



CITY OF FORT PIERCE

PLANNING DEPARTMENT

REBECCA GROHALL, AICP, PLANNING DIRECTOR AND FPRA DIRECTOR
 COMPREHENSIVE PLANNING ◊ DEVELOPMENT REVIEW
 HISTORIC PRESERVATION ◊ URBAN DESIGN ◊ ZONING

CERTIFICATE OF APPROPRIATENESS TO ALTER A DESIGNATED HISTORIC SITE

COA#16-32 HISTORIC PRESERVATION BOARD APPROVAL ADMINISTRATIVE APPROVAL

Site address 434 N 7th Street

Contributing Non-Contributing Individually Designated

SITE ALTERATIONS:

Request	Conditions	Applicable Standards
Install black canvas awning over front door. Please see attached drawings.	The vertical clearance from the public right-of-way to the lowest part of the awning shall be not less than 7 feet.	Secretary of the Interior's Standards for Rehabilitation of Historic Properties, Standard 9.

APPROVED:

Board Approval

Administrative Approval

 Paul Samson, Chair Date
 Historic Preservation Board

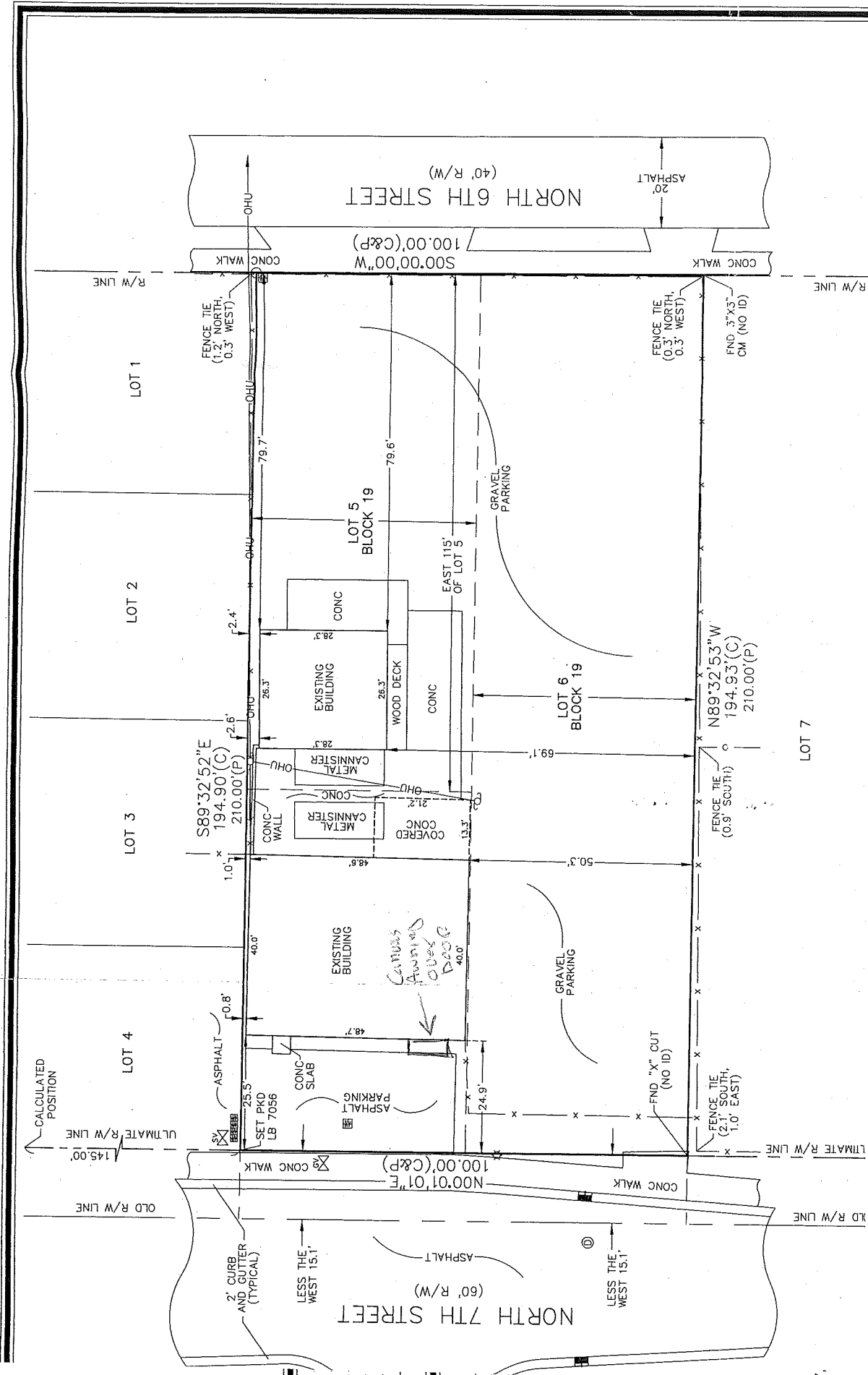

 _____ 6/09/16
 Maria Lewicka, AICP Date
 Historic Preservation Planner

This alteration meets the Secretary of the Interior's Standards for the Treatment of Historic Properties and the City of Fort Pierce Code of Ordinances.

Should you have any further questions or concerns, contact Maria Lewicka, Historic Preservation Planner, at (772) 467-3738 or via e-mail at mlewicka@city-ftpierce.com.

Thank you for your efforts to preserve and redevelop historic Fort Pierce through your participation in the Certificate of Appropriateness Application process. Staff looks forward to working with you in the future to preserve and rehabilitate our historic neighborhoods and structures.

Provided to:	Name/Address	Via
Owner/Applicant	Fire Equipment Service 434 N 7 th Street Fort Pierce, FL 34950	E-Mail
Representative	Clayton Travers/C & C Canvas 3181 SE Slater St Stuart, FL 34997	E-Mail Travers@gate.net
Other	Marc Meyers, CFP Building Official	E-Mail
	Kim West, CFP Building Department	E-Mail
	Susan Keller, CFP Building Department	E-Mail





WIND SPEED AND EXPOSURE HAVE BEEN DETERMINED USING THE ADVANCED TECHNOLOGY COUNCIL'S WEBSITE AND GOOGLE EARTH.

CONTRACTOR: C + C Canvas and Awning
DESIGN CRITERIA:
 Applicable Codes, Regulations, and Standards
 1. The 5th Edition Florida Building Code, specifically Chapter 16 Structural Design, Chapter 20 Aluminum, and Chapter 23 Wood.
 2. ASCE 7-10.

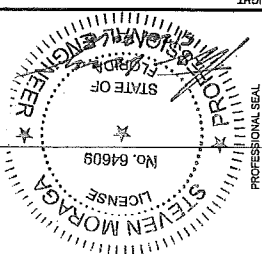
Wind Loads
 1. Building Occupancy Category, Paragraph 1604.5 and Table 1604.5: Risk Category II
 2. Basic Wind Speed, Per section 3105.4.2.1, Wind Design Loads for Fabric Covered Structure with Quick Removal or Break Away Fabric Wind Speed: $V_{wb} = 105$ MPH, $V_{wb} = 82$ MPH
 3. Exposure Category, Paragraph 1609.4.3: B

Scope of Work:
 1. Canvas Awning with Aluminum Frame

Foundation Design:
 New 16" x 16" x 24" Deep Isolated Footing Poured with 2000 PSI Concrete

Specifications:
 The following specifications are applicable to this project.

- All work shall be in accordance with the 5th Edition (2014) Florida Building Code, and any other applicable local codes and regulations.
- Awning and / or canopies shall be designed to requirements of Chapter 31, Special Construction, Section 3105.1, Awnings and Canopies, of the Florida Building Code, Building Code, 5th Edition (2014).
- All fabric shall comply with the Fire Propagation Performance criteria of NFPA 701 or have a flame spread index not greater than 25 when tested according with ASTM E 84 or UL723.
- Fabric attachment to the frame shall be made in a readily removable or break away fashion.
- Awnings and Canopies shall be designed such that their fabric coverings shall be readily removable during periods of high wind velocity. A legible and readily visible decal shall be installed on the Awning or Canopy instructing the owner or tenant to remove the fabric covering film such periods as are designated by the U.S. weather as being a hurricane warning or alert.
- All frame members shall be connected with 1/4" fillet weld around all intersecting edges. All welds shall use Gas Metal Arc Welding process that conform to the following specifications:
 - Aggressive - Lane #2, 1/8" - ASTM C 33
 - Air entraining #4, 1/8" - ASTM C 250
 - Water reducing agent - ASTM C 494
 - Clean Potable water
 - Other admixtures not permitted
 - Metals accessories shall conform to:
 - Reinforcing Bars - ASTM A615, grade 60
 - Welded wire fabric - ASTM A185
 - Other accessories shall not be less than 3" or more than 5". Water and other accessories shall be installed in accordance with the manufacturer's instructions and shall be installed in accordance with the manufacturer's instructions.
- Mechanical Fasteners are required to be corrosion resistant, minimums are grade 2 or better zinc plated to ASTM B633, or coated stainless steel series "300" or uncoated stainless steel series "400".
- Where concrete specifications are required, whether in the screen enclosure scope or not, by one or more regulatory agency, the following specifications are applicable:
 - Concrete shall conform to ASTM C94 for the following components:
 - Type 1 - 1" - 3/4" max. - ASTM C 33
 - Aggregate - Lane #2, 3/4" max. - ASTM C 33
 - Air entraining #4, 1/8" - ASTM C 250
 - Water reducing agent - ASTM C 494
 - Clean Potable water
 - Other admixtures not permitted
 - Metals accessories shall conform to:
 - Reinforcing Bars - ASTM A615, grade 60
 - Welded wire fabric - ASTM A185
 - Other accessories shall not be less than 3" or more than 5". Water and other accessories shall be installed in accordance with the manufacturer's instructions and shall be installed in accordance with the manufacturer's instructions.
 - Prepare and place concrete per American Concrete Institute Manual of Standard Practice, Parts 1, 2, and 3 including but weather recommendations.
 - Moist cure or polyethylene curing permitted.
 - Prior to placing concrete, treat the entire substructure area for termites in compliance with the FBC.
 - Concrete shall be placed over a polyethylene vapor barrier.
 - All aluminum components embedded within concrete shall be coated with a bituminous paint or epoxy.
- All flashing and weather proofing shall be provided by the contractor.
- Use of these plans acknowledges and accepts a limit of liability not to exceed design and engineering fee.

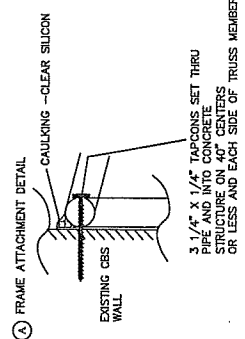
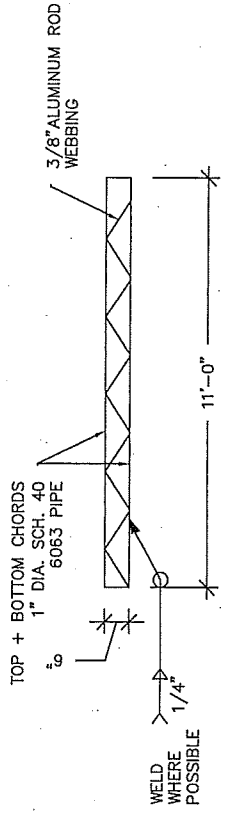
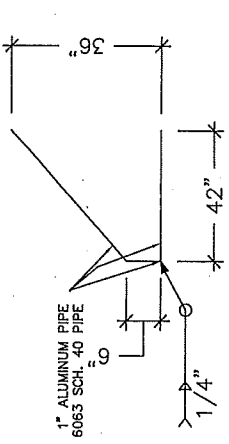
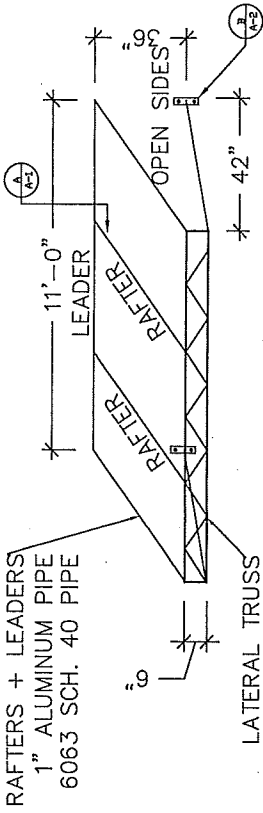


PROFESSIONAL ENGINEER
 STEVEN MORAGA, P.E.
 FLORIDA LICENSE: 64609

SUNCOAST ALUMINUM
 ENGINEERING, LLC
 1869 S 87th STREET NORTH SUITE 101
 CLEARWATER, FL 33769
 TEL: (727) 552-9008
 FAX: (727) 552-9008
 FLORIDA LICENSE: CA #28841

PROJECT ADDRESS:
 FIRE EQUIPMENT
 434 7TH ST
 FORT PIERCE
 FL 34950

DRAWN BY
 SM
 DATE DRAWN
 05/20/16
 REVISION
 SHEET NO.
A-1



3 1/4" x 1/4" TAPCONS SET THRU PIPE AND INTO CONCRETE STRUCTURE ON 4" CENTERS OR LESS AND EACH SIDE OF TRUSS MEMBERS