



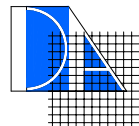
PROPOSED FISHER HOUSE

PROTOTYPE

12 BEDROOM HOUSE

BASIS OF DESIGN

AUGUST 2011



DESIGNTECH ASSOCIATES  
ARCHITECTS + DESIGNERS

PROPOSED FISHER HOUSE  
PROTOTYPE  
12 BEDROOM HOUSE

BASIS OF DESIGN

AUGUST 2011

Introduction

The design information, criteria and technical data contained in this document represent the Fisher House Foundation “Basis of Design” for all future 12 bedroom Fisher Houses.

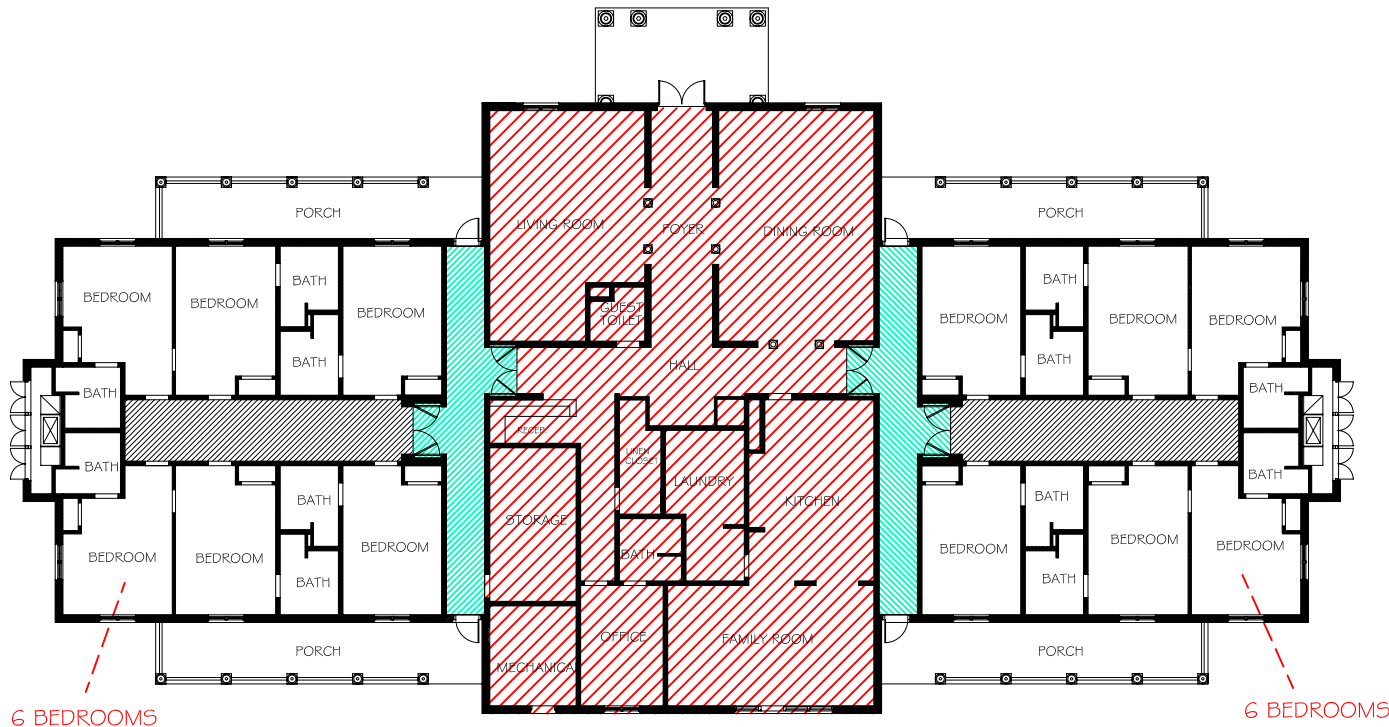
History

From the beginning the houses were designed as a home away from home, based on the “Traditional American One Family House”. This core concept is the primary reason that the “Families” respond so well to the house (home) environment. Although the fundamental design of the houses is based on a large one family wood frame type house, there are supplemental Life Safety design features which respond to the unique nature of the house which include; Automatic Sprinkler System, Fire Alarm System, including Smoke Detectors in all rooms with Smoke Detectors/Strobes in all common areas, Emergency Lighting System and Fire Extinguishers. The Fisher House Foundation has sort to improve the design of the houses throughout the development of the Program and will continue to make improvements in the future.

Proposed Fisher House

The Proposed 12 bedroom Fisher House design remains true to the core concept of the “Traditional American One Family House”. The floor plan layout is based on a center hall design with a living room, dining room, kitchen and family room in the center area and two 6 bedroom wings one on each side. In general the “Core Concept” and fundamental design including the occupancy classification have been maintained.

All of the supplemental Life Safety features previously included in the design of the house will be maintained and include; Automatic Sprinkler System, Fire Alarm System, Smoke Detectors, Emergency Lighting System and Fire Extinguishers. (Please refer to the diagrams that follow for the specific features.)



FLOOR PLAN

# LEGEND



2 HR.  
FIRE RATED  
CEILING



2 HR.  
FIRE RATED  
CORRIDOR











1 HR.  
FIRE RATED  
CORRIDOR

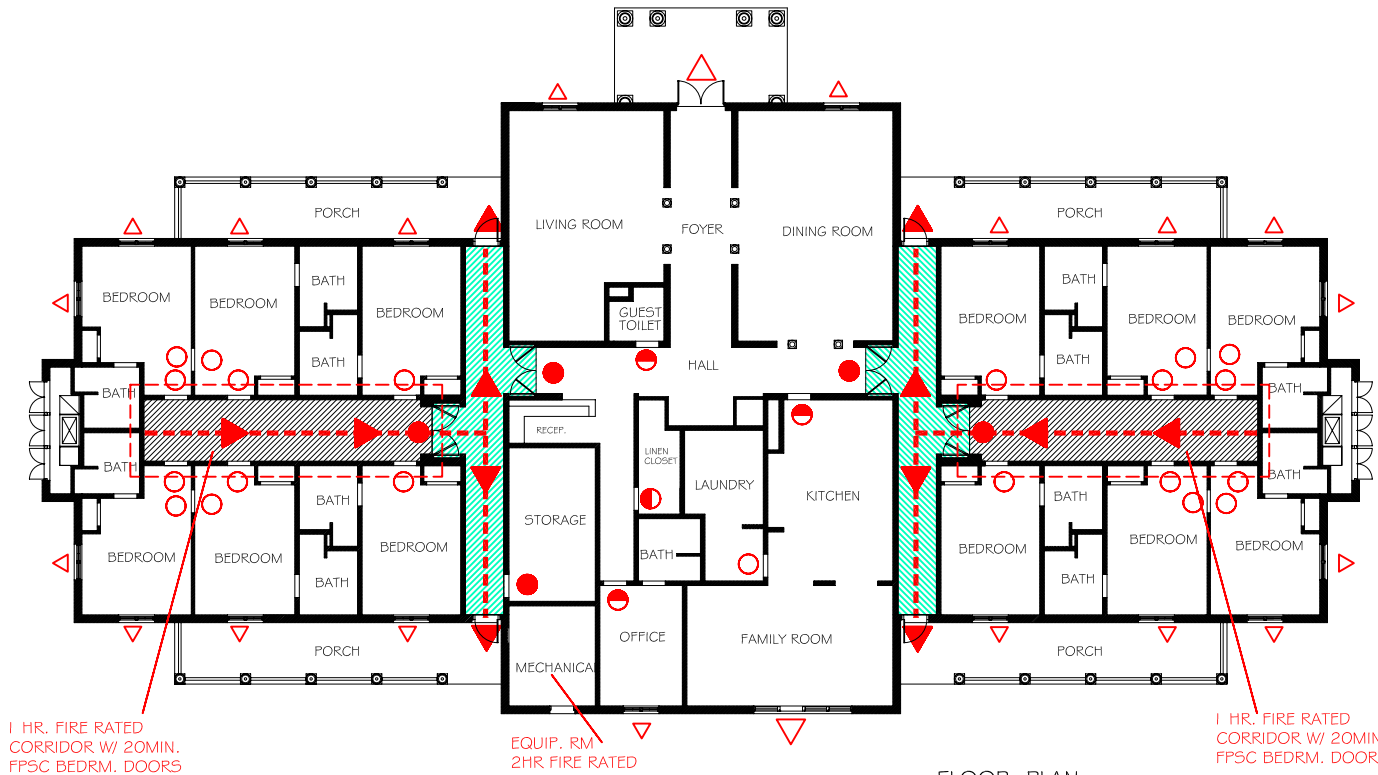
NOTE:  
ALL WALLS/PARTITIONS AND  
CEILINGS ARE ONE HR. FIRE RATED  
UNLESS NOTED OTHERWISE

FISHER HOUSE  
PROTOTYPE  
12 BEDROOM HOUSE  
LIFE SAFETY  
FIRE RATED SEPARATIONS

## LEGEND

-  EGRESS
-  FPSC DOOR (1 1/2 HR.)
-  FPSC DOOR (1 HR.)
-  FPSC DOOR (20 MIN.)
-  EMERGENCY WINDOW
-  EGRESS PATH
-  2 HR. FIRE RATED CORRIDOR
-  1 HR. FIRE RATED CORRIDOR

NOTE:  
ALL WALLS/PARTITIONS AND  
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UNLESS NOTED OTHERWISE



FLOOR PLAN

## FISHER HOUSE PROTOTYPE 12 BEDROOM HOUSE LIFE SAFETY EGRESS

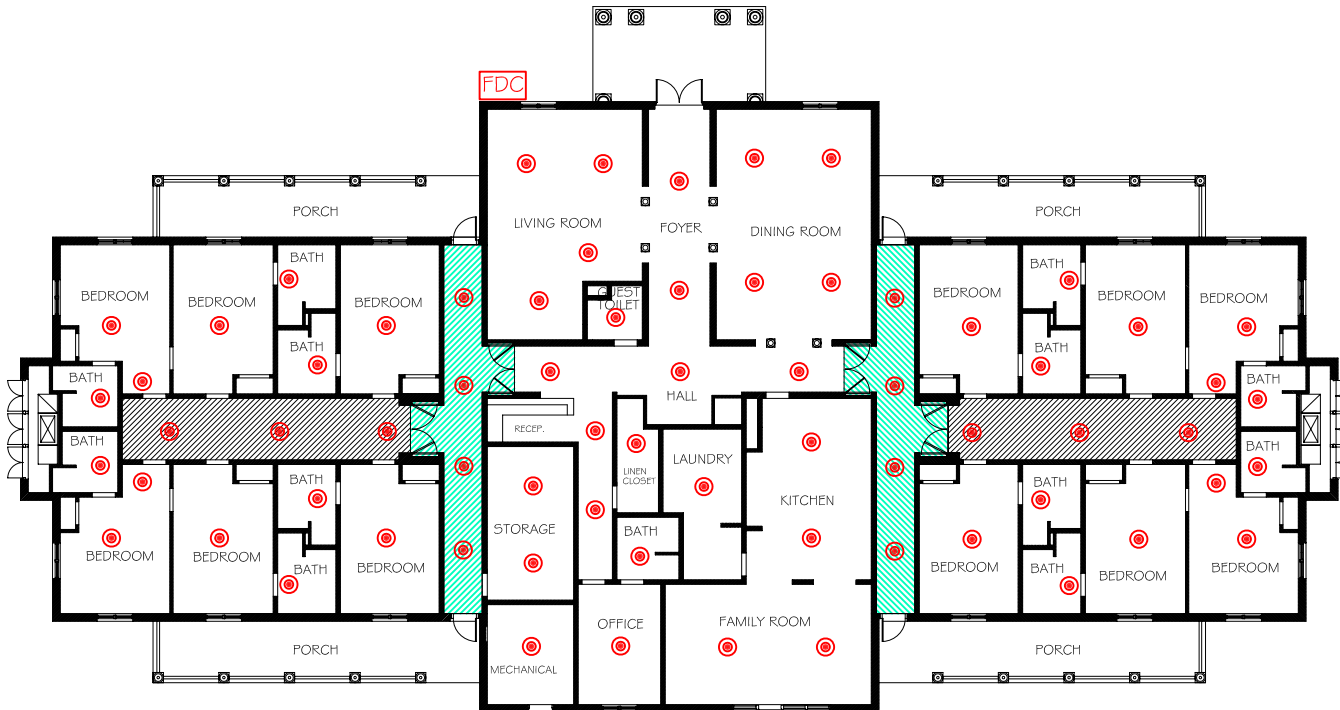
# LEGEND



SPRINKLER

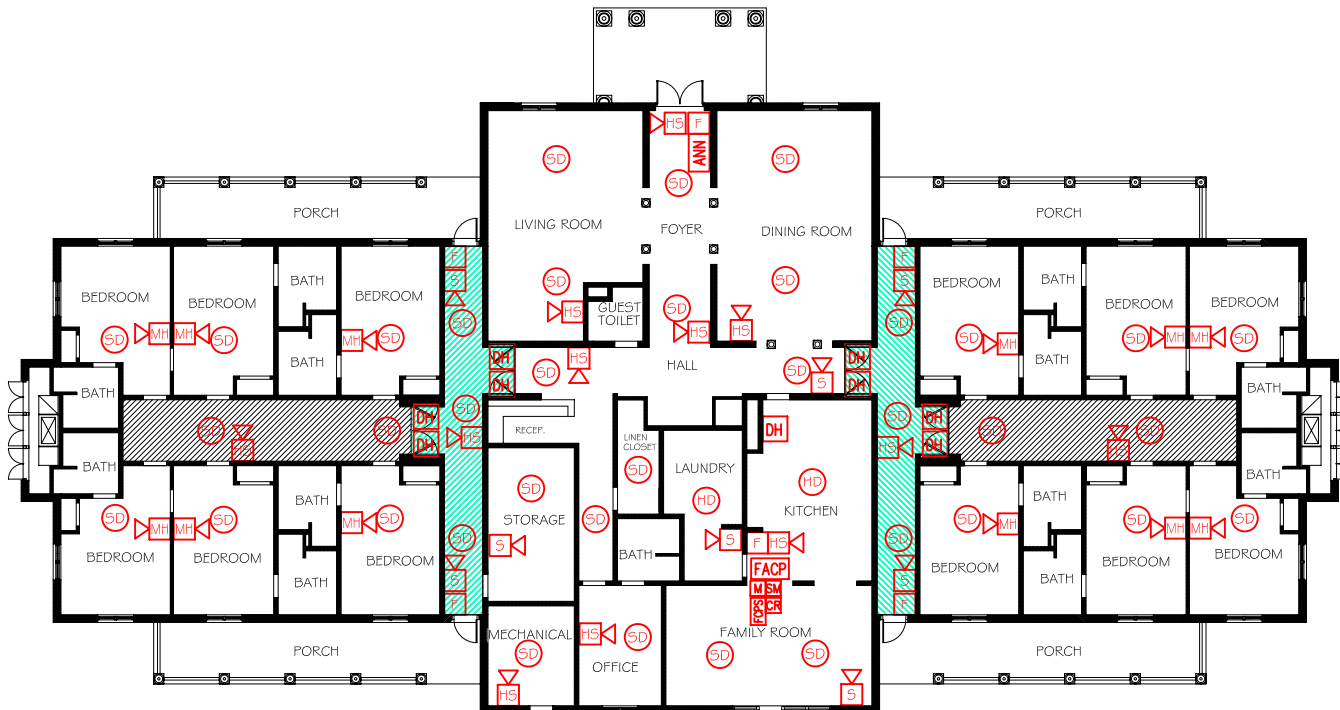


FIRE DEPT.  
CONNECTION



FLOOR PLAN

FISHER HOUSE  
PROTOTYPE  
12 BEDROOM HOUSE  
LIFE SAFETY  
SPRINKLER SYSTEM  
(NFPA 13R)



FLOOR PLAN

# LEGEND

- F F.A MANUAL PULL STATION
- S F.A VISUAL STROBE DEVICE (WALL MTD. 80" AFF)
- HS F.A SPEAKER/ STROBE (WALL MTD. 80" AFF)
- HD THERMAL DETECTOR
- SD PHOTOELCTRIC SMOKE DETECTOR
- DH DOOR HOLD OPEN DEVICE REQUIRES POWER FEED AND INTERCONNECT TO FIRE ALARM SYSTEM
- MH ADA MINI HORN, WALL
- FACP FIRE ALARM CONTROL PANEL
- ANN REMOTE ANNUCIATOR

FISHER HOUSE  
 PROTOTYPE  
 12 BEDROOM HOUSE  
 LIFE SAFETY  
 FIRE ALARM SYSTEM  
 (NFPA 72)

# LEGEND



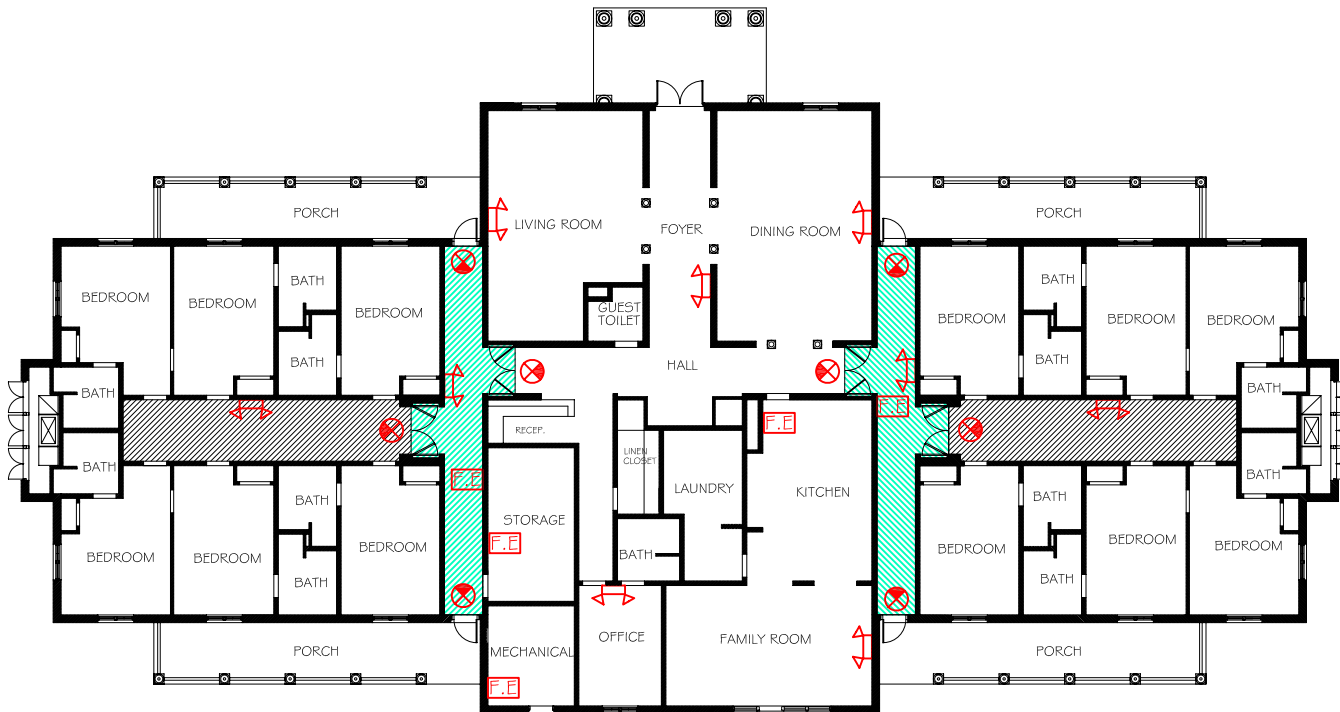
EXIT LIGHT



EMERGENCY  
LIGHTING



FIRE  
EXTINGUISHER



FLOOR PLAN

FISHER HOUSE  
PROTOTYPE  
12 BEDROOM HOUSE  
LIFE SAFETY  
EXIT AND EMERGENCY LIGHTING

### Codes and Standards

Primary Code:

IBC 2006

Use Group “R”

R-1 Residential Occupancy

Construction Classification Type V

Local Seismic Building Code

Site Geotech report/recommendations

Local hurricane code requirements (wind)

Reference Code:

NEC

NFPA 101

NFPA 10

NFPA 13R

NFPA 70

NFPA 72

NFPA 80

NFPA 720

Standards

ACI

ASHRAE

NEMA

ANSI

ASME

UL



The following is an outline of required work to be provided by the by the Hospital Authority in Support of the proposed FH project:

1. Pre Design Phase

- 1.1 All available existing condition drawing related to the FH site including, Master Plan, MEP utilities, Topo existing buildings, right ways etc. are to be provided to FHF for Their information and use.
- 1.2 Provide necessary access to the facility and proposed site for the FH design team, Surveyor, Geotech Engineer, to conduct surveys and take borings.

2. Design Phase

2.1 Based on FH criteria the facility is to provide drawings indicating the following at the proposed FH site:

- a) Primary Electric Service/Transformer (new)
- b) Size Location of Existing/New Water Service
- c) Location of Existing/New Telephone Service
- d) Location of Existing/New Cable TV Service
- e) Location of Existing/New Storm Water Drainage System
- f) Location of Existing/New Sanitary Sewer System
- g) Location of Existing/New Fire Protection (Water) System
- h) Location of Existing/New Irrigation System
- i) Location of Existing/New Fire Alarm Monitoring Line  
To be Connected to the FH Fire Alarm System
- j) Location of Existing/New Site Lighting System

## 2.2 Telephone/Data/Cable TV

- a) FH is prewired and ready for incoming service/systems to be provide by the facility
- b) FH does not include in their scope of work any access card systems or security systems

## 3. Construction Phase

3.1 Prior to the start of the construction work all required temporary utilities are to be provided at the site as follows:

- a) Temporary power-200 AMP service
- b) 2 telephone lines
- c) Water service for construction use
- d) Access paper work for the FH General Contractor