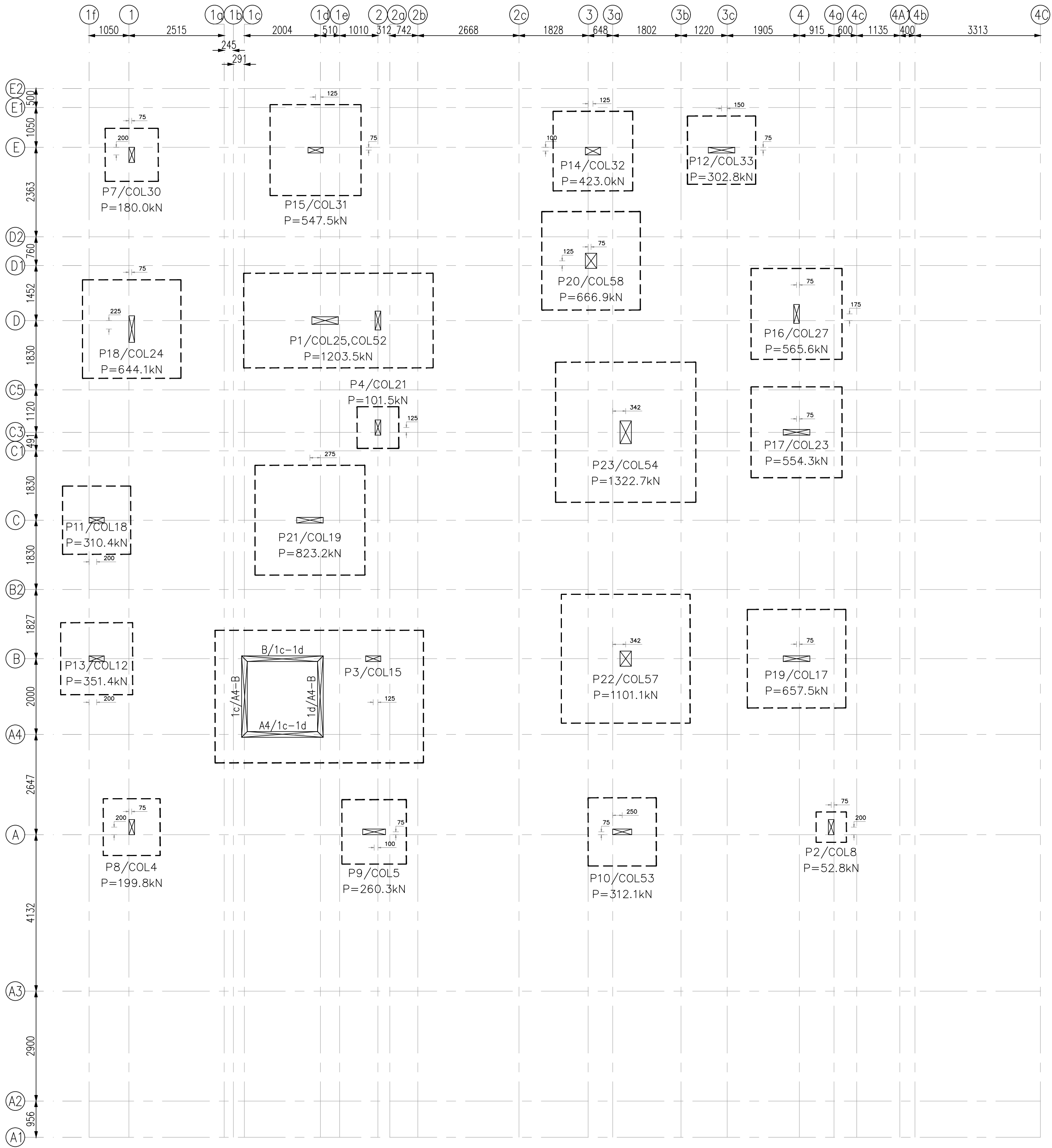


| PAD FOOTING<br>MARK | PAD FOOTING DIMENSION |      |      | REINFORCEMENT         |                       |      |
|---------------------|-----------------------|------|------|-----------------------|-----------------------|------|
|                     | B,mm                  | L,mm | H,mm | XDirBar               | YDirBar               | TIES |
| P1                  | 5000                  | 2500 | 350  | 24T20(Bot)/14T16(Top) | 49T12(Bot)/49T12(Top) | 4R8  |
| P2                  | 800                   | 800  | 200  | 5T12(BT)              | 5T12(BB)              | 1R8  |
| P3                  | 5500                  | 3500 | 400  | 27T25(Bot)/22T20(Top) | 36T16(Bot)/36T16(Top) | 4R8  |
| P4                  | 1100                  | 1100 | 200  | 8T12(BT)              | 7T12(BB)              | 1R8  |
| P7                  | 1400                  | 1400 | 200  | 11T12(BT)             | 10T12(BB)             | 1R8  |
| P8                  | 1500                  | 1500 | 200  | 11T12(BT)             | 10T12(BB)             | 1R8  |
| P9                  | 1700                  | 1700 | 200  | 16T12(BT)             | 13T12(BB)             | 1R8  |
| P10                 | 1800                  | 1800 | 250  | 16T12(BT)             | 13T12(BB)             | 1R8  |
| P11                 | 1800                  | 1800 | 250  | 13T12(BT)             | 12T12(BB)             | 2R8  |
| P12                 | 1800                  | 1800 | 250  | 16T12(BT)             | 13T12(BB)             | 1R8  |
| P13                 | 1900                  | 1900 | 300  | 16T12(BT)             | 16T12(BB)             | 2R8  |
| P14                 | 2100                  | 2100 | 300  | 17T12(BT)             | 17T12(BB)             | 2R8  |
| P15                 | 2400                  | 2400 | 350  | 23T12(BT)             | 23T12(BB)             | 3R8  |
| P16                 | 2400                  | 2400 | 350  | 23T12(BT)             | 23T12(BB)             | 3R8  |
| P17                 | 2400                  | 2400 | 350  | 23T12(BT)             | 23T12(BB)             | 2R8  |
| P18                 | 2600                  | 2600 | 350  | 25T12(BT)             | 25T12(BB)             | 3R8  |
| P19                 | 2600                  | 2600 | 350  | 25T12(BT)             | 25T12(BB)             | 3R8  |
| P20                 | 2600                  | 2600 | 400  | 16T16(BT)             | 16T16(BB)             | 3R8  |
| P21                 | 2900                  | 2900 | 400  | 18T16(BT)             | 18T16(BB)             | 3R8  |
| P22                 | 3400                  | 3400 | 500  | 26T16(BT)             | 26T16(BB)             | 4R8  |
| P23                 | 3700                  | 3700 | 550  | 31T16(BT)             | 31T16(BB)             | 4R8  |

Soil Bearing = 100 kN/m2

FOUNDATION REINFORCEMENT SCHEDULE



PILE FOUNDATION KEY PLAN  
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 CUBE 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 DA+150MM    |
| BAR IN COMP    | 33 DA      | 35 DA            | 20 DA+150MM    |

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

| FORMWORK TYPE                    | MINIMUM PERIOD BEFORE STRONG FORMWORKS (DAYS) | CONTINUOUS DURING PERIOD (DAYS) |
|----------------------------------|---|---------------------------------|
| BEAM SIDES (UNLOADED)            | 1   | 7                               |
| SLAB (PROPS LEFT UNDER)          | 4   | 7                               |
| PROPS OF SLAB                    | 14  | 7                               |
| BEAMS SOFFITS (PROPS LEFT UNDER) | 8   | 7                               |
| PROPS TO BEAMS                   | 15  | 7                               |

12.125MM x 125 MM RC STIFFENERS REINFORCED WITH 4Y12-140 SHALL BE PROVIDED AT ALL CORNERS OF WALL AND FOR BROCKWORKS AT EVERY THREE METER CENTER TO CENTER.

13.APPROVED WATER 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 BOLAING PADANG E13/E, SEKSYEN 13, 40100 SHAH ALAM, SELANGOR DARUL EHSAN.  
TEL: 03-5523 6961  
FAX: 03-5523 6985  
EMAIL: bms\_consult@yahoo.com

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 :

PAD FOOTING LAYOUT PLAN

| DILUKIS OLEH : | DI REKA OLEH : |
|----------------|----------------|
| HY             | HASNA          |

| DISEMAK OLEH : | DILULUS OLEH : |
|----------------|----------------|
| IR. AZMAN TEH  | IR. AZMAN TEH  |

| SKALA : | TARIKH :      |
|---------|---------------|
| 1 : 75  | DESEMBER 2023 |

| RUJUKAN : |
|-----------|
|           |

No. LUKISAN : BMS/NO1-S11/STR-01