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/ 14
ATTN. :	Mr. Syahril Mohd Ariffin		

The following works / tests are ready for inspection / will be conducted at 11.00am (time) on 5.4.21 (date).

DESCRIPTION OF WORKS

Location : Menara Latihan.

Nature of Work : inspection for anti termite spray.

Sketches (if required) : Ground Floor.

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

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

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:

please proceed to next stage as soon as possible

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 : 14

SPRAY ANTI TERMITE

PILING NOTES FOR 150mm SQ. PILE

1. The pile shall be Hume reinforced concrete pile (Class 'B') or technical equivalent designed in accordance to BS 8004:1986 and CP116 with a concrete characteristic strength of 45 N/mm².
2. The pile shall be 150mm x 150mm reinforced concrete pile with a design working load of 25 tonnes.
3. Pile load test shall be carried out to 50 tonnes (twice of recommended working load) and in accordance to BS 8004:1986.

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:

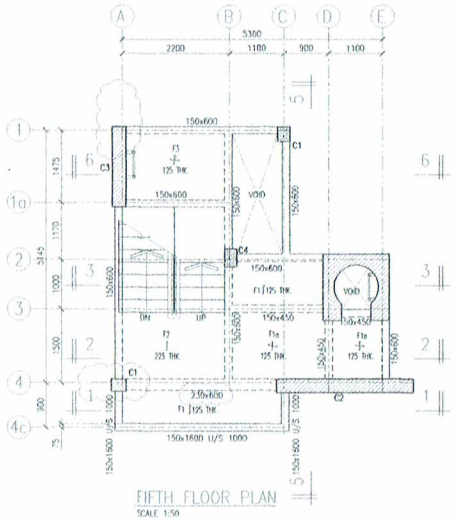
50mm for works below ground
25mm for columns, beams and slabs above ground

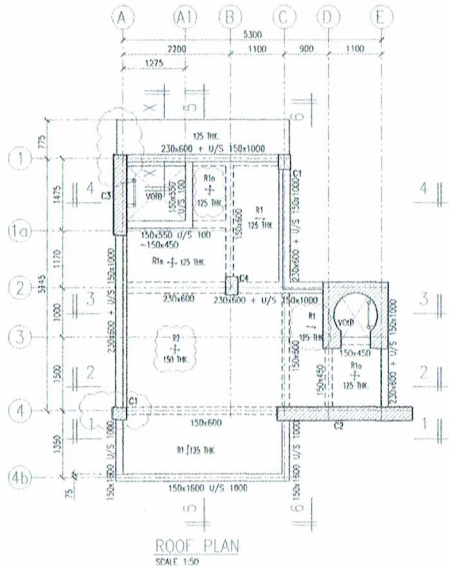
B. REINFORCING STEEL

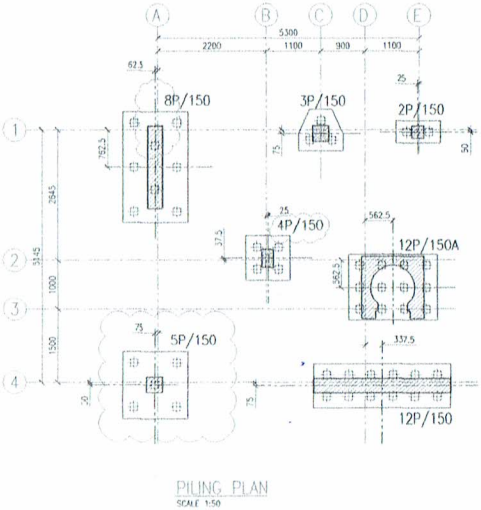
(i) Type of reinforcement required to EN 10080 are denoted by the following symbols :
R = Mild steel bar characteristic strength 250 N/mm².
T = High yield Type 2 deformed bars, characteristic strength 500 N/mm².
(ii) Steel fabric shall comply with EN 10080 and BS4483.
(iii) Bending of reinforcement shall 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

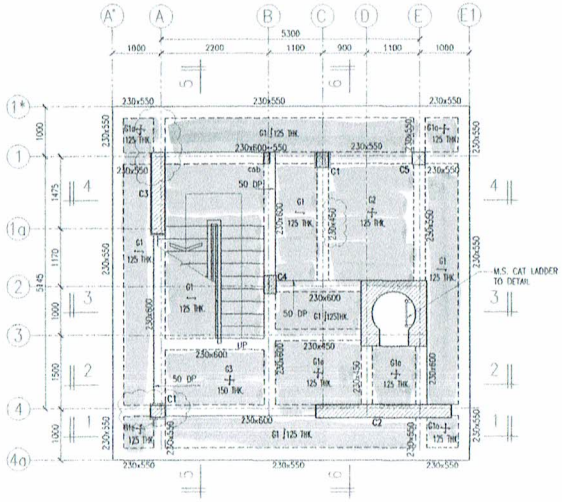
Diameter	Lap Length	Tension Anchorage
T10	400	400
T12	480	480
T16	640	640
T20	800	800
T25	1000	1000
T32	1280	1280

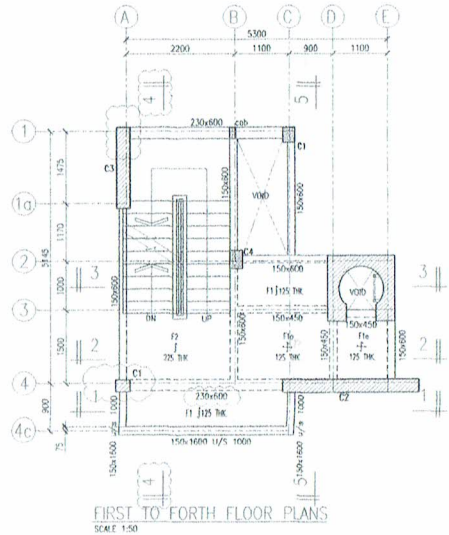
(vii) Cranking of column bars shall not exceed a slope 1:10. These lengths are to be increased by a factor of 1.4 where the clear distance between adjacent laps is less than the greater of 75mm or 6 x the size of the lapped rebar.











PELANGGAN :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN

PEMAJU/ BANGUNAN / PROJEKSIRA :

JABATAN BOMBA DAN PENYELAMAT MALAYSIA
JABATAN BOMBA DAN PENYELAMAT MALAYSIA
IBU PEJABAT PERSEKUTUAN, PRESINT 7
62250 PUTRAJAYA

AGENSI PELAKSANA :

KEMENTERIAN PERUMAHAN DAN KERAJAAN TEMPATAN
BAHAGIAN PEMBANGUNAN DAN PELAKSANAAN PROJEK
CAWANGAN PENGURUSAN PROJEK, ARAS 5 & 6, NO 51
PERSIARAN PERDANA, PRESINT 4, 62100 PUTRAJAYA
KPKT

AZ HIJ ZAMRUNIZAM BAKRI
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, KOLAM 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 & STRUCTUR :

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 : 088-236786
FAX : 088-236786
E-MAIL : aktifa88@yahoo.com
aktifa88@gmail.com
(Co. No. 2788994)

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 :

MENARA LATIHAN
FOUNDATION, GROUND FLOOR, FIRST TO FORTH FLOOR, FIFTH FLOOR AND ROOF PLAN

DILUKIS	FL
DISEMAK	SYLVIA
TARIKH	SEPT. 2018
SKALA	AS SHOWN @ A1
NO. LUKISAN	AFAIP572/2018/ST/TW/01

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