## UUM DEMARCATION PART 1 OF 2

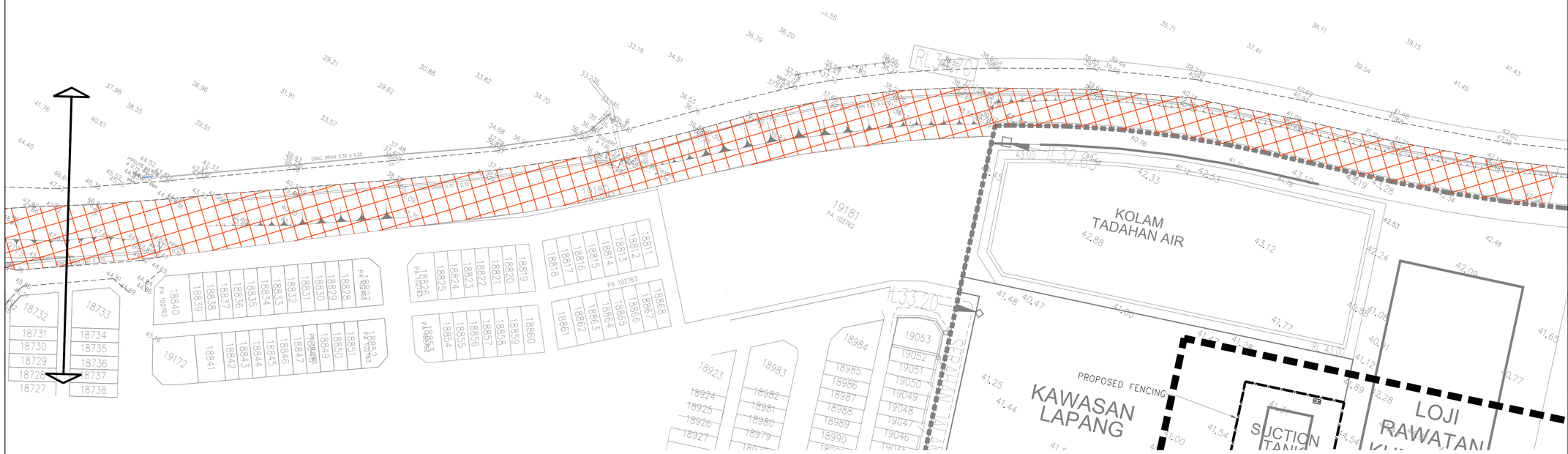
NOTES FOR WATER PIPELINE CONTRACTOR:–

1. CONTRACTOR SHALL CARRY OUT UNDERGROUND UTILITY DETECTION SURVEY USING COMBINATION OF ELECTROMAGNETIC LOCATER (EML) AND GROUND PENETRATING RADAR (GPR) PRIOR TO ANY EXCAVATION WORKS.

2. ALL DETECTED UTILITIES/SERVICES SHALL BE MARKED AND SURVEYED.

3. CONTRACTOR SHALL CARRY OUT TRIAL PITS (TRIAL HOLES) TO VERIFY ACTUAL LOCATION AND DEPTH AT THE FOLLOWING LOCATIONS:
   a.) ALL UTILITY CROSSINGS
   b.) ALL JUNCTIONS/INTERSECTIONS OF PROPOSED SERVICES
   c.) AT LOCATIONS INSTRUCTED BY ENGINEER.

4. ANY DAMAGE TO EXISTING UTILITIES ARISING FROM FAILURE TO CARRY OUT ADEQUATE DETECTION (EML/GPR) AND VERIFICATION (TRIAL PITS) SHALL BE BORNE ENTIRELY BY THE CONTRACTOR, AND NO ADDITIONAL COST OR TIME SHALL BE ENTERTAINED.




## UUM DEMARCATION PART 2 OF 2

TAJUK PROJEK

CADANGAN SKIM PERUSAHAAN YANG MENGANDUNGI:-

I. 14 PLOT PERUSAHAAN
II. SATU UNIT PENCAWANG ELEKTRIK
III. KAWASAN LAPANG
IV. KOLAM TADAHAN AIR
V. REZAB ZON PENAMPAN
VI. SATU UNIT TANGKI AIR DAN PAM SEDUT
VII. SATU UNIT LOJI RAWATAN KUMBAHAN
VIII. REZAB JALAN
IX. SATU UNIT MENARA TELEKOMUNIKASI

DI ATAS LOT 20403 (PN 394962), SELUAS 103.71 EKAR, BEHRANG ULU, MUKIM HULU BERNAM TIMOR, DAERAH MUALLIM, PERAK DARUL RIDZUAN
BAGI: TG MALIM HI-TECH PARK SDN. BHD.

PEMEGANG PA

.....
NAN ANG RI XIANG
(IC NO. 930423-10-5025)
PENGARAH
TG MALIM Hi-TECH PARK SDN.BHD.
Unit 3A10 Block G, Phileo Damansara 1,
No.9 Jalan 16/11 Off Jalan Damansara,
46350 Petaling Jaya, Selangor.
No. Tel: 03-7932 2000 No. Fax: 03-7932 1000

PERUNDING C & S :
PERUNDING AYL
5-1 JALAN 109E, DESA BUSINESS PARK, TAMAN DESA, JALAN KLANG LAMA, 58100, KUALA LUMPUR.
TEL : 603-7972 0522

COP

AKUAN

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.

.....
TANDATANGAN

TAJUK LUKISAN :
WATER SUPPLY
UNDERGROUND UTILITY MAPPING (UUM) LAYOUT

| | |
|---|---|
| UKURAN : AS SHOWN | TARIKH : JAN 2026 |
| DILUKIS : NAS | DISEMAK : LHC |
| NOMBOR LUKISAN : 523/C/WS/UUM/01 | NOMBOR PINDAAN : ( – ) |