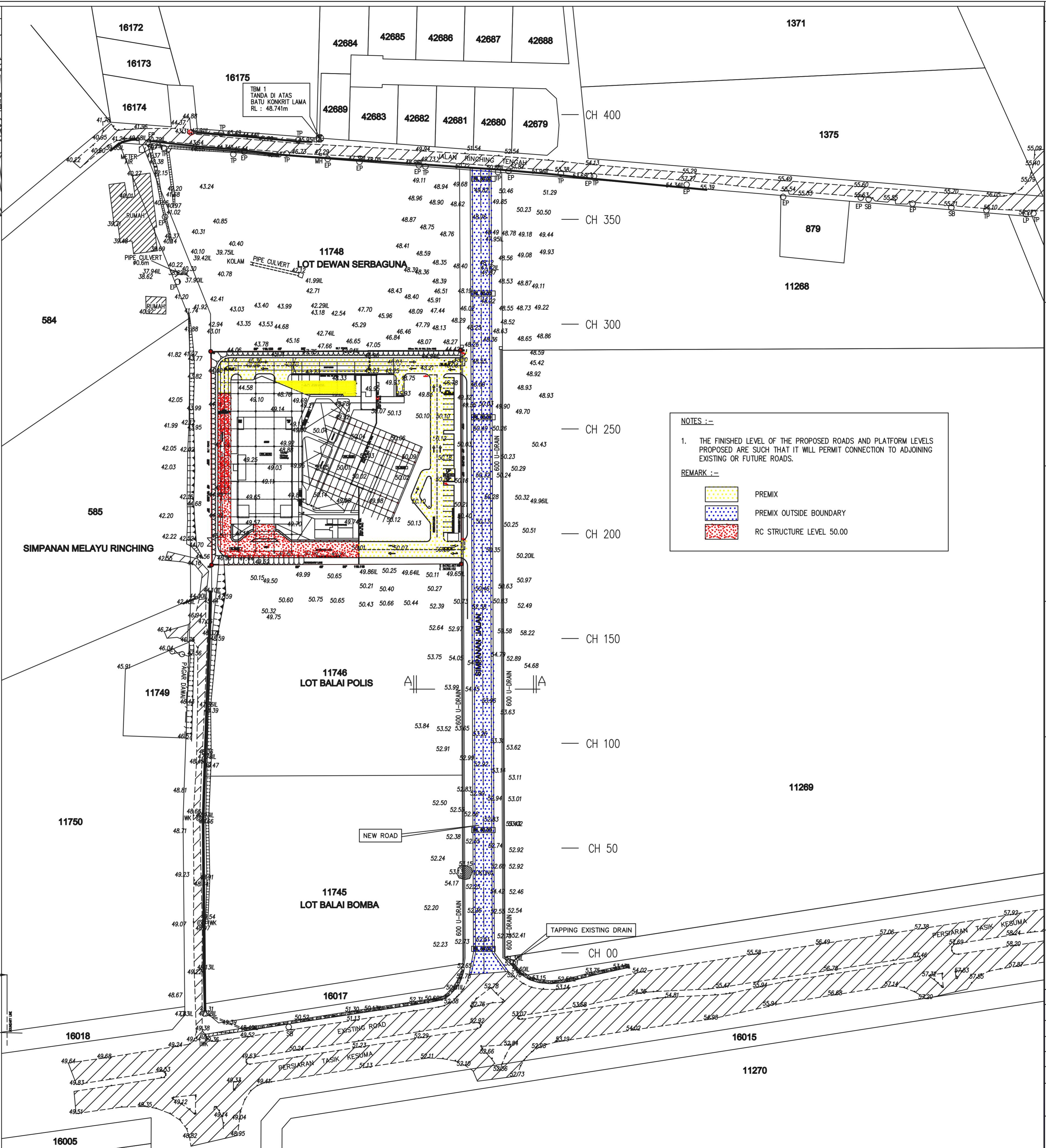
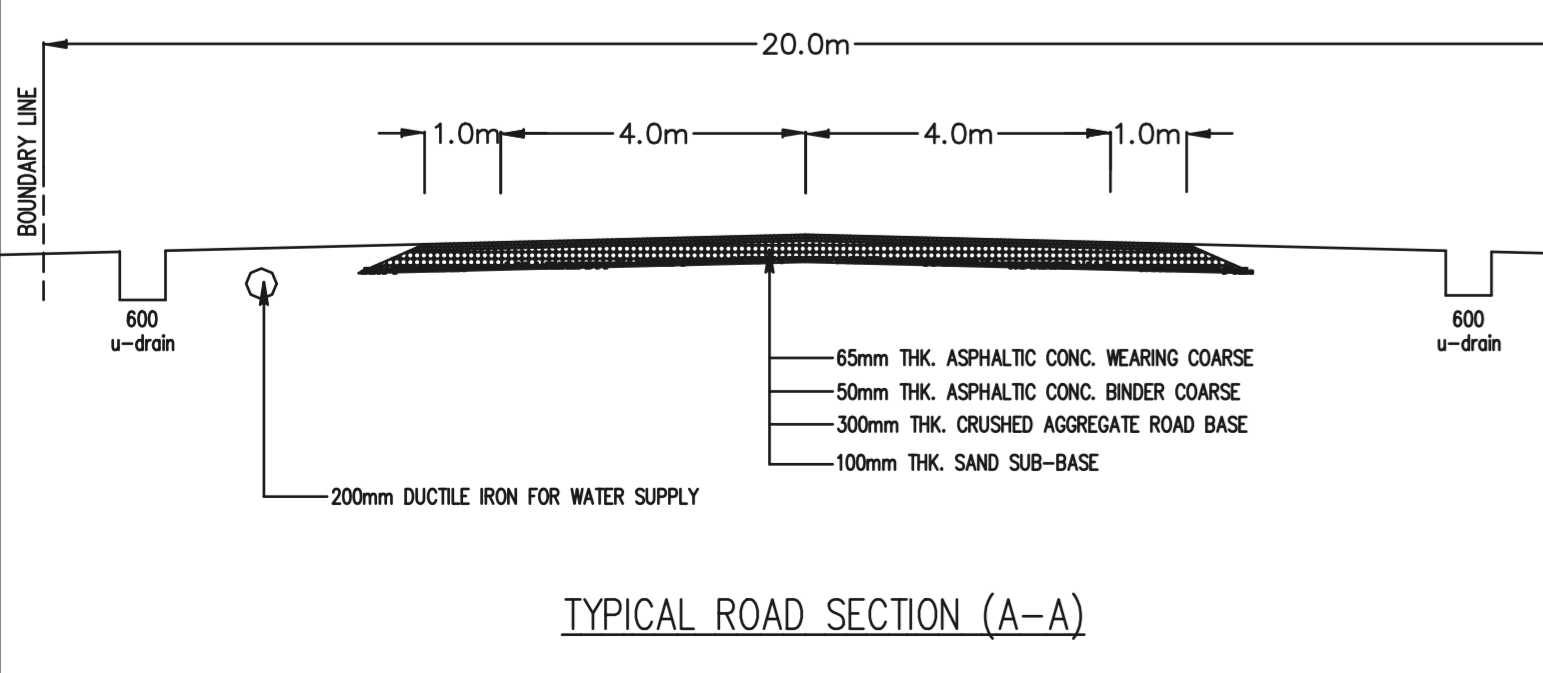


- NOTES (DRAINAGE) :-**
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
  2. THESE DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND SURVEY DRAWINGS.
  3. DRAINAGE WORKS SHALL BE CONSTRUCTED TO THE LINE, LEVELS, GRADES AND CROSS SECTIONS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE P.D.
  4. FINAL DISCHARGE POINT SHALL BE IDENTIFIED AND APPROVED BY THE P.D 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.
  5. THE CONTRACTOR SHALL NOTIFY THE P.D 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 EXCAVATIONS SHALL BE INSPECTED AND APPROVED BY THE P.D PRIOR TO FUTHER WORKS BEING CARRIED OUT.
  6. 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.
  7. DRAINAGE TRENCHES SHALL BE BACKFILLED IMMEDIATELY AFTER THE COMPLETION OF DRAIN LAYING OR INSTALLATION OF CULVERTS AS SOON AS THE P.D HAS INSPECTED AND GIVEN HIS APPROVAL.
  8. 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.
  9. 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 P.D.
  10. ALL DRAINS SHALL HAVE MINIMUM GRADIENT OF 1:300 UNLESS OTHERWISE STATED ON THE DRAWINGS OR AS DIRECTED BY THE P.D.
  11. PRECAST CONCRETE PIPE SHALL COMPLY WITH MS EN 1916:2011 OR OTHER EQUIVALENT STANDARDS AS APPROVED BY THE P.D.
  12. PRECAST CONCRETE BOX CULVERT SHALL COMPLY TO MS 1293, BS EN 1990:2002+A1:2005, BS EN 1991-1-7:2006 OR OTHER EQUIVALENT STANDARDS ACCEPTABLE OR APPROVED BY THE P.D. THE MINIMUM CONCRETE CUBE STRENGTH SHALL BE 30MPa.
  13. CAST IN SITU CONCRETE DRAIN AND PRECAST CONCRETE BLOCK DRAIN SECTION SHALL BE OF GRADE 25P CONCRETE UNLESS OTHERWISE STATED ON THE DRAWINGS.
  14. REINFORCED CONCRETE STRUTS SHALL BE PROVIDED FOR ALL DRAINS WITH BRICK SIDE WALLS EXCEEDING 1 METRE IN HEIGHT. SAFETY RAILINGS SHALL BE PROVIDED FOR OPEN DRAIN WITH MORE THAN 1.2 METRES DEPTH OR OTHERWISE AS DIRECTED BY THE P.D.
  15. WHERE ROADSIDE DRAIN IS NOT PROVIDED, SCUPPER PIPES OR DRAINS SHALL BE INSTALLED AT ROAD KERB WHERE PRACTICABLE, TO THE DRAINAGE SYSTEM NEARBY AT 3 METRES c/c OR OTHER SUITABLE INTERVALS AS APPROVED BY THE P.D.

- NOTES (ROAD) :-**
1. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
  2. ALL EXISTING ROAD AND PAVEMENT SHALL BE MAINTAINED. AREAS AFFECTED BY WORKS SHALL BE REINSTATED TO ORIGINAL CONDITION AT END/COMPLETION OF WORKS A LAYER OF PREMIX SHALL BE LAID TO LINE AND GRADE TO THE APPROVAL OF P.D
  3. ALL SLOPES SHALL BE CLOSE TURFING.
  4. ALL SHOULDERS AT MAIN ROAD SHALL BE PROVIDED WITH ROAD PAVEMENT UNTIL THE DRAIN WALL.
  5. THE BEARING FACES OF ALL EXCAVATIONS SHALL BE FIRM AND WELL COMPACTED
  6. ALL EXISTING ROAD AND PAVEMENT SHALL BE MAINTAINED ARE AS AFFECTED BY WORKS, A LAYER OF PREMIX SHALL BE LAID TO LINE AND GRADE TO THE APPROVAL OF P.D.
  7. THE CONTRACTOR SHALL ENSURE THAT THE SURROUNDING AREA ARE NOT DIRTY. ALL SILT SHALL BE CONTAINED WITHIN THE SITE.
  8. EXISTING KERB, DIVIDER AND PAVEMENT WITHIN THE PROPOSED SITE TO BE DEMOLISHED AND REMOVED FROM SITE.
  9. ALL ROAD MARKING SHALL BE USE THERMOPLASTIC REFLECTIVE PAINT.
  10. ALL INSTALLATION OF UTILITIES NEED TO BE BURRIED UNDERGROUND AN NEED TO BE MARKED ON PLAN.
  11. ALL RADIUS FOR ROAD JUNCTION MUST BE 10m.
  12. CONNECTION TO EXISTING ROAD, DRAIN AND SUMP SHALL BE CARRIED OUT BY CONTRACTOR.
  13. ALL LEVEL ARE ONLY FOR INFORMATION. THE CONTRACTOR IS FULLY RESPONSIBLE TO APPOINT LICENCED SURVEYOR FOR FINAL DETAIL.
  14. ALL DRAINS AND SUMP TO BE PROVIDED WITH PRECAST SLAB OR GRATING UNLESS NOTIFIED OTHERWISE.



- NOTES :-**
1. THE FINISHED LEVEL OF THE PROPOSED ROADS AND PLATFORM LEVELS PROPOSED ARE SUCH THAT IT WILL PERMIT CONNECTION TO ADJOINING EXISTING OR FUTURE ROADS.
- REMARK :-**
- PREMIX
  - PREMIX OUTSIDE BOUNDARY
  - RC STRUCTURE LEVEL 50.00

UNTUK KEGUNAAN MPKCJ:

TAJUK PROJEK:  
**CADANGAN MEMBINA KOMPLEKS MASJID BANDAR TASIK KESUMA DI ATAS LOT PT 11747, MUKIM BERANANG, SELANGOR DARUL EHSAN.**

UNTUK TETUAN JAWATANKUASA PEMBINAAN MASJID BANDAR TASIK KESUMA

PEMILIK:

**JABATAN AGAMA ISLAM SELANGOR (JAIS)**

BANGUNAN MELANJUT DARI SHAL, TENG, I MEMANA MELAKSANAKAN NO.2, PERUSAHAAN MASJID, RESIDEN & KOPERASI BAHAL ALAM. TEL: 03-890-5274 FAX: 03-890-5285 www.jais.gov.my

PEMAJU:

**NASRUDDIN MAHMUD**  
**JAWATANKUASA PEMBINAAN MASJID BANDAR TASIK KESUMA**  
 LOT PT 11747 BANDAR TASIK KESUMA, 47000 BERANANG, SELANGOR DARUL EHSAN. TEL: 03-890-5273 HOTLINE: 013-890-2380 www.jais.gov.my

JURUTERA AWAM DAN STRUKTUR

Adalah menurut kehendak-hendak Undang-Undang Keajaiban Bangunan 1984, Akta Jalan, Perak Dan Bangunan 1974 Dan Undang-Undang Keajaiban MPKCJ dan bersempit bertanggungjawab penuh dengan sewajarnya.

IR. SULAIMAN MISBAH

**NIK JAI ASSOCIATES SDN. BHD** (296232-X)  
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 NO.13, TAMAN ALAM, 47000 BERANANG, SELANGOR DARUL EHSAN. TEL: 03-890-5273 HOTLINE: 013-890-2380 Fax: 03-890-5285 Email: nika@nikjai.com

TAJUK LUKISAN  
**ROAD AND DRAINAGE OVERALL LAYOUT PLAN**

DIREKABENTUK :	HADI
DISEMAK :	IR. SULAIMAN
SKALA :	1 : 1
DILUKIS :	HAZIQ
TARIKH :	JAN 2021

NO. LUKISAN :

P	S	T	C	A
PRELIMINARY	SUBMIT	TENDER	CONSTRUCTION	AS-BUILT