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DOCK HOUSE (BLDG. 3)

USE CERTIFICATIONS

ZONING CERTIFICATION: I hereby certify that, to the best of my knowledge, these plans comply with applicable zoning ordinances, and that plans have been submitted to appropriate authority for their review and/or approval.

EROSION AND SEDIMENT REDUCTION/STORMWATER MANAGEMENT: Designer's Certification: I hereby certify that the measures in this plan are designed to control erosion, retain sediment on the site, and manage stormwater in a manner that neither any on-site nor off-site damage or problem is caused or increased...

TABLE 1 FLOOD HAZARD INFORMATION & FLOOD LOADS

Table with 2 columns: Flood Hazard Area, Flood Map Information (Flood Zone AE-14, Community Number 455412, Panel Number 45019C05121, etc.)

NON HIGH VELOCITY WAVE ACTION: Elevation of Lowest Proposed Floor 9.0 MSL. Meet ASCE 24 Section 2.6.2.1/2.6.2.2 per ASCE 24.

TABLE 2 SOILS & SITE

Table with 2 columns: Soils Investigation (if required) Yes, Soils Classification (Site Class E, Classes Soil of Materials DCS System, etc.), Minimum Design Soil Bearing Load.

Table with 2 columns: Minimum Design Soil Lateral Load, Footings (Unfinished footings, Compact and Fill Material), Elevations (Elevation of Water Table APPROX. 2.0 MSL, etc.).

TABLE 3 BASIC BUILDING CODE INFORMATION

Table with 2 columns: Construction Classification (Type VB), Occupancy Classification (B), Most Restrictive Occupancy Classification (B), etc.

OTHER FIRE PROTECTION SYSTEMS, DEVICES or FEATURES

If the building has any special or notable fire protection or safety feature or hazard the designers should list the name, describe the performance characteristics and refer to locations in construction documents...

TABLE 4 BUILDING AREA

Table with 2 columns: Area Limit by Table 506.2 of IBC (9,000 SF), Area Increases by Section 506.2.1 of IBC (750 SF), etc.

TABLE 5 BUILDING HEIGHT

Table with 4 columns: AS DESIGNED, AS ALLOWED BY IBC, In Feet, In Stories. Values: 16'-10", N/A, 40', 2.

TABLE 6 BUILDING DESIGN OCCUPANT LOAD

Table with 5 columns: STORY/LEVEL, FUNCTION OF SPACE, FLOOR AREA, MAX AREA ALLOWED PER OCCUPANT, OCCUPANTS ON FLOOR FOR THIS FUNCTION, DESIGN OCCUPANT LOAD.

FOOTNOTES: 1. Provide the complete name of the Function of Space using the left column of Table 1094.1.2 of the IBC. 2. Design Area per each occupant of this function on this story in either Gross (GSF) or Net (NSF) Space Footage.

TABLE 7 GENERAL FIRE PROTECTION REQUIREMENTS

Table with 4 columns: SEPARATIONS (Fireblocking Required, Dead-end Corridor, etc.), SUPPRESSION (Standpipes Required, Sprinklers Required, etc.), ALARM & DETECTION (Fire Alarm System Required, etc.).

TABLE 8 FIRE RESISTANCE RATING OF BUILDING ELEMENTS

Table with 5 columns: BUILDING ELEMENT, RATING AS REQUIRED (in hours), RATING AS DESIGNED (in hours), TESTING AGENCY & DESIGN NO., DESIGNERS WALL/PARTITION KEY CODE.

TABLE 9 STRUCTURAL DESIGN INFORMATION

RISK CATEGORY: II IBC Table 1604.3. LIVE LOADS: Floor Live Load(s) - List the Fa for each occupancy use. Occupancy/Use: OFFICES Fa = 50 PSF.

WIND LOADS: Analysis Procedure: DIRECTIONAL ASCE 7 or IBC 1605. Ultimate Design Wind Speed: Vu = 146 MPH. Exposure Category: D IBC 1609.4.3.

SEISMIC LOADS: Seismic Importance Factor: I = 1.0 ASCE 7 Table 1.5-2. Site Class: E IBC 1613.3.2. Mapped Spectral Response Accelerations: Sa = 1.165, S1 = 0.371.

TABLE 10 PLUMBING INFORMATION

Table with 2 columns: WATER SYSTEM (Service Line Size, Peak Flow, Total Demand), SANITARY SEWER SYSTEM (Loadings, Service Line Size, Slope).

MINIMUM PLUMBING FIXTURES REQUIRED PROVIDED

Table with 4 columns: OCCUPANCY (BUSINESS, ASSEMBLY), Male/Female REQUIRED, Male/Female PROVIDED. Includes water closets, lavatories, drinking fountains, etc.

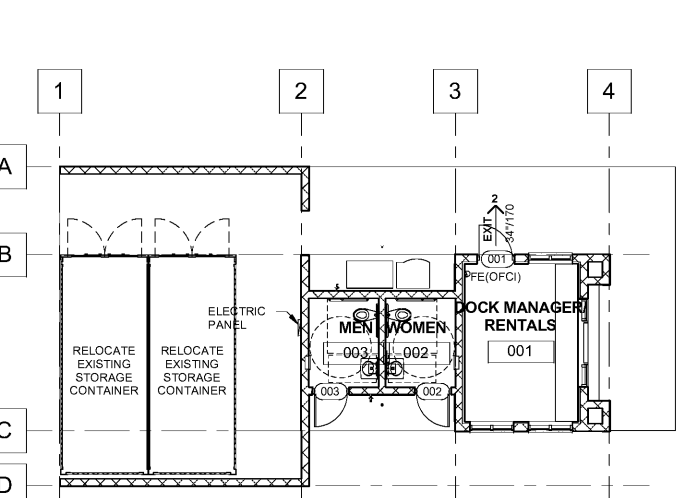
TABLE 11 MECHANICAL INFORMATION

Table with 2 columns: AIR COMFORT SYSTEMS (Overall Thermal Transfer Value, Building Cooling Load, etc.), OTHER LOADING FEATURES (Class, Insulation Value, etc.).

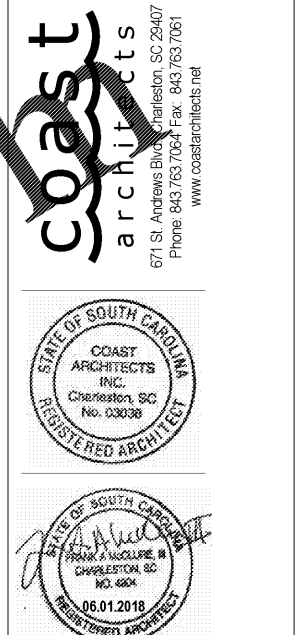
TABLE 12 ELECTRICAL INFORMATION

Table with 2 columns: SERVICE TRANSFORMER (By Utility Company, By Agency), ELECTRICAL SERVICE INFORMATION (Service Voltage/Phase, Service Entrance Conductors Size, etc.), EMERGENCY SERVICE INFORMATION.

NOTES: SEE LIFE SAFETY LEGEND ON SHEET 0.G003.



PLAN NORTH. DOCK HOUSE LIFE SAFETY PLAN. SCALE: 1/8" = 1'-0". A8 0.G005.



BOATING CENTER REDEVELOPMENT - SWAIN BOATING CENTER H09-9617-PG-C. CITADEL 11 HAMMOND AVENUE CHARLESTON, SC.

Revisions table, DRAWN BY: FAM, CHECKED BY: FAM, DATE: 06.01.2018, COAST PROJECT NO: 1722.00, DOCK HOUSE CODE TABLES AND LIFE SAFETY PLAN 0.G005.