

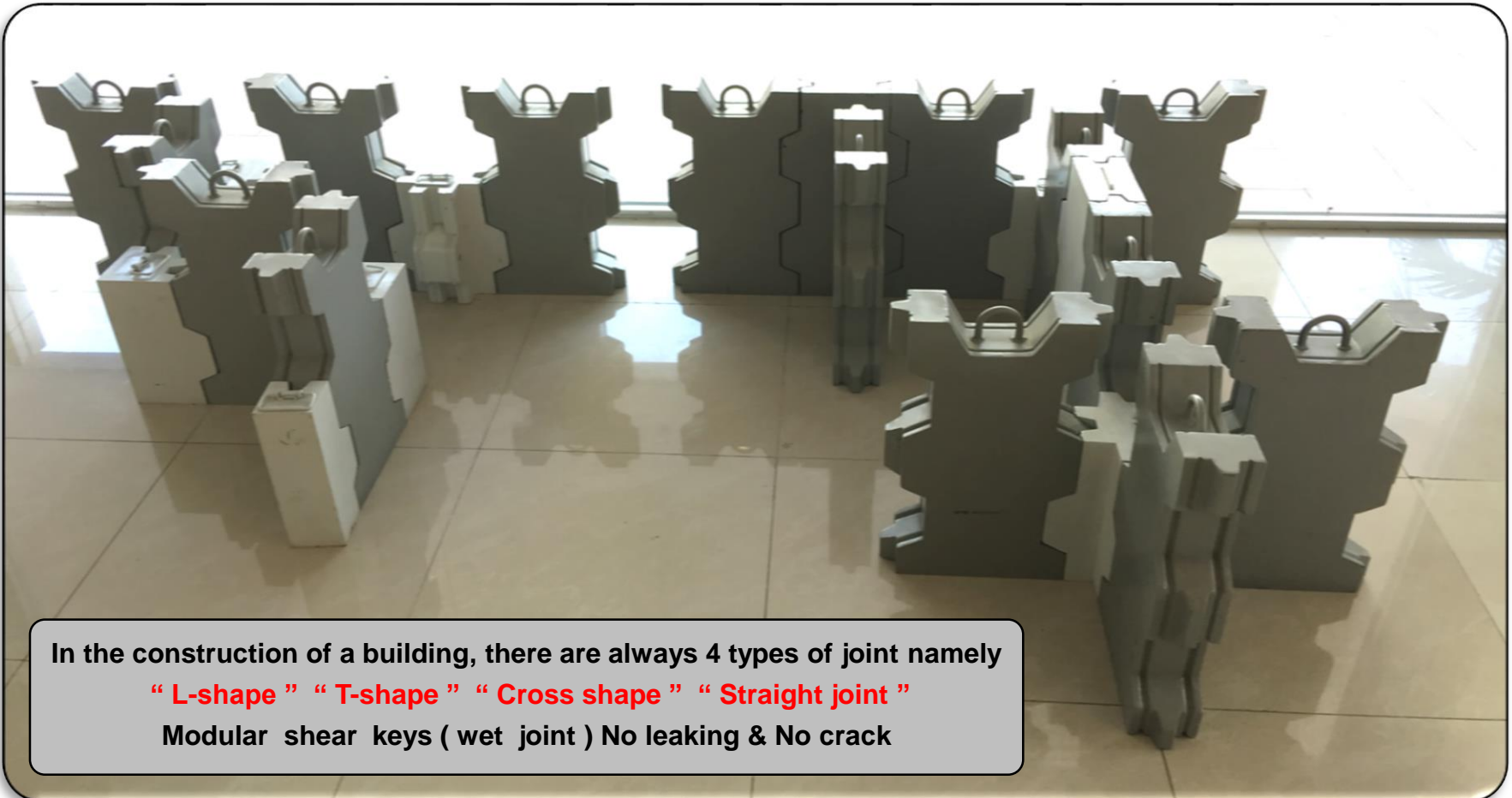


HC Precast System

(100 % Malaysia Technology With 6 IPs')

Economical . Eco Friendly . Quality

IBS Cost Saving



In the construction of a building, there are always 4 types of joint namely

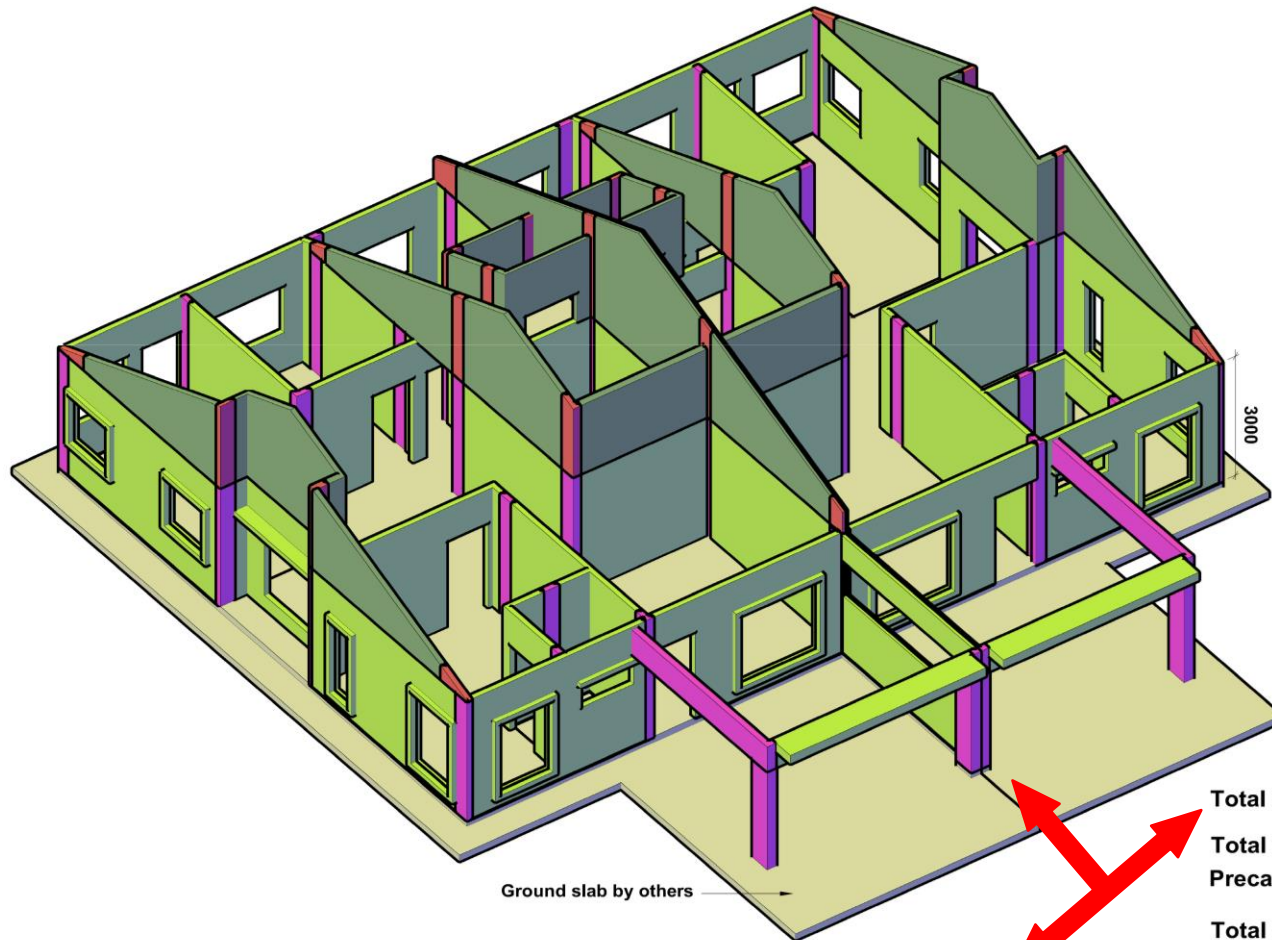
“ L-shape ” “ T-shape ” “ Cross shape ” “ Straight joint ”

Modular shear keys (wet joint) No leaking & No crack

IBS COST SAVING

- 1. No preliminaries item**
- 2. No variation order**
- 3. No rubbish cleaning**
- 4. No maintenance, no leaking & crack**
- 5. No hacking for electrical and plumbing work**
- 6. Shorter construction period**
- 7. Smooth and Even surface to received skimcoat**
- 8. No primary undercoat for painting due to smooth skimcoat surface**
- 9. Reduce the quantity of cement and screed to receive tiling work**
- 10. M & E shop drawing produce by HC Precast System without any extra charges**
- 11. Reduce financing, overhead & earlier occupation of house due to shorter construction period**

2. No Variation Order



1 UNIT SEMI-D

Precast wall panels	: 27 nos.
Precast party walls	: 7 nos.
Precast beams	: 2 nos.
Cast in-situ RC water tank slab	: 1 no.
Cast in-situ wet joints	: 34 nos.
Cast in-situ columns	: 2 nos.
Cast in-situ beam	: 1 no.

Total Concrete Volume = 26.60m³

Total Concrete Volume for
Precast Elements (Off-site) = 22.81m³ (86%)

Total Concrete Volume for
Cast In-situ Elements (On-Site) = 3.79m³ (14%)

Accurate quantity of elements calculated by 3D AutoCAD software, compared to manual taking off using 2D drawing

3D VIEW - FRONT (LEFT SIDE)



HC PRECAST SYSTEM SDN. BHD. (586697-M)

No.228, Jalan Seri Sarawak 208/KS2, Taman Seri Andalas,
41200 Klang, Selangor D.E. Tel:03-3323 5999 Fax:03-3323 8993
e-mail:enquiry@hccprecast.com.my, Http://www.hccprecast.com.my

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MANUFACTURER

HC MANUFACTURING SDN. BHD. (585570-T)

No.23-1, Jalan Seri Sarawak 208/KS2, Taman Seri Andalas,
41200 Klang, Selangor D.E. Tel:03-3323 7999 Fax:03-3323 8993

DATE :

NO :

DATE :

NO :

DATE :

NO :

DATE :

NO :

DATE :

NO :

DATE :

NO :

CADANGAN SKIM PERUMAHAN YANG MENGANDUNGI
-18 UNIT RUMAH BERKEMBAR 1 TINGKAT JENIS RBI
DI ATAS LOT 26114 (PM 4401) & LOT 15331 (PM 1888),
MUKIM JENDERAK, DAERAH TEMERLOH,
PAHANG DARUL MAKMUR.
UNTUK TUTUAN:
KIAN MEGAH DEVELOPMENT SDN. BHD.

DRAWING TITLE

SINGLE STOREY SEMI DETACHED
HC PRECAST CONSTRUCTION
3D DRAWING

DRAWING NO :

HC/KM/SD/3D-01K

SYSTEM :

REV :

3. No rubbish cleaning



3. No rubbish cleaning



3. No rubbish cleaning



3. No rubbish cleaning



3. No rubbish cleaning



3. No rubbish cleaning

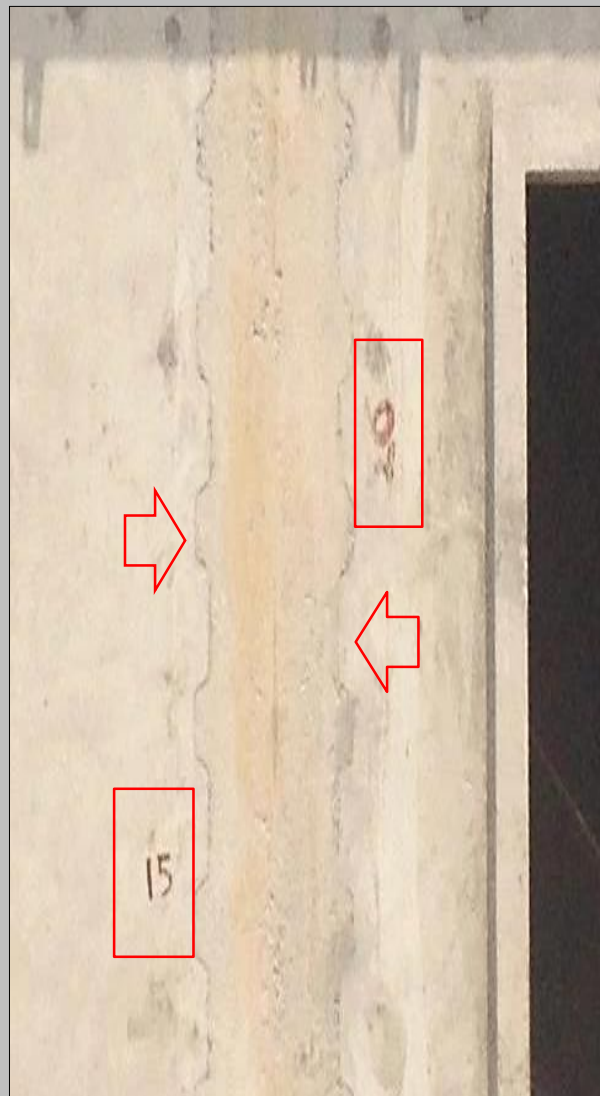


3. No rubbish cleaning



4. No maintenance, no leaking & crack

Modular shear keys (wet joint)



No leaking & crack

Load bearing wall



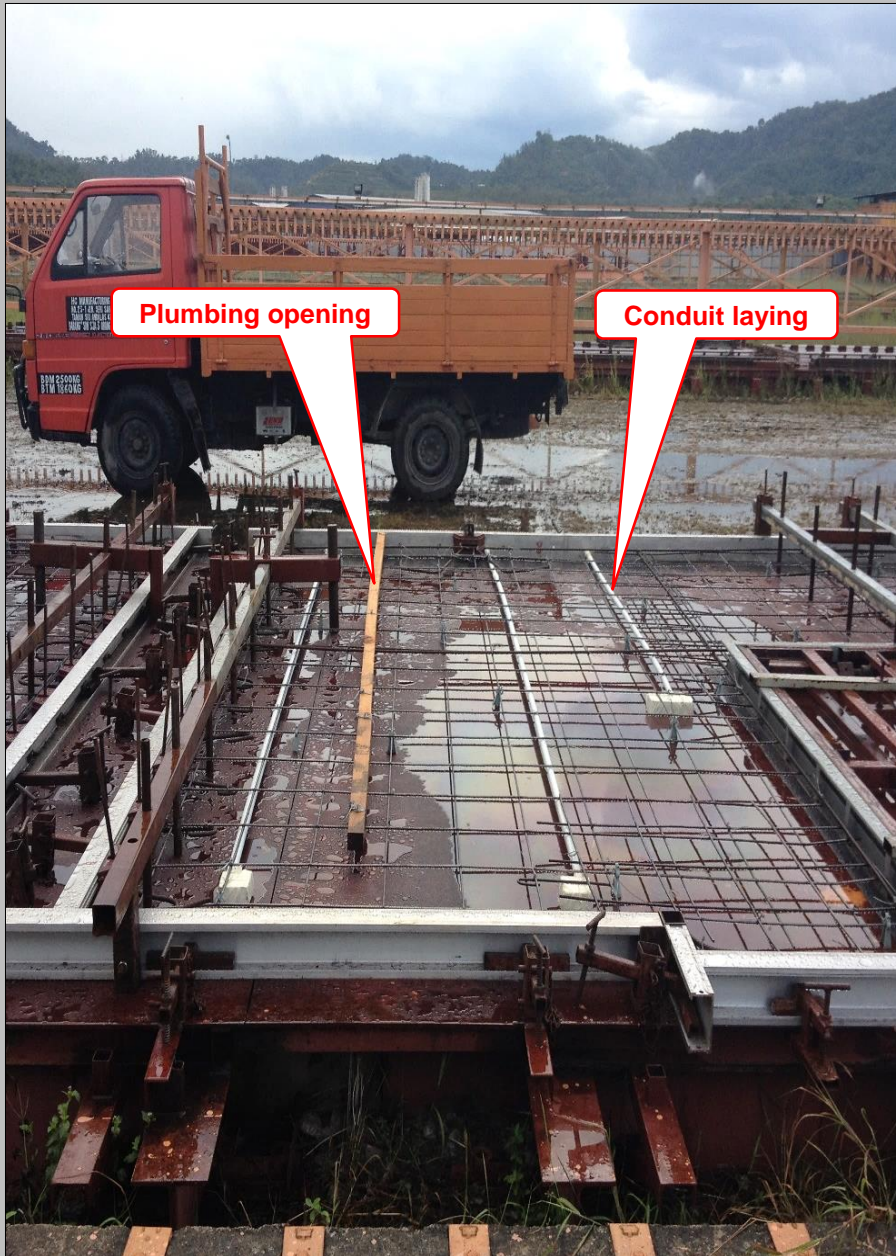
Comply to the code (BSI)

Box system



Comply building by law

5. No hacking for electrical and plumbing work



5. No hacking for electrical and plumbing work



6. Shorter construction period



7. Smooth and Even surface to received skimcoat



8. No primary undercoat for painting due to smooth skimcoat surface



8. No primary undercoat for painting due to smooth skimcoat surface



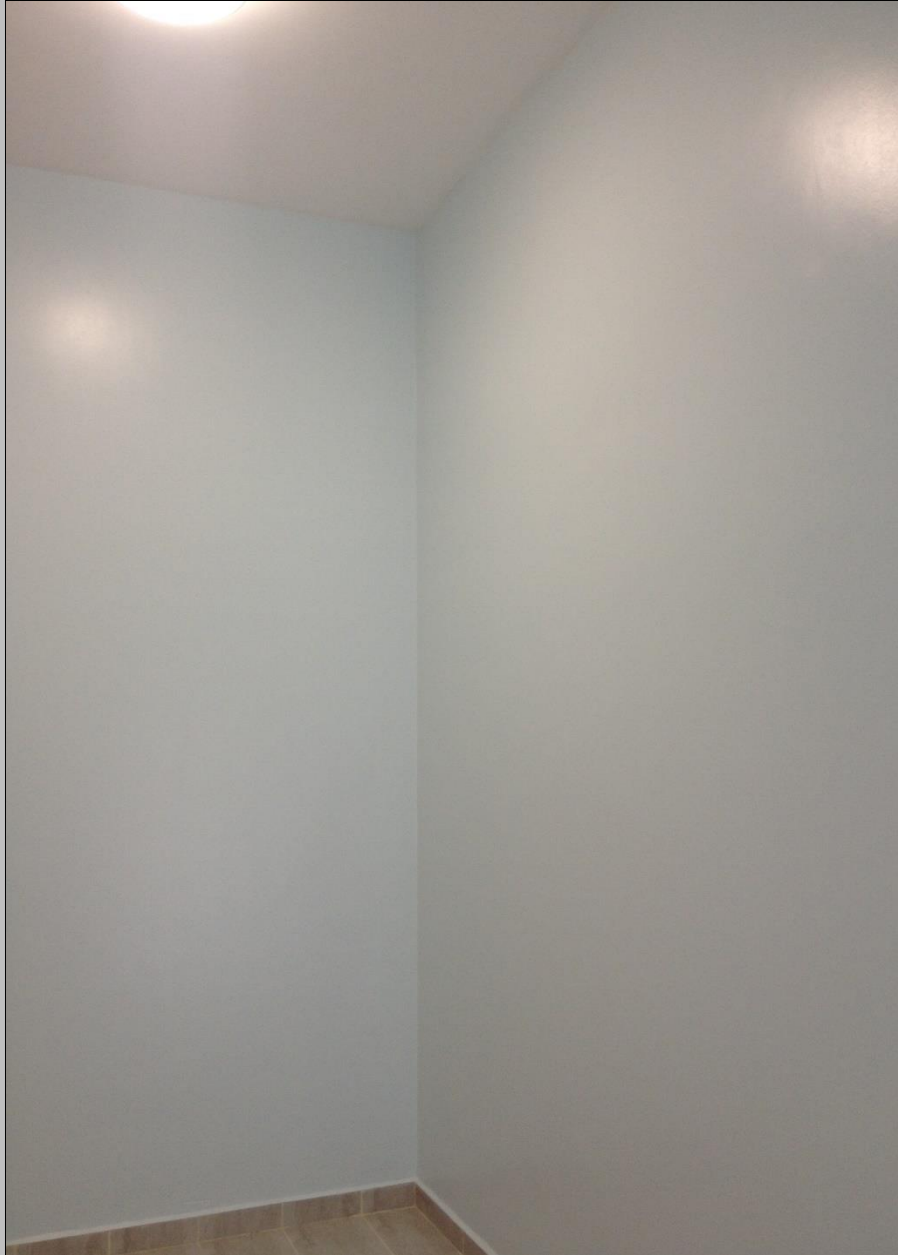
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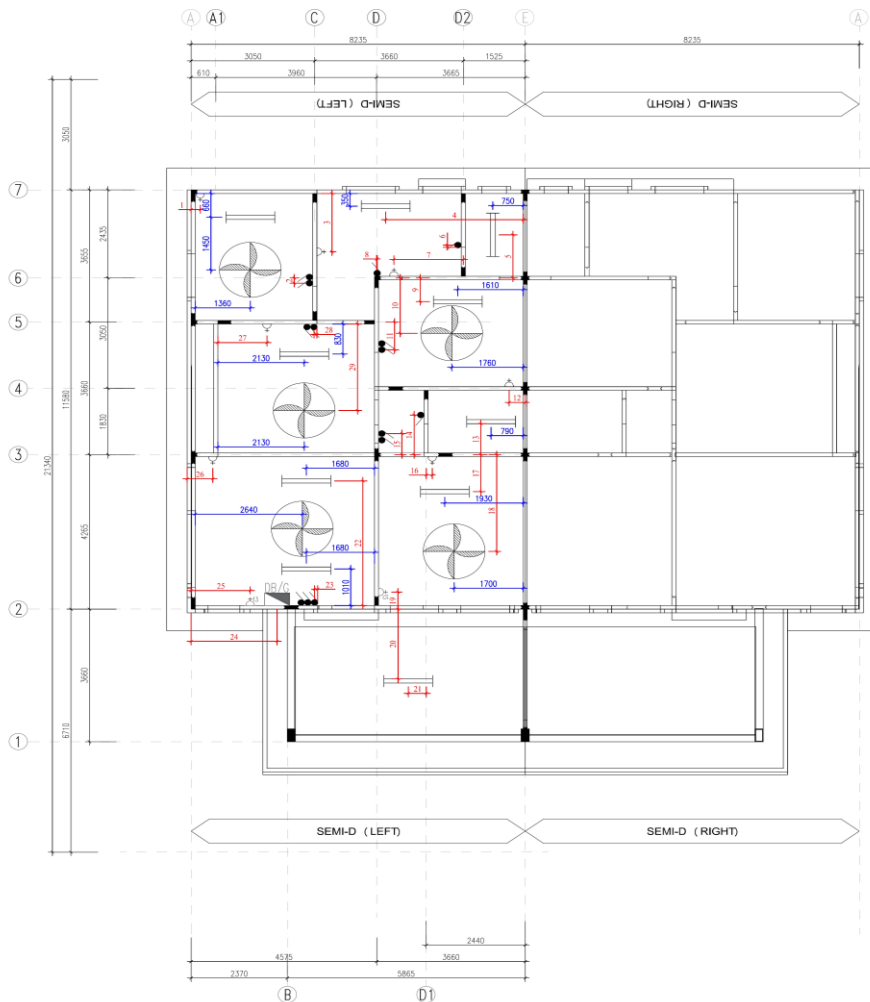
8. No primary undercoat for painting due to smooth skimcoat surface



9. Reduce the quantity of cement and screed to receive tiling work



10. M & E shop drawing produce by HC Precast System without any extra charges



POSITION OF ELECTRICAL POINTS
(FROM STRUCTURAL LEVEL)

Distance of Point (mm)	Height of Point (mm)	Confirmation by M&E Consultant
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		

Notes:

- 1) Distance of Point has been scaled from M&E Consultant drawing.
- 2) Height of Point from schedule provided by M&E Consultant drawing.
- 3) M&E Consultant to fill in dimension not stated (7mm)

Confirmed by M&E Consultant

Signature :

Name :

Date :

Dimension for :

1. Light & Fan point
2. Power point
3. Switch point
4. Tel & MATV point

to be fill & confirm by consultant



SYSTEM PROVIDER
HC PRECAST SYSTEM SDN. BHD. (586697-M)
No.238, Jalan Seri Sarawak 208/KS2, Taman Seri Andalas,
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MANUFACTURER

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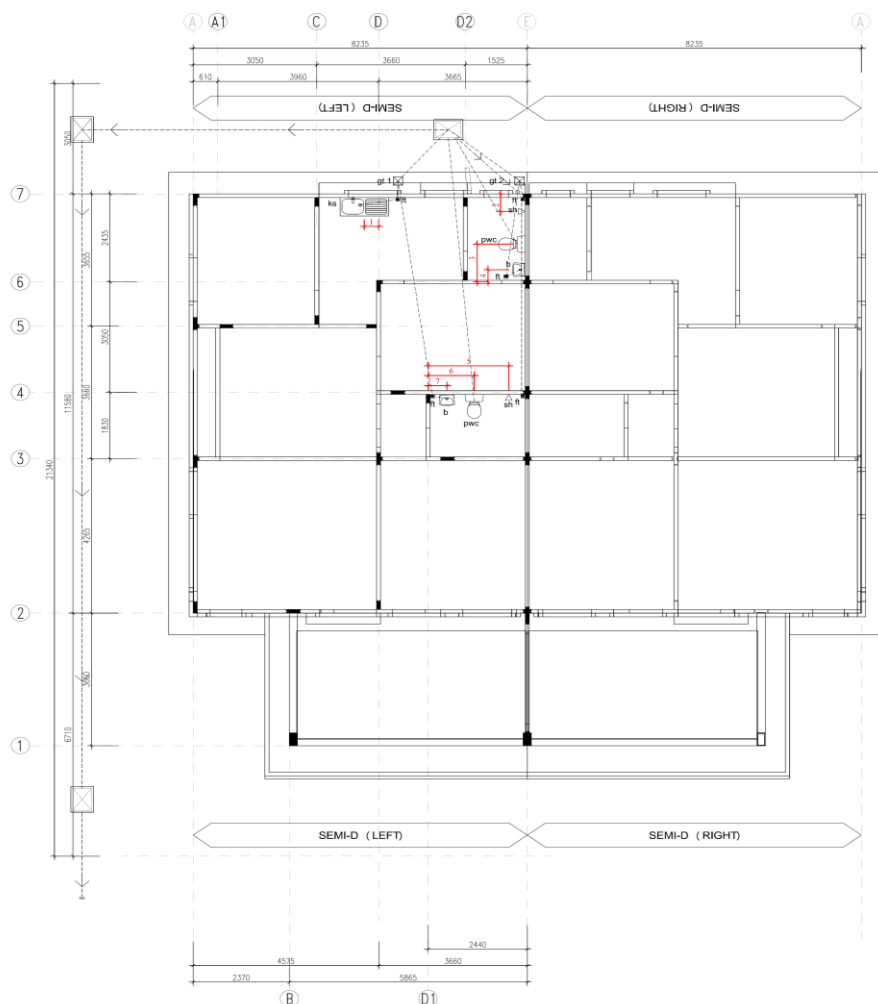
DRAWN :	KC
DATE :	FEB 2018
CHECKED :	2083
DESIGN :	2083
APPROVED :	2083
SCALE :	NTS

CADANGAN SKIM PERUMAHAN RAKYAT 1 MALAYSIA
(PRIMA) BAGI RUMAH BERKEMBAR 1 TINGKAT
DI ATAS TANAH KERAJAAN DI PAMAH KASIH,
CHARUK PUTING, MUKIM PERAK, DAERAH TEMERLOH,
PAHANG.
UNTUK TETUAN:
BERGAMO DESIGN (M) SDN. BHD.

DRAWING TITLE :	SINGLE STOREY SEMI-D (LEFT UNIT) SETTING OUT OF ELECTRICAL FIXTURES
DRAWING NO :	HC/BD/SD/EL-01
REVISION :	

M&E IBS system shop drawing (Subject to client / consultant confirmation)

10. M & E shop drawing produce by HC Precast System without any extra charges



POSITION OF FITTINGS
(FROM STRUCTURAL LEVEL)

	Distance of fitting (mm)	Height of fitting (mm)	Confirmation by M&E Consultant
1			
2			
3			
4			
5			
6			
7			

Notes:

- 1) Distance of fitting has been scaled from M&E Consultant drawing.
- 2) Height of fitting from schedule provided by M&E Consultant drawing.
- 3) M&E Consultant to fill in dimension not stated (?mm)

Confirmed by M&E Consultant

Signature :


Name :

Date: _____

Dimension for :

**1. Sanitary fitting & plumbing
to be fill & confirm by consultant**

SYSTEM PROVIDER

 **HC PRECAST SYSTEM SDN. BHD.** (586697-M)

No.238, Jalan Seri Sarawak 208/KS2, Taman Seri Andalas,
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MANUFACTURER
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Tel:03-3323 7999 Fax:03-3323 8993

DESIGN :	KC
DATE :	FEB 2019
CHECKED :	3993
EXAM'D :	3993
APPR'D :	3993
SCALE :	NTS

CADANGAN SKIM PERUMAHAN RAKYAT 1 MALAYSIA
(PRIMA) BAGI RUMAH BERKEMBAR 1 TINGKAT
DI ATAS TANAH KERAJAAN DI PAMAH KASIH,
CHARUK PUTING, MUKIM PERAK, DAERAH TEMERLOH,
PAHANG.
UNTUK TETUAN:
BERGAMO DESIGN (M) SDN. BHD.

DRAWING TITLE :		SINGLE STOREY SEMI-D (LEFT UNIT) SETTING OUT OF SANITARY FITTINGS	
DRAWING NO :		HC/BD/SD/SP-01	REV : —
SYSTEM :		—	REV : —

M&E IBS system shop drawing (Subject to client / consultant confirmation)

11. Reduce financing, overhead & earlier occupation of house due to shorter construction period



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11. Reduce financing, overhead & earlier occupation of house due to shorter construction period



11. Reduce financing, overhead & earlier occupation of house due to shorter construction period





THANK YOU

