WORKSHOP BRIEFING

11-13th October 2016

upfk.kkm 11-13102016 @ Grand Bluewave Hotel

WORKSHOP ITERNARY

- Workshop session :
  - 11 – 12 October (8.30 pm)
  - Group presentation: 13 October
    - Per group;
      - 10-15 minutes presentation
      - 10-15 minutes panels comments and discussion

- Participants divided into four (4) groups
  - 15 – 20 per group

OBJECTIVES

- To facilitate participants' understanding of:
  - Master planning
  - Interdepartmental zoning
- To provide platform for discussion among participants and experts
- To simulate actual experience in design development

OUTPUT DAN OUTCOME

- Output
  - Two (2) presentations
    1. New hospital masterplan and interdepartmental zoning
    2. Hospital upgrading and its masterplan

- Outcomes
  - Understand Hospital Master planning concept and practice
  - Understand interdepartmental zoning concept and practice

CASE SCENARIO 1

- A new 76 bedded non specialist hospital is proposed to be built in district A.
- It will have the following scope of services:

Emergency service (4)	Delivery Suites (3)	Outpatient pharmacy (2)	Catering department (2)	General administration unit (2)
Visiting specialist clinic (2)	Pathology Lab Level II (3)	CSSD (3)	Privatized support services (3)	Cafetaria (2)
Hemodialysis (3)	Blood Bank (2)	Medical Records (3)	Waste disposal (1)	Main lobby (2)
Imaging Services (3)	Mortuary (2)	Rehabilitation unit (3)	Security (1)	3 wards (3/ward)
Operation Theatre (4)	Inpatient pharmacy and medical store (6)	Outpatient pharmacy (4)	Training & education (3)	

TASK

1. Proposed an overall layout planning . To consider:
   - Site constraints
   - Parking
   - Service and public route
   - Hospital zone
   - Future expansion

2. Proposed the interdepartmental zoning for the hospital block
   - Zone the departments according to the scope of services
   - Provide reasons for the layouts

- Use the blocks provided to facilitate discussion. If the department is large you can combine the blocks. You can take photo and upload to the presentation slide.

SITE

To highway

MAIN ROAD

SWAMP

To use copy and drag to locate, type the department

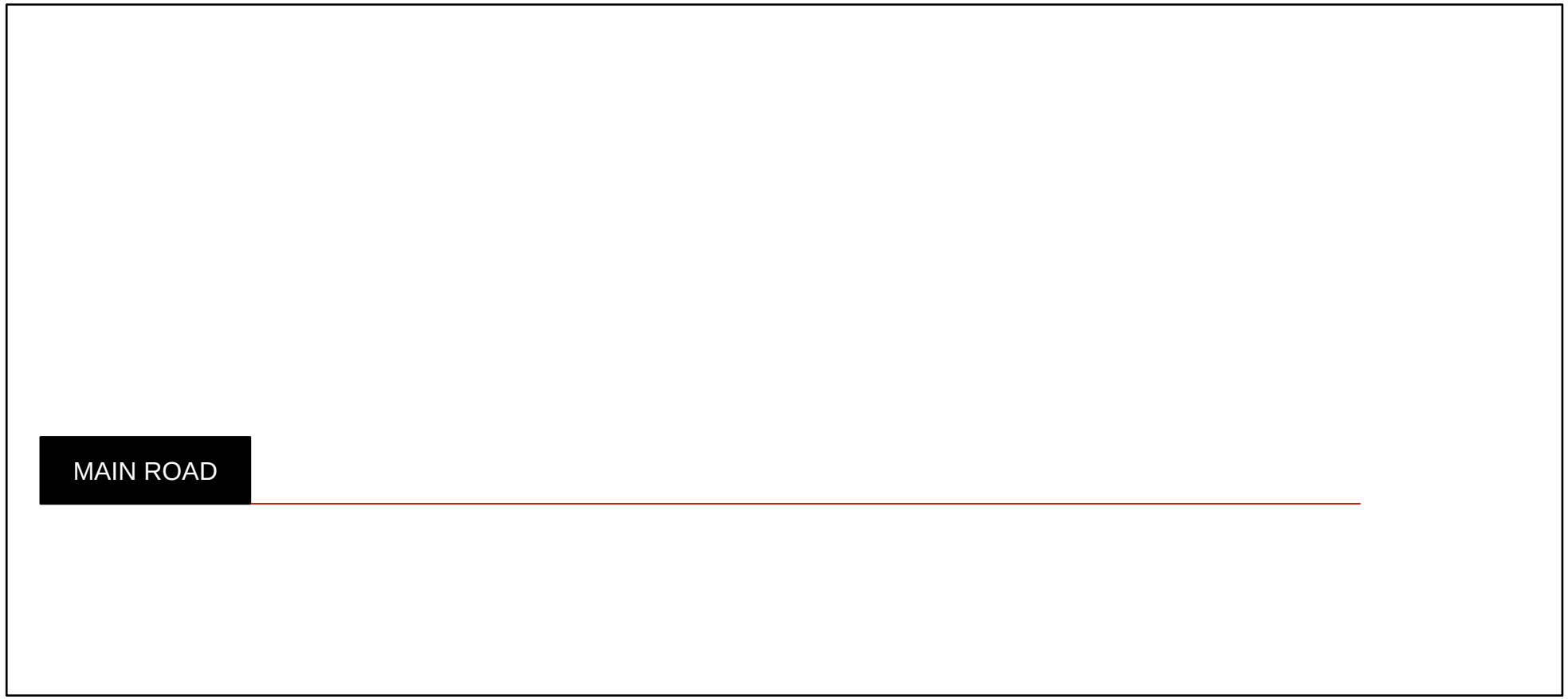
One block represent one department

HOUSING AREAS

CROSS SECTIONAL LAYOUT OF SITE

One block represent one department - One storey high

One block represent one department - One storey high

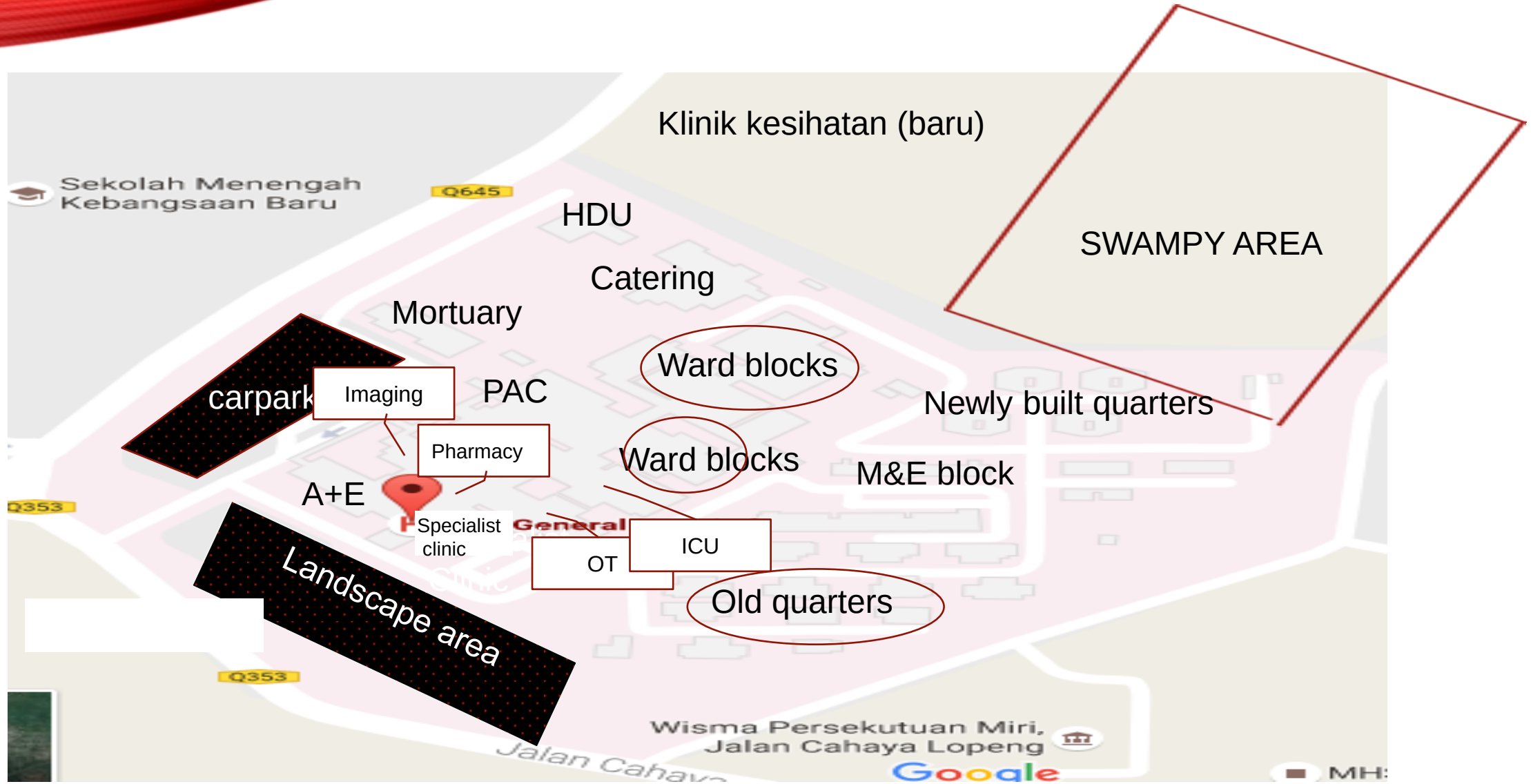


CASE SCENARIO 2

- Hospital M is a major specialist hospital built in 1995 with 300 beds.
- Currently, there are 13 medical specialties providing services in this hospital.
- This hospital is planned to expand its specialities/sub-specialities (medical and surgical based).
- Existing problems faced by this hospital:

    - A&E : overloaded (red zone - 6 bays ; yellow zone-10 bays)
    - Specialist clinic – overcrowded – doctors sharing rooms
    - OT waiting time – 6 months waiting time for elective cases (4 OR)
    - Current bed strength 300 beds - BoR 75%
    - ICU 4 beds– BOR 100%

SITE LAYOUT


Klinik kesihatan (baru)
SWAMPY AREA
Sekolah Menengah Kebangsaan Baru
Q645
HDU
Catering
Mortuary
Ward blocks
carpark
Imaging
PAC
Newly built quarters
Pharmacy
Ward blocks
M&E block
A+E
Specialist clinic
General
ICU
OT
Old quarters
Landscape area
Q353
Q353
Wisma Persekutuan Miri, Jalan Cahaya Lopeng
Google

TASKS:

1) Identify scopes of upgrading for:
   - Short Term Plan

2) Identify the site of the proposed upgrading project for the short term plan
   Note : There are two feasible sites
   Existing Carpark area (near to the existing hospital block
   The vacant landscape area in front of the hospital

3) Proposed a long term plan for Hospital M based on the scenario given

	CURRENT SERVICES	Short term	Long term
Outpatient department	A&E – 6 red, 10 yellow Specialist clinic – Medical, Surgical, Ortho, Psychiatry, ENT, Opthal, Paeds, O&G Hemodialysis – 10 chairs Rehab		
Diagnostic	Radiology – X-ray (3), CT Scan, USG, Mammo Pathology		
Medical support service	Catering Mortuary CSSD		
Inpatient	Wad (8) ICU OT – 4 Labor & Delivery Room - 10		

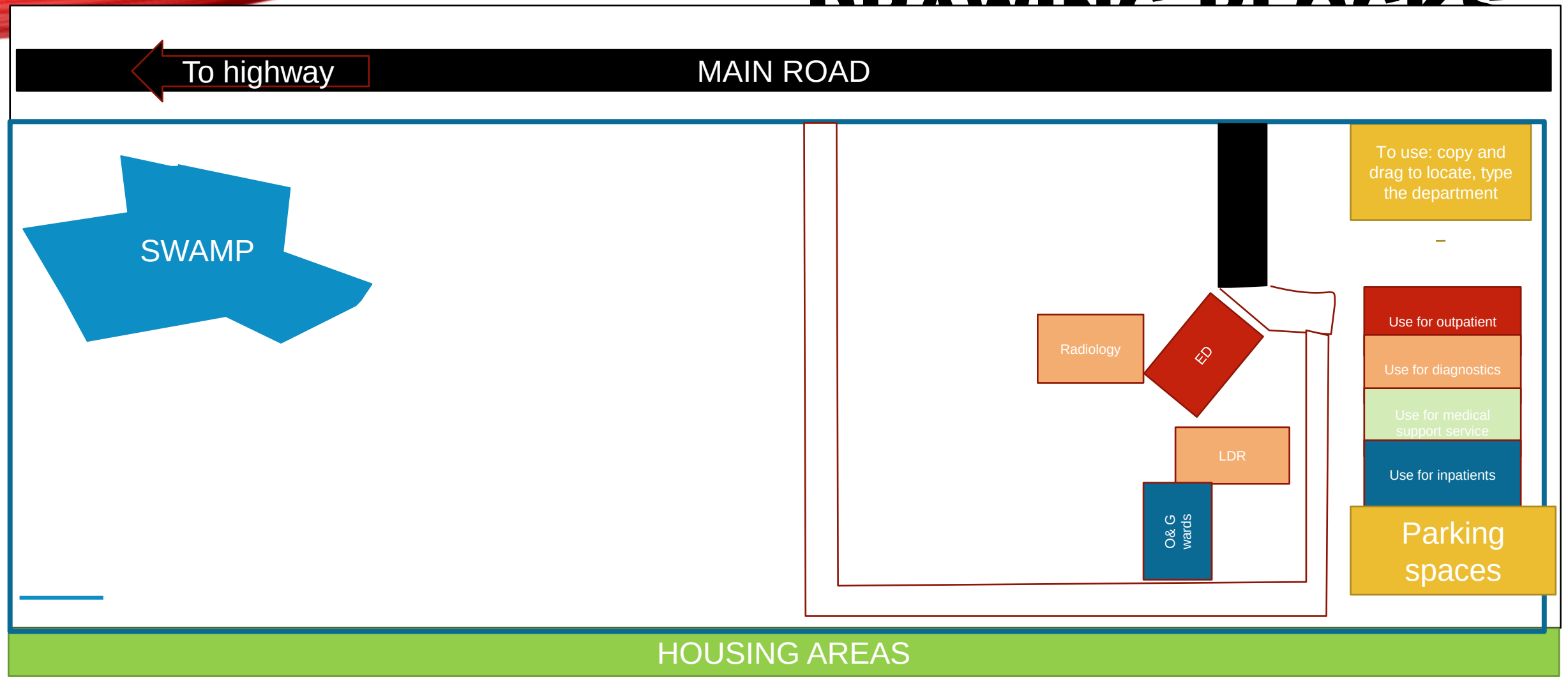
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WORKSHOP PRESENTATION TEMPLATE

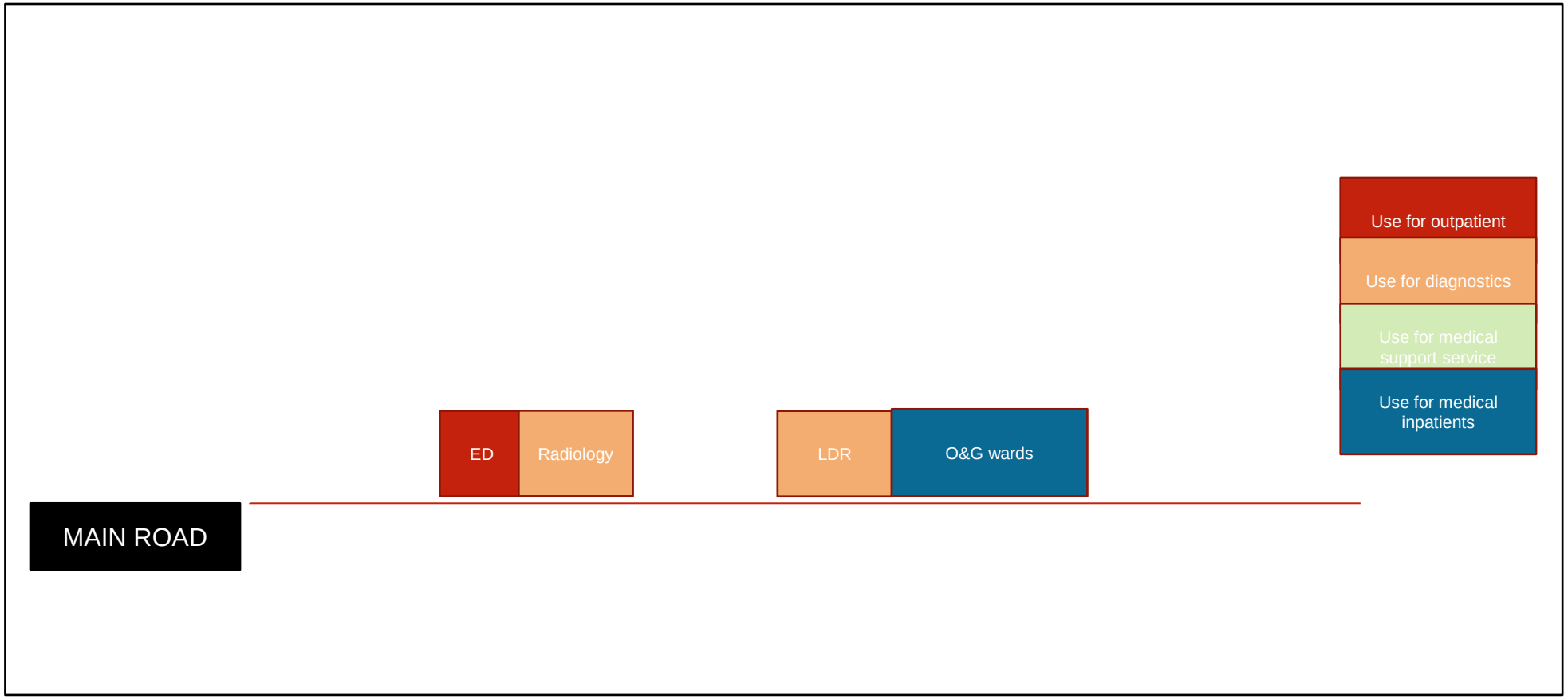
Group :

Case scenario 1:

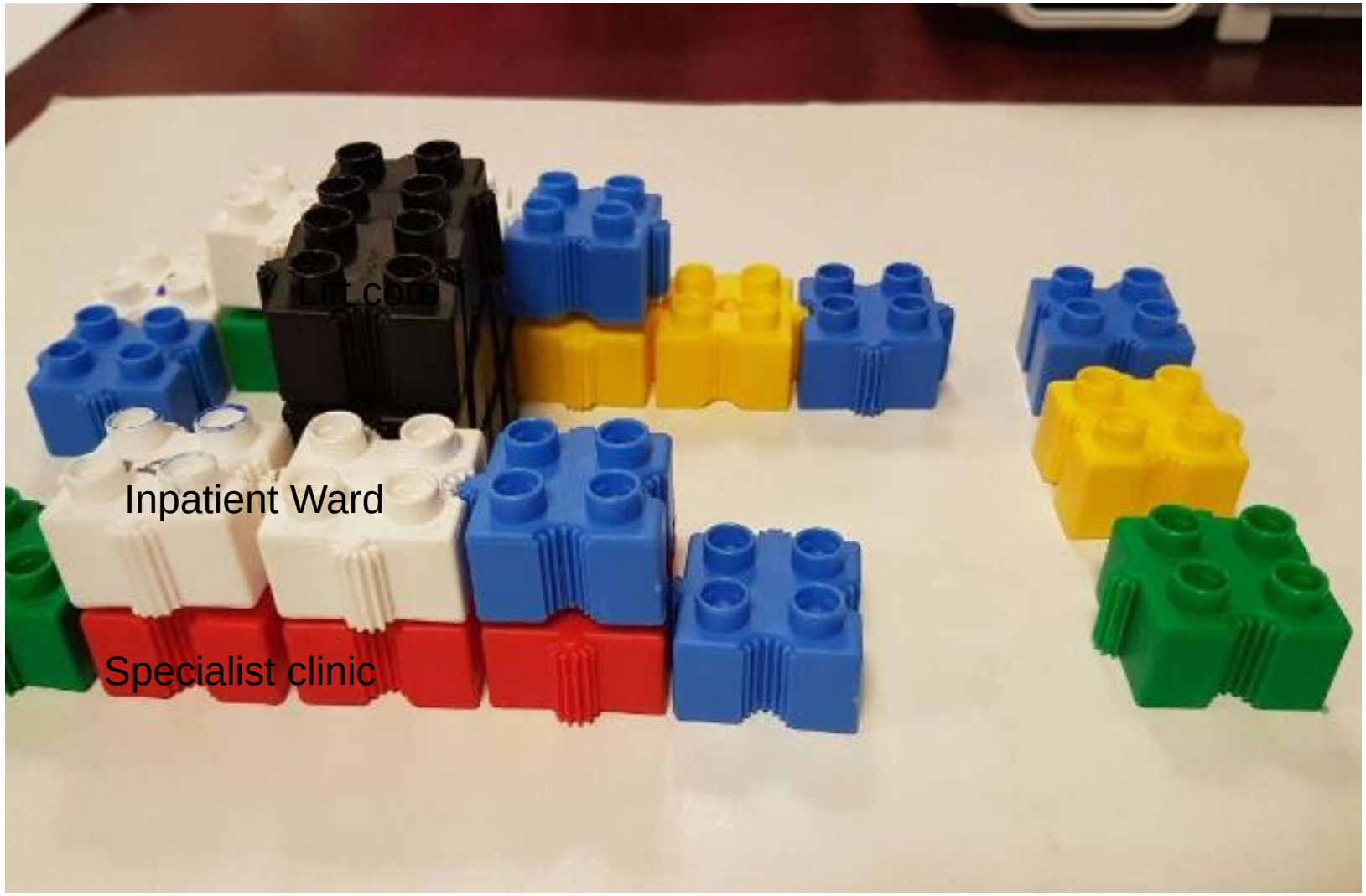
EXAMPLE PROPOSED USING DRAWING BLOCKS



CROSS SECTIONAL LAYOUT OF PROPOSED SITE



PROPOSED HOSPITAL BLOCK



CONTENT

During the above presentations, explain :

- Your layout
- Reason for location/s
- Future plans and site identification
- Reasons for location of departments
- Constraints and issues faced

WORKSHOP PRESENTATION TEMPLATE

Group :

Case scenario 2:

SITE LAYOUT


Klinik kesihatan (baru)
SWAMPY AREA
HDU
Catering
carpark
Newly built quarters
M&E block
Specialist clinic
General Hospital
Landscape area
Sekolah Menengah Kebangsaan Baru
Q645
Q353
Q353
Wisma Persekutuan Miri, Jalan Cahaya Lopeng
Google

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Medical support service	Catering Mortuary CSSD		
Inpatient	Wad (8) ICU OT – 4 Labor & Delivery Room - 10		


THANK
YOU

Group 1	Group 2	Group 3	Group 4
YBhg. Dato' Dr. Hassan Merican bin Omar Naina Merican.	YBhg. Dato' Dr. Norsidah Ismail.	YBhg. Dato’ Dr Haji Rahimi bin Goon.	Dr Murnianti binti Haji Hassan.
Dr. Azhar bin Mohd Sali.	Dr. Zaleha binti Md Noor.	Dr. Hazlinda bt Hamzah .	Dr. Aman bin Rabu.
Dr. Saifur Rahman bin Muhammad.	Dr. Farah Najwa binti Abdul Rahim.	Dr. Mazila binti Md Zain.	Dr. Norlimah bt Arsah .
Dr. William Gotulis.	Dr. Abdul Hamid Jaafar.	Dr. Francis Paul .	Dr. Nors'adah binti Abdul Aziz .
Dr. Mohd bin Jusoh.		Dr. Hajah Selasawati binti Haji Ghazali.	Dr. Sakinah Bt Alwi.
Puan Siti Rahayu binti Ahmad Rusli.	Dr. Goh Hin Kwang.	En. Hazyzul bin Abu Hassan.	Encik Norhazly bin Nion.
Dr. Amirulhisham bin Zainol.	Dr. Izwana Hamzah.	Dr. Azlina binti Muhamad Radzi.	Dr Haji Kamaruddin bin Haji Alias.
Dr Affendi bin Yusuf.	Dr Jasmeet Singh a/l Sucha Singh.	Dr Mohd Zamri bin Wagiman@Saim.	Puan Rauidah binti Rahmat .
Cik Jessica Joannes Solidau.	Encik Teng Jin Kuen.	Pn. Rohaida Idayu binti Nawi.	Encik Razuan Moksin.
Dr. Othman bin Warijo.	Dr. Hayati binti Mohd Radzi.	Dr. Zaitun binti Udin.	Dr. Zainal bin Che Mee.
Dr.Norhamimah binti Abdullah.	Dr. Faidzal Adlee bin Abdul Gafar.	Dr. Sal binti Atan .	Dr. Norazmi bin Abdullah.
Dr Ling He Mey.	Dr Zainudin bin Mohd Ali.	YBhg. Datuk Dul Hadi bin Mat Junid.	Dr. Mohamed Sapian bin Mohamed.
Dr. Junaidden Mohamad Zain	Dr. Kamarudin bin Lajim.	Dr. Haji Nordin bin Saleh .	Dr.Rafidah Md. Noor.
Dr. Davis Johnraj.	Dr. Jack Wong Siew Yu .	Dr. Shamsul Anuar bin Kamarudin.	Cik Yap Lay Hoon.
Dr. Elizabeth a/p Anthony.	Dr Muhammad Najib bin Adnan.	Dr Mustafa Shawal bin Safian.	YBhg. Datin Dr Harlina binti Abdul Rashid.
Dr. Fatin Mahirah bt. Mahmood	Dr. Sarina binti Sidek.	Dr. Rusdi bin Abd Rahman.	Dr. Naidu A/L Sannasi.
Encik Mohd Firdaus bin Mohd Arif.	Pn.Syahzuriana Bt. Ab Rahim.	Dr. Muhamad Asraf bin Azhari.	Dr. Noor Sarah binti Zainol.
Encik Hasrul Afendi bt Alias .	Encik Haroun Agoes Salim bin Shafie.	Encik Mohamad Affandi bin Kareem.	