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/ 07 |
| ATTN. : | Mr. Syahril Mohd Ariffin | | |

The following works / tests are ready for inspection / will be conducted at 8.30 am (time) on 16.12.2020 (date).

### DESCRIPTION OF WORKS

Location : main building.

Nature of Work : inspection for anti termite spray.

Sketches (if required) : G. dwg. 3-6 / A°-H1 / A-G1

(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 COWAM PPM 315 BEM W12782 |
| Name : | RONNY BIN LESA SITE AGENT REMT UTAMA SDN. BHD. | Name : | |
| Time/Date : | 15.12.2020 | Time/Date : | 16.12.2020 / 9.15 am |

c.c. 1 _____ 3 _____

2 _____ 4 _____

### INSPECTION/TEST RESPONSE

☑ Inspection / Test acceptable / passed. Work are allowed to proceed.

☐ 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 COWAM PPM 315 BEM W12782 (COW/RE)

Date :

Remarks /Remedial Works:

### RE-INSPECTION/RE-TEST RESPONSE :

☐ Re-inspection /Re- test acceptable / passed. Work are allowed to proceed.

☐ Further Remedial works listed on the right to be completed but no further inspection required.

Signature : (COW/RE)

Remarks /Remedial Works:

RFI : 7

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 reinforcemnet 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

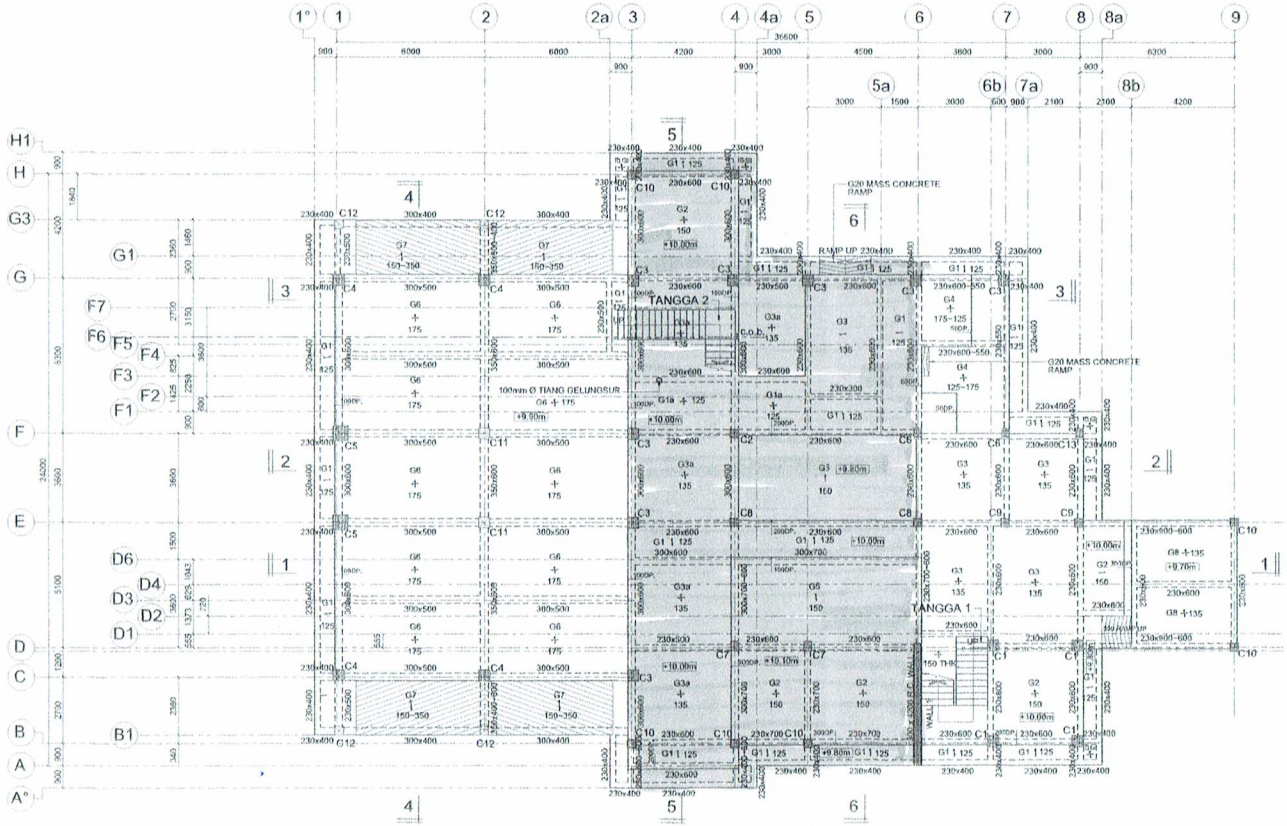
B. REINFORCING STEEL

(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.

Those lengths are to be increased by a factor of 1.4 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

PELANGGAN :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

PEMILIK BANGUNAN / PENGGUNA :

JABATAN BOMBA DAN PENYELAMAT MALAYSIA
JABATAN BOMBA DAN PENYELAMAT MALAYSIA
IBU PEJABAT, PRECINT 7
62250 PUTRAJAYA

AGENSI PELAKSANA :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN
BAHAGIAN PEMBANGUNAN DAN PELAKSANAAN PROJEK
CADANGAN PENGUBAHSUAIAN PROJEK, ARAS 5 & 10, NO 51
PERSIARAN PERDANA, PRESINT 4, 62100 PUTRAJAYA

KPKT

AL NG ZAMHURI BIN RAMLI
TIMBALAN SETIAUSAHA BAHAGIAN (PP1)
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 SESE DI ATAS LOT NO 175301227, JALAN KOMPLEKS SUKAN, DAERAH BEAUFORT, 89800 PEKAN BEAUFORT, SABAH.
UNTUK TETUAN:
JABATAN BOMBA DAN PENYELAMAT MALAYSIA

JURUTERA AWAM & STRUCTUR :

AKTIF FA KONSULT SDN BHD
CONSULTING CIVIL & STRUCTURAL ENGINEERS
PROJECT MANAGERS
LOT 17 & 18, 2ND FLOOR, BLOCK C,
DAMAI PLAZA PHASE 4,
JALAN DAMAI, 88000 KOTA KINABALU.
TEL : 088-236786
FAX : 088-236786
E-MAIL : aktifa88@yahoo.com
aktifa88@gmail.com
(Co. No. 276898)

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

| | |
|---|---|
| DILUKIS | PCL |
| DISEMAK | NAH |
| TARIKH | SEPT. 2010 |
| SKALA | 1:100 FAIL |
| NO. LUKISAN | AFA/PS72/2B10/ST/BB/GP/01 |

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