



| Cadangan Pembangunan   | Unit    | Penduduk Setara | Jumlah       |
|--|---------|-----------------|--------------|
| PANGSAPURI - RUMAH PERAKU I (900 sq.m)                                       | 39      |                 | 195          |
| PANGSAPURI - RUMAH PERAKU II (950 sq.m)                                      | 39      |                 | 195          |
| RUMAH PERAKU III-RUMAH TERES 2 TINGKAT                                       | 20'x60' | 5               | 390          |
| RUMAH TERES 2 TINGKAT  | 20'x60' |                 | 150          |
| RUMAH TERES 2 TINGKAT  | 20'x70' |                 | 1,015        |
| RIZAB KHAS - 2,118.30 m <sup>2</sup>   |         | 1               | 44           |
| Jumlah 70% luas lantai diambil kira = 1,482.81 m <sup>2</sup>                |         |                 |              |
| KEDAI/PEJABAT 2 TINGKAT (20' x 70')  |         | 27              | 216          |
| Jumlah luas lantai seunit = 6.1 m x 21.33 m = 130.11 m <sup>2</sup>          |         |                 |              |
| = 130.11m <sup>2</sup> x 3 Tingkat   |         |                 |              |
| Jumlah penduduk setara = $\frac{130.11}{100} \times 260.23m^2 = 7.8$         |         |                 |              |
| KEDAI/PEJABAT 3 TINGKAT (20' x 70')  |         | 8               | 96           |
| Jumlah luas lantai seunit = 6.1 m x 21.33 m = 130.11 m <sup>2</sup>          |         |                 |              |
| = 130.11m <sup>2</sup> x 3 Tingkat   |         |                 |              |
| Jumlah penduduk setara = $\frac{130.11}{100} \times 390.33^2 = 11.7$         |         |                 |              |
| KEDAI/PEJABAT 3 TINGKAT - 2,103.02 m <sup>2</sup>                            |         | 1               | 129          |
| Jumlah penduduk setara = $\frac{2,103.02}{100m^2} \times 4,300.00 m^2 = 129$ |         |                 |              |
| <b>Jumlah Besar</b>  |         |                 | <b>2,430</b> |

**TAPAK UNTUK REZAB LOJI RAWATAN**

- Dari Jadual 4.1 (Sewerage Treatment Plant Volume 4)
- Jumlah Keseluruhan PE = 2,430
- Keluasan Tapak Yang Disediakan = 1,815.40 m<sup>2</sup>

**IWK Land Area Requirement**  
1,815.40 m<sup>2</sup> = 2,500 pe

IWK/CPK.01/23/0045

- Note:**
- FOLLOWING DESIGN ARE BASED ON CODE OF PRACTICE FOR DESIGN AND INSTALLATION SEWERAGE SYSTEMS MALAYSIA STANDARD M.S. 1228:1991.
  - THE MINIMUM SIZE OF FOUL SEWERS TO BE TAKEN OVER SHALL BE 9" (225mm) DIAMETER.
  - THE MINIMUM SIZE OF DOMESTIC CONNECTIONS TO THE PUBLIC SEWER SHALL BE 4" (100mm) DIAMETER.
  - THE MINIMUM DEPTH OF MANHOLE INVERT SHALL BE 4'-0" (1.2m).
  - THE MINIMUM GRADIENT BETWEEN MANHOLES SHALL BE AS FOLLOWS:-  
PROPOSED 225 mm DIAMETER V.C PIPE.
  - ALL VETTERED CLAY PIPE/V.C. PIPES SHALL BE IN ACCORDANCE WITH B.S.65 1981/1988 SPECIFICATION, VETTERED CLAY PIPES FITTINGS AND JOINTS AND SHALL BE APPROVED BY SIRIM MINISTRY OF HEALTH AND LOCAL COUNCIL OR HOPE COUBLE WALL CORRUGATED SEWER PIPE SYSTEM.
  - CONTRACTOR/DEVELOPER IS TO OBTAIN FROM WSA/PD/C/6 NOTICE OF COMMENCEMENT OR RESUMPTION OF SEWERAGE WORKS AND FROM WSA/PD/C/7 NOTICE OF INSPECTION AND TESTING FROM CONSULTANT ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION WORKS.
  - PAP -PAP YANG MERENTANG PARTI HENDAKLAH DITUKARKAN DENGAN DUCTILE IRON PAP.
- The Actual Last House Manhole position shall Follow the Architectural Layout.

- COLORING CODE:**
- Proposed Road.
  - Proposed Walkway.
  - Proposed Turfing.
  - Existing Road.
  - Proposed pipe Culvert.
  - Proposed Outlet Pipe From Detention Pond.
  - Existing Open Drain.
  - Existing Culvert.
- LEGEND:**
- RL 58.00 = Proposed Road Finished Level.
  - PL 59.40 = Proposed Building Platform Level.
  - 53.4% = Existing Invert Level.
  - 61.43 = Existing Existing Road Finished & Building Platform Level.
  - > = Drain Flow Direction.
  - 750 Ø = Proposed 750mm Ø pc pipe culvert.
  - 900 Ø = Proposed 900mm Ø pc pipe culvert.
  - 1200 Ø = Proposed 1200mm Ø pc pipe culvert.
  - 1350 Ø = Proposed 1350mm Ø pc pipe culvert.
  - 1500 Ø = Proposed 1500mm Ø pc pipe culvert.

**OSD TANK**  
Tank Size : 2.7m x 1.5m x 1.68m  
SSR = 593.03 m<sup>3</sup>  
Storage Provided = 612.36 m<sup>3</sup>

**CW1**  
Prop. Control Weir Detail Refer To (Dwg No.: KP/2308/HS/ RD7)

| Date | Ref. | Amendment |
|------|------|-----------|
|      |      |           |

Developer's Signature:  
**KINTA PROPERTIES SDN BHD**  
(No. Syarikat : 8856-P)

NAME : ENIC LOH HAN XIAN (PENGARAH)  
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Project Title:  
CADANGAN SALURAN PEMBEUNTUNGAN BAGI CADANGAN SKIM PERUMAHAN DAN PUSAT PERNIAGAAN DI ATAS LOT 17901 & LOT 12207, BANDAR MERU RAYA, MUKIM HULU KINTA, DAERAH KINTA, PERAK DARUL RIDZUAN UNTUK TETUAN KINTA PROPERTIES SDN BHD (No. Syarikat : 8856-P)

Projek Khas: Khas Kelulusan Plan Rekabentuk Sistem Pembentukan Yang Bertarikh 25/07/2024

Sub Title:  
LONGITUDINAL SECTION

Engineer's Signature:

**PERUNDING MANH SDN BHD** (33265-9)  
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