

BOAT HOUSE (BLDG. 1)
ONE CERTIFICATIONS
ZONING CERTIFICATION
EROSION AND SEDIMENT REDUCTION/STORMWATER MANAGEMENT

TABLE 1 FLOOD HAZARD INFORMATION & FLOOD LOADS
FLOOD HAZARD AREA
NON HIGH-VELOCITY WAVE ACTION
HIGH-VELOCITY WAVE ACTION

TABLE 2 SOILS & SITE
SOILS INVESTIGATION (If required)
SOILS CLASSIFICATION
MINIMUM DESIGN SOIL BEARING LOAD
COMPACTION
MINIMUM DESIGN SOIL LATERAL LOAD
FOOTINGS
ELEVATIONS

TABLE 3 BASIC BUILDING CODE INFORMATION
CONSTRUCTION CLASSIFICATION
OCCUPANCY CLASSIFICATION
MOST RESTRICTIVE OCCUPANCY CLASSIFICATION
OTHER FIRE PROTECTION SYSTEMS, DEVICES OR FEATURES

TABLE 4 BUILDING AREA
AREA LIMIT BY TABLE 506.2 OF IBC
AREA INCREASES BY SECTION 506.4 OF IBC
AREA AS ALLOWED IN IBC PER STORY
TOTAL ALLOWED AREA OF BUILDING
AREA AS DESIGN PER STORY
TOTAL DESIGNED AREA OF BUILDING

TABLE 5 BUILDING HEIGHT
AS DESIGNED
AS ALLOWED BY IBC

TABLE 6 BUILDING DESIGN OCCUPANT LOAD
STORY/LEVEL
FUNCTION OF SPACE
SUBTOTAL DESIGN OCCUPANT LOAD FOR THIS STORY
TOTAL BUILDING DESIGN OCCUPANT LOAD

FOOTNOTES:
1. Provide the complete name of the Function of Space using the left column of Table 1004.1.2 of the IBC.
2. Design Area per each occupant of this Function on this Story in either Gross (GSF) or Net (NSF) square Footage.

TABLE 7 GENERAL FIRE PROTECTION REQUIREMENTS
SEPARATIONS
SUPPRESSION
ALARM & DETECTION

---DUE TO INADEQUATE FLOW, A 40 HP FIRE PUMP IS REQUIRED TO MEET DEMAND. FIRE PUMP SHALL BE INSTALLED IN CONFORMANCE WITH IFC 913 AND NFPA 20.

TABLE 8 FIRE RESISTANCE RATING OF BUILDING ELEMENTS
BUILDING ELEMENT
RATING AS REQUIRED (in hours)
RATING AS DESIGNED (in hours)
TESTING AGENCY & DESIGN NO. (UL, FM, etc)
DESIGNER'S WALL/PARTITION KEY CODE

TABLE 9 STRUCTURAL DESIGN INFORMATION
RISK CATEGORY
LIVE LOADS
WIND LOADS
SEISMIC LOADS
ARCHITECTURAL-MECHANICAL-ETC. LOADS
SPECIAL LOADS

TABLE 10 PLUMBING INFORMATION
WATER SYSTEM
SANITARY SEWER SYSTEM
MINIMUM PLUMBING FIXTURES REQUIRED PROVIDED
OTHER FIXTURES

TABLE 11 MECHANICAL INFORMATION
AIR COMFORT SYSTEMS
OTHER LOADING FEATURES
MECHANICAL SYSTEMS, SERVICE SYSTEMS & EQUIPMENT
ELECTRICAL SERVICE INFORMATION
EMERGENCY SERVICE INFORMATION
LIGHTNING PROTECTION PROVIDED
COMMUNICATIONS COORDINATED

OVERALL PROJECT DESCRIPTION

THIS PROJECT INCLUDES 3 STRUCTURES AND ASSOCIATED "LAND SIDE" SITE WORK AS FOLLOWS:
0. SITE WORK
1. BOAT HOUSE (BASE BID)
2. STORY STRUCTURE WITH ENTRANCE LOBBY AND BOAT STORAGE ON THE GROUND FLOOR...

BOAT STORAGE OCCUPANCY DESIGNATION: THE AGENCY HAS REQUESTED THAT THE BOAT STORAGE AREA ON THE GROUND FLOOR BE DESIGNATED TO ACCOMMODATE ASSEMBLY TYPE A-2 OCCUPANCY...

CONSTRUCTION TYPE DESIGN: DUE TO ONGOING CONCERNS ABOUT LOCAL WEATHER CONDITIONS, THE AGENCY HAS REQUESTED THAT THE BUILDING DESIGN LIMIT TO THE GREATEST EXTENT POSSIBLE, THE USE OF WOOD...

2. PAVILION (BID ALT. NO. 2)
SMALL ONE STORY STRUCTURE WITH RESTROOMS FOR DOCK USERS AND DOCK MANAGER'S OFFICE WITH RENTAL COUNTER...

3. DOCK HOUSE (BID ALT. NO. 3)
SMALL ONE STORY STRUCTURE WITH RESTROOMS FOR DOCK USERS AND DOCK MANAGER'S OFFICE WITH RENTAL COUNTER...

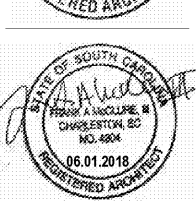
DESIGN CODES & STANDARDS

- INTERNATIONAL BUILDING CODE, 2015 EDITION
INTERNATIONAL FIRE CODE, 2015 EDITION
INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION
INTERNATIONAL FUEL GAS CODE, 2015 EDITION

MISC. CODE REQUIREMENTS

- 1. MINIMUM INTERIOR REQUIREMENT (PER IBC CHAPTER 8 / TABLE 803.9)
EXIT ENCLOSURES & EXIT PASSAGEWAYS
CORRIDORS, ROOMS & ENCLOSED SPACES
SECTION 803
ENERGY CONSERVATION
PROTECTION OF OPENINGS (PER IBC SECTION 1609.1.2)

GENERAL CODE INFORMATION AND BOAT HOUSE CODE TABLES
0.G002
COAST PROJECT NO: 1722.00



BOATING CENTER REDEVELOPMENT - SWAIN BOATING CENTER
CITADEL 11 HAMMOND AVENUE CHARLESTON, SC
THE MILITARY COLLEGE OF SOUTH CAROLINA

Revisions table with columns for Rev. No. and Rev. Date.

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CHECKED BY: FAM
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GENERAL CODE INFORMATION AND BOAT HOUSE CODE TABLES
0.G002

Order Plans @