



INTERMEDIATE BEAM LAYOUT PLAN  
ALL SLAB THICKNESS = 125MM THK. U.N.O  
SCALE = 1:75

GENERAL NOTE :

FOR R.C. WORKS

1.ALL STRUCTURAL WORKS SHALL BE READ TOGETHER WITH THE ARCHITECTURAL DRAWINGS

2.DESIGNED IN ACCORDANCE TO BS 8110

3.CONCRETE CURE STRENGTH MINIMUM 25 N/MM<sup>2</sup> AT 28 DAYS FOR ALL STRUCTURAL MEMBERS UNLESS OTHERWISE STATED

4.ALL EXCAVATION SHALL BE INSPECTED AND APPROVED BY THE SO OR ENGINEER BEFORE CONCRETING

5.COVER TO MAIN REINFORCEMENT

FOOTING : 40 MM  
BEAMS : 25 MM  
COLUMNS : 25 MM  
SLAB : 25 MM

6.50MM THICK LEAN CONCRETE SHALL BE LAD BELOW GROUND BEAMS (1:3:6)

7.ALL FOUNDATION SHALL BE ON THE ORIGINAL GROUND OR WELL COMPACTED FILL GROUND

8.THE CONTRACTOR SHALL CHECK THE DIMENSIONS BEFORE SETTING OUT AND ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY

9.REINFORCEMENT (ALL BARS ARE TO BS 4449)  
R - RAIN MILD STEEL BARS  
Y - HIGH YIELD STEEL BARS

10.SIZES IN REINFORCEMENT BARS

	MILD STEEL	HIGH YIELD STEEL	MIN LAP LENGTH
BAR IN TENSION	46 DA	51 DA	25 DIA+150MM
BAR IN COMP	33 DA	35 DA	20 DIA+150MM

11.REMOVAL OF SHUTTERING FOR CONCRETE WORKS OF ORDINARY PORTLAND CEMENTS

FORMWORK TYPE	MINIMUM PERIOD BEFORE STRIKING FORMWORKS (DAYS)	CONTINUOUS DURING PERIOD (DAYS)
BEAM SIDES WALL (UNLOADED)	1	7
SLAB (PROP LEFT UNDER)	4	7
PROPS OF SLAB	14	7
BEAMS SOTTITS (PROPS LEFT UNDER)	8	7
PROPS TO BEAMS	15	7

12.125MM x 125 MM RC STIFFENERS REINFORCED WITH #12-#B-140 SHALL BE PROVIDED AT ALL CORNERS OF WALL AND FOR BROCKWORKS AT EVERY THREE METERS CENTER TO CENTER.

13.APPROD WHEN PROOFING LAYER SHALL BE PROVIDED AT ALL TOILET SUBSIDIARY SUBSIDIARY SLAB AND RC GUTTER.

No. TARIKH PINDAAN

PEMILIK :

Y. BHG DATO' LOO SON YONG  
NO.K/P : 470110-10-5193

Y. BHG DATIN FARINA HARTANTO @ CHIN PIE FONG  
NO.K/P : 480210-71-5246

NO.116B, JALAN TENGGU BADAR, PORT KLANG, 42000 KLANG, SELANGOR DARUL EHSAN.

TANDATANGAN JURUTERA :

IR. AZMAN BIN TEH  
B. Sc(Hons), MEM, P. Eng.  
I hereby certify that these works have been design by me in accordance with sound engineering practice and I take full responsibility for the design and performance of the same.

JURUTERA PERUNDING :

**PERUNDING TRUSSMAJU**  
(JURUTERA PERUNDING - CONSULTING ENGINEERS)

8-2B, JALAN BULUNG PADANG E13/E,  
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SELANGOR DARUL EHSAN.  
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TAJUK PROJEK :  
CADANGAN PINDAAN KEPADA PELAN LULUS NO. MBSA/BGN/BB/600-5/SEK.11/ 242-2019 BERTARIKH 21.08.2019 KEPADA CADANGAN MEROBOKH DAN MEMBINA SEMULA SEBUAH BANGLO 3 TINGKAT DI NO.1, JALAN BADIK 11/4, SEKSYEN 11,40100 SHAH ALAM, SELANGOR DARUL EHSAN.  
DARIPADA  
CADANGAN MEROBOKH DAN MEMBINA SEMULA SEBUAH BANGLO 2 TINGKAT DI NO.1, JALAN BADIK 11/4, SEKSYEN 11, 40100 SHAH ALAM, SELANGOR DARUL EHSAN.

UTK : Y. BHG DATO' LOO SON YONG  
Y. BHG DATIN FARINA HARTANTO @ CHIN PIE FONG

TAJUK LUKISAN :

INTERMEDIATE BEAM LAYOUT PLAN

DILUKIS OLEH : HY	DI REKA OLEH : HASNA
DISEMAK OLEH : IR. AZMAN TEH	DILULUS OLEH : IR. AZMAN TEH
SKALA : 1 : 75	TARIKH : DISEMBER 2023
RUJUKAN :	
No. LUKISAN : BMS/NO1-S11/STR-05	