

BUILDING USE DESCRIPTION:  
THIS BUILDING SHALL BE USED FOR NORMAL BUSINESS USE.

**INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS**

BUILDINGS 2440 OPERATIONS BUILDING & 2441 MAINTENANCE/STAGING BUILDING

OCCUPANCY CLASSIFICATION:

BUSINESS GROUP B (SEC. 304.1)  
FACTORY INDUSTRIAL GROUP F-1 MODERATE HAZARD (SEC. 306.2)  
STORAGE GROUP S-1 (SEC. 311.1)

OCCUPANT LOAD: (TBL. 1004.1.1)  
BUSINESS / TRAINING AREAS = 100 GROSS S.F. / OCCUPANT  
9,558 S.F. OFFICE = 96 OCCUPANTS

CAGES = 500 S.F. / OCCUPANT  
4,516 S.F. LOCKER ROOM = 10 OCCUPANTS

ARMORY = 100 GROSS S.F. / OCCUPANT  
1,484 S.F. INDUSTRIAL AREA = 15 OCCUPANTS

MAINTENANCE/STAGING AREA = 100 GROSS S.F. / OCCUPANT  
6,879 S.F. INDUSTRIAL AREA = 69 OCCUPANTS

TOTAL OF 190 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC. 1015.1)

2 EXITS REQUIRED FOR GREATER THAN 49 OCCUPANTS IN BUSINESS OCCUPANCY, (2 EXITS PROVIDED).

1 EXITS REQUIRED FOR LESS THAN 49 OCCUPANTS IN FACTORY INDUSTRIAL OCCUPANCY, (1 EXIT PROVIDED) AT ARMORY.

2 EXITS REQUIRED FOR GREATER THAN 29 OCCUPANTS IN STORAGE OCCUPANCY, (4 EXITS PROVIDED). AT MAINTENANCE/STAGING AREA.

EXIT ACCESS TRAVEL DISTANCE: (TBL. 1016.1)  
250' SPRINKLED FOR BUSINESS (B) AND STORAGE (S-1).

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL. 503)

B = 23,000 S.F. / 4 STORY ALLOWED: THIS PROJECT 2 STORY - 8,584 S.F. FIRST FLOOR; 6,867 S.F. SECOND FLOOR

S-1 = 17,500 S.F. / 3 STORY ALLOWED: THIS PROJECT 1 STORY - 6,772 S.F.

CONSTRUCTION CLASSIFICATION: (SEC. 602.2)

TYPE II B

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL. 601)

STRUCTURAL FRAME = 0 HRS.

BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.

NON-BEARING WALLS = 0 HRS.

FLOOR CONSTRUCTION = 0 HRS.

ROOF CONSTRUCTION = 0 HRS.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL. 602)

EXTERIOR WALLS WITH 10</=X<30

FIRE SEPARATION DISTANCE = 0 HR. FOR B AND S-1

FIRE ALARM SYSTEM REQUIREMENTS: (SEC. 907)

THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM IN ACCORDANCE WITH SECTION 907.2.2 AND 907. ALTHOUGH NOT REQUIRED A FIRE ALARM & VOICE EVAC. SYSTEM WILL BE PROVIDED THROUGHOUT THE FACILITY IN ACCORDANCE WITH GOVERNMENT / UFC REQUIREMENTS.

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC. 903)

THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN S-1 ACCORDANCE WITH SECTION 903.2.8. ALTHOUGH NOT REQUIRED, A FIRE PROTECTION SYSTEM WILL BE PROVIDED THROUGHOUT THE BUILDING IN ACCORDANCE WITH GOVERNMENT / UFC REQUIREMENTS.

CONSTRUCTION DOCUMENTS: (SEC. 1603)

THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:

BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG. 1609)

IMPORTANCE FACTOR: CATEGORY II BLDG., IE = 1.00, IS = 1.00, IW = 1.00 (TBL. 1604.5)

EXPOSURE B, DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC

SEC1609.4

MINIMUM LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH TBL. 1607.1

GROUND SNOW LOADS = 5 PSF (FIG. 1608.2)

BASED ON THE SURVEY OF THIS PROPERTY BY PITTMAN, GLAZE AND ASSOC.,

INC. REGISTERED LAND SURVEYOR WALTER GLAZE, NO. 6190, DATE 2-10-2008.

# FY2008 MILCON P-210

## N4412

### SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY

#### JOHN C. STENNIS SPACE CENTER MISSISSIPPI

#### FINAL SUBMITTAL

#### SEPTEMBER 4, 2009



**INTERNATIONAL BUILDING CODE 2006 REQUIREMENTS**

BUILDINGS 2442 BOAT STORAGE

OCCUPANCY CLASSIFICATION:  
STORAGE, GROUP S-1 (SEC. 311.2)

OCCUPANT LOAD: (TBL. 1004.1.1)  
WAREHOUSE = 500 GROSS S.F. / OCCUPANT

8,554 S.F. = 17 OCCUPANTS  
TOTAL OF 17 OCCUPANTS

EXIT ACCESS REQUIREMENTS: (SEC. 1015/1016)

2 EXITS REQUIRED FOR GREATER THAN 29 OCCUPANTS IN STORAGE OCCUPANCY, (2 EXITS PROVIDED).

EXIT ACCESS TRAVEL DISTANCE = 250' SPRINKLED FOR STORAGE (S-1).

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL. 503)

S-1 = 17,500 S.F. / 3 STORY ALLOWED: THIS PROJECT 1 STORY - 8,544 S.F.

CONSTRUCTION CLASSIFICATION: (SEC. 602.2)

TYPE II B

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL. 601)

STRUCTURAL FRAME = 0 HRS.

BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.

NON-BEARING WALLS = 0 HRS.

FLOOR CONSTRUCTION = 0 HRS.

ROOF CONSTRUCTION = 0 HRS.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL. 602)

EXTERIOR WALLS WITH 10</=X<30

FIRE SEPARATION DISTANCE = 0 HR. FOR S-1

FIRE ALARM SYSTEM REQUIREMENTS: (SEC. 907)

THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM IN ACCORDANCE WITH SECTION 907. ALTHOUGH NOT REQUIRED A FIRE ALARM AND VOICE EVACUATION WILL BE PROVIDED THROUGHOUT THE FACILITY IN ACCORDANCE WITH GOVERNMENT / UFC REQUIREMENTS.

FIRE PROTECTION SYSTEM REQUIREMENTS: (SEC. 903)

THIS BLDG. DOES NOT REQUIRE A FIRE PROTECTION SYSTEM IN S-1 IN ACCORDANCE WITH SECTION 903.2.8. ALTHOUGH NOT REQUIRED A FIRE PROTECTION SYSTEM WILL BE PROVIDED THROUGHOUT THE BUILDING IN ACCORDANCE WITH GOVERNMENT / UFC REQUIREMENTS.

CONSTRUCTION DOCUMENTS: (SEC. 1603)

THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED BLDG. USING THE FOLLOWING INFORMATION:

BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG. 1609)

IMPORTANCE FACTOR: CATEGORY II BLDG., IE = 1.00, IS = 1.00, IW = 1.00 (TBL. 1604.5)

EXPOSURE B, DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC

SEC1609.4

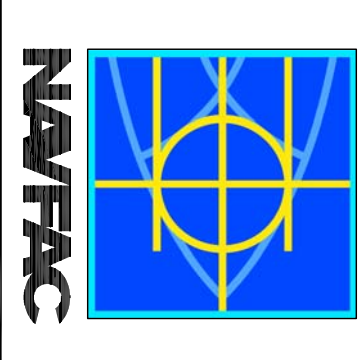
MINIMUM LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH TBL. 1607.1

GROUND SNOW LOADS = 5 PSF (FIG. 1608.2)

BASED ON THE SURVEY OF THIS PROPERTY BY PITTMAN, GLAZE AND ASSOC.,

INC. REGISTERED LAND SURVEYOR WALTER GLAZE, NO. 6190, DATE 2-10-2008.

SY#	DESCRIPTION	DATE	APPR
	REVISED AS PER URS COMMENTS 9 OCTOBER 2009	11-6-09	RW



**DAMMON ENGINEERING, INC.**  
REGISTERED PROFESSIONAL ENGINEER  
CHIEF ENGINEER  
DAMMON OF THE GULF COAST  
SUITE 100, 14705  
SIBBLE LA 70458  
(985) 649-4312  
SEPTEMBER 4, 2009

**EMMET B. DAMMON**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF MISSISSIPPI  
LICENSE NO. 12345  
EXPIRES 12/31/2008

DESIGNED BY: R. WILSON	DRAWN BY: M. WILSON
CHECKED BY: E. WILSON	DATE: 11/6/09
PROJECT: NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST	CLIENT: NAVAL AIR STATION JACKSONVILLE
DEPARTMENT OF THE NAVY	NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST	NAVAL AIR STATION JACKSONVILLE
PROJECT: JOHN C. STENNIS SPACE CENTER	LOCATION: MISSISSIPPI
PROJECT: SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY - PRE-FINAL	
SCALE: AS SHOWN	DATE: 11/6/09
DRAWN NO.: P-210	DATE: 11/6/09
SITING NO.: 510247	DATE: 11/6/09
WORK ORDER NO.: N62467-05-0-0096	DATE: 11/6/09
CONTR. CONTR. NO.: N62467-05-0-0096	DATE: 11/6/09
NAVFAC DRAWING NO.: 15020660	DATE: 11/6/09
SHEET: 3 OF 132	DATE: 11/6/09

IBC REVIEW