



MMH Architects Inc.
Architects & Planning Consultants

TOWN OF MARKHAM



EMERGENCY OPERATIONS CENTRE (EOC)

8100 Warden Avenue

Presented By : Fouad Captan



THE EOC

- ✓ What is the EOC?
- ✓ Why at the current location ?
- ✓ Purpose and functions of the EOC.
- ✓ Who makes up the EOC ?
- ✓ What happens when an emergency/disaster strikes ?
- ✓ What happens to the offices & boardrooms in non-emergency situations ?
- ✓ The designed space.
- ✓ Dollars and Sense.





THE EOC

√ What is the EOC ?



The EOC, is a central command and control facility responsible for carrying out the principles of emergency preparedness and emergency management, and disaster management functions at a strategic level in an emergency situation ensuring the continuity of operation of a company, political subdivision or other strategic organization.



THE EOC

✓ Advantages of the New Location

- ✓ Will allow for the continuation of emergency response operations in the event of power interruptions in the form of current backup power supply (i.e., UPS, generator) located at 8100 Warden.
- ✓ Sufficient and appropriate resources would be incorporated in order to supply uninterrupted communications, decision-making capability, and administration and coordination capacity in order to manage the emergency event.
- ✓ Allow for decreased disruption of Town operations in the event of long-term EOC activation by the elimination of the need to utilize key meeting rooms currently used by staff and the public at the Civic Centre.
- ✓ Serve as a training area and meeting rooms that can be converted quickly into a functioning EOC.





THE EOC

- ✓ Purpose and functions of the EOC.
- ✓ An Emergency Operations Centre is a pre-designated facility, set up off site, to provide support to onsite responders that may require policy, coordination and resource direction for site activities in larger emergencies.
- ✓ The EOC has overall responsibility for the following strategic site support activities:
 - Policy, direction and support
 - Information, collection, evaluation and dissemination
 - Coordination of participating agencies and operations
 - Establishment of priorities for emergency response and recovery
 - Resource management (people and equipment)
 - Communications (internal and external)
 - Public Information and warnings.



THE EOC

✓ Who makes up the EOC ?

Trained professionals representing different departments of the Town, Region, Province and /or Country. They Include:



- Policy Group: Mayor, Legal Advisor, CAO, Commissioners
- Management: CAO, Emergency Preparedness Coordinator/Planner, Communications (Media) Officer.
- Operations: Department/Divisions that would direct communication with the site activity and provide direct support to the site Incident Manager e.g. Fire, Police, Health Department, Water/Wastewater, Transit, etc.
- Planning: Staff who possess an ability to analyze and summarize information, knowledge of information management systems and familiarity with use of maps and plotting information



THE EOC

√ What happens when an emergency/disaster strikes ?

The Town of Markham has the responsibility for supplying the initial response to an emergency. Upon warning of an impending situation or notification of an emergency, The Mayor, CAO, the Fire Chief or their designate(s) may request that the Fire and Emergency Services Communications Centre activate the Town's Emergency Alerting system.



THE EOC

√ What happens to the offices & boardrooms in non-emergency situations ?

The space continues in regular capacity as convertible meeting rooms, kitchen, lunchroom, classroom and fitness area.



THE EOC

The designed space.



THE EOC

CONTROL GROUP
CONFERENCE ROOM

COMMUNICATIONS
ROOM

OPERATIONS
ROOM

KITCHEN &
LUNCH ROOM

FINANCE
BREAKOUT
ROOM

PLANNING
BREAKOUT
ROOM

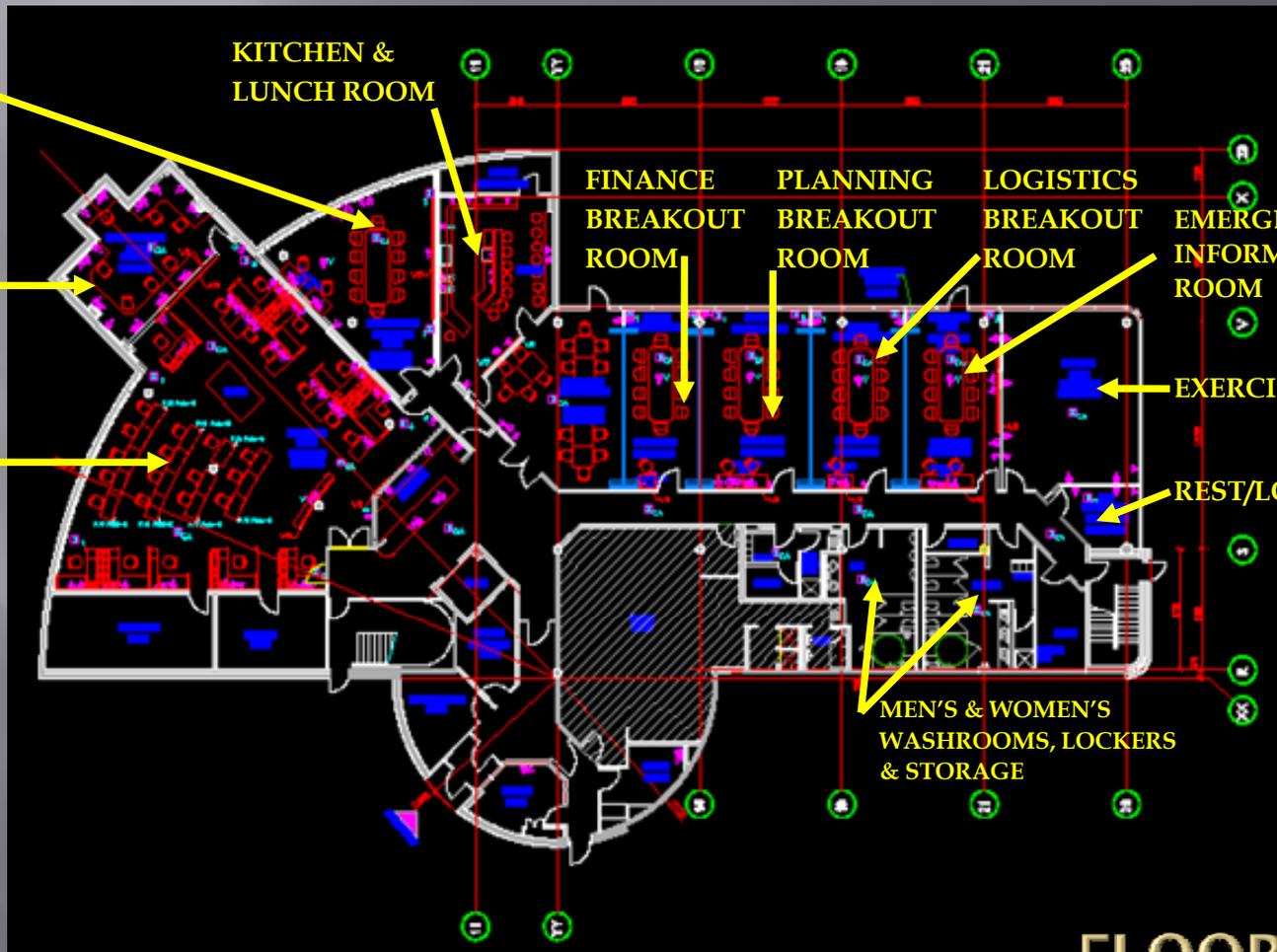
LOGISTICS
BREAKOUT
ROOM

EMERGENCY PUBLIC
INFORMATION
ROOM

EXERCISE ROOM

REST/LOUNGE ROOM

MEN'S & WOMEN'S
WASHROOMS, LOCKERS
& STORAGE

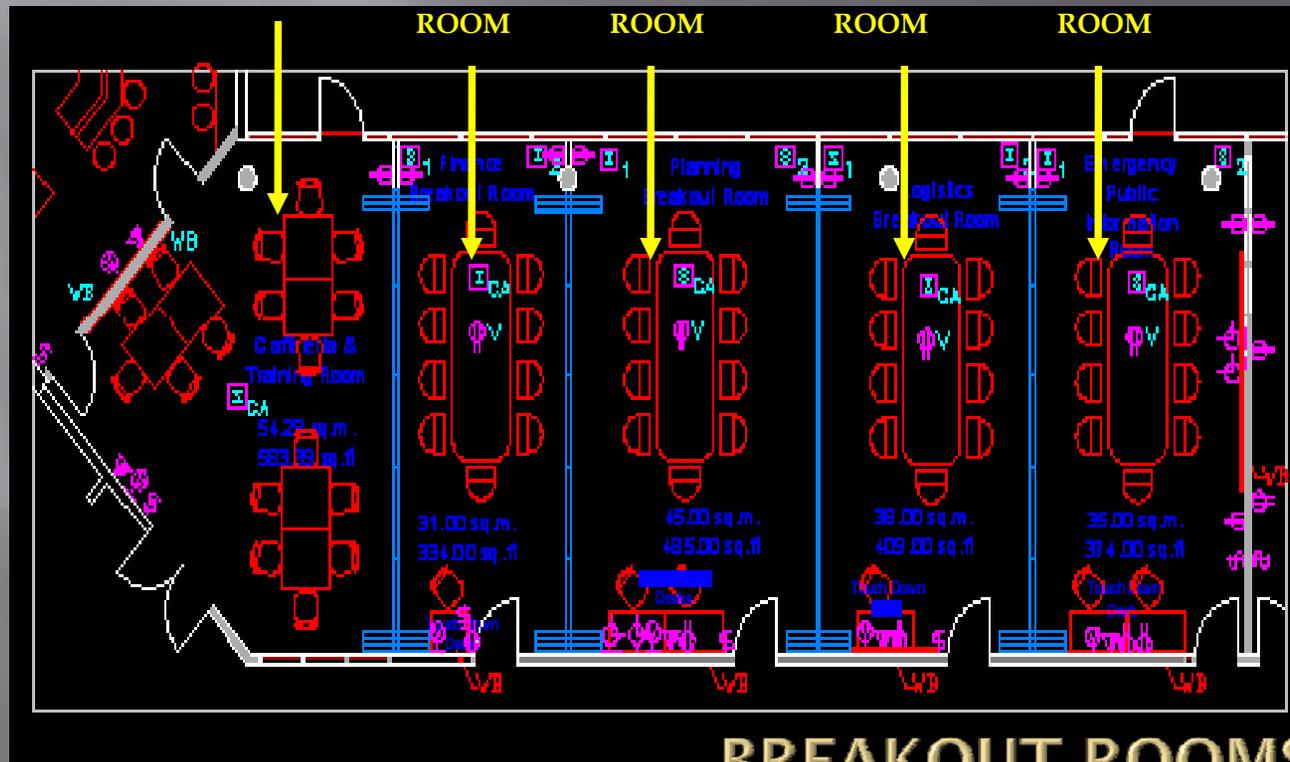


FLOOR PLAN



THE EOC

LUNCH ROOM FINANCE BREAKOUT ROOM PLANNING BREAKOUT ROOM LOGISTICS BREAKOUT ROOM EMERGENCY PUBLIC INFORMATION ROOM



BREAKOUT ROOMS PLAN



THE EOC

COMMUNICATIONS ROOM

OPERATIONS ROOM



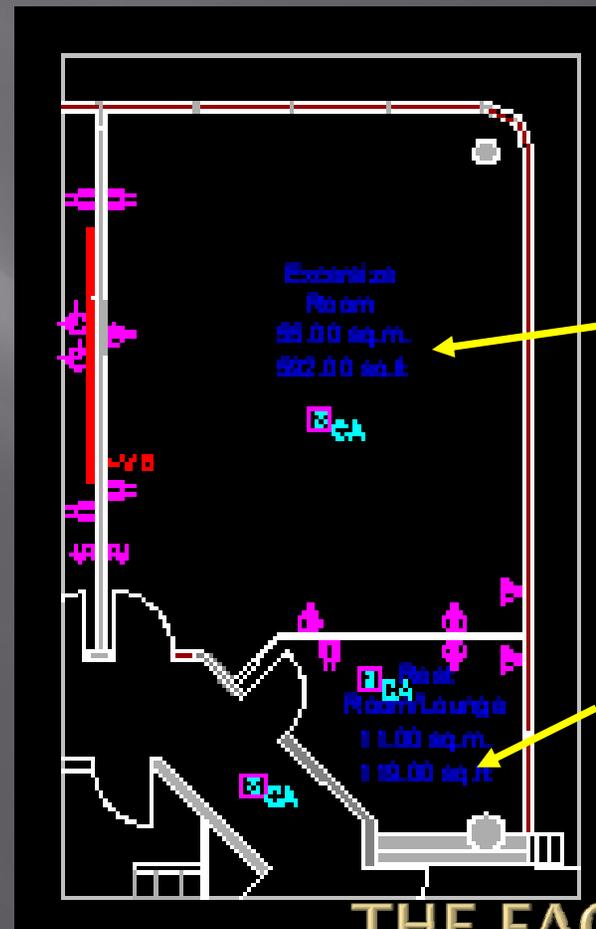
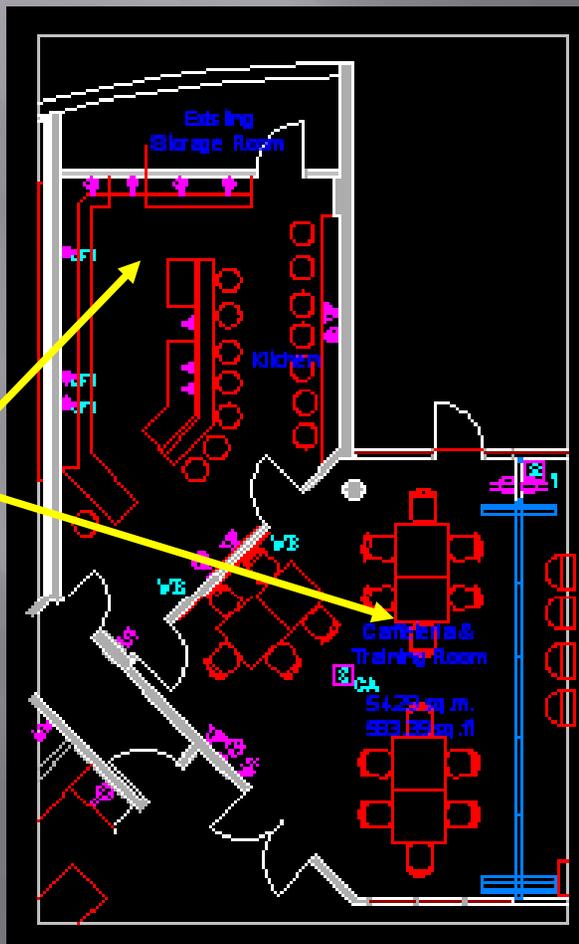
CONTROL GROUP CONFERENCE ROOM

THE HUB



THE EOC

KITCHEN & LUNCH ROOM



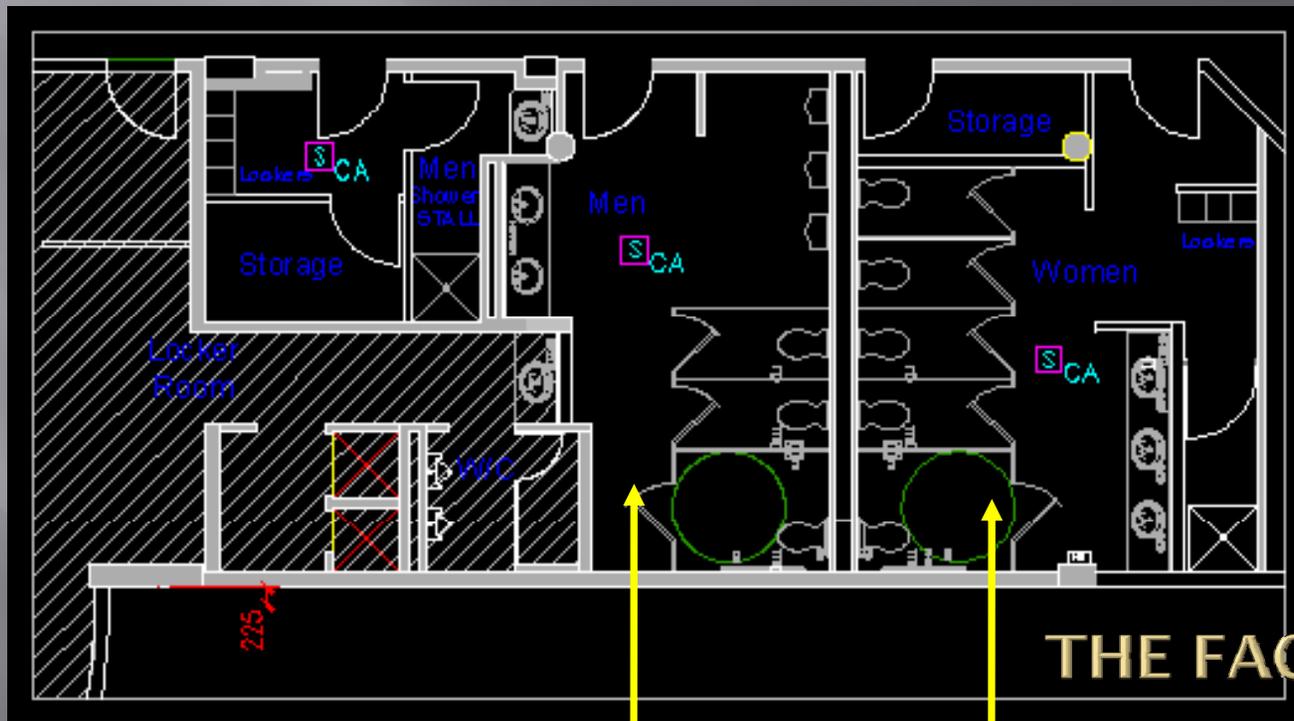
EXERCISE ROOM

REST/LOUNGE ROOM

THE FACILITIES



THE EOC



THE FACILITIES

MEN'S WASHROOMS,
LOCKERS & STORAGE

WOMEN'S WASHROOMS,
LOCKERS & STORAGE



THE EOC

- ✓ The impact of the renovation.
- ✓ Use and or re-use of existing building components.
- ✓ Existing and new furniture.
- ✓ Existing and new equipment.
- ✓ Finishes including floors, walls ceilings etc.



THE EOC

ORDER OF MAGNITUDE COST ESTIMATE

This Order of Magnitude Cost Estimate, reflects the cost of construction for elements and components selected thus far but also takes into consideration the approximate cost of portions of the project that are yet to be finalized. This estimate also provides contingencies for the cost of design or construction modifications that may be required as part of the completed project.



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THE EOC

THANK YOU FOR THE OPPORTUNITY TO
MAKE THIS PRESENTATION

QUESTIONS