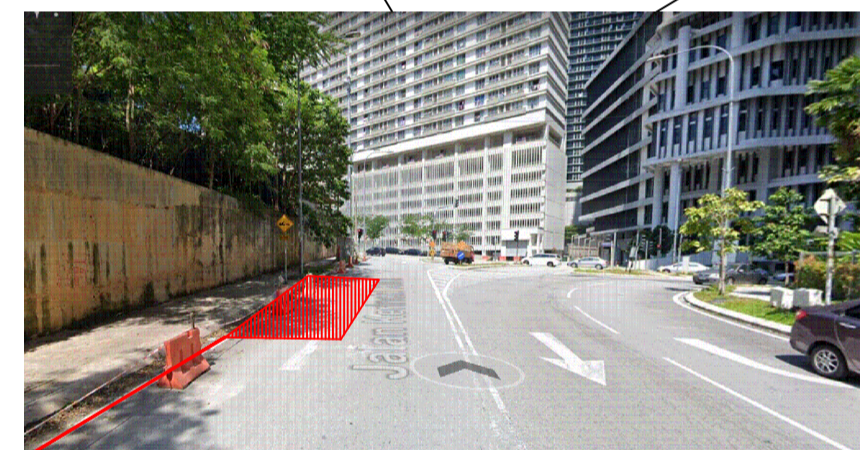
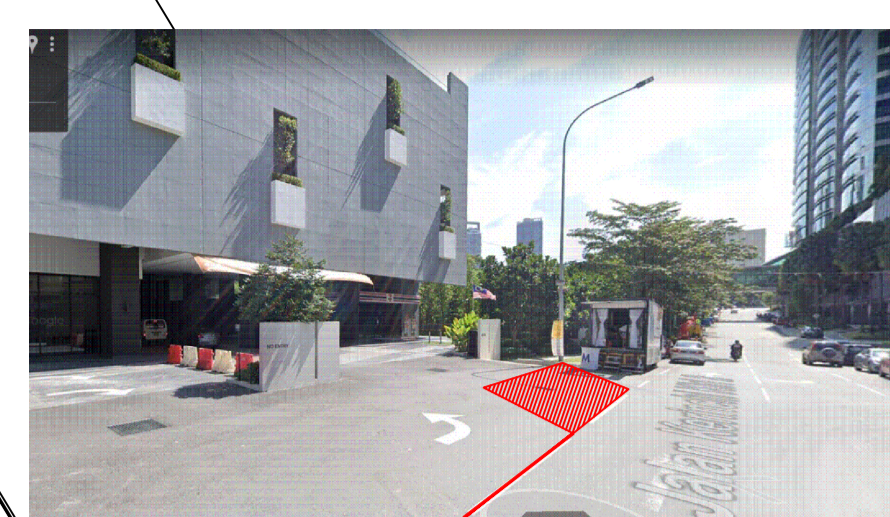
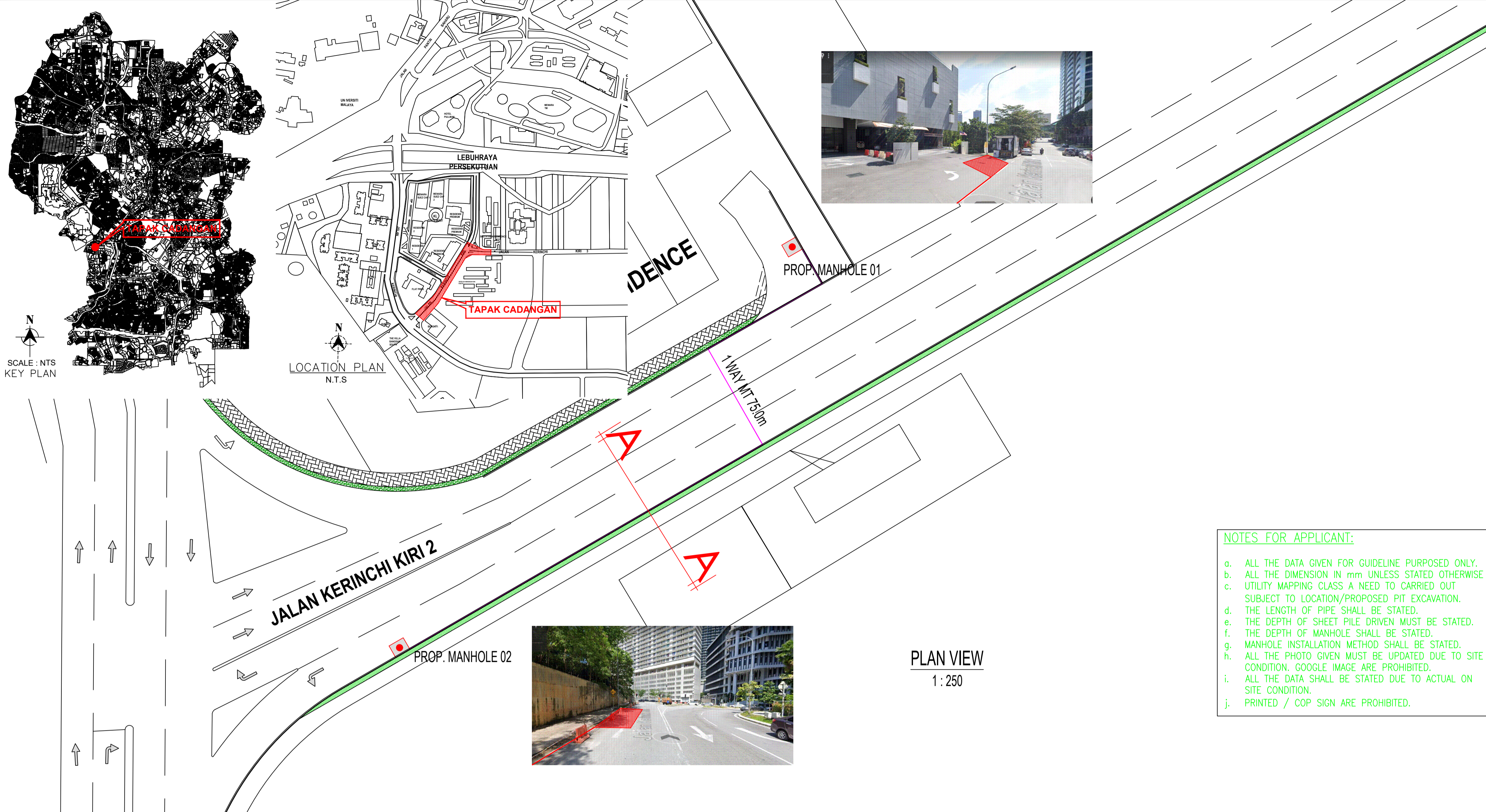


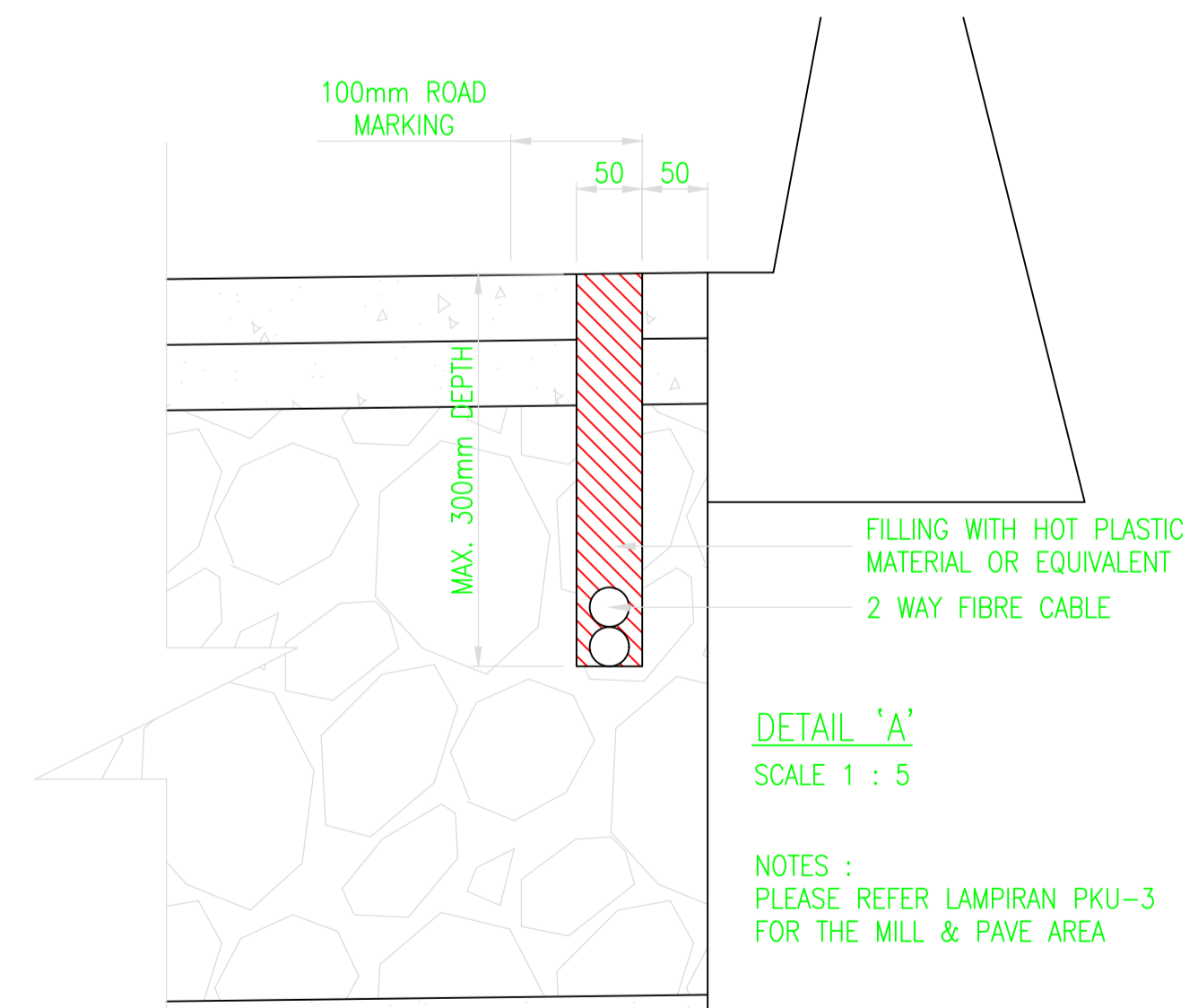
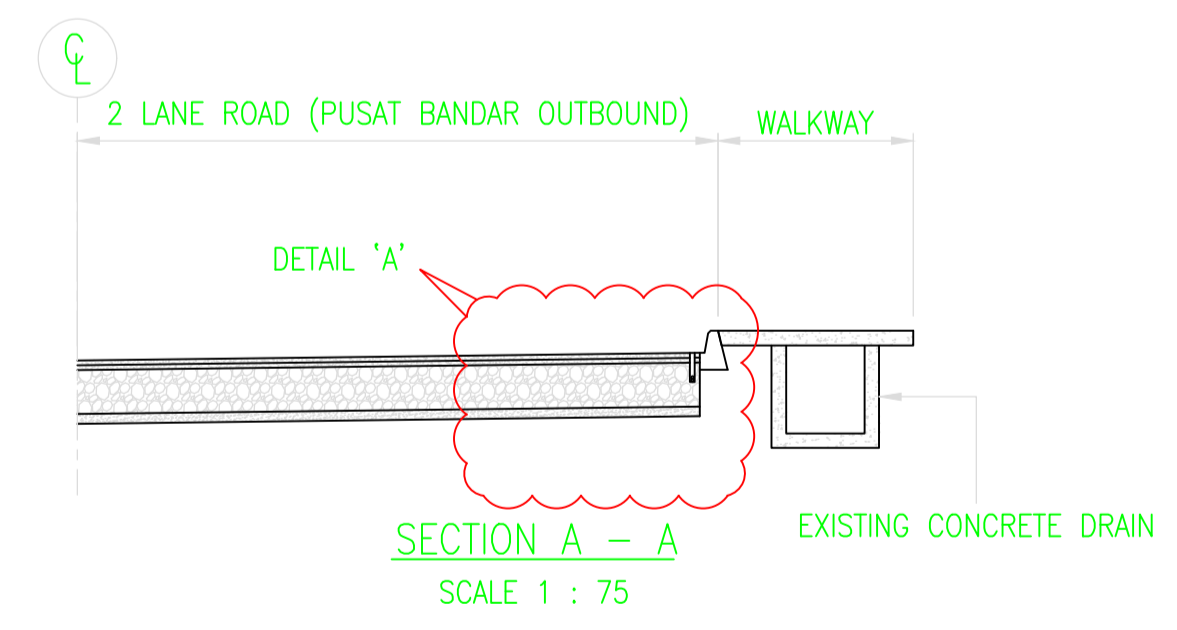
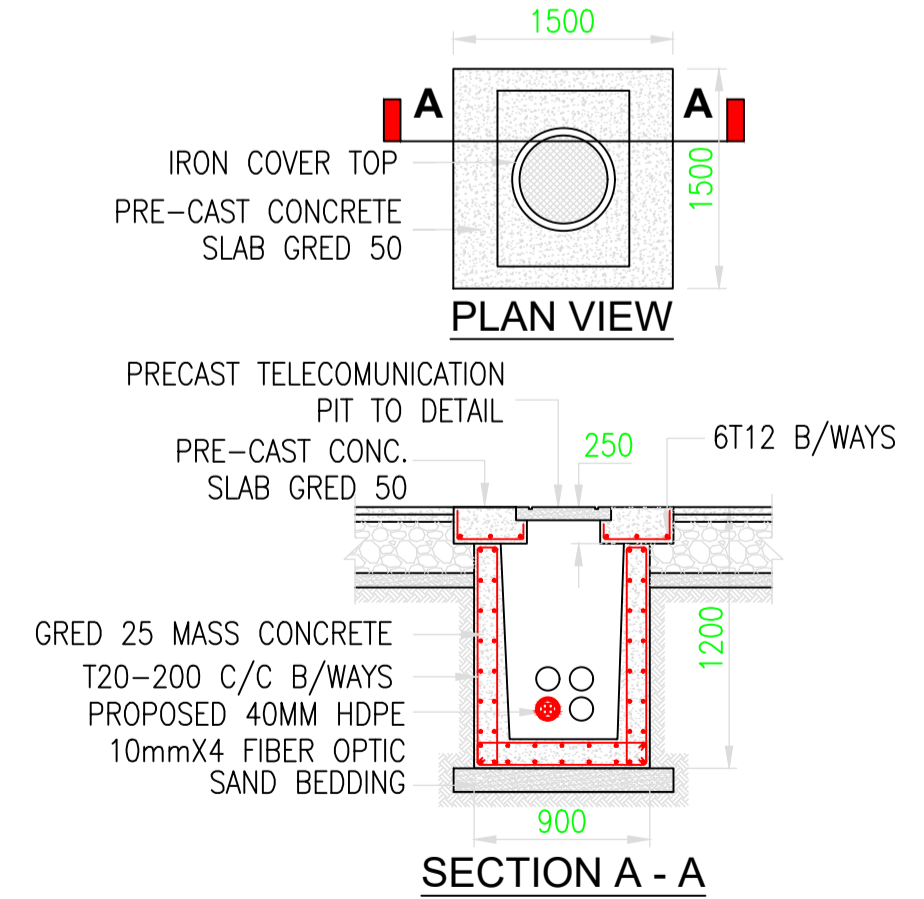
LAMPIRAN PKU-2  
UNIT PERMIT UTILITI  
JABATAN KEJURUTERAAN AWAM & SALIRAN  
DEWAN BANDARAYA KUALA LUMPUR



- NOTES FOR APPLICANT:**
- ALL THE DATA GIVEN FOR GUIDELINE PURPOSED ONLY.
  - ALL THE DIMENSION IN mm UNLESS STATED OTHERWISE
  - UTILITY MAPPING CLASS A NEED TO CARRIED OUT SUBJECT TO LOCATION/PROPOSED PIT EXCAVATION.
  - THE LENGTH OF PIPE SHALL BE STATED.
  - THE DEPTH OF SHEET PILE DRIVEN MUST BE STATED.
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  - MANHOLE INSTALLATION METHOD SHALL BE STATED.
  - ALL THE PHOTO GIVEN MUST BE UPDATED DUE TO SITE CONDITION. GOOGLE IMAGE ARE PROHIBITED.
  - ALL THE DATA SHALL BE STATED DUE TO ACTUAL ON SITE CONDITION.
  - PRINTED / COP SIGN ARE PROHIBITED.

**PLAN VIEW**  
1 : 250

**TYPES OF MANHOLE : (N.T.S)**  
**PROPOSED PRECAST MANHOLE JRC7 (TELECOMMUNICATION)**

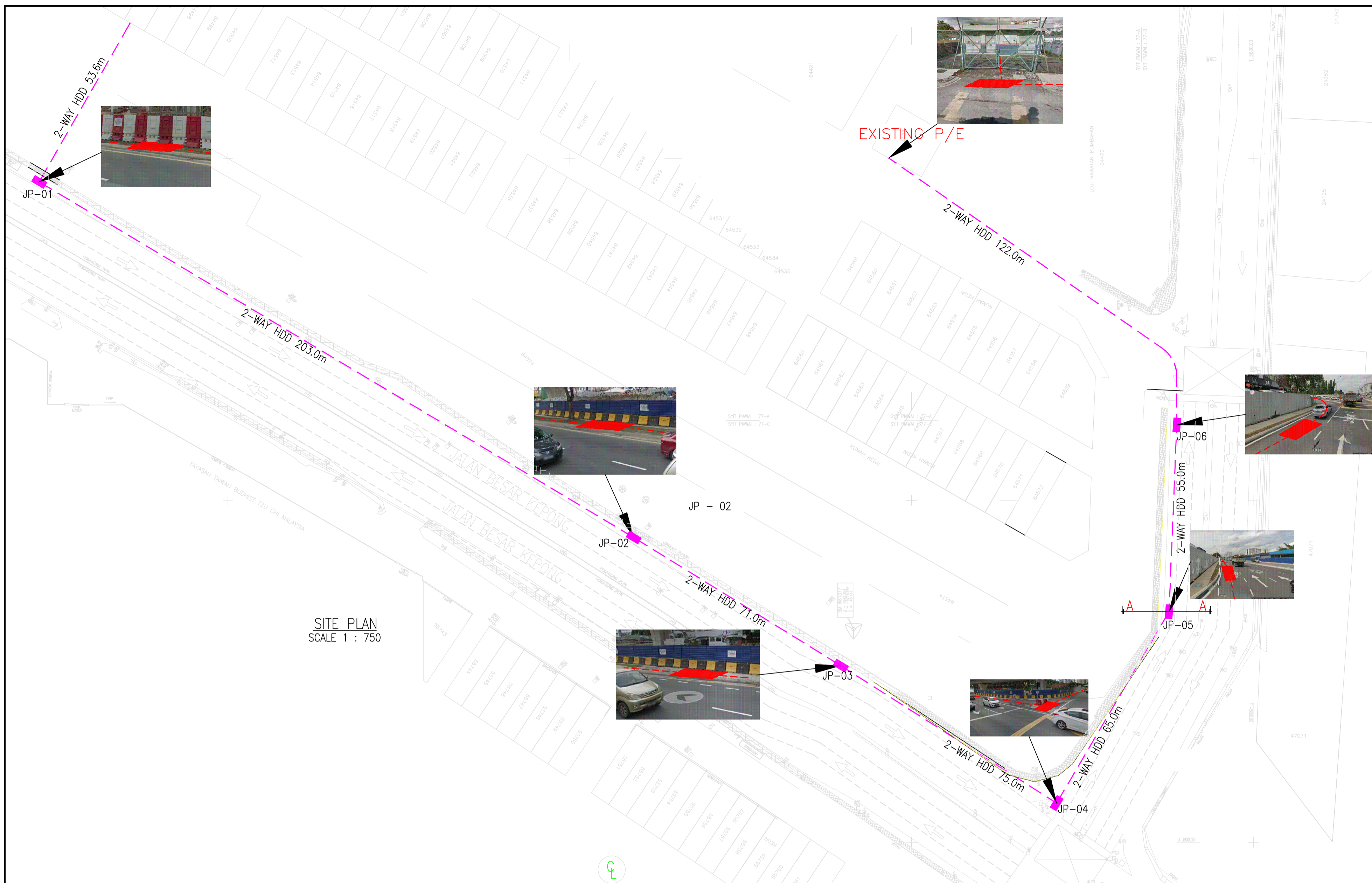


**DETAIL 'A'**  
SCALE 1 : 5

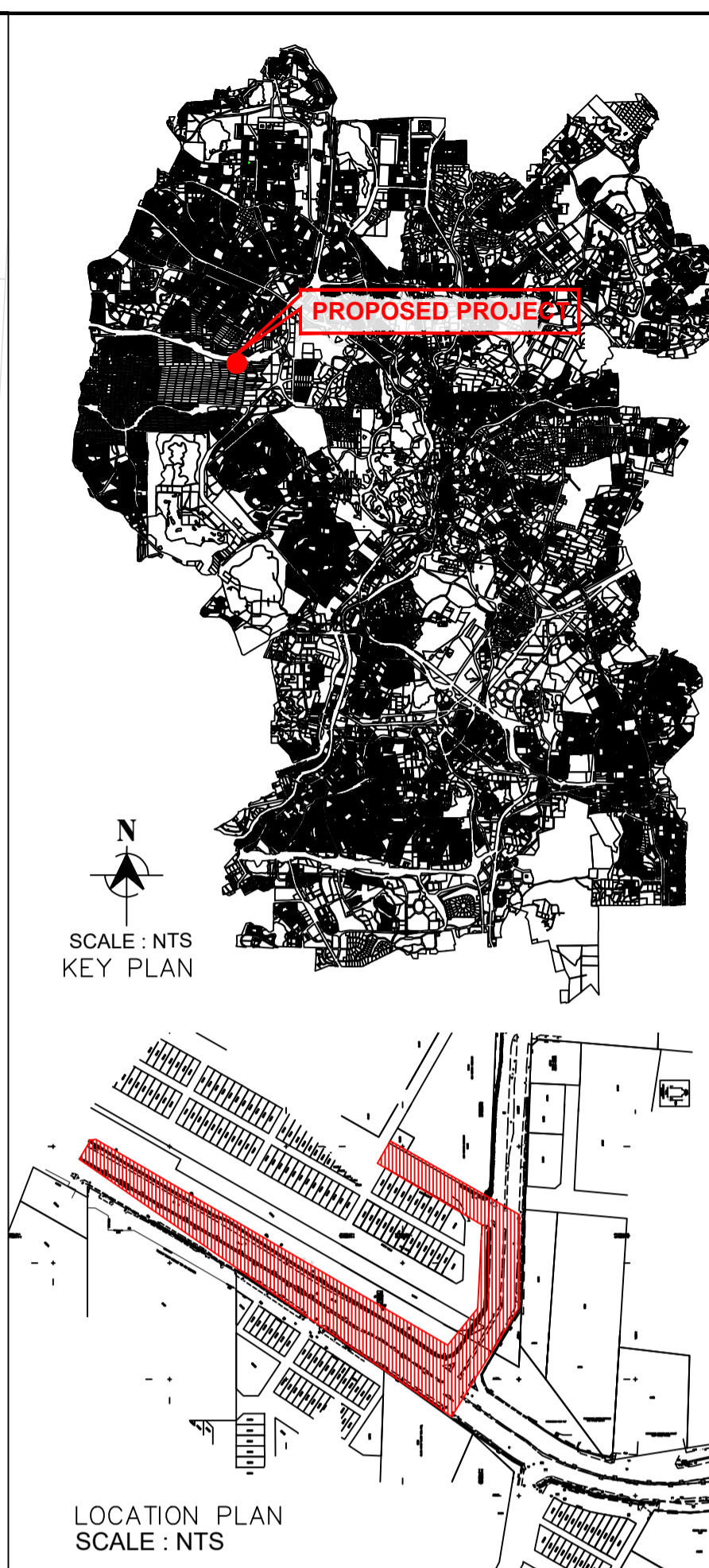
NOTES :  
PLEASE REFER LAMPIRAN PKU-3 FOR THE MILL & PAVE AREA

<b>AUTHORITY :</b>	
<b>KOSONGKAN UNTUK COP KELULUSAN DBKL</b>	
<b>PROJECT TITLE:</b>	
CADANGAN KOREKAN PIPE JACKING UNTUK MERENTANG (SILA NYATAKAN JENIS UTILITI) SEPANJANG (SILA NYATAKAN PANJANG KESELURUHAN) DI JALAN (SILA NYATAKAN NAMA JALAN DAN KAWASAN YANG TERLIBAT)	
<b>PROJECT TITLE FOR DEVELOPEMENT ORDER (DO) : (IF ANY)</b>	
<b>DRAWING TITLE:</b>	
<b>PROPOSED DRAWING</b> - KEY PLAN - LOCATION PLAN - SITE PLAN - SECTION A - A - DETAIL 'A' - TYPICAL MANHOLE DETAIL	
<b>PROJECT OWNER :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<b>PROPERTIES AKU SDN BHD (CO. NO. 360777-M)</b> No. 8 3rd Floor Jalan Segambut 51200 Kuala Lumpur tel no 03 xxxx xxxx fax no 03 xxxx xxxx	
<b>CIVIL &amp; STRUCTURE CONSULTANT :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
 PERUNDING KEJURUTERAAN CIVIL STRUKTUR (360777-V) Jalan Damar SD 15/1 Bandar Sri Damansara 52200 Kuala Lumpur Tel : 03 xxxx xxxx fax : 03 xxxx xxxx	
I HEREBY CERTIFY THAT THESE WORKS HAVE BEEN DESIGNED BY ME IN ACCORDANCE WITH SOUND ENGINEERING PRACTICE AND THAT I TAKE FULL RESPONSIBILITY FOR THE DESIGN AND PROPER PERFORMANCE OF THE SAME.	
<b>MAIN CONTRACTOR :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<b>PEMBENAAAN ABC SDN BHD (360777-K)</b> JALAN USJ 21/3, 47630 SUBANG JAYA, SELANGOR DARUL EHSAN tel no. 03 xxxx xxxx fax: 03 xxxx xxxx	
<b>MICROTRENCHING SPECIALIST :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<b>MIKRO CABLE SB (360777 - M)</b> JALAN ANGGERIK VILLA M 31/M, KOTA KEMUNING, SEKSYEN 31, 404060 SHAH ALAM, SELANGOR TEL NO. 03 - xxxx xxxx FAX 03 - xxxx xxxx	
SCALE	AS SHOWN
DRAWN	MFMA
CHECKED	ZZA
APPROVED	IR. RT
DATE ISSUE	JANUARI 2021
DATE REVISED	
DRAWING NO. :	LAMPIRAN PKU-2 / MICROTRENCHING

FOR GUIDLINES ONLY



SITE PLAN  
SCALE 1 : 750



SCALE : NTS  
KEY PLAN

LOCATION PLAN  
SCALE : NTS

AUTHORITY :

**KOSONGKAN UNTUK  
COP KELULUSAN DBKL**

PROJECT TITLE:  
CADANGAN KOREKAN HDD UNTUK MERENTANG  
(SILA NYATAKAN JENIS UTILITI) SEPANJANG  
(SILA NYATAKAN PANJANG KESELURUHAN) DI JALAN  
(SILA NYATAKAN NAMA JALAN DAN KAWASAN YANG TERLIBAT)  
PROJECT TITLE FOR DEVELOPEMENT ORDER (DO) : (IF ANY)

DRAWING TITLE:  
PROPOSED DRAWING  
- KEY PLAN  
- LOCATION PLAN  
- SITE PLAN  
- SECTION A - A  
- DETAIL 'A'  
- TYPICAL TYPES OF MANHOLE

PROJECT OWNER:  
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**PROPERTIES AKU Sdn Bhd (co. no. 360777-M)**  
No. 8 3rd Floor  
Jalan Segambut  
51200 Kuala Lumpur  
tel no 03 xxxx xxxx fax no 03 xxxx xxxx

CIVIL & STRUCTURE CONSULTANT:  
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.



PERUNDING KEJURUTERAAN CIVIL STRUKTUR (360777-V)  
Jalan Damar SD 15/1  
Bandar Sri Damansara  
52200 Kuala Lumpur  
Tel : 03 xxxx xxxx fax : 03 xxxx xxxx

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

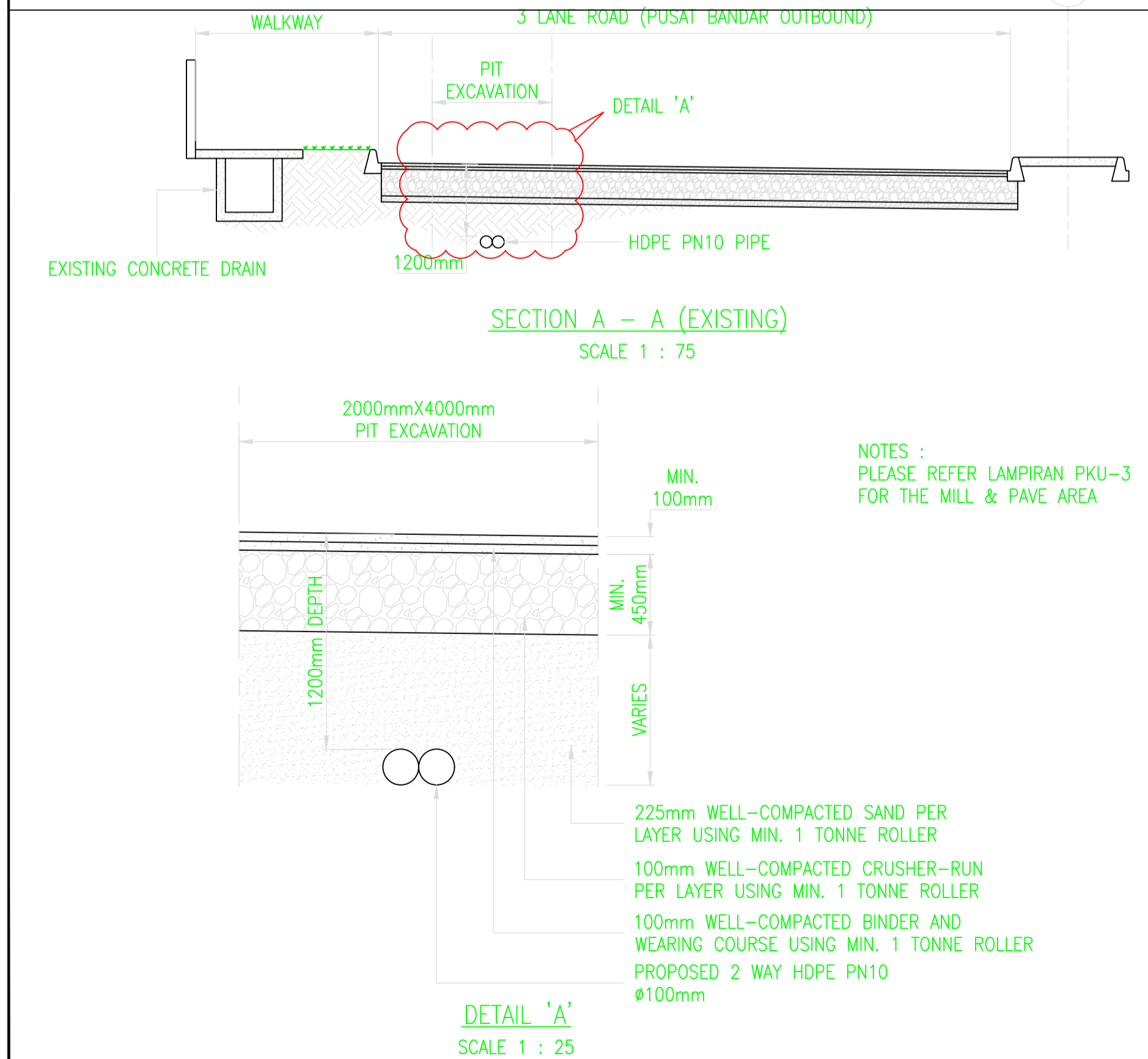
MAIN CONTRACTOR:  
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**PEMBENAAAN ABC SDN BHD (360777-K)**  
JALAN USJ 21/3,  
47630 SUBANG JAYA,  
SELANGOR DARUL EHSAN  
tel no. 03 xxxx xxxx fax: 03 xxxx xxxx

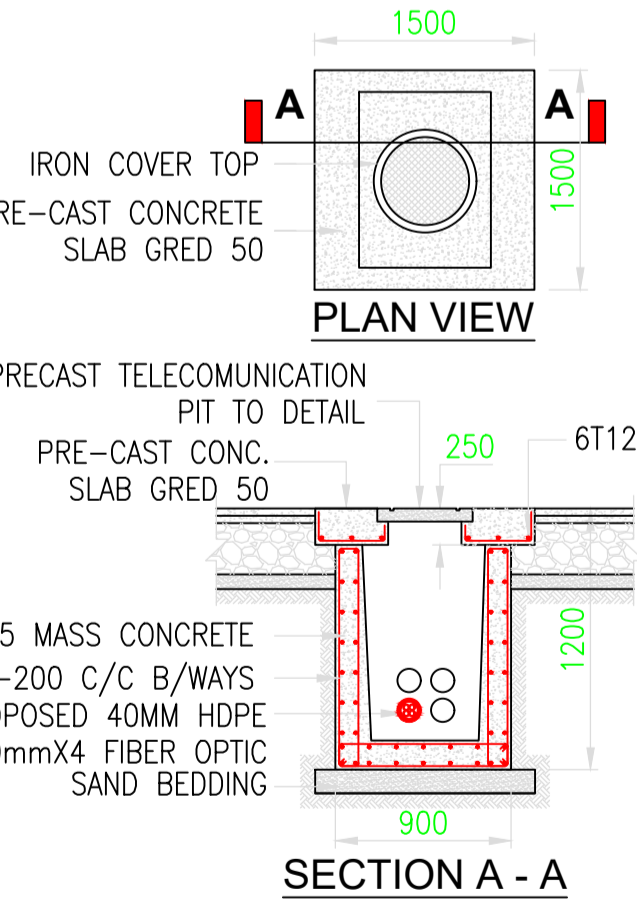
HORIZONTAL DIRECTION DRILL (HDD) SPECIALIST:  
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**HDD ENGINEERING SB (360777 - M)**  
JALAN ANGERIK VILLA M 31/M,  
KOTA KEMUNING, SEKSYEN 31,  
404060 SHAH ALAM, SELANGOR  
TEL NO. 03 - xxxx xxxx FAX 03 - xxxx xxxx

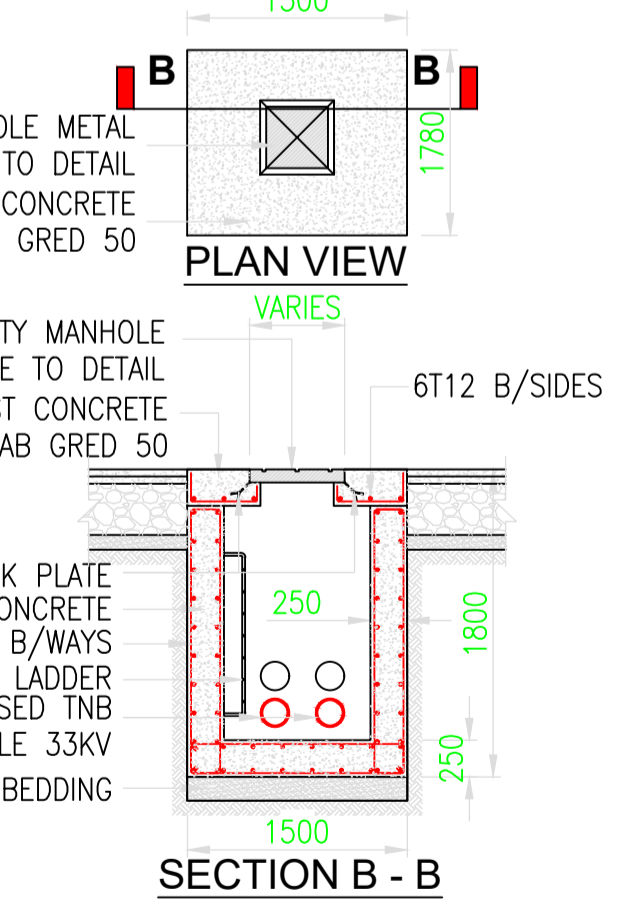
SCALE	AS SHOWN
DRAWN	MFMA
CHECKED	ZZA
APPROVED	IR, RT
DATE ISSUE	JANUARI 2021
DATE REVISID	
DRAWING NO. :	
LAMPIRAN PKU-2 / HORIZONTAL DIRECTIONAL DRILLING	



**TYPICAL TYPES OF MANHOLE : (N.T.S)**  
**PROPOSED PRECAST MANHOLE JRC7 (TELECOMMUNICATION)**

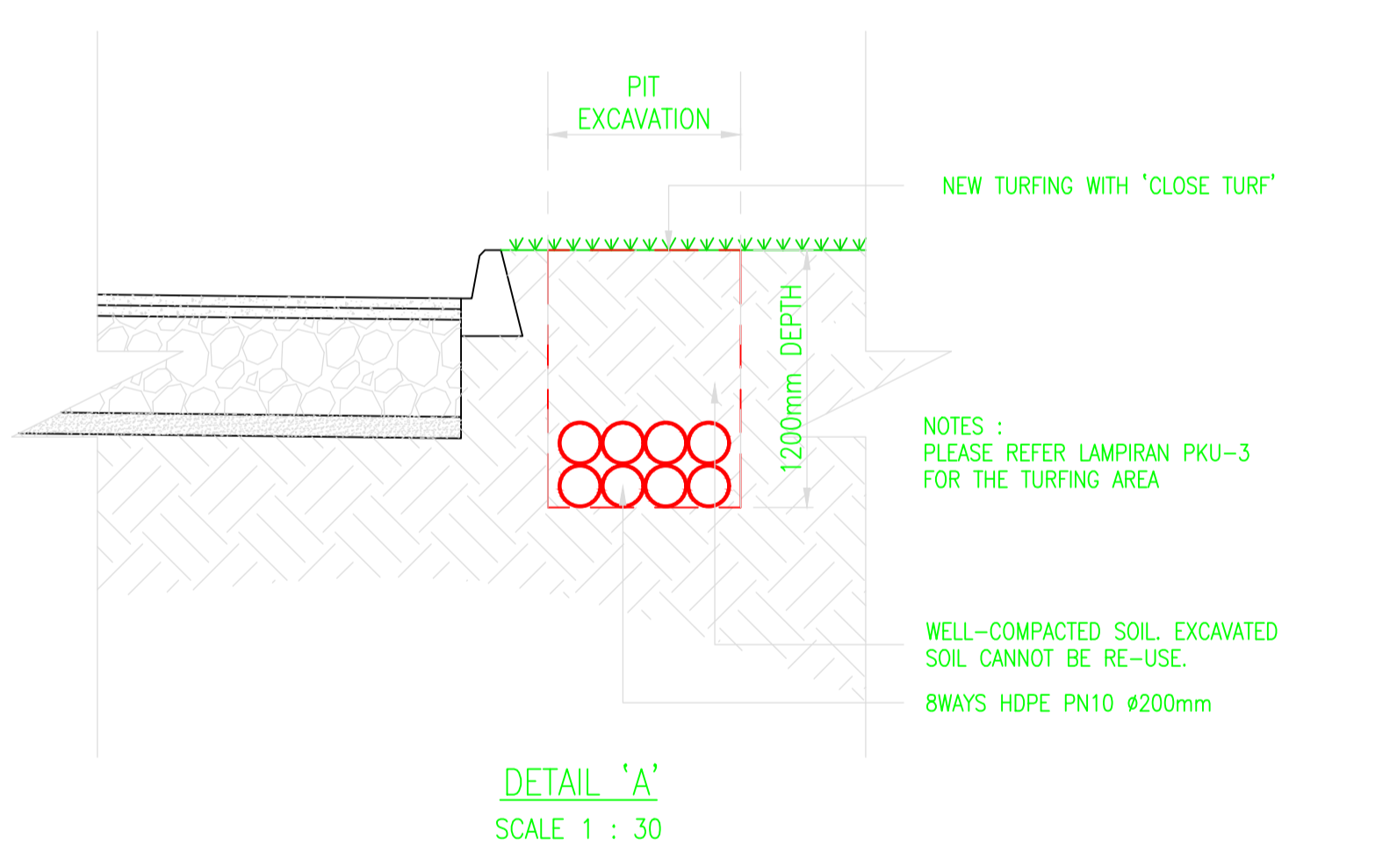
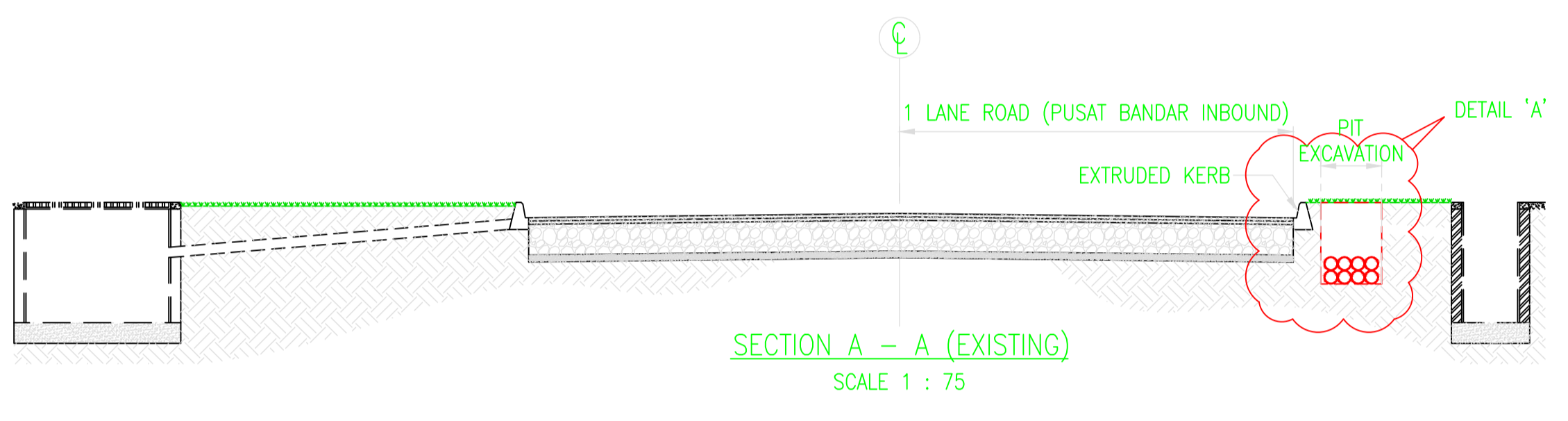
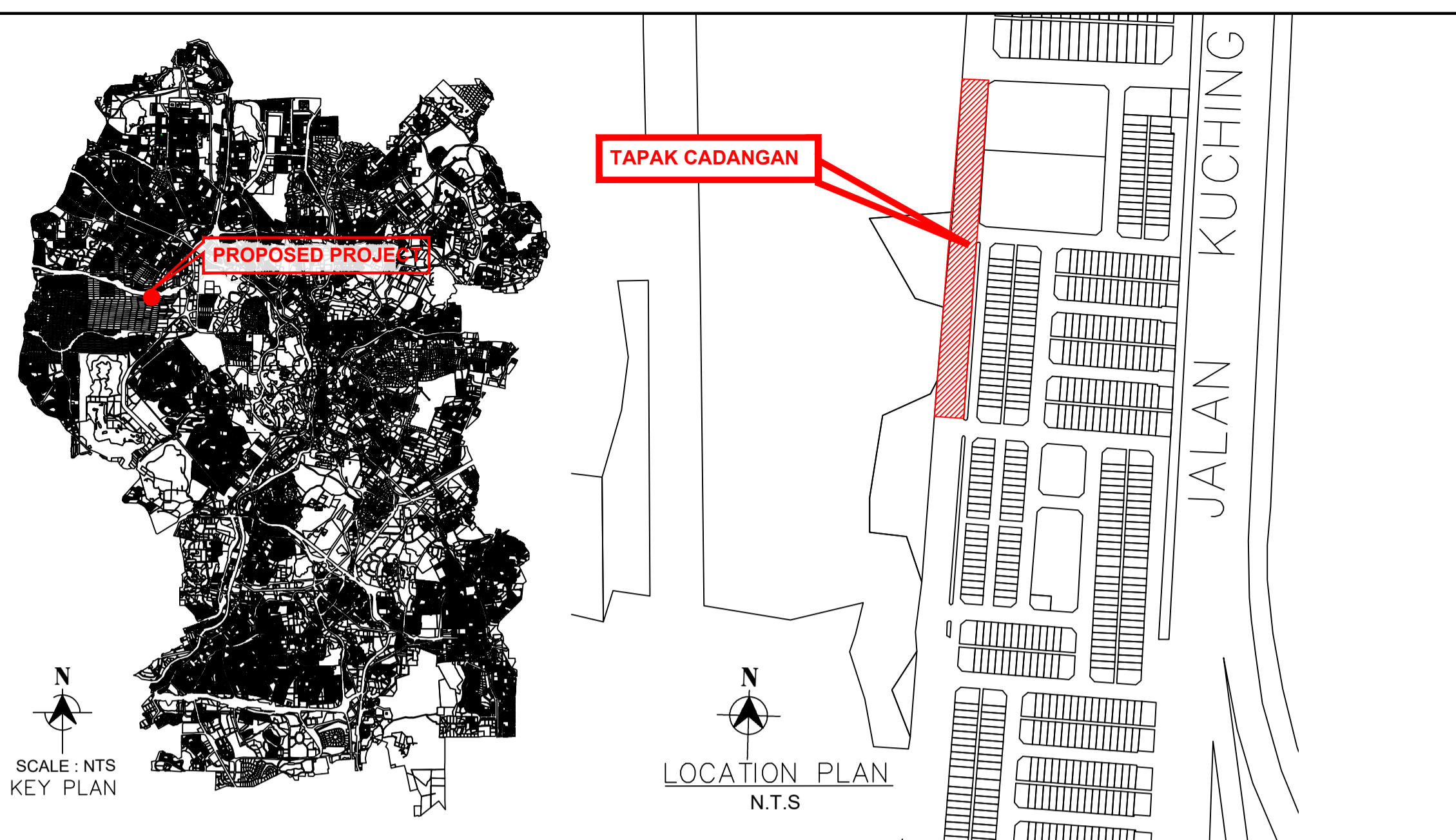
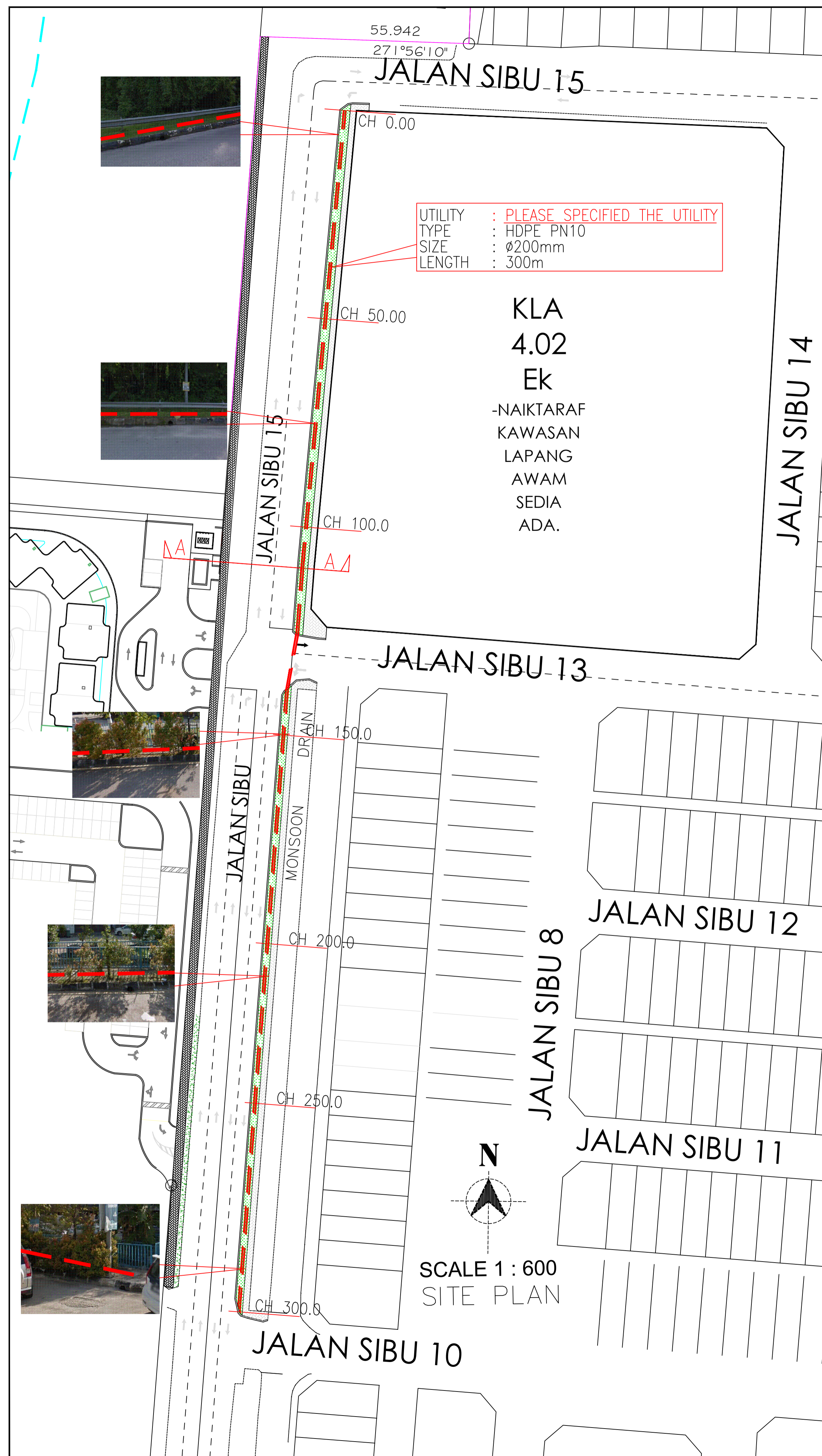


**PROPOSED PRECAST MANHOLE (ELECTRICAL)**



- NOTES FOR APPLICANT:**
- ALL THE DATA GIVEN FOR GUIDELINE PURPOSED ONLY.
  - ALL THE DIMENSION IN mm UNLESS STATED OTHERWISE
  - UTILITY MAPPING CLASS A NEED TO CARRIED OUT SUBJECT TO LOCATION/PROPOSED PIT EXCAVATION.
  - THE LENGTH OF PIPE SHALL BE STATED.
  - THE DEPTH OF SHEET PILE DRIVEN MUST BE STATED.
  - THE DEPTH OF MANHOLE SHALL BE STATED.
  - MANHOLE INSTALLATION METHOD SHALL BE STATED.
  - ALL THE PHOTO GIVEN MUST BE UPDATED DUE TO SITE CONDITION. GOOGLE IMAGE ARE PROHIBITED.
  - ALL THE DATA SHALL BE STATED DUE TO ACTUAL ON SITE CONDITION.
  - PRINTED / COP SIGN ARE PROHIBITED.

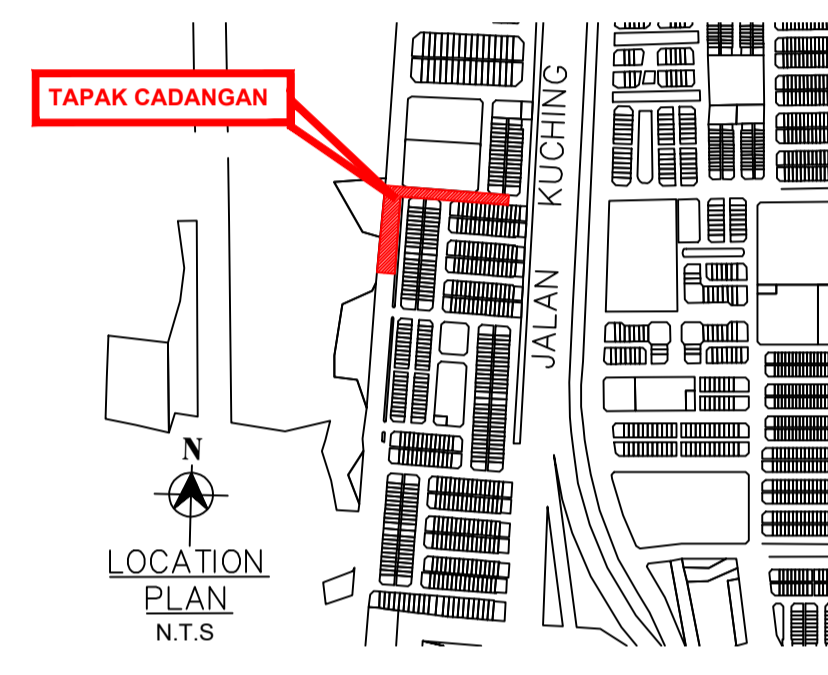
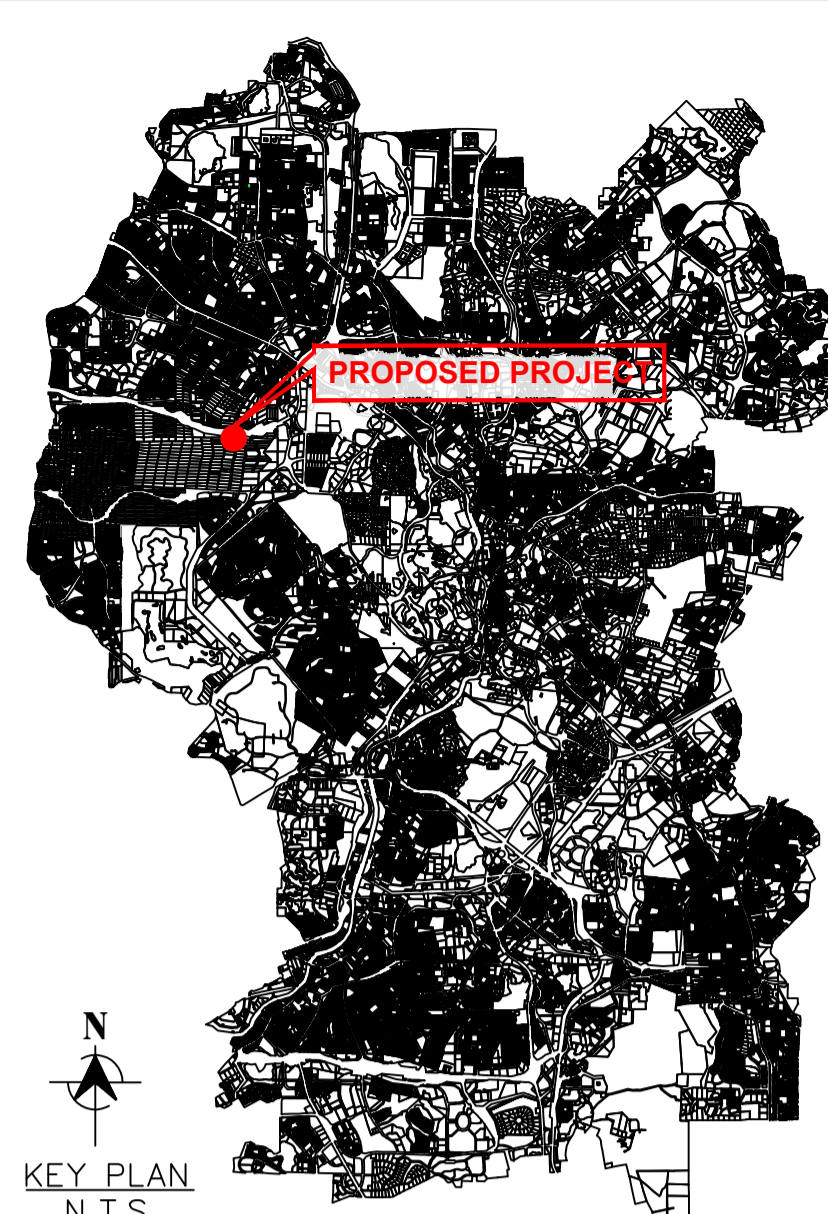
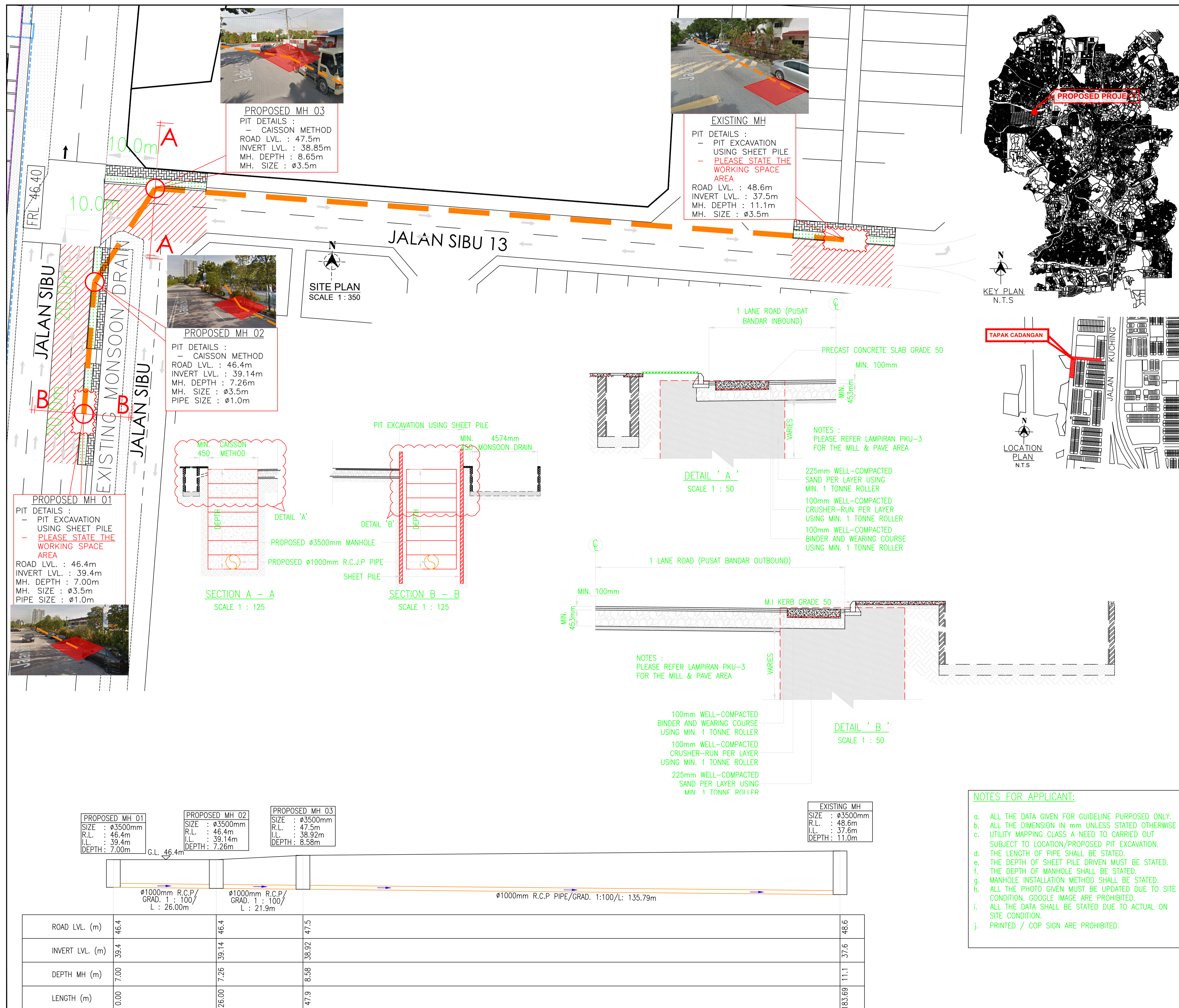
FOR GUIDELINES ONLY



- NOTES FOR APPLICANT:**
- ALL THE DATA GIVEN FOR GUIDELINE PURPOSED ONLY.
  - ALL THE DIMENSION IN mm UNLESS STATED OTHERWISE
  - UTILITY MAPPING CLASS A NEED TO CARRIED OUT SUBJECT TO LOCATION/PROPOSED PIT EXCAVATION.
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  - THE DEPTH OF SHEET PILE DRIVEN MUST BE STATED.
  - THE DEPTH OF MANHOLE SHALL BE STATED.
  - MANHOLE INSTALLATION METHOD SHALL BE STATED.
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  - ALL THE DATA SHALL BE STATED DUE TO ACTUAL ON SITE CONDITION.
  - PRINTED / COP SIGN ARE PROHIBITED.

<b>AUTHORITY :</b>	
<b>KOSONGKAN UNTUK COP KELULUSAN DBKL</b>	
<b>PROJECT TITLE:</b>	
CADANGAN KOREKAN TERBUKA UNTUK MERENTANG (SILA NYATAKAN JENIS UTILITI) SEPANJANG (SILA NYATAKAN PANJANG KESELURUHAN) DI JALAN (SILA NYATAKAN NAMA JALAN DAN KAWASAN YANG TERLIBAT)	
<b>PROJECT TITLE FOR DEVELOPEMENT ORDER (DO) : (IF ANY)</b>	
<b>DRAWING TITLE:</b>	
<b>PROPOSED DRAWING</b> - KEY PLAN - LOCATION PLAN - SITE PLAN - SECTION A - A - DETAIL ' A '	
<b>PROJECT OWNER :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<p><b>PROPERTIES AKU SDN BHD (CO. NO. 360777-M)</b>          No. 8 3rd Floor          Jalan Segambut          51200 Kuala Lumpur          tel no 03 xxxx xxxx fax no 03 xxxx xxxx</p>	
<b>CIVIL &amp; STRUCTURE CONSULTANT :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<p>PERUNDING KEJURUTERAAN CIVIL STRUKTUR (360777-V)          Jalan Damar SD 15/1          Bandar Sri Damansara          52200 Kuala Lumpur          Tel : 03 xxxx xxxx fax : 03 xxxx xxxx</p>	
I HEREBY CERTIFY THAT THESE WORKS HAVE BEEN DESIGNED BY ME IN ACCORDANCE WITH SOUND ENGINEERING PRACTICE AND THAT I TAKE FULL RESPONSIBILITY FOR THE DESIGN AND PROPER PERFORMANCE OF THE SAME.	
<b>MAIN CONTRACTOR :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<p><b>PEMBENAAN ABC SDN BHD (360777-K)</b>          JALAN USJ 21/3,          47630 SUBANG JAYA,          SELANGOR DARUL EHSAN          tel no. 03 xxxx xxxx fax: 03 xxxx xxxx</p>	
<b>SPECIALIST :</b>	
Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.	
<p><b>LUBANG GALI CONSTRUCT SB (360777 - M)</b>          JALAN ANGERIK VILLA M 31/M,          KOTA KEMUNING, SEKSYEN 31,          404060 SHAH ALAM, SELANGOR          TEL NO. 03 - xxxx xxxx FAX 03 - xxxx xxxx</p>	
SCALE	AS SHOWN
DRAWN	MFMA
CHECKED	ZZA
APPROVED	IR. RT
DATE ISSUE	JANUARI 2021
DATE REVISED	
DRAWING NO. :	
LAMPIRAN PKU-2 / OPEN CUT	

FOR GUIDLINES ONLY



**AUTHORITY :**

**PROJECT TITLE :**

CADANGAN KOREKAN PIPE JACKING UNTUK MERENTANG (SILA NYATAKAN JENIS UTILITI) SEPANJANG (SILA NYATAKAN PANJANG KESELURUHAN) DI JALAN (SILA NYATAKAN NAMA JALAN DAN KAWASAN YANG TERLIBAT)

**PROJECT TITLE FOR DEVELOPEMENT ORDER (DO) : (IF ANY)**

**DRAWING TITLE :**

**PROPOSED DRAWING** - LONGITUDINAL PIPE JACKING SECTION

- KEY PLAN
- LOCATION PLAN
- SITE PLAN
- SECTION A - A
- SECTION B - B
- DETAIL 'A'
- DETAIL 'B'

**PROJECT OWNER :**

Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**PROPERTIES AKU SDN BHD (co. no. 360777-M)**  
 No. 8 3rd Floor  
 Jalan Segambut  
 51200 Kuala Lumpur  
 tel no 03 xxxx xxxx fax no 03 xxxx xxxx

**CIVIL & STRUCTURE CONSULTANT :**

Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**JURUTERA PROFESIONAL AWAM**  
 IR RUSNIA SITI TALIB  
 115552  
 MALAYSIA

PERUNDING KEJURUTERAAN CIVIL STRUKTUR (360777-V)  
 Jalan Damar SD 15/1  
 Bandar Sri Damansara  
 52200 Kuala Lumpur  
 Tel : 03 xxxx xxxx fax : 03 xxxx xxxx

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

**MAIN CONTRACTOR :**

Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**PEMBENANA ABC SDN BHD (360777-K)**  
 JALAN USJ 21/3,  
 47630 SUBANG JAYA,  
 SELANGOR DARUL EHSAN  
 tel no. 03 xxxx xxxx fax: 03 xxxx xxxx

**PIPE JACKING SPECIALIST :**

Saya bersetuju untuk bertanggungjawab sepenuhnya bagi mematuhi syarat - syarat permit untuk melakukan kerja di dalam rezab jalan awam sahaja.

**JACK PIPE CONSTRUCTION SB (360777-M)**  
 JALAN ANGGERIK VILLA M 31/M,  
 KOTA KEMUNING, SEKSYEN 31,  
 404060 SHAH ALAM, SELANGOR  
 TEL NO. 03 - xxxx xxxx FAX 03 - xxxx xxxx

**SCALE** AS SHOWN

**DRAWN** MFMA

**CHECKED** ZZA

**APPROVED** IR, RT

**DATE ISSUE** JANUARI 2021

**DATE REVISID**

**DRAWING NO. :**

LAMPIRAN PKU-2 / PIPE JACKING

**KOSONGKAN UNTUK COP KELULUSAN DBKL**

- NOTES FOR APPLICANT:**
- ALL THE DATA GIVEN FOR GUIDELINE PURPOSED ONLY.
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  - ALL THE DATA SHALL BE STATED DUE TO ACTUAL ON SITE CONDITION.
  - PRINTED / COP SIGN ARE PROHIBITED.

	PROPOSED MH 01	PROPOSED MH 02	PROPOSED MH 03	EXISTING MH
ROAD LVL. (m)	46.4	46.4	47.5	48.6
INVERT LVL. (m)	39.4	39.14	38.92	37.6
DEPTH MH (m)	7.00	7.26	8.58	11.1
LENGTH (m)	0.00	26.00	47.9	183.69

FOR GUIDELINES ONLY