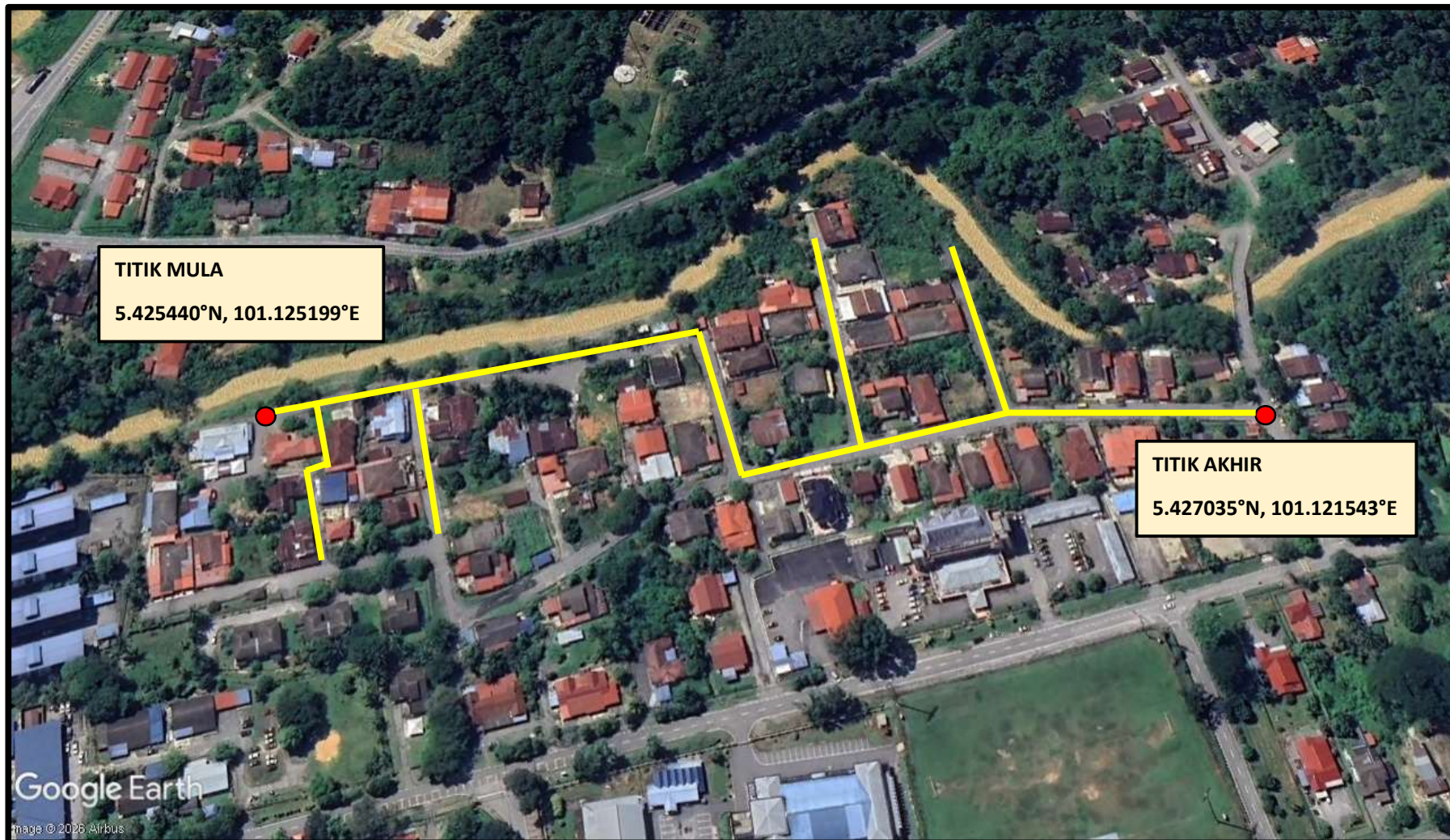
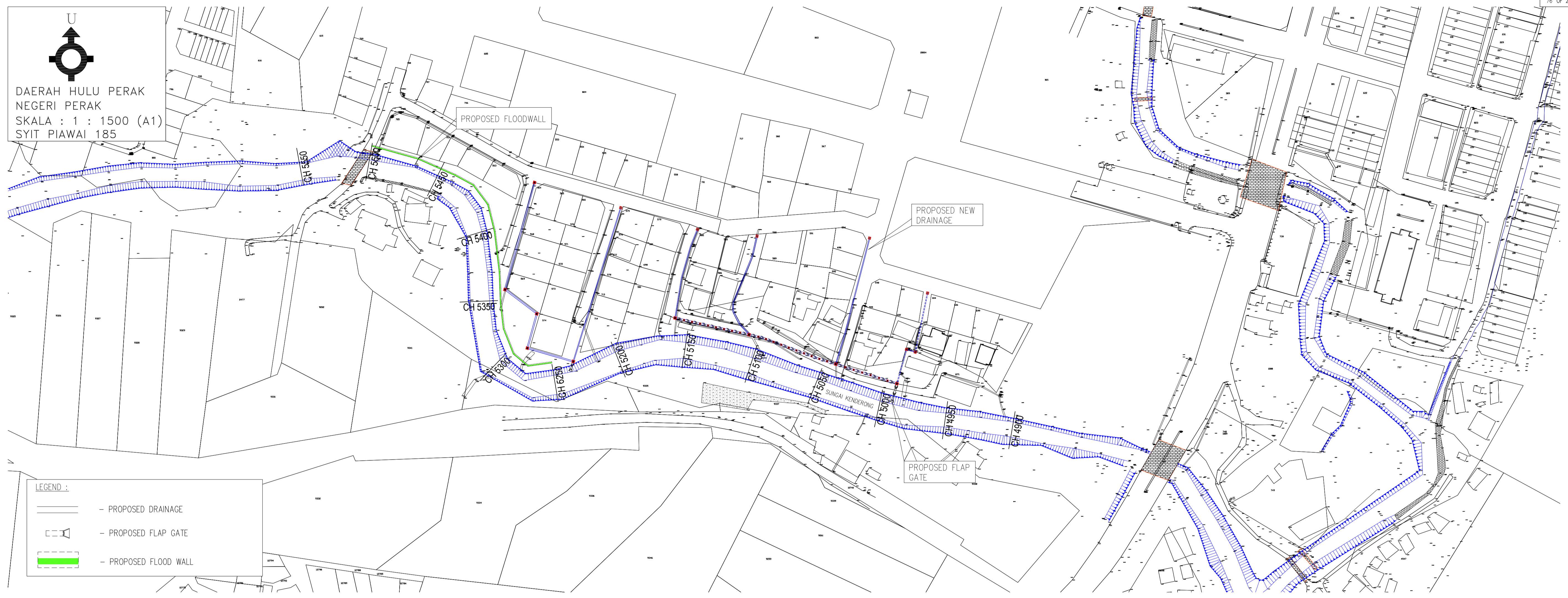


RANCANGAN TEBATAN BANJIR GERIK – KERJA-KERJA MENAIKTARAF SUNGAI KENDERONG DAN KERJA-KERJA LAIN YANG BERKAITAN DI DAERAH HULU PERAK, PERAK

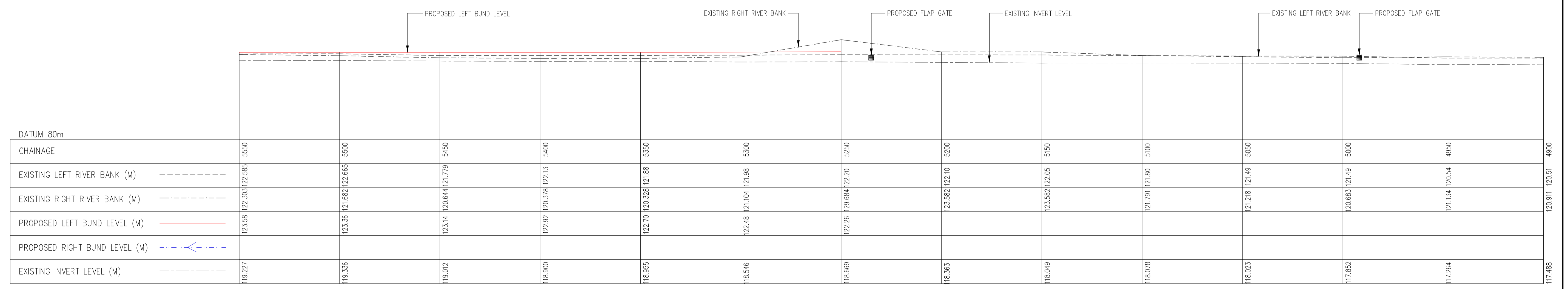
GAMBAR LOKASI DI KG BENDANG KERAJAAN (KERJA-KERJA MENAIKTARAF LONGKANG DAN PEMASANGAN 'FLOODWALL')





LEGEND :

	- PROPOSED DRAINAGE
	- PROPOSED FLAP GATE
	- PROPOSED FLOOD WALL

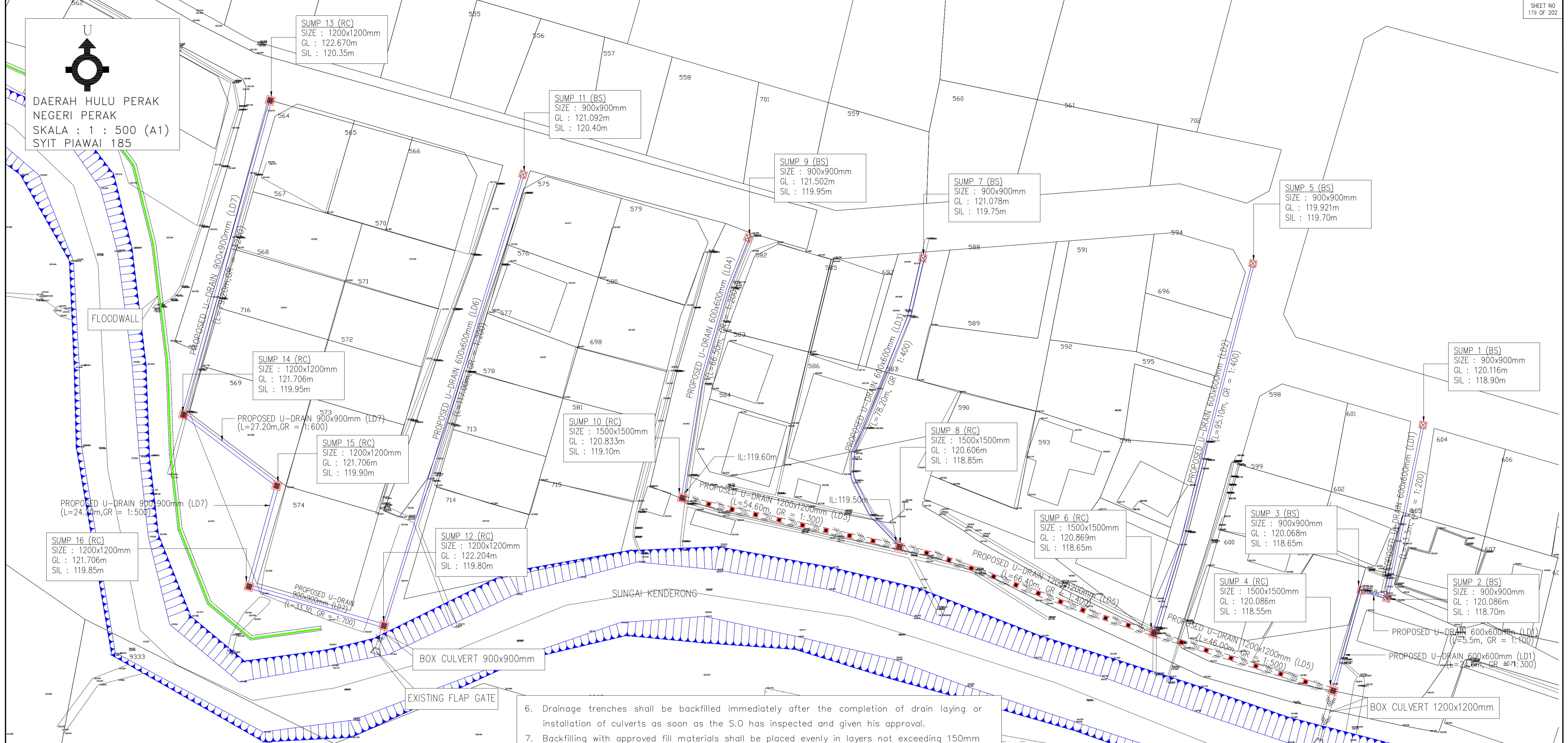


CONSTRUCTION DRAWING

PEMILIK : JABATAN PENGAIRAN DAN SALIRAN MALAYSIA TANDATANGAN PEMILIK :	BUTIRAN	PINDAAN	DCR NO.	TARIKH
	HAKCIPTA: KESELURUHAN ATAUPIUN SEBAHAGIAN LUKISAN YANG TERTERA DALAM PELAN INI TIDAK DIBENARKAN DICETAK SEMULA KEJUJLI DENGAN MENAPATI KEBENARAN BERTULUS DARIPADA KETUA PENGARAH JABATAN PENGAIRAN DAN SALIRAN MALAYSIA			

RANCANGAN TEBATAN BANJIR GERIK - KERJA-KERJA MENAIKtarAF
SUNGAI KENDERONG DAN SUNGAI HANGAI SERTA KERJA-KERJA LAIN
YANG BERKAITAN DI DAERAH HULU PERAK, PERAK DARUL RIDZUAN
SUNGAI KENDERONG - RIVER BUND
PLAN PROFILE AND LONGITUDINAL SECTION FROM CH. 4900.00 TO CH. 5550.00

TANDATANGAN JURUTERA PERUNDING : DATU' Ir. WAN NAZARI B. WAN JUSOH	FIRMA PERUNDING : BUDITRANS CONSULT Sdn Bhd C-408, GLOMAC BUSINESS CENTRE, JALAN SS 6/1, KELANA JAYA, 47501 PETALING JAYA, SELANGOR. Tel: 03-7804 0300 Fax: 03-7804 0400
DIREKABENTUK OLEH : SAFWAN DILUKIS OLEH : ARIFF DISEMAK OLEH : Ir. RASDI DILULUSKAN OLEH : Ir. WAN NAZARI	NAMA : TARIKH : NO. PELAN : SKALA : HS : 1 : 1000, VS : 1 : 1000 JPS/BTC/914/RTBGERIK/SK/BD/PP-04 REV. : 0



NOTES FOR DRAINAGE :

- All dimensions are in millimetres unless otherwise shown on the drawings.
- These drawings shall be read in conjunction with all details drawing, and survey drawings.
- Drainage work shall be constructed to the lines, levels, grades and cross sections shown on the drawings or as directed by the S.O.
- Final discharge point shall be identified and approved by S.O where necessary. Existing drainage system shall be upgraded to be fully functional as a drainage system on their own or as part of the new drainage system.
- The contractor shall notify the S.O sufficiently in advance before beginning of any excavation. The excavation works shall be carried out so as not to cause any danger or obstruction to the traffic or public. All excavation shall be inspected and approved by the S.O prior to further works being carried out.
- Excavation of drain trenches shall be to a depth of 150mm less than the depths intended or shown on the drawings. The remaining excavation shall be carried out immediately prior to the placing of blinding materials.

- Drainage trenches shall be backfilled immediately after the completion of drain laying or installation of culverts as soon as the S.O has inspected and given his approval.
- Backfilling with approved fill materials shall be placed evenly in layers not exceeding 150mm thickness. In order to provide uniform support, loose thickness of fill materials on both sides of the drain shall be thoroughly compacted with mechanical rammers. This procedure shall be followed for the whole depth of the drain section.
- Invert level is measured from proposed formation level to the interior base of drain. The location and levels of the drainage system indicated on the drawings shall be checked and rectified if required to suit actual site condition by the S.O.
- Precast concrete pipe shall comply with MS 1916:2011 or other equivalent standards as approved by the S.O.
- Precast concrete box culvert shall comply to MS 1293, BS EN1990:2002+A1:2005, BS EN 1991-1-1-7:2006 or other equivalent standards acceptable or approved by the S.O. The minimum concrete cube strength shall be 30MPa.
- Cast in-situ concrete drain and precast concrete block drain section shall be of grade 25 concrete unless otherwise stated on the drawings.
- Reinforcement concrete struts shall be provided for all drain side walls exceeding 1 metre in height with 1500mm c/c spacing. Safety railings shall be provided for open drains with more than 1.2 metres depth or otherwise as directed by the S.O.

LEGEND :

- PROPOSED 900x900mm BOX CULVERT
- PROPOSED 1200x1200mm BOX CULVERT
- PROPOSED 600x600mm OPENING WITH MS GRATING AT 6000mm C/C
- PROPOSED BRICKWALL SUMP (BS)
- PROPOSED R.C SUMP (RC)
- PROPOSED DRAINAGE
- PROPOSED FLAP GATE
- PROPOSED FLOOD WALL

CONSTRUCTION DRAWING

<p>JABATAN PENGAIRAN DAN SALIRAN MALAYSIA</p>	BUTIRAN	PINDAAN	DCR NO.	TARIKH
	HAKCIPTA: KESELURUHAN ATAUPIUN SEBAHAGIAN LUKISAN YANG TERTERA DALAM PELAN INI TIDAK DIBENARKAN DICETAK SEMULA KEKUALI DENGAN MENAPAT KEBENARAN BERTULUS DARIPADA KETUA PENGARAH JABATAN PENGAIRAN DAN SALIRAN MALAYSIA			

**RANCANGAN TEBATAN BANJIR GERIK - KERJA-KERJA MENAIKtarAF
 SUNGAI KENDERONG DAN SUNGAI HANGAI SERTA KERJA-KERJA LAIN
 YANG BERKAITAN DI DAERAH HULU PERAK, PERAK DARUL RIDZUAN
 DRAINAGE AT KG BENDANG KERAJAAN
 LAYOUT PLAN**

TANDATANGAN JURUTERA PERUNDING :

DATO' Ir. WAN NAZARI B. WAN JUSOH
19999

FIRMA PERUNDING :

BUDITRANS CONSULT Sdn Bhd
 C-406, GLOMAC BUSINESS CENTRE,
 JALAN SS 6/1, KELANA JAYA,
 47201 PETALING JAYA, SELANGOR.
 Tel: 03-7804 0300 Fax: 03-7804 0400

NAMA	TARIKH	SKALA : 1 : 500
DIREKABENTUK OLEH Ir. NINA	MEI 2025	NO. PELAN : JPS/BTC/914/RTBGERIK/D/AP-01
DILUKIS OLEH ARIFF	MEI 2025	
DISEMAK OLEH Ir. RASDI	MEI 2025	
DILULUSKAN OLEH Ir. WAN NAZARI	MEI 2025	
REV.		0