TGH Emergency Preparedness

ERINN SKIBA, MANAGER OF EMERGENCY PREPAREDNESS

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➢ **TGH Emergency Management – Disaster Planning Committee**

  ➢ Multidisciplinary

  ➢ Leadership

  ➢ Meets Bi-monthly

  ➢ Report to the Environment of Care (EOC) Oversight Committee

  ➢ Develop strategies through identification and prioritization of risk resulting in emergency management efforts throughout the organization

  ➢ Goal is to enhance our capability and improve the TGH's ability to respond to all threats and care for our patients

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

Membership

Co-Chaired by the Senior Vice President of Support Services and Chief Nursing Officer

- Emergency Department
- Patient Care Services
- Registration
- Ambulatory Services
- Media Relations
- Communications
- Information Systems
- Volunteer Services
- Medical Staff Office

- Trauma Services
- Facilities
- Risk Management
- Employee Health
- Supply and Distribution
- Laboratory
- Pharmacy
- Radiology
- Surgical Services

- Security
- Organizational Development
- Rehabilitative Services
- Pastoral Care
- Transport
- Dietary
- Infection Prevention
- Pediatrics
- And MANY MORE…

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

Hazard Vulnerability Analysis (HVA)

➤ Hurricanes and Severe Weather
➤ Storm Surge
➤ High Winds
➤ Flooding
➤ Tornadoes
➤ Civil Disturbances
➤ Mass Casualty Incidents
➤ Major Transportation Incidents (to include ground, air, and rail)
➤ Infrastructure Disruption
➤ Utility Failure
➤ Hazmat Releases (fixed facilities and transportation incidents)
➤ Terrorism
➤ Disease and Pandemic Outbreaks

TGH Tampa General Hospital
Trusted for our expertise. Chosen for our care.℠

2017 – Top Ten

1. Hurricane, Tropical Storm, Severe Weather
2. Flood, External
3. Mass Casualty Incident (trauma)
4. Bomb Threat
5. Chemical Exposure, External
6. Small Casualty Hazmat Incident (< 5 victims)
7. Tornado
8. Epidemic
9. Active Shooter
10. Small-Medium Sized Internal Spill

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➤ **Comprehensive Emergency Management Plan (CEMP)**

➤ Administrative and Emergency Contacts
➤ Org Charts
➤ Site Specific Information (beds, evac zone, flood zone)
➤ Hazards
➤ Direction and Control
➤ Communication
➤ Resources and Assets
➤ Utilities
➤ Safety and Security
➤ Staffing and Notification
➤ Clinical Support
➤ Transportation
➤ Agreements
➤ Evacuation and Reentry

6 Critical Function Areas
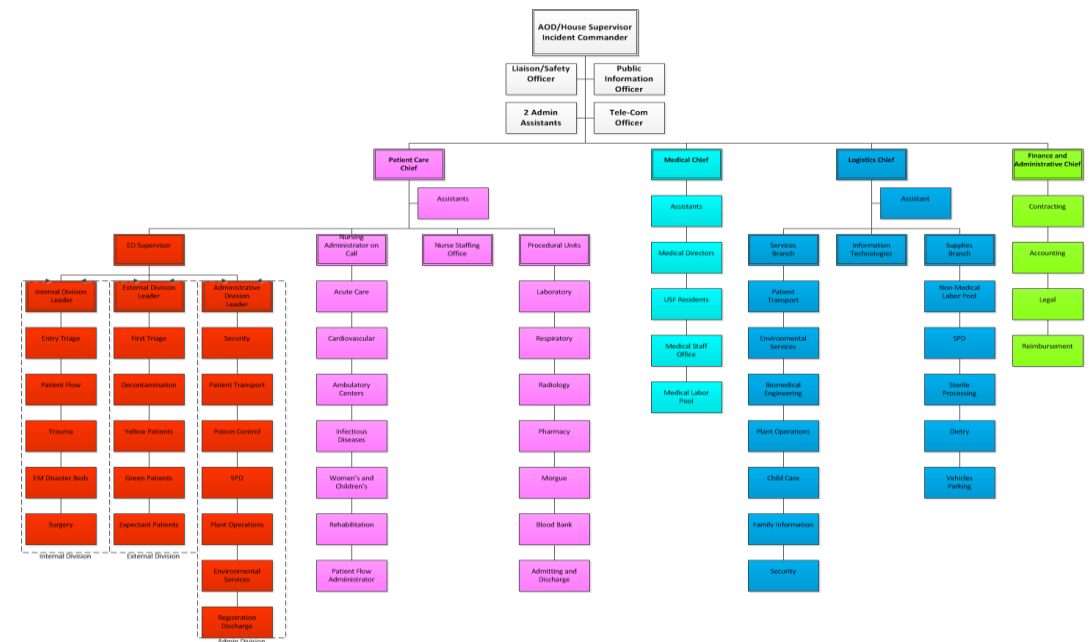
Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➤ **Hurricane Plan**
  ➤ Window/Door Protection
  ➤ Electricity
  ➤ Suction/Air/Medical Gas
  ➤ A/C
  ➤ Sanitation/Linens
  ➤ Supplies
  ➤ Food/Water
  ➤ Hurricane Teams
  ➤ Relocation Plan
  ➤ Recovery Plan

PATIENT RELOCATION PLAN				
CRITICAL CARE				
UNIT		BED CAP	INITIAL PLAN	ALTERNATE	AC IF STAYING IN INITIAL PLAN UNIT
1J2-3	MSICU	17	3K1		
2D1-2	MICU	18	STAY	3K2	YAC
5K 1-2	STICU	18	STAY		YAC
3D1-2	CTICU	18	STAY		YAC
5C1-2	CCU	18	STAY		YAC
5C4	STICU	9	STAY		YAC
5K3-5	NSICU	32	STAY		YAC
6C2	BURN ICU	6	STAY	6K1-2 GI LAB B 14-19	PAC IF STAYING
6C3	PROGRESSIVE BURN (MT:12)	12	STAY		PAC IF STAYING
9C2	VICU	12	STAY		PAC IF STAYING

RENTAL SPOT COOLERS (208-1-60, 20A)

RECEPTACLE FOR SPOT COOLER (208-1-60, 20A.)

PEDESTAL FANS (115/1)

BACK-UP OXYGEN H-CYLINDER LOCATIONS TO BE LOCATED ONLY BY RESPIRATORY. THE NUMBER OF CYLINDERS TO BE DETERMINED BY RESPIRATORY

LIQUID OXYGEN- DEWARS TANK LOCATION.

ADDITIONAL BACK-UP OXYGEN DEWAR TANK. (NUMBER WITHIN HATCHING INDICATES QUANTITY.)

ZONE VALVE - **NORMAL**

ZONE VALVE - **SURGE / DIS** ('1' INDICATES ZONE #1)

MEDICAL GAS- SURGE DISASTER OUTLETS ('1' INDICATES SERVED BY DISASTER ZONE VALVE #1)

PORTABLE WATERLESS TOILET
P - PATIENT (6)
S - STAFF (4)
(PROVIDE 18 CARTRIDGES NEXT TO EACH TOILET)

ALL WINDOWS ALONG WALL EQUIPPED W/ STORM SHIELD PROTECTION

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➤ Disaster Policies

EC-3 Emergency Codes

EC-4 Fire Responses

EC-19 Notification and Activation of Personnel

EC-20 Internal/External Disaster

EC-21 Planned Evacuation

EC-22 Recommendations for Lines/Equipment during Evacuations

EC-30 Respiratory Protection Policy

EC-45 Fire Prevention Fire Safety Plan During an Operation

EC-49 Disaster/ Terrorism Campus Security

EC-53 Emergency Management Committee

EC-54 Active Shooter

EC-57 Disaster: Emergency Childcare Procedure

HR-3 Disaster: Credentialing Volunteers (Non-Physician/Non-LIP) Practitioners

HR-33 Compensation: Disaster Pay Practices

HR-66 Work Schedules for Non-Exempt Employees

HR-79 Attendance and Tardiness

LD-62 Disaster Relief

LD-92 Accounts Payable Disaster Recovery

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➤ Disaster Inventory and Supplies

➤ Warehouse

➤ Fire Extinguishers, medical gas compressors, spot coolers, portable toilets, linen, food, water

➤ Medical

➤ Mass casualty triage carts, trauma carts

➤ Decon

➤ PAPRs, suits, gloves, boots, tape, filters, batteries

➤ Hurricane

➤ Rain gear, flashlights, batteries, etc.

➤ SPD, pharmacy, linen pre-identified order
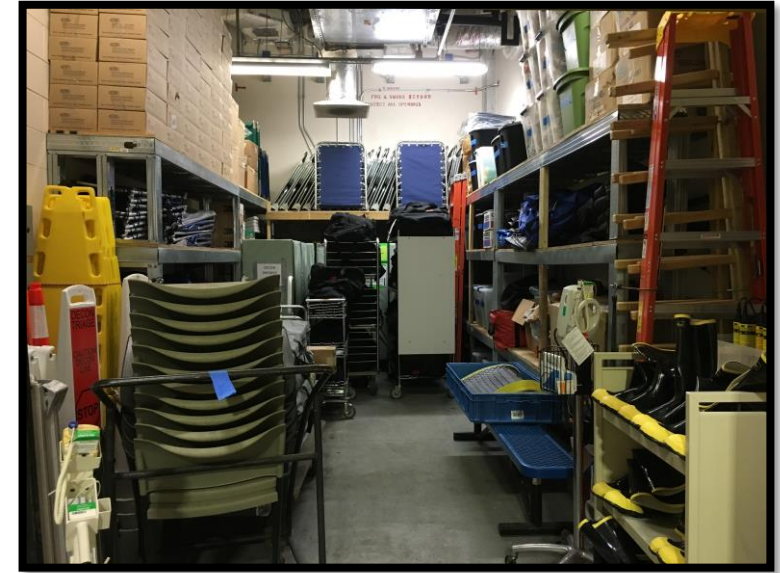
Emergency Food Plan

OLD PLAN	NEW PLAN
Heater Meals	**Meals for All**
Patients – 600	Patients – 800
Staff – 0	Staff - 2700
Total - 600	Total - 3500
Shelf Stable – 3 yrs	Shelf Stable – 10 yrs

S (Plan...ning, Ex...

Preparedness (Planning, Organizing, Training, Exercising, Evaluating)

➤ **TGH is a member of several local Emergency Planning Committees:**
  ➤ City of Tampa Emergency Operations Group (COTEOC)
  ➤ Hillsborough County Emergency Operations Group (HCEOC)
  ➤ Hillsborough County Emergency Medical Planning Council (EMPC)
  ➤ Hillsborough County Healthcare Coalition (HCHC)
  ➤ Tampa Bay Health and Medical Preparedness Coalition (R4HCC)
  ➤ Local Emergency Planning Council (LEPC)
  ➤ Urban Area Security Initiative (UASI)
  ➤ Regional Domestic Security Task Force (RDSTF)
  ➤ FHA Emergency Preparedness and Response Task Force

1994
1987
1982
Parking Garage
2007

1 Davis Garage
1925

1 Davis MOB
1958

USF MOB
2007

Harbourside MOB
1986

Cancer Center
1982

West Pavilion
1983

Bayshore Pavilion
2007

South Wing
1971

East Pavilion
1927

Central Energy Plant
1982

North Wing
1955

1J1
1999

Annex
1975

NICU
2011

Rehabilitation Center
1983

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➤ **Central Energy Plant (CEP)**
  ➤ Fuel
  ➤ Generators
  ➤ Chillers
  ➤ Energy Hill Relocation

➤ **Future Expansion**
  ➤ Relocate Steam Production
  ➤ Provide additional generation for 100% emergency back up power

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢**Fuel Supply**

   ➢6-8000 gallon submersible tanks bolted to the ground

   ➢Fuel the hospital for a minimum of 96 hours on full load
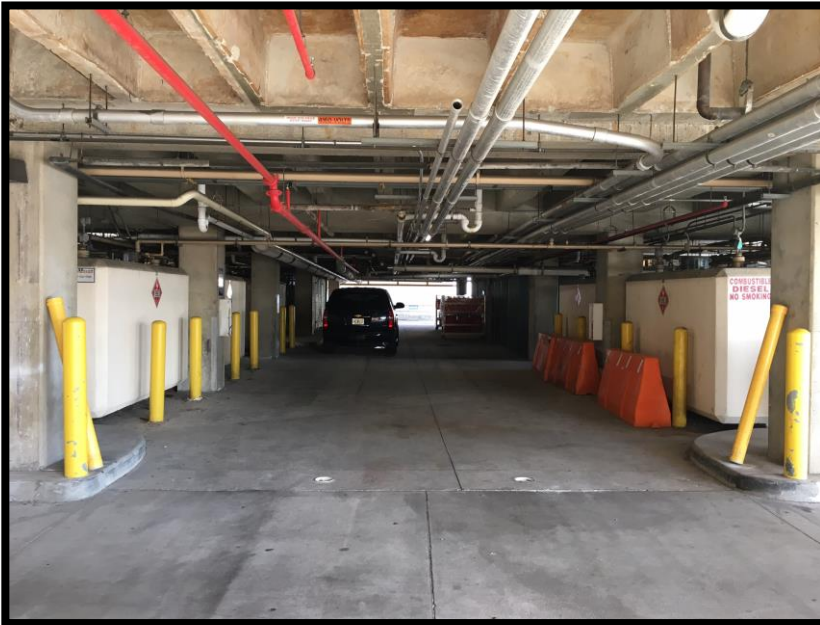
Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Generators**
   ➢ 4 – 1500 kWs
   ➢ 2 (750kW and 565kW) in the Annex

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Chillers**
  ➢ 5 in CEP, 1 in the building
  ➢ 3 on emergency power

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Energy Hill Relocation**
  ➢ **Completed in 2015**

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢**Future Expansion**
  ➢**Boilers**

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Generator Hook-ups**

➢ **Contract with Ring Power for additional generators to be brought in post-event**

➢**3 – 2000kW**
➢**1 – 1000kW**

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Hurricane Shutters/Curtains/Roll-downs/Submarine Doors**
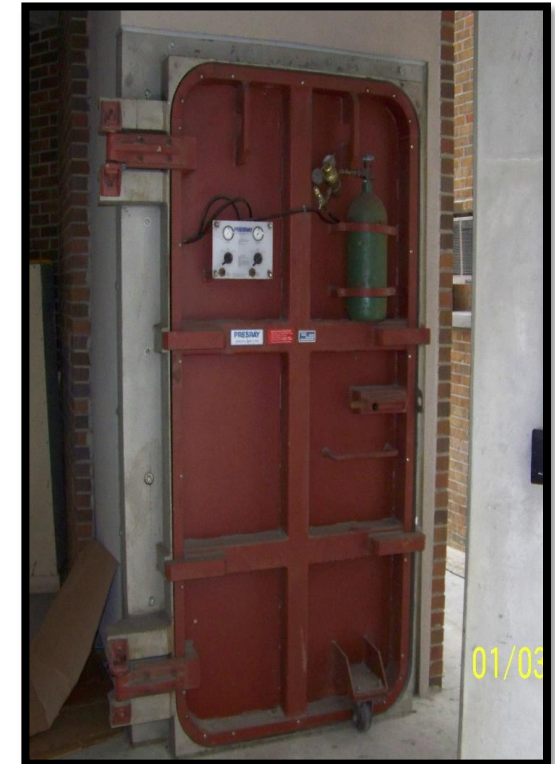
Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **TECO Transmission Lines (in progress)**

Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Back-Up Wells (in progress)**
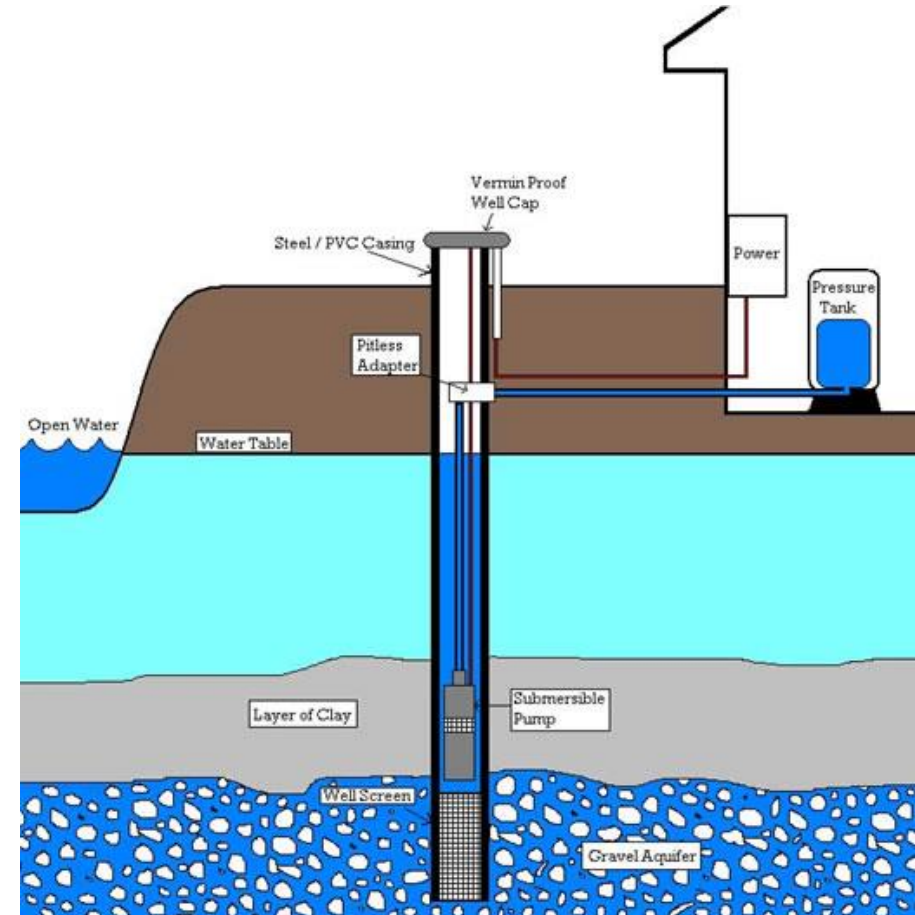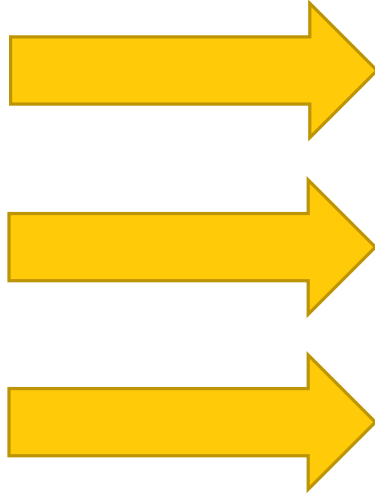
Mitigation (Structural and Non-Structural Changes to Limit Impact)

➢ **Mooring (in progress)**
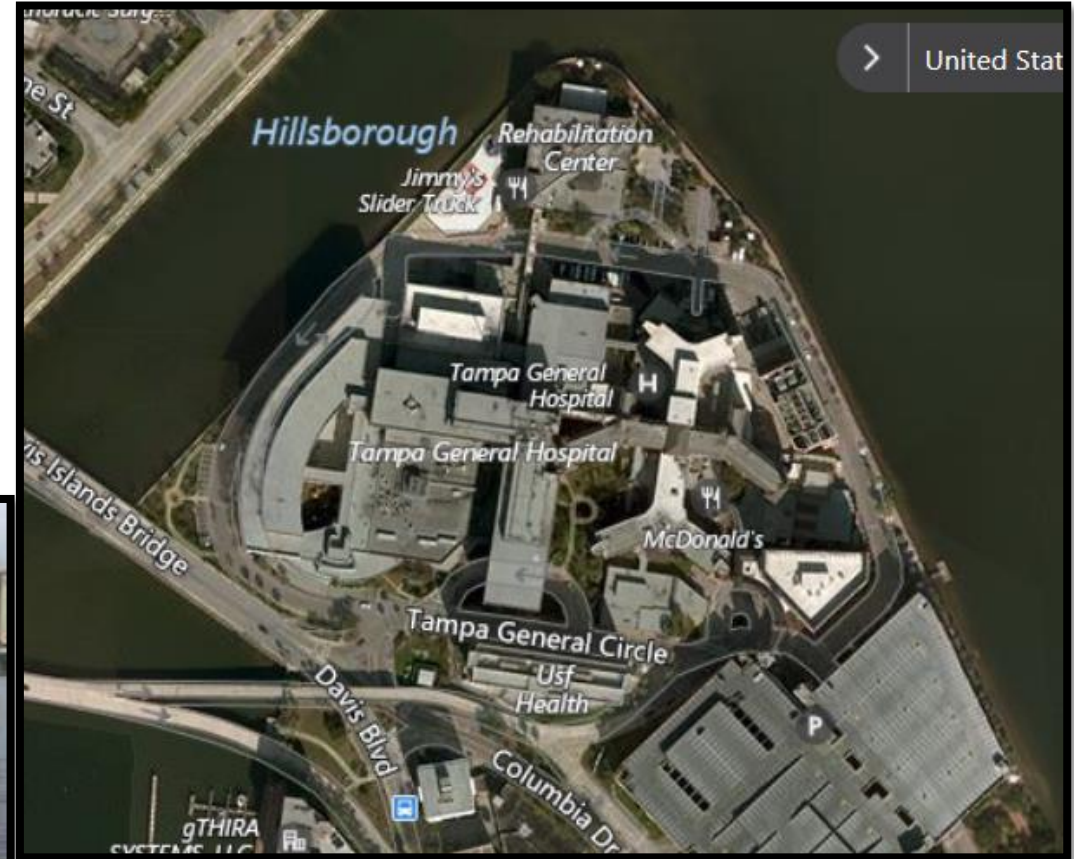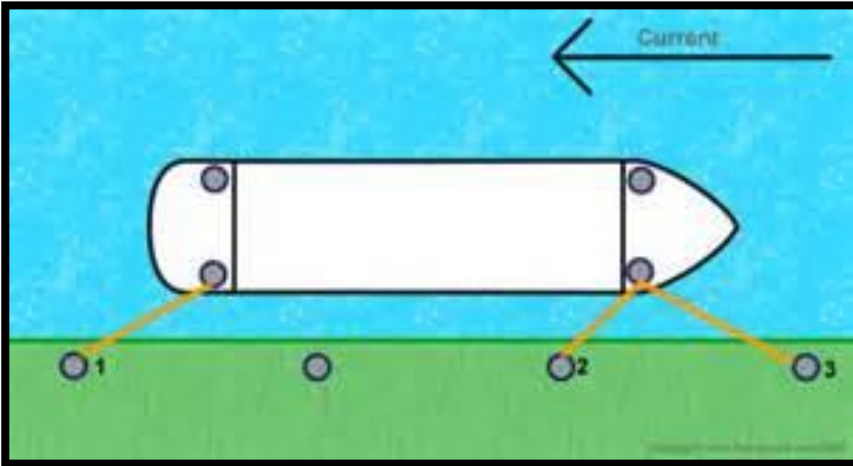
Mitigation (Structural and Non-Structural Changes to Limit Impact)

➤ **Temporary Emergency Bridge (beginning phases of discussion with the City)**
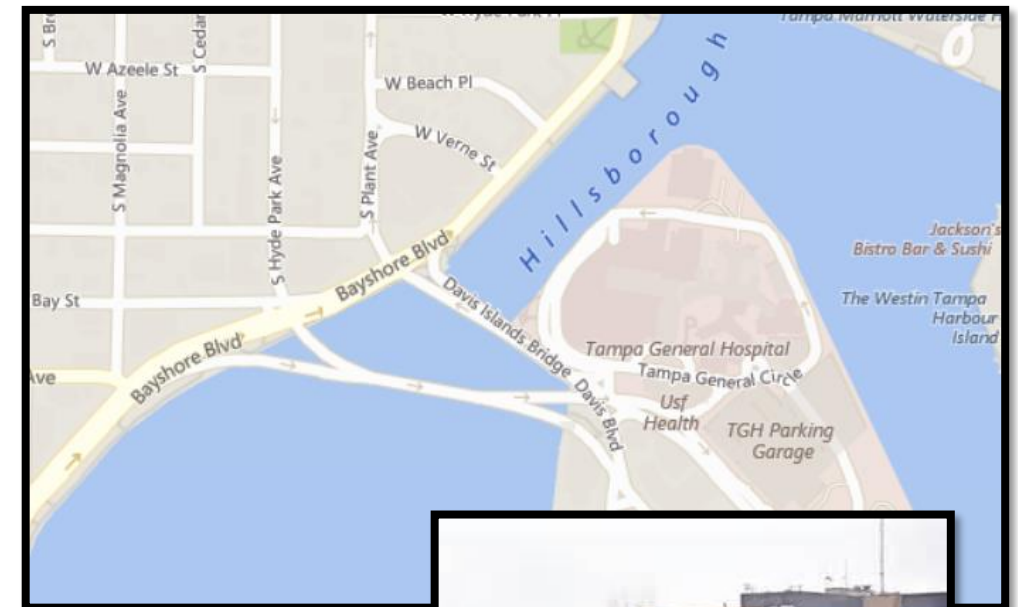
Response (Coordination and Management of Resources, Responding to a Disaster)

➤ **Notification**

1. Overhead Paging
2. Amcom Paging
3. TGH Alert
4. Everyone Emails
5. Portal Updates
6. Employee Disaster Website
7. Employee Disaster Phone Line

TGH Alert

Mandatory for all employees

Sign up (https://www.getrave.com/login/tgh)

Response (Coordination and Management of Resources, Responding to a Disaster)

➢ **Alternate Care Site**
  ➢ Mass Casualty/Medical Surge
  ➢ Decon
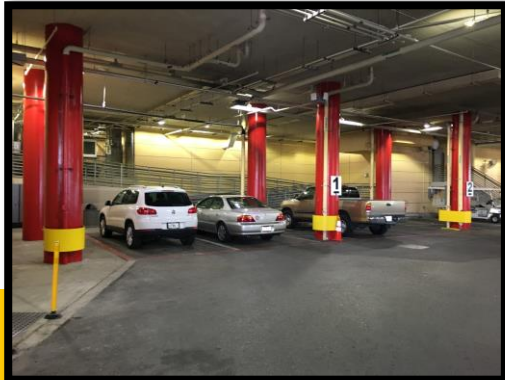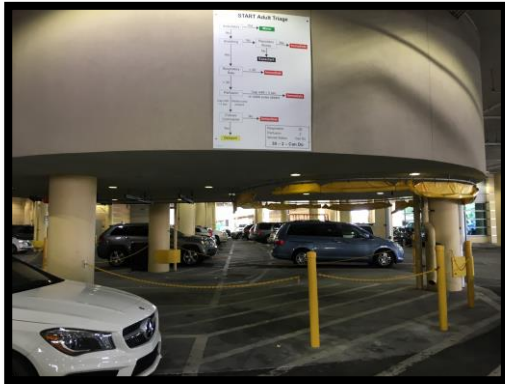
Mass Casualty Patient Decontamination, Triage and Alternative Care Site, Under the ED
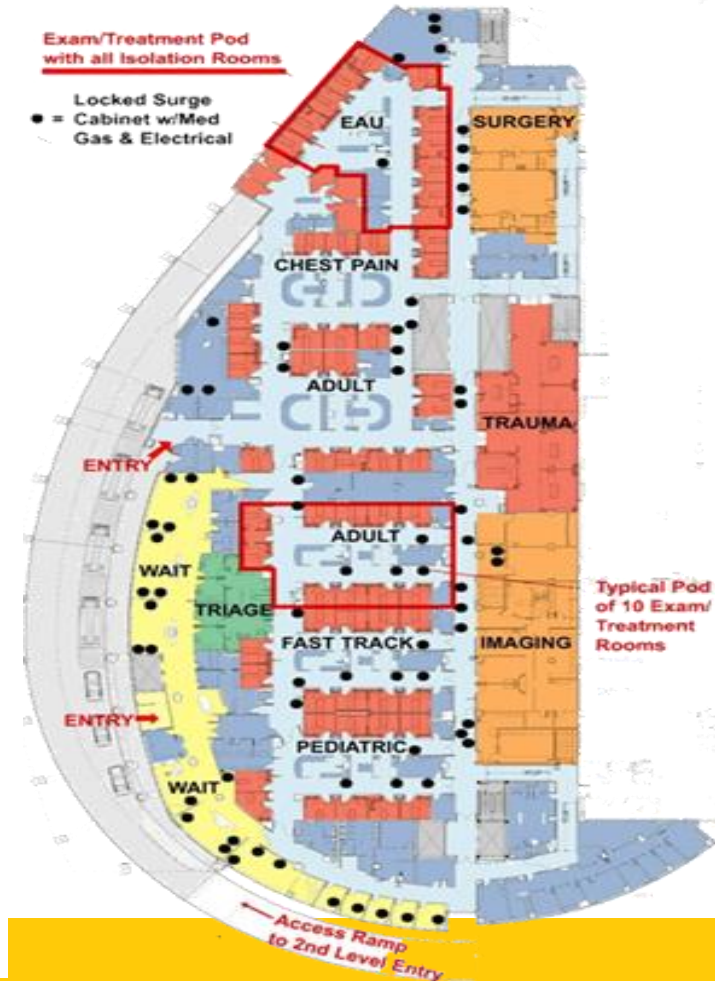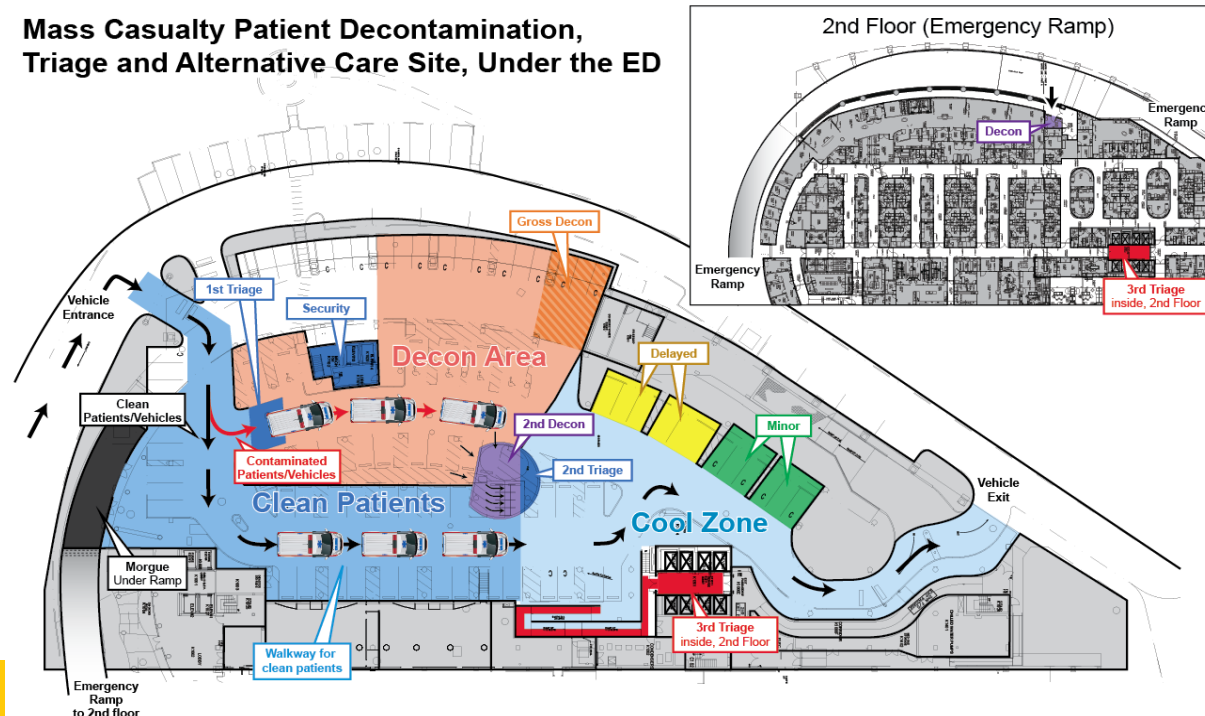
Response (Coordination and Management of Resources, Responding to a Disaster)

➤ **All Hazards Response**

  ➤ Hospital wide support

➤ **B301 –Incident Command Center**

  ➤ Command, control, and coordination of the response

  ➤ Communication (internal and external)

  ➤ Manage resources

Recovery (Restore Critical Functions, Manage Stabilization, Return to Normalcy)

➢ **Short-term**
  ➢ **Operational**
    ➢ Damage Assessment
    ➢ Clean up/Restoration
  ➢ **Information Technology**
    ➢ Disaster Recovery Plan
      ➢ Outlines Tiers and Priorities

➢ **Long-term**
  ➢ Restoring economic impact
  ➢ Rebuilding infrastructure

Disaster Recovery
Tiers/Priority
Critical to Patient Care and Revenue Preservation

Tier 1	Infrastructure	Patient Care	Patient Management	Revenue & Billing	Employee Management
	Interfaces	PACS	Teletracking	PFM	Kronos HR, Payroll and Workforce
	VMWare ESX	Merge Vericis	Rauland Borg	ePremis	ANSOS
	SQL Services	Epihany			
	BMDI	Powerscribe			
		Laboratory (SunQuest/CoPath)			
		Aegis			
		IGO			
		Computrition			
		Emergin			
		Vocera			
		Alaris			
		OB TraceVue			
		PMM			
		Sterile Processing Manager			
		Viewpoint			

Thank you...
any questions ?