REMT

RFIT

REQUEST FOR INSPECTION AND TESTING

PROJECT :	CADANGAN PEMBINAAN BALAI BOMBA DAN PENYELAMAT BEAUFORT SABAH	PROJECT NO :	BOMBA-BEAUFORT
TO :	Noor Izwan Architect	REF NO :	RFIT/BOMBA/2020/ARC/ 08
ATTN. :	Mr. Syahril Mohd Ariffin		

The following works / tests are ready for inspection / will be conducted at 8.00am (time) on 17.12.2020 (date).

DESCRIPTION OF WORKS

Location : main building.

Nature of Work : inspection for anti-termite spray.

Sketches (if required) : G.Line. 6-9/A°-G1/A°-F1/D-E

(Note : Where required, include details of materials, labour and plant / equipment to be used).

Submitted by		Received by COW / RE	
Signature :		Signature :	SYAHRIL MOHD ARIFFIN INSPECTOR OF WORK CKM PPM 315 BEM W12782
Name :	RONNY BIN LESA SITE AGENT REMT UTAMA SDN. BHD. 16.12.2020	Name :	
Time/Date :		Time/Date :	17.12.2020 / 8.30 am

c.c. 1 3

2 4

INSPECTION/TEST RESPONSE

☑	Inspection / Test acceptable / passed. Work are allowed to proceed.	Remarks /Remedial Works:
☐	Remedial works listed on the right to be completed but no further inspection required.	
☐	Remedial works listed on the right to be completed and re- inspection required on _____ (date) at _____ (time)	

Signature : SYAHRIL MOHD ARIFFIN INSPECTOR OF WORK CKM PPM 315 BEM W12782 (COW/RE)

Date :

RE-INSPECTION/RE-TEST RESPONSE :

☐	Re-inspection /Re- test acceptable / passed. Work are allowed to proceed.	Remarks /Remedial Works:
☐	Further Remedial works listed on the right to be completed but no further inspection required.	

Signature : (COW/RE)

RFT : 08

Anti termite spray

CONCRETE NOTES

A. CONCRETE

(i) All concrete shall be generally Grade 30 unless otherwise specified.
(ii) Slab thickness does not include floor finishes.
(iii) Slabs and beams must be placed monolithically unless otherwise stated.
(iv) Spacer bars of 25mm dia. shall be provided at 1200mm c/c for reinforcement exceeding one layer in beam.
(v) During construction, care shall be taken to maintain the structure in a stable condition and to ensure that no part shall be overstressed under construction activities.
(vi) Fine and coarse aggregates shall comply with EN 12620 and EN 933, nominal coarse aggregates size shall be 20mm unless otherwise stated.
(vii) All exposed edges to be chamfered 20mm x 20mm unless otherwise indicated.
(viii) The maximum concrete slump shall be determined during trial mixes and shall be approved by the engineer.
(ix) All concrete shall be compacted using mechanical vibrators in accordance with the specification for concrete works.
(x) The minimum clear cover to main reinforcement shall be as follows:

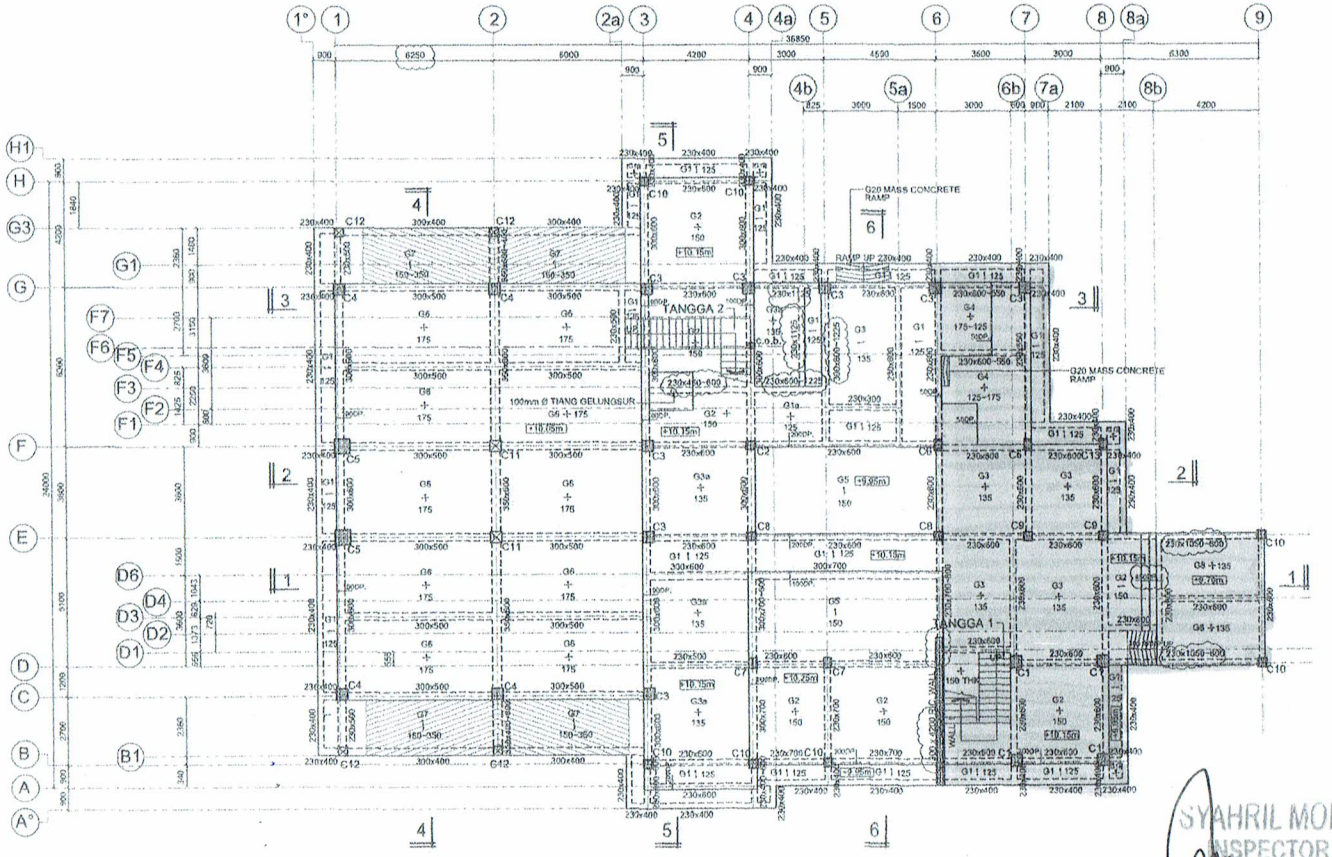
50mm for works below ground
25mm for columns, beams and slabs above ground

B. REINFORCING STEEL

(i) Type of reinforcement required to EN 10080 are denoted by the following symbols
R - Mild steel bar characteristic strength 250 N/mm².
T - High yield Type 2 deformed bars, characteristic strength 500 N/mm².
(ii) Steel fabric shall comply with EN 10080 and BS4483.
(iii) Bending of reinforcement shall be accordance with EN 1992
(iv) Laps other than those shown in the drawings shall be made only with the approval of the engineer. This approval may not be given in area of high reinforcement stress and/or congestion of reinforcement.
(v) All lap length shall comply with the requirements of EN 1992. Splices shall be staggered wherever possible.
(vi) Anchorage and minimum lap length for Type 2 deformed yield bars.

Diameter	Lap Length	Tension Anchorage
T10	400	400
T12	480	480
T16	640	640
T20	800	800
T25	1000	1000
T32	1280	1280

(vii) Cranking of column bars shall not exceed a slope 1:10. These lengths are to be increased by a factor of 1:6 where the clear distance between adjacent laps is less than the greater of 75mm or 6 x the size of the lapped rebar.



PELAN LANTAI ARAS BAWAH

SCALE 1:100

NOTE : C.O.B TO BE 225x225mm REINFORCED WITH 4T16 & R8-125

SYAHRIL MOHD ARIFFIN
INSPECTOR OF WORK
PPD WAN PPM 315
BEM W12782

PELANGGAN :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

PENGGUNA/PENGGUNA :

JABATAN BOMBA DAN PENYELAMAT MALAYSIA
JABATAN BOMBA DAN PENYELAMAT MALAYSIA
LEVEL 9 KAMSIAH TOWER 2
62653 PUTRAJAYA.

AGENSI PELAKSANA :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN
BAHAGIAN PEMBANGUNAN DAN PELAKSANAAN PROJEK
CAWANGAN PENGURUSAN PROJEK, ARAS 5-8, NO 51,
PERSIARAN PERDANA, PRESINT 4, 62100 PUTRAJAYA

KPKT

Ar. HJ. ZAMMURI BIN RAMLI
TIMBALAN KETUA PENGARAH (PTT)
BAHAGIAN PEMBANGUNAN DAN PELAKSANAAN PROJEK
KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

TAJUK PROJEK :

CADANGAN PEMBINAAN PROJEK BALAI BOMBA DAN PENYELAMAT BEAUFORT BERSERTA KEMUDAHAN TAMBAHAN MENARA LATIHAN, SETOR LOGISTIK, KOLAH AIR, PADANG KAWAD, RUMAH SAMPAH DAN PENCAWANG ELEKTRIK SESB DI ATAS LOT NO 175331227, JALAN KOMPLEKS SUKAN, DAERAH BEAUFORT, 89800 PEKAN BEAUFORT, SABAH.
UNTUK TETUAN:
JABATAN BOMBA DAN PENYELAMAT MALAYSIA

JURUTERA AWAM & STRUKTUR

AKTIF FA KONSULT SDN BHD
CONSULTING CIVIL & STRUCTURAL ENGINEERS, PROJECT MANAGERS
LOT 17 & 19, 2ND FLOOR, BLOCK C,
DAMAI PLAZA PHASE 4,
JALAN DAMAI, 88000 KOTA KINABALU.
TEL : 088-235795
FAX : 088-236795
E-MAIL : aktifa88@yahoo.com
aktifa88@gmail.com
(Co. No. 276080X)

I hereby certify that the works have been designed by me in accordance with good engineering practice and that I take full responsibility for the design and proper performance of the same.

SIGNATURE AND ENGINEER'S CHOP

ENGINEER'S SIGNATURE

TAJUK LUKISAN :

BALAI BOMBA

PELAN LANTAI ARAS BAWAH

UKURAN	FCL
KEKEMAN	RMK 1
TARIKH	SEPT. 2016
SKALA	1:100 FAR
NO. LUKISAN	AFA/PS72/2016/ST/BBSP/01

PRELIMINARY / SUBMISSION / CONSTRUCTION
INFORMATION / TENDER / AS-BUILT DRWG