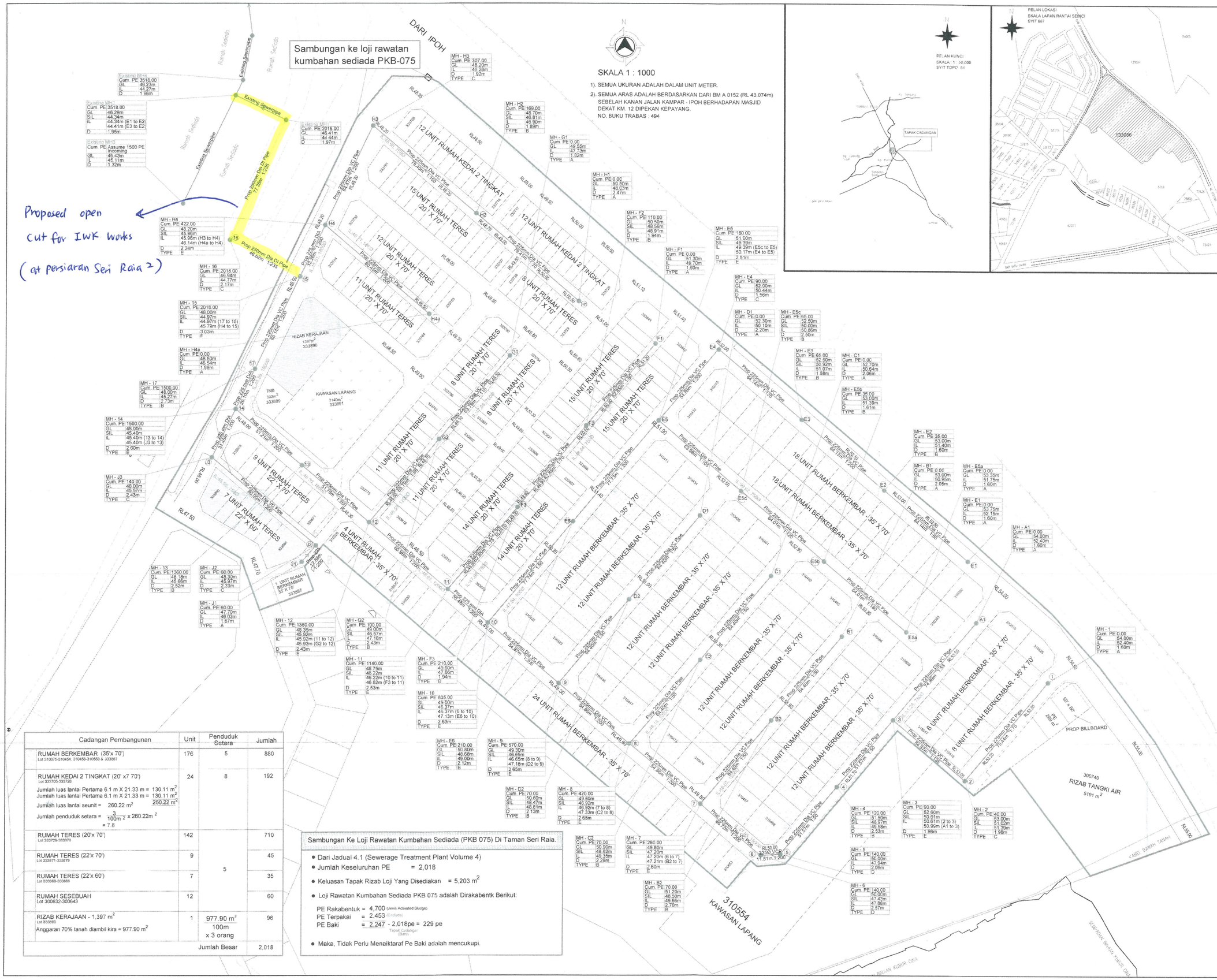

Cadangan Pembangunan	Unit	Penduduk Setara	Jumlah
RUMAH BERKEMBAR (35'x 70') Lot 310375-310454, 310468-310553 & 333887	176	5	880
RUMAH KEDAI 2 TINGKAT (20' x7 70') Lot 333705-333728 Jumlah luas lantai Pertama 6.1 m X 21.33 m = 130.11 m² Jumlah luas lantai Pertama 6.1 m X 21.33 m = 130.11 m² 260.22 m² Jumlah luas lantai seunit = 260.22 m² Jumlah penduduk setara = 3 / 100m² x 260.22m² = 7.8	24	8	192
RUMAH TERES (20'x 70') Lot 333729-333870	142	5	710
RUMAH TERES (22'x 70') Lot 333871-333879	9	5	45
RUMAH TERES (22'x 60') Lot 333880-333886	7	5	35
RUMAH SESEBUAH Lot 300632-300643	12	5	60
RIZAB KERAJAAN - 1,397 m² Lot 333890 Anggaran 70% tanah diambil kira = 977.90 m²	1	977.90 m² / 100m x 3 orang	96
		Jumlah Besar	2,018

Sambungan Ke Loji Rawatan Kumbahan Sediada (PKB 075) Di Taman Seri Raia.

- Dari Jadual 4.1 (Sewerage Treatment Plant Volume 4)
- Jumlah Keseluruhan PE = 2,018
- Keluasan Tapak Rizab Loji Yang Disediakan = 5,203 m²
- Loji Rawatan Kumbahan Sediada PKB 075 adalah Dirakabentk Berikut:

  PE Rakabentuk = 4,700 (Aeris Activated Sluge)
  PE Terpakai = 2,453 (Endatas)
  PE Baki = 2,247 - 2,018pe = 229 pe
  Tapak Cadangan (Baru)

- Maka, Tidak Perlu Menaiktaraf Pe Baki adalah mencukupi.

IWK Use

INDAH WATER KONSORTIUM SDN. BHD.
AGENSI PERAKUAN - PEMBETUNGAN (diarahkan oleh SPAN)
PELAN-PELAN UNTUK MEMBINA REKABENTUK SISTEM PEMBETUNGAN ADALAH
DILULUSKAN
BERTAKLUK KEPADA PENGESAHAN KEJURUTERAAN PROFESIONAL BERKEMAHIRAN SEBAGAI
SEBAGAI SYARAT-SYARAT
DALAM FAIL IWK
1) KELULUSAN ASAL
2) PINDAAN PERTAMA
3) PINDAAN KEDUA
Tarikh: 14/12/25
KELULUSAN INI TIDAK TERMASUK REKABENTUK STRUKTUR KEJURUTERAAN

Note :

1) FOLLOWING DESIGN ARE BASED ON CODE OF PRACTICE FOR DESIGN AND INSTALLATION SEWERAGE SYSTEMS MALAYSA STANDARD M.S. 1228.1991.
2) THE MINIMUM SIZE OF FOUL SEWERS TO BE TAKEN OVER SHALL BE 9" (225 mm) DIAMETER.
3) THE MINIMUM SIZE OF DOMESTIC CONNECTIONS TO THE PUBLIC SEWER SHALL BE 6 "(150mm) DIAMETER.
4) THE MINIMUM DEPTH OF MANHOLE INVERT SHALL BE 4'- 0" (1.2m).
5) THE MINIMUM GRADIENT BETWEEN MANHOLES SHALL BE AS FOLLOW:-
   PROPOSED 225 mm DIAMETER V.C. PIPE.
   EXISTING 225 mm DIAMETER V.C. PIPE.
   PROPOSED 250 mm DIAMETER D.I PIPE.
6) ALL VETRIFIED CLAY PIPES(V.C. PIPES) SHALL BE IN ACCORDANCE WITH B.S.65 1981/1988 (SPECIFICATION VETRIFIED CLAY PIPES FITTINGS AND JOINTS) AND SHALL BE APPROVED BY SIRIM MINISTRY OF HEALTY AND LOCAL COUNCILOR H.D.P.E DOUBLE WALL CORRUGATED SEWER PIPE SYSTEM.
7) CONTRACTOR/DEVELOPER IS TO OBTAIN FROM WSIA/PDC/6 (NOTICE OF COMMENCEMENT OR RESIMPTION OF SEWERAGE WORKS) AND FROM WSIA/PDC/7 (NOTICE OF INSPECTION AND TESTING) FROM CONSULTANT ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
8) PAIP -PAIP YANG MERENTANGI PARIT HENDAKLAH DITUKARKAN DENGAN DUCTILE IRON PAIP

The Actual Last House Manhole position shall Follow the Architectural Layout.

Date	Ref.	Amendment

Developer's Signature :

KERIS PROPERTIES SDN. BHD.
(No. Syarikat : 230241-W)

NAME : DATO' LEE SENG HEE, DPMP.
IC NO. : 550616-08-6233
ADDRESS : TKB TOWER, TIMES SQUARE IPOH, A-G-1, JALAN RAJA DR. NAZRIN SHAH (JALAN GOPENG), 30250 IPOH PERAK DARUL RIDZUAN
TEL : 05- 253 6555 Fax : 05- 242 5155

Project Title :

CADANGAN SALURAN PEMBETUNGAN BAGI SKIM PERUMAHAN DI ATAS LOT 300740, 310375 - 310454, 310468 - 310553, 333705 - 333887 & 333889 - 333892 DAN TANAH KERAJAAN, MUKIM SUNGAI RAYA, DAERAH KINTA, PERAK DARUL RIDZUAN
KERIS PROPERTIES SDN BHD (230241-W)

Sub Title :

PELAN TATATUR
PELAN LOKASI
PELAN KUNCI

Engineer's Signature

JURUTERA PROFESIONAL (PENDAFTARAN AWAM) Ir. HUI WEI TUCK C114141 MALAYSIA

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.

PERUNDING MANH SDN BHD (1332455-W)
CONSULTING ENGINEERS / JURUTERA PERUNDING
No. 10, Jalan Chew Boon Juan, 30250 Ipoh, Perak Darul Ridzuan.
Tel / Fax : 05-210 0818
E-mail: manh.ip@yahoo.com

DESIGNED BY		SCALE
DRAWN BY	Jianrao 25-11-2025	1 : 1000
CHECKED BY	Ir. Hui Wei Tuck	
DRAWG NO:	KP/2430/HS	SE1/3