



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Consent

F.12.

11/12/2019

Subject:

Board approval of a Fire Rescue Capital Improvement Project (CIP) to support critical unbudgeted safety/structural repairs for Fire Station 63 (located at 2602 N Highway A1A, Indialantic).

Fiscal Impact:

Funding was identified in the FY19 for \$144,000; this amount was based on initial engineering estimates received by BCFR in Feb '19 to simply replace exterior damage. As we moved to execute the project, subsequent contractor estimates increased the cost of the repairs to \$391,000 due to discovery of a more comprehensive internal structural damage. The new estimate was received in August 2019. As such, the project is now considered an unbudgeted Capital Improvement Project (CIP).

Dept/Office:

Fire Rescue Department

Requested Action:

Board approval for unbudgeted CIP to fund critical safety/structural repairs to Station 63 under the current Facilities Cost Allocation Worksheet. Approval is also requested to authorize the County Manager or his designee to make necessary budgetary change requests or other administrative actions necessary to fund the cost of the fire station repairs and execute any required work.

Summary Explanation and Background:

Fire Station 63 located at 2602 N. Highway A1A in Indialantic was built in 1984. This facilities' direct beach front location and exposure to salt air makes it susceptible to significant corrosion issues. The scope of the repair project will eliminate the exposed deteriorated metal components on the exterior mansard of the building (see attached photos). A portion of the mansard above the front entryway has collapsed preventing the use of the front entrance. The steel structural members are not repairable and present a safety concern for the employees and visitors (see attached Station 63 Engineers Report).

This project was estimated at \$144,000 by an engineering firm (see attached Cost Analysis Worksheet #1). An updated and comprehensive repair estimate of \$391,000 was not received until after the FY20 budget planning cycle was completed (see attached Cost Analysis Worksheet #2). The original cost estimates allowed for the project to be completed under operating Repair and Maintenance (R&M). New cost estimates now require the project to be characterized as a Capital Improvement Project (CIP). The replacement cost for this facility is estimated at \$2.5M; the remediation project represents 15% of the cost to replace the existing fire

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station with a new building.

Funding for the unbudgeted mansard repair (\$247,000) is available as the current revenue projections for the FY20 budget have increased. Fire Rescue anticipates starting the remediation project upon Board approval.

Clerk to the Board Instructions:



Tammy Rowe, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Tammy.Rowe@brevardclerk.us

November 13, 2019

MEMORANDUM

TO: Chief Mark Schollmeyer, Fire Rescue Director Attn: Pamela Barrett

RE: Item F.12., Approval of Fire Rescue Capital Improvement Project (CIP) to Support Critical Unbudgeted Safety/Structural Repairs for Fire State 63, Located at 2602 North Highway A1A, Indialantic

The Board of County Commissioners, in regular session on November 12, 2019, approved unbudgeted CIP to fund critical safety/structural repairs to Station 63, under the current Facilities Cost Allocation Worksheet; and authorized the County Manager, or his designee, to make necessary budgetary change requests or other administrative actions necessary to fund the cost of the Fire Station repairs, and execute for any required work.

Your continued cooperation is greatly appreciated.

Sincerely yours,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe

Tammy Rowe, Deputy Clerk

/ds

cc: County Manager
Budget
Finance

Deborah Thomas

From: Barrett, Pamela A <Pamela.Barrett@brevardfl.gov>
Sent: Friday, November 8, 2019 4:39 PM
To: Deborah Thomas
Subject: Re: ITEM F12

Follow Up Flag: Follow up
Flag Status: Flagged

Debra I just checked with chief Gold and there is nothing for the chairman to sign. All of our attachments to that agenda item or just back up information for the agenda report - thanks for checking though for me sweetie have a great weekend - go ahead and take Monday off you do such good work!!!

xoxo
Pam

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From: Barrett, Pamela A <Pamela.Barrett@brevardfl.gov>
Sent: Friday, November 8, 2019 4:28:35 PM
To: Deborah Thomas <deborah.thomas@brevardclerk.us>
Subject: Re: ITEM F12

Debra I don't think the chairman needs to sign anything we're just asking to move CIP money or re-allocate CIP money I don't think there's anything for the chairman to sign the attachments for the agenda item we're just estimates.

I don't remember the exact wording on the agenda item but if you read it I think it's just asking for the boards approval for the CIP money to make those repairs to Station 63.

Sorry I don't have the agenda item in front of me.

Pam

[Get Outlook for iOS](#)

From: Deborah Thomas <deborah.thomas@brevardclerk.us>
Sent: Friday, November 8, 2019 4:25:05 PM
To: Barrett, Pamela A <Pamela.Barrett@brevardfl.gov>
Subject: ITEM F12

You are correct

It is item F12

I am going to pull the 2 pages I believe need signatures

So sorry to bother you while you are off

Have a good weekend.

BREVARD COUNTY FIRE STATION 63
STRUCTURAL PROPERTY CONDITION ASSESSMENT

FINAL REPORT

DECEMBER 13, 2018

**PREPARED BY:
STEWART SCOTT, EI
COLIN G. DOYLE, PE**



TLC PROJECT NO: 518221

TLC ENGINEERING FOR ARCHITECTURE

**874 Dixon Blvd
Cocoa, Florida 32922
(321) 636-0274
COA #15**

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APPENDIX B – BUILDING KEY PLAN & STRUCTURAL SKETCHES

Executive Summary

TLC Engineering for Architecture, Inc. (TLC) has performed a visual assessment of Brevard County Fire Station No. 63 on November 27, 2018. The Brevard County Facilities Department has requested this assessment due to reports of corrosion of structural steel and damage to aluminum soffit panels. The existing building is a single story structure consisting of metal deck spanning between light-gage steel roof purlins supported on steel girders and 8" load-bearing masonry walls. Construction documents were not available for the existing building. The original building was constructed in 1984 and was re-roofed with a membrane roof system in 2007.

Structural framing observed on the interior of the fire station garage was determined to be in good condition. Surface rust was observed on the existing light-gage roof purlins and structural steel beams and columns. The level of surface rust observed does not pose an immediate risk to the structure; however, it is recommended that existing structural steel framing within the garage should be cleaned of all surface rust and coated with a rust-inhibiting primer with a minimum MPI rating of 79 or better to protect and extend the life of the structure.

Exterior structural steel and light-gage framing supporting the exterior aluminum soffit and entry feature was observed to have experienced significant corrosion and section loss. Sections of soffit panels had been removed prior TLC's site visit after they had become partially or completely detached from the soffit framing. Existing corroded and deteriorated soffit framing should be removed and replaced with new galvanized steel framing to protect and extend the life of the structure. Replacement of and repairs to existing corroded soffit and entry feature framing should be designed to resist all applicable loads as determined in accordance with the requirements of the 2017 Florida Building Code, 6th Edition by a professional engineer registered in the State of Florida.

Survey Overview

The purpose of this survey is to visually assess the condition of the existing Brevard County Fire Station No. 63 garage roof and exterior soffit structures due to observed damaged and corrosion reported to the Brevard County Facilities Department. Stewart Scott, EI of TLC visited the site on November 27, 2018 to observe and document the existing building conditions. Site observations were limited to those structural systems that could be visually inspected and accessed from ground level without the removal of finishes, destructive testing, or excavations. Architectural, mechanical, electrical, plumbing, fire protection, civil, and other site related systems or features were not part of this investigation.

Facility Overview

Brevard County Fire Station No. 63 is located at 2602 North A1A in Indialantic, FL. Existing building drawings are not available for the existing building.

Based on TLC's field observations, the existing building structure is a single story masonry building with a low slope gabled roof. The roof structure consists of a pre-engineered metal roof deck assembly supported on light-gage metal purlins spanning between 8" fluted exterior load-bearing masonry walls and a steel girder centered in the garage. A continuous concrete tie beam runs along the top of the load-bearing masonry walls. The steel girder is supported on masonry columns built integrally with the exterior load-bearing masonry wall and an interior steel pipe column. The steel pipe column is encased in concrete to an elevation of $\pm 3'-6"$ above finish floor. The building has a roof overhang and soffit that is continuous around the building. The width of the overhang and soffit vary around the perimeter of the building. The soffit is supported by light-gage steel framing spanning between the exterior load-bearing masonry walls and structural steel framing. Typical schematic sections of the soffit framing are provided in Appendix B for reference.

Field Observations

Stewart Scott, EI with TLC conducted a site visit on the morning of November 27, 2018 to visually observe the current condition of the garage roof and exterior soffit structure at Brevard County Fire Station No. 63. The limitations to the visual inspection of the existing structural system are as defined in the Summary Overview and Qualifications sections of this report. The following observations were noted during the site visit:

GARAGE ROOF STRUCTURE

The structural framing within the garage was observed to be in good condition. Presence of insulation attached to the underside of the roof panels prevented observation of the roof panels throughout most of the garage. However, in select locations where insulation was not present, or had been partially removed, the underside of the roof panels were observed to be in good condition and free of corrosion (refer to Photos S3 and S4). The condition of fasteners between the roof panels and light-gage roof purlins could not be observed.

Light-gage roof purlins and structural steel columns and girders were observed to be painted, un-galvanized steel. The proximity of the fire station to the ocean and normal operations of the fire station that result in the large overhead doors remaining open for extended periods of time expose the structural steel to the corrosive ocean air. Evidence of surface rust and deterioration of the original steel primer was observed on the roof purlins, structural steel girder, and structural steel column (refer to Photos S3 through S7). There was no evidence of significant section loss to the structural members associated with the level of corrosion observed within the garage.

Connections between structural steel girders and steel columns, steel girders and masonry columns, roof purlins and girders, and roof purlins to concrete tie beams could not be observed.

SOFFIT/ENTRY FEATURE STRUCTURE

At the time of TLC's site visit, sections of aluminum soffit panels had been removed to facilitate visual inspection of the soffit framing. Panels on the underside of the building entry feature had fallen and been removed prior to TLC's site visit.

Severe corrosion and section loss was observed on the light-gage steel framing and connections between light-gage framing and the masonry walls supporting the soffit around the perimeter of the building (refer to Photos S8 through S12). The level of corrosion observed on the East side of the building was more significant than on the West, South, or North elevations. Fasteners attaching the soffit panels to the light gage metal framing were observed to be corroded, and were no longer supporting the soffit panels in some locations.

Structural steel truss framing supporting the soffit framing, and the light-gage framing supporting the roof overhang, were observed to have surface corrosion and flaking of paint similar to those conditions observed in the garage area (refer to Photo S9). Connections of the structural steel trusses and light-gage framing were not accessible at the time of the site visit.

Along the building's East façade, wood framing and furring strips had been intermixed with light-gage steel framing to support the soffit panels (refer to Photos S11 and S12). The wood framing and furring exhibited evidence of water damage. Fasteners used to attach the wood framing and furring strips to the light-gage and structural steel framing were significantly corroded.

Recommendations

The following recommendations for repair, remediation, and/or additional field investigation are based on the observations made during our site visit:

GARAGE ROOF STRUCTURE

The level of surface rust observed does not pose an immediate risk to the structure. TLC recommends that steel girders, columns, and light-gage roof purlins be cleaned of all surface rust and flaking primer and coated with a lead and chromate-free, nonasphaltic, rust-inhibiting primer with a minimum MPI rating of 79 such as Rust-Oleum 7400 System High Solids, Quick Dry Low VOC primer, Benjamin Moore Super Spec HP Alkyd Metal Primer, or equal. The primer color should match the existing, or be coordinated with the owner. Existing steel surfaces should be cleaned and prepared in accordance with the SPPC requirements noted in the manufacturers written instructions of the specific rust-inhibiting primer being used prior to being painted.

SOFFIT/ENTRY FEATURE STRUCTURE

Significant corrosion and section loss was observed on the light-gage framing and connectors supporting the soffit and entry feature. Corroded light-gage framing, along with all wood framing and furring, should be removed and replaced. The soffit and entry feature should be reframed with minimum G90 galvanized light-gage metal framing and be designed in accordance with the requirements of the 2017 Florida Building Code, 6th Edition by a professional engineer registered in the State of Florida. All fasteners, connectors, hardware, and accessories shall be hot-dip galvanized, and material separation should be provided between dissimilar materials to reduce the risk of electrolysis. Loose and damaged soffit panels, wood framing and furring strips, and light-gage framing should be removed to reduce the risk of them falling on the public.

Additional field investigation is required to observe the condition of structural steel connections to the masonry building walls and concrete tie beams. These connections were not accessible at the time of TLC's site visit.

Structural steel trusses and steel framing supporting the light-gage and wood soffit and entry feature framing, as well as the light-gage steel framing supporting the overhang roof panels should be cleaned of all surface rust and flaking primer and coated with a lead and chromate-free, nonasphaltic, rust-inhibiting primer with a minimum MPI rating of 79 such as Rust-Oleum 7400 System High Solids, Quick Dry Low VOC primer, Benjamin Moore Super Spec HP Alkyd Metal Primer, or equal. The primer color should match the existing, or be coordinated with the owner. Existing steel surfaces should be cleaned and prepared in accordance with the SPPC requirements noted in the manufacturers written instructions of the specific rust-inhibiting primer being used prior to being painted.

Qualifications

TLC Engineering for Architecture, Inc. prepared the report for the exclusive use of Brevard County Facilities for the evaluation of the noted structural elements as identified herein. The observations described in this report are valid on the dates of the investigation and were made under the conditions noted in the report. TLC Engineering for Architecture, Inc. does not intend for any other individual or party to rely upon the report without our expressed written consent. If another individual or party utilizes references or relies on the report, TLC Engineering for Architecture, Inc. shall not be held liable for any damages, losses, or expenses that may occur as a result of its unsanctioned use.

This report is limited to the specific visual observations and studies we performed as part of our scope of services. Evaluation did not include removal of surface materials, furnishings or equipment, undertake any excavations, or perform any destructive or invasive testing other than as noted in this report. Accordingly, we cannot comment on the condition of systems and components that we could not visually observe, or did not investigate. In addition, we are not responsible for conditions that were not within the scope of our

services at the time of investigation. We did not assess the overall stability of the facility, perform any engineering analysis other than noted herein as part of this evaluation, nor did we conduct a comprehensive code review.

Sincerely,

TLC Engineering for Architecture


Stewart Scott, EI
Structural Engineer I


Colin G. Doyle, PE (FL# 77861)
Associate / Structural Project Engineer



Email: colin.doyle@tlc-eng.com
This item has been electronically signed and sealed by Colin G. Doyle, Professional Engineer, State of Florida, License No. 77861, using a digital signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.
2018.12.13 09:25:23-05'00'

Appendix A

Site Photos



Photo S1 – West Building Elevation



Photo S2 – North Building Elevation

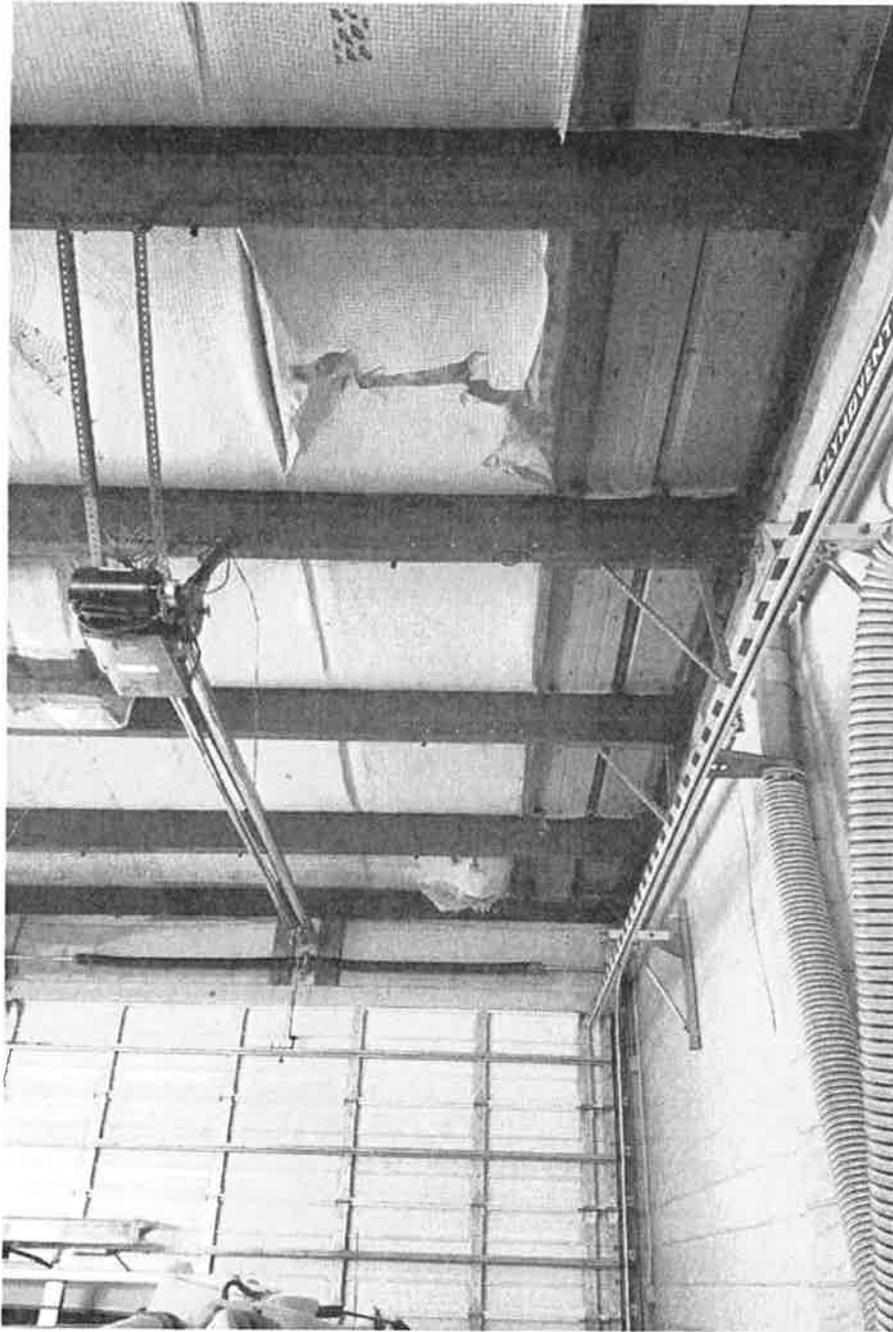


Photo S3 – Garage Roof Framing

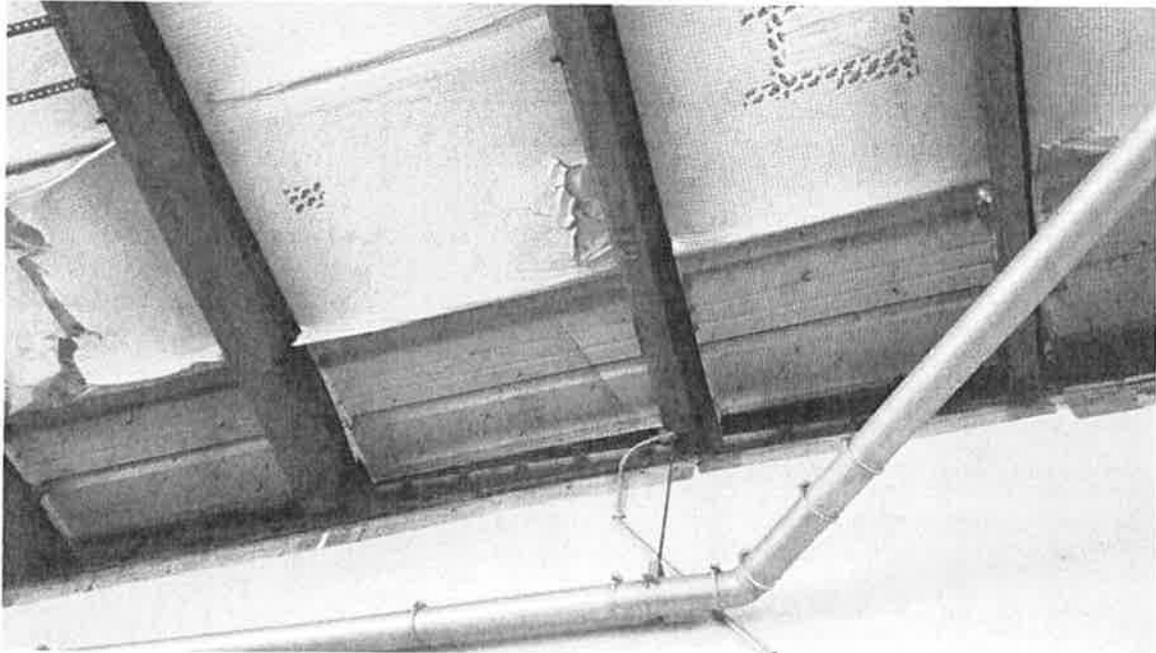


Photo S4 – Garage Roof Framing

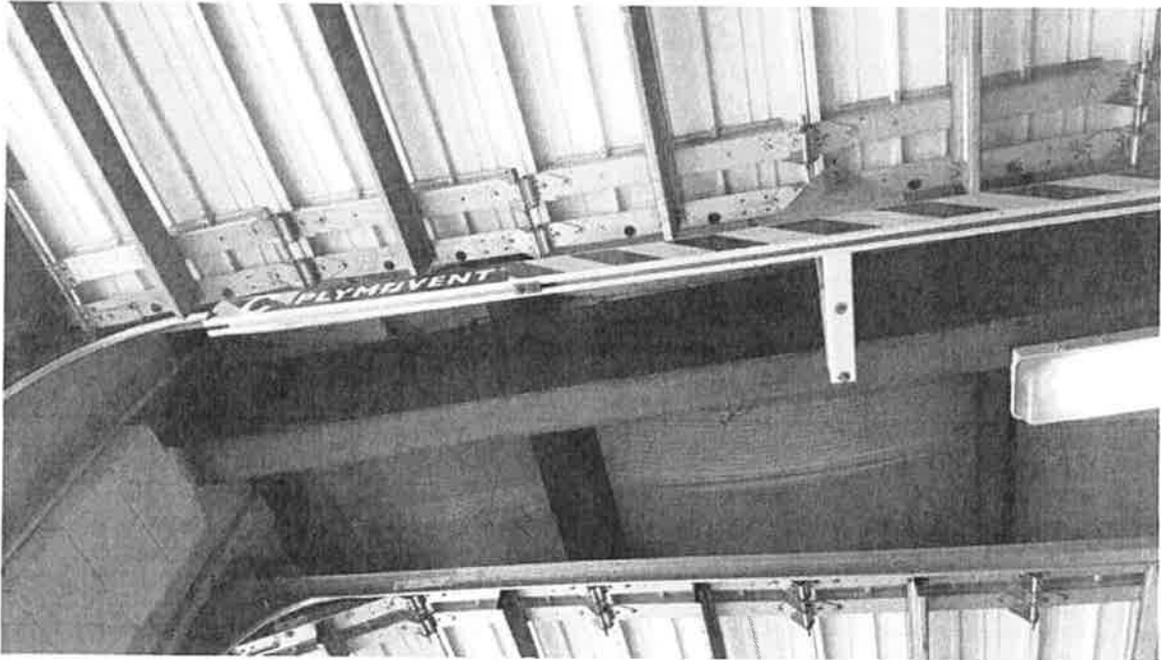


Photo S5 – Garage Roof Framing

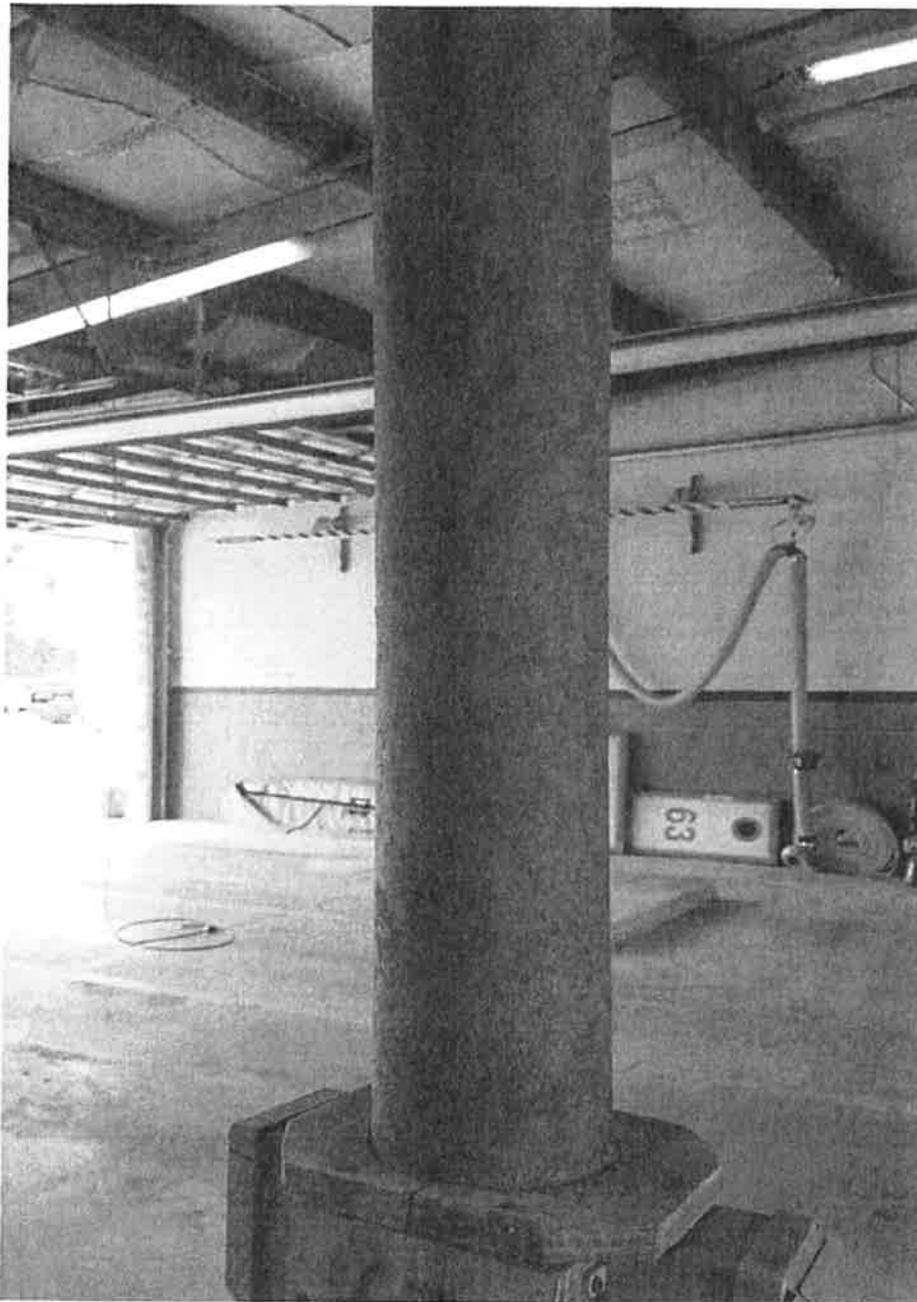


Photo S6 – Interior Steel Column

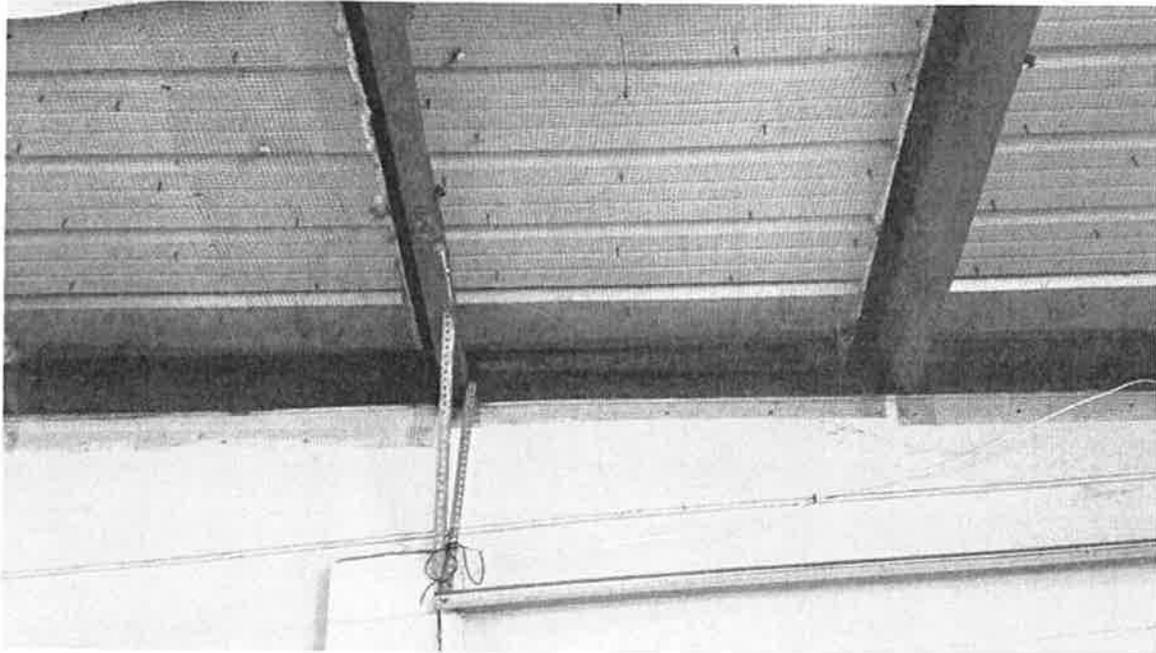


Photo S7 -- Garage Roof Framing

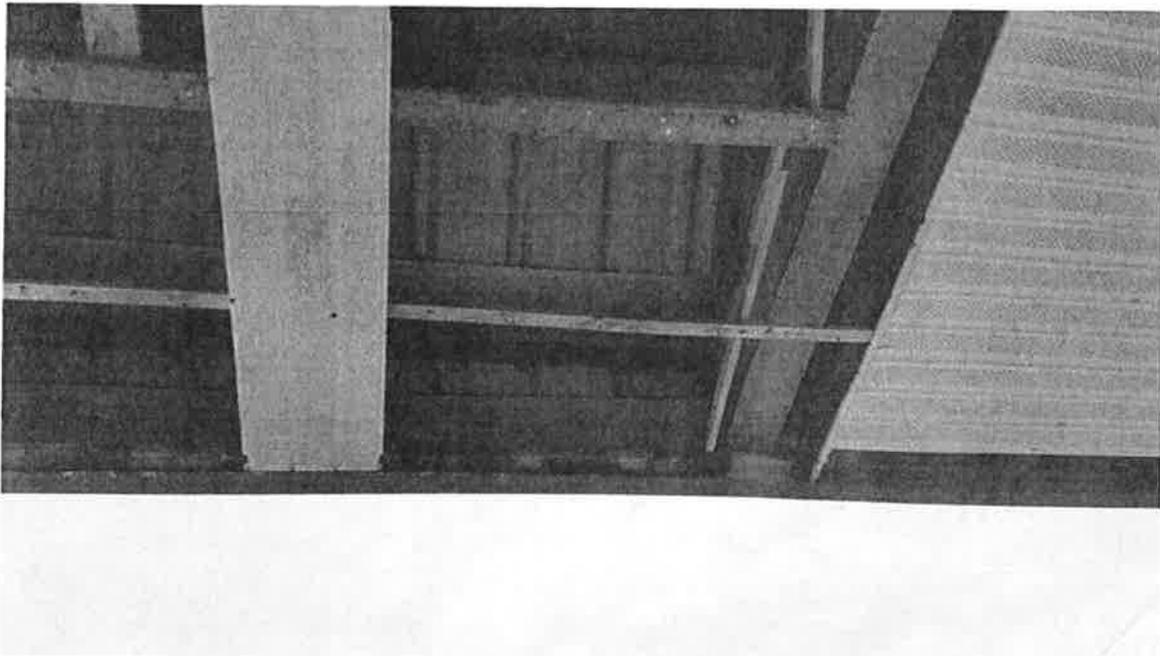


Photo S8 -- Soffit Framing



Photo S9 – Entry Feature Framing



Photo S10 – Entry Feature Framing

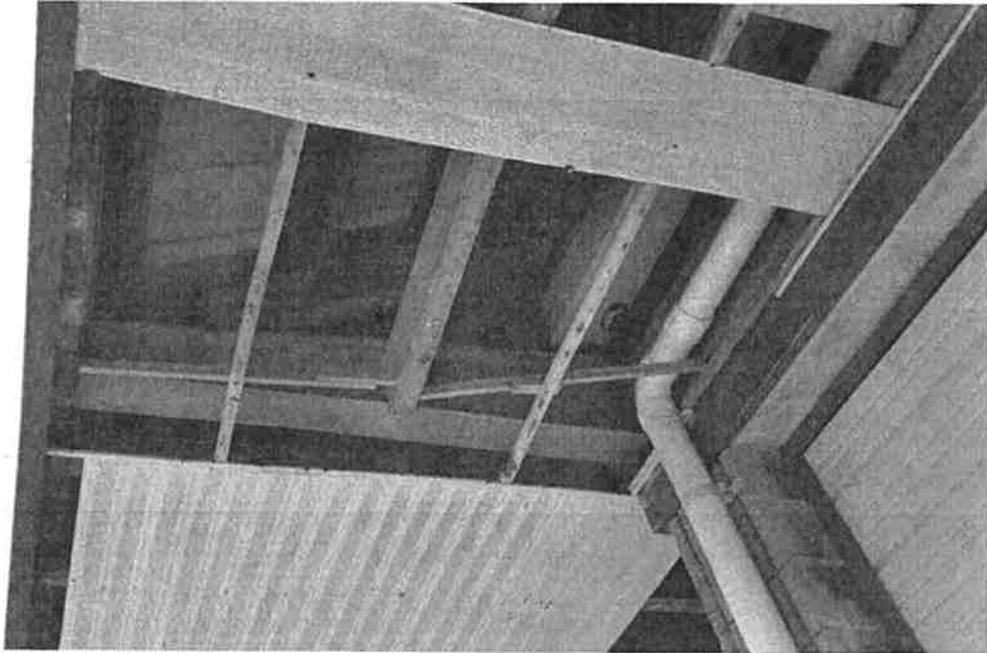


Photo S11 – Soffit Framing

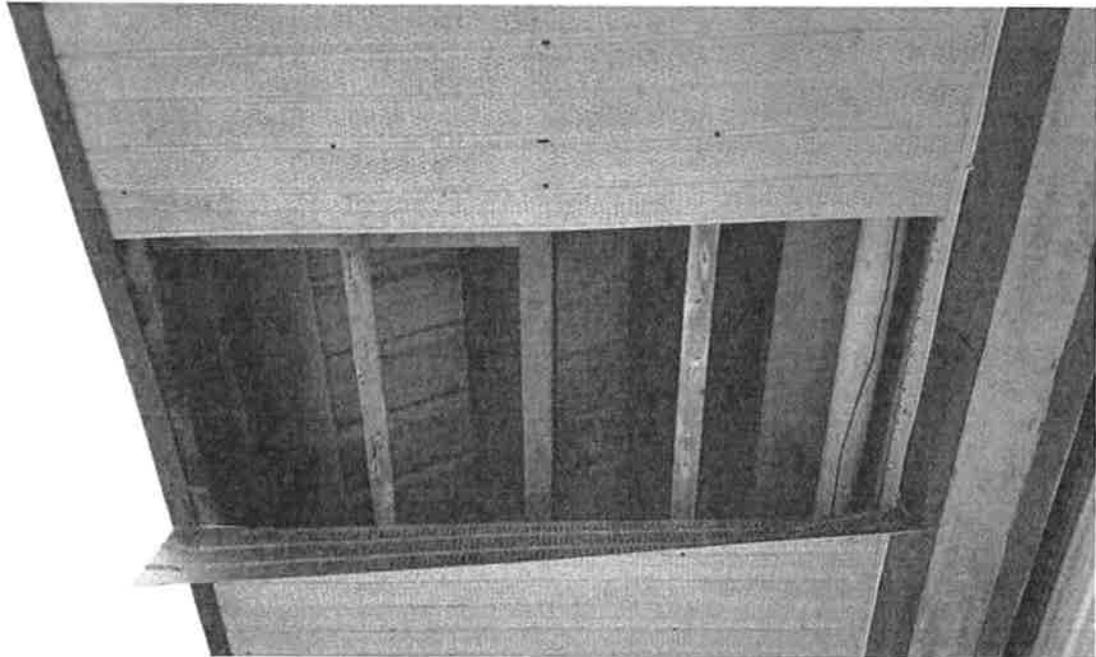
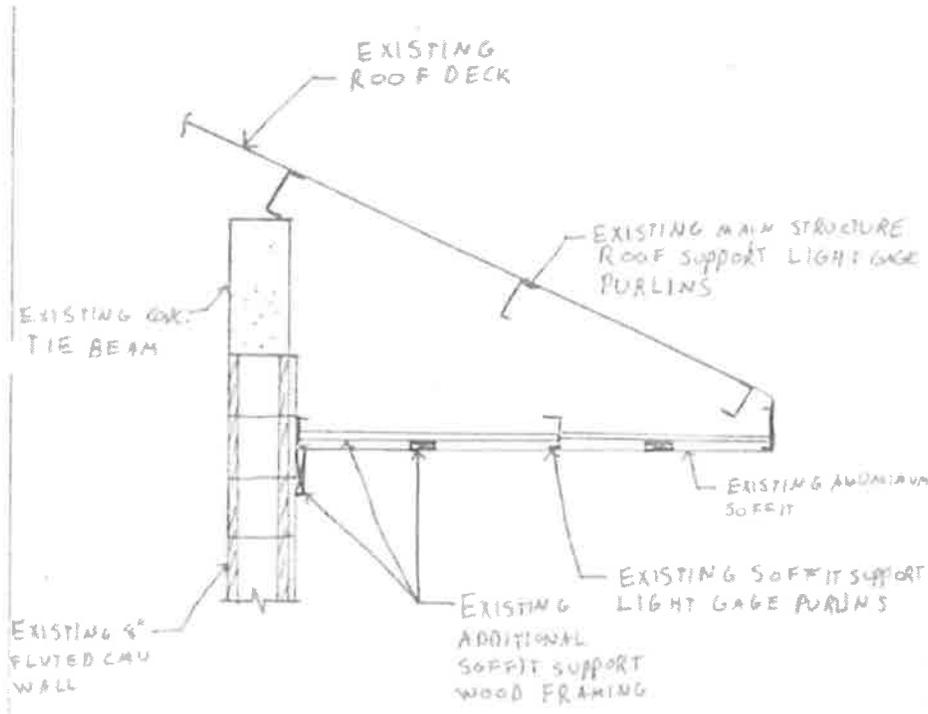


Photo S12 – Soffit Framing

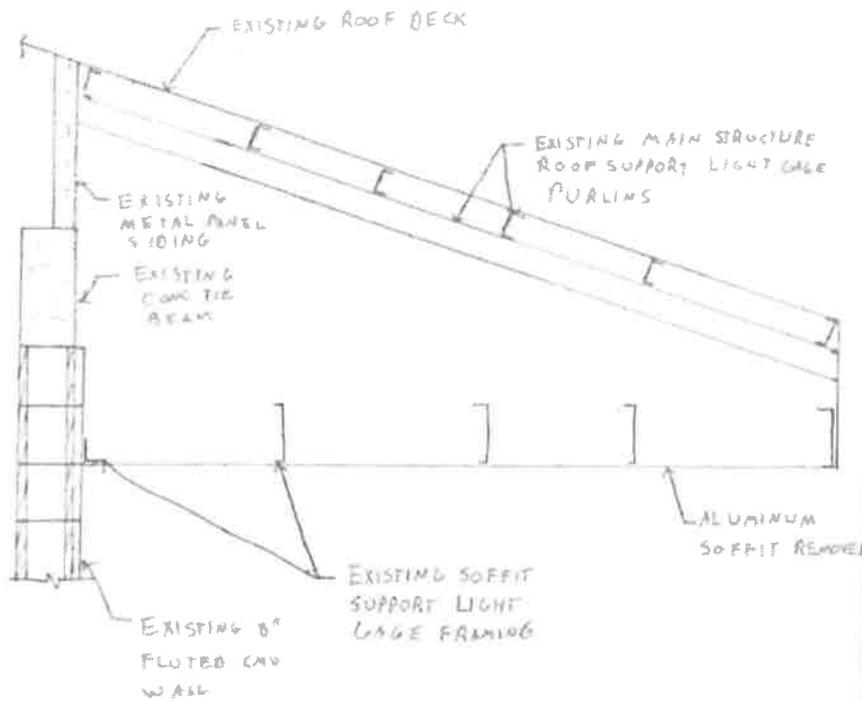
Appendix B
Building Key Plan
&
Structural Sketches



Figure S1 - Building Plan



Section S1 - Typical Soffit Section



Section S2 - Entry Soffit Section



Facilities Department
 2725 Judge Fran Jamieson Way
 Suite A207
 Viera, FL 32940-6605

**FACILITIES CONSTRUCTION
 COST ANALYSIS WORKSHEET #1**

Project: Fire Station 63 Renovation of the soffit *Revised* DATE: 2/14/2019
 WO#: 5057532

Fund: 1360 Cost Center: 284900 GL: 5460000

1. Estimated Construction Cost \$ 100,000.00
 2. Associated Costs Not Included in Estimated Construction Cost:

	<u>Estimated By:</u>	<u>Cost Estimate:</u>
A. Surveys, Aerials, Topo		\$ -
B. Permits		\$ 4,500.00
C. Impact Fees		\$ -
D. Consultant/Geotech		\$ -
E. Architect/Engineer (outside)		\$ 21,425.00
F. Testing		\$ -
G. Roof Consultant		\$ -
H. Legal Advertisement		\$ -
I. Reproduction/Printing		\$ -
J. Communications		\$ -
K. Asbestos Survey		\$ -
L. Furnishings		\$ -
M. Security:		\$ -
N. Other		\$ -
O. Reference Material Updates		\$ -

3. Total 2A thru 2O (Associated Costs Not Included in Est. Construction Cost): \$ 25,925.00
 4. Project Budget Subtotal 1+3: \$ 125,925.00
 (Estimated Construction Cost + Associated Costs Not Included in Est. Const Cost)
 5. Plus Contingency @ 10% of Line 4 Estimate by FCD Estimate by Others \$ 12,592.50
 6. Subtotal Estimated Funds Required for Project (4 Plus 5) \$ 138,517.50
 7. Facilities Construction Fee (4% Line 6 per BCC-48) \$ 5,540.70
8. TOTAL ESTIMATED FUNDS REQUIRED FOR PROJECT (6+7): \$ 144,058.20

9. Initial Project Budget: (Kick-Off from User Dept)

10. Budget available (or shortage)
[Signature] 2/19/19
 *REQUESTING DEPT SIGNATURE Date

[Signature] 2/21/19
 Scott Barrett, Building & Operations Mgr Date
[Signature] 2-21-19
 Tim Lawry, Construction Manager Date
KC 2/21/19
 Initials for Finance Initials for Project Mgr

* Requesting Department signature constitutes accounting, budget availability and authorization to proceed with requested work to limit of budget.



February 13, 2019

Mr. George Clark
Facilities Construction Coordinator
Brevard County Facilities
2725 Judge Fran Jamieson Way
Building A, Rm 207
Viera, FL 32940
Delivered via email: george.clark@brevardfl.gov

**Re: Brevard County Fire Station #63 Renovation
Professional Engineering/Architectural Services Proposal**

Dear Mr. Clark:

TLC Engineering is pleased to submit the following proposal to provide additional engineering services for the above-referenced project. We look forward to and appreciate the opportunity to work with the County on this project.

PROJECT SCOPE

Provide structural and architectural design services to renovate the exterior of Brevard County Fire Station #63. The renovation will remove, to the extent feasible without impacting the structural stability of the existing parapet, building wall, or the warranty of the existing roof system, the existing aluminum panel soffit and canopy from the building. New architectural cladding and finishes will be provided around the perimeter of the building to maintain the weather tightness of the existing building envelope. Where existing soffits cannot be removed, details will be provided to repair the existing soffit framing and panels with more corrosive resistant materials designed in accordance with applicable wind pressures. Modifications to the existing building MEP/FP systems is excluded from the scope of work. The project scope and fee are based on the understanding that existing construction documents for the existing facility are not available, and field verification and dimensioning of existing conditions is required by the design team. Removal and repair of any existing finishes as required by the design team to verify existing building conditions necessary to complete the scope of work will be completed by the county.

BASIC SCOPE OF SERVICES

TLC's proposal is based on the terms and conditions of our Continuing Service Contract for Structural Engineering Services unless specifically modified by this proposal.

- a. Structural Engineering
- b. Architectural (sub-contracted to **Tsark Architecture, LLC**)

TLC anticipates submittals at the following stages:

- 50% Construction Documents
- 90% Construction Documents
- 100% Construction Documents

Mr. George Clark
February 13, 2019
Page 2 of 4

All submittals are anticipated to be electronic. Reproduction shall be performed by Brevard County Facilities or compensated as a reimbursable expense.

One (1) field verification site trip is included in this proposal to evaluate existing conditions and take measurements to develop backgrounds for construction documents.

One (1) design review meeting is included in TLC's proposed scope of work.

TLC Engineering is pleased to submit the following proposal to provide structural engineering services

PROPOSED CONSTRUCTION PHASE SERVICES

Construction Phase Services provided for this project shall include:

1. Response to bidder questions.
2. Response to local permitting officials' comments.
3. Response to Contractor's Request for Information (RFI) and submittal review during the construction period.
4. A total of four (4) site visits (2-architectural, 2-structural) to become generally familiar with the progress and quality of construction work in order to determine if the work is being performed in general accordance with the construction documents. One (1) of these site visits will be reserved for substantial completion.

INFORMATION TO BE FURNISHED BY BREVARD COUNTY

In addition to Architects' Responsibilities defined in AIA Document C401-2007 Edition – Standard Form of Agreement between Architect and Consultant, Article 6, specific information and material that impacts the design shall be provided to TLC. This information includes, but is not limited to:

- Reliable existing building drawings (Architectural and Structural)

ADDITIONAL SERVICES

Additional services, when requested in writing by **Brevard County Facilities**, shall be performed at TLC's standard hourly rates. Additional Services are as defined in AIA Document B101 – 2007 Edition – Abbreviated Standard Form of Agreement Between Owner and Architect, Article 3. Additional Services also include those items shown in Attachment A. TLC shall submit the estimated additional services cost for approval and authorization prior to proceeding with a design.

PROPOSED FEE

TLC is prepared to provide the above-described basic scope of services based on the following fee structure inclusive of conventional reimbursable expenses:

• Field Investigation		
– Architectural	\$	1,125.00
– Structural	\$	1,480.00
• Construction Documents		
– Architectural	\$	7,550.00
– Structural	\$	6,320.00

Mr. George Clark
February 13, 2019
Page 3 of 4

• Construction Administration		
- Architectural	\$	2,250.00
- Structural	\$	2,700.00
	Total	\$ 21,425.00

Billing will be monthly, based on percentage of services completed and reimbursable expenses.

If our proposal is acceptable, please issue the appropriate work order authorization allowing TLC to schedule and initiate work.

We look forward to the opportunity to assist your team for this and future projects. Please give me a call with any questions or comments.

Sincerely,

TLC Engineering for Architecture

Brevard County Facilities



Colin G. Doyle, PE
Associate / Structural Project Engineer



Gary C. Krueger, PE, CM, LEED AP B D+C
Principal / Division Director

By: _____

KRISTINE ISNARDI

Print Name and Title

Date

Attachments

- Additional Services
- Continuing Engineering Consultant Services Agreement Work Order

ATTACHMENT A

ADDITIONAL SERVICES Professional Engineering Services Proposal

1. AIA Document B101-2007 Edition – Standard Form of Agreement Between Owner and Architect, Article 3.
2. Construction site visits or attendance at design review meetings, as requested by the Owner, in excess of site visits per discipline as defined in our proposal.
3. Material testing or installation quality inspection services including (but not limited to) concrete, reinforcing steel, welds, connections, torsion or tension verification of bolts, decking or masonry systems. Certification of construction or inspection services to appease special requirements of the local building department, are not included in TLC's scope of services.
4. Value Engineering meetings and subsequent engineering or design revisions to incorporate extensive accepted value engineering items, including changes to system design after construction documents have been completed.
5. Significant revisions to the program, design philosophy or Architectural plans after 50% Construction Document approval, or to systems selected following schematic phase, and which result in redesign expenses.
6. Mechanical, Electrical, Plumbing, and/or Fire Protection engineering design services.
7. Civil engineering design services.
8. Renderings.
9. Design or specification of fire-protection/sprinkler system.
10. Design of emergency power or generator systems.
11. Surveying, landscape design, and irrigation design services.
12. Document reproduction beyond those required for in-house coordination and submittals as outlined above.
13. Threshold Inspection Services.
14. Design of currently unidentified specialty electrical systems, including but not limited to: low voltage systems, specialty lighting, CCTV security, audio/visual, video conference system, commercial and retail tenant's point of sale, telephone/data/video, paging/PA system and security, alarm/access control systems. (Design of empty conduit systems is included).
15. Design of site features and amenities outside of building footprint and not directly attached to the building.
16. Design and construction administration services associated with LEED accreditation.
17. Development of "as-built" or record drawings.
18. Detailed cost estimating services.
19. Front end specifications and bid administration services.
20. Modification of the existing roof drainage system.

February 13, 2019

**CONTINUING CONSULTANT SERVICES AGREEMENT
STRUCTURAL ENGINEERING DESIGN
PROPOSAL**

I. **PROJECT:** Brevard County Fire Station #63 Renovation

II. **SCOPE OF WORK:**

TLC's scope of work is based on conversations with George Clark. The renovation will remove, to the extent feasible without impacting the structural stability of the existing parapet, building wall, or the warranty of the existing roof system, the existing aluminum panel soffit and canopy from the building. New architectural cladding and finishes will be provided around the perimeter of the building to maintain the weather tightness of the existing building envelope. Where existing soffits cannot be removed, details shall be provided to repair the existing soffit framing and panels. Modifications to the existing building MEP/FP systems is excluded from the scope of work. The project scope and fee are based on the understanding that existing construction documents for the existing facility are not available, and field verification and dimensioning of existing conditions is required by the design team. The county is to contract with a licensed contractor to remove any existing finishes as required by the design team to verify existing building conditions necessary to complete the scope of work.

PROGRAM DATA PROVIDED BY BREVARD COUNTY:

Existing building drawings

III. **TARGETED CONSTRUCTION BUDGET:** \$ 100,000.00

IV. **WORK PHASE DESCRIPTION:**

FIELD VERIFICATION

- Drawing Review: review existing building drawings to become familiar with existing structural systems and layout
- Site Visit: perform (1) site visit to conduct visual assessment of existing structural systems



February 13, 2019

WORK ORDER COMPENSATION/SCHEDULE**FEE PROPOSAL**

The statement of fees under this Service Agreement shall be based on the Standard Hourly Rate Schedule, Attachment "A", for the following work phases:

FIELD VERIFICATION

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$160.00	1.00	\$ 160.00
Project Director/Manager	\$150.00	0.00	\$
Project Engineer	\$140.00	2.00	\$ 280.00
Engineer	\$130.00	8.00	\$ 1,040.00
CAD Designer	\$90.00	0.00	\$
CAD Drafter/Operator/Technician	\$70.00	0.00	\$
Admin/Word Processing	\$60.00	0.00	\$
Architect (Tsark Architecture, LLC)	Lump Sum		\$ 1,125.00
<u>SUBTOTAL</u>			\$ 2,605.00

CONSTRUCTION DOCUMENTS

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$160.00	1.00	\$ 160.00
Project Director/Manager	\$150.00	0.00	\$
Project Engineer	\$140.00	4.00	\$ 560.00
Engineer	\$130.00	24.00	\$ 3,120.00
CAD Designer	\$90.00	0.00	\$
CAD Drafter/Operator/Technician	\$70.00	32.00	\$ 2,240.00
Admin/Word Processing	\$60.00	4.00	\$ 240.00
Architect (Tsark Architecture, LLC)	Lump Sum		\$ 7,550.00
<u>SUBTOTAL</u>			\$ 13,870.00

CONSTRUCTION ADMINISTRATION

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$160.00	0.00	\$
Project Director/Manager	\$150.00	0.00	\$
Project Engineer	\$140.00	4.00	\$ 560.00
Engineer	\$130.00	16.00	\$ 2,080.00
CAD Designer	\$90.00	0.00	\$
CAD Drafter/Operator/Technician	\$70.00	0.00	\$
Admin/Word Processing	\$60.00	1.00	\$ 60.00
Architect (Tsark Architecture, LLC)	Lump Sum		\$ 2,250.00
<u>SUBTOTAL</u>			\$ 4,950.00

TOTAL FEE PROPOSAL AMOUNT**\$ 21,425.00**

February 13, 2019

CONSULTANT TEAM MEMBERS

POSITION	NAME
Principal	Gary C. Krueger, PE, LEED AP BD+C
Project Director/Manager	Colin Doyle, PE
Project Engineer	Colin Doyle, PE
Engineer	Stewart Scott
CAD Designer	
CAD Drafter/Operator/Technician	Matthew Olive
Admin/Word Processing	Danielle Eberhardt

WORK ORDER SCHEDULE

Calendar duration of Work Order phases, subsequent to Authorization to Proceed, and

- Field Verification 2 wks
- Construction Documents 6 wks

WORK ORDER TERMS

- Monthly payment application for services of the previous month shall be in accordance with the Services Agreement, and shall include personnel breakdowns described therein.
- Reimbursable expenses shall be in accordance with the Services Agreement.

WORK ORDER AGREEMENT

Upon agreement and by signature of County and Consultant below, the County will prepare and

BREVARD COUNTY BOARD OF



 By: Colin Doyle, PE Date: 2/13/19

 Authorized Representative Date:
 KRISTINE ISNARDI CHAIR



 By: Gary C. Krueger, PE Date: 2/13/19



Facilities Department
 2725 Judge Fran Jamieson Way
 Suite A207
 Viera, FL 32940-6605

**FACILITIES CONSTRUCTION
 COST ANALYSIS WORKSHEET #2**

Project: Fire Station 63 Renovation of the soffit Revised **DATE:** 8/9/2019
WO#: 5057532

Fund: 1360 **Cost Center:** 284900 **GL:** 5460000

1. Estimated Construction Cost \$ 319,763.00

2. Associated Costs Not Included in Estimated Construction Cost:

	<u>Estimated By:</u>	<u>Cost Estimate:</u>
A. Surveys, Aerials, Topo	\$	-
B. Permits	\$	4,500.00
C. Impact Fees	\$	-
D. Consultant/Geotech	\$	-
E. Architect/Engineer (outside)	\$	21,425.00
F. Testing	\$	-
G. Roof Consultant	\$	-
H. Legal Advertisement	\$	-
I. Reproduction/Printing	\$	-
J. Communications	\$	-
K. Asbestos Survey	\$	-
L. Furnishings	\$	-
M. Security:	\$	-
N. Other	\$	-
O. Reference Material Updates	\$	-

3. Total 2A thru 2O (Associated Costs Not Included in Est. Construction Cost): \$ 25,925.00

4. Project Budget Subtotal 1+3: \$ 345,688.00
 (Estimated Construction Cost + Associated Costs Not Included in Est. Const Cost)

5. Plus Contingency @ 10% of Line 4 Estimate by FCD Estimate by Others \$ 34,568.80

6. Subtotal Estimated Funds Required for Project (4 Plus 5) \$ 380,256.80

7. Facilities Construction Fee (3% Line 6 per BCC-48) \$ 11,407.70

8. TOTAL ESTIMATED FUNDS REQUIRED FOR PROJECT (6+7): \$ 391,664.50

9. Initial Project Budget: (Kick-Off from User Dept)

10. Budget available (or shortage)

 Scott Barrett, Building & Operations Mgr Date

*REQUESTING DEPT SIGNATURE Date

 Tim Lawry, Construction Manager Date

* Requesting Department signature constitutes accounting, budget availability and authorization to proceed with requested work to limit of budget.

 Initials for Finance Initials for Project Mgr



August 6, 2019

George Clark
Brevard County

Via email: George.Clark@brevardfl.gov

RE: Brevard County FS No. 63 Exterior Improvements

Dear Mr. Clark,

W&J Construction Corporation is pleased to provide a base bid estimate of **(\$319,763.00)** for the project located at 2602 N Hwy A1A, Indialantic, Florida per the Tsark Architecture drawings dated 07/03/19: The cost breakdown is attached

Scope with Clarifications and Exclusions:

1. Construction duration is 13 weeks.
2. Building permit is Excluded.
3. No interior work is included.
4. Hazardous Material Handling is excluded.
5. All work to be performed during daytime hours.
6. Our proposal remains firm for 60 days.
7. Painting of Roll-up Door is included.
8. Pressure wash of Masonry is included.
9. No concrete work at entry sidewalks.

We appreciate this opportunity to provide this estimate and look forward to your favorable selection of W+J. If you have any questions or require further information, please do not hesitate to contact me at 321.632.7660 or at steve@wjconstruction.com.

Sincerely,

W+J Construction Corp.
A Florida Corporation

A handwritten signature in black ink, appearing to read 'Steve Carlyle', is written over a horizontal line.

Steve Carlyle
Chief Estimator

GENERAL CONTRACTORS

CGC 34068

1038 HARVIN WAY, SUITE 120, ROCKLEDGE, FLORIDA 32955 • 321/632-7660 • FAX NUMBER: 321/632-5927

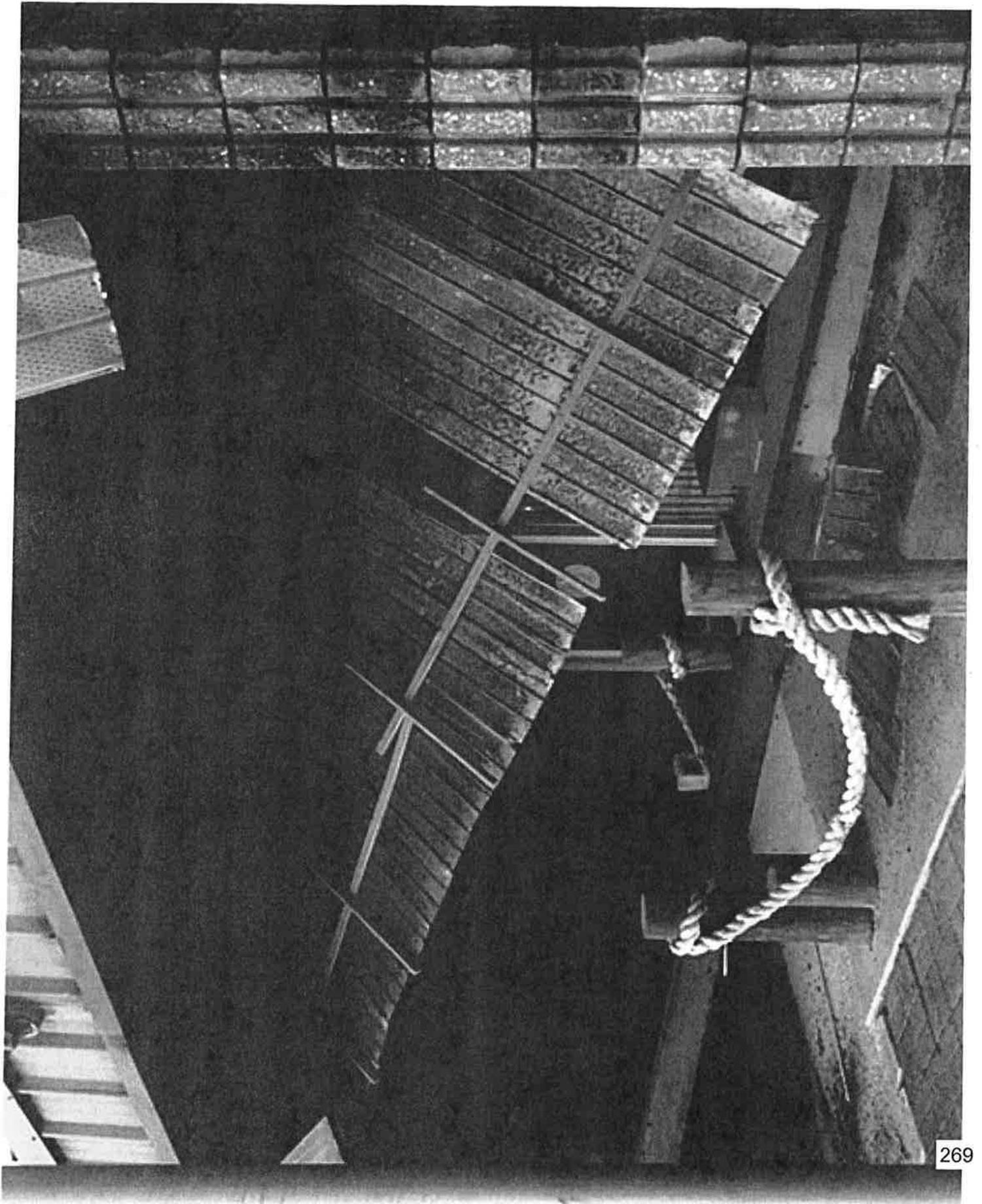
Item	Sec	Description	Material	Labor	Sub	Subcontractor Name
		A/E Design Phase Fees	0	0	0	By Owner
		Additional Structural Engineering	0	0	2,500	Allowance
	1	General Requirements				
1		General Conditions	0	23,225	9,460	W&J
1a		-Shoring Allowance	0	0	2,000	W&J
	2	Existing Conditions				
2		Demo Mansard	0	0	19,500	DBI
3		Grind Block Flutes	1,700	3,500	0	W&J
	4	Masonry				
4		Block Course	0	0	4,900	Leo's Concrete
	5	Steel				
5		Structural Steel	0	0	52,100	HMB
	6	Woods and Plastics				
6		Fascia Replacement	200	200	0	W&J
	7	Thermal and Moisture				
7		Roofing	0	0	11,878	Hamilton
8		Caulking	0	0	1,125	Midstate
	9	Finishes				
9		Framing and Sheathing	0	0	75,365	BFD
9a		-Replace Damage Stud Allowance	0	0	5,000	Allowance
10		Stucco	0	0	15,072	Extreme Plastering
11		Painting	0	0	7,000	Dave Goodman
	10	Specialties				
12		Signage	0	0	8,983	Don Bell
Subtotals			1,900	26,925	214,883	
Sales Tax/PT&I (7/40)			133	10,770		
Total			2,033	37,695	39,728	
					254,611	
					0	Excluded
Permits					2,078	
General Liability Insurance (%)					1,218	
Builder's Risk (Per \$100)					5,596	
Bond					73	
Hurricane Surcharge 1.30%					263,576	
Cost					15,815	
Overhead					279,391	
Sub Total					25,145	
Profit					304,536	
Total No Contingency					15,227	
Add Contingency (No Markup)					319,763	
Project Total						

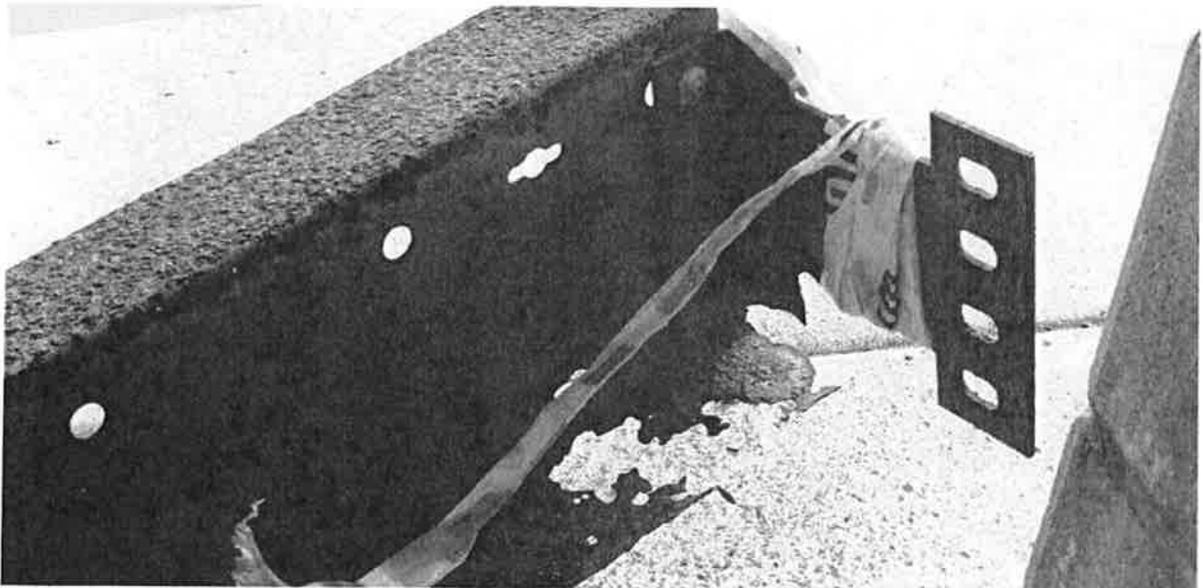
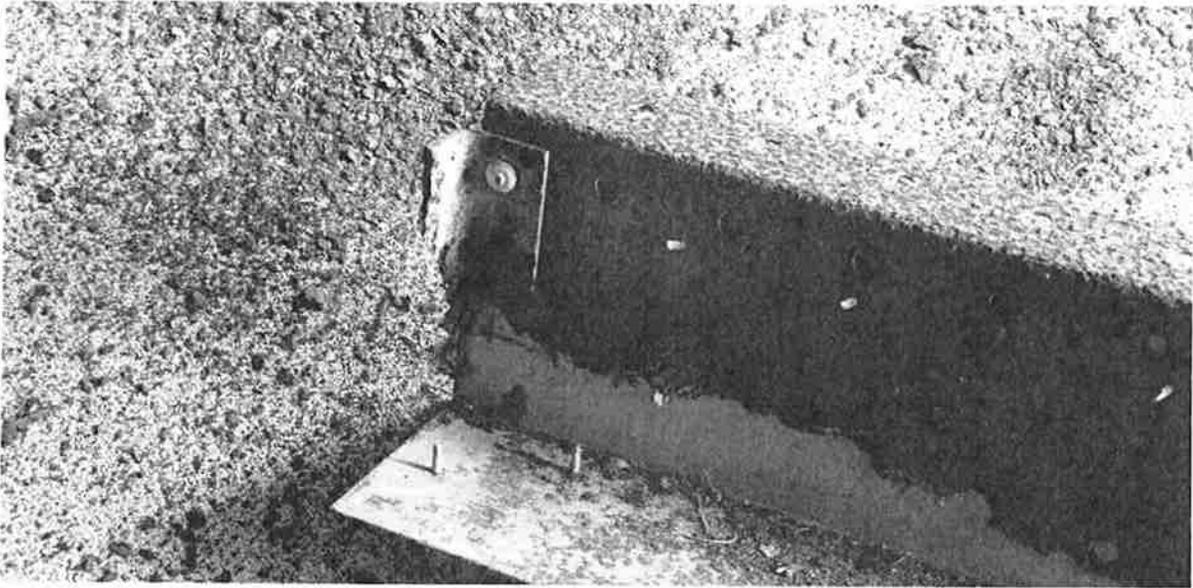
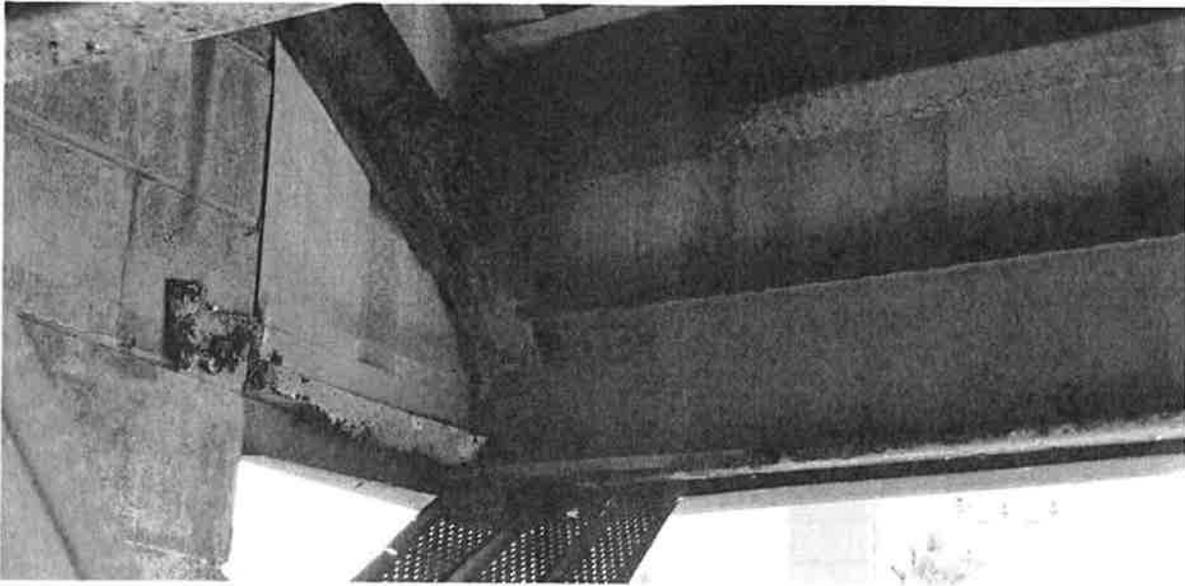
General Conditions
Project: Fire Station 63

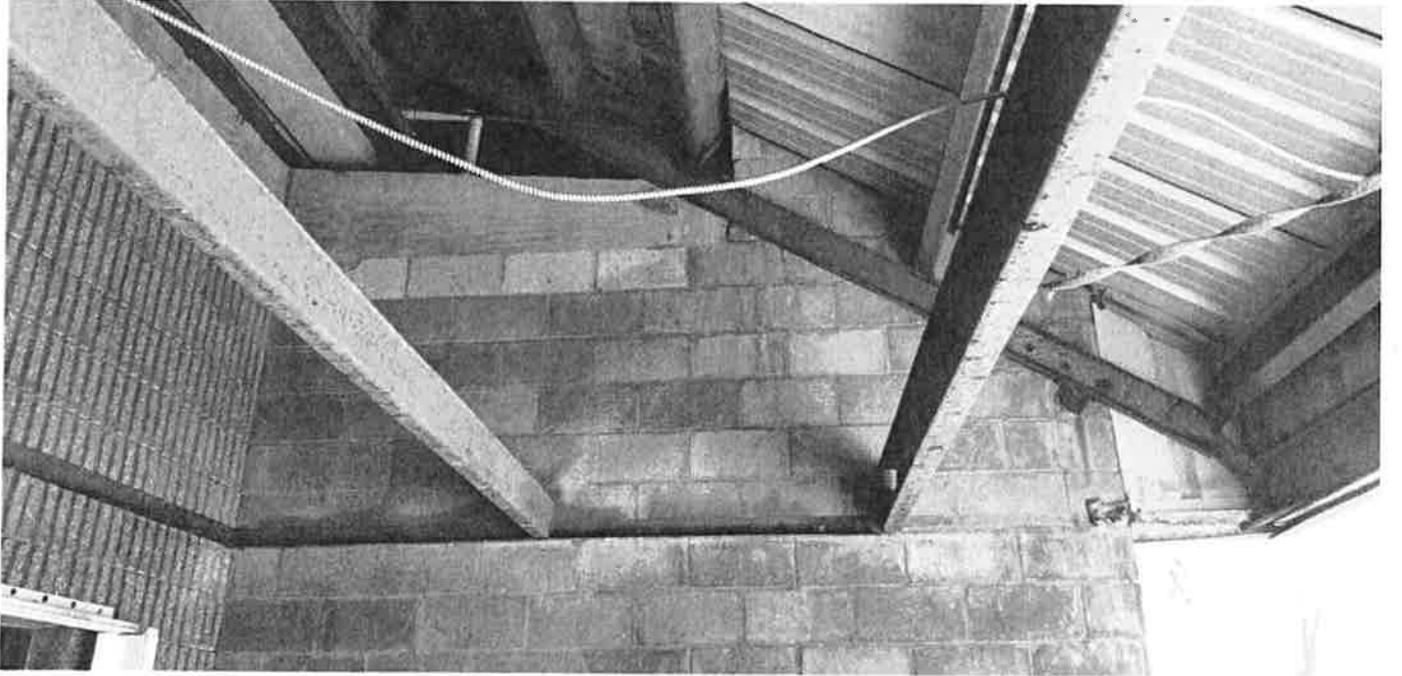
Mansard Replacement

Cal. Days: 90 Months:3
Work Days: 65 Weeks:13

Description	No.	Calculation	Qty	Unit	U.P.		U.P.	
					Mat'l	Material	Labor	Labor
Superintendent			13	wks	0	0	1,600	20,800
Pickup Trucks			3	mon	600	1,800	0	0
Tolls/Travel			13	tanks	70	910	0	0
Field Computers/Software			1	ls	800	800	0	0
Telephone			3	mon	90	270	0	0
Ice Water			65	wd	3	195	0	0
Toilets			3	mon	240	720	0	0
Daily Clean Up			65	wd	4	260	25	1,625
Dump Fees			2	loads	325	650	0	0
Temporary Fencing			500	lf	4	1,875	0	0
Safety/First Aid			1	ls	150	150	0	0
Barricades			1	ls	800	800	800	800
Office Supplies			3	mon	50	150	0	0
Bond Filing Fee			1	ls	80	80	0	0
Expendables			1	ls	800	800	0	0
TOTAL							9,460	23,225









Tammy Rowe, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Tammy.Rowe@brevardclerk.us

November 13, 2019

M E M O R A N D U M

TO: Chief Mark Schollmeyer, Fire Rescue Director Attn: Pamela Barrett

RE: Item F.12., Approval of Fire Rescue Capital Improvement Project (CIP) to Support Critical Unbudgeted Safety/Structural Repairs for Fire State 63, Located at 2602 North Highway A1A, Indialantic

The Board of County Commissioners, in regular session on November 12, 2019, approved unbudgeted CIP to fund critical safety/structural repairs to Station 63, under the current Facilities Cost Allocation Worksheet; and authorized the County Manager, or his designee, to make necessary budgetary change requests or other administrative actions necessary to fund the cost of the Fire Station repairs, and execute for any required work.

Your continued cooperation is greatly appreciated.

Sincerely yours,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe

Tammy Rowe, Deputy Clerk

/ds

cc: County Manager
Budget
Finance



Florida's Space Coast

Facilities Department
2725 Judge Fran Jamieson Way, Suite A207
Viera, FL 32940-6605

(321) 633-2050
FAX: (321) 633-2051

TO: Commissioner Bryan Lober, District 2 County Commissioner

FROM: Mary Bowers, Support Services Manager, Facilities

A handwritten signature in cursive script that reads 'Mary Bowers'.

DATE: January 13, 2020

**SUBJECT: Fire Station #63 Structural Repairs, WO #5057532
Contract Between Owner and Construction Manager**

Enclosed please find three (3) original contracts with W&J Construction for structural repairs to Fire Station #63 located at 2602 N. Highway A1A, Indialantic, FL. Please sign and return to our office at your earliest convenience.

Should you have any questions please contact our office at 633-2050.

Thank you.

/mb

Enclosures

need date of BOCC approval

CONTRACT
BETWEEN OWNER AND CONSTRUCTION MANAGER

THIS CONTRACT made the ____ day of _____ in the year Two Thousand Nineteen between the **BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS**, a political subdivision of the State of Florida whose address is 2725 Judge Fran Jamieson Way, Viera, Florida 32940 (hereinafter referred to as "Owner"), **W&J CONSTRUCTION CORPORATION** (hereinafter referred to as "Construction Manager"), 1005 Viera Boulevard, Rockledge, Florida 32955, a company licensed to do business in the State of Florida.

ARTICLE 1

THE CONSTRUCTION TEAM AND EXTENT OF CONTRACT

The Construction Manager accepts the relationship of trust and confidence established between him and the Owner by this Contract. The Construction Manager covenants with the Owner to furnish the best skill and judgment and to cooperate with the Architect/Engineer in furthering the interests of the Owner. The Construction Manager agrees to furnish efficient business administration and superintendence and use its best efforts to complete the Project in the best and soundest way, and in the most expeditious and economical manner consistent with the interest of the Owner.

- 1.1 The Construction Team - The Construction Manager, the Owner and the Architect/Engineer, called the "Construction Team", shall work jointly during design and through final construction completion and shall be available thereafter should additional services be required. The Architect/Engineer will provide leadership during the Design Phase, with support from the Construction Manager, and the Construction Manager shall provide leadership to the Construction Team on all matters relating to construction.

The specific representatives of the Construction Team are shown in **Attachment "A"** attached.

- 1.2 Scope of Work – A general description of the Work/Project to be built/constructed/installed under this Contract (**Attachment "B"**).

- 1.3 Definitions:

Project - The Project is the total work to be performed under this Contract. The Project consists of planning, design review, permitting, construction (which includes all labor, equipment, material and supervision) and code inspection necessary to build/construct and complete the Scope of Work identified in Attachment "B" (Scope of Work).

Owner - Brevard County Board of County Commissioners, Public Works

Department - Facilities, 2725 Judge Fran Jamieson Way, Building A, 2nd Floor, Viera, Florida 32940, (321) 633-2050; facsimile (321) 633-2101. For the purposes of this contract, the Owner may also include the County Manager or the Project Director with regard to the performance of designated functions and duties specified for each under the terms and provisions of this contract.

Contract Documents - Consist of this Contract with attachments, Scope of Work, the drawings, the specifications, the GMP, any Conditions of the Contract between the Owner and the Construction Manager (General, Special, Supplementary and other conditions), permit conditions, if any, grant specifications, any addenda to the foregoing listed documents and all change orders, amendments or modifications as provided in Article 10, whether or not any of the foregoing listed documents have been attached hereto.

Permitting Authority - All applicable Federal, State, County and local agencies responsible for permitting and code inspections on projects administered by the Owner.

Construction Manager – Heard Construction

Architect/Engineer – TLC Engineering

Project Director - The person designated by the Owner to provide direct interface with the Construction Manager with respect to the Owner's responsibilities. Tim Lawry is the designated Project Director, and George Clark is the designated Construction Coordinator.

Owner's Representatives - The Project Director and his/her supervisors and/or designees.

Estimate - The Construction Manager's latest estimate of probable Project construction cost.

Guaranteed Maximum Price (GMP) - The Guaranteed Maximum Price for the construction of the project, which shall be subject to adjustments only as provided herein. GMP includes Cost of the Work and Construction Manager's fee for Construction Phase services. The Guaranteed Maximum Price does include the cost for Owner direct purchases; however, all Owner direct purchases will be deducted in one deductive change order in accordance with **Attachment "C"** (Direct Purchasing Procedure) at the end of the project.

Substantial Completion - the point in the construction where all essential elements of the Project are sufficiently complete in conformance with the Contract, that the OWNER has both the occupancy of the Project, as evidenced by a Certificate of Occupancy issued by the governmental authority with jurisdiction and the beneficial use of the Project for its intended purpose where

only minor punch list items are required for final completion. Substantial Completion shall not be deemed to have occurred where 1) latent defects are revealed subsequent to use and occupation of the project by the OWNER or 2) where the scope of substantial defects in workmanship or materials are not readily observable or discoverable when use and occupancy of the project commenced or 3) the failure to meet grant specifications, if any.

- 1.4 Extent of Contract - This Contract for Construction Management between the Owner and the Construction Manager supersedes any prior negotiations, representations or contracts. The drawings, specifications and other descriptive documents defining the work to be included under this construction contract are identified in **Attachment "D"**. The Construction Manager shall obtain from the Owner three (3) sets of signed, sealed and dated drawings, specifications and other documents upon which the GMP is based; shall acknowledge on the face of each document of each set that it is the set upon which he based his GMP; and shall send one (1) set of the documents to the Project Director along with his GMP proposal, while keeping one (1) set for himself and returning one (1) set to the Architect/Engineer.

This Contract shall not be superseded by any provisions of the documents for construction and may be amended only by written instrument signed by both Owner and Construction Manager.

ARTICLE 2

CONSTRUCTION MANAGER'S RESPONSIBILITIES

Construction Manager shall perform all services described in this Article. The services to be provided under Paragraph 2.1 constitute the Pre-Construction Phase services. The services to be provided under Paragraph 2.2 thru 2.9 constitute the Construction Phase services. The parties acknowledge the Construction Phase shall commence before the Pre-Construction Phase is completed, and to a certain extent both phases shall proceed concurrently.

2.1 PRE-CONSTRUCTION PHASE

2.1.1 Preliminary Evaluation - Construction Manager shall provide a preliminary evaluation of Owner's program and Project budget requirements, each in terms of the other.

2.1.2 Consultation - Construction Manager will provide Design Disciplines Construction Documents Plans and Specifications review at all design milestones and a final constructability review. The review at each milestone will identify areas of omission, overlapping and identify documents to be modified in order to clarify the construction details. The review will also include the coordination and interface of the contract document's General Conditions, Special Conditions,

trade contractor bid packages and site utilization planning during construction. Reviews shall be completed and comments provided within five (5) business days. As part of the design review, Construction Manager will provide Value Engineering and construction alternatives, identifying to the Owner and Architect options for systems and components that are cost effective, ease of maintainability and efficiency to be considered.

Construction Manager, with Architect, has scheduled and attended, and will continue to jointly schedule and attend, **weekly** progress meetings (*or as determined by the Project Director or Project Manager*) with Owner and Architect. Construction Manager has and will continue to consult with Owner and Architect regarding site use and improvements, and the selection of materials, building systems and equipment. Construction Manager has provided and will continue to provide recommendations on construction feasibility; actions designated to minimize adverse effects of labor or material shortages; time requirements for procurement, installation and construction completion; and factors related to construction cost including estimates of alternative designs or materials, preliminary budgets and possible economies.

- 2.1.3 Preliminary Project Schedule - Construction Manager has prepared a Preliminary Construction Schedule, a copy of which is attached as **Attachment "E"**. Construction Manager shall coordinate and integrate the Preliminary Project Schedule with the services and activities of Owner, Architect and Construction Manager. The Construction Manager shall provide current scheduling information and provide direction and coordination regarding milestones, beginning and finishing dates, responsibilities for performance and the relationships of the Construction Manager's work to the work of his subcontractors and suppliers to enable them to perform their respective tasks so that the development of construction progresses in a smooth and efficient manner in conformance with the overall Total Project Schedule. The schedule shall include all phases of construction work, material supplies, long lead procurement, approval of shop drawings, change orders in progress, schedules for change orders, and performance of testing requirements. The Construction Manager shall advise the Owner, its representatives and the Architect/Engineer of their required participation in any meeting or inspection giving each at least one (1) week notice unless such notice is made impossible by conditions beyond the Construction Manager's control. The Construction Manager shall hold jobsite meetings at least once each week with the Construction Team and at least once each week with the subcontractors and the Architect/Engineer field representatives, and Owner or more frequently as required by work progress, to review progress, discuss problems and their solutions and coordinate future work with all subcontractors.
- 2.1.4 Subcontractors and Suppliers - Construction Manager shall continue to develop subcontractor interest in the Project and shall furnish to Owner and Architect for their information a list of possible subcontractors, including suppliers who are to furnish materials or equipment fabricated to a special design, from whom

proposals will be requested for each principal portion of the Project. Owner will promptly reply in writing to Construction Manager if Owner has an objection to any such subcontractor or supplier. The receipt of such list shall not require Owner to investigate the qualifications of proposed subcontractors or suppliers, nor shall it waive the rights of Owner to later object to or reject any proposed subcontractor or supplier.

- 2.1.5 Long Lead and Owner Direct Procurement - The Construction Manager shall review the design for the purpose of identifying long lead and Owner direct procurement items (machinery, equipment, materials and supplies). When each item is identified the Construction Manager shall notify the subcontractors, the Project Director, and the Owner of the required procurement and schedule. Such information shall be included in the bid documents and made a part of all affected subcontracts. As soon as the Architect/Engineer has completed drawings and technical specifications and the Construction Manager has obtained permitting approval, the Construction Manager shall prepare Invitation for Bids. The Construction Manager shall keep informed of the progress of the respective subcontractors and/or suppliers, manufacturing or fabricating such items and notify the Project Director, Owner and Architect/Engineer of any problems or prospective delay in delivery.
- 2.1.6 Extent of Responsibility - The recommendations and advice of Construction Manager concerning design alternatives shall be subject to the review and approval of Owner and Owner's professional consultants. It is not Construction Manager's responsibility to ascertain that the Drawings and Specifications are in accordance with applicable laws, statutes, ordinances, building codes, rules and regulations. However, if Construction Manager recognizes that portions of the Drawings and Specifications are at variance therewith, Construction Manager shall promptly notify Owner and Architect in writing.
- 2.1.7 Equal Employment Opportunity and Affirmative Action - Construction Manager shall comply with applicable laws, regulations and special requirements of the Contract Documents regarding equal employment opportunity and affirmative action programs.
- 2.1.8 Separate Contracts Planning - The Construction Manager shall review the design with the Architect/Engineer and make recommendations to the Owner and to the Architect/Engineer with respect to dividing the work in such manner as will permit the Construction Manager to take bids and award separate construction subcontracts on the current schedule while the design is being completed. The Construction Manager shall take into consideration such factors as natural and practical lines of severability, sequencing, effectiveness, access and availability constraints, total time for completion, construction market conditions, availability of labor and materials, community relations and any other factors pertinent to saving time and cost by overlapping design and construction that are authorized by the Owner.

2.2 CONSTRUCTION PHASE

2.2.1 Interfacing -

- (1) The Construction Manager shall take such measures as are appropriate to provide that all construction requirements will be covered in the separate subcontracts for procurement of long lead items, the separate construction subcontracts and the general conditions items performed without duplication or overlap, sequenced to maintain completion of all work on schedule. Particular attention shall be given to provide that each bid package clearly identifies the work included in that particular separate subcontract, its schedule for start and completion and its relationship to other separate subcontractors.

- (b) Subcontractor Interfacing - The Construction Manager shall be the single point of interface with all Subcontractors for the Owner, and all of its agents and representatives, including the Architect/Engineer. The Construction Manager shall negotiate all change orders, field orders and request for proposals, with all affected Subcontractors and shall review the costs of those proposals and advise the Owner and Architect/Engineer of their validity and reasonableness, acting in the Owner's best interest prior to requesting approval of each change order from the Owner. Before any work is begun on any change order, an executed Authorization to Initiate Work form from the Owner must be issued. However, when health and safety are threatened, the Construction Manager shall act immediately to remove the threat to health and safety. The Construction Manager shall also carefully review all shop drawings and then forward the same to the Architect/Engineer for review and actions. The Architect/Engineer will transmit them back to the Construction Manager who will then issue the shop drawings to the affected Subcontractor for fabrication or revision. The Construction Manager shall maintain a suspense control system to promote expeditious handling. The Construction Manager shall request the Architect/Engineer to make interpretations of the drawings or specifications requested of the Construction Manager by the Subcontractors and shall maintain a suspense control system to promote timely response. The Construction Manager shall advise the Project Director and Architect/Engineer when timely response is not occurring on any of the above.

2.2.2 Solicitation of Bids

- (1) Without assuming responsibilities of the Architect/Engineer, the Construction Manager shall prepare Invitations for Bids (or Request For Proposals, when applicable) for all procurements of long lead times, materials and services for Subcontractor contracts and for site utilities.

- (2) As part of such preparation, the Construction Manager shall review the specifications and drawings prepared by the Architect/Engineer. Ambiguities, conflicts or lack of clarity of language, use of illegally restrictive requirements, and any other defects in the specifications or in the drawings noted by the Construction Manager shall be brought to the attention of the Project Director and Architect/Engineer in written form.
- (3) For each separate subcontractor or construction trade contract used in this project, the Construction Manager shall, unless waived by the Owner, conduct a pre-bid conference with prospective bidders, the Architect/Engineer and Project Director. In the event questions are raised which require an interpretation of the bidding documents or otherwise indicate a need for clarification or correction of the invitation, the Construction Manager shall transmit these to the Architect/Engineer and upon receiving clarification or correction in writing shall prepare an addendum to the bidding document, and issue same to all of the prospective bidders.
- (4) In accordance with Article 2.4.2 the Construction Manager shall open and review all bids and enter into contract(s) with those low bidders determined to be most qualified by the Construction Manager. The Construction Manager shall make every effort to follow the County's Pre-Qualification Ordinance 98-37 (**Attachment "F"**) for applicable subcontract trades.

2.2.3 Bonds - For those projects where the cost will exceed \$100,000.00, in accordance with the provisions of Section 255.05, Florida Statutes, the Construction Manager shall provide to the Owner, on forms furnished by the Owner (**Attachment "G" Payment & Performance Bond**), certified copies of the recorded Bond in an amount not less than the total construction cost (GMP) as defined in Article 9 and inclusive of the construction fee. *Payment and Performance Bonds shall be recorded (by the Construction Manager) in the official record of the County in which the project is located.* The Contractor must provide a copy of the bond(s) to all subcontractors and notify them of deadlines to make claims under the bonds.

2.2.4 Quality Control - The Construction Manager shall develop and maintain a program, acceptable to the Owner and Architect/Engineer, to assure quality control of the construction (*this may include personnel if approved by the Owner*). The Construction Manager shall have a qualified and competent Superintendent to supervise the work of all Subcontractors providing instructions to each when their work does not conform to the requirements of the plans and specifications and shall continue to exert influence and control over each Subcontractor to ensure that corrections are made in a timely manner so as to not affect the efficient progress of the work. Should disagreement occur between the

Construction Manager and Architect/Engineer over acceptability of work and conformance with the requirements of the specifications and plans, the Owner shall be the final judge of performance and acceptability.

2.3 Guaranteed Maximum Price (GMP) and Contract Time

2.3.1 Construction Manager acknowledges and agrees the Drawings and Specifications are sufficiently complete for Construction Manager to propose a Guaranteed Maximum Price (GMP), which is the total not to exceed sum of the Construction Manager's Fee and the Cost of the Project. Accordingly, the Guaranteed Maximum Price (GMP) is hereby established at **\$321,139.00**. *The final approved GMP spread sheet is hereby attached as **Attachment "I"** to and shall become a part of this Contract between Owner and Construction Manager.*

2.3.2 The Cost of the Work shall include Construction Manager's contingency, a sum agreed to by all parties for the Manager's use to cover costs arising from unforeseen conditions in the project. Construction Manager's contingency is hereby established as a separate line item of **\$15,292.00** within the Guaranteed Maximum Price.

2.3.3 Basis of Guaranteed Maximum Price (GMP)

The Guaranteed Maximum Price, herein established is based upon the following:

- .1 The list of the Drawings and Specifications, including all addenda thereto, and the Conditions of the Contract, which are identified in the Attachments to this Contract.
- .2 The list of clarifications and assumptions made by Construction Manager in the preparation of its Guaranteed Maximum Price proposal to supplement the information contained in the Drawings and Specifications.
- .3 The Preliminary Construction Schedule (**Attachment "E"**). As reflected in said Schedule, Construction Manager is to achieve Substantial Completion of the Work within **one hundred and eighty (180) calendar days** from issuance of Notice to Proceed. Final Completion shall be achieved within an additional **thirty (30) calendar days**.

2.3.4 Included within the Guaranteed Maximum Price is the Construction Manager's fee. The Construction Manager's Fee is hereby established as **\$40,960.00** for services provided in this Contract. The sum of the Cost of the Project and the Construction Manager's Fee shall not exceed the Guaranteed Maximum Price. The Construction Manager's Fee shall constitute Construction Manager's total compensation for profit. All costs in excess of the final approved GMP (as reduced by Owner direct purchases, if any, in accordance with **Attachment "C"**) are the responsibility of the Construction Manager. Any savings between the GMP (as reduced by Owner direct purchases) and the sum of the actual cost of

the Project plus the Construction Manager's fee will be returned to the Owner.

- 2.3.5 Prior to issuance of the Construction Phase Notice to Proceed, Construction Manager shall not incur any costs to be reimbursed as part of the Cost of the Project, except as Owner may specifically authorize in writing.
- 2.3.6 The Guaranteed Maximum Price and date of Substantial Completion shall be subject to additions and deductions by a Change Order as provided in the Contract Documents.
- 2.3.7 The Guaranteed Maximum Price shall include in the Cost of the Project only those taxes which are enacted and in effect at the time the GMP was determined.

2.4 Construction Phase

2.4.1 General

- 2.4.1.1 The Construction Phase shall commence on the date identified in the Notice to Proceed to be issued by the Owner.
- 2.4.1.2 The Construction Manager shall cause all Work required by the Contract Documents to be properly completed in accordance with the terms of the Contract Documents and within the Contract Time.
- 2.4.1.3 Construction Manager's Staff - The Construction Manager shall maintain sufficient off-site support staff, and competent full time staff at the Project site authorized to act on behalf of the Construction Manager and to coordinate, inspect and provide general direction of the work and progress of the subcontractors, and the Construction Manager shall provide no less than those personnel during the respective phases of construction. The Construction Manager shall not change any of those designated persons unless mutually agreed to by the Owner and Construction Manager. In such case, the Owner shall have the right of approval of the qualifications of replacement personnel. Such approval will not be reasonably withheld.
 - 2.4.1.3.1 The Construction Manager shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during the progress of the work. The superintendent shall represent the Construction Manager and all communications given to the superintendent shall be as binding as if given to the Construction Manager.
 - 2.4.1.3.2 The superintendent shall be in attendance at the Project site not less than eight (8) hours per day, five (5) days per week, and any time work is being performed at the jobsite, unless the job is closed down due to a general strike or conditions beyond the control of the Construction Manager or

until completion or termination of the Contract. It is understood that such superintendent shall be acceptable to the Owner and the Architect and shall be the one who will be continued in that capacity for the duration of the project, unless the Owner otherwise agrees. The superintendent shall not be employed on any other project for or by Construction Manager or any other entity during the course of the work.

- 2.4.1.4 Lines of Authority - The Construction Manager shall establish and maintain lines of authority for its personnel, and shall provide this description/definition to the Owner and all other affected parties such as the code inspectors of the permitting authorities, the subcontractors, the Architect/Engineer and the Owner's representatives, to provide general direction of the work and progress of the various phases and subcontractors. The Owner and the Architect/Engineer may attend meetings between the Construction Manager and subcontractors, however, such attendance shall not diminish either the authority or responsibility of the Construction Manager to administer the subcontractor.

2.4.2 Administration

- 2.4.2.1 Those portions of the Project that Construction Manager does not customarily perform with Construction Manager's own personnel shall be performed under subcontracts or by other appropriate written contracts with Construction Manager. Construction Manager shall obtain bids from subcontractors and from suppliers of materials or equipment fabricated to a special design for the Project from the list previously reviewed and, after analyzing such bids, shall deliver such bids to the Owner and Architect for review and comment. Based upon that review and comment, Construction Manager shall then determine, subject to the reasonable objection of Architect or Owner, which bids will be accepted. Construction Manager shall not be required to contract with anyone to whom Construction Manager has reasonable objection. Notwithstanding anything herein to the contrary, Construction Manager covenants and agrees that it shall competitively bid all subcontracts. Further, with respect to all such subcontracts, Construction Manager covenants and agrees that it shall select and contract with the lowest, responsive and qualified bidder, unless otherwise consented to in writing by Owner.
- 2.4.2.2 Subcontracts and contracts with suppliers furnishing materials or equipment fabricated to a special design shall conform with payment provisions and shall not be awarded on the basis of cost plus a fee without prior written consent of Owner.
- 2.4.2.3 Construction Manager shall schedule and conduct weekly meetings at which Owner, Architect, Construction Manager and appropriate Subcontractors can discuss the status of the Project. Construction

Manager shall prepare and promptly distribute meeting minutes within two (2) business days after any such meeting is held.

- 2.4.2.4 Promptly after Owner's issuance of the Notice to Proceed, Construction Manager shall prepare a more detailed Project Schedule, based upon the preliminary Project Construction Schedule attached as **Attachment "E"**, including Owner's occupancy requirements. Construction Manager will submit monthly updates to the Schedule until the project is completed.
- 2.4.2.5 Construction Manager shall provide Monthly Written Reports to Owner on the progress of the entire Work. Construction Manager shall maintain a daily log containing a record of weather, subcontractors working on the site, number of workers, Work accomplished, problems encountered and other similar relevant data as Owner may require. The log shall be available to Owner at all times.
- 2.5 Professional Services - Construction Manager shall not be required to provide professional services which constitute the practice of architecture or engineering, unless such services are specifically required by the Contract Documents for a portion of the Project, or unless Construction Manager has specifically agreed in writing to provide such services. In such event, Construction Manager shall cause such services to be performed by appropriately licensed professionals.
- 2.6 Unsafe Materials - If reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance encountered but not created or brought on the site Construction Manager shall, upon recognizing the condition, immediately stop Work in the affected area and report the condition to Owner and Architect in writing. Owner shall be responsible for obtaining the services of a licensed laboratory to verify the presence or absence of the material or substance reported by Construction Manager and, in the event such material or substance is found to be present, to verify that it has been rendered harmless.

In accordance with Florida Statute 255.40, the Owner will require that the Contractor certify (at project completion) that to the best of his/her knowledge and ability no asbestos-containing materials and/or supplies have been purchased and/or installed on this Project.

(Florida Statute 255.40 Use of asbestos in new public buildings or buildings newly constructed for lease to governmental agencies; prohibition - The use of asbestos or asbestos-based fiber materials is prohibited in any building, construction of which is commenced after September 30, 1983, which is financed with public funds or is constructed for the express purpose of being leased to any governmental entity.)

2.7 Weather Protection - The Construction Manager will be responsible to ascertain what temporary enclosures, if any, of building areas should be provided for and may be provided as a practical matter, in order to assure orderly progress of the work in periods when extreme weather conditions are likely to be experienced. All costs associated with this shall be the responsibility of the Construction Manager.

2.8 Job Site Requirements

- (1) The Construction Manager shall provide for each of the following activities as a part of the Construction Manager's Construction Phase services:
 - a. Maintain a log of daily activities, including manpower records, weather, delays, major decisions, etc. and require the same of subcontractors
 - b. Maintain a directory of companies on the Project with names, addresses, telephone numbers, emergency telephone numbers and fax numbers of key personnel.
 - c. Establish and enforce job rules governing parking, clean-up, use of facilities and worker discipline.
 - d. Provide labor relations management for a harmonious, productive Project.
 - e. Provide a safety program for the Project to meet OSHA requirements. Monitor for Subcontractor compliance without relieving them of responsibilities to perform work in accordance with the best acceptable practice.
 - f. Provide a quality control program.
 - g. Miscellaneous office supplies that support the construction efforts which are consumed by his own forces.

2.9 Job Site Administration - The Construction Manager shall provide as part of the Construction Manager's Construction Phase services, administrative functions during construction, including but not limited to, the following:

- (1) Job Meetings - Hold weekly progress and coordination meetings to provide for an easy flowing Project. Implement procedures and assure timely submittals, expedite processing approvals and return of shop drawings, samples, etc. Coordinate and expedite critical ordering and delivery of materials, work sequences, inspection and testing, labor allocations, etc. Review and coordinate each Subcontractor's work. Review and implement revisions to the Schedule. Monitor and promote safety requirements.

Use the job site meeting as a tool for preplanning of work and enforcing schedules and for establishing procedures, responsibilities, and identification of authority for all to clearly understand.

Identify party or parties responsible for follow-up on any problems, delay items or questions and document and implement the course for solution. Revisit each pending item at each subsequent meeting until resolution is achieved. Require all present to make any problems or delaying event known to those present for appropriate attention and resolution.

- (2) Shop Drawing Submittals/Approvals - Check Shop Drawings and implement procedures for submittal and transmittal to the Architect/Engineer of such drawings for action, and closely monitor their submittal and approval process. Provide copy of all correspondence to Owner. Construction Manager will provide one (1) approved Submittal or Shop Drawing to Owner.
- (3) Material and Equipment Expediting - Closely monitor material and equipment deliveries; implement inspection and follow-up procedures on commitments of all Suppliers and Subcontractors.
- (4) Payments to Subcontractor - Develop and implement a procedure for review, processing, and payment of applications by Subcontractors for progress and final payments.
- (5) Document Interpretation - Refer all questions for interpretation of the documents prepared by the Architect/Engineer to the Architect/Engineer.
- (6) Reports and Project Site Documents - Record the progress of the Project. Submit written progress reports to the Owner and the Architect/Engineer including information on the Subcontractor's work, and the percentage of completion. Keep a daily log available to the Owner, the Architect/Engineer and the Permitting Authority inspectors.
- (7) Substantial Completion - The Construction Manager shall secure the Certificate of Occupancy and notify the Owner and Architect/Engineer, in writing, that the Project will be ready for inspection to determine if it is substantially complete and ready for inspection on or after a specific date, which date shall be stated in the notice. The notice shall be given at least seven (7) calendar days in advance of said date. Inspection and testing shall take place at time(s) mutually agreeable to the Construction Manager, Architect/Engineer and Owner. The inspection will be conducted jointly between the Architect/Engineer, Owner and Construction Manager's representative. The inspection shall determine if substantial completion has been accomplished and the Architect/Engineer shall produce a Certificate of Substantial Completion (**Attachment "J"**) and a written list of unfinished Work and defective work, commonly referred to as a "Punch List", which must be finished and corrected to obtain final completion.

At the Owner's option a specific area or segment of the project may be inspected and/or determined substantially complete.

- (8) Final Completion - The Construction Manager shall notify the Architect/Engineer and Owner, in writing, that the Project will be ready for final inspection on or after a specific date, which date shall be stated in the notice. This notice shall be given at least seven (7) calendar days in advance. That inspection and any necessary testing shall be conducted in the same manner as the inspection for Substantial Completion. When the Project is finally and totally complete, including the elimination of all defects, a Certificate of Final Completion (**Attachment "K"**) will be issued by the Architect/Engineer and the Project shall be submitted to the Owner for final acceptance.

The Owner and Architect/Engineer shall conduct the inspections. The Owner may elect to have other persons of its choosing also participate in the inspections. If one or more re-inspections are required, the Construction Manager shall reimburse the Owner for all costs of re-inspection or, at the Owner's option, the costs may be deducted from payments due to the Construction Manager. The Total Project Schedule shall include these notices and inspections as activities.

The Construction Manager shall secure and transmit to the Architect/Engineer all required guarantees, affidavits, releases, bonds and waivers, manuals, record drawings, and maintenance books as part of final completion (in triplicate) unless stated otherwise in the Project specifications.

- (9) Start-Up - With the Owner's personnel, direct the checkout of utilities, operations, systems and equipment for readiness and assist in their initial start-up and testing by the subcontractors.
- (10) Record Drawings - The Construction Manager shall monitor the progress of Work on marked-up field prints which, at Substantial Completion, shall be submitted to the Architect/Engineer who will prepare the final record drawings.
- (11) Administrative Records - The Construction Manager will maintain at the job site on a current basis, files and records such as, but not limited to the following:

Contracts and Purchase Orders
Shop Drawing Submittal/Approval Logs
Equipment Purchase/Delivery Logs
Contract Drawings and Specifications with Addenda

Cost Proposal Requests
Meeting Minutes
Lab Test Reports
Contract Changes
Material Purchase Delivery Logs
"As-Built" Marked Prints
Monthly Progress Reports
Correspondence Files
Transmittal Records
Inspection Reports
Punch Lists

The Project records shall be available at all times to the Owner and Architect/Engineer for reference or review.

(12) Owner Occupancy:

The Construction Manager shall provide services during the Construction Phase which will provide a smooth and successful Owner occupancy of the Project. The Construction Manager shall provide consultation and project management to facilitate Owner occupancy and provide transitional services to get the work, as completed by the contractors "on line" in such conditions as will satisfy Owner operational requirements.

The Construction Manager shall conduct the Construction Manager's preliminary punch list inspection and coordinate the completion of all punch list work to be done with Owner occupancy requirements in mind.

The Construction Manager shall catalog operational and maintenance requirements of equipment to be operated by maintenance personnel and convey these to the Owner in such a manner as to promote their usability (in triplicate). The Construction Manager shall provide operational training, in equipment use, for building operators to a maximum of eight (8) hours.

The Construction Manager shall secure required guarantees and warranties, assembled and organized (in a binder) and deliver same, in triplicate, to the Owner in a manner that will facilitate their maximum enforcement and assure their meaningful implementation.

The Construction Manager shall continuously review "As-Built" Drawings and mark-up progress prints to provide as much accuracy as possible.

(13) Warranty - Where any work is performed by the Construction Manager's own forces or by Subcontractors under contract with the Construction Manager, the Construction Manager shall warrant that all materials and equipment included in such Work will be new except where indicated otherwise in Contract Documents, and that such Work will be of good

quality, free from improper workmanship and defective materials and in conformance with the Drawings and Specifications. With respect to the same Work, the Construction Manager further agrees to correct all work found by the Owner to be defective in material and workmanship or not in conformance with the Drawings and Specifications for a period of one (1) year from the Date of Final Completion or as may be set forth with respect to specific warranties contained in the trade sections of the Specifications. The Construction Manager shall collect and deliver to the Owner any specific written warranties given by others as required by the Contract Documents. **Also, the Construction Manager shall conduct, jointly with the Owner and the Architect/Engineer, a warranty inspection nine (9) months after the date of Owner Occupancy. This warranty inspection will be scheduled by a representative of the Owner.**

ARTICLE 3

OWNER'S RESPONSIBILITIES

- 3.1 Owner's Information - The Owner shall provide full information regarding Owner's requirements for the Project.
- 3.2 Owner's Representative/Project Director - The Owner shall designate a representative who shall be fully acquainted with the Project and shall define the lines of Owner authority to approve Project Construction Budgets, and changes in Project. The Owner's representative shall render decisions promptly and furnish information expeditiously.
- 3.3 Architect and Engineer's Contract - The Owner shall retain an Architect/Engineer for design and to prepare construction documents for the Project. The Architect/Engineer's services, duties and responsibilities are described in the Contract between the Owner and the Architect/Engineer, a copy of which will be furnished to the Construction Manager upon request.
- 3.4 Approvals and Easements - The Owner shall pay for necessary approvals, easements, assessments and charges required for the construction, use or occupancy of permanent structures or for permanent changes in existing facilities.
- 3.5 Legal Services - The Owner shall furnish such legal services as may be necessary for providing the items set forth in Article 3 and such auditing services as the Owner may require.
- 3.6 Drawings and Specifications - The Owner will provide to the Construction Manager a reproducible set of all drawings and specifications reasonably necessary and ready for printing.

- 3.7 Cost of Surveys & Reports - The services, information, surveys and reports required by the above paragraphs shall be furnished with reasonable promptness in accordance with the approved schedule at the Owner's expense, and the Construction Manager shall be entitled to rely upon the accuracy and completeness thereof.
- 3.8 Project Fault or Defects - If the Owner becomes aware of any fault or defect in the Project or non-conformance with the drawings and specifications, the Owner shall give prompt written notice thereof to the Construction Manager and Architect/Engineer.
- 3.9 Funding - The Owner shall furnish, in accordance with the established schedule, reasonable evidence satisfactory to the Construction Manager that sufficient funds will be available and committed for the cost of each part of the Project.
- 3.10 Lines of Communication - The Owner and Architect/Engineer shall communicate with the Subcontractors or Suppliers only through the Construction Manager while such method of communication is effective in maintaining Project schedules and quality.
- 3.11 Lines of Authority - The Owner shall establish and maintain lines of authority for Owner's personnel and shall provide this definition to the Construction Manager and all other affected parties.
- 3.12 Permitting & Code Inspections - The Owner recognizes and coordinates with the Permitting Authority and expects the Construction Manager to do the same.

ARTICLE 4

PERMITTING AND INSPECTION

- 4.1 Permits, Fees and Notices - Unless otherwise provided in the Contract Documents, the Construction Manager shall secure and the Owner shall pay for any Brevard County building permit or other County permits and governmental fees and licenses necessary for proper execution of the Contract and which are legally required. Any other entity/jurisdiction permits (i.e.: City of Titusville, City of Melbourne, etc.) shall be included in the Guaranteed Maximum Price and secured and paid for by the Construction Manager. County Impact and Solid Waste fees will also be paid by the Owner. Copies of all permits shall be submitted to the Owner.
- 4.2 The Construction Manager shall comply with and give notices required by laws, ordinances, rules and regulations and lawful orders of public authorities bearing on performance of the work required for the Project.
- 4.3 It is not the Construction Manager's responsibility to ascertain that the Contract

Documents are in accordance with applicable laws, statutes, ordinances, building codes, and rules and regulations. However, if the Construction Manager observes that portions of the Contract Documents are at variance therewith, and such variance was not discoverable during the Construction Manager's review of these documents for the purpose of determining the GMP, the Construction Manager shall promptly notify the Architect and Owner, in writing, and necessary changes shall be accomplished by appropriate modification.

- 4.4 If the Construction Manager performs Work knowing it to be contrary to laws, statutes, ordinances, building codes, and rules and regulations without such notice to the Architect and Owner, the Construction Manager shall assume full responsibility for such Work and shall bear the attributable costs.

ARTICLE 5

SUBCONTRACTS

- 5.1 Definition - A Subcontractor is a person or organization who has a direct contract with the Construction Manager to perform any of the work. Nothing contained in the Contract Document shall create any contractual relation between the Owner or Architect/Engineer and any Subcontractor.
- 5.2 Bids/Proposals - The Construction Manager shall request and make every attempt to receive, at a minimum, three (3) bids/proposals from Subcontractors and Suppliers and will award those contracts to the most qualified and responsive low bidder after the Construction Manager and Owner have reviewed each bid/proposal and agree that the Subcontractor is qualified to perform the work.
- 5.3 Required Subcontractor and Subcontract Conditions.
- 5.3.1 Subcontractual Relations - By an appropriate written contract, the Construction Manager shall require each Subcontractor to the extent of the work to be performed by the Subcontractor, to be bound to the Construction Manager by the terms of the Contract Documents, and to assume toward the Construction Manager all the obligations and responsibilities which the Construction Manager by this Contract, assumes toward the Owner and the Architect/Engineer. Said contracts shall preserve and protect the rights of the Owner and Architect/Engineer under the Contract Documents with respect to the work to be performed by the Subcontractor so that the subcontracting thereof will not prejudice such rights. Where appropriate, the Construction Manager shall require each Subcontractor to enter into similar contracts with his Subcontractor's Subcontractor.
- The Construction Manager shall make available to each proposed Subcontractor, prior to the execution of the Subcontract, copies of the Contract Documents to which the Subcontractor will be bound by this Article 5.3 and identify to the

Subcontractor any terms and conditions of the proposed Subcontract which may be at variance with the Contract Documents. Each Subcontractor shall similarly make copies of such Documents available to his Sub-subcontractor.

- (1) Subcontractors must submit a complete pre-qualification form demonstrating their work experience, financial condition, and adherence to schedule. The Subcontractors financial condition must demonstrate that adequate fixed and liquid assets and equipment are available to properly perform the subcontract.
- (2) Workforce - The Subcontractor must agree to perform no less than fifty (50%) percent of the Project construction work utilizing its own forces.
- (3) All subcontracts shall provide:

a. **LIMITATION OF REMEDY - NO DAMAGES FOR DELAY**

That the Subcontractor's exclusive remedy for delays in the performance of the contract caused by events beyond its control, including delays claimed to be caused by the Owner or Architect/Engineer or attributable to the Owner or Architect/Engineer and including claims based on breach of contract or negligence, shall be an extension of its contract time.

In the event of a change in the work the Subcontractor's claim for adjustments in the contract sum are limited exclusively to its actual cost for such change, plus, no more than five percent (5%) for profit, and five percent (5%) for overhead.

The subcontract shall require the Subcontractor expressly agree that the foregoing constitute its sole and exclusive remedies for delays and changes in the work and thus eliminate any other remedies for claim for increase in the contract price, damages, loss or additional compensation.

- b. Each subcontract shall require that any claims by Subcontractor for delays or additional cost must be submitted to Construction Manager within the time and in the manner in which the Construction Manager must submit such claims to the Owner, and that failure to comply with the conditions for giving notice and submitting claims shall result in the waiver of such claims.

- 5.4 Responsibilities for Acts and Omissions - The Construction Manager shall be responsible to the Owner for the acts and omissions of its employees and agents and its Subcontractors, agents and employees, and all other persons performing any of the work or supplying materials under this contract to the Construction Manager.

ARTICLE 6

SCHEDULE, TIME OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

- 6.1 At the time a Guaranteed Maximum Price (GMP) is established, as provided for in Article 7, a Project Substantial Completion Date, a Project Final Completion Date and an Owner Occupancy Date for completion of the Project in accordance with the master Project schedule, shall also be established by the Construction Team. The Construction Manager agrees to complete the construction in accordance with the agreed upon Substantial Completion Date, Final Completion Date and Owner Occupancy Date. The Construction Manager acknowledges that failure to complete the Project within the construction time set forth in the approved schedule will result in substantial damages to the Owner.

It is specifically agreed by and between the parties that the Owner may deduct a sum in the amount scheduled below from the amount of compensation to be paid the Construction Manager, Sundays and Holidays included, that the Project remains uncompleted. This amount as scheduled and agreed upon as a proper measure of liquidated damages, which the Owner will sustain per day by failure of the Construction Manager to complete the Project by the time stipulated in this Contract, is not to be construed in any sense as a penalty provision.

Project Substantial Completion	\$500 per day
Project Final Completion	\$250 per day

Liquidated Damages will be assessed for each day beyond the contracted project Substantial Completion date, until actual project Substantial Completion is achieved. From the date of Substantial Completion, the Construction Manager shall be granted thirty (30) days for completion of punch list items, associated inspections and approvals, and submission and approval of required closeout documentation, at which time Final Completion shall be obtained. Final Completion liquidated damages will be assessed for each day beyond the thirty (30) days period from actual Substantial Completion.

- 6.2 The date of Owner Occupancy shall occur as described in Article 2.9(7) and Article 1.3, hereinabove. Warranties called for by this Contract or by the Drawings and Specifications shall commence on the Date of Final Completion of the Project unless specified otherwise in the Project Specifications.

ARTICLE 7

GUARANTEED MAXIMUM PRICE FOR CONSTRUCTION

- 7.1 The Construction Manager will establish and submit in writing a Guaranteed Maximum Price to the Owner for its approval, guaranteeing the maximum price to the Owner, for the construction cost of the Project or designated part thereof,

based on a review of the contract drawings and specifications. Such Guaranteed Maximum Price will be subject to increase or deduction for changes in the Project as provided in Article 10 and for Owner direct purchases, if any, in accordance with **Attachment "C"**. All costs in excess of the final approved GMP, as adjusted up or down in accordance with the terms of this contract, are the responsibility of the Construction Manager. Any savings between the GMP, as adjusted, and the sum of the actual cost of the Project plus the Construction Manager's fees, will be returned to the Owner. The GMP includes all taxes in the Cost of the Project which were legally enacted and in effect at the time the GMP was established.

7.2 Owner-Direct Purchases - In the event the Owner opts to make Owner Direct Purchases, as outlined in **Attachment "C"**, the Guaranteed Maximum Price shall be reduced by the cost of the materials plus applicable sales tax so that all sales tax savings accrue to the benefit of the project contingency. The Construction Manager shall diligently process all Owner Direct Purchase invoices for the project in order for the Owner to benefit from applicable vendor discounts. The Construction Manager will be required to submit all invoices to Owner in sufficient amount of time in order for the project to benefit from the vendor discount. All costs associated with missed discounts by the Construction Manager will be deducted from the Construction Manager's contract via deductive change order at project completion. Owner reserves the right to waive the Construction Manager's responsibility for missing discounts.

7.3 At the time of execution of the contract, the Construction Manager will verify the time schedule for activities and work which is adopted by the Construction Team and used to determine the Construction Manager's cost of work. Surplus funds from bids received below the applicable line items, including line items within the General Conditions, in the GMP will be set aside for contingency. Construction contingency funds will be used for the purpose of defraying the expenses due to unforeseen circumstances relating to construction. The Construction Manager will be required to furnish documentation evidencing expenditures charged to this contingency prior to the release of funds by the Owner. Documentation for use of the Contingency shall be determined by the Construction Team. The Architect/Owner shall verify and approve the actual costs.

If bids are received above the applicable line item in the GMP the deficiency will be taken from the contingency via an approved Authorization to Initiate Work/GMP Realignment form; however, such events shall not be cause to increase the GMP. If bids are not received for a portion of the work at or below the applicable line item amount in the GMP, the Construction Manager reserves the right to perform that portion of the work or negotiate for its performance for the specified line item lump sum amount or less.

ARTICLE 8

CONSTRUCTION MANAGER'S FEE

8.1 In consideration of the performance of the contract, the Owner agrees to pay the Construction Manager as compensation for his services fees as set forth in Subparagraphs 8.1.2 and 8.1.3. subject to the retainage specified in 8.1.1 below.

8.1.1 Construction Phase Fee - Prior to commencement of the Construction Phase, the Owner will direct the Construction Manager in writing to proceed into the Construction Phase. The Owner retains the right to review the need and effectiveness of any employee or employees assigned by the Construction Manager, should the Project Director question the need for the employee or employees. A percentage of the agreed upon Construction Phase Fee shall be paid monthly based on percentage (%) of work completed, less retainage, in accordance with subsection 12.1 below. The Construction Manager's first monthly Certificate for Payment shall be submitted no earlier than thirty (30) days following the issuance of the Notice to Proceed, and the final monthly payment shall be paid only when construction of the Project is finally completed, all original, final release of liens are received, closeout documentation has been submitted and occupancy of the Project accepted by the Owner. If construction is authorized only for a part of the Project, the fee paid shall be proportionate to the amount of work authorized by the Owner.

- (1) Adjustments in Fee - For changes in the Project as provided in Article 10, the Construction Phase fee shall be adjusted as follows:
 - (a) The Construction Manager shall be paid an additional fee subject to negotiation if the Construction Manager is placed in charge of reconstruction of an insured or uninsured loss excluding any condition that may have been caused from negligent acts by the Construction Manager, subcontractors or others for whose acts the Construction Manager is responsible.
- (2) Costs and Expenses Included in Construction Manager's Construction Phase Fee - The following are included in the Construction Manager's fee for services during the Construction Phase and are included in the GMP (See **Attachment "L"** for Allowable Costs, Overhead associated with the Construction Manager's Construction Phase Fee referenced in Article 8):
 - (a) Corporate costs including expenses and overhead and profit related to this project by the Construction Manager's principal and branch offices.
 - (b) Costs of all data processing, accounting, purchasing and associated staff which is performed at the home office.
 - (c) General operating expenses incurred in the management and supervision of the project, except as expressly included in Article 9.
 - (d) Salaries or other compensation of the Construction Manager's employees at his principal and branch offices.
 - (e) Those services set forth in Paragraph 2.1, 2.2, 2.3 and 2.4; except

- as expressly included in Article 9.
- (f) Relocation expenses for Construction Manager's personnel.
 - (g) Costs of all project estimating, safety, scheduling and accounting staff.

8.1.3 The Construction Manager will establish and submit in writing to the Owner for his approval a Guaranteed Maximum Price, guaranteeing the maximum price to the Owner, for the construction cost of the Project or designated part thereof, based on a review of the contract drawings and specifications. Such Guaranteed Maximum Price will be subject to modification for changes in the Project as provide in Article 10. However, the actual price paid for the Work by the Owner shall be (1) the Cost of the Project as defined in Article 9, plus the Construction Manager's fees, or (2) the GMP, whichever is less, when the Work is complete. All costs in excess of the final approved GMP are the responsibility of the Construction Manager.

ARTICLE 9

COST OF THE PROJECT

9.1 Definition - The term Cost of the Project shall mean costs reasonably and necessarily incurred in the Project during the Construction Phase for construction services and paid by the Construction Manager which are included in the Construction Phase Fee, less Owner direct purchases made in accordance with **Attachment "C"** upon completion of the Project. Such costs shall include the items set forth below in this Article, and shall also include, but are not limited to, those set forth in **Attachment "M"** - "Allowable General Conditions".

The Owner agrees to pay the Construction Manager for the Cost of the Project subject to the limits set forth in Articles 9.2 and 9.3 plus the Construction Manager's fees stipulated in Article 8, provided the total does not to exceed the GMP.

9.2 Direct Cost Items (See **Attachment "M"** - "Allowable General Conditions")

- (1) Labor wages paid for the on-site Project Superintendent directly responsible for the operation and supervision of the project, clerical and Quality Control personnel (as opposed to wages paid to management or supervisory personnel who are not part of the on-site project management) in the direct employ of the Construction Manager in the performance of the Construction Manager's work under this Contract, acceptable salary or wage schedules and such fringe benefits, if any, as may be payable with respect thereto (labor burden not to exceed 40% for payroll and 15% for per diem).

- (2) Payments due to Subcontractors from the Construction Manager or made by the Construction Manager to Subcontractors for their work performed pursuant to contract under this Contract.
- (3) Cost of the premiums for insurance above and beyond the minimum required by Brevard County (\$1 million) and cost of premiums for bonds which the Construction Manager is required to procure by this Contract specifically for the construction of this project.
- (4) Sales, use, gross receipts or similar taxes related to allowable direct costs of the Project imposed by a governmental authority, and for which the Construction Manager is liable. No costs shall be paid by the Owner to the Construction Manager for any expenses made necessary to correct defective workmanship or to correct any work not in conformance with the Plans and Specifications or to correct any deficiency or damage caused by negligent acts by the Construction Manager.
- (5) If approved by the Owner, the Construction Manager, when qualified, may self-perform all or a portion of the work for any item listed on the estimate or GMP breakdown where it is deemed advantageous due to schedule or economic benefit for the direct cost of the work.
- (6) Legal costs reasonably and properly resulting from prosecution of the Project for the Owner, including handling claims for changes by subcontractors and vendors, subject to the following limitations:
 - (a) The Owner approved incurring such costs in advance, which approval shall not be unreasonably denied; and
 - (b) The legal costs were not incurred as result of the Construction Manager's own negligence or default.
- (7) Costs for such temporary facilities during construction, as approved by the Owner, including temporary water, heat, power, sanitary facilities, telephones, radios and computers with software.

9.3 Allowances

Within the GMP, there may be specific items which the Construction Manager and Owner have agreed to include as allowances in the estimates until such time as the cost and schedule impact of these items can be more specifically ascertained. At the time that the Costs of the Work of allowance items becomes known (either through a subcontract price or by virtue of either (A) scope of work and cost agreed to by Construction Manager and Owner or (B) an actual buyout of the item), the GMP and Scheduled Completion Date will be adjusted (either increased or decreased) by the actual Costs of the Work and schedule impact of the item. With respect to increases and decreases to the amount of an allowance item, Construction Manager shall be entitled to the Construction Manager's fee,

subject to the limits set forth in Article 8, on the adjusted amount of such allowance, and the GMP shall be adjusted by reason thereof, by Change Order. Allowances must be agreed to by both parties. Allowances included within the GMP constitute approval of said allowances at the time the Guaranteed Maximum Price is approved.

9.4 Public Records Law and Audit Requirements

In the performance of this Contract, the Construction Manager shall keep books, records and accounts of all activities related to the Contract in compliance with generally accepted accounting procedures and in compliance with the Public Records Laws of the State of Florida (Including, but not limited to Chapter 119, Florida Statutes).

All records or documents created by Construction Manager or provided to Construction Manager by the County in connection with the activities or services provided by Construction Manager under the terms of this contract, are public records and Construction Manager agrees to comply with any request for such public records or documents made in accordance with section 119.07 Florida Statutes.

Records, documents, books and accounts ordinarily and necessarily required for the performance of this Contract shall be kept, maintained and open to inspection by the Owner, Owner's representative, and members of the public during regular business hours.

The Construction Manager shall provide the public with access to public records on the same terms and conditions that the public agency provides the records and at a cost that does not exceed the cost provided for in Florida Statute Chapter 119 or as otherwise provided by law (see also County Administrative Order, AO-47).

The Construction Manager shall also ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.

No reports, data, programs or other materials produced, in whole or in part for the benefit and use of the County, under this Contract shall be subject to copyright by Construction Manager in the United States or any other country.

The Construction Manager shall meet all requirements for retaining public records and shall transfer, at no cost, to the Owner/County all public records in possession of the Construction Manager upon termination of the contract and destroy any duplicate public records that are exempt or confidential and

exempt from public records disclosure requirements. All records stored electronically must be provided to the Owner/County in a format that is compatible with the information technology systems of the Owner/County.

Failure to comply with the provisions of this Section 9.4, shall result in the Owner taking enforcement action against the Construction Manager including the cost to the Owner for gaining the Construction Manager's compliance which will include, but are not limited to, the gross hourly rate of the Owner's employee(s) contacts to the Construction Manager to obtain compliance with this section, litigation filing fees and attorney's fees.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS FOR THE FACILITIES DIVISION, MARY BOWERS AT (321) 633-2050, mary.bowers@brevardfl.gov, 2725 Judge Fran Jamieson Way, Suite A207, Viera, FL 32940.

ARTICLE 10

CHANGES IN THE PROJECT

- 10.1 Change Orders - The Owner, without invalidating this Contract, may order Changes in the Project within the general scope of this Contract consisting of additions, deletions or other revisions which may cause an increase or decrease in the GMP, and/or the Construction Completion Date. All changes in the Project GMP or Construction Completion Date not covered by an authorized contingency, as described in Article 7.3 must be authorized by a written Change Order or Construction Change Directive, and signed by the Owner, Architect and Construction Manager before the change is implemented. It shall be the Owner's discretion as to whether each change order requires the A/E signature. **Maximum allowable mark-up on any change order is 5% Profit, 5% Overhead, and a 2% Bond.**
- 10.1.1 A Construction Change Directive is a change directive signed by the Project Director and the County Manager directing an addition, deletion, or revision in the scope of work and/or schedule. The Construction Change Directive is necessary when no Contract exists among the Architect/Engineer of record, Brevard County and the Construction Manager on the dollar amount of a necessary change in the scope of work and/or an extension of time to the construction contract. The Construction

Change Directive is used (1) when an unsafe, hazardous or other similar condition exists, (2) when failure to achieve prompt resolution of the change will result in a demobilization of the Construction Manager, its subcontractors and/or agents, (3) when failure to achieve prompt resolution will result in additional cost, and/or a significant delay in completing the project. A Construction Change Directive does not change the contract price or the contract time, but is evidence that the parties expect that the change will be incorporated in a subsequently issued Change Order or be covered by an authorized contingency.

10.1.2 A Change Order is a written order to the Construction Manager signed by the Owner, Architect, and Construction Manager, issued after the execution of this Contract, authorizing a change in the Project and/or an adjustment in the construction authorization, the Construction Manager's fee, or the Construction Completion date. Each adjustment in the GMP resulting from a change order shall be documented clearly to separate the amount attributable to the cost of the change in the Project from the original cost of the Project.

10.1.3 The increase or decrease in the Guaranteed Maximum Price resulting from Change Orders in the Project shall be determined by one of the following ways:

- (1) by mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation by the Architect/Engineer and Owner;
- (2) by unit prices stated in the Contract or subsequently agreed upon;
- (3) by cost as defined in Article 9 plus a mutually acceptable fixed or percentage fee; or
- (4) by the method provided in Subparagraph 10.1.4.

10.1.4 If none of the methods set forth in Clause 10.1.3 is agreed upon, the Construction Manager, provided he receives a written order signed by the Owner, shall promptly proceed with the work required by the Construction Change Directive involved. The cost of such work shall then be determined on the basis of the reasonable expenditures and savings of those performing the work attributed to the change. However, in the event a Change Order is issued under these conditions, the Architect/Engineer will establish an estimated cost of the work and the Construction Manager shall not perform any work whose cost exceeds that estimate without prior written approval by the Owner. In such case, and also under Article 10.1.3 above, the Construction Manager shall keep and present, in such forms as the Owner may prescribe, an itemized accounting together with appropriate supporting data of the increase in the Cost of the Project as outlined in Article 9. The amount of decrease in the Guaranteed Maximum Price to be allowed by the Construction Manager to the Owner for any

deletion or change which results in a net decrease in cost will be the amount of the actual net decrease in the Cost of the Project and the Construction Manager's fee subject to the limits set forth in Article 7.

10.1.5 If unit prices are stated in the Contract or subsequently agreed upon and if the quantities originally contemplated are so changed in a proposed Change Order that application of the agreed unit prices to the quantities of Work proposed will cause substantial inequity to the Owner or the Construction Manager, the applicable unit prices and Guaranteed Maximum Price shall be equitably adjusted.

10.1.6 Should the Construction Manager or his contracted subcontractors encounter:

- (1) concealed conditions in the performance of the Work below the surface of the ground; or
- (2) concealed or unknown conditions in an existing structure be at variance with the conditions indicated by the Drawings, Specifications, or Owner furnished information; or
- (3) unknown physical conditions below the surface of the ground; or
- (4) concealed or unknown conditions in an existing structure of an unusual nature;

differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in this Contract, then the Guaranteed Maximum Price and the Construction Completion date shall be equitably adjusted by Change Order upon a request for Change Order in accordance with Article 10.2. and Article 11.

Upon discovery of concealed or unknown conditions, the Construction Manager shall notify the Owner and Architect/Engineer within twenty four (24) hours of discovery, and not proceed with Work until such notice has been given and a response is issued by the Owner. The Architect/Engineer will evaluate the alleged unknown or concealed condition and, if warranted, recommend to the Owner that the GMP and schedule be increased or decreased accordingly. No claim under this Article may be made unless notice, as herein provided, is given prior to Work being performed. No equitable adjustment shall be permitted if this notice provision is not complied with.

Within ten (10) calendar days of submitting its Notice, the Construction Manager shall submit to the Owner its Request for Change Order, which shall include a written statement of all details of the claim, including a description of the work affected. Within thirty (30) days from Notice, the Construction Manager shall submit detailed schedule impact and detailed cost analysis indicating quantities, unit prices, etc.

10.1.7 The Construction Manager shall review any Owner directed change and shall respond in writing within seven (7) calendar days after receipt of the proposed change (or such other reasonable time as the Owner may direct), stating the effect of the proposed change upon the Construction Manager's Work, including any increase or decrease in the contract time or price. The Construction Manager shall furnish to the Owner an itemized breakdown of the quantities and prices used in computing the change in Contract price.

The Owner and Architect/Engineer shall review the Construction Manager's proposal and respond to the Construction Manager within seven (7) calendar days of receipt. If a change to the Contract price and time for performance are agreed upon, both parties shall sign the Change Order. Changes to the Contract time and/or price shall be effective when signed by both parties. It shall be the Owner's discretion as to whether each change order requires the A/E signature.

10.2 **Claims for Additional Cost or Time**

All claims for additional cost or time shall be made by request for a change order submitted as provided in Article 16.

10.2.1 If the Construction Manager is delayed at any time in the progress of the work by any act or neglect of the Owner or the Architect or of any employee of either or by any separate Construction Manager employed by the Owner or by any changes ordered in the work by labor disputes, fire, or unusual delay in transportation, unavoidable casualties or any causes beyond the Construction Manager's control or by delay authorized by the Owner pending resolution or disputes, and such delay extends the completion date, the Substantial Completion shall be extended by Change Order for such reasonable time as the Construction Team may determine.

10.2.2 All change orders must indicate that the Contract Time for Completion is not changed or is either increased or decreased by a specific number of days. The previous Time for Completion and, if there is one, the new Time for Completion must be stated. The Construction Manager must provide written justification for an extension of the Time for Completion to the Architect/Engineer and to the Owner. The written justification must demonstrate an anticipated actual increase in the time required to complete the Work beyond that allowed by the Contract as adjusted by prior change orders or amendments to the Contract, not just an increase or decrease in the time needed to complete some portion of the total Work. No increase to the Time for Completion shall be allowed unless the additional or changed Work increases the length of the critical path. Approved increases in time required to complete the Work shall be added to the Time for Completion. Decreases in time as a result of the change

order shall be demonstrated by a decrease in the critical path of the Work if CPM scheduling is properly used and updated by the Construction Manager. If no CPM is used the Owner shall determine the appropriate decrease by the best means possible. Approved decreases in the time needed to complete the Work shall be deducted from the Contract completion date. The change to time and Contract price allowed by each change order shall include all time and monetary impacts of the change, whether the change order is considered alone or with all other changes during the course of the project. Failure to include a change to time and Contract price in a change order shall waive any change to the time and Contract price unless the parties mutually agree in writing to postpone a determination of the change to time and price resulting from the change order. Such a determination may be postponed not more than forty five (45) days to give the Construction Manager an opportunity to demonstrate a change in the time and price needed to complete the Work.

Only delays which are determined to extend the critical path for the schedule for constructing the Project will result in a time extension. Neither the Owner nor the Construction Manager shall be considered to own the schedule float time.

10.3 Minor Changes in the Project (Realignment of Work)

The Owner and/or Architect/Engineer will have authority to order minor changes in the Project not involving an adjustment in the Guaranteed Maximum Price or an extension of the Construction Completion Date and not inconsistent with the intent of the Drawings and Specifications. Such changes shall be affected by written order. Documentation of changes shall be determined by the Construction Team, and included in the Project Manual. Changes shall be approved by the Project Director, Architect/Engineer. It shall be the Owner's discretion as to whether a Realignment of Work requires the A/E signature. All changes or realignments of work performed within the Guaranteed Maximum Price will not include overhead, profit or General Condition additional costs, since costs are absorbed within the Guaranteed Maximum Price (GMP).

- 10.4 In any emergency affecting the safety of persons or property, the Construction Manager shall act at his discretion, to prevent threatened damage, injury or loss. Any increase in the Guaranteed Maximum Price or extension of time claimed by the Construction Manager on account of emergency work shall be determined as provided in Article 10.

ARTICLE 11

DISCOUNTS

- 11.1 All discounts for prompt payment shall accrue to the Owner to the extent the Cost of the Project is paid directly by the Owner or from a fund made available by the

Owner to the Construction Manager for such payments.

To the extent the Cost of the Project is paid with funds of the Construction Manager, all cash discounts shall accrue to the Construction Manager. All trade discounts, rebates and refunds, and all returns from sale of surplus materials and equipment, shall be credited to the Cost of the Project.

ARTICLE 12

PAYMENTS TO THE CONSTRUCTION MANAGER

- 12.1 Monthly Statements - The Construction Manager shall submit to the Owner a sworn statement along with the Certificate for Payment, showing in detail all monies paid out, cost accumulated or costs incurred on account of the Cost of the Project during the previous period and the amount of the Construction Manager's fees due as provided in Article 8. This data shall be attached to the Certificate for Payment Form shown in **Attachment "N"**, and shall include, but not be limited, to the following:
- Daily Reports;
 - Updated Project Schedule;
 - Daily Red line As-Builts review;
 - Provide a billing report with each payment application that shows a breakdown of costs incurred by line item. This report should correspond with the amounts being charged on the Schedule of Values.
 - Provide backup copies of all invoices that the County is being billed for, including vendor invoices, payments to subcontractors, cell phone statements, insurance, petty cash receipts, etc. These invoices should be coded by the line item that they correspond to on the billing report and Schedule of Values.
 - Provide backup copies and documentation of all costs incurred under General Conditions.
 - Provide backup copies of all payroll that details which labor amounts were paid to whom on a weekly basis.
 - Provide copies of all subcontractor contracts.
 - * The amounts charged on the Payment Application must be accurate and correspond with the total dollar amount of backup provided by the Construction Manager.

Payment by the Owner to the Construction Manager of the statement amount shall be made in accordance with Florida Statute 218.735.

Ten percent of each payment shall be held by the OWNER as retainage until 50-percent completion of such Project, which shall be deemed to have occurred when 50% of the GMP, as increased

or decreased from time to time, has been expended. At that time, the retainage shall be reduced to 5% and the Construction Manager shall be entitled to request payment or release of up to 50% of the previously withheld retainage amounts, provided the retainage is not the subject of a good faith dispute, the subject of a claim brought pursuant to s. 255.05, Florida Statutes or otherwise the subject of a claim or demand by the OWNER.

Owner may refuse to certify payment and withhold a Certificate for Payment in whole or in part, in accordance with subsection(s) above, to such extent as may be reasonably necessary to protect the Owner from loss because of:

- (1) defective work not remedied;
- (2) third party claims filed or reasonable evidence indicating probably filing of such claims;
- (3) failure of Construction Manager to make payments properly to subcontractors, consultants, or for labor, materials or equipment;
- (4) evidence that the Project cannot be completed for the unpaid balance of the GMP, as adjusted;
- (5) evidence that the Work will not be completed by the Scheduled Completion Date, as adjusted, and that the unpaid balance would not be adequate to cover the liquidated damages for the anticipated delay;
- (6) failure to carry out the Work of the Project in accordance with the Contract Documents; or

If the Owner is unwilling to certify payment in the amount of the Application for Payment submitted by the Construction Manager, Owner will provide Construction Manager with written reasons for its refusal, within three (3) calendar days. If Construction Manager and Owner cannot agree on a revised amount, Owner will, within one (1) day of the aforesaid notification, promptly issue a Certificate for Payment as to the undisputed amount with respect to which Owner concurs.

12.2 Final Payment - Final payment constituting the unpaid balance of the Cost of the Project and the Construction Manager's fee, shall be due and payable in accordance with Florida Statutes after an *acceptable* Certificate of Final Completion has been issued **and all contractual closeout obligations have been met by the Construction Manager**. Before issuance of final payment, the Construction Manager, subcontractors and agents shall submit original, sworn, notarized statements that all payrolls, material bills, and other indebtedness connected with the Project have been paid or otherwise satisfied, warranty information is complete, Final As-Builts in AutoCad format acceptable to the Owner, have been submitted and instruction and documentation for the Owner's operating and maintenance personnel is complete.

12.3 Payments for Materials and Equipment - Payments will be made for material and

equipment not incorporated in the work but insured, itemized, delivered and suitably stored at the site or another location subject to prior approval and acceptance by the Owner on each occasion.

- 12.4 Withholding Payments to Subcontractors - The Construction Manager shall not withhold payments to Subcontractors if such payments have been made to the Construction Manager. Should this occur for any reason, the Construction Manager shall immediately return such monies to the Owner, adjusting pay requests and project bookkeeping, as required.

ARTICLE 13

INSURANCE, INDEMNITY WAIVER OF SUBROGATION

- 13.1 (1) Indemnification - The Construction Manager agrees to indemnify and hold harmless the County and their employees from all claims, losses and expenses, arising out of or resulting from the performance of the products or services to be contracted, provided such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease, death or personal injury, or to property damage, including loss of use resulting therefrom, (but not loss of use for which liquidated damages are assessed under the Contract) and (2) is caused in whole or in part by any negligent act or omission of the Construction Manager, any subcontractor, any of their employees and/or agents in the performance of this contract. The Construction Manager agrees that it will pay the costs of the County's legal defense, including fees of attorneys as may be selected by the County, and shall defend, satisfy, and pay any judgments which may be rendered against the County in connection with the above hold harmless contract. The Construction Manager acknowledges specific consideration has been received for this hold harmless/indemnification provision.
- (2) The Owner shall cause any other Construction Manager who may have a contract with the Owner to perform construction or installation work in the area where work will be performed under this Contract, to agree to indemnify the Owner and the Construction Manager and hold them harmless from all claims for bodily injury and property damage (other than property insured under Paragraph 13.2(3)) that may arise from the Construction Manager's operations.

Loss Deductible Clause - Brevard County Board of County Commissioners shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the Construction Manager and/or Subcontractor providing such insurance.

13.2 Insurance

- (1) The Construction Manager shall not commence any construction work in connection with this Contract until the Construction Manager has obtained all of the following types of insurance and such insurance certificate(s) have been submitted to the Owner and have been approved by the Owner, nor shall the Construction Manager allow any Subcontractor to commence work on his subcontract until all insurance required of the Subcontractor has been so obtained and approved. All insurance policies shall be with insurers qualified and doing business in the State of Florida.
- a. Workers' Compensation and Employer's Liability Insurance - Workers Compensation insurance providing statutory benefits as required in the State of Florida. The Contractor shall require any subcontractor to provide evidence of this coverage. Additionally, if the contract requires working on or around a navigable waterway, the Contractor and all subcontractors shall provide evidence of United States Longshoremen's and Harbor Workers (USL&H) coverage and contingent coverage of Jones Act (Marine Employers Liability) in compliance with Federal statutes or proof of exemption. The Contractor shall be responsible for compliance with these requirements by each subcontractor, vendor or supplier.
 - b. Commercial General Liability - Including but not limited to bodily injury, property damage and personal injury with limits of not less than \$1,000,000.00 combined single limit per occurrence, including products and completed operations, to include:
 1. "XCU" (Explosion, Collapse, Underground Damage) - The Construction Manager's Liability Policy shall provide "XCU" coverage.
 2. Broad Form Property Damage Coverage, Products and Completed Operations Coverage - The Construction Manager's Liability Policy shall include Broad Form Property Damage Coverage, Products and Completed Operations Coverages.
 3. Contractual Liability Work Contracts - The Construction Manager's Liability Policy shall include Contractual Liability Coverage designed to protect the Construction Manager for contractual liabilities assumed by the Construction Manager in the performance of this Contract.
 - c. Automobile Liability - Including bodily injury, property damage liability for all vehicles owned, hired, leased and non-owned with limits of not less than \$1,000,000.00 combined single limit, per

accident.

- d. Performance and Payment Bonds - With limits of not less than 100% of the total construction cost of this project. Payment and Performance Bond shall be recorded in the official record of the County in which the project is located. These bonds shall remain in effect at least until one (1) year after the date when the final payment is approved. Any bonding company submitting a Bid Bond, Performance Bond or Payment Bond to Brevard County must be licensed to transact a fidelity and surety business in the State of Florida, and hold a Certificate of Authority from the Secretary of the Treasury under Act of Congress, approved by July 30, 1947 (U.S.C. 613), and approved by Brevard County. Acceptable surety companies shall be licensed to do business in Florida and shall have an A.M. Best Rating of "A-" and financial size V or higher.
- e. Builder's Risk Coverage - The Construction Manager shall take out and maintain during the life of this Contract a "Builder's Risk Policy" completed value form as a cost of the Project, issued to provide coverages on an "all risk" basis including theft. This coverage shall not be lapsed or canceled because of partial occupancy by the Owner prior to final acceptance of the Project.

The Construction Manager shall require each of his Subcontractors to procure and maintain insurance during the life of the respective subcontracts.

- (2) Certificate of Insurance - The Owner shall be furnished proof of coverage of Insurance as follows:

Certificate(s) of Insurance will be furnished to the Owner within five (5) days of Notice to Proceed. These shall be completed and signed by the authorized Resident Agent, and shall be dated and show:

- (1) The name of the insured Construction Manager, the specific job by name and job number, the name of the insurer, the number of the policy, its effective date, and its termination date.
- (2) The General Liability and Auto Liability certificates of insurance shall indicate that the policies have been endorsed to cover the County as an additional insured to the extent of liability assumed by the Construction Manager under this Contract, and that these policies may not be canceled or modified without thirty (30) days prior written notice to the County.
- (3) The insurance coverages enumerated above constitute the

minimum requirements and shall in no way lessen or limit the liability of the Construction Manager under the terms of the Contract.

*Certificates of Insurance shall be submitted to the Owner within five (5) days of Notice to Proceed, and no work shall commence on site until all submitted Certificates of Insurance are acceptable to the Owner.

13.3 Waiver of Subrogation

- 13.3.1 The Owner and the Construction Manager waive all rights against each other, for damages caused by perils covered by insurance provided under Article 13.2 to the extent covered by such insurance except such rights as they may have to the proceeds of such insurance held by the Owner and Construction Manager as trustees. The Construction Manager shall require similar waivers from all Subcontractors and their Sub-subcontractors.
- 13.3.2 The Owner and Construction Manager waive all rights against each other for loss or damage to any equipment used in connection with the Project and covered by any property insurance. The Construction Manager shall require similar waivers from all subcontractors and their sub-subcontractors.
- 13.3.3 The Owner waives subrogation against the Construction Manager on all property and consequential loss policies carried by the Owner on adjacent properties and under property and consequential loss policies purchased for the Project after its completion.
- 13.3.4 If the policies of insurance referred to in this Article require an endorsement to provide for continued coverage where there is a waiver of subrogation, the Owner of such policies will cause them to be so endorsed. Failure to obtain proper endorsement nullifies the waiver of subrogation.

ARTICLE 14

TERMINATION OF THE CONTRACT AND OWNER'S RIGHT TO PERFORM CONSTRUCTION MANAGER'S OBLIGATION

- 14.1 Termination by the Construction Manager - If the Project is stopped for a period of thirty (30) days under an order of any court or other public authority having jurisdiction or as a result of an act of government, such as a declaration of a national emergency making materials unavailable, through no act or fault of the Construction Manager, or if the Project should be stopped for a period of thirty

(30) days by the Owner, then the Construction Manager may, upon seven (7) days written notice to the Owner, request undisputed payment for all work executed, the Construction Manager's fee earned to date, and for any proven loss sustained upon any materials, equipment, tools, construction equipment, and machinery, including reasonable profit, damages and terminal expenses incurred by the Construction Manager.

14.2 Owner's Right to Perform Construction Manager's Obligations and Termination by Owner for Cause -

- (1) If the Construction Manager fails to perform any of its obligations under this Contract, the Owner may, after seven (7) days written notice during which period the Construction Manager fails to perform such obligations, make good such deficiencies. The GMP, or the actual cost of the Project, whichever is less, shall be reduced by the cost to the Owner to making good such deficiencies and the Construction Manager's Construction Phase Fee shall be reduced by an amount required to manage the making good of such deficiencies.
- (2) If the Construction Manager is adjudged a bankrupt, or if he makes a general assignment for the benefit of his creditors, or if a receiver is appointed on account of his insolvency, or if he persistently or repeatedly refuses or fails, except in case for which extension of time is provided, to supply enough properly skilled workmen or proper materials and fails to maintain an established schedule (failure to maintain schedule shall be defined as any activity on the critical path that falls forty-five (45) days or more behind schedule) which has been adopted by the Construction Team, or if he fails to make prompt payment to subcontractors for materials or labor, or persistently disregards laws, rules, ordinances, regulations, or orders of any public authority having jurisdiction, or otherwise is guilty of a substantial violation of a provision of the Contract, then the Owner may, without prejudice to any right or remedy and after giving the Construction Manager and his surety, if any, seven (7) days written notice, during which period Construction Manager fails to cure the violation, terminate the employment of the Construction Manager and take possession of the site and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Construction Manager, and may finish the Project by whatever method he may deem expedient. In such case, the Construction Manager shall not be entitled to receive any further payment until the Project is finished nor shall he be relieved from his obligations assumed under Article 7. Reasonable termination expenses incurred by the Owner may be deducted from any payments left owing the Construction Manager (excluding monies owed the Construction Manager for subcontract work).

14.3 Termination by Owner for Convenience

- (1) If the Owner terminates this Contract other than pursuant to Article 14.2(2) or Article 14.3(2), he shall reimburse the Construction Manager for any unpaid cost of the Project due him under Article 9, plus that part of the unpaid balance of the Construction Phase Fee in an amount as will increase the payment on account of his fee to a sum which bears the same ratio to the Construction Phase Fee as the Cost of the Project at the time of termination bears to the Guaranteed Maximum Price, if established, otherwise to the Owner's Construction Budget. The Owner shall also pay to the Construction Manager fair compensation, either by purchase or rental at the election of the Owner, for any equipment retained. In case of such termination of Contract the Owner shall reimburse the Construction Manager for obligations and commitments made before notice of termination was received by the Construction Manager.
- (2) After the establishment of the Guaranteed Maximum Price or at the completion of the Construction Phase, if the final cost estimates or lack of legislative funding make the Project no longer feasible from the standpoint of the Owner, the Owner may terminate this Contract and pay the Construction Manager his proportionate fee due in accordance with Article 8.1, plus any costs incurred pursuant to Articles 9 and 10.
- (3) Any termination by Owner for cause which is later determined to be invalid shall be considered a termination by Owner for convenience.

14.4 Termination for Prohibition Against Contracting With Scrutinized Companies

- (1) The Construction Manager certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List. Pursuant to Section 287.135, F.S., the Owner may immediately terminate this Contract at its sole option if the Construction Manager or its subcontractors are found to have submitted a false certification; or if the Construction Manager, or its subcontractors are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of the Contract.

If this Contract is for more than one million dollars, the Construction Manager certifies that it and its subcontractors are also not on the Scrutinized Companies with Activities in Sudan, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria as identified in Section 287.135, F.S. Pursuant to Section 287.135, F.S., the Owner may immediately terminate this Contract at its sole option if the Construction Manager, its affiliates, or its subcontractors are found to have submitted a false certification; or if the Construction Manager, its affiliates, or its subcontractors are placed on the

Scrutinized Companies that Boycott the Scrutinized Companies with Activities in Sudan List, or Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or engaged with business operations in Cuba or Syria during the term of the Contract.

The Construction Manager agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Contract.

(2) As required by § 287.135(5), Florida Statutes, prior to entering into an contract/contract (formal contract or purchase order in excess of \$1 million dollars to provide goods or services to Owner/Brevard County, individual with authority to execute this Contract for the Construction Manager shall file a sworn statement with the contracting officer or Purchasing Director, as applicable verifying that none of the three conditions above exist. If the Construction Manager is found to have falsified the affidavit attached as **Attachment "O"**, the County/Owner may terminate the contract.

(3) If subsequent to the submittal of the attached affidavit, the Construction Manager (1) has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel; (2) is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List; or (3) is engaged in business operations in Cuba or Syria, the County/Owner may terminate the contract.

ARTICLE 15

ASSIGNMENT AND GOVERNING LAW

- 15.1 Neither the Owner nor the Construction Manager shall assign his interest in this Contract without the written consent of the other except as to the assignment of proceeds.
- 15.2 This Contract shall be governed by the Laws of the State of Florida.
- 15.3 Venue and Attorney's Fees: Venue for any legal action brought by any party to this Contract to interpret, construe or enforce this Contract shall be in a court of competent jurisdiction in and for Brevard County, Florida. In the event of any legal action to enforce the terms of this Contract, each party shall bear its own attorney's fees and costs and any trial shall be non-jury.
- 15.4 Severability: If any provision of this Contract is held by a Court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force without being impaired.

ARTICLE 16

NOTICE OF CLAIM: WAIVER OF REMEDIES; NO DAMAGES FOR DELAY; DISPUTE RESOLUTION

16.1 The Owner's liability to Construction Manager for any claims arising out of or related to the subject matter of this contract, whether in contract or tort, including, but not limited to, claims for extension of construction time, for payment by the Owner of the costs, damages or losses because of changed conditions under which the work is to be performed, or for additional work, shall be governed by the following provisions:

- (a) All claims must be submitted as a Request for Change Order in the manner as provided herein;
- (b) If the Construction Manager claims that any instructions given to him by the Architect/Engineer or by the Owner, by drawings or otherwise, involve extra Work not covered by the Contract and not discoverable with a review of the plans and specifications, then, except in emergencies endangering life or property, Construction Manager shall give the Architect/Engineer and the Owner written notice thereof before proceeding to execute the Work. Said notice shall be given promptly enough to avoid delaying the Work and in no instance later than twenty (20) calendar days after the receipt of such instructions.

The Construction Manager must submit a Notice of Claim to the Owner and to the Architect/Engineer within twenty (20) days of when the Construction Manager was or should have been aware of the occurrence of the event giving rise to the claim; and

- (c) Within ten (10) days of submitting its Notice of Claim, the Construction Manager shall submit to the Owner its Request For Change Order, which shall include a written statement of all details of the claim, including a description of the work affected. Within thirty (30) days from the Notice of Claim the Construction Manager shall submit a detailed schedule impact and detailed cost analysis indicating quantities, unit prices, etc. establishing the basis for the amount of the claim.

The Construction Manager agrees that the Owner shall not be liable for any claim that the Construction Manager fails to submit as a Request for Change Order as provided in this section.

16.2 After receipt of a Request for Change Order, the Owner, in consultation with the Architect/Engineer, shall deliver to the Construction Manager its written determination of the claim. As to disputed matters subject to the determination by final Owner action (not actions for breach of contract or tort) the Owner's written

decision following compliance with the dispute resolution procedure set forth in sections 16.4 through 16.6 below shall be final Owner action.

- 16.3 For work the Construction Manager performs with its own forces, and in addition to the adjustments provided for in Article 8, the Construction Manager's exclusive remedy for delays in performance of the construction caused by events beyond its control, including delays claimed to be caused by or attributable to the Owner or the Architect/Engineer, including claims based on breach of contract or negligence, shall be a claim submitted in compliance with Article 16.1 above, for an extension of the scheduled construction time. In the event of a change in such work that will modify the GMP, the Construction Manager's claim for adjustment in contract sum are limited exclusively to its actual costs for such changes, including costs involved in claim preparation, plus five percent (5%) overhead, five percent (5%) profit and a two percent (2%) bond in the General Conditions. The Construction Manager expressly agrees that the foregoing constitute its sole and exclusive remedies for delays and changes in such work, and eliminate any other remedies for claim for increase in the contract price, delays, changes in the work, damages, losses or additional compensation.
- 16.4 In the event of any dispute over a proposed change order or any other matter arising out of the implementation or interpretation of this contract the following dispute resolution process shall apply.
- (a) Within three (3) days after denial of a contractor's change order or contract modification request in an amount, individually or in total, less than the authorized purchasing level approved for the County Manager by the County Commission (currently at \$100,000) the contractor may submit to the County Manager or a designee with experience in the oversight of construction projects for a department or business other than the department responsible for monitoring the disputed request, documentation of the contractor's position in the dispute or disagreement. The County Manager or designee, within five (5) days after the receipt of the contractor's documentation, shall review the request and make a final determination as to whether denial was arbitrary or capricious based upon the sufficiency of the work under the terms of the contract, applicable regulations and relevant construction standards. Based upon the sufficiency and degree of completion, as well as any defects in the work and the amount reasonably required, if any, to correct or repair defective work, the reviewer shall make the final determination as to whether a written change order or contract modification should be approved by the County Manager.
 - (b) If the denied request or disputed amount exceeds the County Manager's purchasing authority, the County Manager shall present a report, recommendation and the contractor's claim and documentation, to the County Commission for a final determination within thirty (30) days after

receiving the contractor's documentation for the claim. The Commission shall make its decision using the standards specified in subparagraph (a) above.

- 16.5 Within thirty (30) days after denial of a request for a change order or contract modification by the project manager or engineer involving (1) an amount in excess of the County Manager's expenditure authority or (2) for the amount the contractor claims to be due at the time the project is ready for beneficial use or occupation, the County may, at the County's option in lieu of the procedure specified in subparagraph 16.4, submit the dispute to a mediator with knowledge or experience in construction management, as agreed upon by the parties. Upon referral to a mediator, the County and contractor shall each pay half the estimated cost of the mediator, up front. Within fifteen (15) days after the date of submittal, the mediator, applying the standards set forth in subparagraph 16.4, shall investigate the dispute and submit a written recommendation for disposition of the dispute to the County Manager or a designee with the qualifications specified in subparagraph 16.4. Within fifteen (15) days after receiving the mediator's recommendation, the County Manager shall submit the recommendation to the County Commission, along with a staff report analyzing the dispute and mediator's recommendation. Based on the standards set forth in subparagraph 16.4 above, the Commission shall decide whether to grant or deny, in whole or in part, the amounts recommended by the mediator. The Commission's decision will be deemed final action on the disputed claim for the purposes of ripening the decision for judicial review. If the mediator recommends that no change order or contract modification be granted, the contractor shall reimburse the county for any amounts paid by the county to the mediator.
- 16.6 The deadlines for completing the dispute resolution process described in subparagraphs 16.4 and 16.5 may be extended by mutual agreement of the contractor and the county.

ARTICLE 17

OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

- 17.1 The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the site under Conditions of the Contract identical or substantially similar to these including those portions related to insurance and waiver of subrogation. If the Construction Manager claims that a delay or additional cost is involved

because of such action by the Owner, the Construction Manager shall make such claim as provided in this Contract.

- 17.2 The Owner shall provide for coordination of the activities of the Owner's own forces and of each separate contractor with the Work of the Construction Manager, who shall cooperate with them. The Construction Manager shall participate with other separate contractors and the Owner in reviewing their construction schedules when directed to do so. The Construction Manager shall make any revisions to the construction schedule deemed necessary after a joint review and mutual agreement. The construction schedules shall then constitute the schedules to be used by the Construction Manager, separate contractors and the Owner until subsequently revised.
- 17.3 Unless otherwise provided in the Contract Documents, when the Owner performs construction or operations related to the project with the Owner's own forces, the Owner shall be deemed to be subject to the same obligations and to have the same rights which apply to the Construction Manager under the Conditions of the Contract.
- 17.4 The Construction Manager shall afford the Owner, and separate contractors, reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities and shall connect and coordinate the Contractor's construction and operations with the Construction Manager, as required.
- 17.5 If part of the Construction Manager's Work depends for proper execution or results upon construction or operations by the Owner or a separate contractor, the Construction Manager shall, prior to proceeding with that portion of the Work, promptly report to the Architect/Engineer or Owner apparent discrepancies or defects in such other construction that would render it unsuitable for such proper execution and results. Failure of the Construction Manager to report shall constitute an acknowledgment that the Owner's or separate contractor's completed or partially completed construction is fit and proper to receive the Construction Manager's Work, except as to defects not then reasonably discoverable.
- 17.6 Costs caused by delays or by improperly timed activities or defective construction shall be borne by the party responsible thereof.
- 17.7 The Construction Manager shall promptly remedy damage wrongfully caused by the Construction Manager to completed or partially completed construction or to property of the Owner or separate contractors.

ARTICLE 18

MISCELLANEOUS

- 18.1 Interest - Any monies not paid when due to either party under this contract shall not bear interest except as may be required by Section 218.70 et seq., Florida Statutes, ("The Florida Prompt Payment Act").
- 18.2 Harmony - Construction Manager is advised and hereby agrees to exert every reasonable and diligent effort to assure that all labor employed by Construction Manager and his Subcontractors for work on the Project shall work in harmony with and be compatible with all other labor being used by building and Construction Managers now or hereafter on the site of the Project.

Construction Manager further agrees that this provision will be included in all subcontracts of the Subcontractors as well as the Construction Manager's own contract; provided, however, that this provision shall not be interpreted or enforced so as to deny or abridge, on account of membership or non-membership in any labor union or labor organization, the right of any person to work as guaranteed by Article 1, Section 6 of the Florida Constitution.

- 18.3 Apprentices - If the Construction Manager employs apprentices on the project, the behavior of the Construction Manager and the Owner shall be governed by the provision of Chapter 446, Florida Statutes, and by applicable standards and policies governing apprentice programs and agreements established by the Division of Labor of the State of Florida Department of Labor and Employment Security. The Construction Manager will include a provision similar to the foregoing sentence in each subcontract.
- 18.4 Minority Participation - The Construction Manager shall *diligently attempt* to award his material contracts, subcontracts and sub-subcontracts to firms having a letter of certification as a minority business from the "Office of Minority Business Assistance, Department of General Services, or any other Federal, Florida County or City certification.
- 18.5 Minority Employment Information - The Board of County Commissioners requires construction contracts, who would otherwise be required to file and EEO Form 1 Report under Federal Law (currently Federal law requires filing for employers with more than 15 employees), to submit an EEO Form 1 Report with the submission of their GMP. This requirement extends to any subcontractors who are required to submit the EEO Form 1 Report (over 15 employees) under Federal law. Failure to submit an EEO Form 1 Report with your GMP will be reason to declare your proposal "non-responsive" to the proposal requirements. However, the information will be used for statistical purposes only and will not be used in any way as a basis to award a contract. See **Attachment "P"**.
- 18.6 Public Entity Crime Affidavit attached as **Attachment "P"**.
- 18.7 Non-Collusion Affidavit of Prime Bidder attached as **Attachment "Q"**.

18.8 Copyright Clause No reports, data, programs or other materials produced, in whole or in part for the benefit and use of the Owner, under this contract shall be subject to copyright by Contractor in the United States or any other Country.

18.9 Employment Eligibility Verification (E-Verify)

(a) The Construction Manager:

(1) shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Construction Manager during the term of this Agreement; and

(2) shall expressly require any subcontractors performing work or providing services pursuant to this Agreement to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the term of this Agreement; and

(3) agrees to maintain records of its participation and compliance with the provisions of the E-Verify program, including participation by its subcontractors as provided above, and to make such records available to the Owner consistent with the terms of the Construction Manager's enrollment in the program. This includes maintaining a copy of proof of the Construction Manager's and subcontractors' enrollment in the E-Verify Program.

(b) Compliance with the terms of this section is made an express condition of this Contract and the Owner may treat a failure to comply as a material breach of this Agreement.

(c) A contractor who registers with and participates in the E-Verify program may not be barred or penalized under this section if, as a result of receiving inaccurate verification information from the E verify program, the contractor hires or employs a person who is not eligible for employment.

(d) Nothing in this section may be construed to allow intentional discrimination of any class protected by law.

IN WITNESS WHEREOF, the parties hereto have executed this Contract the day and year first written above.

ATTEST:

Scott Ellis

Scott Ellis, Clerk

Reviewed for legal form and content:

Christine Valliere

Christine Valliere, Assistant County Attorney

BOARD OF COUNTY COMMISSIONERS OF BREVARD COUNTY, FLORIDA

Bryan Lober

Bryan Lober, Chair
Brevard County Commission

Date signed: 1/16/2020

As Approved By the Brevard County Commission on:

11/12/2019
W&J CONSTRUCTION CORPORATION

est

BY:

STATE OF FLORIDA
COUNTY OF BREVARD

The foregoing instrument was acknowledged before me this 16 day of January 2020 ~~2019~~ by whose position is vice president with the firm of W&J Construction a Florida Corporation, on behalf of the corporation. He/She is personally known to me or has produced _____ as identification.

(SEAL)

Shelley D. Sutherland
NOTARY PUBLIC

Typed, Printed or Stamped Name



ATTACHMENT "A"

CONSTRUCTION TEAM ASSIGNED REPRESENTATIVES

Owner

Brevard County Facilities Department

Tim Lawry

George Clark

Mary Bowers

Sherry Collett

Project Director

Construction Coordinator

Support Services Manager/Contracts

Special Projects Coordinator II

Architect-Engineer

TLC Engineering, Inc.

Construction Manager

Nick Witek

Erik Costin

Erik Costin

Ricky Melendez

Gian Corallo

Jim Ferguson

Steve Carlyle

President

Vice President/Principal-In-Charge

Vice President of Operations

Project Manager

Project Administrator

Project Superintendents

Estimator/Cost Control

ATTACHMENT "B"

PROJECT SCOPE OF WORK

Fire Station 63 Mansard Replacement -

The scope of work is to include the removal of the rusted old mansard back to good metal leaving about eight inches of good metal to attach the new mansard per the drawing from TLC Engineering.

ATTACHMENT "C"

DIRECT PURCHASING PROCEDURE CONSTRUCTION MANAGEMENT CONTRACT

INTENT: The Owner of this Project, Brevard County, Florida, intends that these procedures govern the County's direct purchases of selected materials so that the County may take advantage of its tax exempt status. All monies which would have been payable as taxes, if not for Owner direct purchase under these procedures, will inure solely to the benefit of the Owner. The Owner's direct purchase of materials will not minimize or conflict with the Construction Manager's responsibility for the purchase, installation, coordination, storage, protection, warranty, etc. of the materials as described herein and in the plans and specifications of the Contract.

Definitions: For the purpose of these Procedures, the following words have the following definitions.

- a) Contract: Construction Management Contract by and between Construction Manager and Brevard County Board of County Commissioners, Viera, Florida for the replacement of the mansards at Brevard County Fire Station #63, 2602 N. A1A, Indialantic, Florida.
- b) County Purchased Materials: Materials purchased directly by the Owner through execution and delivery of a Purchase Order.
- c) GMP - Guaranteed Maximum Price established under the Contract.
- d) Materials: Tangible Personal Property necessary for completion of the Project.
- e) Materials Deduction Summary: Written document signed by Owner's representative and Construction Manager setting forth the amounts of County Purchased Materials, plus applicable taxes were the purchase not exempt from such taxes, as reflected in the parties' previously executed deductive change order(s) to the Contract showing deduction of such Materials from the GMP.
- f) Owner: See Definition in Article I, section 1.3.
- g) Owner's Representative: See Definition in Article I, section 1.3.
- h) Project: See Definition in Article I, section 1.3.
- i) Purchase Order: The Owner's request for Materials from a particular vendor or supplier when fully executed and delivered to the Construction Manager, and the Owner's promise to pay for the Material specified upon delivery and acceptance at the Project Site, and presentation of an invoice by the Construction Manager to the Owner certifying payment of same.
- j) Material Requisition: A request by the Construction Manager to the Owner that the Owner directly purchase specific items described in sufficient detail, including

quantity, grade, brand, etc., along with the vendor or material supplier and that vendor or material supplier's quoted price for the Materials.

Overview: The Owner requires the Construction Manager (hereinafter, "Manager") to notify the Owner's Representative of Materials needed for the Project exceeding \$5,000.00 in value, through a Material Requisition form. For the purpose of these Procedures, the Manager will assign to the Owner any rights the Manager may have under quotes, contracts or commitments received from the particular vendor or supplier for the Materials described in the Material Requisition. Any Materials purchased by Owner pursuant to these Procedures shall be referred to as "County Purchased Materials", and the responsibilities of the Owner and Manager relating to such County Purchased Materials shall be governed by the terms and conditions of these Procedures, which shall take precedence over other conditions and terms of the Contract Documents where inconsistencies or conflicts exist. The invoiced amount of County Purchased Materials and applicable sales tax had the purchases not been tax exempt, once finalized through the Owner's Purchase Order and after confirmation of completed delivery and acceptance pursuant to this Procedure, will be deducted from the GMP, as defined in the Contract, by deductive change order.

Owner Direct Purchasing Requirements and Procedures: When a Materials purchase for the Project is estimated to be \$5,000 or greater and time will allow for an Owner Direct Purchase, Manager shall prepare a Material Requisition form, *(to be provided by the Owner)*, acceptable to Owner, and which specifically identifies the Materials which Owner may, in its discretion, elect to purchase directly. The Material Requisition form shall be complete when submitted, and all information requested provided. Along with the Material Requisition the Construction Manager must provide:

- a) The name, address, telephone and fax number and contact person for the material supplier;
- b) Manufacturer or brand, model or specification number of the item;
- c) Quantity needed as estimated by Manager;
- d) The price quoted by the supplier for the Materials identified therein;
- e) Any sales tax associated with such quote if it were not purchased by a tax exempt entity;
- f) Shipping and handling cost, including associated insurance;
- g) Delivery dates as established by the Manager;
- h) Subcontractor's written acknowledgment of these Procedures for Owner Direct Purchase of Materials.

After receipt of the Material Requisition, the Owner's Representative will determine whether the Owner will directly purchase the Materials described in the Material Requisition, and communicate consent or decline to purchase the materials to the Manager within twenty four (24) hours. Brevard County's Purchasing Division shall be the Owner's approving authority on Purchase Orders of County Purchased Materials. If the Owner consents to purchase the Materials, the Owner shall issue a Purchase Order for same. The Owner shall issue the original Purchase Order, and the Manager shall deliver the Purchase Order to the subcontractor. The Purchase Order shall require (1) that the supplier provide the required shipping, (2) that the supplier provide the required shipping and handling insurance, and (3) delivery of the County Purchased Materials on the delivery dates provided by the Manager in the Material Requisition.

The Manager shall be fully responsible for all matters relating to the receipt of County

Purchased Materials under these Procedures, including, but not limited to, preparation of shop drawings and submittals, verifying correct quantities, verifying documents of orders in a timely manner, coordinating purchases, providing and obtaining all warranties and guarantees required by the Contract Documents, inspection and acceptance of the goods at the time of delivery, and loss or damage to equipment and materials due to the negligence of the Manager. The Manager shall coordinate delivery schedules, sequence of delivery, loading orientation, and other arrangements normally required by the Manager for the Materials furnished. The Manager shall provide all services required for the unloading, handling and storage of Materials through installation. The Manager agrees to indemnify and hold the Owner harmless from any and all claims of whatever nature resulting from non-payment of goods to suppliers arising from the actions of Manager.

The Manager shall insure that County Purchased Materials conform to the Specifications, and determine prior to incorporation into the Work, if such Materials are patently defective, and whether such Materials are identical to the Material ordered and match the description on the bill of lading. As County Purchased Materials are delivered to the job site, the Manager shall inspect all shipments from the suppliers, and, if in conformance with the Purchase Order, approve the vendor's invoice for materials delivered. The Manager shall assure that each delivery of County Purchased Material is accompanied by documentation adequate to identify the Purchase Order against which the purchase is made. This documentation may consist of an itemized delivery ticket, packing slip or invoice from the supplier conforming to the Purchase Order against which the purchase is made, together with such additional information as the Owner may require. The Manager will then forward the documentation to the Owner.

If the Manager discovers defective or non-conformities in County Purchased Material upon inspection, the Manager shall not use such non-conforming or defective Materials in the Work and instead shall promptly notify the Owner of the defective or non-conforming conditions and coordinate the repair or replacement of those Materials without any undue delay or interruption to the Project. All repair, maintenance or damage-repair calls shall be forwarded to the Manager for resolution with the appropriate supplier, vendor, or subcontractor. If the Manager fails to perform such inspection, the condition of which the Manager either knew or should have known by performance of an inspection, Manager shall be responsible for all damages to the County resulting from Manager's incorporation of such Materials into the Project, including liquidated or delay damages.

On a bi-weekly basis, Manager shall be required to review invoices submitted by all suppliers of County Purchased Materials delivered to the Project Site during that month and either concur or object to the Owner's issuance of payment to the suppliers, based on Manager's records of materials delivered to the site. In order to arrange for the prompt payment to the supplier, the Manager shall provide to the Owner a list indicating the acceptance of the goods or materials within fifteen (15) days of receipt of said invoice for goods or materials. The list shall reference the applicable purchase order and include a copy of the invoices, delivery tickets, written acceptance of the delivered items, and such other documentation as may be reasonably required by the Owner. Upon receipt of the appropriate documentation in duplicate, the Owner shall prepare a check drawn to the supplier based upon the receipt of data provided. This check will be delivered directly to the supplier. If any discounts are available from the supplier or vendor, they shall accrue to the benefit of the Owner, and the amount quoted by the vendor, plus applicable tax, shall be deducted from the GMP. The Manager agrees to assist the Owner to immediately obtain partial or final releases or waivers as appropriate. Following performance of the Purchase Orders by the suppliers, and submittal of documentation

confirming same to Owner with an invoice for payment by Owner, the Manager shall execute and deliver to the Owner at the end of each month along with the Manager's regular pay requests, a Materials Deduction Summary setting forth the full value of all County Purchased Materials, plus all taxes which would have been payable on the purchase of the Materials had they not been Owner purchased. The Materials Deduction Summary shall show all sums to be deducted by an appropriate deductive change order, and ultimately the GMP, to date. The Board of County Commissioners, or their authorized representative, shall be the approving authority for the Owner on the Materials Deduction Summary for County Purchased Materials.

The Manager shall maintain records of all County Purchased Materials incorporated into the Work. These records shall be available for inspection by the Owner upon request.

Notwithstanding the delivery of County Purchased Materials to the Project Site for the Manager's inspection, custody and incorporation into the Work, the Owner shall retain legal and equitable title to any and all County Purchased Materials. The transfer of possession of County Purchased Materials from the Owner to the Manager shall constitute a bailment for the mutual benefit of the owner and the Manager solely for the purposes set forth herein. The Owner shall be considered the bailer and the Manager the bailee of the County Purchased Materials. County Purchased Materials shall be considered returned to the Owner for purposes of their bailment at such time as they are incorporated into the Project or are returned to the vendor or supplier at the discretion of the Manager prior to payment for the Purchase Order by Owner.

The Owner shall purchase and maintain Builder's Risk Insurance sufficient to protect against any loss or damage to County Purchased Materials. Such insurance shall cover the full value of any County Purchased Materials not yet incorporated into the Project from the time the Owner first takes title to any of such County Purchased Materials and the time when the last of such County Purchased Materials is incorporated into the Project, or are returned to the vendor at the Manager's discretion prior to Owner's payment for same.

The Owner shall in no way be liable for any interruption or delay in the Project, for any defects or other problems with the Project, or any extra costs or time resulting from any delay in the delivery of, or defects in, County Purchased Materials.

ATTACHMENT "D"
DRAWINGS AND SPECIFICATIONS

See Attached

ATTACHMENT "E"

**CONSTRUCTION MANAGER'S
PRELIMINARY CONSTRUCTION SCHEDULE**

N/A

ATTACHMENT "F"

ORDINANCE 98-37

AN ORDINANCE AMENDING CHAPTER 2 OF THE BREVARD COUNTY CODE TO CREATE ARTICLE VII, A PROCEDURE FOR PREQUALIFYING CONSTRUCTION CONTRACTORS, FOR COMPETITIVE BIDDING CRITERIA AND FOR DEBARMENT OF CONSTRUCTION CONTRACTORS AND SURETIES; PROVIDING FOR ALTERNATIVE CONSTRUCTION DELIVERY METHODS; PROVIDING FOR PREQUALIFICATION AND COMPETITIVE BIDDING CRITERIA, PROCEDURE, AND FOR A STANDARD OF PROOF; PROVIDING FOR EDITING OF THE ORDINANCE FOR INCLUSION WITHIN THE BREVARD COUNTY CODE; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Section 255.20, Fla. Stat. (1997) requires that standards and procedures for determining the lowest qualified and responsive bidder or award of a construction contract under any delivery method be established if a bidder is selected for any reason other than price; and

WHEREAS, the Board has determined that it is in the public's best interest to provide such standards and procedures so that the Board may select the most qualified and responsive bidder; and

WHEREAS, the Board has determined that it is in the public's best interest to prevent construction firms and sureties who have defaulted on a previous contract with the County from future bidding on County projects through a debarment procedure;

THEREFORE, be it ordained by the Board of County Commissioners of Brevard County, Florida as follows:

Section 1: Chapter 2 of the Brevard County Code shall be amended to create Article VII as follows:

1. **DEFINITIONS:** The following words shall have these meanings throughout this article:

"AFFECTED PARTY" means an individual or business which has submitted a bid, offer, proposal, quotation, or response which is rejected, or is found unqualified under the provisions of this article, or which would be selected if a low bidder was found unqualified or nonresponsive.

"BOARD" means the Board of County Commissioners of Brevard County, Florida.

"COMMITTEE" means two or more persons designated to evaluate prequalification and responsiveness criteria. Committees established by the County Manager may be intradepartmental, or include representatives of several departments interested in the administration and success of the construction project.

"DEBARMENT" means the exclusion for cause of a vendor or contractor, or subcontractor from bidding or doing business with the County on a temporary or permanent basis.

"MINOR IRREGULARITY" means a variation from the Invitation to Bid which does not affect the price of the bid, or give the bidder an advantage or benefit not enjoyed by other bidders, or does not adversely impact the interests of the agency.

"QUALIFIED BIDDER" means an individual or business which has submitted a bid, offer, proposal, quotation, or response, which has the capability in all respects to fully perform the contract requirements, and has the financial stability, honesty, integrity, skill, business judgement, experience, facilities and reliability necessary to give reasonable assurance of good faith and performance.

"REQUEST FOR QUALIFICATION" ("RFQ") means the process by which the County may prequalify individuals or businesses for a particular project before requesting bids for the project, thereby limiting the pool of bidders to these prequalified.

"RESPONSIVE BIDDER" means an individual or business which has submitted a bid, offer, proposal, quotation, or response, which conforms in all material respects to the solicitation, including but not limited to compliance with the submittal of specified insurance and bond requirements.

1. Any County contract for the construction or improvement of a public building, structure, or other public construction work that is estimated in accordance with general accounting principles to have construction costs of more than fifty thousand dollars (\$50,000.00) shall be competitively awarded to the lowest, qualified and responsive bidder in accordance with this article, unless the project (1) fits within exceptions set forth in s. 255.20, Fla. Stat., as amended from time to time, (2) is a contract governed by the Consultant's Competitive Negotiation Act, or (3) is awarded under another contract delivery method authorized by this article. Nothing in this article shall be construed to require competitive award of every County construction work, nor to prohibit the Board from rejecting all bids if competitively bid, or to prevent the Board from waiving minor irregularities in any bid.
2. (a) Potential lump sum bidders responding to a request for qualifications are required to submit information required by this article and as identified in the RFQ

package. A committee identified in the RFQ package will determine whether a potential bidder is qualified and responsive as defined in this article.

(b) For projects advertised for lump sum bid without prior prequalification, the apparent low bidder, after the formal bid opening, will be required to submit the following prequalification information identified in the bid package within five (5) business days after the bid opening. Failure to provide prequalification information within this time frame may be considered as grounds for finding the apparent low bidder nonresponsive. If the apparent low bidder cannot provide adequate documents for review, or the submitted documents indicate the apparent low bidder or any subcontractors are not qualified, or if the bidder's package is determined to be nonresponsive, the Committee will reject the bidder or any of its subcontractors. In the event the bidder is found unqualified or non-responsive, the apparent second low bidder will be contacted and afforded the previous mentioned five (5) days to submit pre-qualification documents. This process will continue until the lowest qualified and responsive bidder is established. In the event that a subcontractor is found unqualified or non-responsive, the potential bidder or prime contractor will have five (5) business days to submit a substitute subcontractor for the same bid price or withdraw the original bid.

(c) In addition to lump sum contracts for construction, the Board may use the following delivery methods for construction or improvement of a public building, structure, or other public construction work: construction manager, design/build, or continuing contracts based on unit prices. The Board may also enter into continuing contracts with construction managers using the pre-qualification procedure set forth herein for potential lump sum bidders. The individual projects shall be awarded under a continuing contract using the following criteria:

Ability of professional personnel given project's special characteristics; past performance; willingness to meet time and budget requirements; location; recent, current and projected workloads of the firms available under continuing contract; volume of work previously awarded to each firm under a continuing contract provided distribution does not violate the principle of selection of the most qualified firm for the project; previous experience on County projects.

The County Manager will establish procedures for the Board to hear any affected party with a complaint or appeal as to any recommendation or finding made pursuant to this article. Any affected party's complaint or appeal must be presented, in writing, to the County Manager's office within five (5) business days of the posting of a committee's decision.

(d) At the completion of each competitively awarded County construction project, the County department which administered the construction contract shall

complete an evaluation of the contractor's performance on a form to be established by the County Manager. The department may also complete evaluations of critical subcontractors using the same form. All such records shall be copied to the party evaluated and maintained by County Purchasing. Any party evaluated may submit a written response of any length, which response shall be filed with the evaluation.

3. Potential bidders, the apparent lowest bidder, or the person providing services under any other contract delivery method, and applicable subcontractors identified in the bid or request for qualification package for any County construction project which is to be competitively awarded shall be evaluated to determine whether the bidder and its subcontractors are qualified. In evaluating qualifications, the County shall consider the following information:
 - A Contractor's Pre-Qualification Statement for the prime contractor and subcontractors performing parts of work identified in the bidding documents as critical to the project's success. The Pre-Qualification Statement shall be provided on a form to be established by the County Manager;
 - Most current financial statement, but not more than one (1) year old, indication of bondability, or, if project is under \$100,000, other evidence of financial capability as identified in the bid documents;
 - Resumes of Contractor and Subcontractor's key personnel, including project manager and superintendent levels, showing job history, education related to work to be performed and any license, training, and experience related to the work which that individual will perform;
 - List of subcontractors and suppliers, and items of work to be performed by the Contractor's own work force;
 - County evaluations of the performance on County projects;
 - References obtained from individuals or businesses with whom the contractor or subcontractor has performed work or conducted business;
 - Any other relevant qualifications, data or information identified in the bidding documents to be critical to the success of the project.
4. The County Manager will establish committees which may debar a contractor, contractor's key personnel, contractor's surety, subcontractor and subcontractor's key personnel, or any entity which key personnel are later employed or retained by in a supervisory position, from bidding on any County project under the circumstances enumerated below. The decision to disbar is

discretionary, the seriousness of the offense and all mitigating factors should be considered in making the decision to disbar. The notice of debarment shall state the time when such debarment will be lifted, if ever, and the contractor's right to appeal such debarment to the Board of County Commissioners under the Board's regular agenda. The Board reserves the power to waive or lift any committee imposed suspension or debarment.

An individual or business may be *permanently* debarred for any of the following reasons:

- Conviction or a judgment obtained in a court of competent jurisdiction for:
- Commission of a fraud or a criminal offense as an incident to obtaining, attempting to obtain, or in the performance of a public contract
- Violation of any Federal or State of Florida anti-trust or anti-racketeering statutes arising out of submission of bids or proposals;
- Commission of embezzlement, theft, forgery, bribery, falsification of or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which seriously and directly affects the question of present responsibility as a County contractor, subcontractor or vendor;
- If the conviction or judgment is reversed on appeal, the debarment shall be removed upon receipt of notification thereof.

Competent and substantial evidence of a violation of a County contract provision, as set forth below, when the violation is of a character so as to justify debarment action such as:

- Failure to perform in accordance with the specifications or delivery requirements in a contract;
- A history of failure to perform, or of unsatisfactory performance, in accordance with the terms of one or more contracts; provided, that such failure or unsatisfactory performance is within a reasonable period of time preceding the determination to debar. Failure to perform for unsatisfactory performance caused by acts beyond the control of the contractor shall not be considered as a basis of debarment.

Upon adequate evidence, an individual or business may be *temporarily* debarred for a period up to three (3) years based upon substantial evidence of involvement in any of the causes cited in paragraph (b) above.

Section 2: Inclusion in Code: It is the intention of the Board of County Commissioners that the provisions of this ordinance shall become and be made a part of the Brevard County Code; and that the sections of this ordinance may be renumbered or relettered to accomplish such intentions.

Section 3: Severability: If any provision of this ordinance is held to be illegal or invalid,

the other provisions shall remain in full force and effect.

Section 4: Effective Date: This ordinance shall become effective upon filing as provided by law. A certified copy of the ordinance shall be filed with the Office of the Secretary of State, State of Florida within ten (10) days of enactment.

ATTACHMENT "G"

PUBLIC CONSTRUCTION BOND

(Payment and Performance)

BY THIS BOND, We _____, having its principal place of business at _____, (____)____-____, herein called Principal, and _____, having its principal place of business at _____, (____)____-____, a corporation as Surety, are bound to Board of County Commissioners of Brevard County, Florida, 2725 Judge Fran Jamieson Way, Viera, Florida, 32940, (321) 633-2000, herein called Owner, in the sum of _____ (\$_____.00) for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITIONS OF THIS BOND are that if Principal:

1. Performs the contract number _____ dated _____ between Principal and Owner for construction of (project description) _____, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and

3. Pays Owner all losses, damages, expenses, costs, and attorney's fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract; and
4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2) and (10), Florida Statutes.

Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond.

Signed and sealed this _____ day of _____, 20__.

Witness:

(Principal) (Seal)

Its: _____
(Title)

Witness:

(Surety) (Seal)

Its _____
(Title)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____ certify that I am the Secretary of the Corporation named as Principal in the within bond; that _____ who signed the said bond on behalf of the Principal, was then _____ of said Corporation; that I know the Principal, and the Principal's signature hereto is genuine; and that said bond was duly signed, sealed, and attested for and in behalf of said Corporation by authority of its governing body.

_____(Seal)
Secretary

STATE OF FLORIDA)

ss

COUNTY OF)

Before me, a Notary Public, duly commissioned, qualified and acting, personally appeared _____ to me well known, who being by me first duly sworn upon oath, says that this individual is the Attorney-in-Fact, for the _____ and that said individual has been authorized by _____ to execute the foregoing bond on behalf of the Contractor named therein in favor of Board of County Commissioners of Brevard County, Florida.

Subscribed and sworn to before me this ____ day of _____, 20____,
A.D.

(Attach Power of Attorney)

Notary Public
State of Florida-at-Large

My Commission Expires: _____

My Commission Number is: _____

ATTACHMENT "H"

reserved

ATTACHMENT "I"

**CONSTRUCTION MANAGER'S
GUARANTEED MAXIMUM PRICE**

See Attached



August 6, 2019 **REVISED November 5, 2019**

George Clark
Brevard County

Via email: George.Clark@brevardfl.gov

RE: Brevard County FS No. 63 Exterior Improvements

Dear Mr. Clark,

W&J Construction Corporation is pleased to provide a base bid estimate of **(\$321,139.00)** for the project located at 2602 N Hwy A1A, Indialantic, Florida per the Tsark Architecture drawings dated 07/03/19: The cost breakdown is attached

Scope with Clarifications and Exclusions:

1. Construction duration is 13 weeks.
2. Building permit is Excluded.
3. No interior work is included.
4. Hazardous Material Handling is excluded.
5. All work to be performed during daytime hours.
6. Our proposal remains firm for 60 days.
7. Painting of Roll-up Door is included.
8. Pressure wash of Masonry is included.
9. No concrete work at entry sidewalks.

We appreciate this opportunity to provide this estimate and look forward to your favorable selection of W+J. If you have any questions or require further information, please do not hesitate to contact me at 321.632.7660 or at steve@wjconstruction.com.

Sincerely,

W+J Construction Corp.
A Florida Corporation


Steve Carlyle
Chief Estimator

Item	Sec	Description	Material	Labor	Sub	Subcontractor Name
		A/E Design Phase Fees	0	0	0	By Owner
		Additional Structural Engineering	0	0	2,500	Allowance
	1	General Requirements				
1		General Conditions	0	23,225	9,460	W&J
1a		-Shoring Allowance	0	0	2,000	W&J
	2	Existing Conditions				
2		Demo Mansard	0	0	19,500	DBI
3		Grind Block Flutes	1,700	3,500	0	W&J
	4	Masonry				
4		Block Course	0	0	4,900	Leo's Concrete
	5	Steel				
5		Structural Steel	0	0	52,100	HMB
	6	Woods and Plastics				
6		Fascia Replacement	200	200	0	W&J
	7	Thermal and Moisture				
7		Roofing	0	0	12,617	Hamilton
8		Caulking	0	0	1,125	Midstate
	9	Finishes				
9		Framing and Sheathing	0	0	75,365	BFD
9a		-Replace Damage Stud Allowance	0	0	5,000	Allowance
10		Stucco	0	0	15,072	Extreme Plastering
11		Painting	0	0	7,000	Dave Goodman
	10	Specialties				
12		Signage	0	0	9,758	Don Bell
Subtotals			1,900	26,925	216,397	
Sales Tax/PT&I (7/40)			133	10,770		
Total			2,033	37,695	39,728	
					256,125	
Permits					0	Excluded
General Liability Insurance (%)					2,087	
Builder's Risk (Excludes Wind)					805	
Bond					5,620	
Hurricane Surcharge			1.30%		73	
Cost					264,710	
Overhead					15,883	
Sub Total					280,593	
Profit					25,253	
Total No Contingency					305,846	
Add Contingency (No Markup)					15,292	
Project Total					321,139	

ATTACHMENT "J"

CERTIFICATE OF SUBSTANTIAL COMPLETION

Attached

CERTIFICATE OF SUBSTANTIAL COMPLETION

AIA DOCUMENT G704

- Owner
- Architect
- Contractor
- Field
- Other

PROJECT:
(Name & Address)

PROJECT NO:

CONTRACT FOR:
CONTRACT DATE:

TO OWNER:
Brevard County Board of County Commissioners
Facilities Department/Facilities Engineering & Construction
2725 Judge Fran Jamieson Way, Building "A"
Viera, Florida 32940

TO CONTRACTOR:
(Name & Address)

DATE OF ISSUANCE:

PROJECT OR DESIGNATED PORTION SHALL INCLUDE:

The work performed under this contract has been reviewed and found, to the Architect's best knowledge, information and belief, to be substantially complete. Substantial Completion is the stage in the progress of the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Work for its intended use.

In accordance with Florida Statute 255.40, the Owner requires that the Contractor certify that to the best of his/her knowledge and ability no asbestos-containing materials and/or supplies have been purchased and/or installed on this Project. By signing below, the Contractor acknowledges this.

The date of Substantial Completion of the Project or portion thereof designated above is hereby established as _____

which is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below:

A list of items to be completed or corrected is attached hereto. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

Engineer By _____ Date _____

The Contractor will complete or correct the Work on the list of items attached hereto within _____ days from the above date of Substantial Completion.

Contractor By _____ Date _____

The Owner accepts the Work or designated portion thereof as substantially complete and will assume full possession thereof at 8:00 a.m. (time) on June 25, 2004 (date).

Brevard County B.O.C.C.
Facilities Engineering & Construction
Owner By: _____ Date _____

The responsibilities of the Owner and the Contractor for security, maintenance, heat, utilities, damage to the Work and insurance shall be as follows:

(Note - Owner's and Contractor's legal and insurance counsel should determine and review insurance requirements and coverage.)

ATTACHMENT "K"

CERTIFICATE OF FINAL COMPLETION

PROJECT NO. & TITLE:

ARCHITECT:

CONTRACT DATE:

CONTRACTOR:

DATE OF FINAL COMPLETION:

CERTIFICATE OF ARCHITECT/ENGINEER

Based on my inspections and investigation of the Contractor's work under the above referenced contract, I certify that the work, in general, has been completed in accordance with the contract documents, that all matters previously brought to the Contractor's attention as incomplete or defective have been resolved pursuant to my direction, and that the Contractor has submitted the attached sworn affidavit as evidence that the Contractor has paid all labor, materials, and other charges against the project in accordance with the terms of the Contract.

A/E Firm Name: _____ By: _____

TO BE COMPLETED BY ARCHITECT/ENGINEER: _____ DATE: _____ DAYS: _____

THROUGH THE SUBSTANTIAL COMPLETION PHASE

1. Notice to Proceed (N.T.P.)
2. Time Specified in Original Contract for Substantial Completion (S.C.)
3. Extension Granted By Change Orders (Days Between Original Contract S.C. and Final Contract S.C.)
4. Total Days Allowable to Substantial Completion (Add Lines 2 and 3)
5. Project Substantially Completed as Certified by A/E (Total Days from NTP through Date Certified by A/E)
6. Substantial Completion Overrun (Subtract Line 4 from 5 and Enter Overrun)

THROUGH THE FINAL COMPLETION PHASE

1. Time Specified in Contract, Between Substantial and Final Completion
2. Extensions Granted by Change Orders (Days Between S.C. and Final Completion)
3. Total Days Allowable Between Substantial Completion and Final Completion (Add Lines 1 and 2)
4. Date Actually Completed and Total Days Between and Date Certified by A/E as Actually being Finally Completed).
5. Final Completion Overrun (Subtract Line)

Architect: _____ Date: _____

Project Manager: _____ Date: _____

Facilities Construction Manager: _____ Date: _____

ATTACHMENT "L"

ALLOWABLE COSTS, OVERHEAD

DESCRIPTION	EST QUANTITY	UNITS	UNIT COST	BUDGET VALUE	QUANTITY TO DATE	QUANTITY TO COMP
OFFICE PHONES						
OFFICE SUPPLIES						
POSTAGE						
GAS/OIL/LUBRICATION						
AUTOMOBILES/TRUCKS						
PROJECT MANAGER						
ESTIMATING COSTS						
EXECUTIVE LABOR COST						
ASST PROJECT MANAGER						
IN HOUSE SECRETARY						
TRAVEL EXPENDITURES						
WARRANTY EXPENSE						

ATTACHMENT "M"
(Direct Cost Items)
GENERAL CONDITIONS

SUPERINTENDENT

JOB SITE SECRETARY/CLERK

QUALITY CONTROL

SURVEY

PERMITS

IMPACT/CONNECTION FEES

CONSTRUCTION DRAWINGS/SPECS

PROGRESS PHOTOGRAPHS *(IF REQUESTED BY THE OWNER)*

JOB SITE SIGN *(IF REQUESTED BY THE OWNER)*

SPECIAL SECURITY *(IF REQUESTED BY THE OWNER)*

PAYMENT & PERFORMANCE BONDS

BUILDERS RISK INSURANCE

JOBSITE TRAILER AND SUPPORT *(IF REQUESTED BY THE OWNER)*

TEMPORARY UTILITIES *(AS APPROVED BY THE OWNER)*

TEMPORARY JOBSITE FENCING *(INITIAL INSTALLATION ONLY)*

TRASH REMOVAL/DUMP FEES, AND RECYCLING *(AS APPROVED BY THE OWNER)*

ATTACHMENT "N"
CERTIFICATE FOR PAYMENT

Attached

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

(Instructions on reverse side) PAGE ONE OF _____ PAGES

TO (OWNER):

PROJECT:

APPLICATION NO:

Distribution to:

- OWNER
- ARCHITECT
- CONTRACTOR

FROM (CONTRACTOR):

VIA (ARCHITECT):

PERIOD TO:

ARCHITECT'S

PROJECT NO:

CONTRACT FOR:

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by Owner			
TOTAL			
Approved this Month			
Number	Date Approved		
TOTALS			
Net change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

State of: _____ County of: _____

Subscribed and sworn to before me this _____ day of _____, 19____

Notary Public:

My Commission expires: _____

By: _____ Date: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ _____
 (Attach explanation if amount certified differs from the amount applied for.)
 ARCHITECT:

By: _____ Date: _____
 This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

(Instructions on reverse side) PAGE OF PAGES

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.

APPLICATION NUMBER:

APPLICATION DATE:

PERIOD TO:

ARCHITECT'S PROJECT NO.:

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D		E WORK COMPLETED THIS PERIOD	F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D + E + F)	H BALANCE TO FINISH (C - G)	I RETAINAGE
			FROM PREVIOUS APPLICATION (D + E)						

ATTACHMENT "O"

VENDOR AFFIDAVIT REGARDING SCRUTINIZED COMPANY LIST

Pursuant to § 287.135(2), Florida Statutes, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with an agency or local government entity for goods or services of \$1 million or more if at the time of bidding or submitting a proposal for a new contract or renewal of an existing contract, the company: (1) is on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725, or is engaged in a boycott of Israel; (2) is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473; or (3) is engaged in business operations in Cuba or Syria.

If the bidder or contractor is found to have falsified the attached affidavit, the Board of County Commissioners of Brevard County may terminate the contract or reject the bid.

STATE OF FLORIDA
COUNTY OF _____

BEFORE ME, the undersigned authority, personally appeared _____, who, being by me first duly sworn, made the following statement:

1. The Business address of _____ (name of bidder or contractor) is _____.
2. My relationship to _____ (name of bidder or contractor) is _____ (relationship such as sole proprietor, partner, president, vice president).
3. I understand that "Boycott of Israel" has the same meaning as defined in §215.4725, Florida Statutes, and means refusing to deal, terminating business activities, or taking other actions to limit commercial relations with Israel, or persons or entities doing business in Israel or in Israeli-controlled territories, in a discriminatory manner. A statement by a company that it is participating in a boycott of Israel, or that it has initiated a boycott in response to a request for a boycott of Israel or in compliance with, or in furtherance of, calls for a boycott of Israel, may be considered by the State Board of Administration to be evidence that a company is participating in a boycott of Israel. The term does not include restrictive trade practices or boycotts fostered or imposed by foreign countries against Israel.
4. I understand that "business operations" means, for purposes specifically related to Cuba or Syria, engaging in commerce in any form in Cuba or Syria, including, but not limited to, acquiring, developing, maintaining, owning, selling, possessing,

leasing, or operating equipment, facilities, personnel, products, services, personal property, real property, military equipment, or any other apparatus of business or commerce.

5. _____ (name of the bidder or contractor) is not on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725, Florida Statutes, or is engaged in a boycott of Israel.
6. _____ (name of the bidder or contractor) is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473, Florida Statutes.
7. _____ (name of the bidder or contractor) is not engaged in business operations in Cuba or Syria.

Signature

Sworn to and subscribed before me in the state and county first mentioned above on the _____ day of _____, 20____.

Notary Public

(affix seal)

My commission expires:

ATTACHMENT "P"

MINORITY EMPLOYMENT INFORMATION

The Board of County Commissioners requires construction contracts, who would otherwise be required to file and EEO Form 1 Report under Federal Law (currently Federal law requires filing for employers with more than 15 employees), to submit an EEO Form 1 Report with the submission of their GMP. This requirement extends to any subcontractors who are required to submit the EEO Form 1 Report (over 15 employees) under Federal law. Failure to submit an Acknowledgment and/or EEO Form 1 Report with your GMP will be reason to declare your proposal "non-responsive" to the proposal requirements. However, the information will be used for statistical purposes only and will not be used in any way as a basis to award a contract.

Please fill out and sign one (1) of the following statements:

1. My Company or subcontractors are required to submit the EEO Form 1 Report and they are attached.

Company Name: _____
Signature: est Date: _____

2. My Company or subcontractors are not required to submit the EEO Form 1 Report.

Company Name: W+J Construction Corp
Signature: est Date: 1/6/2020

PUBLIC ENTITY CRIME ACKNOWLEDGMENT

A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid/quote/proposal on a contract to provide goods or services to a public entity, may not submit a bid/quote/proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids/quotes/proposals on leases of rental property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for Category Two (\$15,000) for a period of thirty six (36) months from the date of being placed on the convicted vendor list.

Company Name: W+J Construction Corp.
Printed Name Erik Costin Signature est

ATTACHMENT "Q"

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of Florida

County of Brevard

Erik Costin, being duly sworn, deposes and says that:

- (1) Affiant is vice President of W+J Construction, the Bidder that has submitted a bid/quote/proposal;
- (2) Affiant is fully informed respecting the preparation and contents of the bid/quote/proposal and of all pertinent circumstances respecting such bid/quote/proposal;
- (3) Such bid/quote/proposal is genuine and is not a collusive or sham bid/quote/proposal;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham bid/quote/proposal in connection with the Contract for which the bid/quote/proposal has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by Contract, or has in any manner, directly or indirectly, sought by the contract or collusion or communication or conference with any other bidder, firm or person to fix the price or prices in the bid/quote/proposal or of any other Bidder, or to fix any overhead, profit or cost element of the bid/quote/proposal price or the bid/quote/proposal price of any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Board of County Commissioners of Brevard County, Florida, or any person interested in the Contract; and
- (5) The price or prices negotiated for the bid/quote/proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties of interest, including affiant.

est

Signature

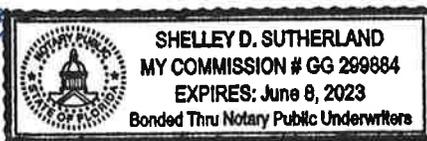
Vice President

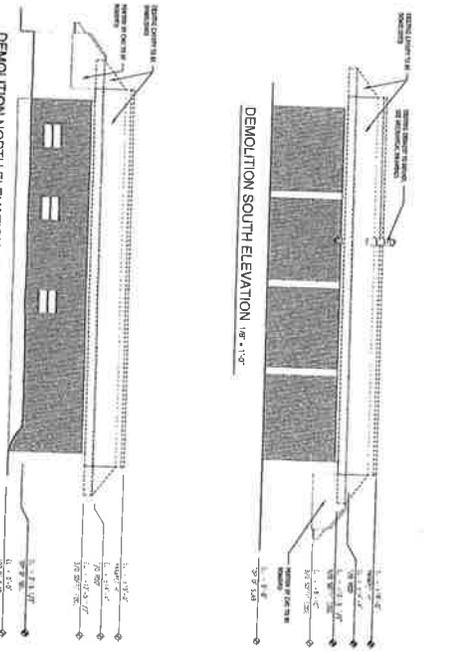
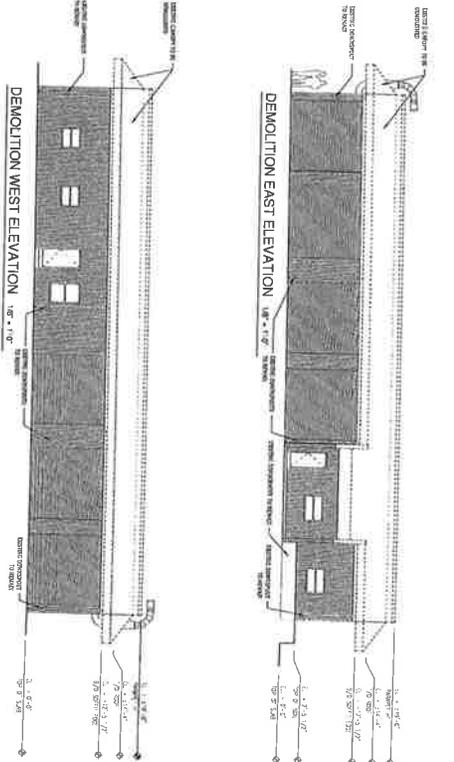
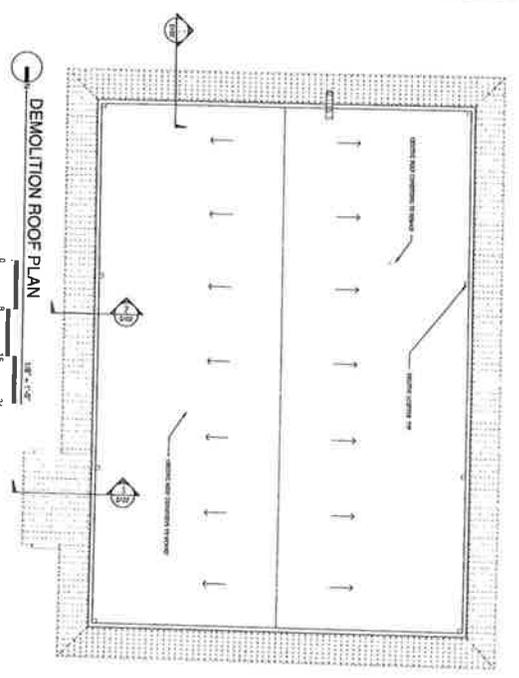
Title

Subscribed and sworn to before me this 6 day of January 2020.

Shelley D. Sutherland, Notary Public

My Commission expires: 06/08/2023





DEMOLITION NOTES

1. EXISTING AND DEMOLITION DRAWINGS INDICATED TO BE ACCURATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SPACES AND MATERIALS BEFORE COMMENCING WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
2. ALL EXISTING MATERIALS SHALL BE DEMOLISHED AND REMOVED FROM THE SITE. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL DEMOLITION WORK.
3. ALL DEMOLITION WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. DELAYS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES. ANY OBSTRUCTIONS SHALL BE REMOVED IMMEDIATELY.
5. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
6. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
7. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
8. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
9. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
10. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
11. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
12. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
13. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
14. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
15. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.
16. THE CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT AT ALL TIMES. ALL SAFETY PRECAUTIONS SHALL BE STRICTLY ENFORCED.
17. ALL DEMOLITION WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND PERMITS.

LEGEND

- EXISTING TO REMAIN
- DEMOLITION TO BE REMOVED
- DEMOLITION TO BE REMOVED
- DEMOLITION TO BE REMOVED

BREVARD COUNTY FIRE STATION NO. 63
2602 NORTH A1A INDIANLANTIC, FL.

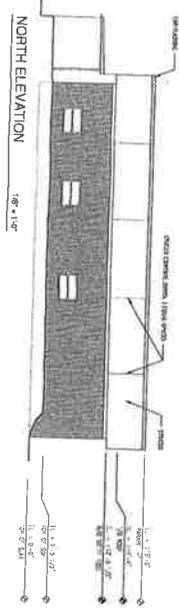
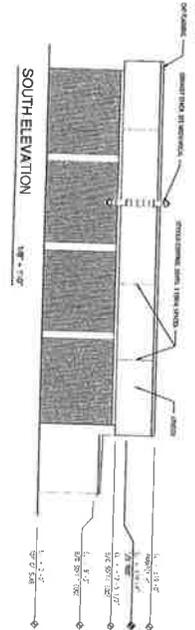
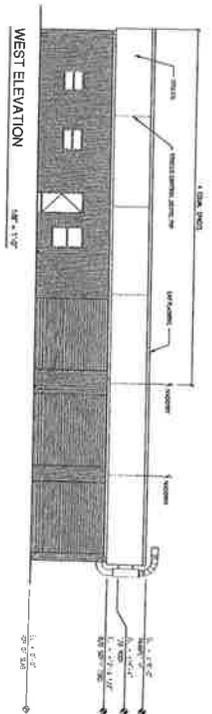
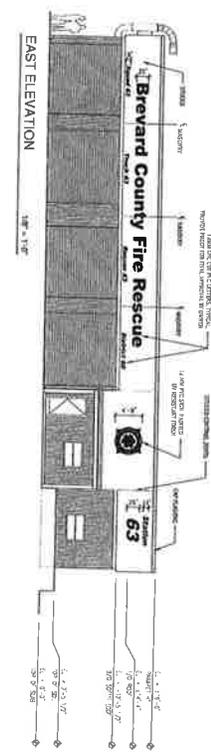
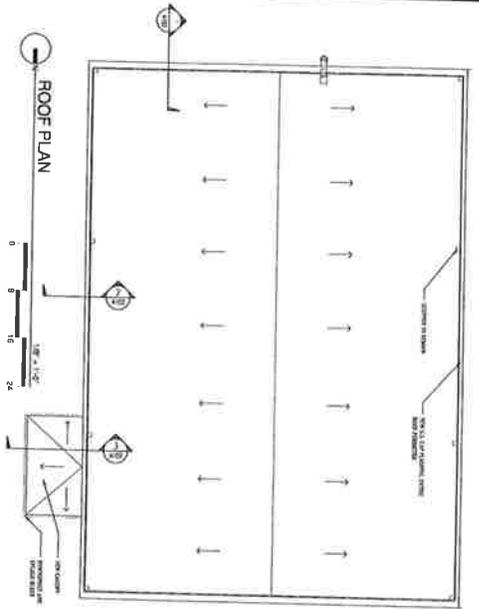
ATLC ENGINEERING SOLUTIONS
8740 DASH BLVD
CORAL GABLES, FL 33134
www.atlcsolutions.com
COR 15



TSARK ARCHITECTURE
Tara Anderson, LLC
1000 S. Orange Avenue, Suite 100
Orlando, FL 32801
407.200.1111

Project Name	19165 571621
Client Name	ATLC
Drawn By	07/20/19
Checked By	ALL
Approved By	GJT
Scale	1/8" = 1'-0"
Sheet Title	DEMOLITION PLAN & ELEVATIONS
Sheet No.	D101

100% BIDD DOCUMENTS / NOT FOR CONSTRUCTION



SEE ALL DOCUMENTS - NOT FOR CONSTRUCTION

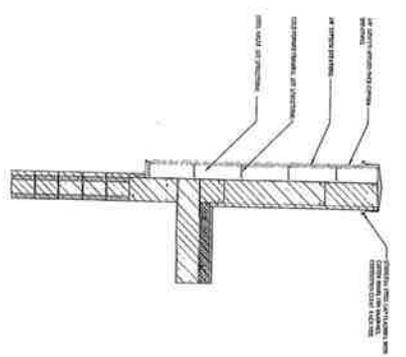
ATLC
ENGINEERING
SOLUTIONS
 1100 N. W. 10th St.
 Ft. Lauderdale, FL 33304
 Phone: 954.576.1234
 Fax: 954.576.1235
 www.atlc-engineering.com
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BREVARD COUNTY FIRE STATION NO. 63
 2602 NORTH ASA INDIANLANTIC, FL

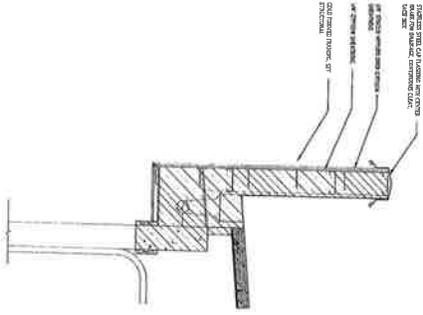


TSARK
ARCHITECTURE
 1100 N. W. 10th St.
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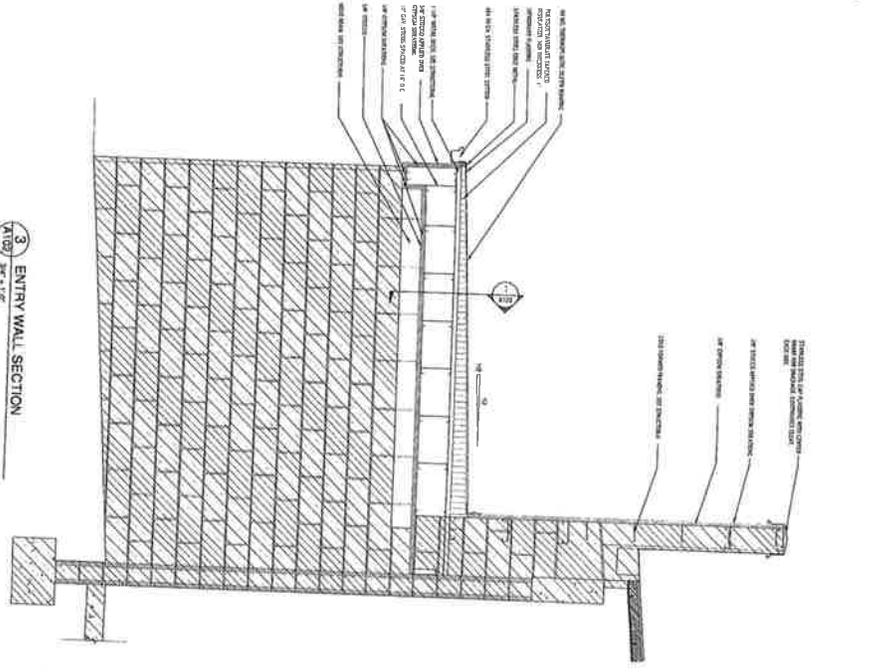
Project No.	17104, 110221
Client	ATLC
Architect	TSARK
Engineer	ATLC
Scale	1/8" = 1'-0"
Date	01/11/17
Drawn by	ATLC
Checked by	ATLC
Approved by	ATLC
Project Name	PROPOSED PLAN & ELEVATIONS
Sheet No.	A101



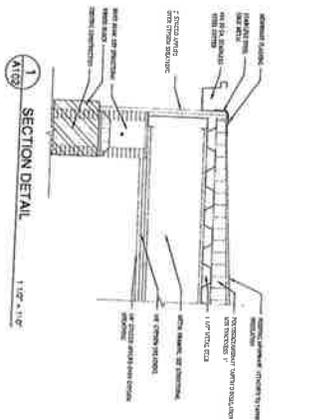
1 NORTH-SOUTH WALL SECTIONS
A102 1/8" = 1'-0"



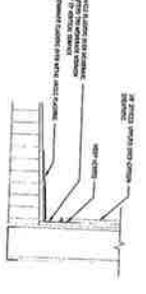
2 EAST-WEST WALL SECTIONS
A102 1/8" = 1'-0"



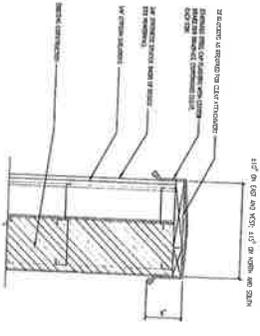
3 ENTRY WALL SECTION
A102 1/8" = 1'-0"



1 SECTION DETAIL
A102 1/8" = 1'-0"



COUNTER FLASHING
AT NEW ENTRANCE ROOF
1/8" = 1'-0"



CAP FLASHING
1/8" = 1'-0"

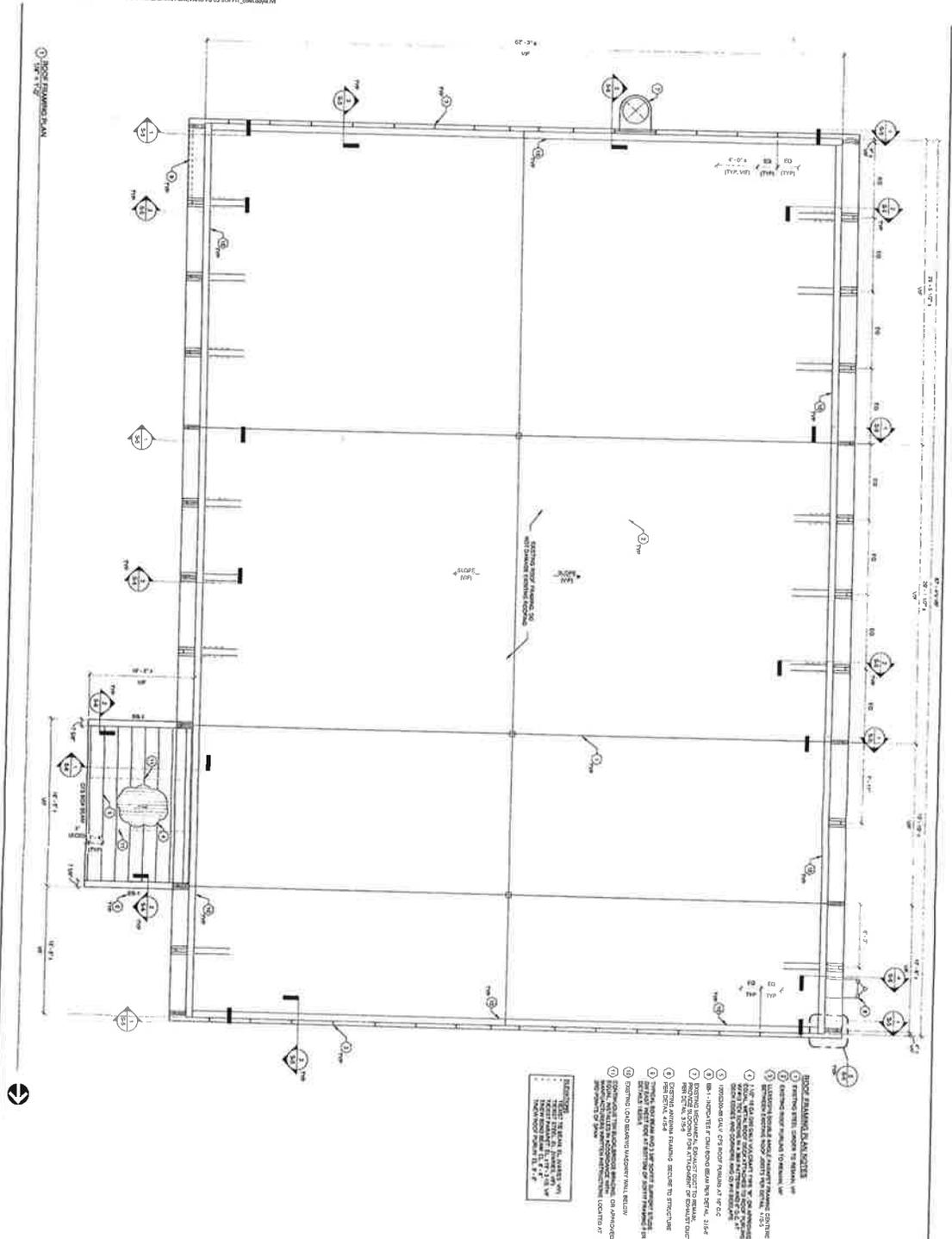
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 Suite 100
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 www.tlc-engineering.com
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 TLC Report No. 151021
 THINK. LISTEN. CREATE

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TSARK ARCHITECTURE
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 Palm Beach Gardens, FL 33418
 www.tsark.com
 561-850-1111

Project No.	15155-131021
Revision No.	07/20/19
Author	ATL
Checked By	ATL
Scale	AS SHOWN
Notes	
Proposed Wall Sections	A102



- ROOF EXHAUSTION EXHAUSTIVES**
- 1. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 2. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 3. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 4. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 5. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 6. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 7. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 8. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 9. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.
 - 10. EXHAUSTION SYSTEM TO REMOVE AIR FROM THE ROOF.

BREVARD COUNTY FIRE STATION NO. 63

2602 NORTH A1A INDIAN LANTIC, FL.

TLC ENGINEERING SOLUTIONS

3241 Duval Blvd
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COOL 13

Prepared by: [Name]
 Checked by: [Name]
 TLD: [Name]
 HENK, LUTHER, CHERRY

TSARK ARCHITECTURE

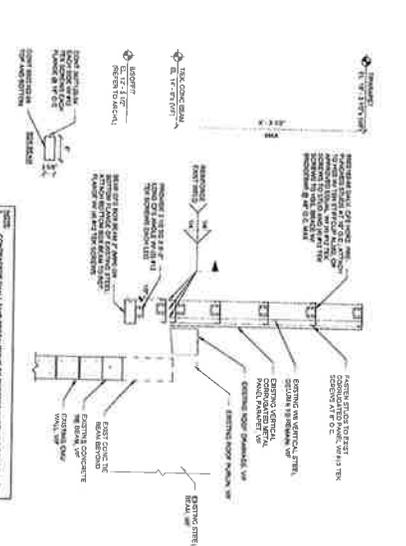
TSARK ARCHITECTURE, LLC
 1000 UNIVERSITY BLVD, SUITE 100
 PALM BEACH, FL 33480
 561.833.8888

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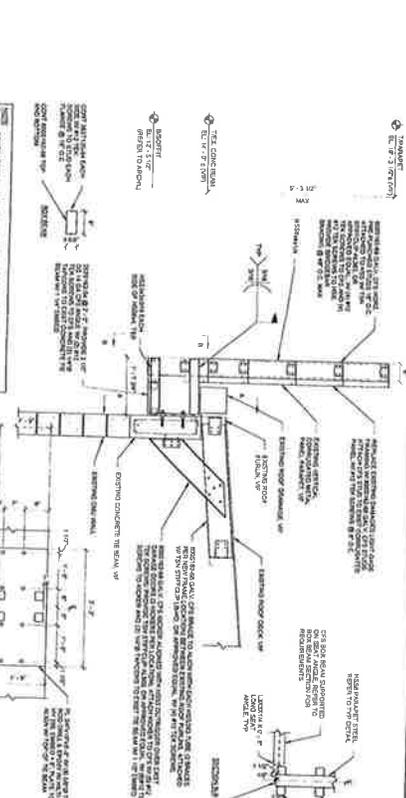
ROOF FRAMING PLAN

Sheet No: S4

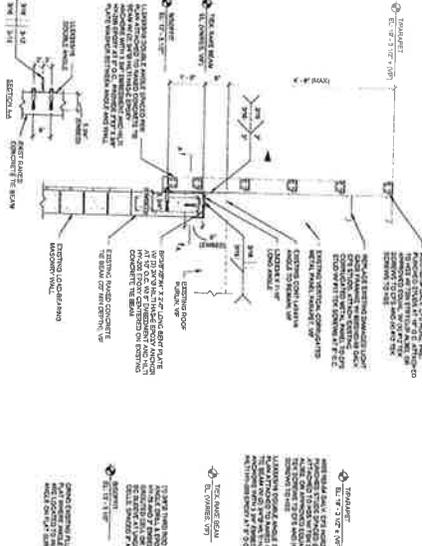
Project No: 180001
 Date: 07/20/18
 Designer: [Name]
 Checker: [Name]
 Title: [Name]



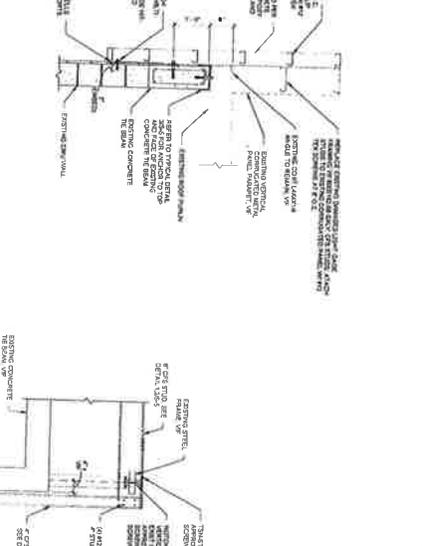
CONCRETE SHALL BE CAST IN PLACE TO PROVIDE A FINISH SURFACE TO MATCH THE EXISTING CONCRETE. THE FINISH SURFACE SHALL BE SMOOTH AND FREE OF DEFECTS. THE FINISH SURFACE SHALL BE TO MATCH THE EXISTING CONCRETE. THE FINISH SURFACE SHALL BE TO MATCH THE EXISTING CONCRETE.



CONCRETE SHALL BE CAST IN PLACE TO PROVIDE A FINISH SURFACE TO MATCH THE EXISTING CONCRETE. THE FINISH SURFACE SHALL BE SMOOTH AND FREE OF DEFECTS. THE FINISH SURFACE SHALL BE TO MATCH THE EXISTING CONCRETE. THE FINISH SURFACE SHALL BE TO MATCH THE EXISTING CONCRETE.



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1. TYPICAL CAST-IN-PLACE CONCRETE WALL SOFFIT FRAMING DETAIL AT BEAM

2. TYPICAL CAST-IN-PLACE CONCRETE WALL SOFFIT FRAMING DETAIL AT NEW FRAME

3. REINFORCED CONCRETE FRAMING PLAN

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Project No. 518221
 Date: 07/20/18
 Title: BREVARD COUNTY FIRE STATION NO. 63
 Scale: 3/4\"/>

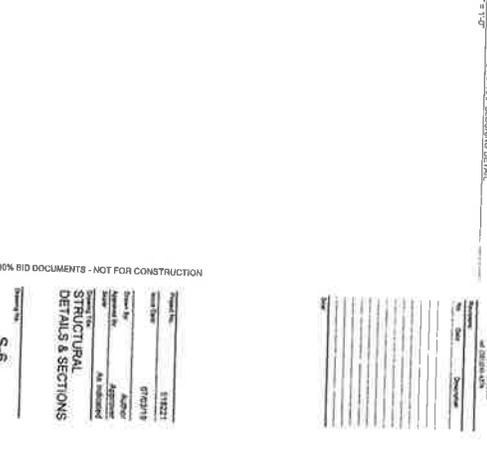
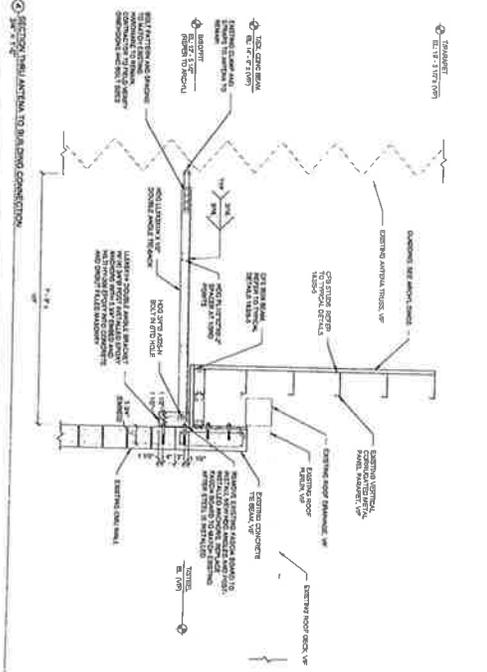
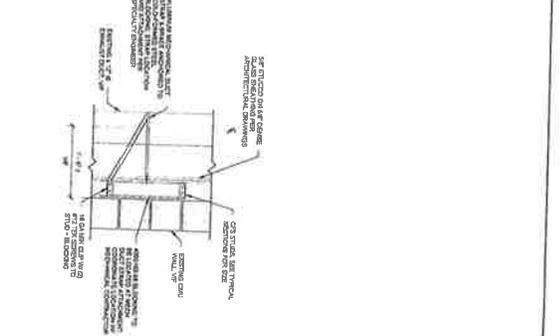
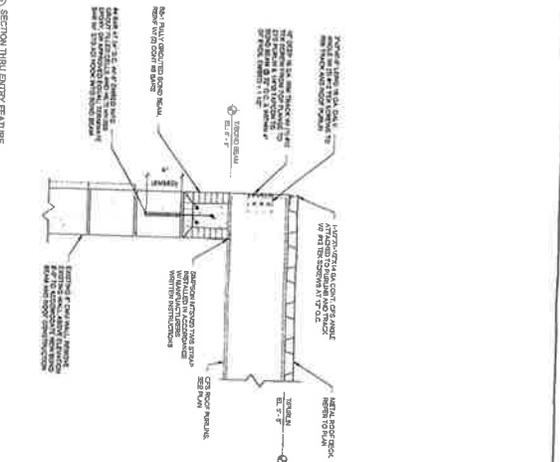
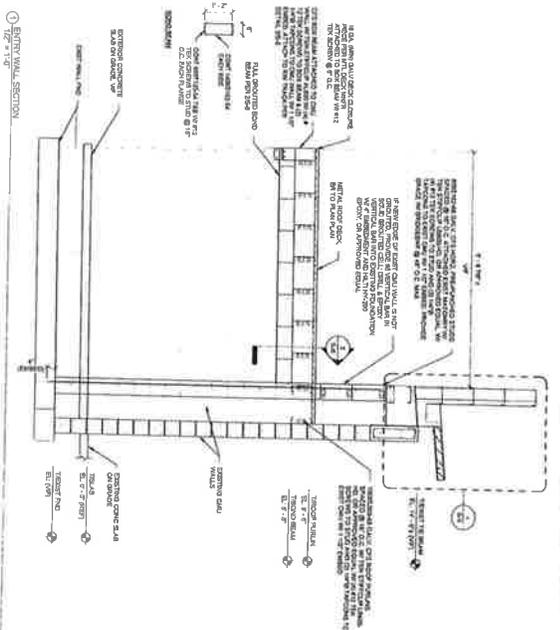
BREVARD COUNTY FIRE STATION NO. 63
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Project No.	19021
Sheet No.	S-6
Drawn By	ET/2/19
Checked By	AD/2/19
Approved By	AD/2/19
Scale	AS SHOWN
Notes	SEE MECHANICAL DUCT STRAP BLOCKING DETAIL

BREVARD COUNTY FIRE STATION NO. 63
2802 NORTH A1A INDIANLANTIC, FL



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COA 15

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