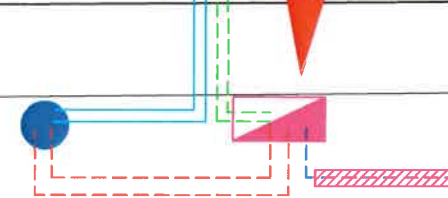
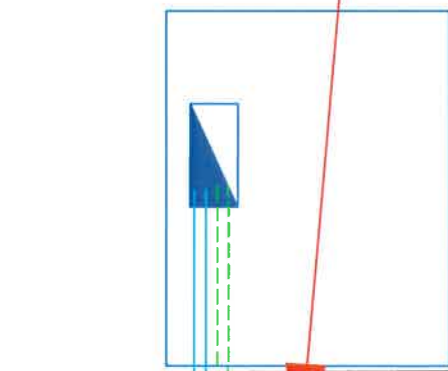


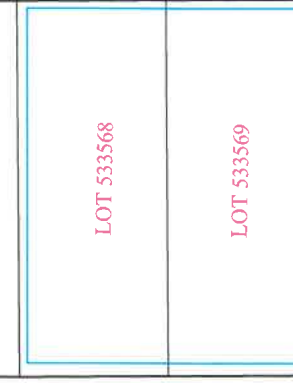


PERSIARAN

P/E INDUSTRI PENGKALAN NO.2



4.535398, 101.053185



4.535227, 101.054365

PERSIARAN PERINDUSTRIAN PENGKALAN 14

Petunjuk: (Sedia ada)



Peti Pembekal 1600A



Tiang konkrit 9.0m

Kabel B/Tanah VR 185mm x 4 teras XLPE AL (1kV)
(Rombak Feeder A dan B)

Petunjuk: (Cadangan)



Peti Pembekal 800A



Meter Kiosk

Kabel B/Tanah VR 300mm x 4 teras XLPE AL (1kV)

Kabel B/Tanah VR 185mm x 4 teras XLPE AL (1kV)

Kabel B/Tanah VR 185mm x 4 teras XLPE AL (1kV)



Corrugated 100mm Open Cut Tar (130m)

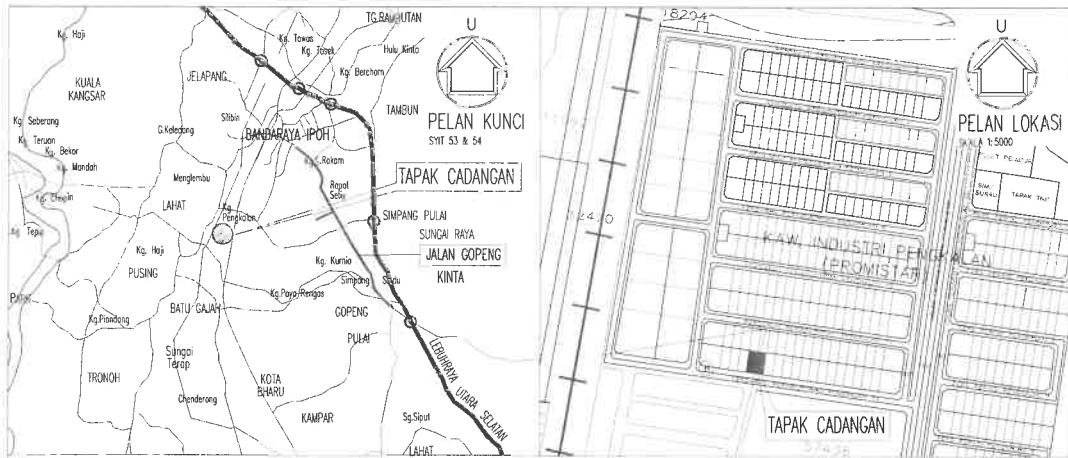
ALL RIGHTS RESERVED
LUKISAN INI TIDAK BOLEH DIUBAHSUAI
TANPA KEBENARAN DARI JURUTERA
TENAGA NASIONAL BERHAD



Kawasan IPOH Daerah
No. Fail : 11000935899

KOK CHIN HUAT

Pindaan Dilukis : SHAKIR Diluluskan : IKRAM
Disemak : ZAINI Tarikh : 08/06/25
No. Lukisan :



ROAD & DRAINAGE LAYOUT PLAN (SCALE 1:500)

ROAD AND DRAINS WORKS CHECKLIST FOR INTERIM FOR PROGRESS CLAIMS

ITEM	WORK ITEM	WORKS DESCRIPTION
1.	ROADS	<input type="checkbox"/> Materials Approval
		<input type="checkbox"/> Compaction Test
		<input type="checkbox"/> C.B.R. Test (- Nas)
2.	DRAINS	<input type="checkbox"/> Interim As-built Levels
		<input type="checkbox"/> Materials Approval
		<input type="checkbox"/> Interim As-built I.L.'s

ROAD AND DRAINAGE WORKS CHECKLIST AS-BUILT DOCUMENTATIONS FOR C.P.C

NO.	DESCRIPTION
1.	GENERAL
1.1	Keyplan, Location Plan, Site/Layout Plan.
1.2	TBM Location and R.L.
1.3	all with reference to the Construction Drawing.
2.	AS-BUILT WORKS(BY LICENCED SURVEYOR)
2.1	Drains
	(a) sizes (in different colour legends).
	(b) lengths.
	(c) gradient.
	(d) types.
2.2	I.L of
	(a) sumps.
	(b) culverts.
	(c) drains corners.
	(d) drains at every 50m. straight length.
2.3	Road
	(a) reserve width.
	(b) finished R.L (location ref. To Construction Drawing).
	(c) pavement line and width.
	Outfall structure (a) layout and I.L.'s
	(b) longitudinal section and for the whole of length of the connecting main drain c/w I.L at 50m.
3.	DRAFT SUBMISSION
3.1	One (1) set print for checking and/or comments by the Engineer.
4.	FINAL SUBMISSION
4.1	Three (3) set print c/w P.T. No., Building/Unit No., Road Name and Scheme Name ("Taman") and licenced Surveyor 's cop and sign.

LEGEND :

- E.R.L=0.00m EXTERNAL ROAD LEVEL
- R.L.=+0.30m ROAD LEVEL
- F.F.L.=+0.45m FINISH FLOOR LEVEL
- PROPOSED 375mmØ PIPE CULVERT (1:250)
- PROP. 150mmØ UPVC PIPE WITH 50mm THK. CONCRETE SURROUND
- PROP. ANTI-CLIMB FENCE
- PROP. INTERNAL PERIMETER ROAD
- PROPOSED 600(W)x600(L)mm BRICKWORKS SUMP

NO. FAIL MAJLIS BANDARAYA IPOH:

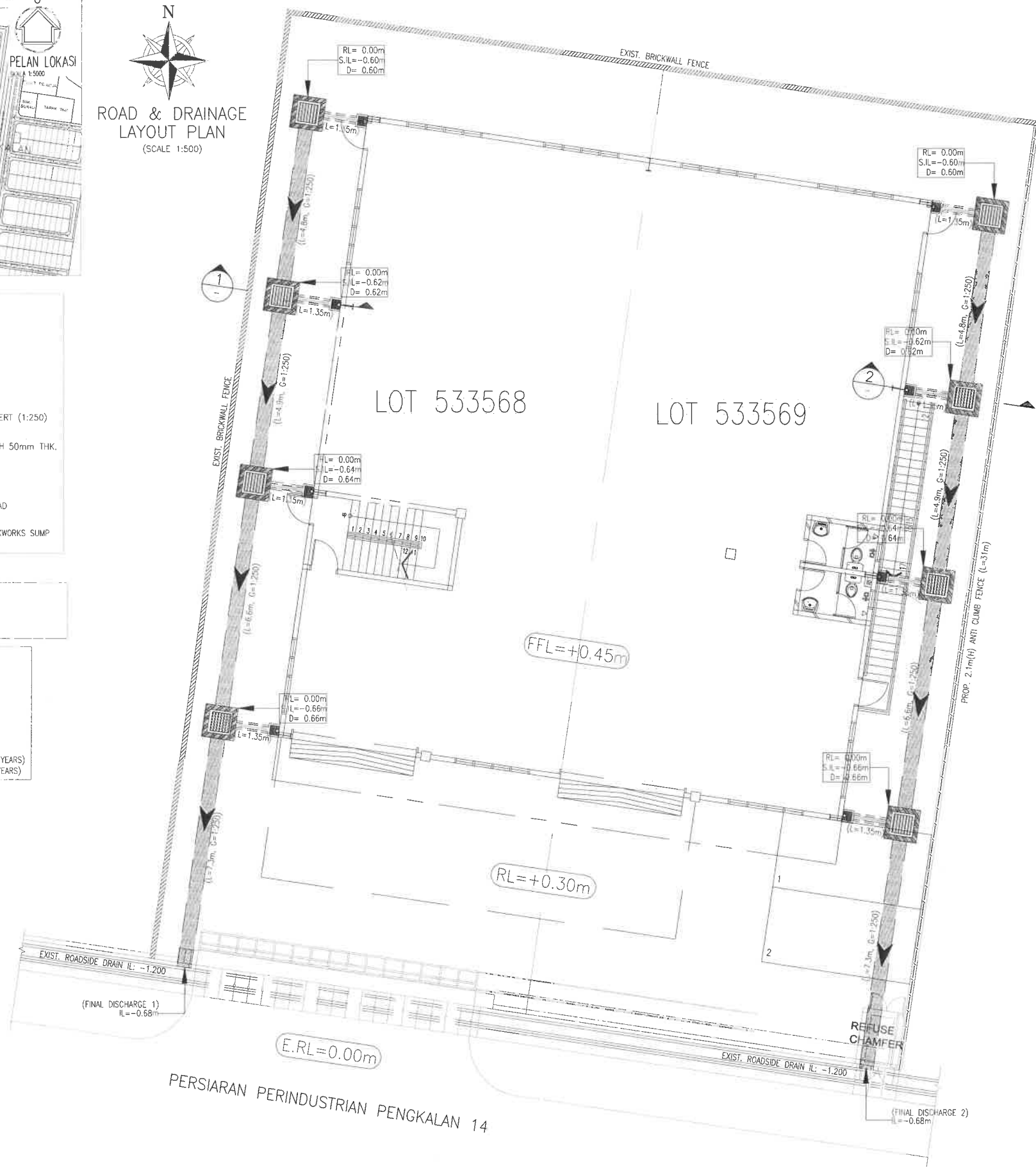
1. PELAN BANGUNAN;
2. PELAN KERJA TANAH;
3. PELAN LAMPU JALAN;

DESIGN MANUAL = MSMA 2ND EDITION
 METHOD = SIMPLIFIED METHOD
 TYPE OF DETENTION SYSTEM: CONVEYANCE SYSTEM
 A.) PROP. -mm(W) X -m(H) OSD BOX CULVERT
 LENGTH= -m VOLUME = -m³
 B.) CONVEYANCE DRAIN STORAGE (-mmØ PIPE CULVERT)
 LENGTH= -m VOLUME = -m³
 TOTAL SITE STORAGE VOLUME= - m³
 PERMISSIBLE SITE DISCHARGE (PSD) = - 1/s
 SITE STORAGE REQUIREMENT (SSR) = - m³
 PRIMARY OUTLET PIPE = - NO. OF -mmØ PIPE (ARI 2 YEARS)
 SECONDARY OUTLET = - NO. OF -mmØ PIPE (ARI 20 YEARS)

NOTA:-

1. SEMUA PEMUKA BERTANGGUNG JAWAB KEPADA MBI DAN SEBAGAI CAG MEMBANGUNAH PERSEKUTUAN KEKADAM MBI
2. SETIAP KAJI DAN BANGUNAN HARUS MELAKUKAN DOKUMEN PERALIHAN KEKADAM MBI
3. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
4. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
5. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
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15. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
16. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
17. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
18. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
19. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI
20. SEMUA BANGUNAN HARUS MELAKUKAN PERALIHAN KEKADAM MBI

KEHENDAK-KEHENDAK DI ATAS AKAN DIPATUHI OLEH PERUNDING / PEMAJU



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DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, INSTRUMENTATION AND OTHER DRAWINGS.
 UPON COMMENCEMENT WORK ON SITE, CONTRACTOR SHALL CONDUCT A SITE SURVEY TO VERIFY THAT THE EXISTING CONDITIONS LEVELS ARE ACCORDING TO THE DRAWINGS.
 ANY DISCREPANCY SHALL BE NOTIFIED TO ENGINEER IMMEDIATELY.

DATE	DESCRIPTION	REV. NO.
AMENDMENT		
<input type="checkbox"/>	FOR CONSTRUCTION	<input type="checkbox"/>
<input type="checkbox"/>	FOR TENDER	<input type="checkbox"/>
<input type="checkbox"/>	FOR CLIENT	<input type="checkbox"/>
<input type="checkbox"/>	FOR PROVISIONAL	<input type="checkbox"/>
<input type="checkbox"/>	FOR PROVISIONAL	<input type="checkbox"/>

PROJECT OWNER :

NAME	NO. 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200
NAME	NO. 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200

PROJECT TITLE :
 CADANGAN MEMBINA SEBUAH KILANG 1 1/2 TINGKAT YANG MANGANDUNGI RUANG MEMPROSES MAKANAN DAN RUANG PEJABAT DI TINGKAT 1, DI ATAS LOT 533568 DAN LOT 533569, PERSIARAN PERINDUSTRIAN PENGKALAN 14, KAWASAN PERINDUSTRIAN PENGKALAN, LAHAT, DAERAH KINTA, MUKIM HULLU KINTA, IPOH, PERAK DARUL RIDZUAN UNTUK ENCIK KOK CHIN HUAT DAN PUAN TIOW AI HONG.

ROAD & DRAINAGE

DRAWING TITLE :
 - LOCATION PLAN
 - KEY PLAN
 - ROAD & DRAINAGE SITE PLAN

CONSULTANT :

ISP CONSULTANT
 CIVIL & STRUCTURE CONSULTING ENGINEER
 No. 28A, HALA TASEK TIMOR 42,
 ANJUNG BERSEKUTUAN, 31400 IPOH,
 PERAK DARUL RIDZUAN.
 TEL. : 05-5362127 E-MAIL : info@ispconsult.com.my

ENGINEER'S SIGNATURE :

I certify that the design for the complete set of drawings follows the Urban Stormwater Management Manual For Malaysia (Manual Saliran Hujan Alam Malaysia) by the department of irrigation and drainage Malaysia, 2000. I will full responsibility for the design and supervision of the works. If it is found the proposed drain is too small, the developer will have to enlarge the drain section accordingly so that there will not be any local flooding in this housing scheme.

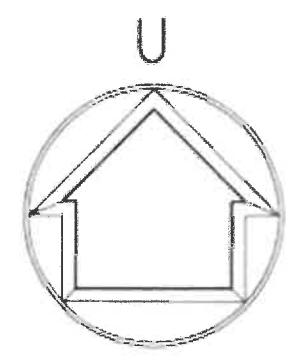
Ir. CHAN YEW FAH
 B.Eng.(Hons.) Civ. & P.Eng., M.I.E.M., M.A.C.E.M., A.A.E.

DESIGNED BY : YS.CHOK	SCALE :
DRAWN BY : ADILA	1:50
CHECKED BY : Vincent Chan	
DATE : SEPTEMBER 2024	
DRAWING No. :	REV.

18294

11090

32470



PELAN LOKASI

SKALA 1:5000

PERSIARAN PERINDUSTRIAN PENGKALAN 2

PERSIARAN PERINDUSTRIAN PENGKALAN 4

PERSIARAN PERINDUSTRIAN PENGKALAN 6

PERSIARAN PERINDUSTRIAN PENGKALAN 8

KAW. INDUSTRI PENGKALAN
(PROMISTAR)

PERSIARAN PERINDUSTRIAN PENGKALAN 10

PERSIARAN PERINDUSTRIAN PENGKALAN 12

PERSIARAN PERINDUSTRIAN PENGKALAN 14

JALAN PERINDUSTRIAN PENGKALAN

PERS PERIND PENGKALAN 1A

PERS PERIND PENGKALAN 2

PERS PERIND PENGKALAN 3

PERS PERIND PENGKALAN 4

PERS PERIND PENGKALAN 5

PUSAT PENJAJA
SIMP SURAU TAPAK TNB

TAPAK CADANGAN

57436

(H)