ALASIM OMAR ARCHITECT
F-27-1, Block F, 1st Floor,
Royal Plaza Putatan, KM 11.2, Jalan Putatan,
88200, Kota Kinabalu, Sabah.
email : alasim.architect@gmail.com
Tel : 088 760 752 Fax : 088 761 752

Ruj Kami: AoA/BBPut/PA01
Tarikh: 24 Jun 2022

Kepada : **PEJABAT POS BESAR**
KOTA KINABALU,
Jalan Chong Thein Vun,
Off Jalan Tun Razak,
88670 Kota Kinabalu,
Sabah.
u/p: Pengurus Besar

Tuan,

Tajuk : **PEMBINAAN PROJEK BALAI BOMBA DAN KUARTERS PUTATAN, SABAH**

Perkara: **Permohonan Alamat untuk Bangunan Balai Bomba Putatan, Kota Kinabalu, Sabah**

Dengan segala hormatnya kami merujuk kepada perkara di atas, kami bagi pihak Bomba Malaysia ingin memohon pendaftaran alamat rasmi untuk premis di atas.

Pembangunan ini terbahagi kepada 2 bahagian iaitu:
1. Balai Bomba
2. 4 unit kuarters jenis apartment.

Disertakan surat kelulusan daripada Majlis Daerah Putatan dan pelan untuk rujukan pihak tuan.

Sila berhubung dengan pihak kami sekiranya tuan memerlukan penjelasan lebih lanjut.

Sekian dan terima kasih,

Yang benar,
ALASIM OMAR ARCHITECT

LEMBAGA ARKITEK MALAYSIA



Ar. IDr. Datu Alasim bin Datu Omar
LAM Reg. Number : A/D 17
LAM Reg. Number : ID/D 6
Mobile : +6 013 - 39 75752

TELEFON
PEGAWAI EKSEKUTIF : 088772819
HOTLINE : 088772823
: 088772812
PEJABAT PENTADBIRAN : 088772813
: 088772815
: 088772816
FAKS : 088772825

MAJLIS DAERAH PUTATAN
BANGUNAN MINI DEWAN
PEJABAT DAERAH PUTATAN
JALAN BENGKEL JKR-PASIR PUTIH
88200 PUTATAN, SABAH
MALAYSIA

Ruj. Kami : MDPTN (D) : 200-0(2020)/8/11
Tarikh : 5 April 2022

RECEIVED
8/4/2022
DANIAL AFIFI

Alasim Omar Architect,
F-27-1, Royal Plaza Putatan,
KM 11.2, Jalan Putatan,
88200 Putatan.

Tuan,

CADANGAN PROJEK PEMBINAAN PROJEK BALAI BOMBA & KUARTERS PUTATAN DI SEBAHAGIAN LOT NT.213059771 JALAN SAILAN IMBAAN, PUTATAN

- *Keputusan Mesyuarat Jawatankuasa Perancang Bandar & Pelan Bangunan*

Dengan segala hormatnya, perkara di atas adalah dirujuk.

02. Sukacita dimaklumkan bahawa permohonan daripada pihak tuan diberikan **KELULUSAN** selaras dengan keputusan Mesyuarat Jawatankuasa Perancang Bandar & Pelan Bangunan bil 2/22 bertarikh 4 April 2022. Walaubagaimanapun, pihak tuan diminta untuk mematuhi syarat-syarat kebenaran merancang (Lampiran A) dan segala kehendak teknikal agensi-agensi berkaitan semasa dan selepas pembinaan dilakukan seperti berikut :

a) Pematuhan syarat-syarat teknikal Jabatan Kerja Raya yang tertera di dalam surat **JKR.KBU.DL/415/Jld.12 (37) bertarikh 12 Julai 2021**
b) Pematuhan syarat-syarat teknikal Jabatan Perlindungan Alam Sekitar yang tertera di dalam surat **JPAS ASSH (B)91/110/907/213(08) bertarikh 10 Feb 2021**
c) Pematuhan syarat-syarat teknikal Sabah Electricity Sdn Bhd yang tertera di dalam surat **SESB (SESB/KPKK/100-12(20)/10 bertarikh 07 Dec 2020**
d) Pematuhan syarat-syarat teknikal Pejabat Kesihatan yang tertera di dalam surat
e) **PKDP/KPAS/09/01/58 bertarikh 26 Nov 2020**
f) Pematuhan syarat-syarat teknikal Jabatan Bomba Penyelamat Malaysia yang tertera di dalam surat **JBPM/SB/BKK:700-2/1/2/623(4) bertarikh 13 Ogos 2020**
g) Pematuhan syarat-syarat teknikal Jabatan Tanah dan Ukur yang tertera di dalam surat **JUD.PB(S):D(13)-26(39)/13/(JB/...) bertarikh 22 Dec 2020**
h) Pematuhan syarat-syarat teknikal Jabatan Air Negeri Sabah yang tertera di dalam surat **JAN.KK:600-1/(XI)/403-4 bertarikh 18 Feb 2021**
i) Pematuhan syarat-syarat teknikal Jabatan Perancang Bandar & Wilayah yang tertera di dalam surat **JPBW:21/12/60(71) bertarikh 19 Jan 2021**
j) Pematuhan syarat-syarat teknikal Jabatan Perancang Bandar & Wilayah yang tertera di dalam surat **JPS(PPG)100-44/2/20/17(36) bertarikh 17 Feb 2022**

Ruj.Kami : MDPTN (D) : 200-0(2020)/8/11
Tarikh : 5 April 2022

03. Sehubungan dengan itu, pihak tuan diminta untuk mengemukakan bayaran yuran proses + yuran kelulusan sebanyak **RM 110.00**. Bersama ini dikemukakan Lampiran A dan surat ulasan daripada agensi berkaitan untuk rujukan dan tindakan selanjutnya daripada pihak tuan. Kerjasama pihak tuan berhubung perkara ini amatlah dihargai.

Sekian.

"BERKHIDMAT UNTUK NEGARA"

Saya yang menjalankan amanah,

(AHMAD HELMY BIN MOHD TAIB)
Pegawai Eksekutif
Majlis Daerah Putatan

s.k - MOHD AFZAL BIN MAT KIAR

NBO/US

"SABAH MAJU JAYA"

Ruj.Kami : MDPTN (D) : 200-0(2020)/8/11
Tarikh : 5 April 2022

ADDITIONAL REQUIREMENTS (Lampiran A)

This development plan approval is given to **Alasim Omar Architect/ Pembinaan Projek Balai Bomba** and is valid for a period of two (02) years commencing on **5 April 2022** it is the consultant sole responsibility to ensure that the works are carried out under his close supervision together with his team of consultants upon approval of all the associated plans including the safety of all the structures such as building, roads, retaining walls, safety and protection structures of slopes/ embankments, swarage system, drainage system, protection structures for adjacent/adjoining lands, water supply, electricity supply and any other associated structures and facilities as approved by the local authorities for the completion of this development.

1. Submission before commencement of works

a. Compliance with all the technical requirements as required by the Technical Department comment;

b. All infrastructure plans such as access road,drainage system, sewerage system, water supply system, and electricity supply system;

c. All infrastructure that are constructed on reclaimed and unstable ground conditions are to be supported by piled foundation. These include sewer pipes, manholes, R.C. drain sewerage treatment plant and roads;

d. All commercial footways are to be 7 feet wide and not less than 10 inchies in height and tiles (non-slip homogeneous) and edged with angle bar including the manhole sewerage covers. The R.C. drain (2.0ft wide) is to be located outside the footways and to be 10 inches lower and at the same level as the road.Latched grille (heavy duty) opening shall be provided with a size of 2.0ft by 3.0ft at 8 feet interval;

e. Earthworks plan together with erosion and sedimentation control plan (ESCP) to be submitted before the commencement of earthworks including washing pan for vehicles;

f. Proper protection against surface soil erosion/ lanslipes etc. should be provided.propoer. Protection means measures such as retaining wall, close turfing ect. All engineering details and drawings must be submitted and approved by the council before commencements of works;

g. letter of consent from the adjacent landowner(s) for any earthworks encroachment. Otherwise, retaining wall to be provide complete with R.C. CUT-OFF-DRAIN;

h. building plans of site office and labour quarters to be submitted for checking and approval prior to commencement of works. Provision of proper sanitation and drainage to be incorporated in the plans;

i. Erection of hoarding or fencing the whole site to the satisfaction of the council and to ensure the safety of the public;

j. To take necessary or remedial action not to disturb or or couse any nuisance or encroachmnent of adjacent/ adjoining land during the course of construction and to maintain existing drainage system;

k. to submit lansdscape plan for the development and facilities for the open space and/ or improvement to the existing facilities by a registrered landscape architect. All landscaping shall be completed six(6) months before the submission of application for occupation certificate;

l. Sewerage treatment plant to have not less than 7 feet setback all around and to be fenced up with interlocking brickwalls 5.5ft high complete with 3- strand barb wire fence on top fixed on a 2-inch angle bar at 8 inches center o center;

m. Submission of sewerage treatment plant and its system including sewer lines. The consultant is required to submit STP effluent test result for initial period of 8 months and 18 months from the date of operation, and a maintenance deposit of RM50.00 per population equivalent of STP design/capacity of period of 24 months. This maintenance deposit shall not be development under the Management Corporation;

n. All sewer pipes are to be verified clay pipe, glazed clay pipe, kitchen iron pipe and HDPE (D Class) with SIRIM certification; minimum diameter of connecting sewer line between building and manhole must be 8 inches and main trunk 12 inches.

o. Provision of Refuse Bin Centre complete with heavy duty for wall and floor, cut-off-drain and water supply washing purposes;

p. Submission of drainage plan as a per Jabatan Pengairan dan Saliran requirement; All drain reserves must be accessible for maintenance purpose;

q. submission of traffic circulation plan, inclusive o0f road signage, retroreflective thermoplastic road marking with a minimum thickness of not less than 2mm nor more than 5mm, name of development, and house numbering;

r. Street lighting plans and details including its' control panel;

s. For strata title property, no encroachment such as sewer waste pipe or soil pipe is allowed to the next unit;

t. Memorandum of transfer for reserve such as Open Space, sewerage treatment plant, and all infrastructure reserves is to be prepared and submitted to Council before application of Occupation Certificate. This requirement is applicable for development which is not under Management Corporation;

u. As-Built Survey Plan and final finished level(s) are to be submitted together with the application for Occupation Certificate;

v. Submission of built plan, approved subdivision plan, and CCTV sewerage inspection report before application of Occupation Certificate;

w. Installation of CCTV camera at entrance, carpark and strategic locations of housing development (for condominium only) commercial areas;

x. For phased development that has not been implemented or completed three years after Occupation Certificate issued for the initial phase, the Council reserves the right to impose additional conditions for the whole development (inclusive of the completed stage with Occupation Certificate);

y. Where earthworks (i.e. cutting, filling, compacting etc) are required, development plans with suitable contour lines indicating cutting and filling etc. should be submitted for checking and approval. Sufficient longitudinal and cross sectional detail shall be including in the submission including slope and erosion control protection;

z. Proper protection of earthwork against surface soil erosion and landslips etc. should be provided. Proper protection measures such as close-turfing, proper compacting of earthwork, retaining structures (where necessary) etc. should be provided during the continuance of work and upon completion of work;

aa. Where foundation work required conventional percussion method of piling, the Consultant employed by the developer must submit calculation to guarantee that the adjacent existing properties will not be in anyway affected by the development piling works. Alternative solution such as bored micro piled should be adopted to minimize disturbance and damaged to the existing adjacent properties;

bb. During the course of construction of any works the developer must practice the washing of their vehicle inclusive of tires and undercarriage to be freed from mud and debris or the like could be carried and dropped and deposit on the adjacent public road which can be dirty, slippery and will cause accident;

Ruj.Kami : MDPTN (D) : 200-0(2020)/8/11
Tarikh : 5 April 2022

cc. Road pavement details and design together with the supporting calculations should be submitted for checking and approval prior to the commencement of construction;

dd. Detail design with calculation for access junction and R.C. culvert should be submitted for checking and approval;

ee. Consultants are required to carry out quality control test for work carried out on all road reserves and test results should be produced. Not withstanding to the above, JKR or the Council can carry out quality test before taking over the completed works;

ff. Upon completion of the works under jurisdiction of JKR and Council, as-built and inventory drawings duly verified and certified by the Professional Engineer should be submitted to JKR and Council for necessary checking and record purposes;

gg. No discharge of excess water from first floor balcony/ veranda through weep holes direct to the ground floor. All excess water shall be channeled to the downpipe;

MAJLIS DAERAH PUTATAN SABAH MALAYSIA

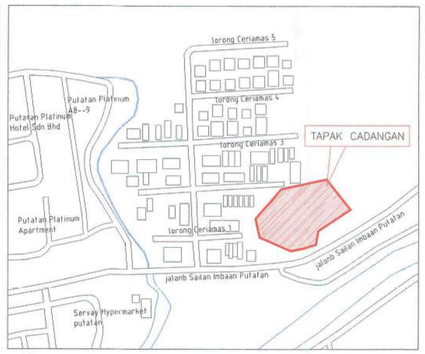
(AHMAD HELMY BIN MOHD TAIB)

Pegawai Eksekutif

Majlis Daerah Putatan



2 **PELAN KUNCI**
NOT TO SCALE



3 **PELAN LOKASI**
NOT TO SCALE

KEHENDAK-KEHENDAK PEPASANGAN MENENTANG KEBAKARAN ATAU KELENGKAPAN KESELAMATAN KEBAKARAN

Pelan Tapak

1. Adakan 2 buah pili bomba jenis dua hala dengan jarak 91.5 meter di antara satu pili bomba dan pengeluaran air sebanyak 1135 liter seminit bagi setiap pili seperti yang ditandakan di dalam pelan.
2. Adakan jalan masuk perkakas bomba (access road) dengan kelebaran tidak kurang 6 meter yang boleh menanggung beban 25 tan sepertimana yang ditandakan di dalam pelan.
3. Kecerunan jalan akses perkakas bomba hendaklah tidak kurang 1 : 12.
4. Ketinggian kelegaan hendaklah tidak kurang daripada 5 meter.
5. BALAI:
   Adakan 4 Alat Pemadam Api 9.0 kg, alat pemadam api jenis debu kimia kering ABC seperti yang tertanda didalam pelan. Alat-alat Pemadam Api ini hendaklah dari jenis yang diluluskan oleh SIRIM dan JBPM dan hendaklah dihantar ke Balai Bomba untuk diperiksa sebelum dipasang.

   KUARTERS:
   Adakan 4 Alat Pemadam Api 6.0 kg, alat pemadam api jenis debu kimia kering ABC seperti yang tertanda didalam pelan. Alat-alat Pemadam Api ini hendaklah dari jenis yang diluluskan oleh SIRIM dan JBPM dan hendaklah dihantar ke Balai Bomba untuk diperiksa sebelum dipasang.

   BILIK PAM, STOR 1, STOR 2:
   Adakan 3 Alat Pemadam Api 9.0 kg, alat pemadam api jenis debu kimia kering ABC seperti yang tertanda didalam pelan. Alat-alat Pemadam Api ini hendaklah dari jenis yang diluluskan oleh SIRIM dan JBPM dan hendaklah dihantar ke Balai Bomba untuk diperiksa sebelum dipasang.

Peringatan

1. Segala syarat-syarat yang di kemukakan adalah tertakluk kepada rekabentuk dan kegunaan bangunan tersebut. Sekiranya terdapat sebarang perubahan yang dilakukan ke atas rekabentuk atau kegunaannya seperti yang dicatatkan di atas pelan maka hendaklah dirujuk kepada Jabatan Bomba dan Penyelamat, Malaysia untuk dikaji semula.
2. Segala pemilihan bahan dan penggunaanya yang berkaitan dengan keselamatan kebakaran bagi projek cadangan serta sistem pencegahan kebakaran hendaklah memenuhi UBBL 1984 dan peraturan – peraturan yang diterima sahaja yang dibenarkan oleh Jabatan Bomba dan Penyelamat, Malaysia.

MEMORANDUM OF DEVELOPMENT

1. SIZE AND LOCATION OF DEVELOPMENT
The proposed development size is 1.756 Acres at part of Lot N.T 213059771, Jalan Sailan Imbaan Putatan, Daerah Putatan, Negeri Sabah. 10m will be surrendered to JKR for 'right of way' to the site at the back.

2. PROPOSED DEVELOPMENT
The proposed development is to build, complete a Class C, 2 boy 'Balai Bomba', 'Kuarters" 3 unit Class F and 1 unit Class E.

3. LEVEL
Existing Road level varies from 3.0m to 3.2m. New platform will be 4.0m.

4. DESCRIPTION OF SITE
Description of site. The terrain / level varies from 4.2m to 4.8m. Some area have slope around 600mm high.

5. ROAD
Layout of road and dimensions are as indicated on plan. Road pavement, design and calculation to be submitted in the roadwork plan by C&S engineer at a later date.

6. ELECTRICITY
Street lighting and power supply demand to comply to SESB requirement s and to be submitted to SESB for contribution fee calculation and design approval by M&E engineer at a later date.

7. TELECOM
Telephone poles and cable route to comply to Telekom requirements and to be submitted to Telekom for contribution fee calculation and design approval by M&E engineer at a later date.

8. WATER SUPPLY
Water supply to tap from existing government mains and stored in new water tower. Calculation of water storage capacity and water reticulation plan to be submitted by C&S engineer.

9. DRAINAGE
Surface water of the development to be drained into retention / detention pond before discharged to government roadside drain. To be submitted by C&S engineer at a later date.

10. SEWERAGE DISPOSAL
Sewerage disposal of the whole development to be discharged to main sewer line. Sewerage plan to be submitted by C&S engineer at a later date.

11. BOMBA'S REQUIREMENT
2 nos of 2-way pillar type fire hydrant approved by Jabatan Bomba dan Penyelamat Malaysia will be provided and installation would be to Bomba's Specification. Distance between roadside and the fire hydrant shall not be more than 2.0 meter. Water main pipe connected to the fire hydrant shall be 150mmm diameter. Width of all carriageway will not be less than 6 meter wide and capable to withstand 25-ton fire engine.

12. LANDSCAPE
Minimum 10% of green area to be provided. Total green area is 1729.99sqm = 24%

13. EARTHWORKS
The earthwork plan with suitable contour lines indicating cutting, filling level, retaining walls etc. will be submitted by a C&S engineer at a later date.

14. ENVIRONMENTAL IMPACT ASSESMENT (EIA)
No requirement for EIA report submission by EIA consultant.

15. TRAFFIC IMPACT ASSESMENT (TIA)
No requirement for TRAFFIC IMPACT ASSESSMENT (TIA) by Traffic consultant.

16. ENGINEERING ASPECTS
All engineering plans and calculation for infrastructural work such as electricity, water supply, sewerage, roads, r.c. works, telephone, street light etc to be submitted by C&S engineer and M&E engineer at a later date.

17. AREA AND DIMENSIONS
All areas and dimensions are scaled and subject to final ground survey by a licensed land surveyor.

NOTA :

1. Lukisan Arkitek adalah kerjarja tanpelihara.
2. Semua ukuran mesti disemak diatas tapak binaan. Hanya ukuran yang dicatatkan sahaja perlu digunakan. sahaja perlu digunakan. Kontraktor hendaklah merujuk pada Lukisan Kerja Luar Bangunan dan Struktur untuk kerja-kerja Sivil & Struktur dan Lukisan Mekanikal dan Elektrik untuk kerja-kerja Mekanikal & Elektrik.
3. Segala percanggahan tapak bina hendaklah dilaporkan kepada Pegawai Pengurusa.
3. Ibatan binaan dinding rujuk butiran dan ketuluasan jurutera.
4. Semua maklumat ukuran dan spesifikasi bahan
5. Untuk Siling, Pintu, Tingkap, Jerji, Susuntangan, Perabut dan Aksesori tambina yang lain sila rujuk lukisan butiran.

PERHATIAN:-

-BILIK Kawalan (Berfungsi Dingin 24 Jam) dan BILIK MDF.
Pengangan binding Double Cavity dengan 25 mm gap diisi dengan Fire Retardant PU foam.

SISTEM KAWALAN KEBAKARAN

Simbol	Butiran
ABC-9	Pemadam Api Mudah Alih Serbuk Kering 9kg
ABC-6	Pemadam Api Mudah Alih Serbuk Kering 6kg
Co2	Pemadam Api Mudah Alih Karbon Dioksida
K	Tanda Keluar
EL	Lampu Kecemasan
FD1	Pintu Rintangan Api 1 jam
FD2	Pintu Rintangan Api 1 jam
FD3	Pintu Rintangan Api 1 jam

PETUNJUK

LANTAI

aras lantai
bahan/sistem binaan — kemasan lantai

RC – Kerja-kerja bertelulang. (rujuk butiran JURUTERA)

LS – 20mm tbl lapekan simen
CA – Roll Carpet dgn 100% fiber sintetik BCF berat pile min. 850gm/sqm PVC FiberGlass Reinforce Backing dgn. kamb kayu dengan ketuluasan Arkitek.
JH – 600mm x 600mm x 8mm tbl. jubin homog. atau setara/ lengkap dgn. 300mm x 150mm x 8mm tbl. kamb sekeliling 1/d lapisan kalis lembap mengikut ketuluasan arsitek.
JH1 – 300mm x 300mm x 8mm tbl. jubin 'non slip' homog. atau setara/ lengkap dgn. 300mm x 150mm x 8mm tbl. kamb sekeliling 1/d lapisan kalis lembap mengikut ketuluasan arsitek.
JH2 – 100mm x 100mm x 8mm tbl. jubin homo. 'heavy duty' atau setara/ lengkap dgn. 100mm x 100mm x 8mm tbl. kamb sekeliling 1/d lapisan kalis lembap, warna dan jenis yang diluluskan arsitek.
HT – 300 x 600 homogeneous tile
VHD – Very heavy duty Epoxy floor to manuf's spec.
RM – 50 x 50 x 25 thk. Rough surface Rubber mat Tiles. Colour to Arch's selection

DINDING

kemasan dlm. — bahan/sistem binaan — kemasan luar

BB – 110mm tebal dinding batu, bata dengan lapa simen pada kedua-dua permukaan 20 mm tebal (DALAM dan LUAR) serta di cat atau mana-mana kemasan seperti dinyatakan.
DDC – 110mm tebal dinding batu bata /Hollow brick dengan rongga 50 mm tebal/ gap/ serta lapa simen 20 mm tebal (DALAM dan LUAR) serta di cat atau di mana-mana kemasan seperti dinyatakan.
PD – Binaan sistem berdaudu (BS) rajak sistem dan bukan pengeluar yang diluluskan oleh JKR serta lapa simen 20 mm tebal (DALAM dan LUAR) serta di cat atau di mana-mana kemasan seperti dinyatakan.
KT – 225mm tbl dinding konkrit tetulang (rujuk butiran JURUTERA)
CE – Dalaman– 1 coat basecoat sealer dikuti dengan 2 coat Straw., APEO (Alkylphenol Ethoxylate) free dan rendah VOC (Volatile Organic Compound) serta dengan keluasan 'Green Label' oleh SIRIM dan anti-fade color dengan 6 tahun warranti .
CTC – Luaran– 1 coat alkaline resisting primer dikuti dengan 2 coat cot 2X UV Protected Colours, Dirt Resistant, Temperature Reduction, Weather Resistant , 100 % acrylic anti kulat, rendah VOC (Volatile Organic Compound) serta dengan keluasan 'Green Label' oleh SIRIM dan anti-fade color dengan 6 tahun warranti .
AK – Dinding Aluminik jenis Panel Rockwool atau setaraf – Tuli –Height , dipasang menyikut buliran dan rasahut Pembekal serta diluluskan oleh pihak 'specialist'.
JS – 300 x 600mm x 6 mm tbl. jubin seramik glaq. Jenis, warna dan corak yang diluluskan Arkitek.

PERHATIAN:-

1. Bagi SEMUA pemasangan jubin– LANTAI & DINDING (kecuali seperti dalaman tahkan)– 3mm– 6mm tebal agen pelekat / bonding agent , cement based adhesive jenis BELCEM SUPERFLEX 21 atau mana–mana yang setara dari segi kualiti seperti water resistance, flexible dan high strength hendaklah digunakan.
2. Bagi SEMUA sambungan antara jubin (3mm tebar atau kurang)– jenis water resistance , compressible cement– based 'fine' grout BELCEM , warna atau mana–mana jenis yang setara yang diluluskan Arkitek.
3. Semua kerosh kongurun dan pemasangan hendakkan mengikut bulitan Pembekal serta dengan kelulusan Arkitek.

BUMBUNG

Kerangka bumbung
Kemasan bumbung

KK – kerangka bumbung jenis yang diluluskan oleh JKR
KS – 100mm tbl konkrit tetulang 'laid to fall' dgn. slpr 150mm (iklan) x 30 mm (dalam) ; dbahagian yang dinyatakan Semua permukaan , hendaklah dikemaskan dengan lapisan kalis air jenis crystallisation/cementitious water proofing dengan kualiti membolekkan cahaya dan haba dari permukaan konkrit. (lukisan muktamad – rujuk butiran JURUTERA)

PC – 65 mm tebal bumbung jenis kepingan Polycarbonate 'Heat Ray Cut (HRC) Series type Solid Sheet with atau setara dengan warna 'tinted' yang diluluskan Arkitek I/d sistem tingkai keluli sederhana keras 3mm tebal.
AP – 0.55 mm tebal bumbung jenis kepingan Aluminium lengkap dengan 'flashing' termasuk di tiris , perabung 'cdge' , di hujung bumbung 'fascia' / 'barge' dan 'corner flashing' di dan juga aksessori lain yang berkaitan, serta lapisan penebat habo– fire retardant grade 'double – sided' type layer jenis air bubble reflective radiant barrier foil yang di tampung oleh 1 lapisan dawai mata pundi / setara yang diluluskan oleh JKR.

SILING

KERANGKA SILING
Kemasan siling

RC – Konkrit bertetulang. (rujuk butiran JURUTERA)
SG – Kerangka siling jenis 'zinc/aluminium coated' grade keratan keluli (steel section) 0.5 mm tebal ('channel'/ main runner' & 'suspension clip') , dan 3mm. diameter galvanised mild steel suspension rod , melainkan dinyatakan.
ST – Kerangka siling tetap , jenis keluli sederhana keras 0.5 mm tebal – 'channel'/'runner' dan 5mm diameter galvanised mild steel suspension rod , melainkan dinyatakan.

SEMUA SAIZ–SAIZ KOMPONEN KERANGKA DAN KAEDAH PEMASANGAN KERANGKA SILING HENDAKLAH MENGIKUT BUTIRAN PEMBEKAL SERTA DILULUSKAN OLEH JURUTERA

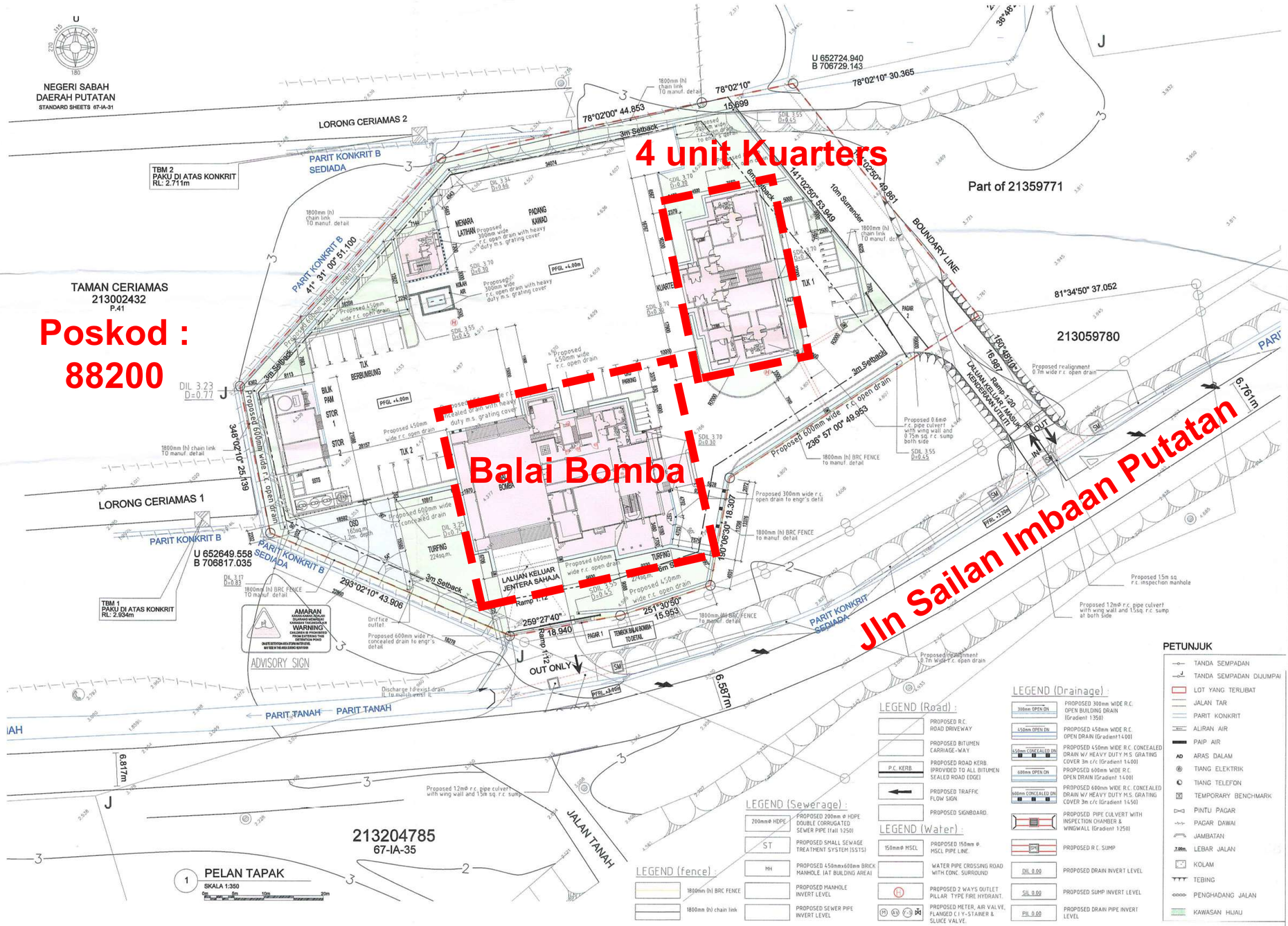
PF – Plaster Board Ceiling dengan ketebalan 12mm yang diluluskan Arkitek
AL – 0.55mm tbl Siling Jalur Aluminium ' Aluminium Strip Ceiling 'rujuk bulitan pengekar dgn corak / warna yang diluluskan Arkitek.

LEGEND (General)

BOUNDARY LINE — +5.40m — PROPOSED FINISHED GROUND LEVEL
PROPOSED BUILDING — 0.00 — EXISTING GROUND LEVEL

KELUASAN KESELURUHAN (M.SQ.)

BALAI	= 840
KUARTERS	= 632.6
RUANG SWITCH	= 17
BILIK PAM, STOR 1&2	= 85
MENARA LATIHAN	= 164
TOTAL	= 1,741.6 M.SQ.



NOTES

The contractor shall varified all dimensions on site prior to commencement of work.
Do not scale drawing, use written dimensions or grid lines only.
This drawing to be read in conjunction with the specification and conditions of contract.
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MAJLIS DAERAH PUTATAN
No. Siri : MDPTN(D):200-0(2020)/8
No. Lukisan : 200413/JBPMput/M-01 REV.1
Item : KELULUSAN PELAN PEMBANGUNAN
Pelan yang dinyatakan diatas adalah diluluskan tertakluk kepada syarat-syarat yang dinyatakan didalam surat.
Ruj. MDPTN : MDPTN(D):200-0(2020)/8/11
bertarikh : 5 APRIL 2022

Pelan ini diluluskan atas Pengesahan / Perakuan Oleh Akitek / Jurutera / Pemaju / Pemilik Projek.

No.	Description	

KERAJAAN MALAYSIA

TAJUK PROJEK

CADANGAN PEMBINAAN PROJEK BALAI BOMBA & KUARTERS PUTATAN DI ATAS SEBAHAGIAN LOT N.T 213059771, JALAN SAILAN IMBAAN PUTATAN, DAERAH PUTATAN, SABAH

PEMILIK PROJEK :
Ar. ZUHAIRI BIN HANAFI
Timbalan Setiausaha Bahagian
Cawangan Pengurusan Projek
Bahagian Pembangunan dan Pelaksanaan Projek Kementerian Perumahan dan Kerajaan Tempatan
KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN
Bahagian Pembangunan & Pelaksanaan Projek, Aras 5, No. 51, Persiaran Perdana, Presint 4, 62100 Putrajaya, Malaysia

PEMILIK BANGUNAN :
MOHD AFZAL BIN MAT KIAR
Penguasa Kanan Bomba II
Bahagian Pembangunan
Jabatan Bomba dan Penyelamat Malaysia
BAHAGIAN PEMBANGUNAN, IBU PEJABAT, JABATAN BOMBA DAN PENYELAMAT, MALAYSIA Tingkat 4, Lebuh Wawasan, Presint 7, 62250 Putrajaya, Malaysia.

"SAYA MEMPERAKUI BAHAWA BUTIRAN-BUTIRAN DI DALAM PELAN-PELAN INI ADALAH MENURUT KEHENDAK-KEHENDAK UNDANG-UNDANG KECIL BANGUNAN SERAGAM 1984 DAN SAYA SETUJU TERIMA TANGGUNGJAWAB PENUH SEMATAMATA"

LEMBAGA ARKITEK MALAYSIA

Ar. Datu Alasim Datu Omar
PROFESSIONAL ARCHITECT
LAM REGISTRATION NUMBER : A/D 17

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