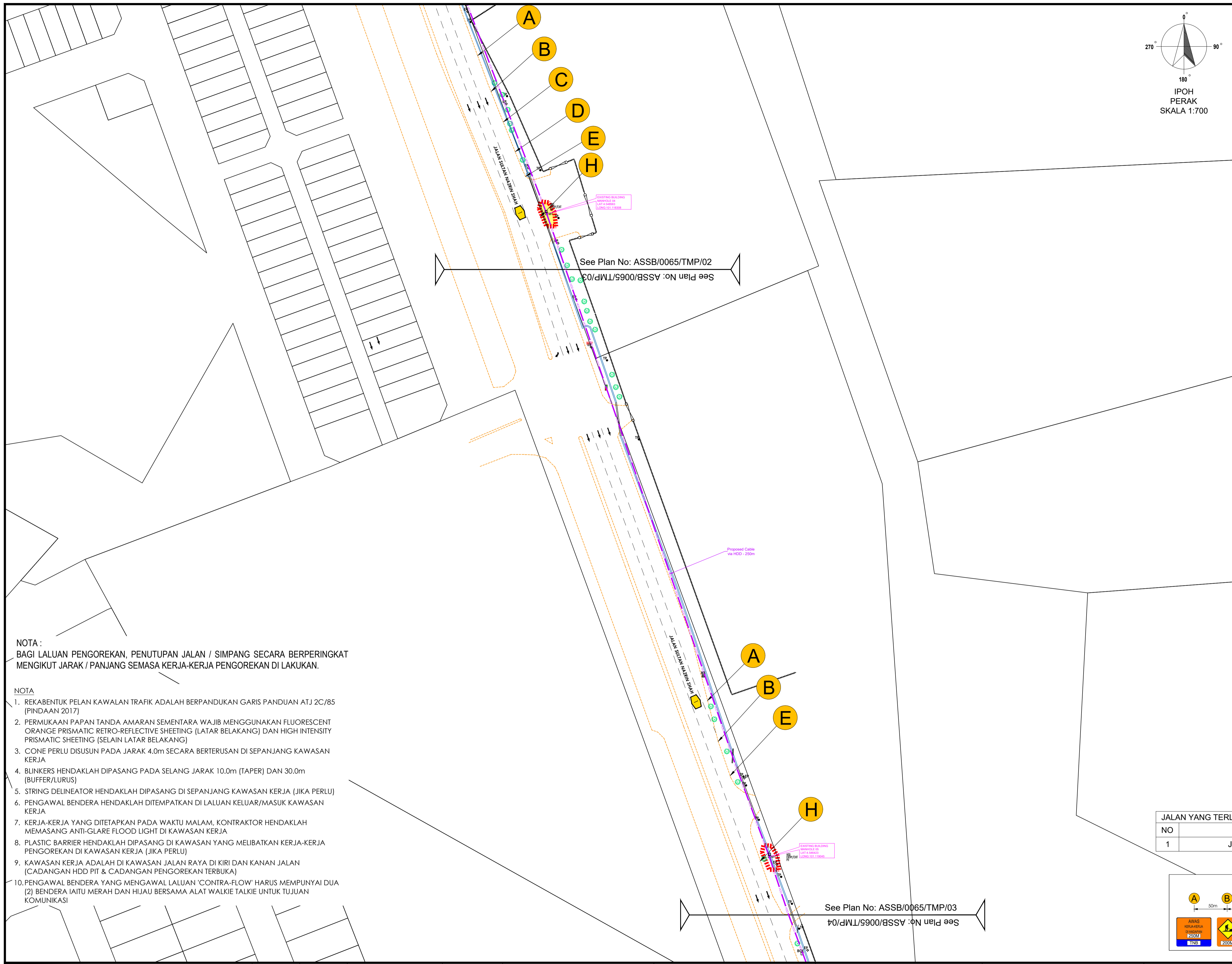
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax: 03-8920812 Hp: 011-25276808 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA TARIKH: JULY 2024 PINDAAN: 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/02



NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

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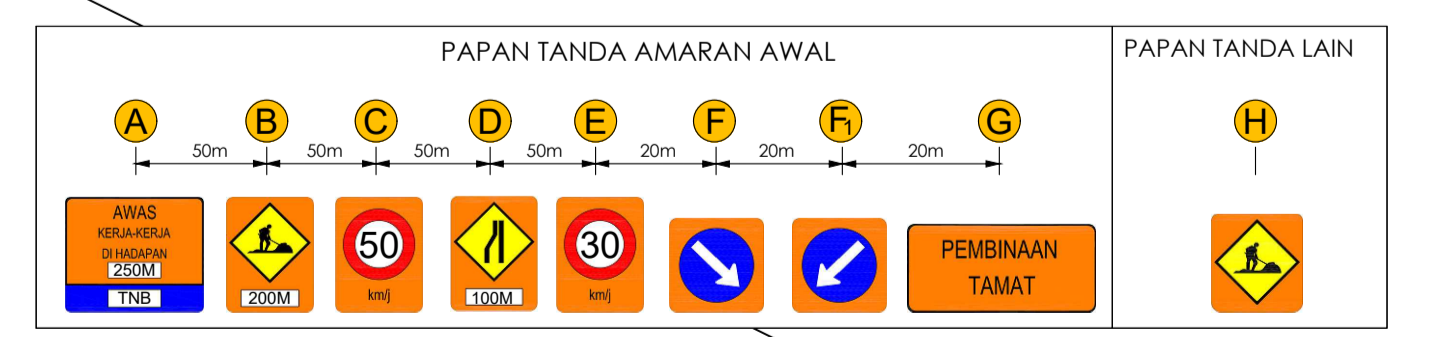
PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

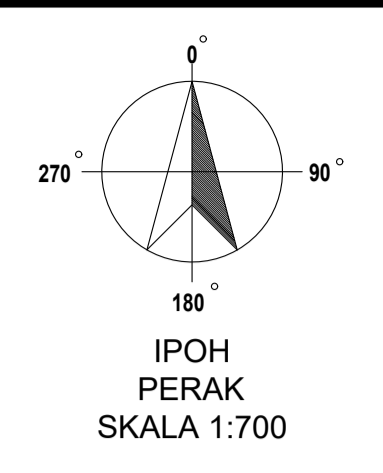
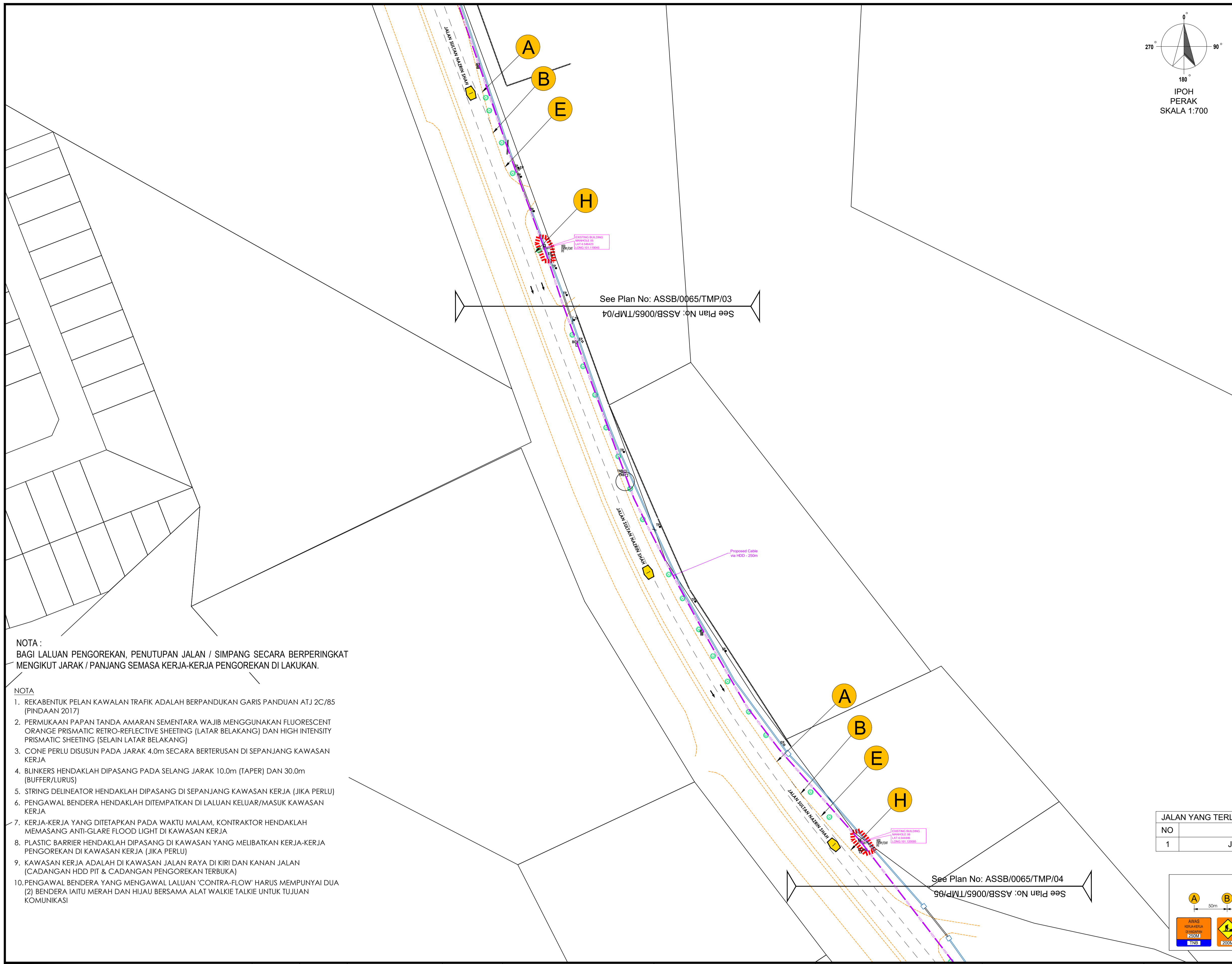
JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI



See Plan No: ASSB/0065/TMP/03
See Plan No: ASSB/0065/TMP/04

KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax : 03-8920812 Hp : 011-26276808 Email : astraseri@gmail.com Website:				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPONG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/03



NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA**
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 - CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 - BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 - STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 - PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 - KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 - PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 - KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 - PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA (IAITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI)

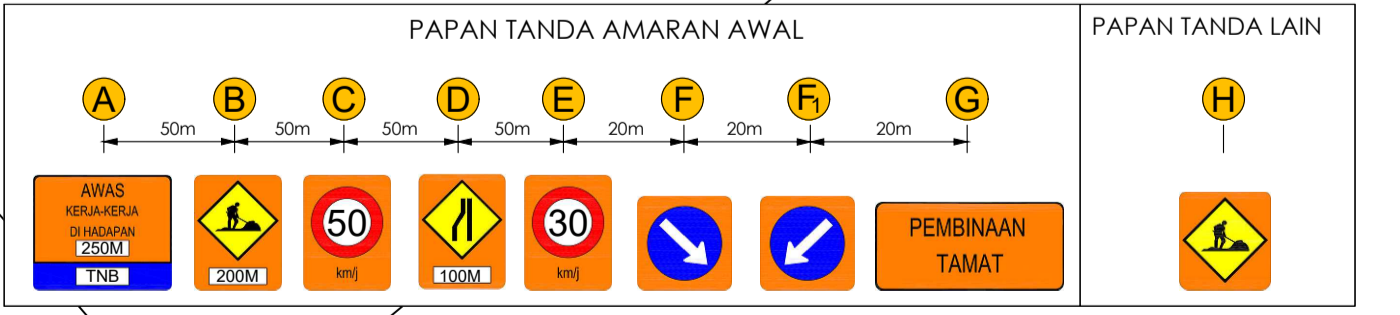
PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

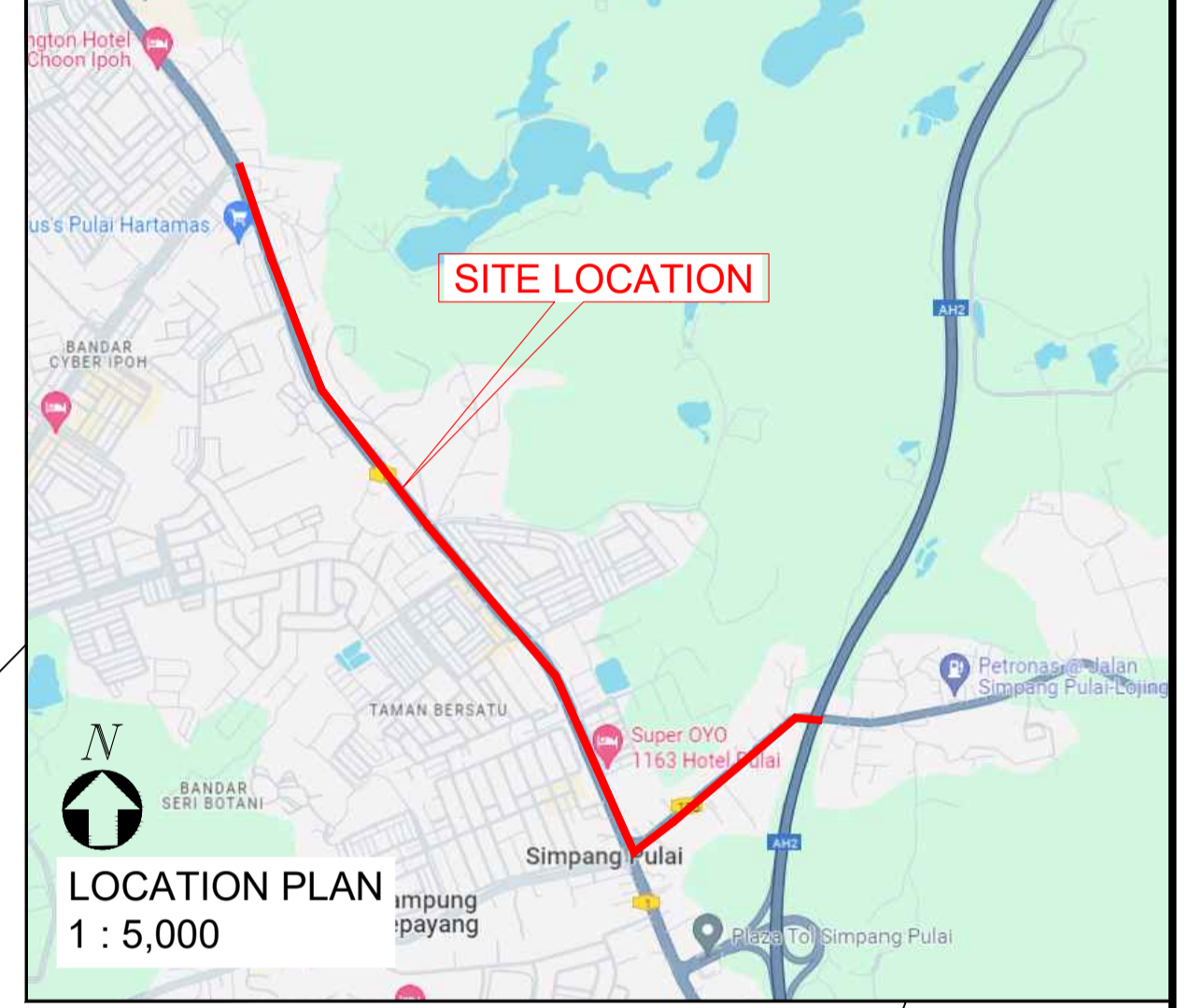
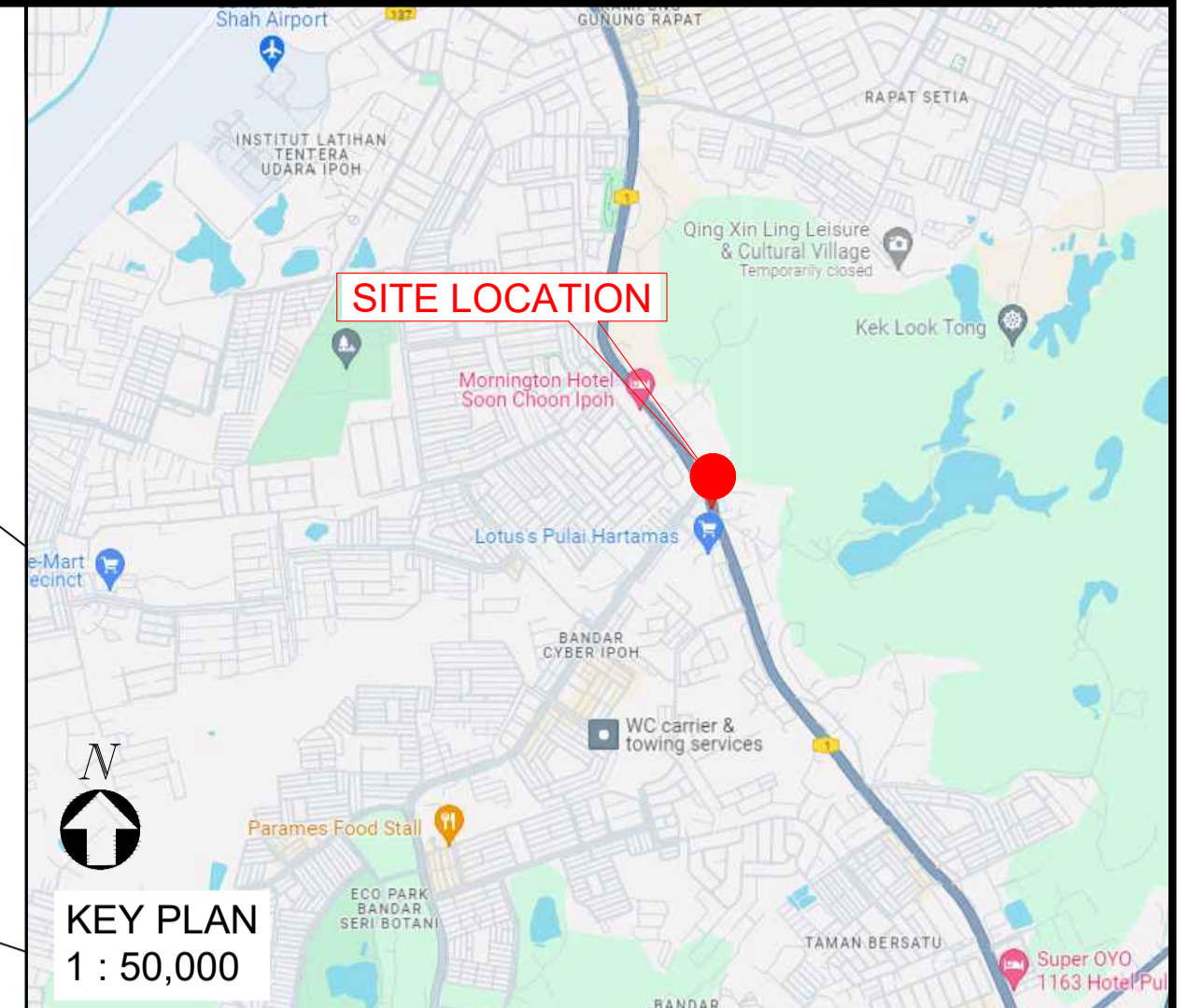
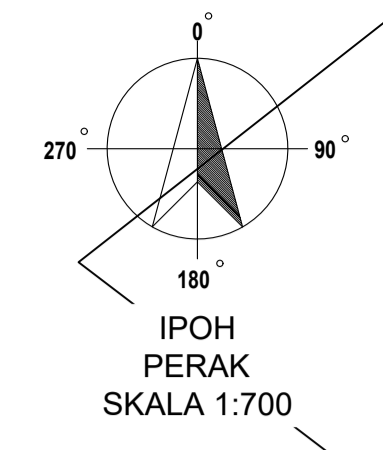
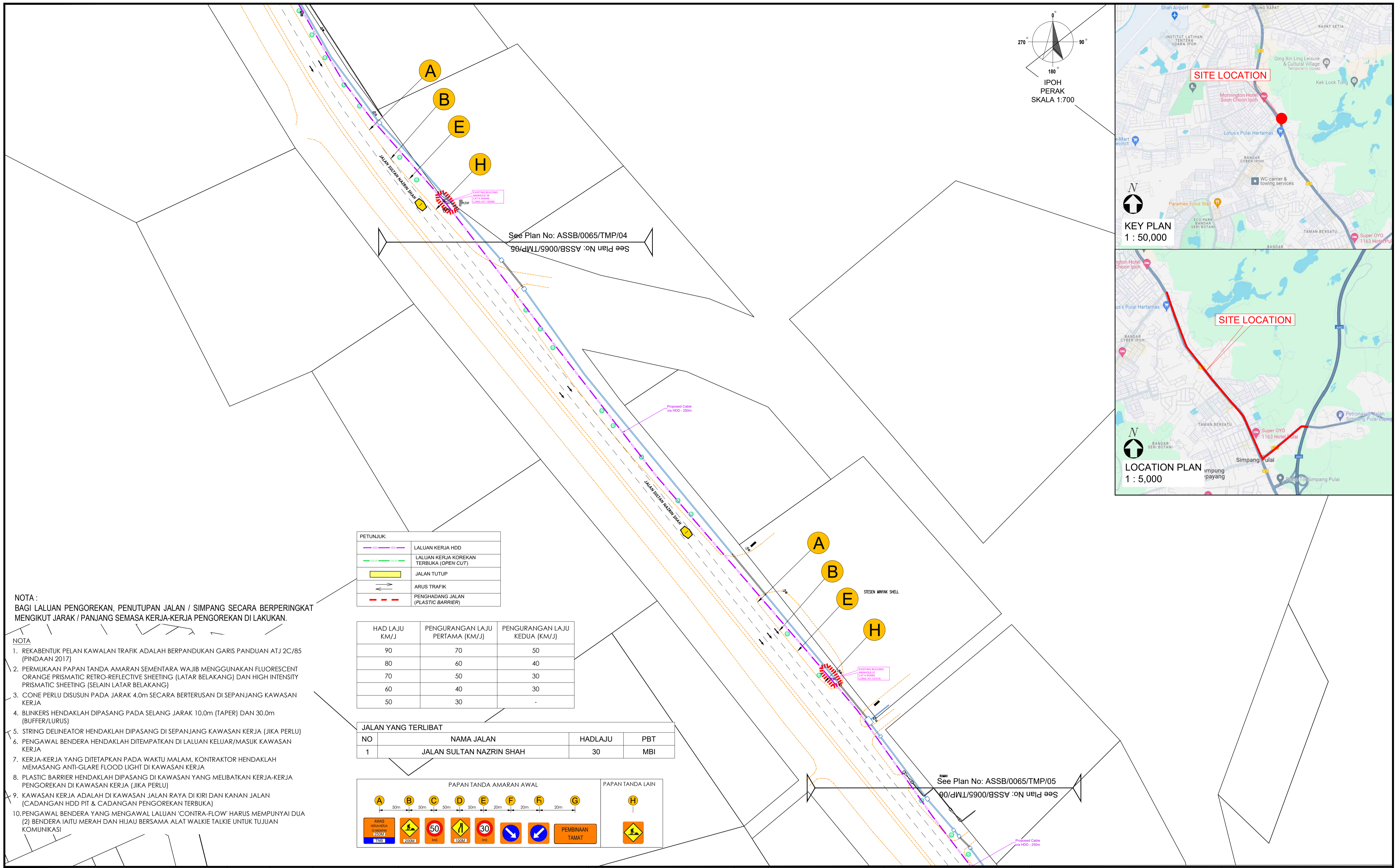
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax: 03-8920812 Hp: 011-26276808 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA TARIKH: JULY 2024 PINDAAN: 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/04



NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA**
1. REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 2. PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 3. CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 4. BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 5. STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 6. PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 7. KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 8. PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 9. KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 10. PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA IAITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI

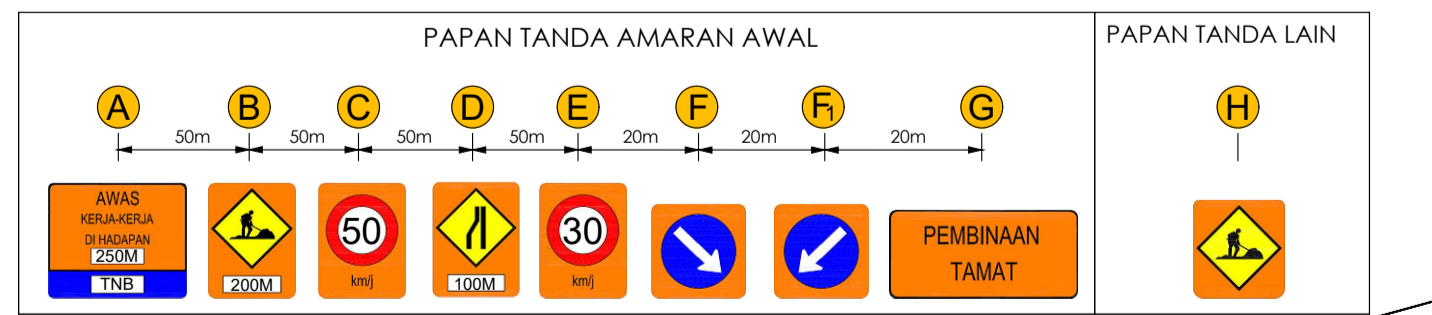
PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

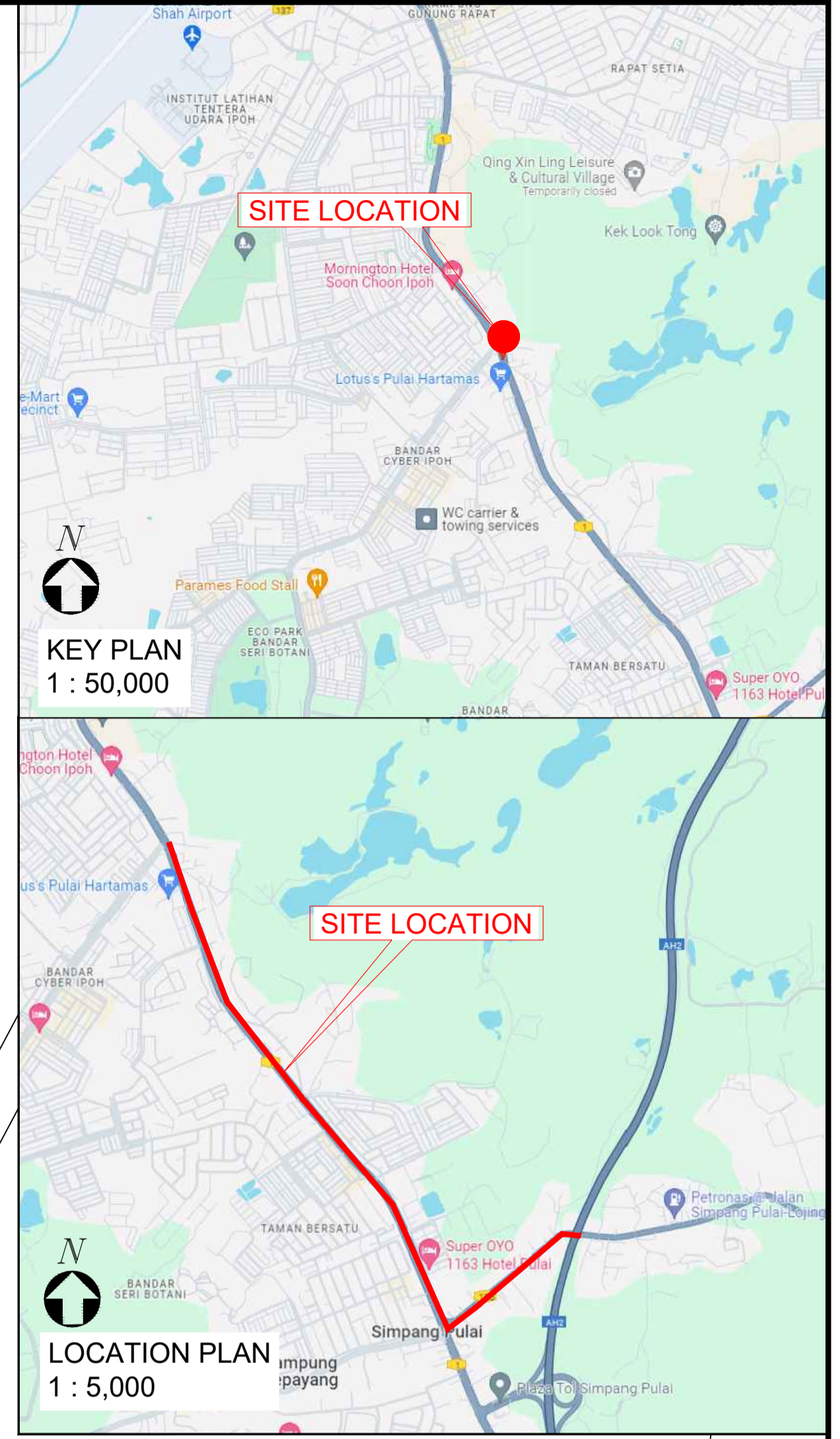
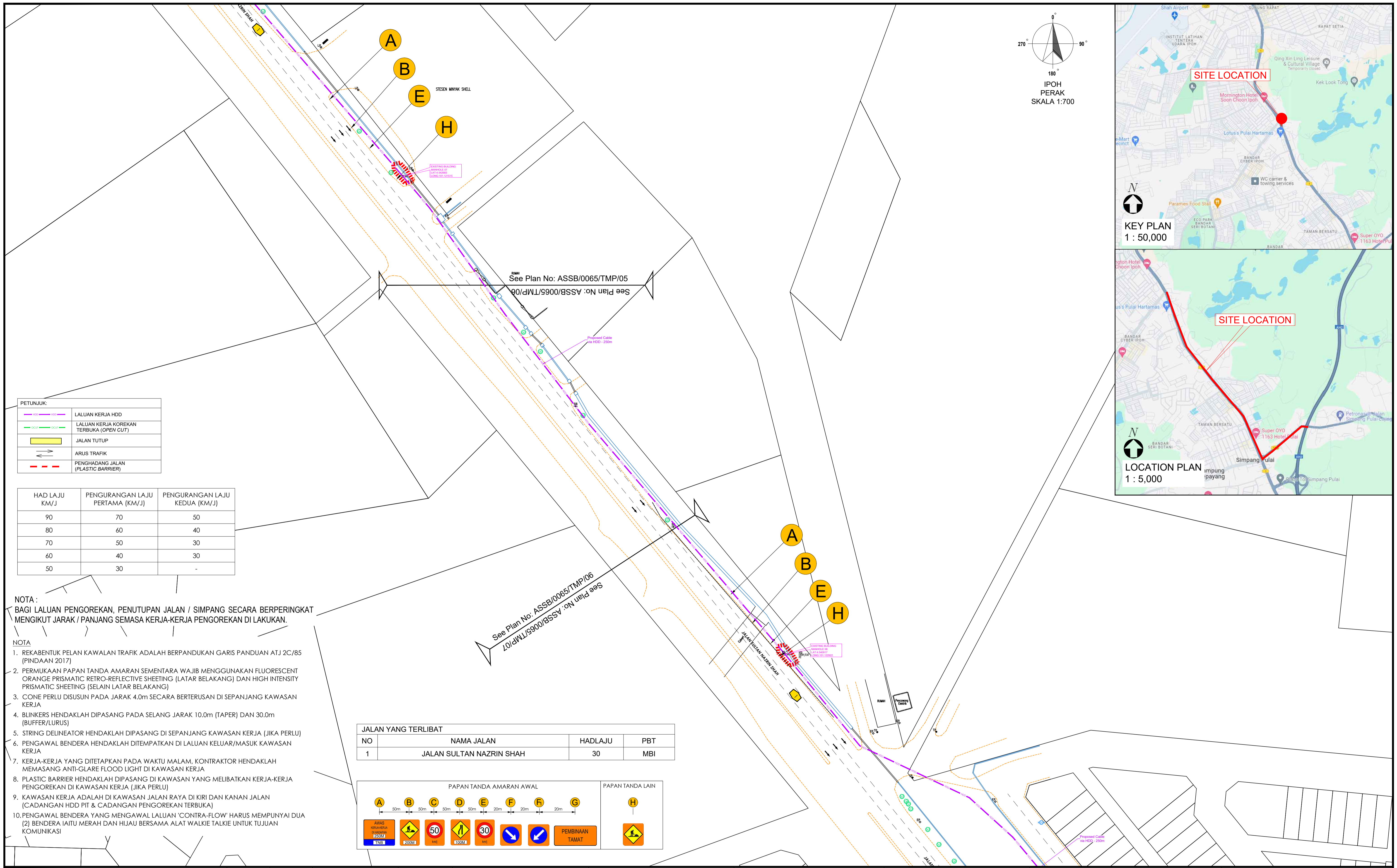
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax : 03-8920812 Hp : 011-26276608 Email : astraseri@gmail.com Website :				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/05



PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

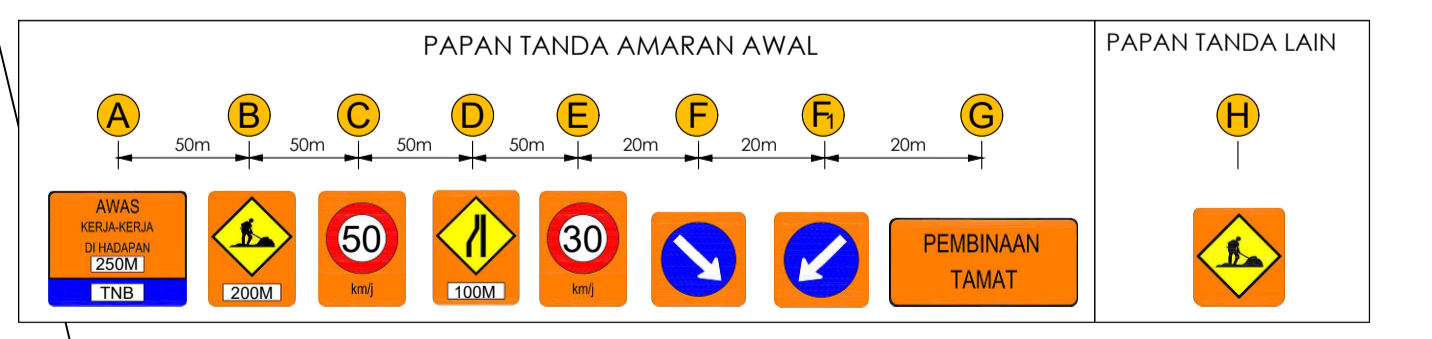
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

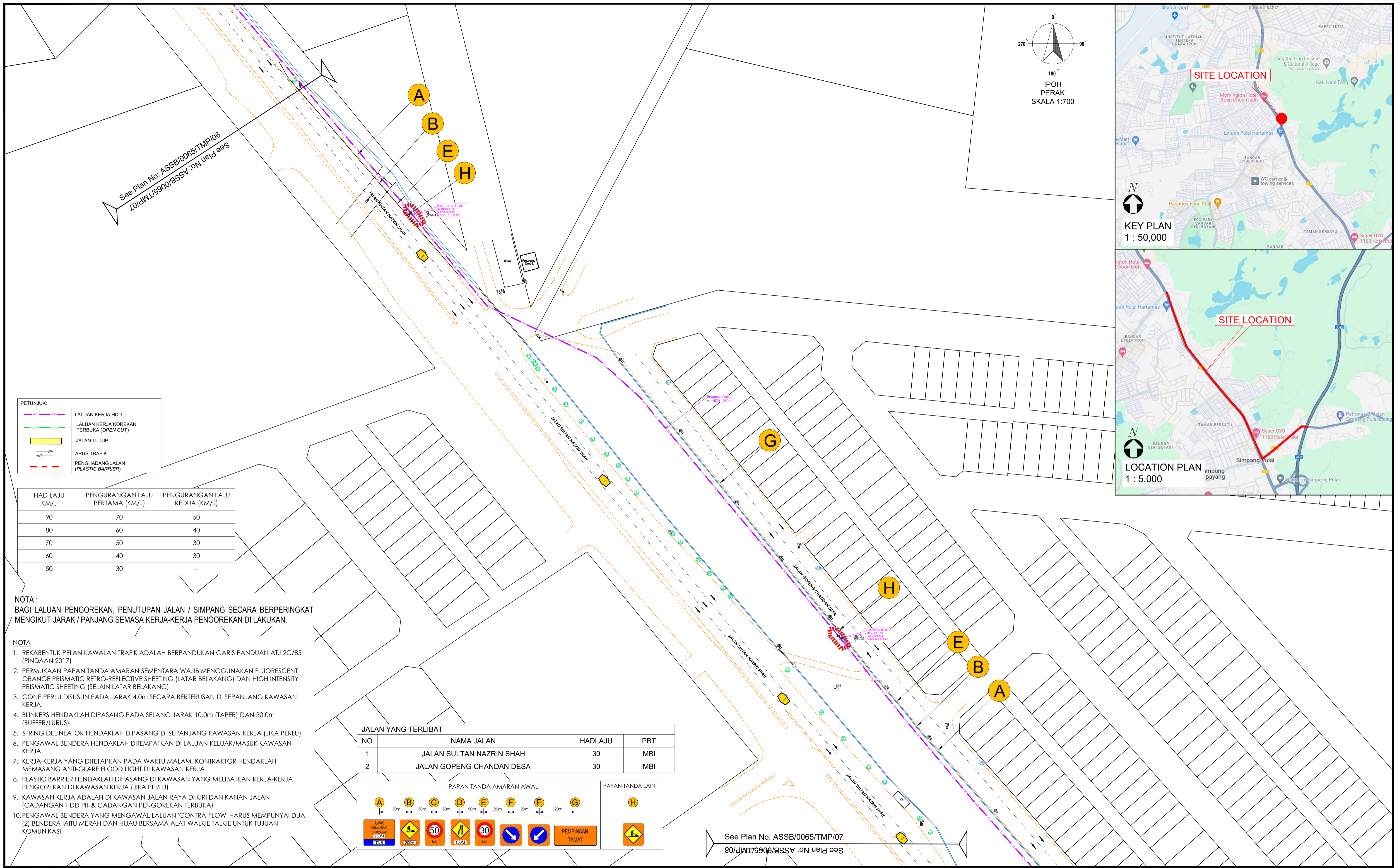
- NOTA**
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 - CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 - BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 - STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 - PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 - KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 - PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 - KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 - PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA (AITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI)

JALAN YANG TERLIBAT

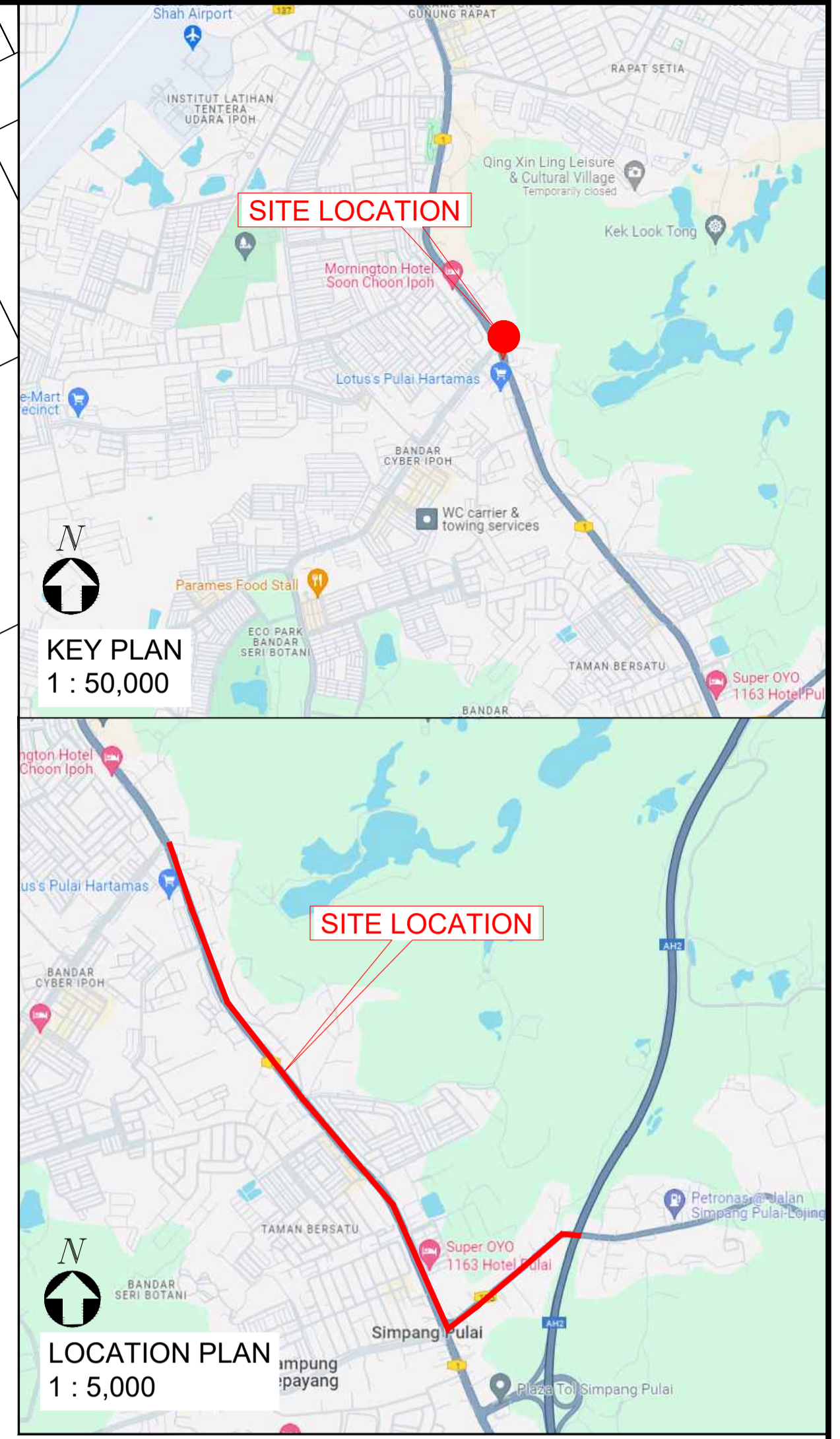
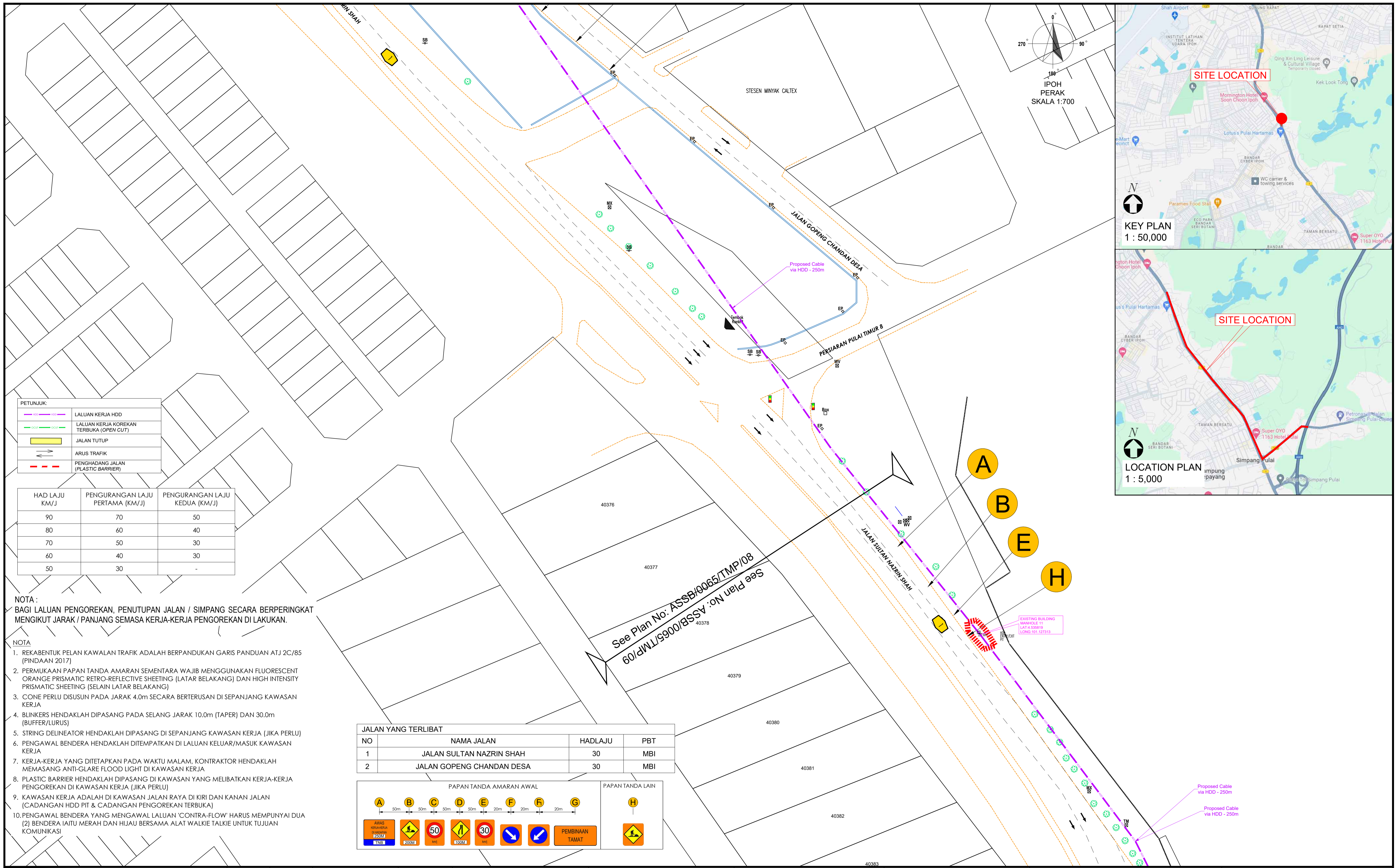
NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax: 03-8920812 Hp: 011-26276808 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA TARIKH: JULY 2024 PINDAAN: 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/06



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax: 03-89080812 Hp: 011-26276808 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA TARIKH: JULY 2024 PINDAAN: 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/07



PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

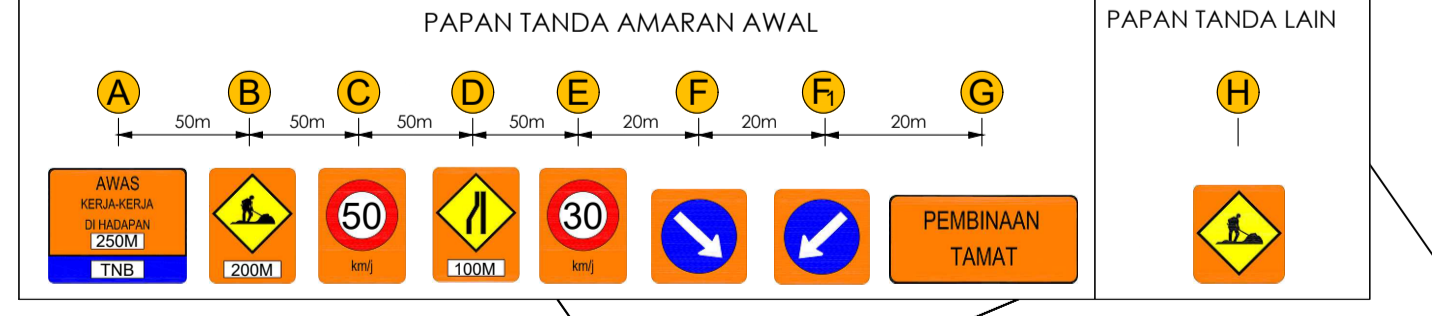
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

NOTA :
 BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA**
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 - CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 - BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
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 - PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 - KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 - PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 - KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 - PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA IAITU MERAH DAN HIAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI

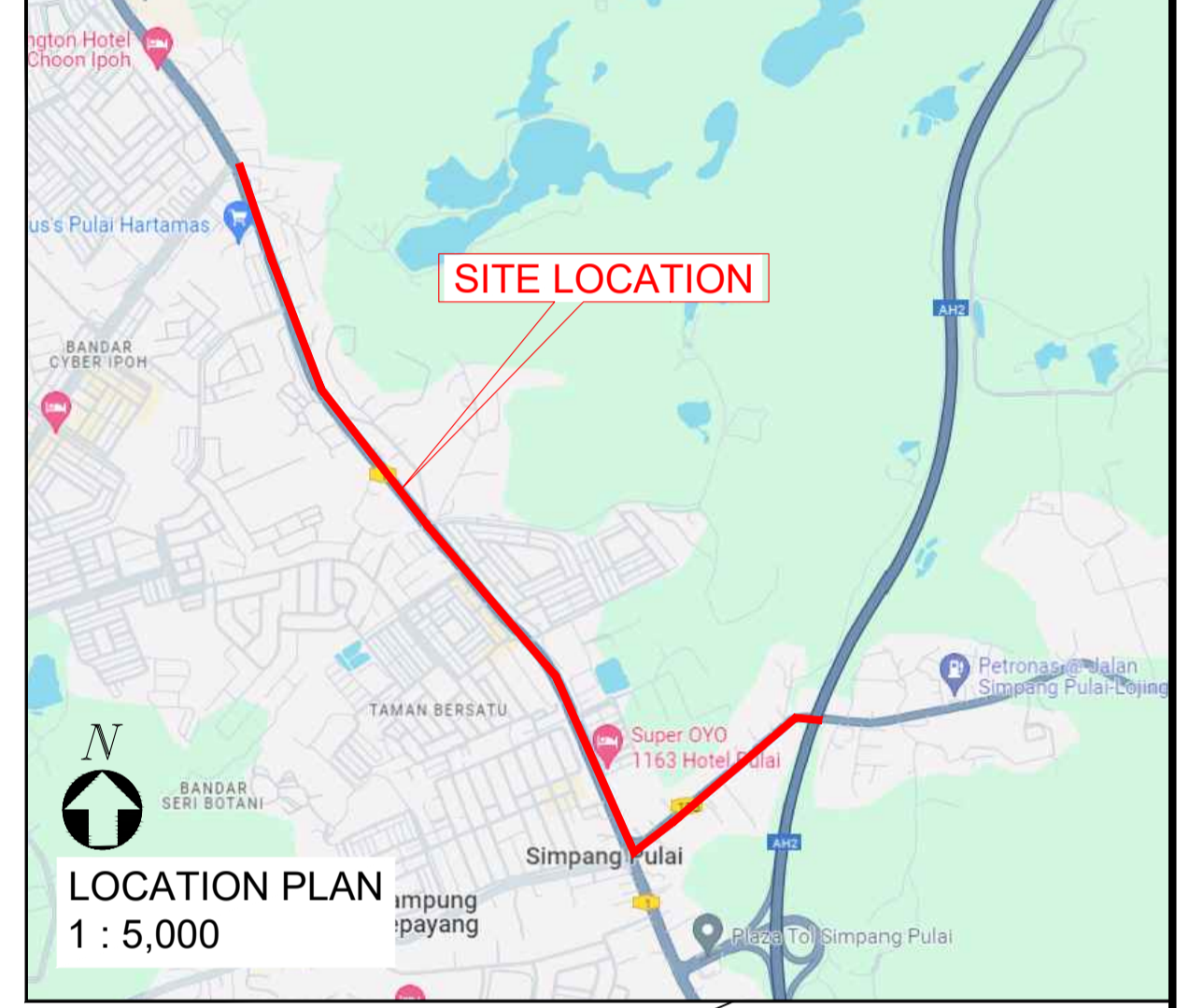
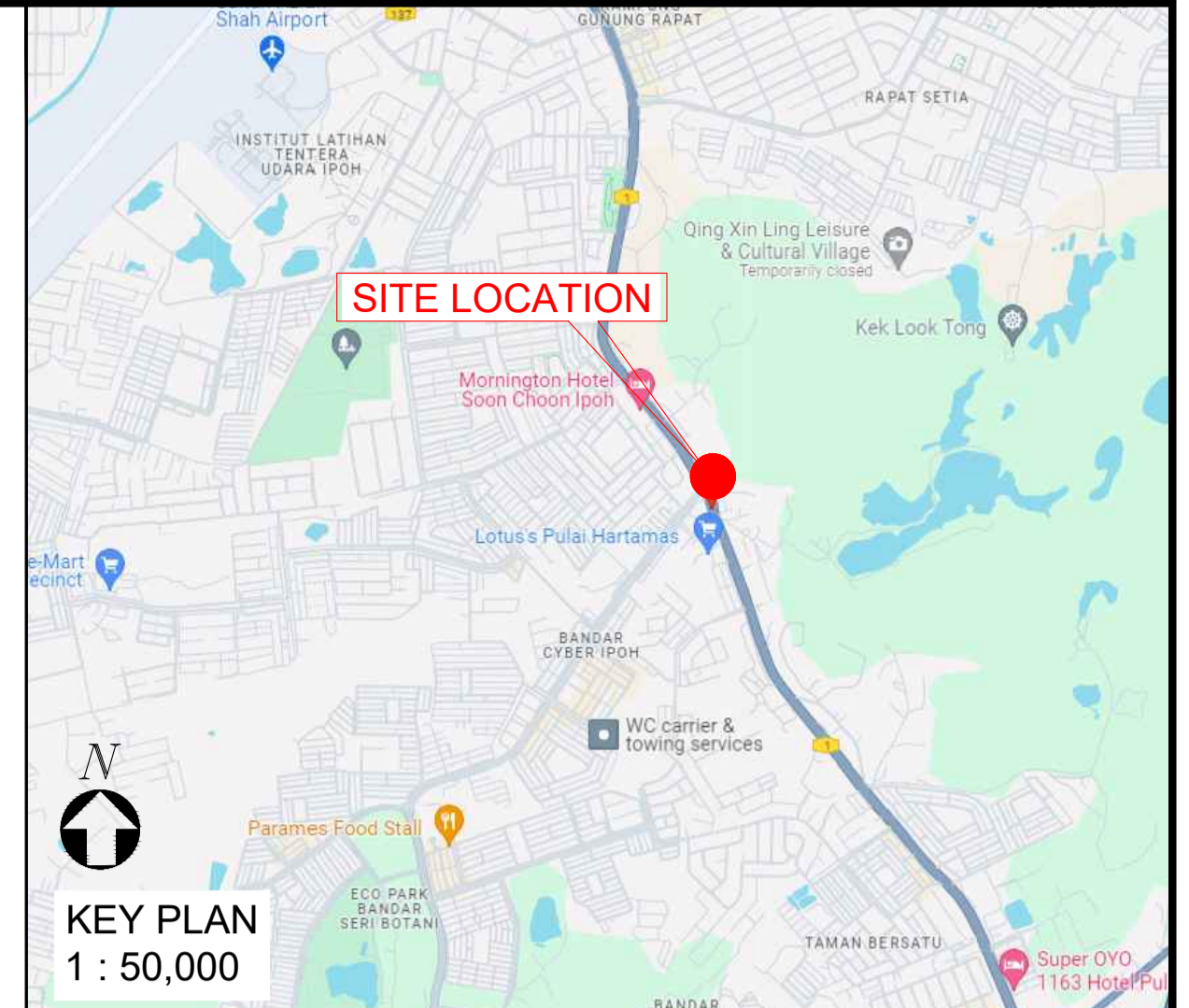
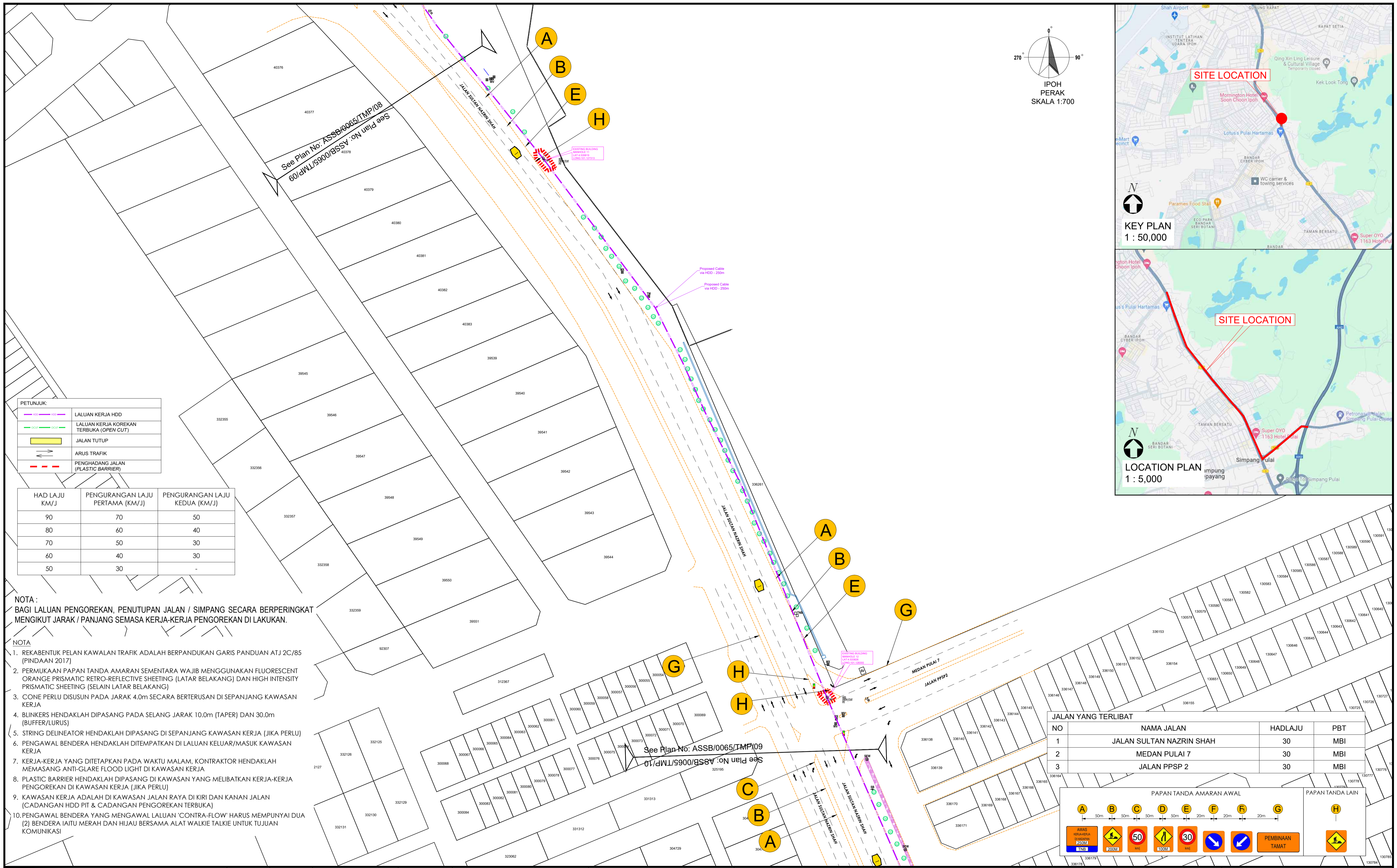
JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI
2	JALAN GOPENG CHANDAN DESA	30	MBI



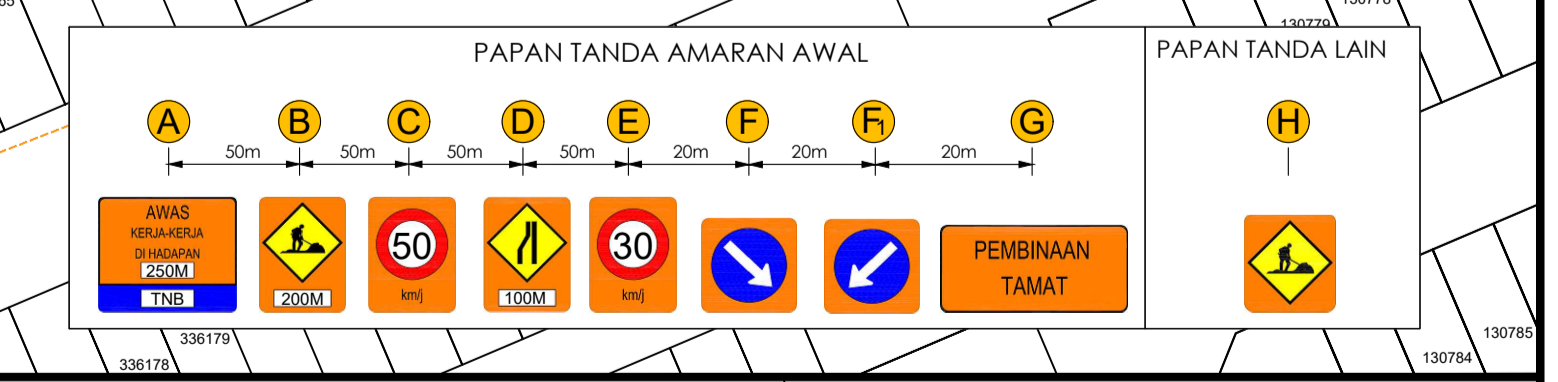
See Plan No. ASSB/0065/TMP/08
 60/DWT/0900/SSA

KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax: 03-89080812 Hg: 011-26276608 Email: astraseri@gmail.com Website:				DIREKA OLEH: ASM DILUKIS OLEH: HAFIZ DISEMAK OLEH: AA					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP)
				TARIKH: JULY 2024 PINDAAN: 0						NO PELAN ASSB24/0069/TMP/08

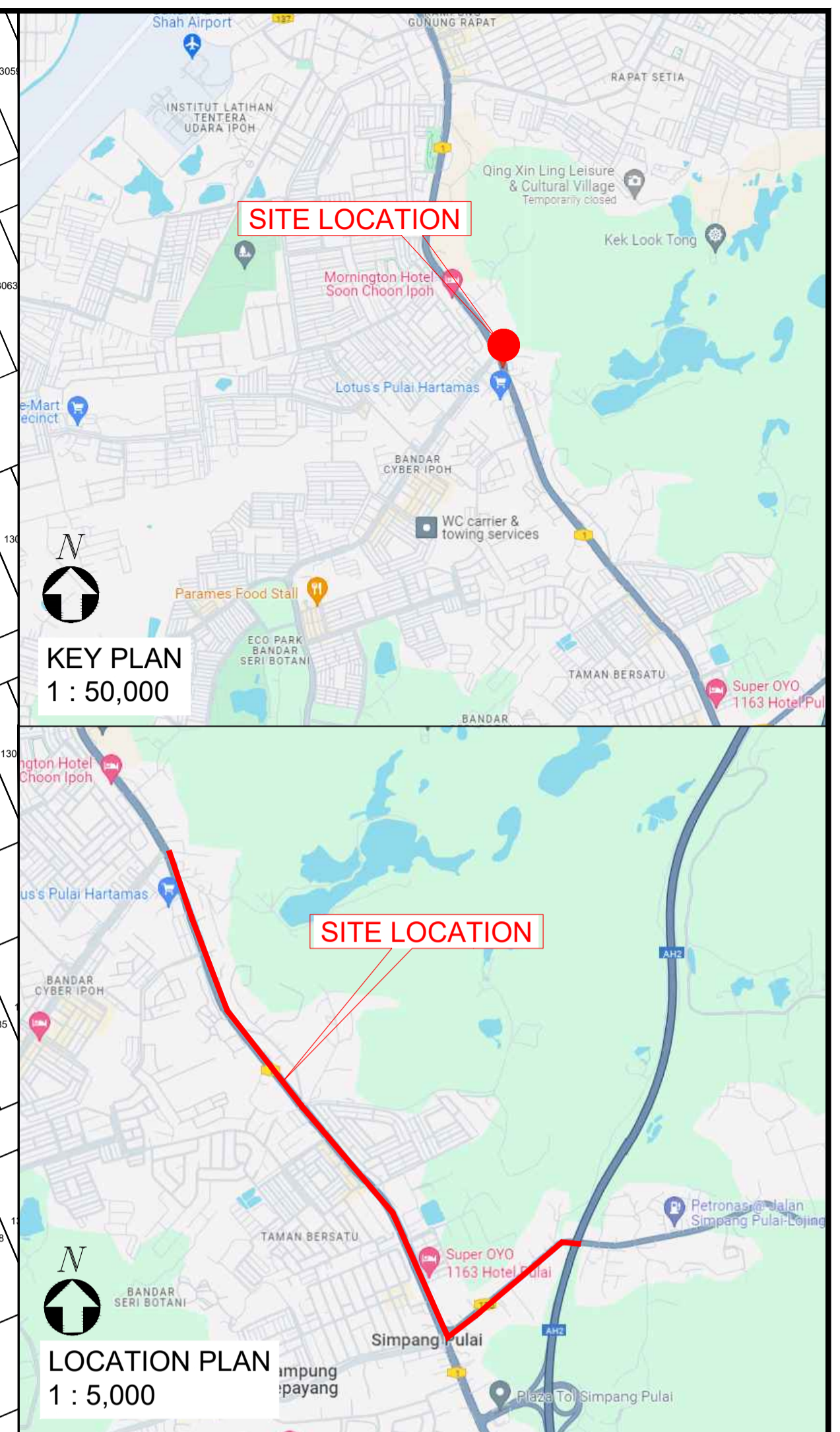
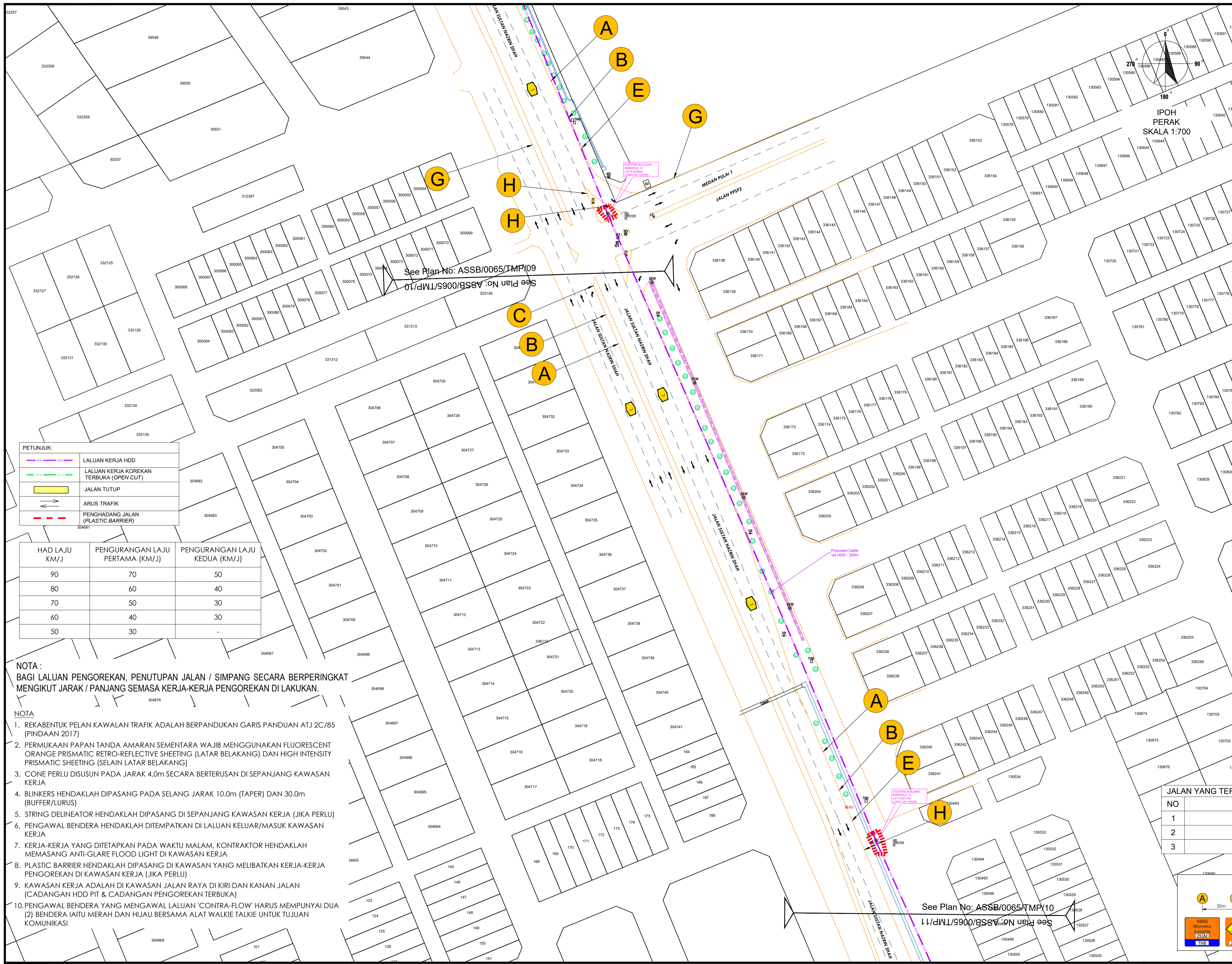


JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI
2	MEDAN PULAI 7	30	MBI
3	JALAN PPSP 2	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA : 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax : 03-8920812 Hp : 011-26276808 Email : astraseri@gmail.com Website :				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/09



PETUNJUK:

- LALUAN KERJA HDD
- LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
- JALAN TUTUP
- ARUS TRAFIK
- PENGHADANG JALAN (PLASTIC BARRIER)

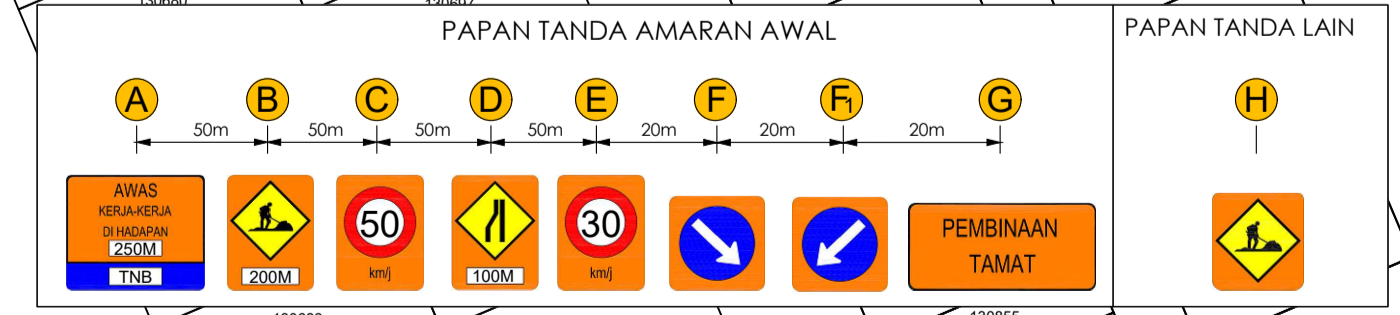
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

NOTA :
 BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

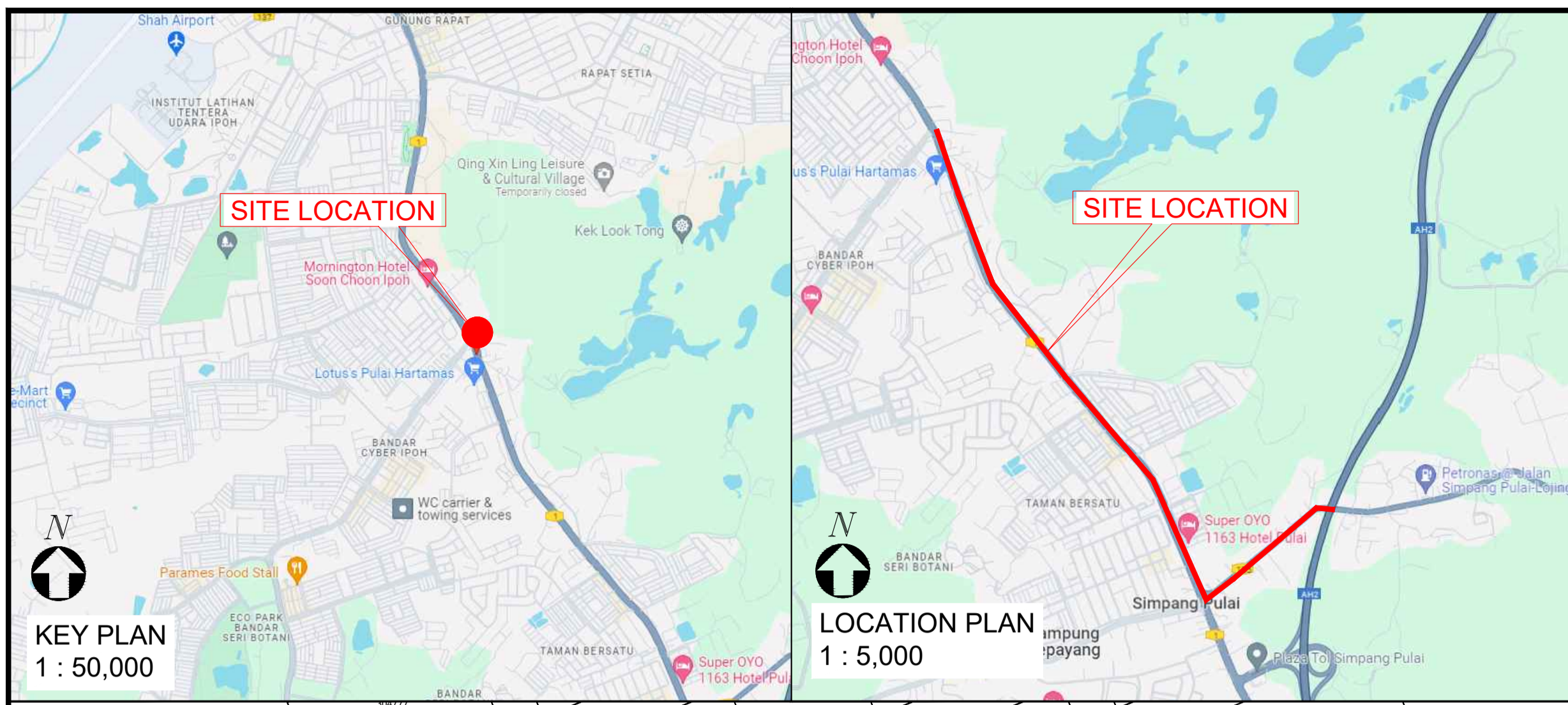
- NOTA**
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 - CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 - BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 - STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 - PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 - KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 - PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 - KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 - PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA IAITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI
2	MEDAN PULAI 7	30	MBI
3	JALAN PPSP 2	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan Tel / Fax : 03-89080812 Hp : 011-26276808 Email : astraseri@gmail.com Website :				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/10



NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA
1. REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 2. PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
 3. CONE PERLU DISUSUN PADA JARAK 4.0m SECARA BERTERUSAN DI SEPANJANG KAWASAN KERJA
 4. BLINKERS HENDAKLAH DIPASANG PADA SELANG JARAK 10.0m (TAPER) DAN 30.0m (BUFFER/LURUS)
 5. STRING DELINEATOR HENDAKLAH DIPASANG DI SEPANJANG KAWASAN KERJA (JIKA PERLU)
 6. PENGAWAL BENDERA HENDAKLAH DITEMPATKAN DI LALUAN KELUAR/MASUK KAWASAN KERJA
 7. KERJA-KERJA YANG DITETAPKAN PADA WAKTU MALAM, KONTRAKTOR HENDAKLAH MEMASANG ANTI-GLARE FLOOD LIGHT DI KAWASAN KERJA
 8. PLASTIC BARRIER HENDAKLAH DIPASANG DI KAWASAN YANG MELIBATKAN KERJA-KERJA PENGOREKAN DI KAWASAN KERJA (JIKA PERLU)
 9. KAWASAN KERJA ADALAH DI KAWASAN JALAN RAYA DI KIRI DAN KANAN JALAN (CADANGAN HDD PIT & CADANGAN PENGOREKAN TERBUKA)
 10. PENGAWAL BENDERA YANG MENGAWAL LALUAN 'CONTRA-FLOW' HARUS MEMPUNYAI DUA (2) BENDERA IAITU MERAH DAN HIJAU BERSAMA ALAT WALKIE TALKIE UNTUK TUJUAN KOMUNIKASI

PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

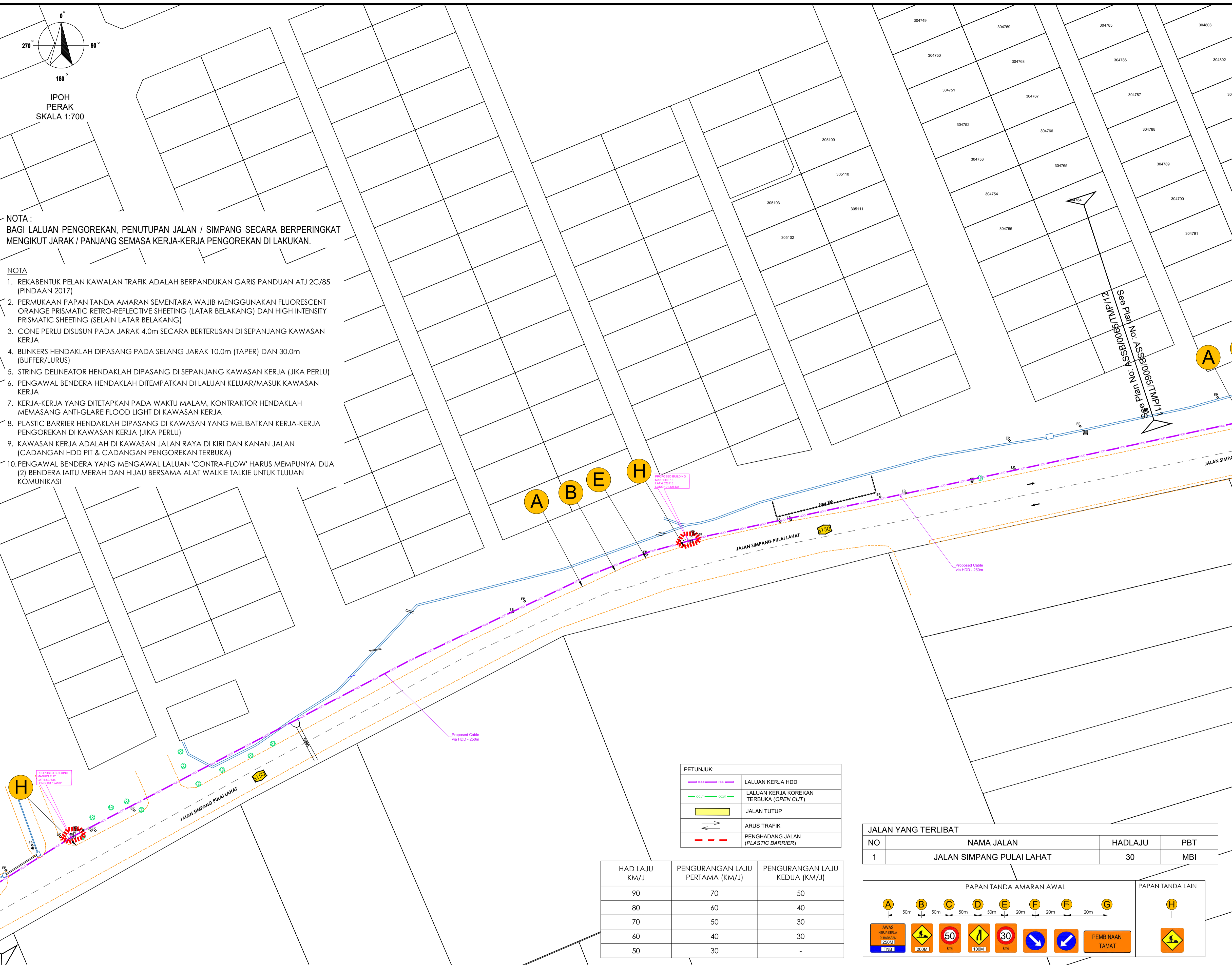
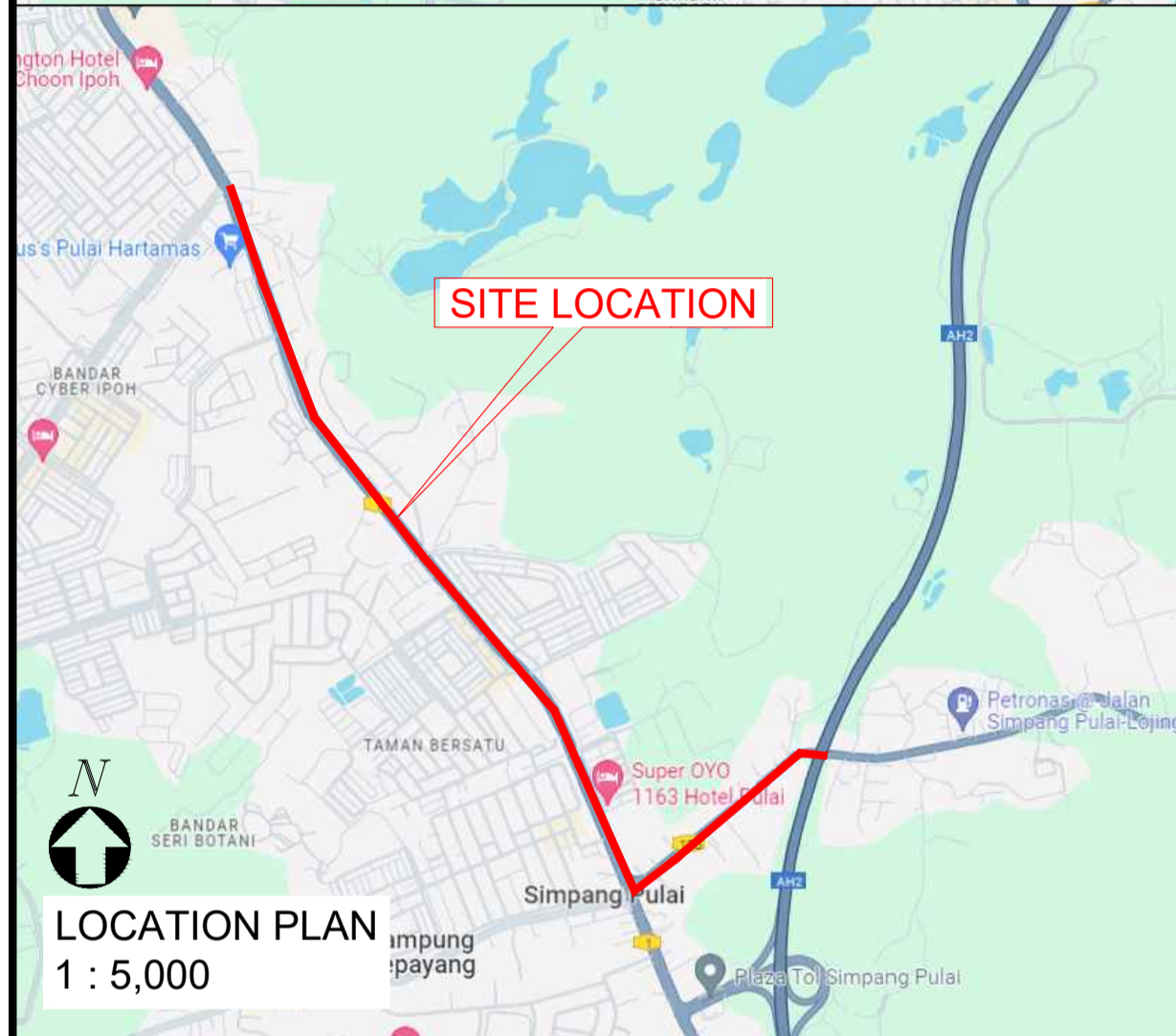
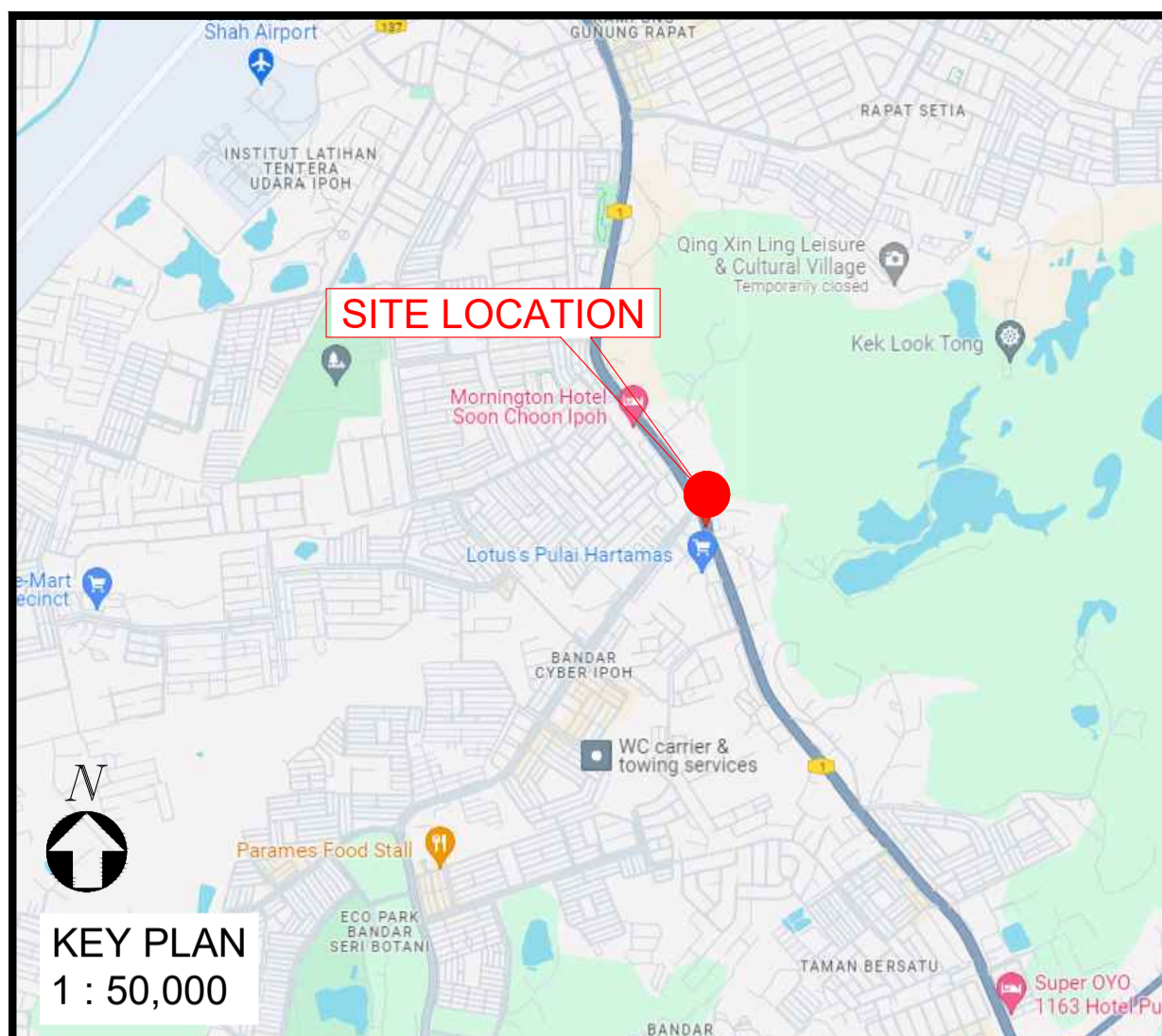
JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SULTAN NAZRIN SHAH	30	MBI
2	JALAN SIMPANG PULAI LAHAT	30	MBI

PAPAN TANDA AMARAN AWAL

PAPAN TANDA LAIN

KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax : 03-89200812 Hp : 011-26276808 Email : astraseri@gmail.com Website :				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/12



NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

- NOTA**
1. REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 2. PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITI PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
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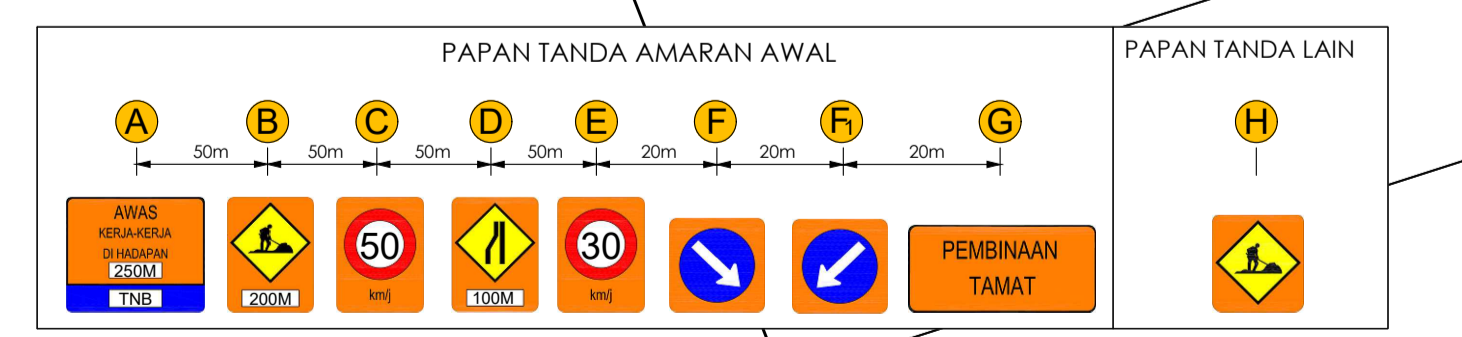
PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

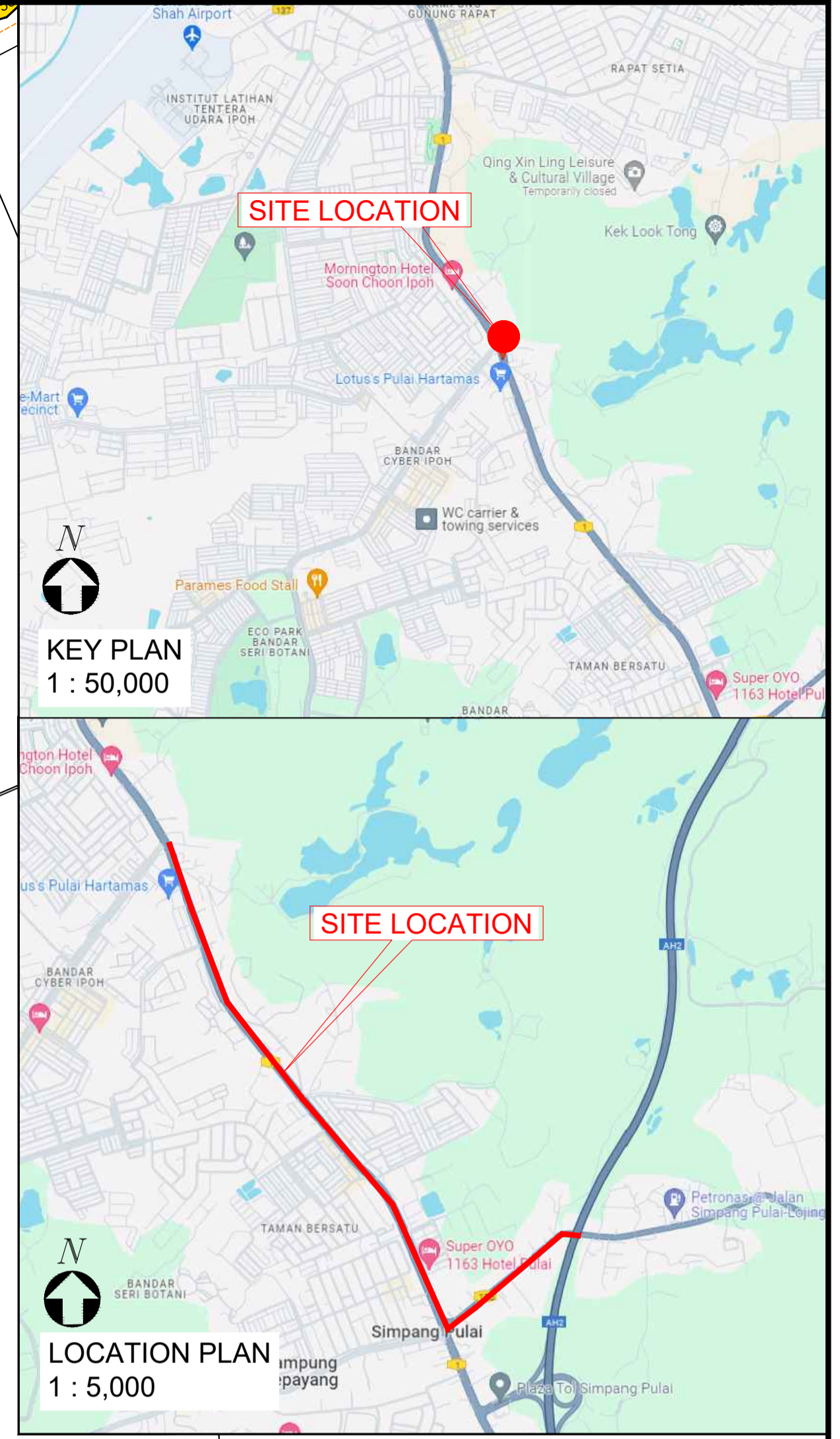
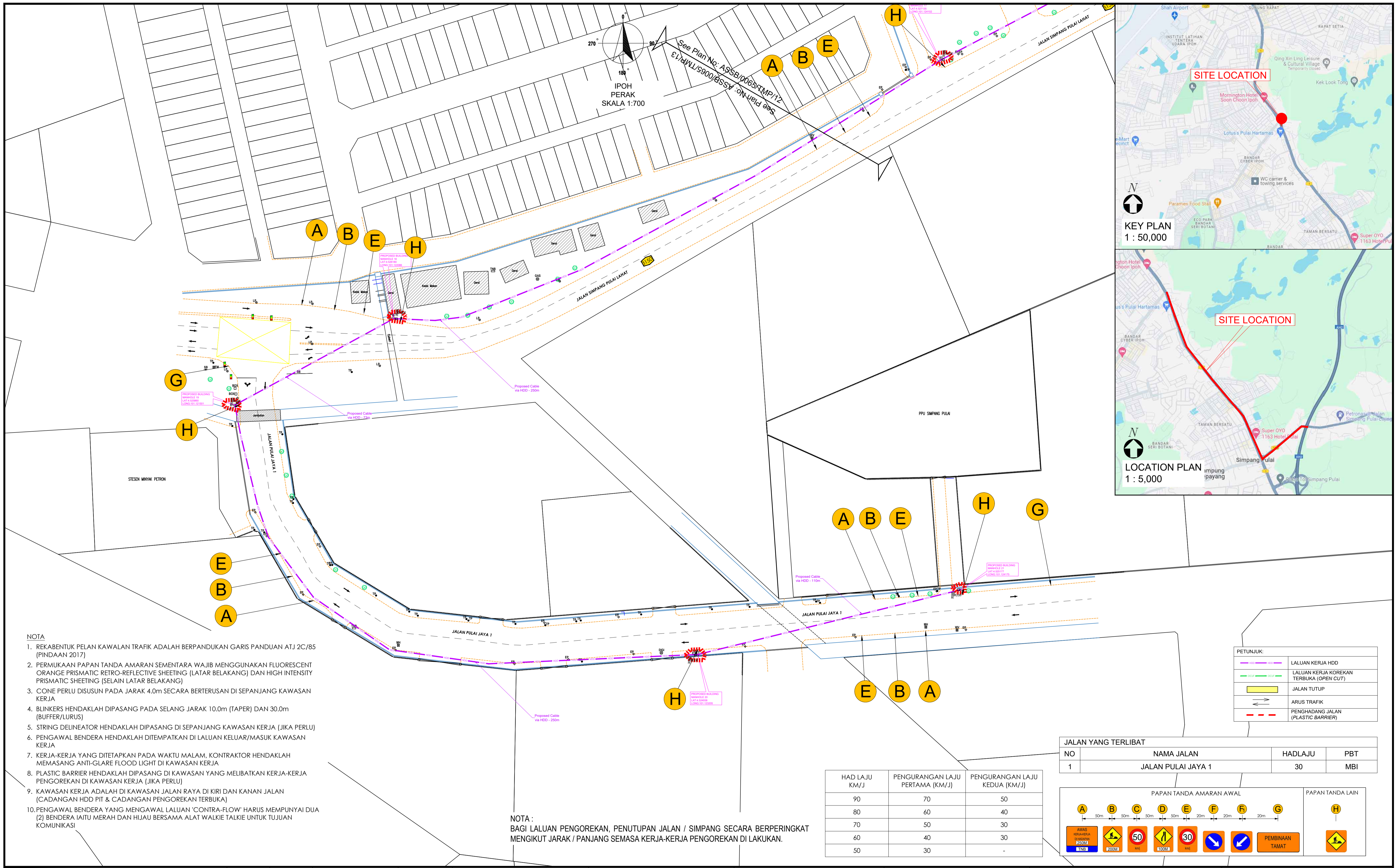
HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN SIMPANG PULAI LAHAT	30	MBI



KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax : 03-89080812 Hp : 011-26276608 Email : astraseri@gmail.com Website:				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/13



- NOTA**
- REKABENTUK PELAN KAWALAN TRAFIK ADALAH BERPANDUKAN GARIS PANDUAN ATJ 2C/85 (PINDAAN 2017)
 - PERMUKAAN PAPAN TANDA AMARAN SEMENTARA WAJIB MENGGUNAKAN FLUORESCENT ORANGE PRISMATIC RETRO-REFLECTIVE SHEETING (LATAR BELAKANG) DAN HIGH INTENSITY PRISMATIC SHEETING (SELAIN LATAR BELAKANG)
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NOTA :
BAGI LALUAN PENGOREKAN, PENUTUPAN JALAN / SIMPANG SECARA BERPERINGKAT MENGIKUT JARAK / PANJANG SEMASA KERJA-KERJA PENGOREKAN DI LAKUKAN.

PETUNJUK:

	LALUAN KERJA HDD
	LALUAN KERJA KOREKAN TERBUKA (OPEN CUT)
	JALAN TUTUP
	ARUS TRAFIK
	PENGHADANG JALAN (PLASTIC BARRIER)

HAD LAJU KM/J	PENGURANGAN LAJU PERTAMA (KM/J)	PENGURANGAN LAJU KEDUA (KM/J)
90	70	50
80	60	40
70	50	30
60	40	30
50	30	-

JALAN YANG TERLIBAT

NO	NAMA JALAN	HADLAJU	PBT
1	JALAN PULAI JAYA 1	30	MBI

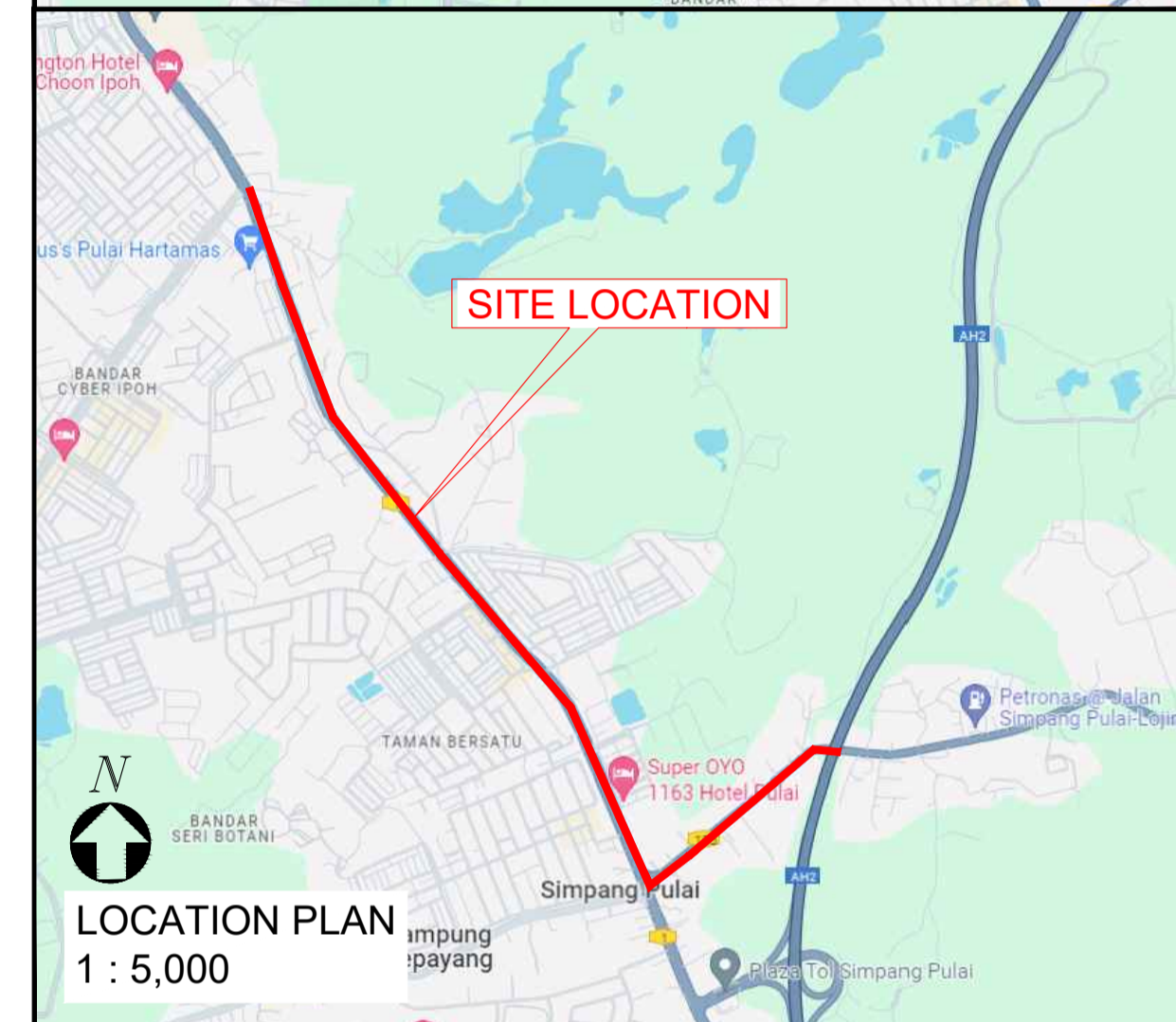
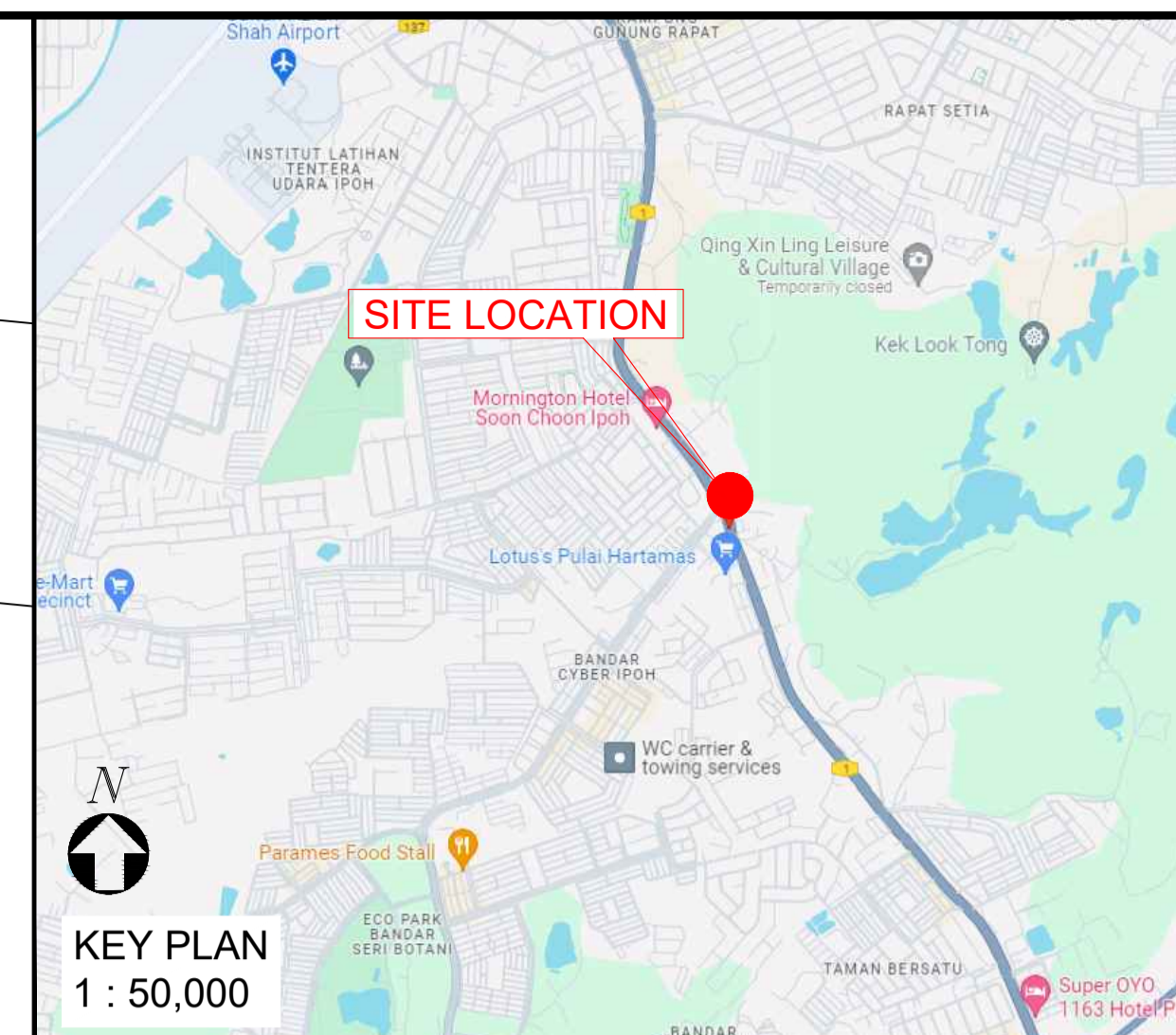
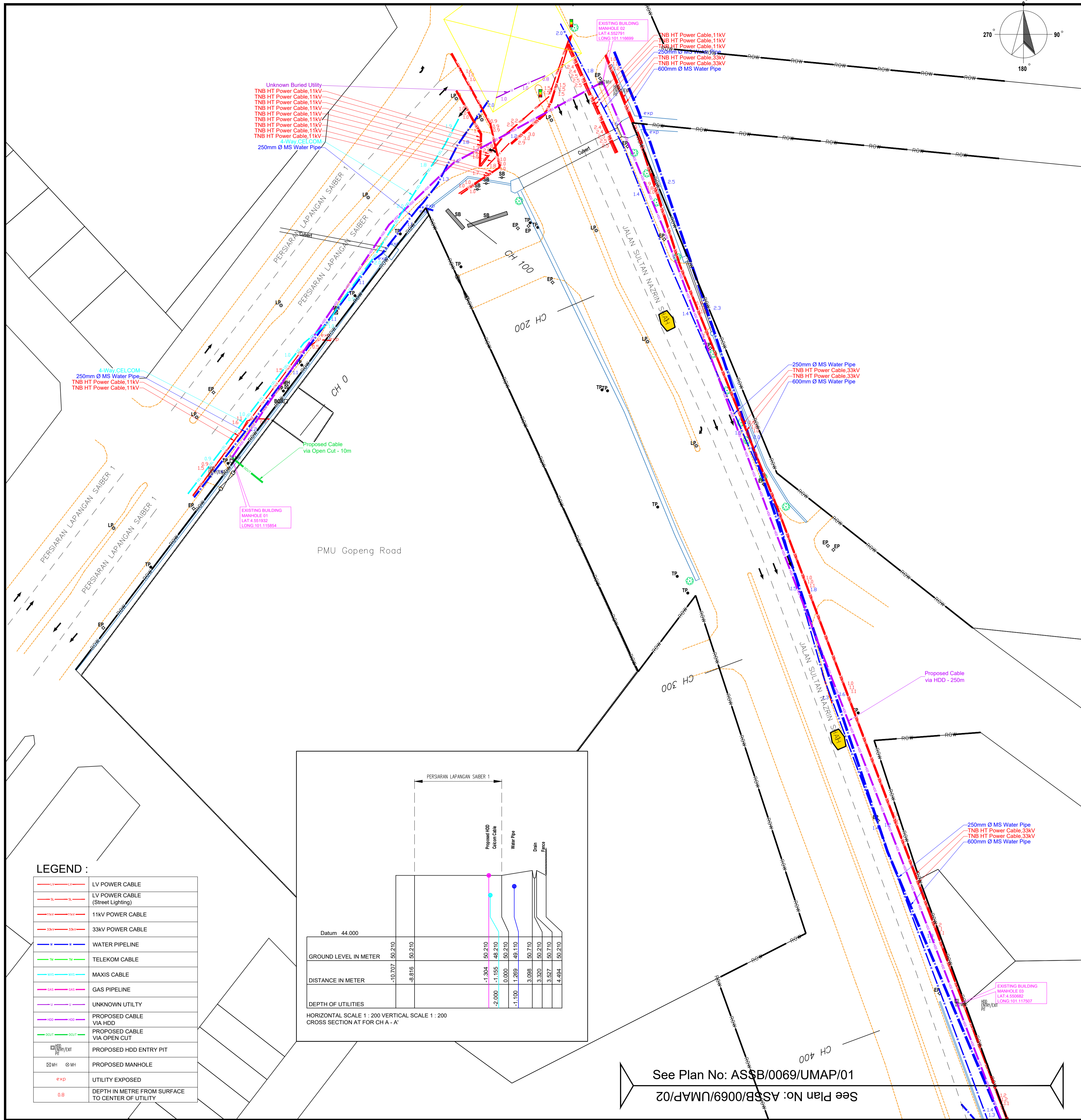
PAPAN TANDA AMARAN AWAL

A 50m, B 50m, C 50m, D 50m, E 20m, F 20m, G 20m

PAPAN TANDA LAIN

H

KONSULTAN PENGURUSAN TRAFIK	PINDAAN	TARIKH	PINDAAN	SKALA: 1:700	PEGAWAI PENGURUSAN TRAFIK (TMO)	PIHAK BERKUASA MELULUS	KONTRAKTOR	PEMILIK PROJEK	TAJUK PROJEK	TAJUK PELAN
 ASTRASERI (M) SDN BHD Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan. Tel / Fax : 03-8920812 Hp : 011-25276808 Email : astraseri@gmail.com Website :				DIREKA OLEH : ASM DILUKIS OLEH : HAFIZ DISEMAK OLEH : AA TARIKH : JULY 2024 PINDAAN : 0					INSTALL OF NEW FIBRE FROM PMU 132/33/11KV GOPENG ROAD TO PPU SIMPANG PULAI	PELAN PENGURUSAN TRAFIK TRAFFIC MANAGEMENT PLAN (TMP) NO PELAN ASSB24/0069/TMP/14



AUTHORITY:

CLIENT:

CONTRACTOR:

LAND SURVEYOR:

PRISMATIC SURVEY SDN. BHD.
 Licensed Land & Engineering Surveyors
 No.5-3, Jalan Wangsa Delima 10
 Wangsa Link, Wangsa Maju
 53300 Kuala Lumpur
 Tel : 03-4142 7471
 Fax : 03-4142 7472
 Email : prismaticsurvey@gmail.com

SR. HAJI MOKHTAR BIN ABDULLAH
 Land Surveyor Licensed Under Act 1458 (revised 1991)
 B.Sc (Hons) Survey (Land) MRSM, MAALS

- NOTES:
- Instrumentation employed: Electromagnetic location system (EM): RD 8100 PDL Receiver/ Tx-10 transmitter.
 - Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
 - The survey area was visually inspected and underground utilities detection exercise carried out to ascertain the most probable alignment of buried utilities and services.
 - The range of detection, accuracies and the capability of detecting the buried services are dependent on the soil conditions and it may not always be possible for every utility (particularly the non-metallic ones) to be detected.
 - Measurements are in metres.
 - Estimated depth & positional accuracies: ±0.1m to 0.3m.
 - It is recommended that the excavation contractor to carry out piloting / trial hole prior to excavation.
 - All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT:

INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:

PEMETAAN UTILITI BAWAH TANAH (NON-INTRUSIVE UNDERGROUND UTILITY MAPPING)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
 Lot 181A, Jalan Besar Puchong Batu 14,
 47100 Puchong,
 Selangor Darul Ehsan.
 Tel / Fax : 03-80900812
 H/p : 011-26276808
 Email : astraseri@gmail.com
 Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

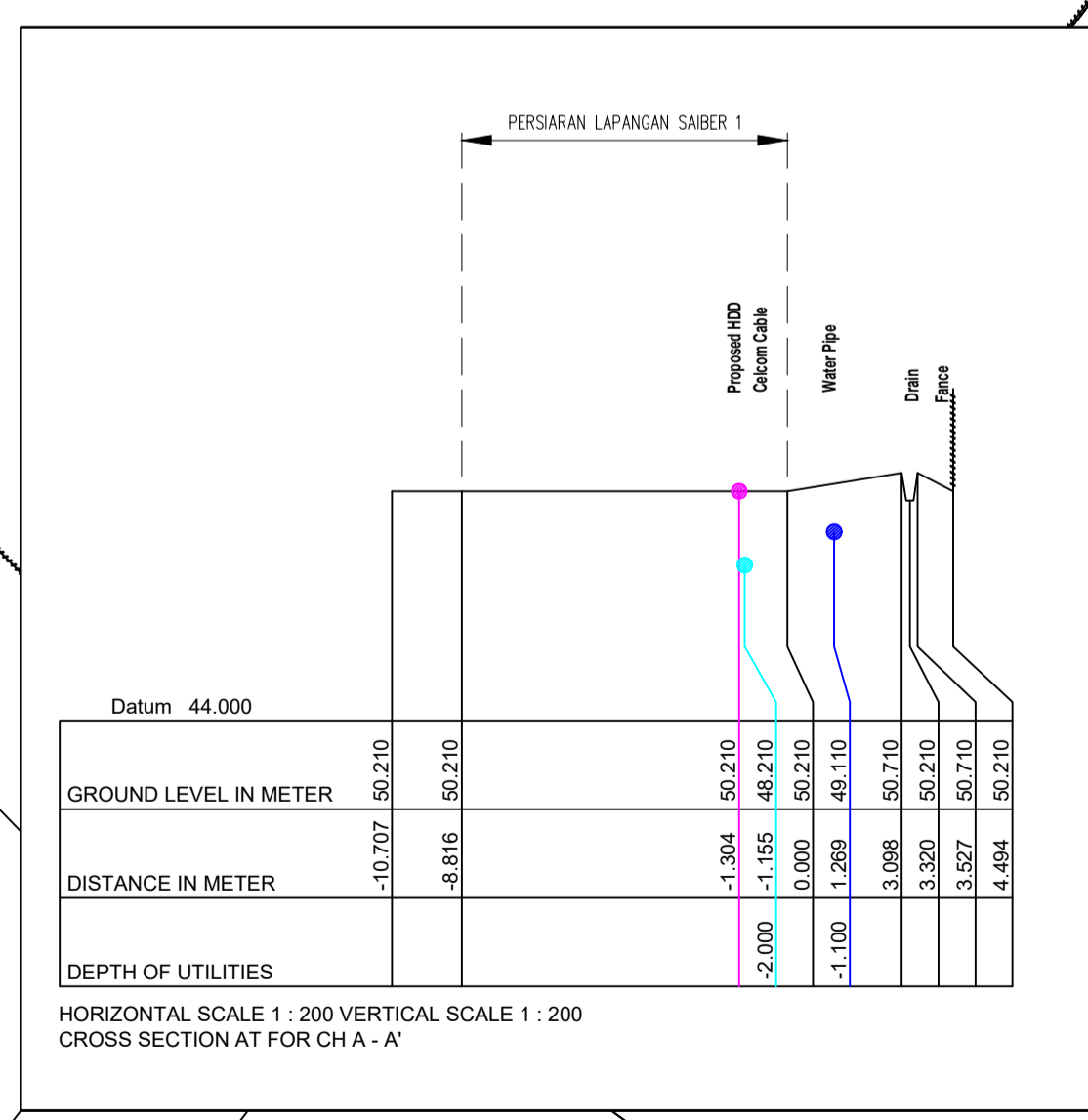
DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN

APPROVED BY: PREPARED BY: HAFIZ

SCALE: 1:500 UNITS: METER DATE: JULY 2024

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CAD FILE No.: PMU GOPENG_0069.DWG

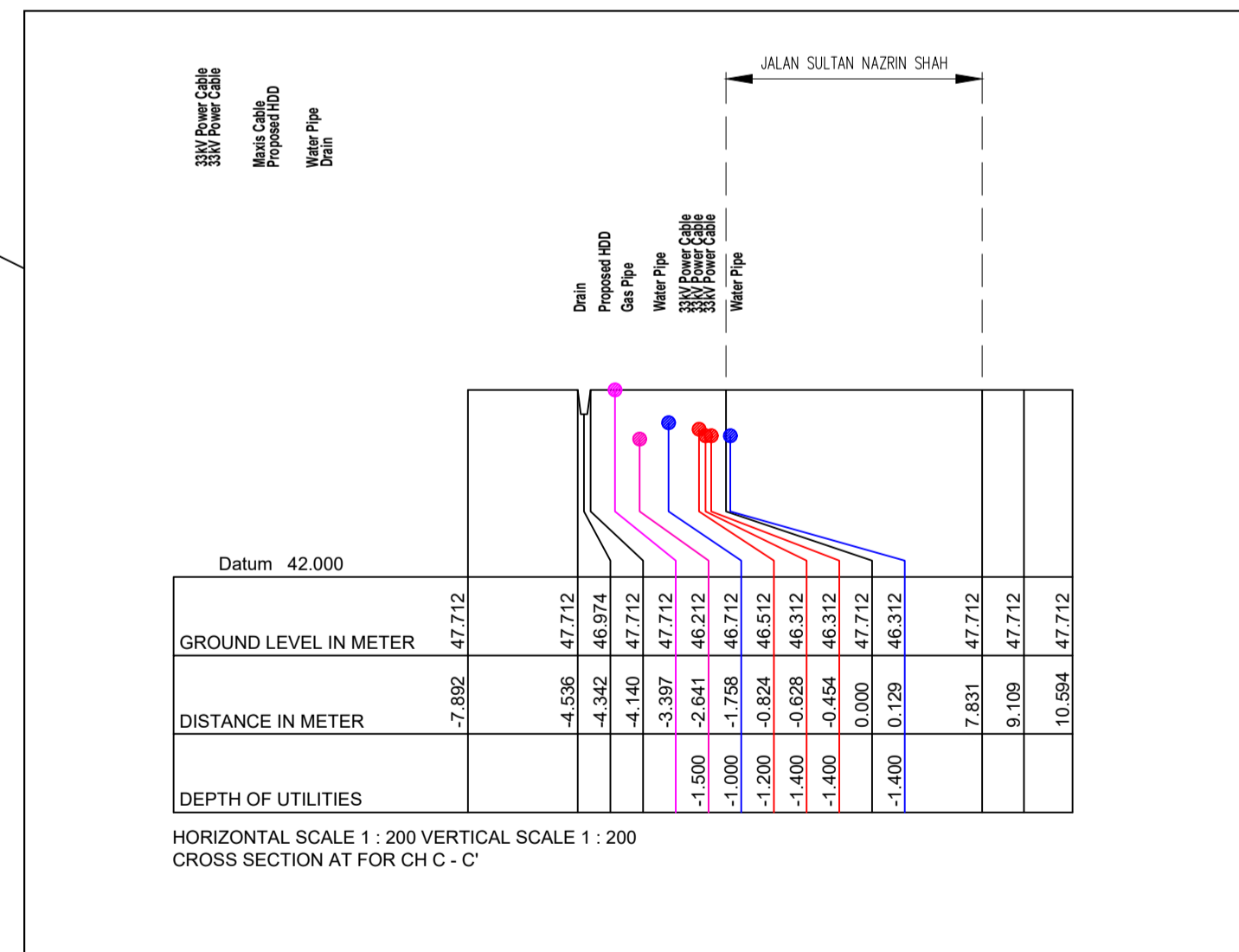
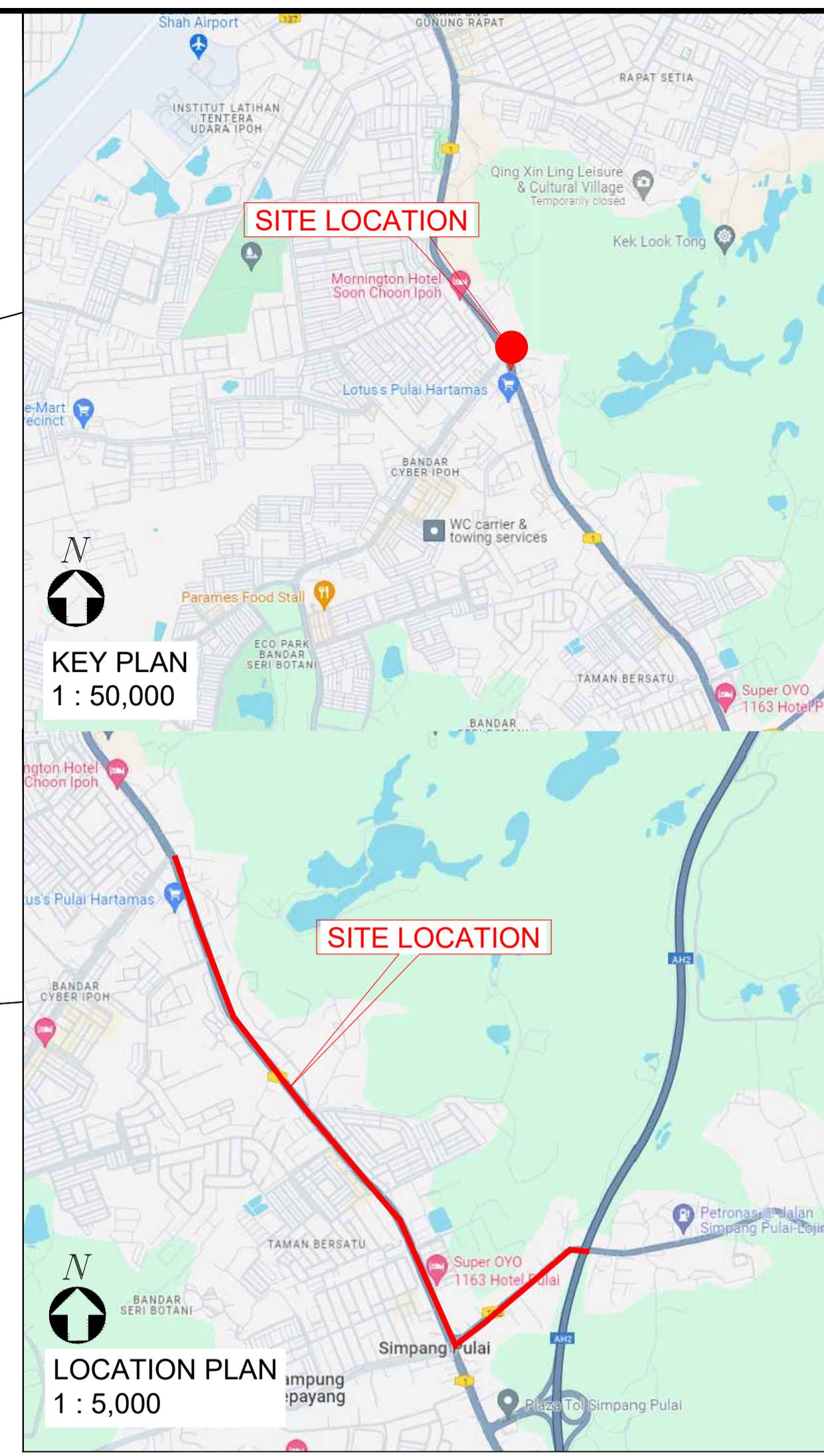
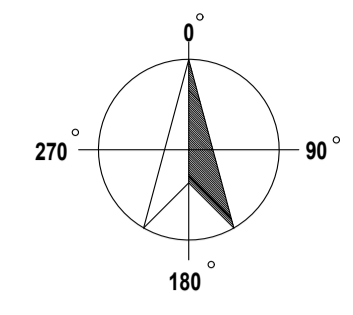
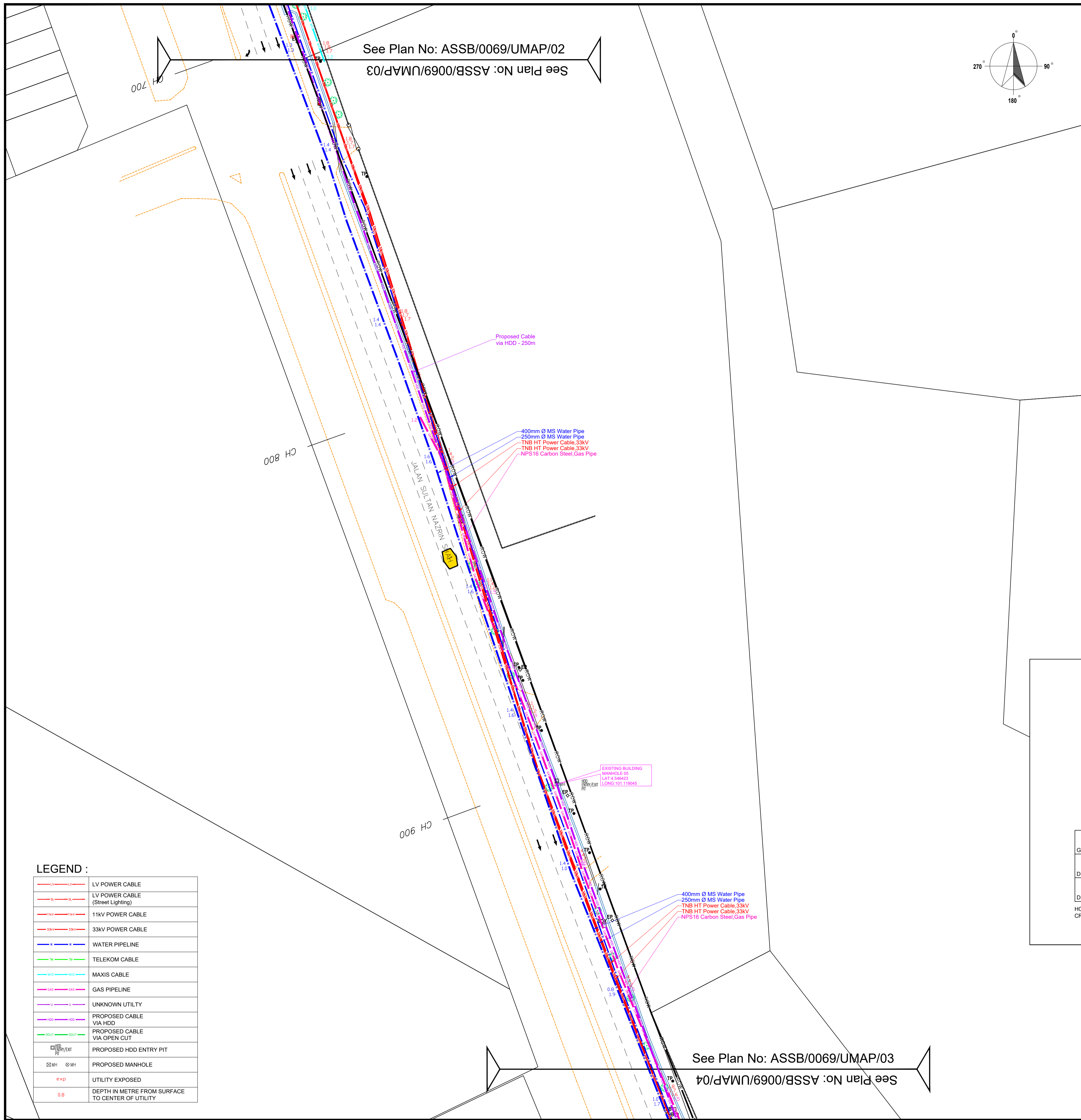


LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

See Plan No: ASSB/0069/UMAP/01

See Plan No: ASSB/0069/UMAP/02



LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11KV POWER CABLE
	33KV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

AUTHORITY:

CLIENT:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION (M) SDN BHD
S-09-12, First Subnag,
Jalan SS15/4G,
47500 Subnag, Selangor

LAND SURVEYOR:

PSSB PRISMATIC SURVEY SDN. BHD.
Licensed Land & Engineering Surveyors
No.5-3, Jalan Wangsa Delima 10
Wangsa Link, Wangsa Maju
53300 Kuala Lumpur
Tel : 03 - 4162 7471
Fax : 03 - 4162 7472
Email : prismaticsurvey@gmail.com

SR. HAJI MOKHTAR BIN ABDULLAH
Land Surveyor Licensed Under Act 458 (Revised 1991)
B.Sc (Hons) Survey (Land) MRISM, MAALS

NOTES:

- Instrumentation employed: Electromagnetic location system (EM): RD 8100 PDL Receiver/ Tx-10 transmitter.
- Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
- The survey area was visually inspected and underground utilities detection exercise carried out to ascertain the most probable alignment of buried utilities and services.
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- Measurements are in metres.
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- All levels and planimetric positions were derived by GPS observation with RTKNet method which connected to JUPEM server.

PROJECT:

INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:

PEMETAAN UTILITI BAWAH TANAH (NON-INTRUSIVE UNDERGROUND UTILITY MAPPING)

DETECTION AND MAPPING PRODUCED BY:

ASTRASERI (M) SDN BHD
Lot 181A, Jalan Besar Puchong Batu 14,
47100 Puchong,
Selangor Darul Ehsan.
Tel / Fax : 03-80900812
H/p : 011-26276808
Email : astraseri@gmail.com
Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

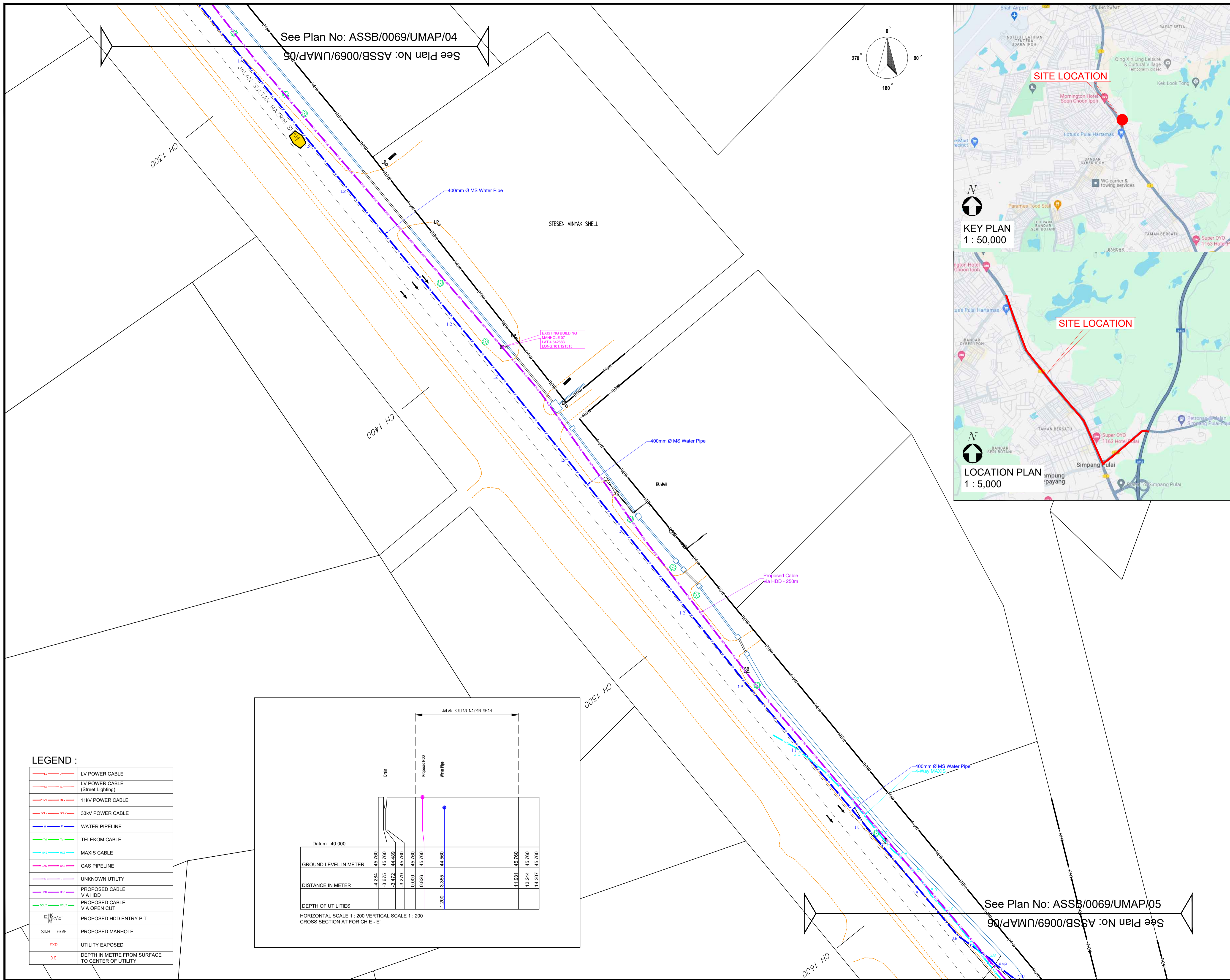
DESIGNED BY: TEAM 1 **CHECKED BY:** DINISHWARAN

APPROVED BY: **PREPARED BY:** HAFIZ

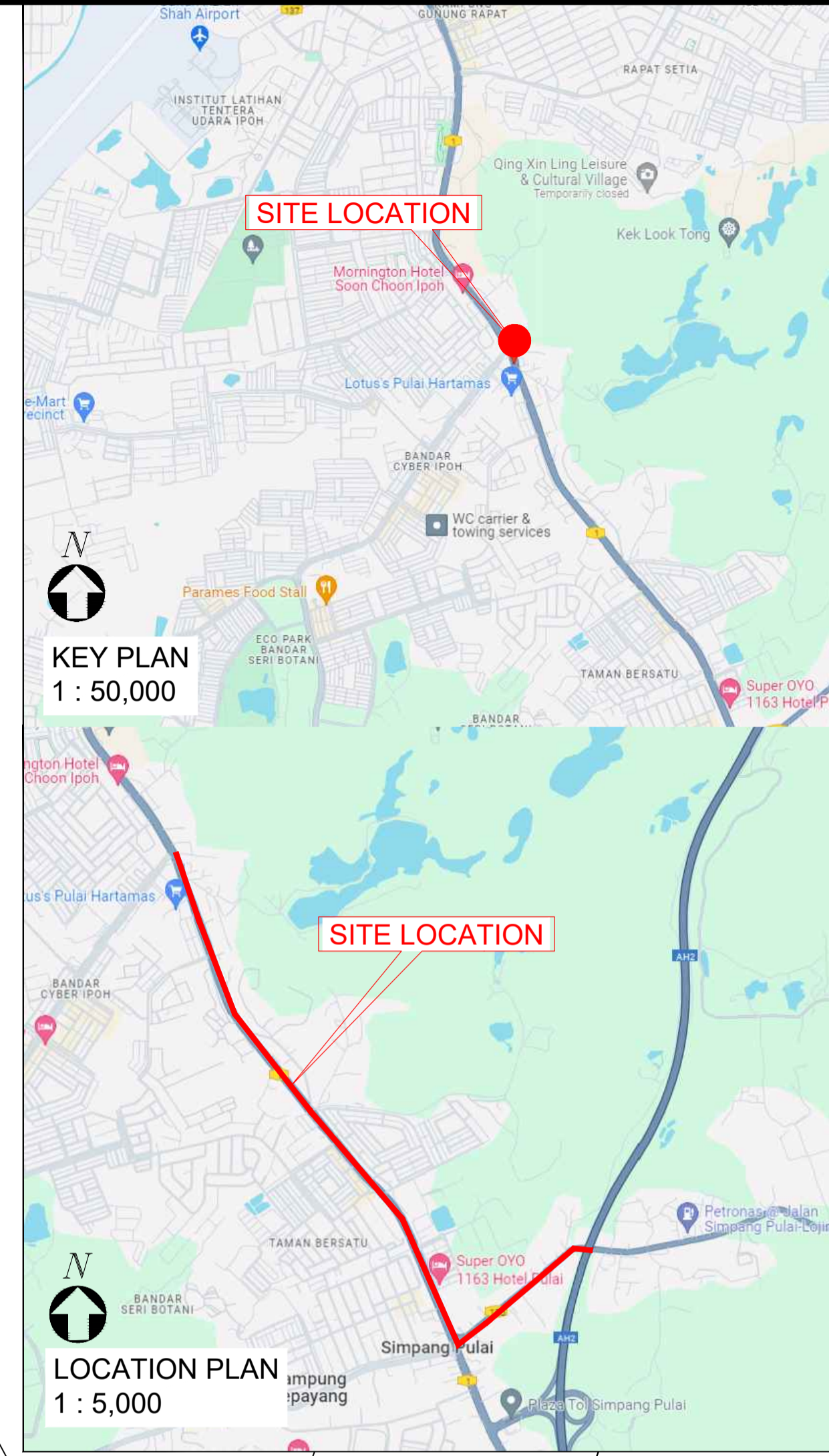
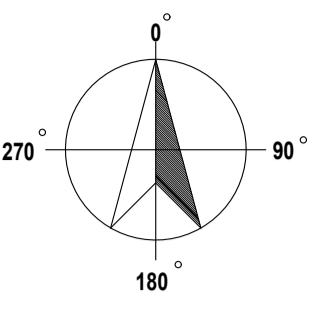
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DRAWING / FILE No.: ASSB/24/UMAP/03 **REVISION No.:** 0

CAD FILE No.: PMU GOPENG_0069.DWG



See Plan No: ASSB/0069/UMAP/04
See Plan No: ASSB/0069/UMAP/05



LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11KV POWER CABLE
	33KV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

CROSS SECTION AT FOR CH E - E'

GROUND LEVEL IN METER	4.284	45.760	45.760	44.889	45.760	45.760	0.000	45.760	44.980	11.931	45.760
DISTANCE IN METER	-3.875	3.872	3.273	0.000	0.828	3.395	1.200	11.931	13.244	14.307	45.760
DEPTH OF UTILITIES							1.200				

HORIZONTAL SCALE 1 : 200 VERTICAL SCALE 1 : 200
CROSS SECTION AT FOR CH E - E'

AUTHORITY:

CLIENT:
 TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:
 PURNAMA SOLUTION (M) SDN BHD
S-09-12, First Subnag,
Jalan SS15/4G,
47500 Subnag, Selangor

LAND SURVEYOR:
 PRISMATIC SURVEY SDN. BHD.
Licensed Land & Engineering Surveyors
No.5-3, Jalan Wangsa Delima 10
Wangsa Link, Wangsa Maju
53300 Kuala Lumpur
Tel : 03 - 4162 7471
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NOTES:

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PROJECT:
INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:
PEMETAAN UTILITI BAWAH TANAH (NON-INTRUSIVE UNDERGROUND UTILITY MAPPING)

DETECTION AND MAPPING PRODUCED BY:
 ASTRASERI (M) SDN BHD
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47100 Puchong,
Selangor Darul Ehsan.
Tel / Fax : 03-80900812
H/p : 011-26276808
Email : astraseri@gmail.com
Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

DESIGNED BY: TEAM 1
CHECKED BY: DINISHWARAN

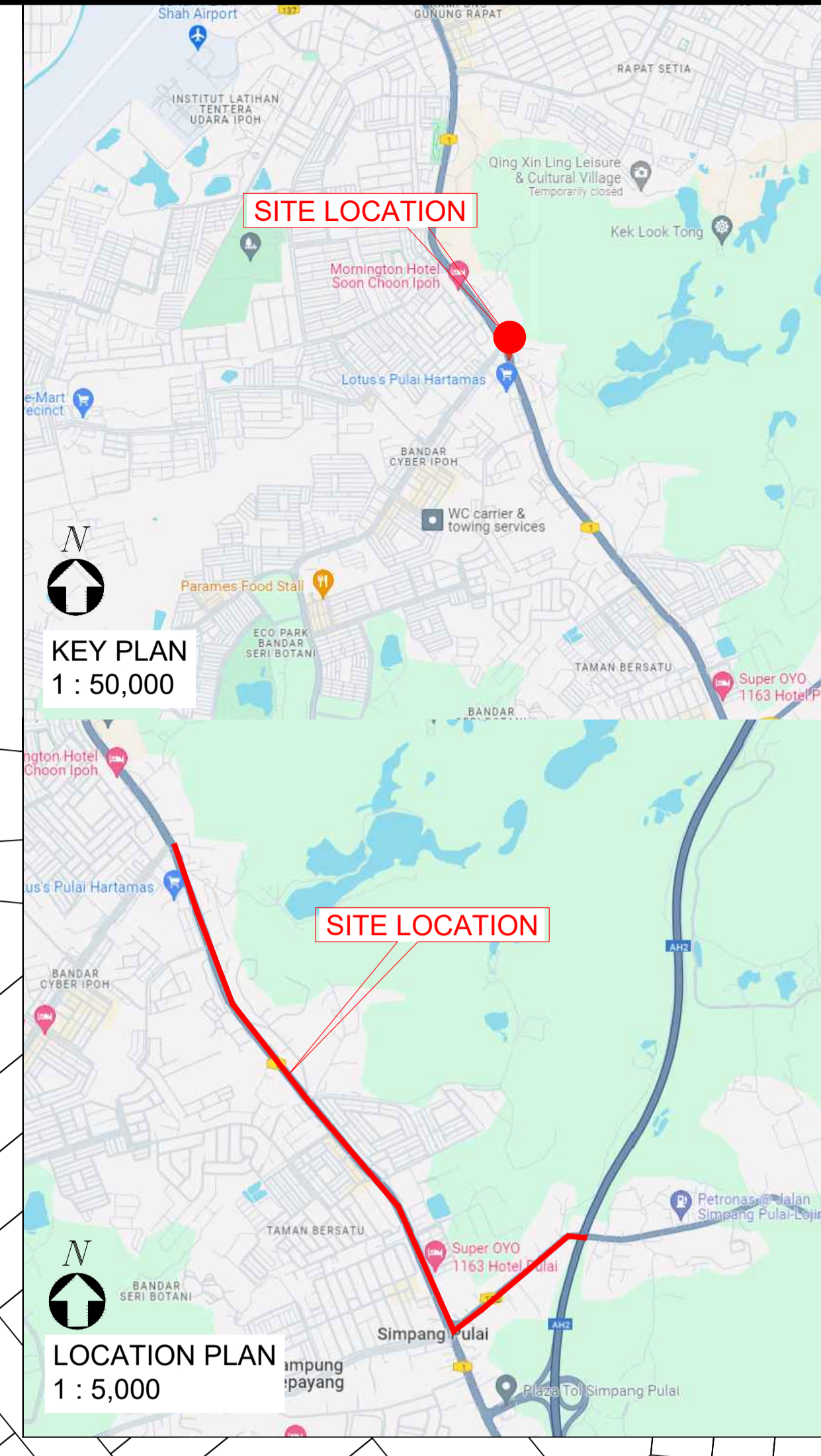
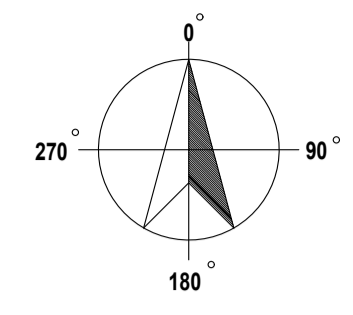
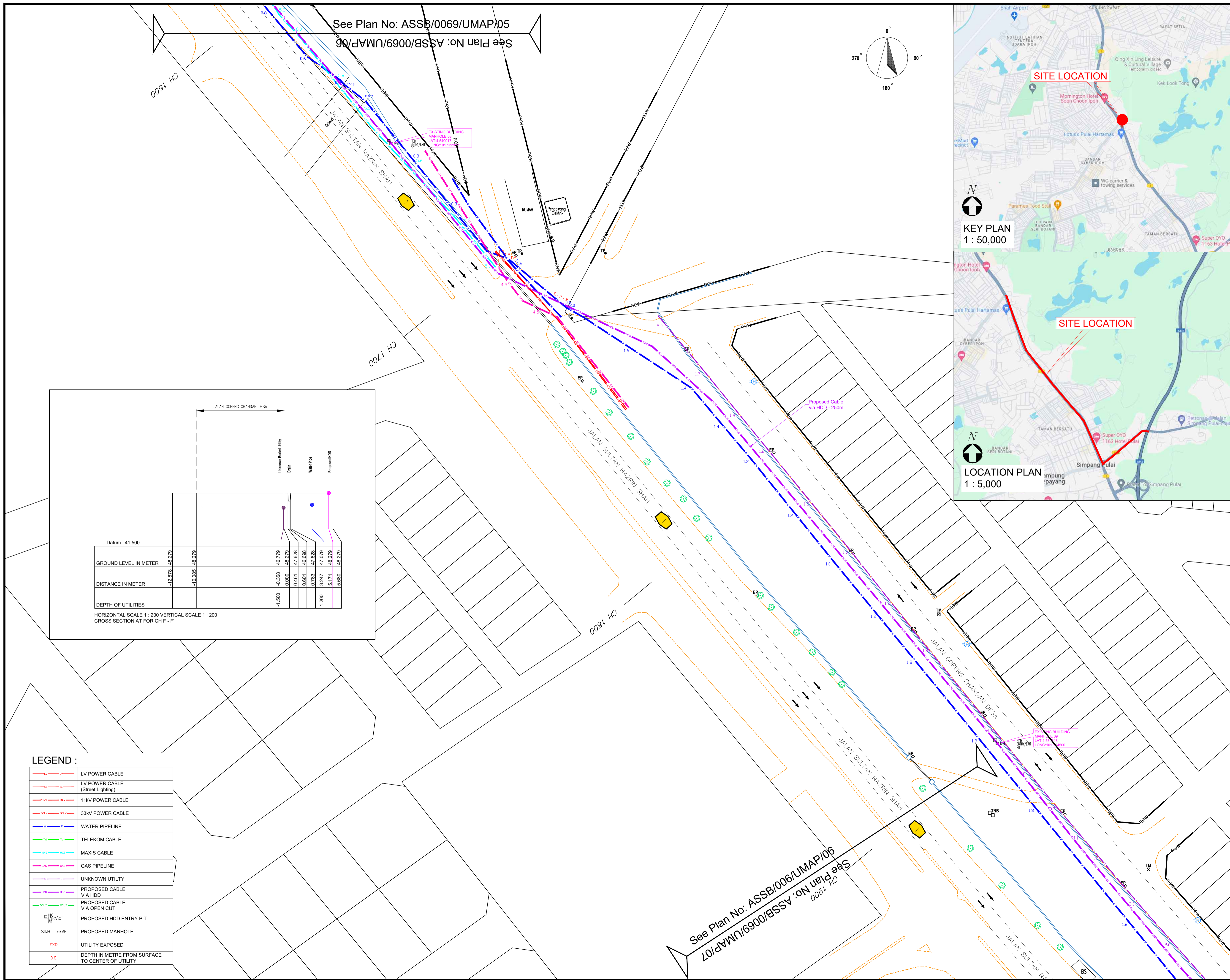
APPROVED BY:
PREPARED BY: HAFIZ

SCALE: 1 : 500
UNITS: METER
DATE: JULY 2024

DRAWING / FILE No.: ASSB/24/UMAP/05
REVISION No.: 0

CAD FILE No.: PMU GOPENG_0069.DWG

See Plan No: ASSB/0069/UMAP/05
See Plan No: ASSB/0069/UMAP/06



JALAN GOPENG CHANDAN DESA

Datum	41.500
GROUND LEVEL IN METER	-12.878, 48.279, -10.085, 48.279, -0.359, 48.779, 0.000, 48.279, 0.461, 47.628, 0.601, 46.698, 0.783, 47.628, 3.247, 47.079, 5.171, 48.279, 5.680, 48.279
DISTANCE IN METER	
DEPTH OF UTILITIES	-1.500, 0.000, 0.461, 0.601, 0.783, 3.247, 5.171, 5.680

HORIZONTAL SCALE 1 : 200 VERTICAL SCALE 1 : 200
CROSS SECTION AT FOR CH F - F

LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

AUTHORITY:

CLIENT:
TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:
PURNAMA SOLUTION (M) SDN BHD
 S-09-12, First Subnag, Jalan SS15/4G, 47500 Subnag, Selangor

LAND SURVEYOR:
PRISMATIC SURVEY SDN. BHD.
 Licensed Land & Engineering Surveyors
 No 5-3, Jalan Wangsa Delima 10, Wangsa Maju, 53300 Kuala Lumpur
 Tel: 03-4162 7471 Fax: 03-4162 7472
 Email: prismaticsurvey@gmail.com

SR. HAJI MOKHTAR BIN ABDULLAH
 Land Surveyor Licensed Under Act 458 (revised 1991)
 B.Sc (Hons) Survey (Land) MRISM, MAALS

NOTES:

- Instrumentation employed: Electromagnetic location system (EM): RD 8100 PDL Receiver/ Tx-10 transmitter.
- Records and/or documented information of buried utilities and services for the survey area were not provided at the time of the survey.
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PROJECT:
 INSTALL OF NEW FIBRE FROM PMU 132/33/11kV GOPENG ROAD TO PPU SIMPANG PULAI

TITLE:
 PEMETAAN UTILITI BAWAH TANAH (NON-INTRUSIVE UNDERGROUND UTILITY MAPPING)

DETECTION AND MAPPING PRODUCED BY:
ASTRASERI (M) SDN BHD
 Lot 181A, Jalan Besar Puchong Batu 14, 47100 Puchong, Selangor Darul Ehsan.
 Tel / Fax : 03-80900812
 H/p : 011-26276808
 Email : astraseri@gmail.com
 Website:

REV.	DATE	REVISED BY	CHECKED BY	CONTENT

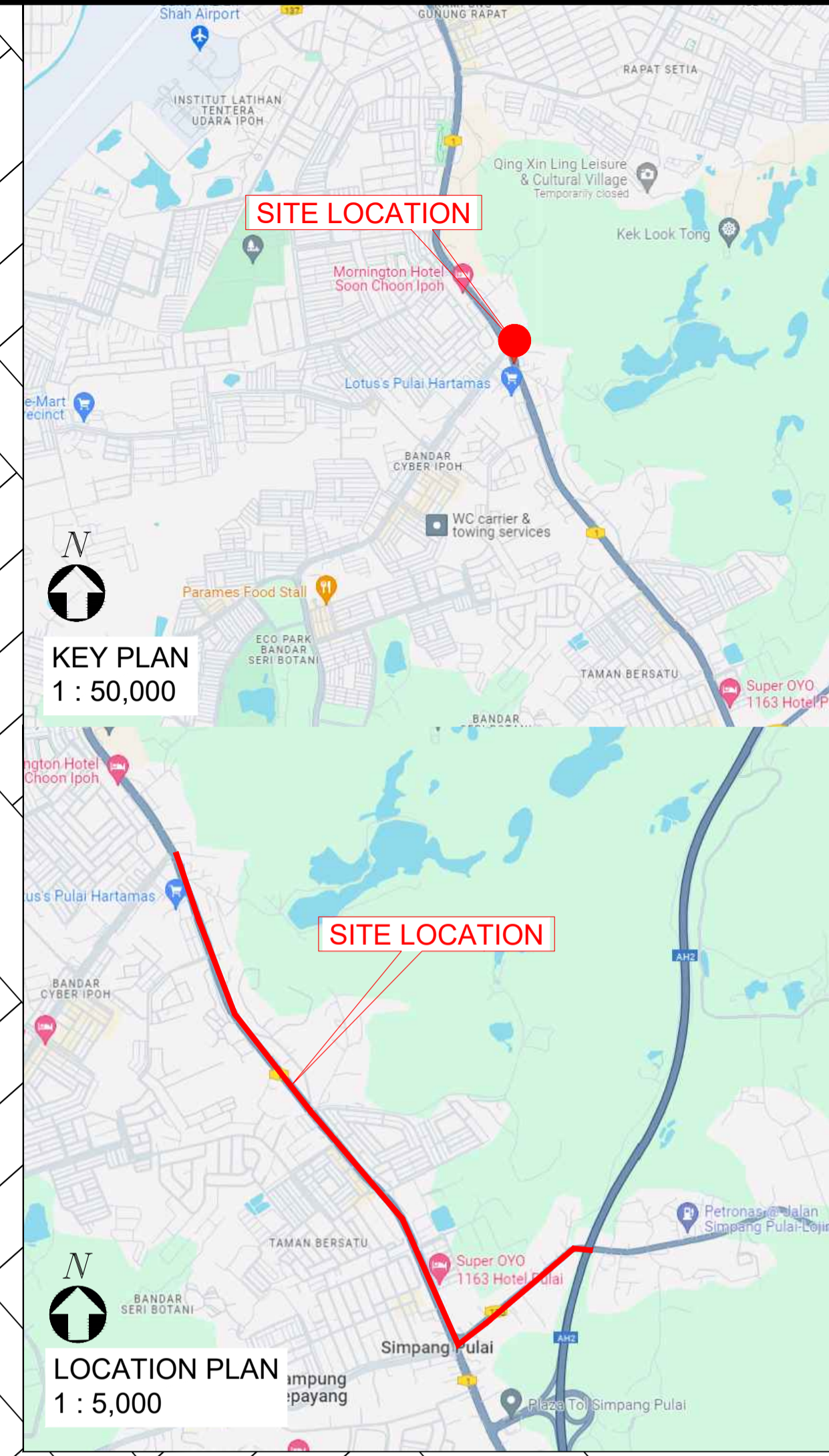
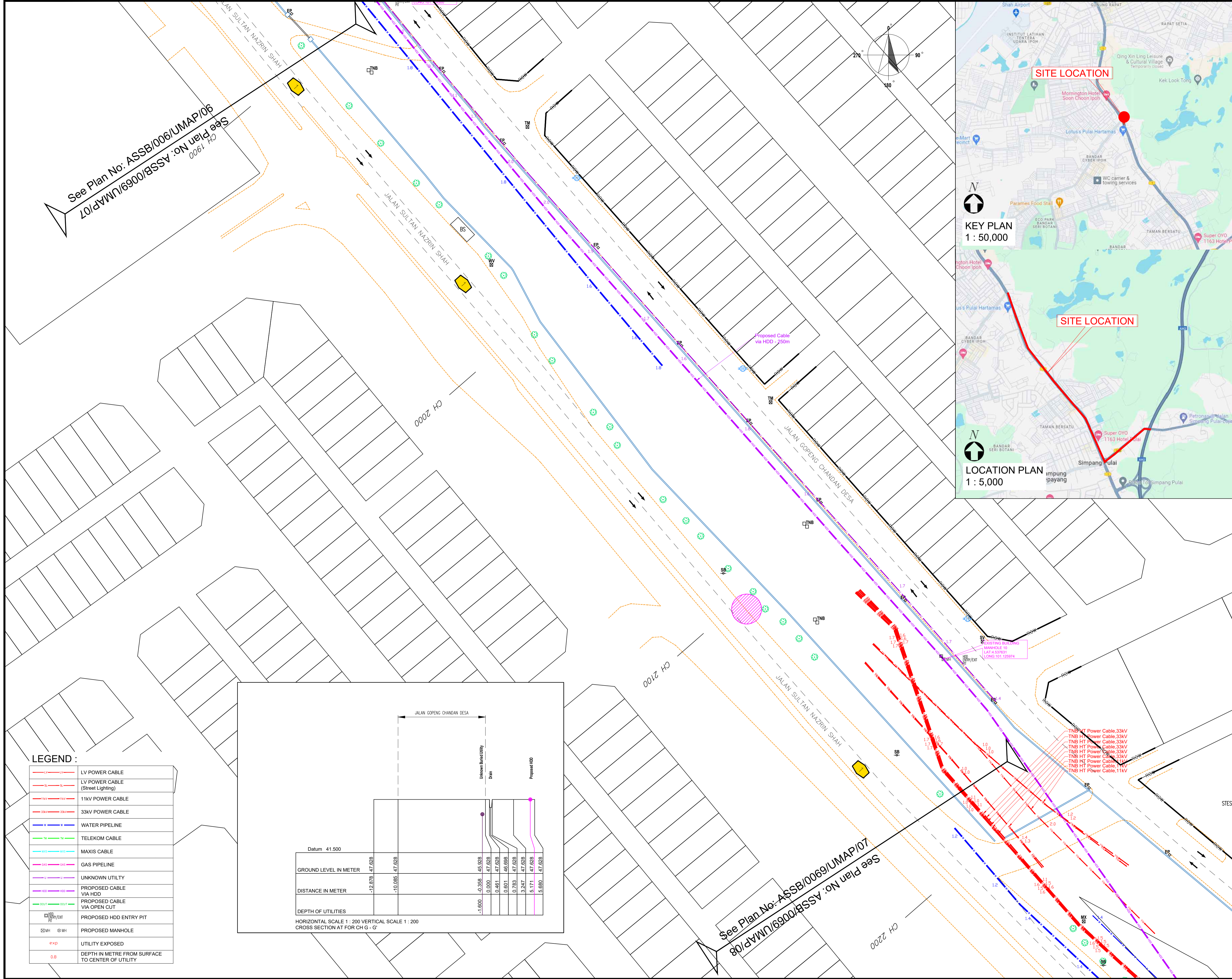
DESIGNED BY: TEAM 1
CHECKED BY: DINISHWARAN

APPROVED BY:
PREPARED BY: HAFIZ

SCALE: 1 : 500 **UNITS:** METER **DATE:** JULY 2024

DRAWING / FILE No.: ASSB/24/UMAP/06 **REVISION No.:** 0

CAD FILE No.: PMU GOPENG_0069.DWG

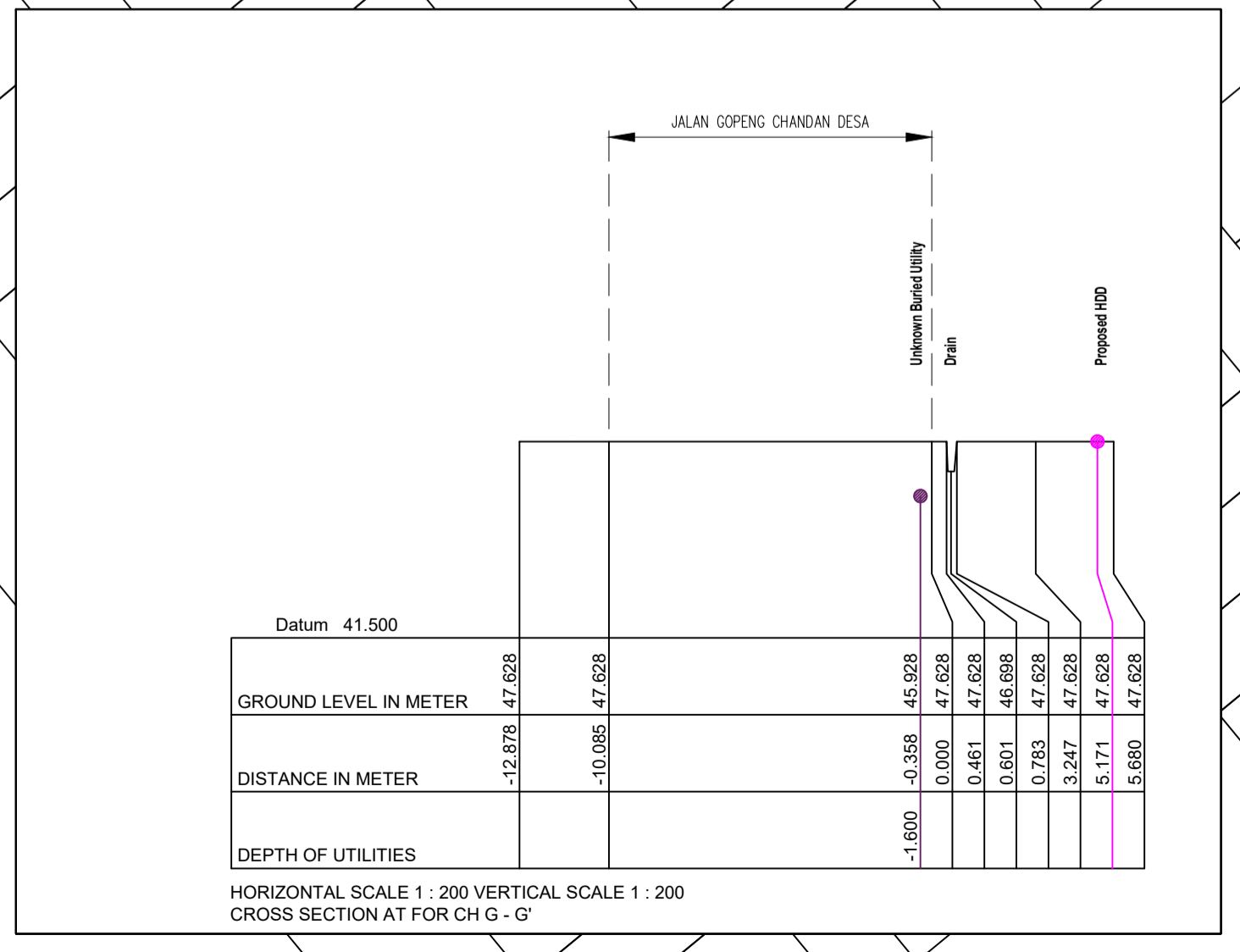


See Plan No: ASSB/006/UMAP/06
 2019dWV/6900/ASSB/006/UMAP/07

See Plan No: ASSB/006/UMAP/06
 2019dWV/6900/ASSB/006/UMAP/07

LEGEND :

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	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY



AUTHORITY:

CLIENT:

TENAGA NASIONAL
Better. Brighter.

CONTRACTOR:

PURNAMA SOLUTION
PURNAMA SOLUTION (M) SDN BHD
S-09-12, First Subnag,
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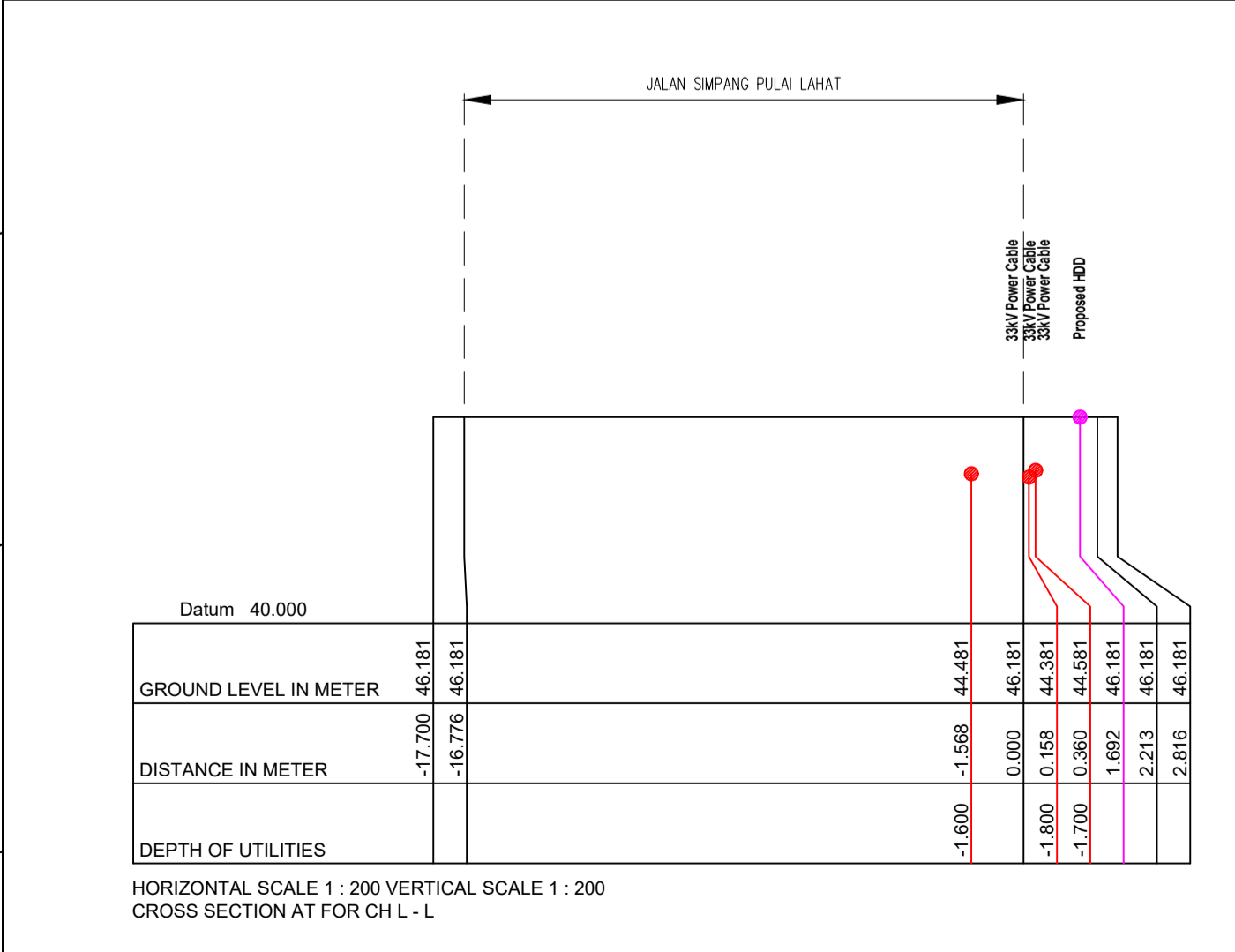
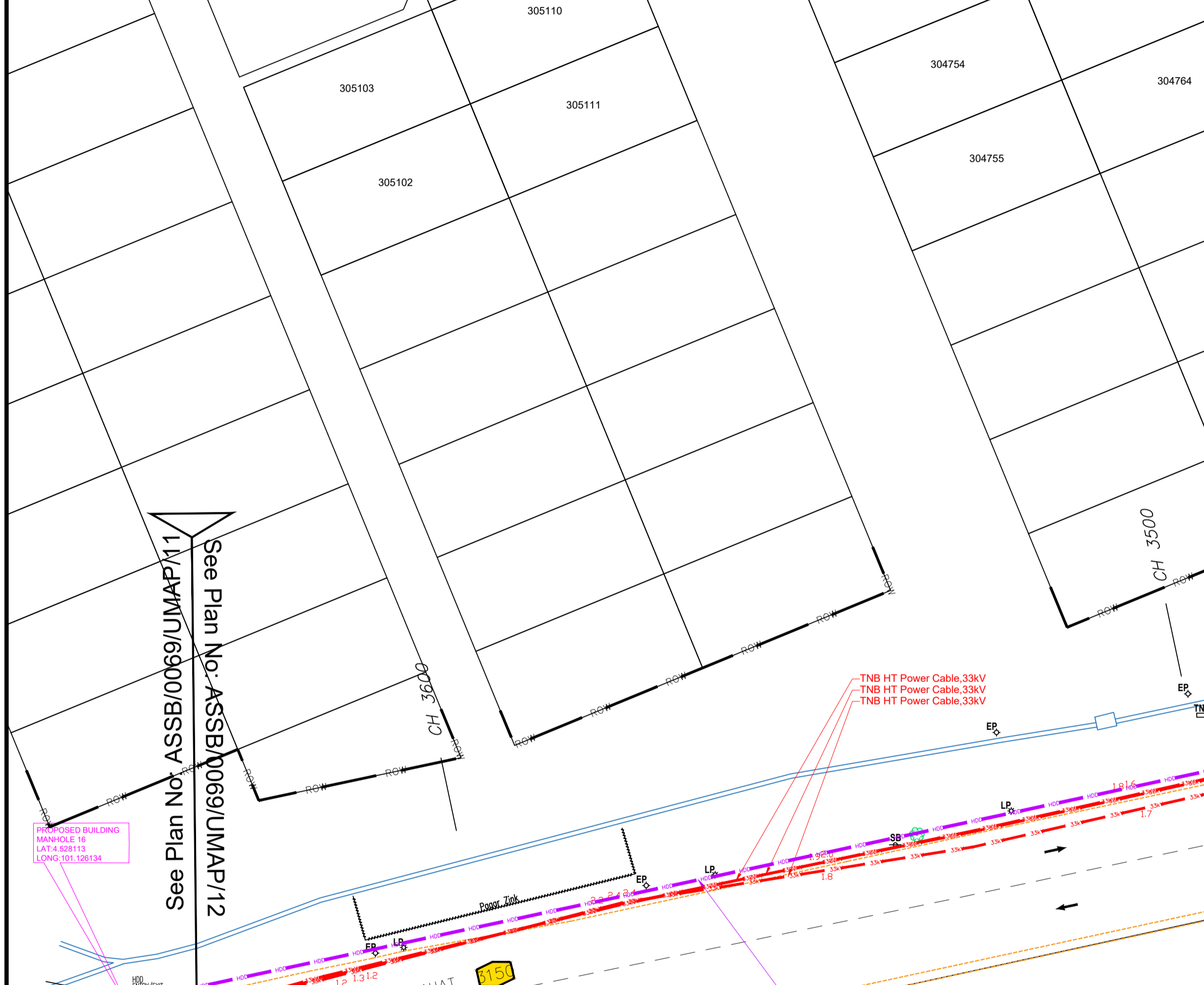
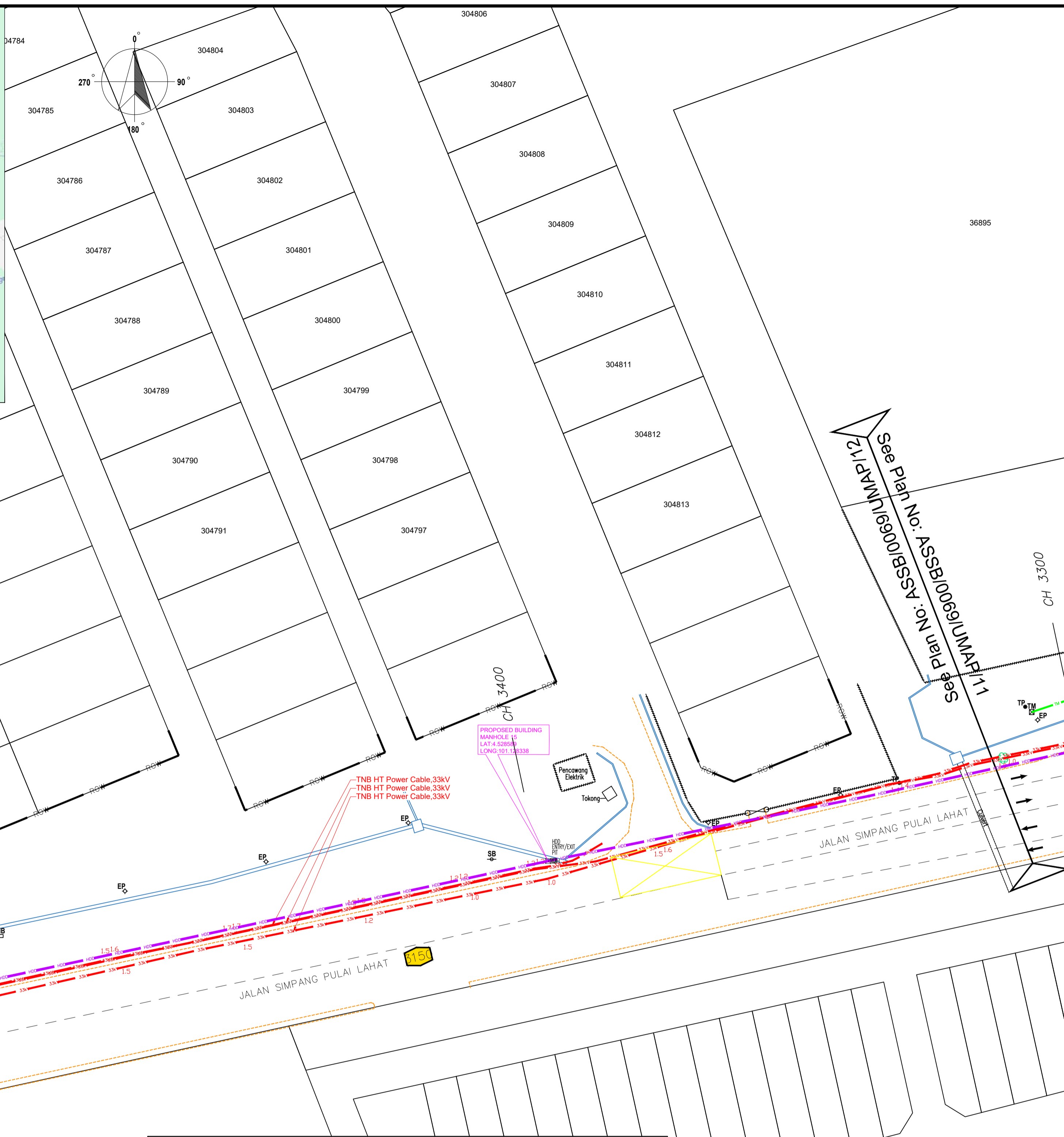
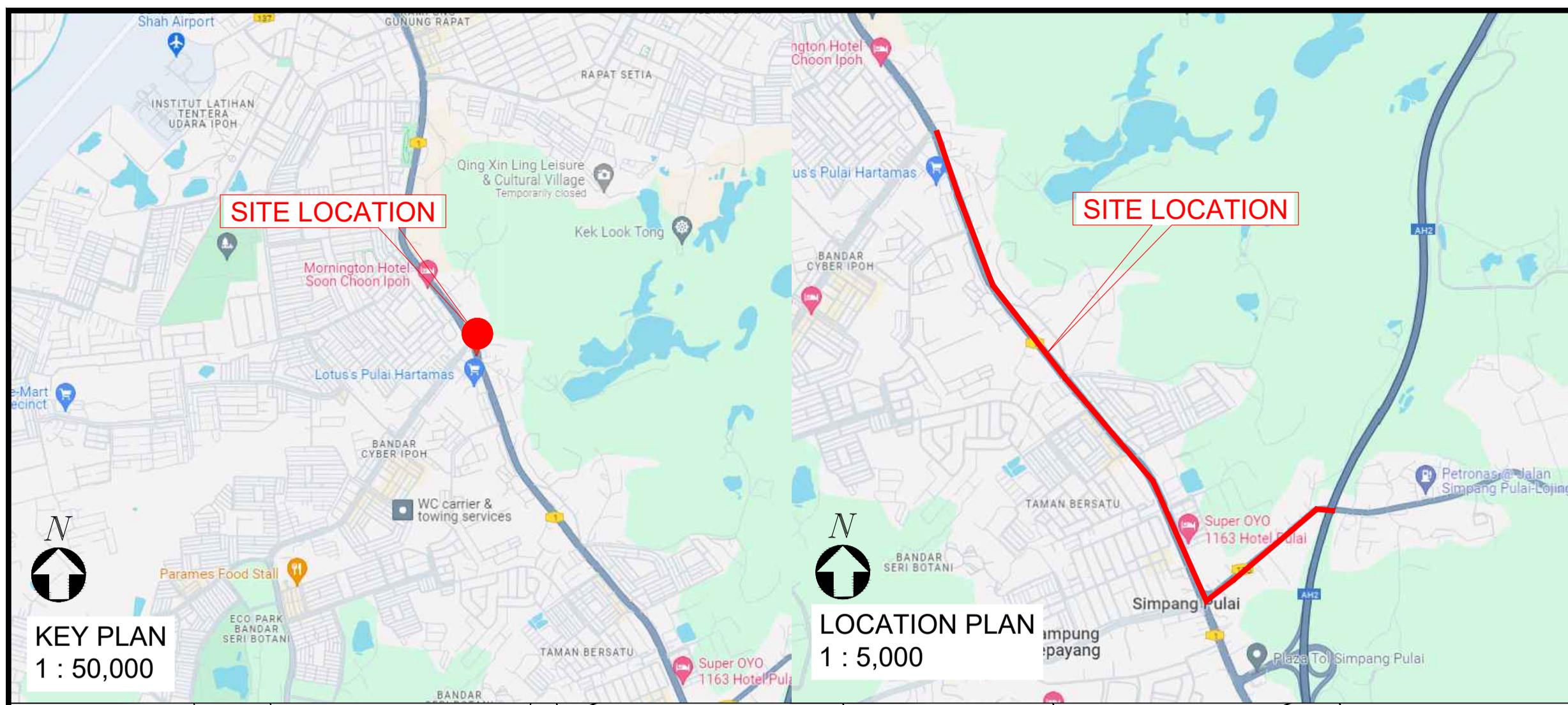
DESIGNED BY: TEAM 1 **CHECKED BY:** DINISHWARAN

APPROVED BY: **PREPARED BY:** HAFIZ

SCALE: 1:500 **UNITS:** METER **DATE:** JULY 2024

DRAWING / FILE No.: ASSB/24/UMAP/07 **REVISION No.:** 0

CAD FILE No.: PMU GOPENG_0069.DWG



LEGEND :

	LV POWER CABLE
	LV POWER CABLE (Street Lighting)
	11kV POWER CABLE
	33kV POWER CABLE
	WATER PIPELINE
	TELEKOM CABLE
	MAXIS CABLE
	GAS PIPELINE
	UNKNOWN UTILITY
	PROPOSED CABLE VIA HDD
	PROPOSED CABLE VIA OPEN CUT
	PROPOSED HDD ENTRY PIT
	PROPOSED MANHOLE
	UTILITY EXPOSED
	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

AUTHORITY:

CLIENT:
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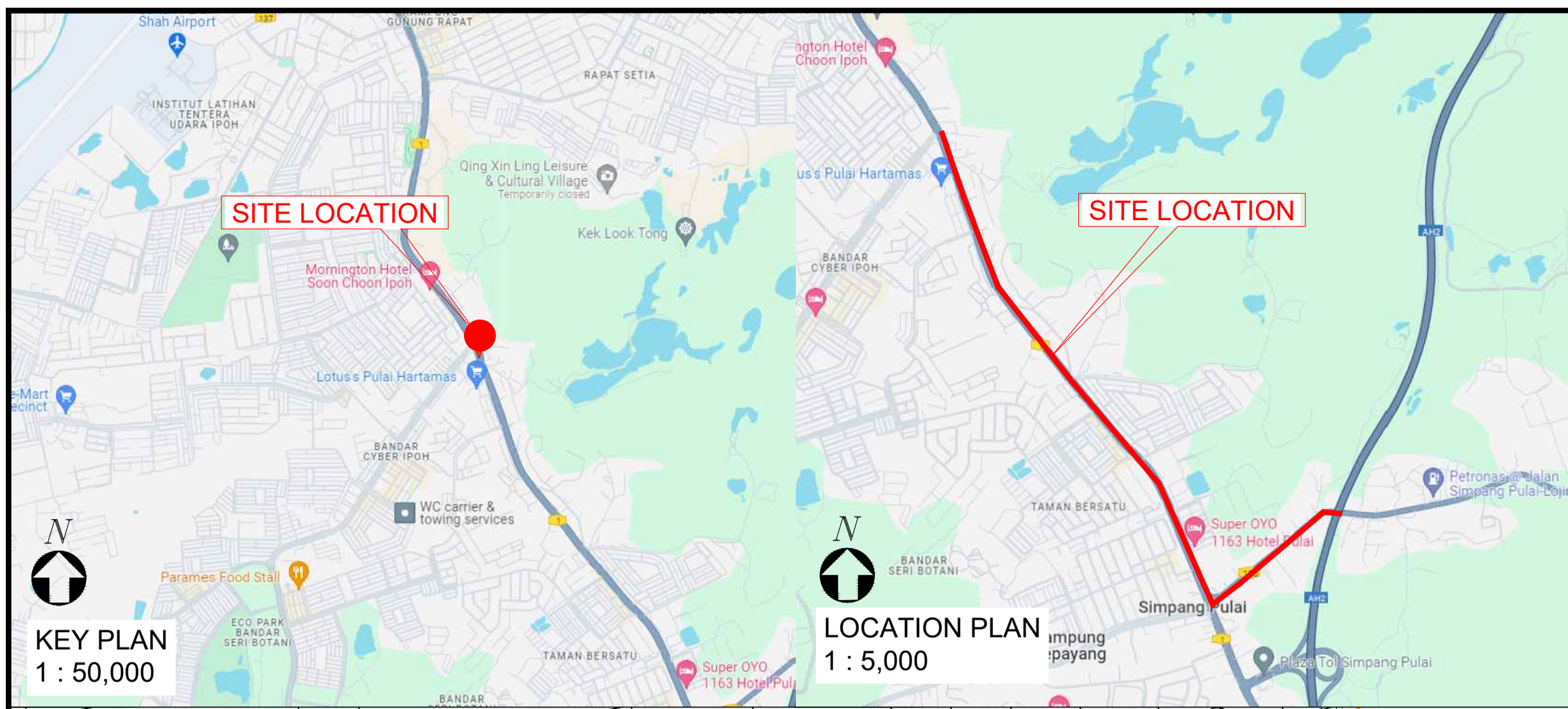
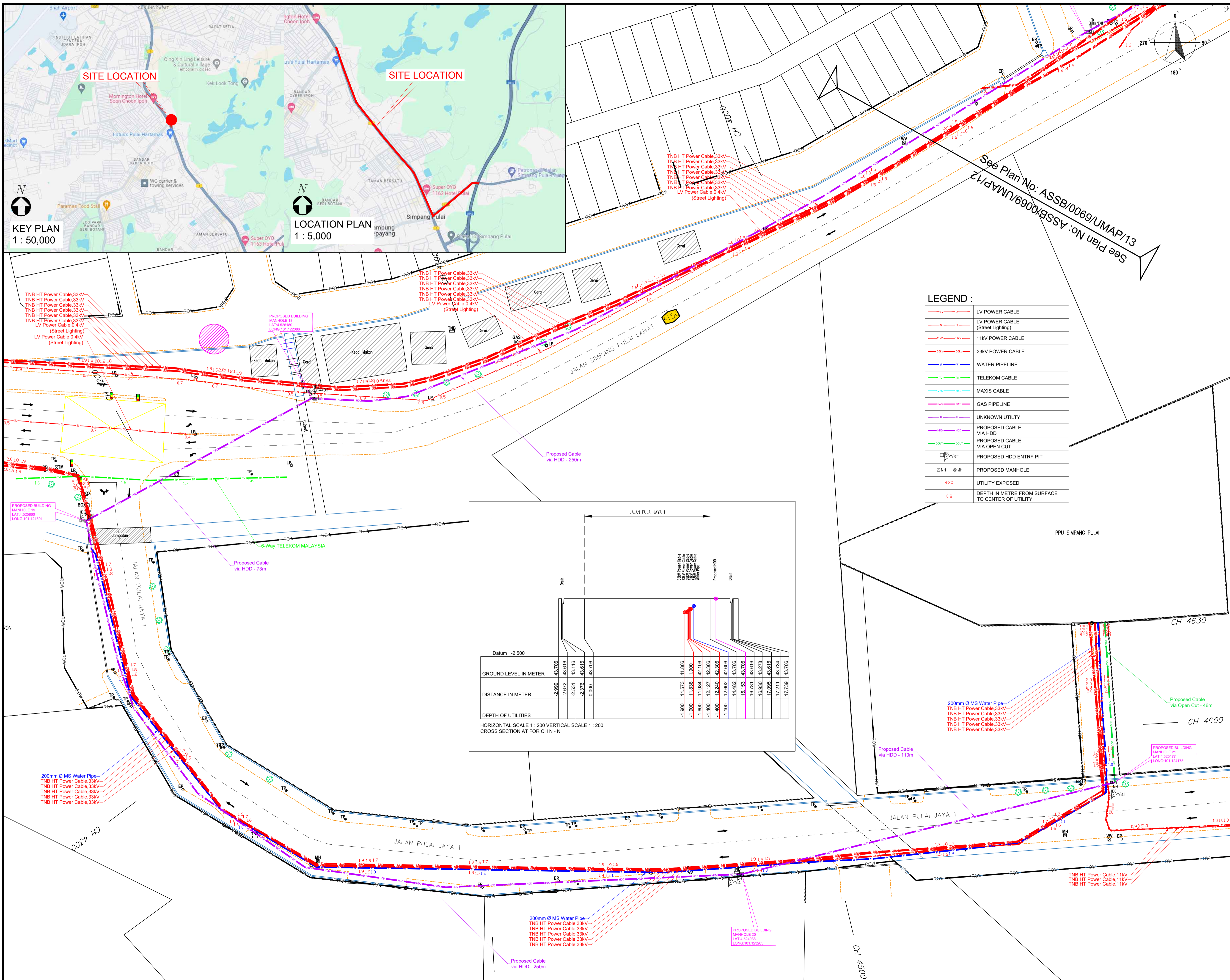
DESIGNED BY: TEAM 1
CHECKED BY: DINISHWARAN

APPROVED BY:
PREPARED BY: HAFIZ

SCALE: 1:500
UNITS: METER
DATE: JULY 2024

DRAWING / FILE No.: ASSB/24/UMAP/12
REVISION No.: 0

CAD FILE No.: PMU GOPENG_0069.DWG



LEGEND :

[Symbol]	LV POWER CABLE
[Symbol]	LV POWER CABLE (Street Lighting)
[Symbol]	11kV POWER CABLE
[Symbol]	33kV POWER CABLE
[Symbol]	WATER PIPELINE
[Symbol]	TELEKOM CABLE
[Symbol]	MAXIS CABLE
[Symbol]	GAS PIPELINE
[Symbol]	UNKNOWN UTILITY
[Symbol]	PROPOSED CABLE VIA HDD
[Symbol]	PROPOSED CABLE VIA OPEN CUT
[Symbol]	PROPOSED HDD ENTRY PIT
[Symbol]	PROPOSED MANHOLE
[Symbol]	UTILITY EXPOSED
[Symbol]	DEPTH IN METRE FROM SURFACE TO CENTER OF UTILITY

AUTHORITY:

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DESIGNED BY: TEAM 1 CHECKED BY: DINISHWARAN

APPROVED BY: PREPARED BY: HAFIZ

SCALE: 1:500 UNITS: METER DATE: JULY 2024

DRAWING / FILE No.: ASSB/24/UMAP/14 REVISION No.: 0

CAD FILE No.: PMU GOPENG_0069.DWG