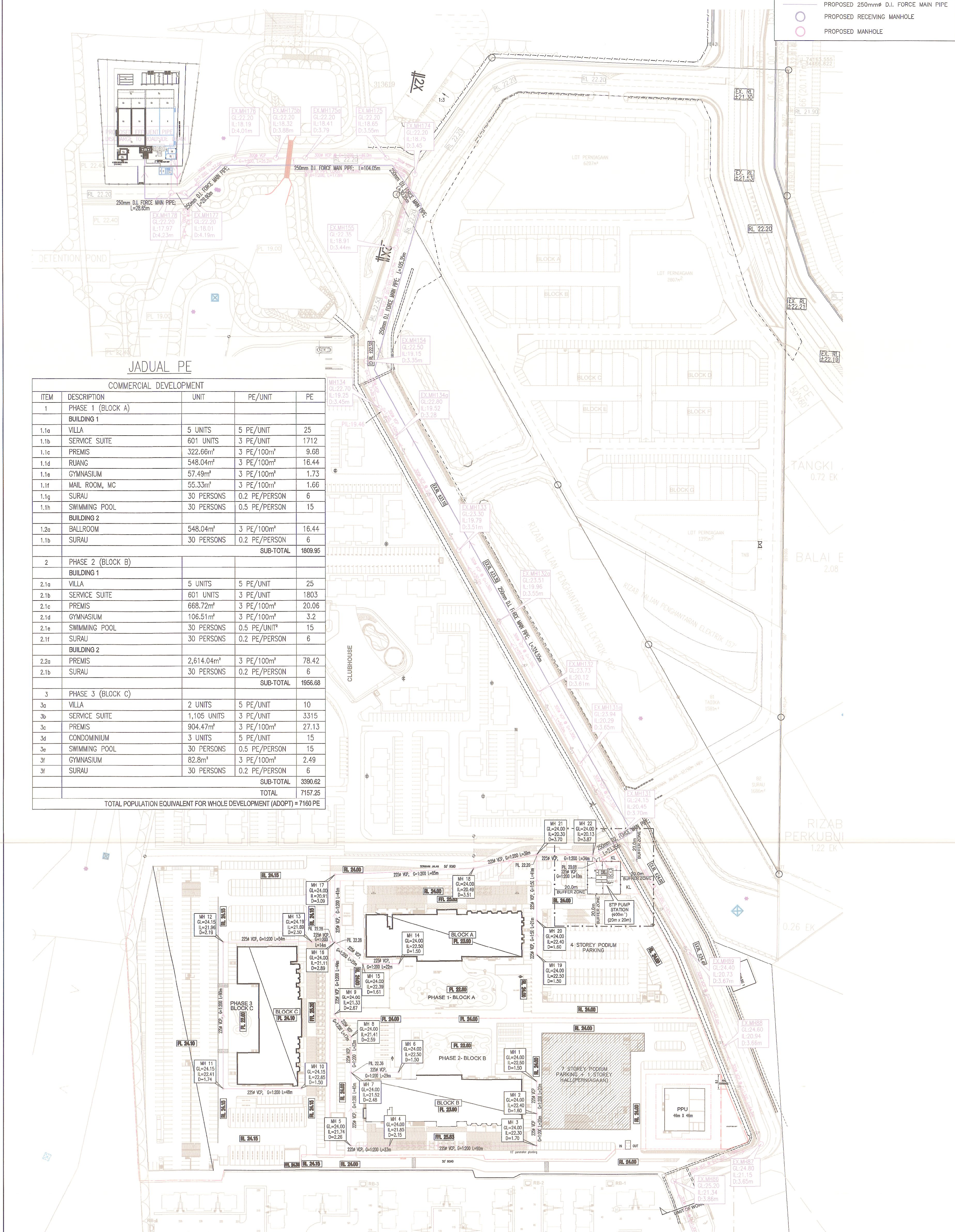


- SEWERAGE NOTES:**
- 1) ALL MAIN AND SECONDARY SEWER SHALL BE OF 225mm Ø VITRIFIED CLAY PIPE UNLESS OTHERWISE SPECIFIED. THE PIPE SHALL CONFORM TO THE REQUIREMENTS OF B.S 65 1981 OR ITS EQUIVALENT.
 - 2) ALL SEWER SHALL BE LAID ON PIPE BEDDING TYPE "B" EXCEPT ROAD, DRAIN OR CULVERT CROSSING OR AS INSTRUCTED BY THE ENGINEER.
 - 3) SEWER UNDER ROAD, DRAINS AND CULVERT CROSSING SHALL BE LAID IN PIPE BEDDING TYPE "A"
 - 4) MEDIUM DUTY C.I. MANHOLE COVER SHALL BE USED FOR MANHOLE IN TURFED GROUNDS AND HEAVY DUTY C.I. MANHOLE COVER SHALL BE USED FOR MANHOLE IN ROAD PAVEMENT OR CAR PARK CONFORMING TO BS 497 1967
 - 5) FOR DROP IN MANHOLES LESS THAN 900mm STEPPING IN MANHOLES SHALL BE PROVIDED
 - 6) FOR DROP IN MANHOLES GREATER THAN 900mm MANHOLES WITH EXTERNAL BACKDROP SHALL BE PROVIDED
 - 7) FLEXIBLE JOINTS OF RUBBER RING OR POLYESTER TYPE OF A DESIGN AND FORM APPROVED BY THE ENGINEER SHALL BE USED
 - 8) VITRIFIED CLAY PIPES SHALL CONFORM TO BS TYPE "STANDARD STRENGTH" WITH A CRUSHING STRENGTH OF 20kn/m AND BS 540:1971
 - 9) CAST IRON PIPES SHALL CONFORM TO BS 79 1961 AND BS 1211:1958 AND SHALL BE OF CLASS "B"
 - 10) MINIMUM CRUSHING STRENGTH IS 4000 P.S.I
 - 11) SUBJECT TO SITE CONDITION, A MINIMUM DEPTH OF MANHOLE OF 1200mm MUST BE ADHERED TO AT ALL TIMES.



- LEGEND:**
- RL 38.00 PROPOSED ROAD LEVEL
 - PINDAAN P.E. PINDAAN P.E.
 - PROPOSED 225mmØ Vitrified Clay Pipe (VCP)
 - PROPOSED 250mmØ D.I. FORCE MAIN PIPE
 - PROPOSED RECEIVING MANHOLE
 - PROPOSED MANHOLE



JADUAL PE

COMMERCIAL DEVELOPMENT				
ITEM	DESCRIPTION	UNIT	PE/UNIT	PE
1	PHASE 1 (BLOCK A)			
	BUILDING 1			
1.1a	VILLA	5 UNITS	5 PE/UNIT	25
1.1b	SERVICE SUITE	601 UNITS	3 PE/UNIT	1712
1.1c	PREMIS	322.66m ²	3 PE/100m ²	9.68
1.1d	RUANG	548.04m ²	3 PE/100m ²	16.44
1.1e	GYMNASIUM	57.49m ²	3 PE/100m ²	1.73
1.1f	MAIL ROOM, MC	55.33m ²	3 PE/100m ²	1.66
1.1g	SURAU	30 PERSONS	0.2 PE/PERSON	6
1.1h	SWIMMING POOL	30 PERSONS	0.5 PE/PERSON	15
	BUILDING 2			
1.2a	BALLROOM	548.04m ²	3 PE/100m ²	16.44
1.1b	SURAU	30 PERSONS	0.2 PE/PERSON	6
	SUB-TOTAL			1809.95
2	PHASE 2 (BLOCK B)			
	BUILDING 1			
2.1a	VILLA	5 UNITS	5 PE/UNIT	25
2.1b	SERVICE SUITE	601 UNITS	3 PE/UNIT	1803
2.1c	PREMIS	668.72m ²	3 PE/100m ²	20.06
2.1d	GYMNASIUM	106.51m ²	3 PE/100m ²	3.2
2.1e	SWIMMING POOL	30 PERSONS	0.5 PE/UNIT	15
2.1f	SURAU	30 PERSONS	0.2 PE/PERSON	6
	BUILDING 2			
2.2a	PREMIS	2,614.04m ²	3 PE/100m ²	78.42
2.1b	SURAU	30 PERSONS	0.2 PE/PERSON	6
	SUB-TOTAL			1856.68
3	PHASE 3 (BLOCK C)			
	BUILDING 1			
3a	VILLA	2 UNITS	5 PE/UNIT	10
3b	SERVICE SUITE	1,105 UNITS	3 PE/UNIT	3315
3c	PREMIS	904.47m ²	3 PE/100m ²	27.13
3d	CONDOMINIUM	3 UNITS	5 PE/UNIT	15
3e	SWIMMING POOL	30 PERSONS	0.5 PE/PERSON	15
3f	GYMNASIUM	82.8m ²	3 PE/100m ²	2.49
3f	SURAU	30 PERSONS	0.2 PE/PERSON	6
	SUB-TOTAL			3390.62
	TOTAL			7157.25
TOTAL POPULATION EQUIVALENT FOR WHOLE DEVELOPMENT (ADOPT) = 7160 PE				

SUBMISSION DRAWING

INDAH WATER KONSORTIUM SDN. BHD
 AGENSI PERAKUAN PEMBEUTANGAN
 (diiktiraf oleh SPAN)

PELAN-PELAN PERMOHONAN UNTUK
 PERANCANGAN
 SISTEM PEMBEUTANGAN
 ADALAH

DILULUSKAN

BERASASAKAN KEPADA PEGESAHANTANGAN
 JURUTERA PERUNDING BERKENANAN DAN BERSEKUTU
 KEPADA SYARAT-SYARAT B.L. - 1 hingga
 DI DALAM FAIL IWK/CI/PE/11/11/043A

i) KELULUSAN ASAL
 ii) PINDAAN PERTAMA
 iii) PINDAAN KEDUA

Pengurus
 Agensi Perakuan - Pombangunan
 Perak Darul Ridzuan
 (diiktiraf oleh SPAN)

Tarikh: 10/11/2025

KELULUSAN INI TIDAK TERMASUK
 REKABENTUK STRUKTUR KEJURUTERAAN

Tarikh No Pindaan

Tajuk Projek:
 CADANGAN PEMBANGUNAN BERCAMPUR FASA 1, 2 & 3 YANG MENDUNGGU:

1. FASA 1 -
 BANGUNAN 1 (BLOK A) 18 TINGKAT
 A) 5 UNIT VILLA
 B) 601 UNIT JENIS "SERVICE SUITES"
 C) 7 UNIT PREMIS PERNIAGAAN
 D) 1 UNIT RUANG PERAGAMAN PELBAGAI GUNA (CADANGAN BARU)
 E) KOLAM HANCI
 F) GYMNASIUM
 G) 1 UNIT THB SUB-STATION

BANGUNAN 2
 A) 4 TINGKAT PODIUM TEMPAT LETAK KERETA
 B) 1 UNIT THB SUB-STATION

2. FASA 2 -
 BANGUNAN 1 (BLOK B) 18 TINGKAT
 A) 5 UNIT VILLA
 B) 601 UNIT JENIS "SERVICE SUITES"
 C) 8 UNIT PREMIS PERNIAGAAN
 D) KOLAM HANCI
 E) GYMNASIUM
 F) 1 UNIT THB SUB-STATION

BANGUNAN 2
 A) 7 TINGKAT PODIUM TEMPAT LETAK KERETA
 B) 1 TINGKAT PERAGAMAN
 C) 1 UNIT THB SUB-STATION

3. FASA 3 -
 BANGUNAN 1 (BLOK C) 30 TINGKAT
 A) 2 UNIT VILLA
 B) 1,105 UNIT JENIS "SERVICE SUITES"
 C) 12 UNIT PREMIS PERNIAGAAN
 D) 3 UNIT KONDOMINIUM
 E) KOLAM HANCI
 F) GYMNASIUM
 G) 1 UNIT THB SUB-STATION
 H) 1 UNIT RUMAH SAMPAH

BANGUNAN 2
 A) 4 TINGKAT PODIUM TEMPAT LETAK KERETA

BERSERTA 1 UNIT PENCIAMING PEMBANGUNAN UTAMA (PPU), "SEWERAGE" STESAN PAM KUBURAHAN, DAN 1 UNIT RUMAH SAMPAH DI ATAS SEWAHAWAN LOT 404704 MUKAM KAMPAR, DISTRIK KAMPAR, PESISIR BAYU, NEGERI SEBANG, SELANGOR DARUL EHSAN.

UNTUK TETAPAN AGACIA LAND SDN BHD.

Pemilik Tanah/Pemaju :
 LIM GEE TEK
 700104-10-6027

AGACIA LAND SDN BHD
 SUITES 03A13-03A16, LEVEL 3A, BLOCK D, KELANA SQUARE,
 NO.17 ALAM 155 7/7K, 47301 PETALING JAYA,
 SELANGOR DARUL EHSAN.

Jurutera Perunding :
JURUTERA PERUNDING ALPHAREKA SDN. BHD.
 9-2 & 9-3, Jalan USJ 9/5N
 47630 Subang Jaya,
 Selangor Darul Ehsan
 Tel : +603 - 8024 0842
 Fax : +603 - 8024 0849

Cop Perakuan Rekabentuk dan Tandatangan Jurutera :

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.

Tajuk Lukisan :
SEWERAGE LAYOUT PLAN

Skala : 1 : 1250
 Tarikh : SEPT. 2020
 Direka Oleh : IR. LOOI
 Dilukis Oleh : TG FAZREEN / LUI / HY
 Disemak Oleh : IR. LOOI

No. Lukisan:
 ARSB 1604 SW LP 01 R00

File Folder:

SEWERAGE PLAN
 SCALE - 1 : 1250