

SPECIFICATIONS, GENERAL TERMS AND CONDITIONS

**Request for Proposals**

**TOWN CENTER RENOVATION PROJECT**

**340 OCEAN DRIVE**



TOWN OF JUNO BEACH  
340 OCEAN DRIVE  
JUNO BEACH, FL 33408

ANDREA DOBBINS  
PROJECT COORDINATOR/  
RISK MANAGER  
(561) 656-0326

# **TOWN CENTER RENOVATION PROJECT**

## **TABLE OF CONTENTS**

Request for Proposals	Pg 3-4
Instructions to Proposers and Terms and Conditions	Pgs 5-10
Evaluation Criteria for Proposers	Pg 11
Introduction, Proposal Response Format, Scope of Work/Specifications	Pgs 12-13
Drug Free Workplace	Pg 14
Public Entity Crime Statement	Pgs 15-16
Proposal Form	Pg 17
Summary of Proposal Items	Pgs 18-20
Contract for Services	Pgs 21-31
Architectural Drawings	“Attachment A”
Architects Specifications on Flooring/Ceiling Tiles/ Lights	“Attachment B”

## **REQUEST FOR PROPOSALS**

The Town of Juno Beach will be receiving sealed proposals from qualified contractors to **Renovate the 2<sup>nd</sup> Floor Library Reading Room into a Multi-Purpose Room and Create a Climate Controlled Environment in an Existing Storage Garage**, in Juno Beach. This project will include, but is not limited to:

### **Town Center 2<sup>nd</sup> Floor**

- Remove interior walls & offer a *Design/Build* option for partitioning off the room (drawings for *Design/Build* to be provided by Proposer)
- Cap/remove/relocate existing ventilation/electrical pipes/conduit as necessary
- Install a new “mini-split” air conditioning unit for supplemental air flow
- Install cabinetry, shelving and dry bar
- Install recessed media box for cable TV/HDMI/CAT6 and duplex receptacle
- Install new flooring
- *Design/Build* option for new lighting and ceiling options (drawings for *Design/Build* to be provided by Proposer)
- *Design/Build* option for a pull down ladder providing attic access (drawings for *Design/Build* to be provided by Proposer)
- Replace exterior gutters/fascia, secure and/or replace aluminum railing, and resurface the deck on the attached balcony (material list to be provided by Proposer)

### **Storage Garage**

- Install new Mitsubishi MSY indoor A/C unit and related electrical panel equipment for storage garage.
- Provide and install new 10’ pull down ladder for attic access
- Provide and install new R-19 fiberglass batt insulation between trusses

**A mandatory pre-bid meeting will be held at the Town Center on Tuesday, January 29, 2019 at 10:00am.** Interested firms shall submit one (1) original and two (2) copies in a sealed envelope bearing the name and address of the firm and the words **“Town Center Renovation Project”** to Town of Juno Beach, 340 Ocean Drive, Juno Beach, Florida 33408 by **11:00 a.m. on Friday, March 1, 2019**. Any proposals received after the date and time specified will not be accepted and shall be returned unopened to the Proposer. All proposals will be publicly opened and acknowledged in the Town Council Chambers.

The Request for Proposal is open to inspection and may be obtained at the Town of Juno Beach, 340 Ocean Drive, Juno Beach, Florida 33408, on the Town’s website [www.juno-beach.fl.us](http://www.juno-beach.fl.us), Demandstar.com, VendorRegistry.com or by contacting Andrea Dobbins, Project Coordinator/Risk Manager, (561) 656-0326 or [adobbins@juno-beach.fl.us](mailto:adobbins@juno-beach.fl.us). A non-refundable \$5.00 charge for each hardcopy of the Request for Proposal will be required. Electronic copies are free of charge.

No proposal may be withdrawn for a period of 60 days after the scheduled closing date for the receipt of proposals except as otherwise provided in the Instructions to Proposers and Terms and Conditions.

The Town of Juno Beach reserves the right to reject any or all proposals, to waive technicalities, and to re-advertise. The award, if made, will be to the lowest responsive, responsible Proposer as determined solely by the Town.

TOWN OF JUNO BEACH, FLORIDA  
Andrea Dobbins  
Project Coordinator/Risk Manager

Publish: Palm Beach Post  
Sunday, January 6, 2019

# INSTRUCTIONS TO PROPOSERS AND TERMS AND CONDITIONS

## GENERAL INFORMATION

The Proposal Documents consist of:

1. Request for Proposals;
2. Instructions to Proposers and Terms and Conditions;
3. Proposal Form;
4. Drug Free Workplace Certification;
5. Sworn Statement on Public Entity Crimes;
6. Standard Contract;
7. Technical Specifications, Architectural Drawings, Product Reports, Exhibits and any Addenda issued prior to the date designated for receipt of proposals.

Complete sets of the Proposal Documents shall be used in preparing the Proposal. The Town of Juno Beach ("Owner") does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets. The Proposal Form is to be filled in, signed, and all required documents are to be placed in a sealed envelope bearing the words "**Town Center Renovation Project**" on the outside and mailed and received by or hand-delivered to the Project Coordinator on or before the specified time and date.

It is the sole responsibility of the Proposer to ensure that his/her Proposal is received by the Project Coordinator on or before the closing date and time. The Town shall in no way be responsible for delays caused by any other occurrence. Proposals submitted by telephone, email or facsimile will not be accepted.

The proposal opening time shall be scrupulously observed. Under no circumstances shall proposals delivered after the time specified be considered. Such proposals will be returned to the vendor unopened.

All proposals must be typewritten or filled in with pen and ink. Proposals by corporations must be executed in the corporate name by the president or a vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal must be affixed or the signature attested to by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.

Proposals by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All corrections made by a Proposer to the proposal price must be initialed.

Proposers shall not be allowed to modify their proposals after the opening time and date. Proposal files may be examined during normal working hours and after the proposal opening by

appointment.

The submission of a proposal shall constitute an incontrovertible representation by the Proposer that the Proposal Documents and Contract are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the work.

For information concerning this Proposal, please contact:

Andrea Dobbins, Project Coordinator/Risk Manager  
Town of Juno Beach  
340 Ocean Drive  
Juno Beach, FL 33408

**All questions must be submitted in writing by fax to 561-656-0327 or by email to [adobbins@juno-beach.fl.us](mailto:adobbins@juno-beach.fl.us) no later than 3:00pm EST, on February 22, 2019.**

Questions submitted after that date and time shall not be answered nor considered grounds for a protest.

Note: Written requirements in the Request for Proposal or its amendments are binding, oral communications are not.

#### CALENDAR OF EVENTS

Listed below are the important actions and dates/times by which the actions must be taken or completed. If the Town finds it necessary to change any of these dates/times, it will be accomplished by addendum. All listed times are Eastern Standard Time (EST) in Juno Beach, Florida.

<u>Date/Time</u>	<u>Action/Activity</u>
January 6, 2019	RFP available on Town website and other links
January 29, 2019, 10:00am	Mandatory Pre-Bid Meeting with Proposers
February 22, 2019, 3:00pm	Questions Due from Proposers
March 1, 2019, 11:00am	RFP Due/Proposals Acknowledged Publically
March 27, 2019	Town Council to evaluate and award proposal

#### ACCEPTANCE/REJECTION

The Town reserves the right to accept or to reject any or all proposals in whole or in part, with or without cause, to waive any informalities and technicalities and to make the award to the Proposer, who in the opinion of the Town, is the lowest responsive, responsible Proposer and whose Proposal will be most advantageous to the Town. The Town also reserves the right to reject the Proposal of any Proposer who has previously failed in the proper performance of an award or to deliver on time contracts of a similar nature or who is not in a position to perform properly under this award. The Town reserves the right to request a re-proposal.

#### ADDITIONAL TERMS AND CONDITIONS

No additional terms and conditions included with the Proposal Response shall be evaluated or considered and any and all such additional terms and conditions shall have no force and effect and are inapplicable to this proposal, whether submitted either purposely through intent or design

or inadvertently appearing separately in transmittal letters, specifications, literature, price lists or warranties. It is understood and agreed that the terms and conditions in this proposal solicitation are the only conditions applicable to the Proposal and the Proposer's authorized signature affixed to the Proposer acknowledgment form attests to this.

#### INTERPRETATIONS, CLARIFICATIONS AND ADDENDA

No oral interpretations will be made to any Proposer as to the meaning of the Proposal Documents. Any inquiry or request for interpretation received two (2) or more days prior to the date fixed for opening of Proposals will be given consideration. All such changes and interpretations will be made in writing in the form of an addendum and, if issued, will be mailed or sent by available means to all known prospective Proposers prior to the established Proposal opening date. Submission of a Proposal constitutes acknowledgment by the Proposer of the receipt of addenda. All addenda are a part of the Proposal Documents and each Proposer will be bound by such addenda, whether or not received by him. It is the responsibility of each Proposer to verify that he has received all addenda issued before Proposals are opened. No authorization is allowed by Town personnel to interpret, or give information as to Proposal requirements in addition to that which is contained in the written Proposal document and addenda.

#### CONTRACTUAL AGREEMENT

The Proposal Documents shall be included and incorporated in the Standard Contract, a copy of which is included in the Proposal Documents. The order of contract precedence will be the Contract and then Proposal Documents and Proposal Response. Any and all legal action necessary to enforce the Contract will be held in Palm Beach County and the Contract will be interpreted according to the laws of Florida.

#### FEDERAL AND STATE TAX

The Town is exempt from Federal and State taxes for tangible personal property. Vendors or contractors doing business with the Town shall not be authorized to use the Town's Tax Exemption Number in securing materials for performance of the work associated with this Project.

#### LEGAL REQUIREMENTS

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 proposal on a contract to provide any goods or services to a public entity, may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases or real 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 for a period of 36 months from the date of being placed on the convicted vendor list.

#### VARIANCES

The Proposer shall be responsible for reading very carefully, and understanding completely, the requirements and the specifications for the Contract being proposed. For purposes of proposal evaluation, Proposers must indicate any variances to the specifications, terms and conditions, no matter how slight. If variations are not stated in the proposal, it shall be construed that the

proposal fully complies with the specifications, terms and conditions as given herein.

#### TRADE, BRAND NAMES

Unless otherwise specifically provided in the specifications, reference to any equipment, material, article or patented process, by trade name, make or catalog number, shall be regarded as establishing a standard of quality and shall not be construed as limited competition. The Town reserves the right, however, to order specific brand/manufacturer items on a “NO SUBSTITUTE” basis where those items have been found by usage and experience to be the most durable, suitable, and acceptable for operational conditions of the Town.

#### AWARD

The Town reserves the right to hold all Proposals and Proposal Guarantees for a period not to exceed sixty (60) days after the date of proposal opening stated in the Request for Proposal.

#### PROPOSAL WITHDRAWAL

Any proposal may be withdrawn up until the time set for opening of the proposals. Any proposals not so withdrawn shall, upon opening, constitute an irrevocable offer to sell to the Town the goods or services set forth in the attached specifications until one or more of the proposals have been duly accepted by the Town.

If, within twenty-four hours (24) after Proposals are opened, any Proposer files a duly signed written notice with Owner and promptly demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of his/her Proposal, that Proposer may withdraw their Proposal. Thereafter, that Proposer will be disqualified from further proposals on the work.

#### CERTIFICATION

When applicable, vendor must hold Certificate of Competency issued by the State of Florida or the Palm Beach County Construction Industry Licensing Board and a current Business Tax Receipt. Copies of such Certificate and Receipt must be submitted with the Proposal and must be in the name of the vendor shown on the Proposal page.

#### NON-APPROPRIATIONS

The obligations of the Town to make a Proposal award and execute a Contract under the terms of this Request for Proposal are contingent upon funds lawfully appropriated for this purpose. Should funds not be appropriated for this purpose, the Town, at its sole discretion, shall have the right to reject all proposals.

#### PROPOSAL FORMS

In completing proposal forms, Proposers shall be governed by the following provisions.

- (A) Proposals must be made on the blanks provided herewith. The blank spaces in the proposal form must be filled in, regardless of whether quantities are shown, and no change shall be made either in the phraseology of, or in the items mentioned in the proposal form.



- (B) Lump sum proposals shall be shown in figures.
- (C) Any proposal which does not contain prices set opposite each of the items for which there is a blank space, or any proposal which in any manner fails to conform to the condition of the published notice may be rejected.
- (D) Proposals must be signed in ink by the Proposer with the signature in full.
- (E) Proposals that contain any omission, erasure, alteration, addition or item not called for, or that show irregularities of any kind, will be considered as informal or irregular. This will constitute cause for the rejection of the Proposal.
- (F) If a Proposer wishes to change prices, they shall strike the price and add the changes in the appropriate space. Changes shall be initialed by the person submitting the proposal. Any changes or alteration of prices in the proposal must be initialed. Failure to initial these changes or illegible entries or corrections or prices will be cause for the rejection of the proposal as informal or irregular.

#### QUALIFICATION OF PROPOSERS

This proposal shall be awarded only to a responsible Proposer, qualified by experience to provide the work specified. The Proposer shall submit the following information with his proposal:

- A. **Experience record showing the Proposer's completion of similar projects.**
- B. **List of at least three (3) projects with a brief description of similar work performed; please include location, date of contract, contact name, telephone number and address of owner.**
- C. **Evidence of valid state, county and local licenses and receipts proving authority to conduct business in the jurisdiction of the work.**

**Failure to submit the above requested information may be cause for rejection of the Proposal.**

#### SITE ACCESS AND DUTIES

For the performance of the contract, the contractor will be permitted to occupy such portions of the site as permitted by the owner or his representative. A reasonable amount of tools, materials or equipment for construction purposes may be stored in such place, but not more than is necessary to avoid delays in construction. Excavated and waste materials shall be piled or stocked in such a way as to not interfere with spaces that may be designated to be left free and unobstructed, not to inconvenience other contractors or the owners.

Upon completion of the work and before acceptance and final payment is made, the contractor shall clean and remove from the site of the work, surplus and discarded materials, temporary structures and debris of every kind. He shall leave the site of work in a neat and orderly condition equal to that which originally existed. Surplus and waste materials removed from the site of the work will be disposed of at locations satisfactory to the owner.

REGULATIONS, PERMITS AND FEES

The selected proposer will be required to obtain at its own expense all permits and/or licenses required to provide the required goods and/or services to the Town. The selected proposer must comply with all Federal, State and local laws and regulations that may apply. *A Juno Beach building permit is required for this project; NO FEES will be imposed on the selected proposer.*

CONE OF SILENCE

This Request for Proposals is subject to the Cone of Silence provisions of Section 2-355 of the Palm Beach County Code of Ordinances. Any contract or agreement entered into in violation of the cone of silence provisions shall render the transaction voidable.

EVALUATION CRITERIA FOR PROPOSERS

Proposers shall be ranked based on the following criteria.

<b>Max Points</b>	<b>Category</b>	<b>Points Awarded</b>
10	<i>Experience record showing the Proposer's completion of similar projects.</i>	
10	<i>List of at least three (3) jobs with a brief description of similar work performed (please include location, date of contract, name, telephone number and address of owner).</i>	
10	<i>Evidence of valid state, county and local licenses and receipts proving authority to conduct business in the jurisdiction of the work.</i>	
20	<i>Design/Build proposal ideas for Room Partition; Lighting/Ceiling Options; Attic Access</i>	
50	<i>Pricing</i>	

**INTRODUCTION, PROPOSAL RESPONSE FORMAT,  
SCOPE OF WORK/SPECIFICATIONS,**

**SECTION 1 – INTRODUCTION**

The Town of Juno Beach is seeking proposals from qualified contractors to **Renovate the 2<sup>nd</sup> Floor Library Reading Room into a Multi-Purpose Room and Create a Climate Controlled Environment in an Existing Storage Garage**, per the architectural drawings provided by InterPlan Inc. in Juno Beach. This project will include, but is not limited to:

**Town Center 2<sup>nd</sup> Floor**

- Remove interior walls & offer a *Design/Build* option for partitioning off the room (drawings for *Design/Build* to be provided by Proposer)
- Cap/remove/relocate existing ventilation/electrical pipes/conduit as necessary
- Install a new “mini-split” air conditioning unit for supplemental air flow
- Install cabinetry, shelving and dry bar
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- *Design/Build* option for a pull down ladder providing attic access (drawings for *Design/Build* to be provided by Proposer)
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**Storage Garage**

- Install new Mitsubishi MSY indoor A/C unit and related electrical panel equipment for storage garage.
- Provide and install new 10’ pull down ladder for attic access
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For information concerning this Proposal, please contact:

Andrea Dobbins, Project Coordinator/Risk Manager  
Town of Juno Beach  
340 Ocean Drive

Juno Beach, FL 33408  
[adobbins@juno-beach.fl.us](mailto:adobbins@juno-beach.fl.us), 561-656-0326, fax: 561-656-0327.

## **SECTION 2 – PROPOSAL RESPONSE FORMAT**

The proposer shall follow the following format when submitting their RFP. The Town is not interested in brochures or superfluous information. Only provide the items requested below.

1. Cover letter - Provide a letter on your company's letterhead with the following information:
  - a. Number of years in business. (Minimum 5 years desired.)
  - b. Include a description of the firm's experience in providing similar work and projects.
  - c. Federal tax ID number.
  - d. Copy of business license from your city of origin and proof the company is licensed to sell/perform their services in the State of Florida.
  - e. The staff person assigned to the Town's project. The expectation is that this person will be the point of contact for all activities on the account and will be responsible for making sure that all terms of the contract are executed according to the terms established.
  - f. Confirmation of any addendums posted.
  - g. State this proposal is valid for 60 days from the due date of the RFP.
  - h. The letter must be signed by a person authorized to bind the company in a contract with the Town.
  
2. References – Provide a minimum of three (3) projects with a brief description of similar work performed. Provide the designated contact person's name, title, organization, address, telephone number, email address, location and date.
  
3. Itemized Summary of Proposal Items to include all materials and labor to satisfactorily complete this project. Use Proposal Form provided.
  
4. Provide specific statements on product specifications, if necessary.
  
5. Provide a Timeline or Date for Completion of the project. (must be completed within 90 days of commencement)

## **SECTION 3 – SCOPE OF WORK/SPECIFICATIONS**

Please see the following attachments:

- Attachment A - Architectural Drawings
- Attachment B - Architect's Specifications on flooring/ceiling tiles/lights

## **DRUG FREE WORKPLACE**

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more proposals which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie proposals will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under proposal a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

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Vendor's Signature

**SWORN STATEMENT PURSUANT TO SECTION 287.133(3)(a),  
FLORIDA STATUTES, ON ENTITY CRIMES**

1. This sworn statement is submitted to the Town of Juno Beach, Florida  
by \_\_\_\_\_  
(print individual's name and title)  
for \_\_\_\_\_  
(print name of entity submitting sworn statement)

whose business address is \_\_\_\_\_  
\_\_\_\_\_

and (if applicable) its Federal Employer Identification Number (FEIN) is: \_\_\_\_\_

(If the entity has no FEIN, include the Social Security Number of the Individual signing this sworn statement: \_\_\_\_\_)

2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any proposal or contract for goods or services to be provided to any public entity or an agency or political subdivision or any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), **Florida Statutes**, means:

- a. A predecessor or successor of a person convicted of a public entity crime; or
- b. An entity under the control any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

5. I understand that a "person" as defined in Paragraph 287.133(1)(e), **Florida Statutes**, means any natural person or entity organized under the laws of any state or of the United States

with the legal power to enter into binding contract and which proposals or applies to proposal on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **(indicate which statement applies.)**

\_\_\_\_\_Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

\_\_\_\_\_The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

\_\_\_\_\_The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. **(attach a copy of the final order)**

**I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT HIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.**

\_\_\_\_\_  
**(Signature)**

The foregoing document was sworn and subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_, 2019 by \_\_\_\_\_, who is personally known to me or produced \_\_\_\_\_ as identification.

\_\_\_\_\_  
Notary Public

My Commission Expires:



## PROPOSAL FORM

Proposal of \_\_\_\_\_(Contractor), to furnish all materials, equipment and labor and to perform all described work in accordance with the requirements of the specifications and contract documents for:

### **Town Center Renovation Project**

TO: Andrea Dobbins, Project Coordinator/Risk Manager  
Town of Juno Beach  
340 Ocean Drive  
Juno Beach, FL 33408

**A MANDATORY PRE-PROPOSAL MEETING ON TUESDAY, JANUARY 29, 2019 AT 10:00A.M. AT THE JUNO BEACH TOWN CENTER, 340 OCEAN DRIVE, JUNO BEACH, FL 33408**

**PROPOSAL OPENING DATE: FRIDAY, MARCH 1, 2019 at 11:00 A.M. AT THE JUNO BEACH TOWN CENTER, 340 OCEAN DRIVE, JUNO BEACH, FL 33408**

**EACH PROPOSER WILL BE ASKED TO MAKE A PRESENTATION TO THE TOWN COUNCIL FOR FINAL AWARD OF THIS PROJECT ON MARCH 27, 2019 AT 5:30P.M.**

Proposal prices shall be summarized on the SUMMARY OF PROPOSAL ITEMS on the following pages. It is the responsibility of the contractor to provide all material and equipment needed for the successful renovation of this project.

Details and specifications are provided and/or referenced in the architectural plans which are part of these contract documents.

**SUMMARY OF PROPOSAL ITEMS**

**BASE CONTRACT PROPOSAL ITEMS**

NOTE: PROPOSALS shall include all sales tax and other applicable taxes and fees. PROPOSER agrees to perform all of the work described in the Contract Documents and on the Architectural Plans in the following unit prices or lump sum(s).

<b><u>Base Proposal Item Number</u></b>	<b><u>Description</u></b>	<b><u>Amount</u></b>
1.*	Complete Renovation of 2 <sup>nd</sup> Floor Library/Reading Room per Architectural drawings by InterPlan Inc.	
2.	Create a climate controlled environment in storage garage including the addition of insulation and a pull down ladder for attic access per Architectural drawings by InterPlan Inc.	
3.	Replace exterior gutters/fascia, secure and/or replace aluminum railing, and resurface the deck on the attached balcony (**please provide an explanation of the process and the “product specifications” that will be used to resurface the deck)	
	TOTAL PROPOSAL AMOUNT	

\*see next page for alternate bid items for this portion of the project

**STATE PRICE IN WORDS AND FIGURES**

**TOTAL PROPOSAL FOR 2<sup>nd</sup> FLOOR RENOVATION  
& STORAGE GARAGE MODIFICATIONS**

\_\_\_\_\_

\_\_\_\_\_ **DOLLARS (\$ \_\_\_\_\_)**

**“OPTIONAL”**

**SUMMARY OF PROPOSAL ITEMS**

**ALTERNATE CONTRACT PROPOSAL ITEMS**

NOTE: PROPOSALS shall include all sales tax and other applicable taxes and fees. PROPOSER agrees to perform all of the work described in the Contract Documents and on the Architectural Plans in the following unit prices or lump sum(s).

<b><u>Alternate Proposal Item Number</u></b>	<b><u>Description</u></b>	<b><u>Amount</u></b>
1A.	Remove interior walls & offer a <i>Design/Build</i> option for partitioning off the room	
1B.	<i>Design/Build</i> option for new lighting and ceiling options	
1C.	<i>Design/Build</i> option for a pull down ladder providing attic access	
	TOTAL PROPOSAL AMOUNT FOR ALTERNATE ITEMS	

**STATE PRICE IN WORDS AND FIGURES**

**TOTAL PROPOSAL FOR DESIGN/BUILD ALTERNATE ITEMS  
FOR 2<sup>nd</sup> FLOOR RENOVATION**

\_\_\_\_\_ )  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_ )

**Proposal includes the following:**

- ❑ Summary of Proposal Items (Base Contract & Alternate Items)
- ❑ Design/Build Drawings as presented by Proposer
- ❑ Drug Free Workplace
- ❑ Public Entity Crime Statement
- ❑ Qualification of Proposers

The undersigned Proposer has carefully examined the specifications and contract documents and the site of the proposed work. The undersigned is familiar with the nature and extent of the work and any local conditions that may in any manner affect the work to be done. The undersigned agrees to do all the work and furnish all materials called for by the specifications and proposal documents, in the manner prescribed therein and to the standards of quality and performance established by the Town of Juno Beach for the prices designated in the spaces herein provided. The Town reserves the right to alter or exchange any provision of this proposal with the successful Proposers acknowledgment.

---

Signature \_\_\_\_\_ Print Name \_\_\_\_\_

---

Title \_\_\_\_\_ Date \_\_\_\_\_ Phone Number \_\_\_\_\_

Address: \_\_\_\_\_

Attest: \_\_\_\_\_

## CONTRACT FOR SERVICES

This Contract is made as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Town of Juno Beach, a Florida municipal corporation, hereinafter referred to as the TOWN, and \_\_\_\_\_  
[ ] an individual, [ ] a partnership, [ ] a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONTRACTOR, whose Federal I.D. or Social Security number is \_\_\_\_\_.

In consideration of the mutual promises contained herein, the TOWN and the CONTRACTOR agree as follows:

### ARTICLE 1-SERVICES

The CONTRACTOR'S responsibility under this Contract is to complete all elements of this renovation project located at 340 Ocean Drive, Juno Beach, FL, in accordance with the Specifications and Terms and Conditions set forth in the Proposal Documents and as identified on the architectural drawings prepared by Inter-Plan Inc. and all Design/Build proposals submitted by the contractor and approved by the Town, which are incorporated herein by reference.

The TOWN'S representative/liaison during the performance of this Contract shall be Andrea Dobbins, Project Coordinator/Risk Manager, telephone number 561-656-0326.

### ARTICLE 2-SCHEDULE

Services shall commence upon issuance of the Notice to Proceed by the Town and shall be completed within **ninety (90) days** of the issuance of the Notice to Proceed.

### ARTICLE 3-PAYMENTS TO CONTRACTOR

- A. Generally - The TOWN agrees to compensate the CONTRACTOR in accordance with the Proposal submitted by the CONTRACTOR. The total and cumulative amount of this contract shall not exceed the amount of funds annually budgeted for these services nor shall said fees exceed the amounts as set forth in the Proposal.
- B. Payments - Invoices received from the CONTRACTOR pursuant to this Contract will be reviewed and approved by the TOWN'S representative, indicating that services have been rendered in conformity with the Contract and then will be sent to the Finance Department for payment. CONTRACTOR will invoice the TOWN in advance for each payment period. Invoices will normally be paid within thirty (30) days following the TOWN representative's approval.
- C. Final Invoice - In order for both parties herein to close their books and records, the CONTRACTOR will clearly state "final invoice" on the CONTRACTOR'S final/last

billing to the TOWN. This certifies that all services have been properly performed and all charges have been invoiced to the Town of Juno Beach. Since this account will thereupon be closed, any and other further charges if not properly included in this final invoice are waived by the CONTRACTOR.

#### **ARTICLE 4-TERMINATION**

This Contract may be cancelled by the CONTRACTOR upon thirty (30) days prior written notice to the TOWN'S representative in the event of substantial failure by the TOWN to perform in accordance with the terms of this Contract through no fault of the CONTRACTOR. It may also be terminated, in whole or in part, by the TOWN, with or without cause, upon thirty (30) days written notice to the CONTRACTOR. Unless the CONTRACTOR is in breach of this Contract, the CONTRACTOR shall be paid for services rendered to the TOWN'S satisfaction through the date of termination. After receipt of a Termination Notice and except as otherwise directed by the TOWN the CONTRACTOR shall:

- A. Stop work on the date and to the extent specified.
- B. Terminate and settle all orders and subcontracts relating to the performance of the terminated work.
- C. Transfer all work in progress, completed work, and other materials related to the terminated work to the TOWN.
- D. Continue and complete all parts of the work that have not been terminated.

#### **ARTICLE 5-PERSONNEL**

The CONTRACTOR represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the TOWN.

All of the services required hereunder shall be performed by the CONTRACTOR or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

The CONTRACTOR warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

All of the CONTRACTOR'S personnel (and all Subcontractors) while on Town premises, will comply with all Town requirements governing conduct, safety, and security.

#### **ARTICLE 6-INSURANCE**

- A. Prior to execution of this Contract by the TOWN the CONTRACTOR shall provide certificates evidencing insurance coverage as required hereunder. All insurance

policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Certificates shall clearly indicate that the CONTRACTOR has obtained insurance of the type, amount, and classification as required for strict compliance with this Article and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the TOWN'S representative. Compliance with the foregoing requirements shall not relieve the CONTRACTOR of its liability and obligations under this Contract.

- B. The CONTRACTOR shall maintain, during the life of this Contract, commercial general liability, including contractual liability insurance in the amount of \$1,000,000 per occurrence to protect the CONTRACTOR from claims for damages for bodily and personal injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this Contract, whether such operations be by the CONTRACTOR or by anyone directly employed by or contracting with the CONTRACTOR.
- C. The CONTRACTOR shall maintain, during the life of this Contract, comprehensive automobile liability insurance in the minimum amount of \$500,000 combined single limit for bodily injury and property damages liability to protect the CONTRACTOR from claims for damages for bodily and personal injury, including death, as well as from claims for property damage, which may arise from the ownership, use, or maintenance of owned and non-owned automobiles, including rented automobiles whether such operations be by the CONTRACTOR or by anyone directly or indirectly employed by the CONTRACTOR.
- D. The parties to this Contract shall carry Workers' Compensation Insurance and Employer's Liability Insurance for all employees as required by Florida Statutes. In the event that a party does not carry Workers' Compensation Insurance and chooses not to obtain same, then such party shall, in accordance with Section 440.05, Florida Statutes, apply for and obtain an exemption authorized by the Department of Insurance and shall provide a copy of such exemption to the TOWN.
- E. All insurance, other than Worker's Compensation, to be maintained by the CONTRACTOR shall specifically include the TOWN as an Additional Insured".

#### **ARTICLE 7-INDEMNIFICATION**

The CONTRACTOR shall indemnify and save harmless and defend the TOWN, its agents, servants, and employees from and against any and all claims, liability, losses, and/or cause of action which may arise from any negligent act or omission of the CONTRACTOR, its agents, servants, or employees in the performance of services under this Contract.

The CONTRACTOR further agrees to indemnify, save harmless and defend the TOWN, its agents, servants and employees from and against any claim, demand or cause of action of whatsoever kind or nature arising out of any conduct or misconduct of the CONTRACTOR its agents, servants, or employees not included in the paragraph above and for which the TOWN,

its agents, servants or employees are alleged to be liable. Nothing contained in this provision shall be construed or interpreted as consent by the TOWN to be sued, nor as a waiver of sovereign immunity beyond the waiver provided in Section 768.28, Florida Statutes.

#### **ARTICLE 8-SUCCESSORS AND ASSIGNS**

The TOWN and the CONTRACTOR each binds itself and its partners, successors, executors, administrators, and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the TOWN nor the CONTRACTOR shall assign, sublet, convey or transfer its interest in this Contract without the written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the TOWN which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the TOWN and the CONTRACTOR.

#### **ARTICLE 9-REMEDIES**

No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

#### **ARTICLE 10-EXCUSABLE DELAYS**

The CONTRACTOR shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the CONTRACTOR or its subcontractors and without their fault or negligence. Such causes include, but are not limited to: acts of God; natural or public health emergencies; labor disputes; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the CONTRACTOR'S request, the TOWN shall consider the facts and extent of any failure to perform the work and, if the CONTRACTOR'S failure to perform was without it or its subcontractor's fault or negligence the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the TOWN'S rights to change, terminate, or stop any or all of the work at any time.

#### **ARTICLE 11-INDEPENDENT CONTRACTOR RELATIONSHIP**

The CONTRACTOR is, and shall be, in the performance of all work, services and/or activities under this Contract, an Independent Contractor, and not an employee, agent, or servant of the TOWN. All persons engaged in any of the work, services and/or activities performed pursuant to this Contract shall at all times, and in all places, be subject to the CONTRACTOR'S sole direction, supervision, and control. The CONTRACTOR shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the



CONTRACTOR'S relationship and the relationship of its employees, agents, or servants to the TOWN shall be that of an Independent Contractor and not as employees or agents of the TOWN.

The CONTRACTOR does not have the power or authority to bind the TOWN in any promise, agreement or representation other than as specifically provided for in this agreement.

#### **ARTICLE 12-NONDISCRIMINATION**

The CONTRACTOR warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, or sexual orientation.

#### **ARTICLE 13- ENFORCEMENT COSTS**

If any legal action or other proceeding is brought for the enforcement of this Contract, or because of an alleged dispute, breach, default or misrepresentation in connection with any provisions of this Contract, the successful or prevailing party or parties shall be entitled to recover reasonable attorney's fees, court costs and all expenses (including taxes) even if not taxable as court awarded costs (including, without limitation, all such fees, costs and expenses incident to appeals), incurred in that action or proceeding, in addition to any other relief to which such party or parties may be entitled.

#### **ARTICLE 14- AUTHORITY TO CONDUCT BUSINESS**

The CONTRACTOR hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the TOWN'S representative upon request.

#### **ARTICLE 15- SEVERABILITY**

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent, be held invalid or unenforceable, to remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

#### **ARTICLE 16-PUBLIC ENTITY CRIMES**

As provided in F.S. 287.132-133 by entering into this Contract or performing any work in furtherance hereof, CONTRACTOR certifies that it, its affiliates, suppliers, subcontractors and any other contractors who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the thirty-six (36) months immediately preceding the date hereof. This notice is required by F.S.287.133(3)(a).

**ARTICLE 17- MODIFICATIONS OF WORK**

The TOWN reserves the right to make changes in Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the CONTRACTOR of the TOWN'S notification of a contemplated change, the CONTRACTOR shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change, (2) notify the TOWN of any estimated change in the completion date, and (3) advise the TOWN if the contemplated change shall effect the CONTRACTOR'S ability to meet the completion dates or schedules of this Contract.

If the TOWN so instructs in writing, the CONTRACTOR shall suspend work on that portion of the Scope of Work affected by the contemplated change, pending the TOWN'S decision to proceed with the change.

If the TOWN elects to make the change, the TOWN shall initiate a Contract Amendment and the CONTRACTOR shall not commence work on any such change until such written amendment is signed by the CONTRACTOR and approved and executed by the Town of Juno Beach.

**ARTICLE 18- NOTICE**

All notices required in this Contract shall be sent by certified mail, return receipt requested, and if sent to the TOWN shall be mailed to:

Town of Juno Beach  
Attention: Andrea Dobbins, Project Coordinator/Risk Manager  
340 Ocean Drive  
Juno Beach, Florida 33408

and if sent to the CONTRACTOR shall be mailed to:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ARTICLE 19- ENTIRETY OF CONTRACTUAL AGREEMENT**

The TOWN and the CONTRACTOR agree that this Contract sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 26- Modifications of Work.

**ARTICLE 20- WARRANTY/GUARANTY**

CONTRACTOR warrants that its Services under this Contract will be free of defects in materials and workmanship for a period of one year following completion of those Services.

## **ARTICLE 21 – PROTECTION OF WORK AND PROPERTY**

The CONTRACTOR shall continuously maintain adequate protection of all work from damage, and shall protect the TOWN'S property from injury or loss arising in connection with the Contract. Except for any such damage, injury, or loss, except that which may be directly due to errors caused by the TOWN or employees of the TOWN, the CONTRACTOR shall provide any necessary materials to maintain such protection.

Until acceptance of the work by the TOWN, the TOWN'S property shall be under the charge and care of the CONTRACTOR and the CONTRACTOR shall take every necessary precaution against injury or damage to the work by the action of elements or from any other cause whatsoever, and the CONTRACTOR shall repair, restore and make good, without additional work occasioned by any of the above causes before its completion and acceptance.

## **ARTICLE 22 – TIME IS OF THE ESSENCE/LIQUIDATED DAMAGES.**

Time is of the essence in all respects under this Contract, and the parties agree that the TOWN will suffer financial loss if the work contemplated herein is not completed within the time specified, including any authorized extensions. The parties also recognize the delays, expense and difficulties involved in proving in a legal proceeding the actual loss suffered by the TOWN if the work is not completed on time. Accordingly, instead of requiring any such proof, the TOWN and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay to the TOWN an amount equal to one-half of one percent of the total Contract price for each week, or portion thereof, that expires after the time specified for completion, with a one-week grace period. In other words, no such damages shall accrue until **ninety seven (97)** days after the issuance of the Notice to Proceed. Liquidated damages may be deducted from payments due to the CONTRACTOR.

## **ARTICLE 23 - WAIVER**

Failure of the TOWN to enforce or exercise any right(s) under this Contract shall not be deemed a waiver of TOWN'S right to enforce or exercise said right(s) at any time thereafter.

## **ARTICLE 24 - PREPARATION**

This Contract shall not be construed more strongly against either party regardless of who was more responsible for its preparation.

## **ARTICLE 25 - MATERIALITY**

All provisions of the Contract shall be deemed material. In the event CONTRACTOR fails to comply with any of the provisions contained in this Contract or exhibits, amendments and addenda attached hereto, said failure shall be deemed a material breach of this Contract and TOWN may at its option and without notice terminate this Contract.

## **ARTICLE 26 - REPRESENTATIONS/BINDING AUTHORITY**

CONTRACTOR represents that the person executing this Agreement has the power, authority and legal right to execute and deliver this Contract and perform all of its obligations under this Contract.

## **ARTICLE 27 - CONTRACT DOCUMENTS AND CONTROLLING PROVISIONS**

This Contract consists of Architectural Plans (Attachment "A"), General Terms and Conditions for the construction and completion of the **Town Center Renovation Project** and all Proposal Documents issued by the TOWN. The CONTRACTOR agrees to be bound by all the terms and conditions set forth in the aforementioned documents. To the extent that there exists a conflict between this Contract and the remaining documents, the terms, conditions, covenants, and/or provisions of this Contract shall prevail. Wherever possible, the provisions of such documents shall be construed in such a manner as to avoid conflicts between provisions of the various documents.

## **ARTICLE 28 - LEGAL EFFECT**

This Contract shall not become binding and effective until approved by the TOWN Council of the TOWN of Juno Beach or its designated representative.

## **ARTICLE 29 - DEFAULT**

Notwithstanding anything contained in this Contract to the contrary, the parties agree that the occurrence of any of the following shall be deemed a material event of default and shall be grounds for termination:

- a. The filing of a lien by any subcontractor or third tier subcontractor including, but not limited to materialmen, suppliers, or laborers, upon any property, right of way, easement or other interest in land or right to use within the territorial boundaries of the TOWN which lien is not satisfied, discharged or contested in a court of law within thirty (30) days from the date of notice to the CONTRACTOR;
- b. The filing of any judgment lien against the assets of CONTRACTOR related to the performance of this Contract which is not satisfied, discharged or contested in a court of law within thirty (30) days from the date of notice to the CONTRACTOR; or
- c. The filing of a petition by or against CONTRACTOR for relief under the Bankruptcy Code, or for its reorganization or for the appointment of a receiver or trustee of CONTRACTOR or CONTRACTOR's property; or an assignment by CONTRACTOR for the benefit of creditors; or the taking possession of the property of CONTRACTOR by any governmental officer or agency pursuant to statutory authority for the dissolution or liquidation of CONTRACTOR; or if a temporary or permanent receiver or trustee shall be appointed for CONTRACTOR or for CONTRACTOR's property and such temporary

or permanent receiver or Trustee shall not be discharged within thirty (30) days from the date of appointment.

CONTRACTOR shall provide written notice to the TOWN of the occurrence of any event of default within ten (10) days of CONTRACTOR's receipt of notice of any such default.

### **ARTICLE 30 - AUDITS**

If applicable, the Contractor shall maintain books, records and documents directly pertinent to performance under this Agreement in accordance with generally accepted accounting principles. The Commission, the State of Florida, or their authorized representatives shall have access to such records for audit purposes during the term of this Agreement and for five (5) years following Agreement completion.

### **ARTICLE 31 – INSPECTOR GENERAL**

CONTRACTOR is aware that the Inspector General of Palm Beach County has the authority to investigate and audit matters relating to the negotiation and performance of this contract and in furtherance thereof, may demand and obtain records and testimony from the CONTRACTOR and its subcontractors. CONTRACTOR understands and agrees that in addition to all other remedies and consequences provided by law, the failure of contractor or its subcontractors to fully cooperate with the Inspector General when requested may be deemed by the TOWN to be a material breach of the Contract Documents justifying termination.

### **ARTICLE 32 - EMPLOYEES**

Persons employed by the Contractor in the performance of services pursuant to this proposal shall not be considered employees of the Town, shall be independent thereof and shall have no claim against the Town as to pension, workers compensation, insurance, salary, wages or other employee rights or privileges granted by operation of law, and shall be 18 years of age or older. Under no circumstances will any employee of the Contractor be permitted to allow minors (under 18 years of age) and/or anyone who is not an employee of the contractor to enter any Town facility at any time for any reason.

All personnel shall be required to wear proper attire, which, at a minimum includes a standard shirt carrying the company name and/or logo, present a good appearance and maintain a professional code of conduct. The Contractor will insure that all County, State of Florida, OSHA and other applicable safety regulations are met.

### **ARTICLE 33 - PUBLIC RECORDS**

IF 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 RECORDS, TOWN CLERK CAITLIN COPELAND AT (561)656-0316 OR [CCOPELAND@JUNO-BEACH.FL.US](mailto:CCOPELAND@JUNO-BEACH.FL.US), 340 OCEAN DRIVE, JUNO BEACH, FL 33408

CONTRACTOR shall comply with the provisions of Section 119.0701, Florida Statutes, and specifically agrees to:

- A. Keep and maintain public records required by the TOWN to perform the service.
- B. Upon request from the TOWN's custodian of public records, provide the TOWN with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law.
- C. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if CONTRACTOR does not transfer the records to the public agency.
- D. Upon completion of the contract, transfer, at no cost, to the TOWN all public records in possession of CONTRACTOR or keep and maintain public records required by the TOWN to perform the service. If CONTRACTOR transfers all public records to the TOWN upon completion of the contract, CONTRACTOR shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If CONTRACTOR keeps and maintains public records upon completion of the contract, CONTRACTOR shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the TOWN, upon request from the TOWN's custodian of public records, in a format that is compatible with the information technology systems of the TOWN.

IN WITNESS WHEREOF, the TOWN and CONTRACTOR hereto have made and executed this Contract as of the day and year first above written.

TOWN OF JUNO BEACH

CONTRACTOR:

BY: \_\_\_\_\_  
TOWN MANAGER

BY: \_\_\_\_\_  
Name:  
Title:

ATTEST:

BY: \_\_\_\_\_  
TOWN CLERK

APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY

BY: \_\_\_\_\_  
TOWN ATTORNEY

**BIG when you need it, small when you don't.**

Get multiple heights in just one ladder!

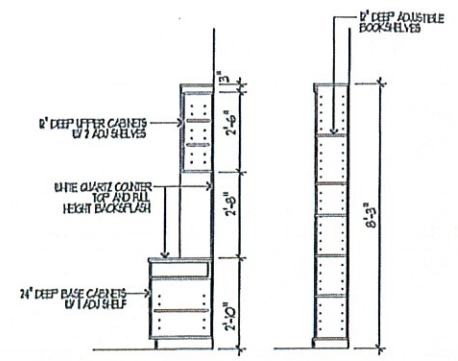


Model: 180CEP Pro  
Type IA, 300 lbs (136 kg) Capacity  
Height Closed: 34 in.  
Height Open: 14.5 ft.  
Reach Height: 18 ft.  
Product Weight: 30.5 lbs.

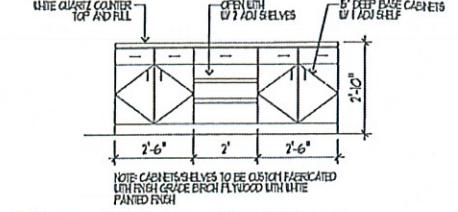
All Telescoping Ladders meet & exceed Global Safety standards.  
OSHA Compliant  
ANSI 14.2 Tested  
AS/NZ EN-1316  
TUV GS  
Telescoping Extension Ladder  
Model: 180CEP PRO  
Get multiple uses with multiple heights in just one ladder.  
Easy to carry, easy to use, easy to store!  
100% Aircraft Grade Aluminum  
Type IA, 300 lbs (136 kg) Capacity  
Height Closed: 34 in.  
Height Open: 14.5 ft.  
Reach Height: 18 ft.  
Product Weight: 30.5 lbs.

**GENERAL NOTES** CONTRACTOR ALSO REFERS TO ALL SUBCONTRACTORS WHERE APPLICABLE

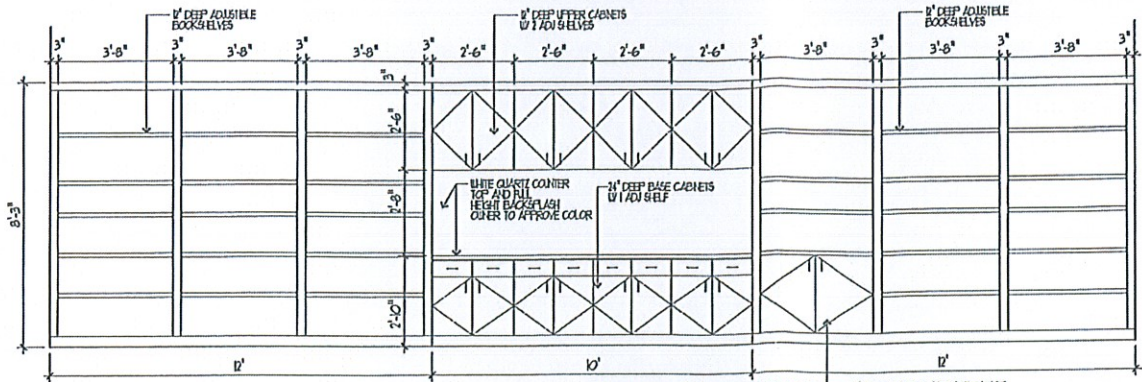
- CONSTRUCTION SHALL FOLLOW 2017 (16TH ED) FLORIDA BUILDING CODES, AND 2017 (16TH EDITION) FLORIDA FIRE CODES.
- BUILDER SHALL COORDINATE ALL THE WORK OF ALL THE TRADES. ALL TRADES SHALL VERIFY ALL DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH THE WORK.
- ALL DIMENSIONS ARE NOMINAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOBSITE PRIOR TO STARTING ANY WORK AND NOTIFY OWNER OR ARCHITECT IN WRITING IMMEDIATELY OR THE BUILDER SHALL ACCEPT ALL RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS. DO NOT SCALE DRAWINGS.
- THIS IS A MODIFICATION TO AN EXISTING BUILDING. EXISTING CONDITIONS ARE INDICATED AS BEST AS POSSIBLE. HOWEVER, THE CONTRACTOR MUST VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING.
- CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL OR NON-STRUCTURAL MEMBERS DURING CONSTRUCTION.
- CONTRACTOR SHALL BE FAMILIAR WITH, AND COMPLY WITH, ALL OF THE CONSTRUCTION POLICES AND PROCEDURES ESTABLISHED BY THE BUILDING OWNER. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES, AS REQUIRED, WITH THE OWNER, INCLUDING HOURS OF WORK, TRASH REMOVAL, CONSTRUCTION ACCESS AND MATERIALS DELIVERY.
- COMPLIANCE WITH ALL SAFETY REGULATIONS AND JOB SITE SAFETY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL MAINTAIN COMPLETE INSURANCE COVERAGE, INCLUDING WORKMAN'S COMPENSATION, GENERAL LIABILITY AND BUILDER'S RISK INSURANCE.
- USE EXTREME CAUTION DURING ANY DEMOLITION OF ANY EXISTING FACILITIES AND NEW CONSTRUCTION. DO NOT DAMAGE ANY SURFACES OR FINISHES NOT OTHERWISE SCHEDULED FOR REPLACEMENT. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF DAMAGED SURFACES OR ITEMS AS A RESULT OF NOT PROTECTING SUCH SURFACES OR ITEMS. PROVIDE TEMPORARY BRACING FOR ALL ELEMENTS SUBJECT TO FALLING OR COLLAPSE.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS FOR THE CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE ALL INSPECTIONS AND OBTAIN A CERTIFICATE OF OCCUPANCY OR INSPECTION FINAL AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
- UNLESS OTHERWISE NOTED, PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED TO COMPLETE THE PROJECT.
- COORDINATE ALL WORK WITH MANUFACTURER'S INSTALLATION SPECIFICATIONS AND INSTRUCTIONS.
- PROVIDE ALL NECESSARY BRACING FOR PARTITIONS TO STRUCTURE ABOVE.
- ALL WOOD IN CONTACT WITH MASONRY, CONCRETE, OR STEEL SHALL BE PRESSURE TREATED. PROVIDE AN APPROVED MOISTURE VAPOR BARRIER BETWEEN THE CONCRETE OR OTHER CEMENTITIOUS MATERIALS AND THE WOOD AS REQUIRED PER APPLICABLE CODE.
- ALL WORK BY ALL TRADES TO BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, STANDARDS OR RESTRICTIONS, WHETHER INDICATED ON THE DRAWINGS OR NOT. ALL CONTRACTORS, SUBCONTRACTORS, AND SUPPLIERS TO BE PROPERLY LICENSED AND INSURED AS REQUIRED BY LAW BEFORE PERFORMING ANY WORK ON THE PROJECT.
- EXIT DOOR LOCKS SHALL NOT REQUIRE ANY KEY TO OPERATE FROM THE INSIDE.
- CONTRACTOR SHALL MAINTAIN ALL WARRANTIES, INSTRUCTION BOOKS, OPERATIONAL GUIDES, ETC. IN A SINGLE NOTEBOOK FORMAT TO BE PRESENTED TO THE OWNER UPON COMPLETION OF THE CONSTRUCTION.
- ANY INTERIOR FRAME WALLS TO BE FRAMED WITH METAL STUDS. PROVIDE BACKING WHERE REQUIRED FOR ATTACHMENT OF FIXTURES, SHELVES, CABINETS, ETC.
- CLEANUP- REMOVE ALL RUBBISH AND DEBRIS DAILY. LEAVE JOB CLEAN UPON COMPLETION OF WORK, INCLUDING, BUT NOT LIMITED TO, CLEANING OF ALL HARDWARE, FIXTURES, GLASS, CABINETRY, FLOORS, WALLS, LIGHTS AND SPECIALTIES.
- THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2". RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4" AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 1/2 (50% SLOPE)



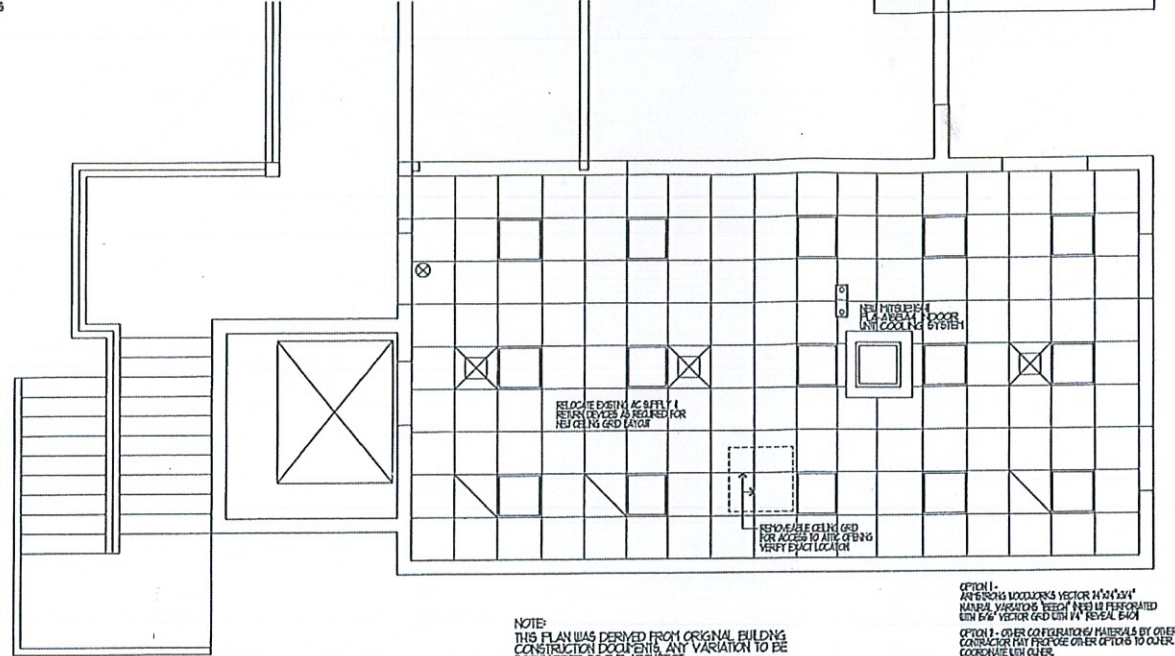
4 SECTIONS AT BOOK SHELVES/DRY BAR  
SCALE: 3/8" NCH EQUALS 1 FOOT



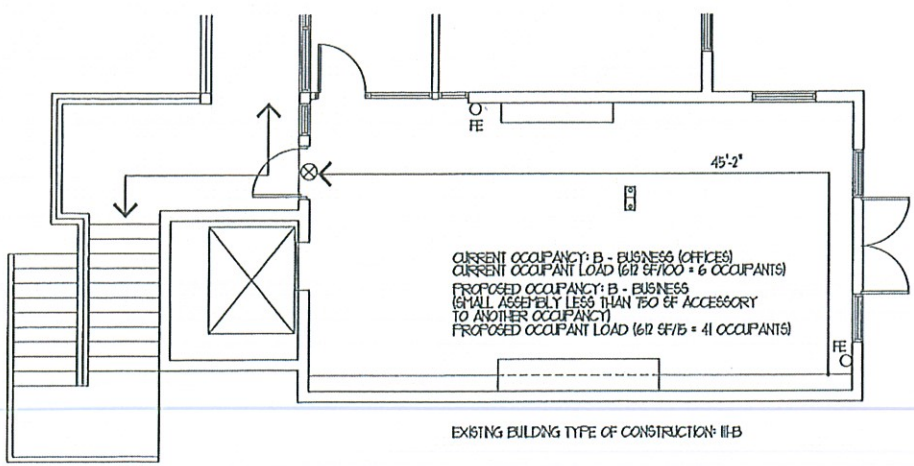
7 ELEVATION AT CABINET UNDER TV  
SCALE: 3/8" NCH EQUALS 1 FOOT



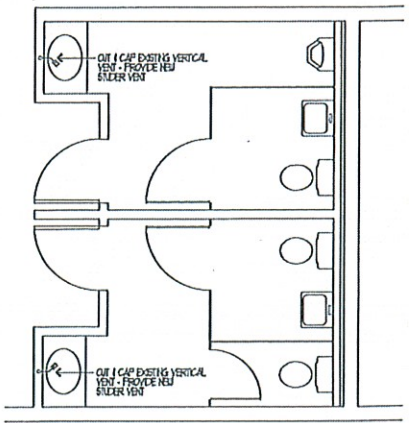
3 ELEVATION AT BOOK SHELVES/DRY BAR  
SCALE: 3/8" NCH EQUALS 1 FOOT



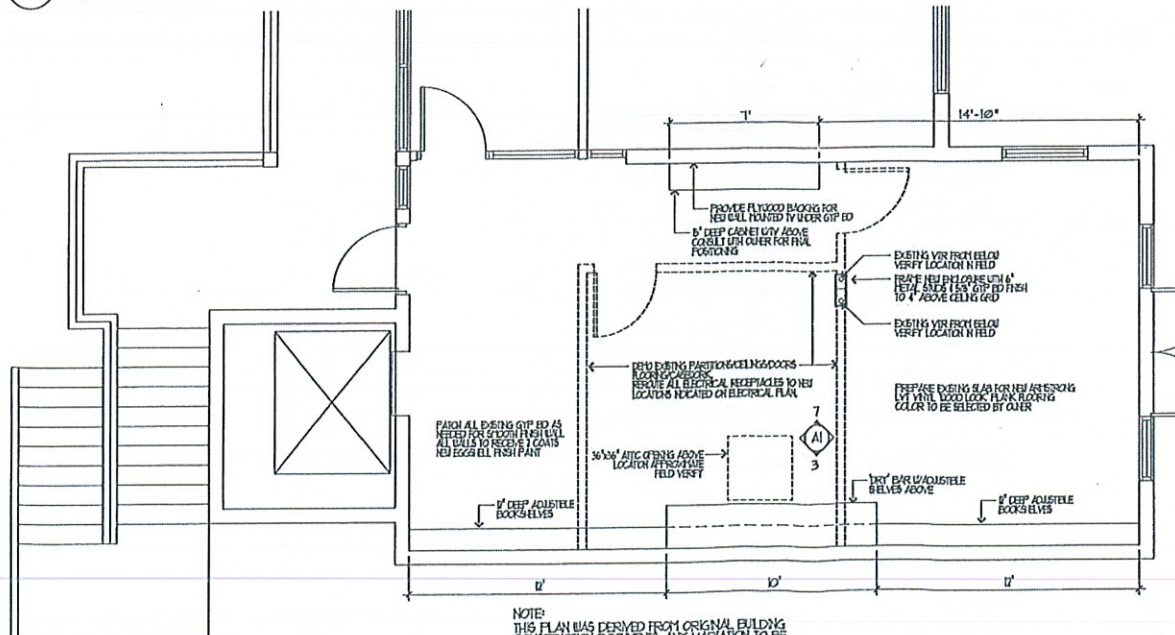
2 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN  
SCALE: ONE NCH EQUALS 4 FEET



6 LIFE SAFETY PLAN  
SCALE: 3/16" NCH EQUALS 1 FOOT



5 PARTIAL 1ST FLOOR PLUMBING PLAN  
SCALE: ONE NCH EQUALS 4 FEET



1 PARTIAL SECOND FLOOR PLAN/DEMO PLAN  
SCALE: ONE NCH EQUALS 4 FEET

**INTER-PLAN INC.**  
ARCHITECTURE PLANNING INTERIOR DESIGN RESEARCH  
9 DUNBAR ROAD  
PALM BEACH GARDENS, FL 33418  
PHONE: 561 744 0445  
EMAIL: arch@interplaninc.com

CONSULTANT

NOTES

NO DESCRIPTION REVISIONS DATE

PROJECT TITLE  
JUNO BEACH TOWN CENTER  
TOWNHALL 2ND FLOOR RENOVATION

SHEET TITLE  
FLOOR PLAN/REFL. CLG PLAN  
NOTES/DETAILS

DATE: 08/14/2018 BY: BTJ/PLM INC. - ALL RIGHTS RESERVED

PHASE: CONSTRUCTION DOCUMENTS  
DRAWN BY: T. WISEN  
CHECKED BY: T. WISEN  
DATE: 11/20/2018  
PROJECT NO: 17870

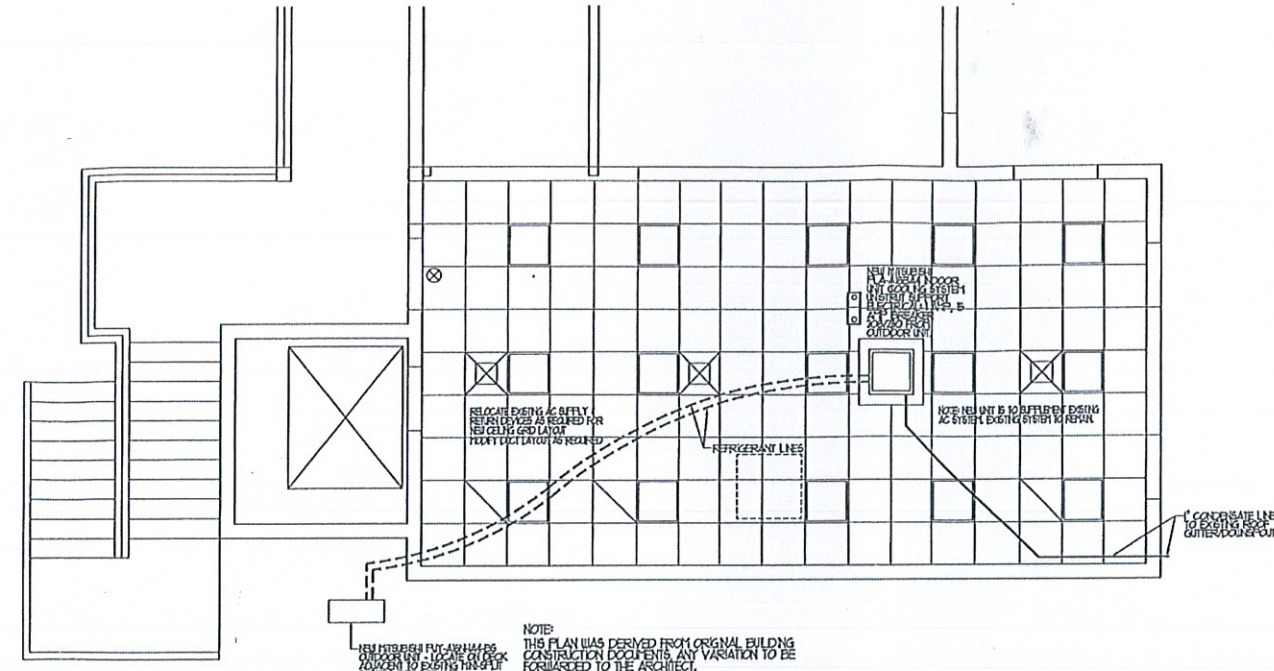
STATE OF FLORIDA  
PAUL JOSEPH C. HANSEN  
REGISTERED ARCHITECT  
AR 6984



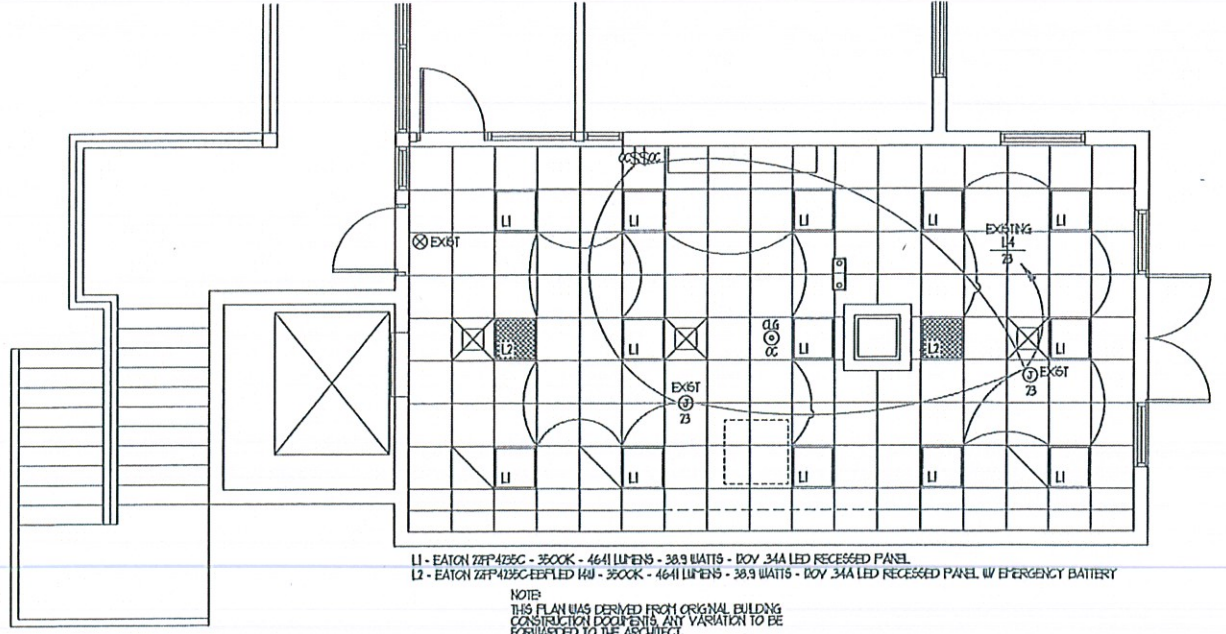
**ELECTRICAL NOTES**

1. FURNISH ALL LABOR AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM AS SPECIFIED HEREIN AND INDICATED ON THE CONTRACT DRAWINGS.
2. THE INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE NFPA-70 2014, NEC 2017 AND LATEST ACCEPTED EDITIONS OF NFPA-70, ALL LOCAL AND OTHER APPLICABLE JURISDICTION CODES.
3. MATERIALS AND SUBSTITUTIONS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MAJOR EQUIPMENT TO THE ARCHITECT FOR REVIEW. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT THE PERMISSION OF THE ARCHITECT IN WRITING. ALL EQUIPMENT SHALL BE NEW AND BEAR THE MANUFACTURER'S NAME AND TRADE NAME. ALL EQUIPMENT SHALL BE UL LISTED.
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6. CONDUIT SYSTEMS: CONDUIT SHALL BE EMT INSIDE AND EXTERIOR CONDUIT SHALL BE GALVANIZED RIGID STEEL OR PVC. ALUMINUM CONDUIT SHALL NOT BE PERMITTED. MINIMUM SIZE CONDUIT SHALL BE 1/2". CONNECTIONS TO MOTORS AND OTHER VERRATING EQUIPMENT SHALL BE MADE WITH LIQUDTIGHT FLEXIBLE METAL CONDUIT.
7. OUTLET BOXES: FOUR INCH SQUARE FOR RECEPTACLES WITH APPROVED COVERPLATE. EDGE OF PLATE SHALL MAKE FULL CONTACT WITH BOX. WEATHERPROOF AND GFCI WHERE INDICATED OR REQUIRED.
8. WIRE AND CABLE: TYPE THIN, 600 VOLT AC, COPPER CONDUCTORS, COLOR CODED, WITH THE MINIMUM SIZE TO BE #12 AWG. WITH INSULATED GROUND. TYPE "MC" METAL CLAD CABLE MAY BE USED WHERE PERMITTED BY APPLICABLE CODES.
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15. TESTS: THE CONTRACTOR SHALL TEST ALL OF THE EQUIPMENT INSTALLED UNDER THIS CONTRACT AND DEMONSTRATE ITS PROPER OPERATION TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED LABOR, MATERIAL AND INSTRUMENTS FOR THE TESTS.
16. OPERATING INSTRUCTIONS: UPON COMPLETION OF ALL WORK AND OF ALL TESTS, FURNISH THE NECESSARY SKILLED LABOR AND HELPERS FOR OPERATING ALL ELECTRICAL SYSTEMS AND EQUIPMENT IN ORDER TO INSTRUCT AND TRAN THE OWNER'S REPRESENTATIVE IN THE OPERATION AND MAINTENANCE OF ALL EQUIPMENT FURNISHED.
17. THE ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. REFER TO ARCHITECTURAL PLANS FOR EXACT DIMENSIONS OF STRUCTURE.
18. THE CONTRACTOR SHALL NOT DEVIATE FROM THESE DESIGN DOCUMENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT OR ENGINEER. CONTRACTOR IS RESPONSIBLE FOR ALL AS-BUILT DRAWINGS.
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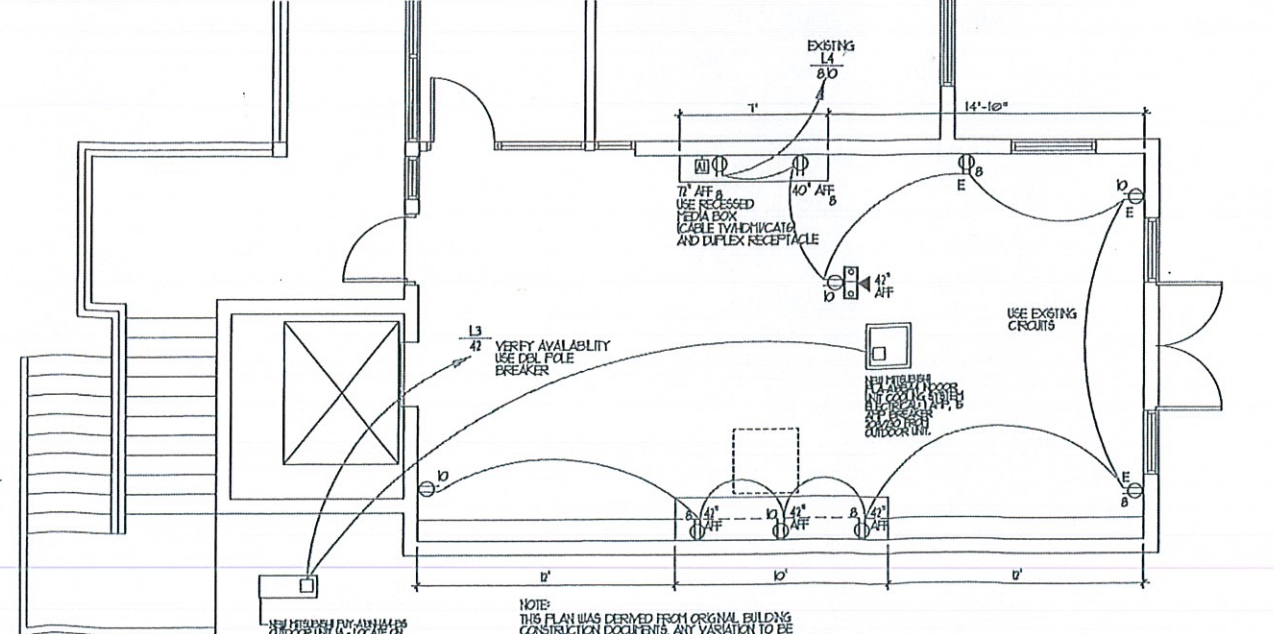
CONSULTANT  
 NOTES



**2 PARTIAL SECOND FLOOR HVAC PLAN**  
 SCALE: ONE INCH EQUALS 4 FEET



**3 PARTIAL SECOND FLOOR LIGHTING PLAN**  
 SCALE: ONE INCH EQUALS 4 FEET



**1 PARTIAL SECOND FLOOR ELECTRICAL PLAN**  
 SCALE: ONE INCH EQUALS 4 FEET

NO.	DESCRIPTION	DATE

PROJECT TITLE: JUNO BEACH TOWN CENTER TOWN HALL 2ND FLOOR RENOVATION AND BEACH TOWN CENTER

SHEET TITLE: HVAC PLAN/ELECTRICAL PLAN NOTES/DETAILS

DATE: AUGUST 2018

PROJECT NO: 1780

PHASE: CONSTRUCTION DOCUMENTS

DRAWN BY: M/EM

CHECKED BY: M/EM

DATE: AUGUST 2018

PROJECT NO: 1780

REGISTERED ARCHITECT

AN 6984

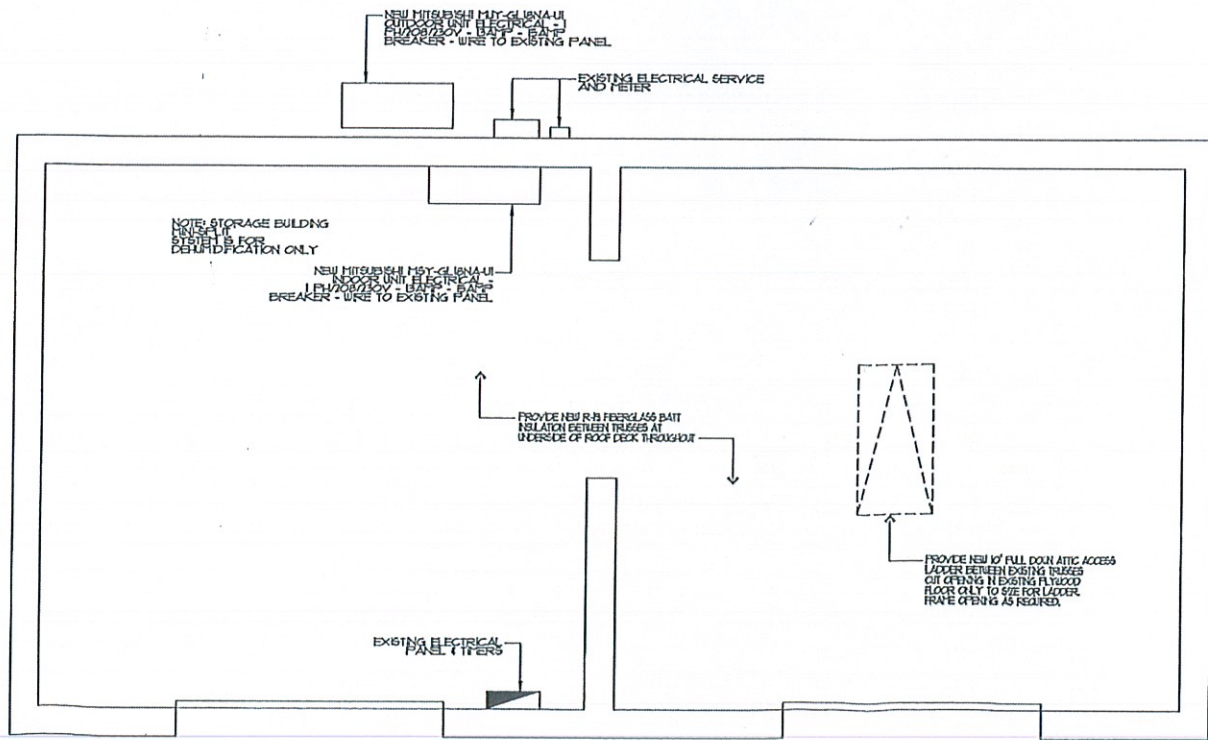
2 OF 4

**GENERAL NOTES** "CONTRACTOR" ALSO REFERS TO ALL SUBCONTRACTORS WHERE APPLICABLE

1. CONSTRUCTION SHALL FOLLOW 2017 (6TH ED) FLORIDA BUILDING CODES, AND 2017 (6TH EDITION) FLORIDA FIRE CODES.
2. BUILDER SHALL COORDINATE ALL THE WORK OF ALL THE TRADES. ALL TRADES SHALL VERIFY ALL DIMENSIONS IN THE FIELD BEFORE PROCEEDING WITH THE WORK.
3. ALL DIMENSIONS ARE NOMINAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOBSITE PRIOR TO STARTING ANY WORK AND NOTIFY OWNER OR ARCHITECT IN WRITING IMMEDIATELY OR THE BUILDER SHALL ACCEPT ALL RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS. DO NOT SCALE DRAWINGS.
4. THIS IS A MODIFICATION TO AN EXISTING BUILDING. EXISTING CONDITIONS ARE INDICATED AS BEST AS POSSIBLE. HOWEVER, THE CONTRACTOR MUST VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING.
5. CONTRACTOR IS RESPONSIBLE FOR ADEQUATE BRACING OF STRUCTURAL OR NON-STRUCTURAL MEMBERS DURING CONSTRUCTION.
6. CONTRACTOR SHALL BE FAMILIAR WITH AND COMPLY WITH ALL OF THE CONSTRUCTION POLICES AND PROCEDURES ESTABLISHED BY THE BUILDING OWNER. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES, AS REQUIRED, WITH THE OWNER, INCLUDING HOURS OF WORK, TRASH REMOVAL, CONSTRUCTION ACCESS AND MATERIALS DELIVERY.
7. COMPLIANCE WITH ALL SAFETY REGULATIONS AND JOB SITE SAFETY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL MAINTAIN COMPLETE INSURANCE COVERAGE, INCLUDING WORKMAN'S COMPENSATION, GENERAL LIABILITY AND BUILDER'S RISK INSURANCE.
9. USE EXTREME CAUTION DURING ANY DEMOLITION OF ANY EXISTING FACILITIES AND NEW CONSTRUCTION. DO NOT DAMAGE ANY SURFACES OR FINISHES NOT OTHERWISE SCHEDULED FOR REPLACEMENT. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF DAMAGED SURFACES OR ITEMS AS A RESULT OF NOT PROTECTING SUCH SURFACES OR ITEMS. PROVIDE TEMPORARY BRACING FOR ALL ELEMENTS SUBJECT TO FALLING OR COLLAPSE.
10. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS FOR THE CONSTRUCTION. THE CONTRACTOR SHALL SCHEDULE ALL INSPECTIONS AND OBTAIN A CERTIFICATE OF OCCUPANCY OR INSPECTION FINAL AS REQUIRED BY AUTHORITY HAVING JURISDICTION.
11. UNLESS OTHERWISE NOTED, PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED TO COMPLETE THE PROJECT.
12. COORDINATE ALL WORK WITH MANUFACTURER'S INSTALLATION SPECIFICATIONS AND INSTRUCTIONS.
13. PROVIDE ALL NECESSARY BRACING FOR PARTITIONS TO STRUCTURE ABOVE.
14. ALL WOOD IN CONTACT WITH MASONRY, CONCRETE, OR STEEL SHALL BE PRESSURE TREATED. PROVIDE AN APPROVED MOISTURE VAPOR BARRIER BETWEEN THE CONCRETE OR OTHER CEMENTITIOUS MATERIALS AND THE WOOD AS REQUIRED PER APPLICABLE CODE.
15. ALL WORK BY ALL TRADES TO BE COMPLETED IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, STANDARDS OR RESTRICTIONS, WHETHER INDICATED ON THE DRAWINGS OR NOT. ALL CONTRACTORS, SUBCONTRACTORS, AND SUPPLIERS TO BE PROPERLY LICENSED AND INSURED AS REQUIRED BY LAW BEFORE PERFORMING ANY WORK ON THE PROJECT.
16. EXIT DOOR LOCKS SHALL NOT REQUIRE ANY KEY TO OPERATE FROM THE INSIDE.
17. CONTRACTOR SHALL MAINTAIN ALL WARRANTIES, INSTRUCTION BOOKS, OPERATIONAL GUIDES, ETC. IN A SINGLE NOTEBOOK FORMAT TO BE PRESENTED TO THE OWNER UPON COMPLETION OF THE CONSTRUCTION.
18. ANY INTERIOR FRAME WALLS TO BE FRAMED WITH METAL STUDS. PROVIDE BACKING WHERE REQUIRED FOR ATTACHMENT OF FIXTURES, SHELVES, CABINETS, ETC.
19. CLEANUP. REMOVE ALL RUBBISH AND DEBRIS DAILY. LEAVE JOB CLEAN UPON COMPLETION OF WORK, INCLUDING, BUT NOT LIMITED TO, CLEANING OF ALL HARDWARE, FIXTURES, GLASS, CABINETRY, FLOORS, WALLS, LIGHTS AND SPECIALTIES.
24. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2". RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4" AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN 1/2 (50% SLOPE)

**INTER-PLAN INC.**  
 ARCHITECTURE PLANNING INTERIOR DESIGN RESOURCES  
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 PALM BEACH GARDENS, FL 33418  
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 CONSULTANT

NOTES



1 FLOOR PLAN  
 SCALE: ONE INCH EQUALS 2 FEET

3 of 4

NO DESCRIPTION DATE  
 REVISIONS

PROJECT TITLE  
**JUNO BEACH TOWN CENTER  
 STORAGE BUILDING MODIFICATIONS**

SHEET TITLE  
**FLOOR PLAN/REEL C/G PLAN  
 NOTES/DETAILS**

DATE: 08/14/2018  
 INTER-PLAN INC. - ALL RIGHTS RESERVED

CONSTRUCTION DOCUMENTS  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 DATE: AUGUST 2018  
 PROJECT NO: [Number]

STATE OF FLORIDA  
 RANDOLPH C. HANSEN  
 AR 6984  
 REGISTERED ARCHITECT

DRAWING NO: [Number]

# SYMBOLS

- DISCONNECT SWITCH
- PANELBOARD, 240/120 VOLT, LETTER IN OVAL INDICATES DESIGNATION
- CONDUIT AND WIRING EXPOSED, CONCEALED IN CEILING SPACE OR WALL, OR AS INDICATED. CROSSMARKS INDICATE NUMBER OF CONDUCTORS WHEN MORE THAN TWO + GROUND.
- BRANCH CIRCUIT HORIZONAL TO PANELBOARD. NUMBER OF ARROWS INDICATE NUMBER OF BRANCH CIRCUITS. LETTERS INDICATE PANEL DESIGNATION. NUMBERS INDICATE CIRCUIT NUMBER. CONNECT TO CIRCUIT BREAKER INDICATED IN PANEL SCHEDULE.
- GFCI
- WEATHERPROOF, NEMA TYPE 5-20R.

NEMA 4X ENCL.		PANELBOARD "DP" SCHEDULE								LABELED AS "SERVICE ENTRANCE EQUIPMENT"	
MAIN: 80A MAN CKT. BKR.		120/240 V, 1 PH, 3 W, + G.				SECTIONS: 1 OF 1				MOUNTING: SURFACE	
		MIN. CB IC 7,000 A. RMS SYM.									
#	ITEMS SERVED	LOAD		CB AMF	A	B	CB AMF	LOAD		ITEMS SERVED	#
		A0	B0					A0	B0		
1	EXISTING PANELBOARD	33		40				30	18	NEW MINI-SPLIT AC	2
3	(MEASURED LOAD)		33						18	INDOOR + OUTDOOR UNITS	4
5	RECEPTACLE	0.2		20						PROVISION ONLY	6
7	PROVISION ONLY									PROVISION ONLY	8

# GENERAL NOTES

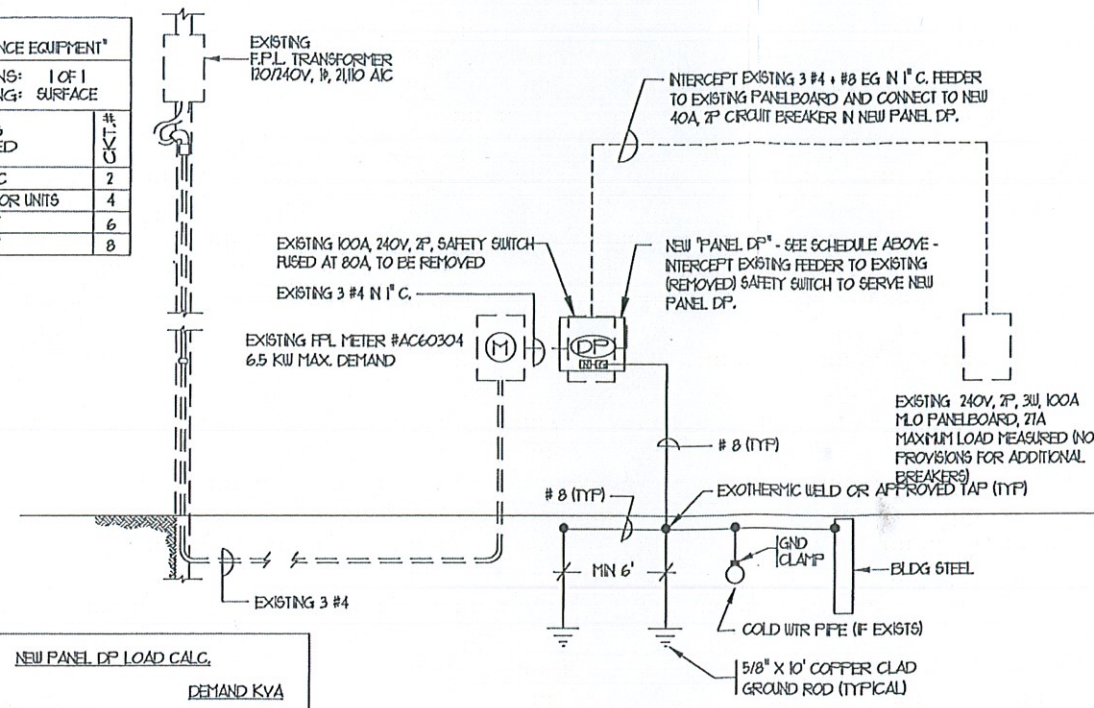
- ALL EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORY, INC. AND SHALL BEAR THE UL LABEL. PROVIDE ONLY NEW UNDAMAGED EQUIPMENT UNLESS OTHERWISE INDICATED.
- WIRE SIZES INDICATED ARE AMERICAN WIRE GAUGE, COPPER, WITH 90 DEG. C. INSULATION. PROVIDE #12 WIRE MINIMUM, 1/2" CONDUIT MINIMUM. PROVIDE ALL WIRES NECESSARY FOR PROPER FUNCTION OF SYSTEM. ALL WIRING SHALL BE COLOR CODED TO BUILDING STANDARD.
- ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT IS BASED ON EQUIPMENT SPECIFIED. COORDINATE EXACT REQUIREMENTS WITH MECHANICAL SHOP DRAWINGS PRIOR TO ORDERING AND INSTALLING EQUIPMENT.

# ABBREVIATIONS

- W/P WEATHERPROOF
- EG EQUIPMENT GROUND
- NEC NATIONAL ELECTRICAL CODE
- U.O.N UNLESS OTHERWISE NOTED
- AFG ABOVE FINISHED GRADE
- GFCI GROUND FAULT CIRCUIT INTERRUPTING

# SPECIFICATIONS

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- WIRING DEVICES: COMMERCIAL GRADE HUBBELL OR EQUAL, TAMPER-RESISTANT, GFI TYPE OR WEATHER-RESISTANT TYPE AS INDICATED OR REQUIRED. COVERPLATES
- PANELBOARDS AND CIRCUIT BREAKERS: PANELBOARDS SHALL BE INSTALLED WITH THE SIZE AND NUMBER OF CIRCUIT BREAKERS AS INDICATED ON THE DRAWINGS. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE. FLUG-N BREAKERS SHALL NOT BE PERMITTED. MULTIPOLAR BREAKERS SHALL HAVE COMMON TRIP WITH INTEGRAL TRIP MECHANISM. HANDLE TIES SHALL NOT BE PERMITTED. PANELBOARDS SHALL HAVE COPPER BUS WITH FULL CAPACITY NEUTRAL. WHERE SPACES AND/OR PROVISIONS ARE INDICATED, BUS ASSEMBLY SHALL EXTEND TO FULL LENGTH WITH ALL NECESSARY HARDWARE TO ACCOMMODATE CIRCUIT BREAKERS. PROVIDE TYPICAL DIRECTORY ON INSIDE OF DOOR.
- GROUNDING: ALL SYSTEMS SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES, THE UTILITY COMPANIES, SPECIAL SYSTEMS AND EQUIPMENT AS REQUIRED.
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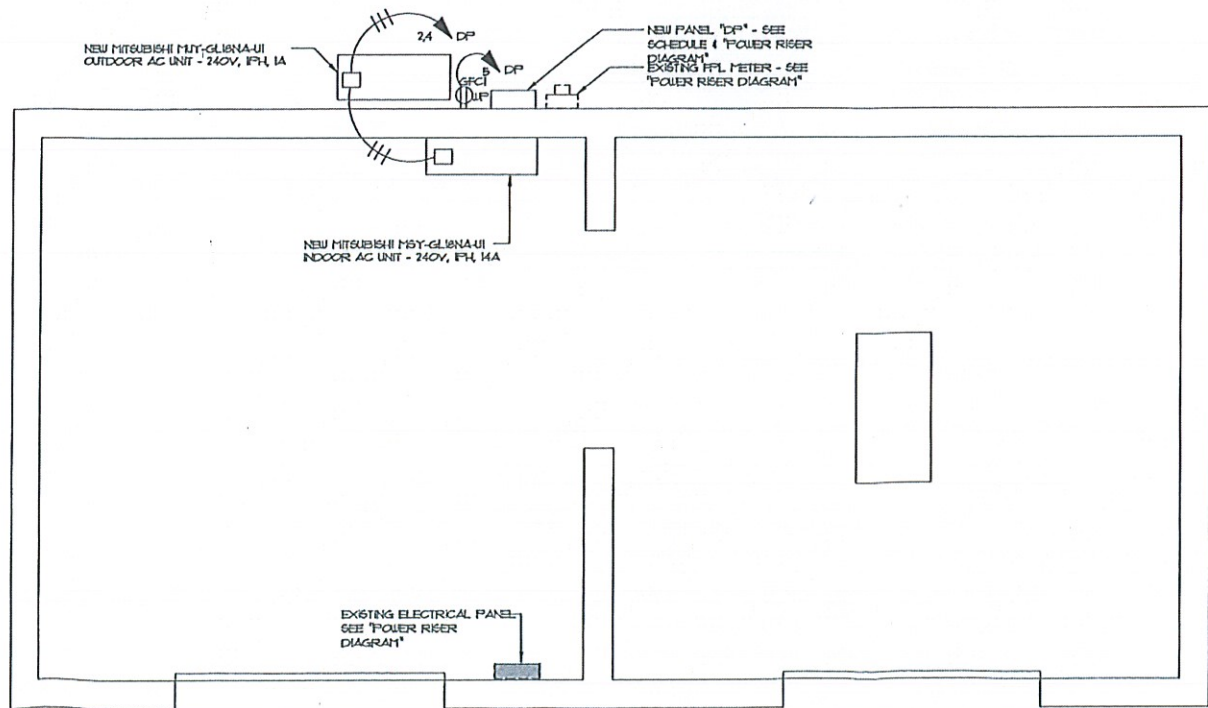


ITEMS	DEMAND KVA
EXISTING PANEL 6.5 X 175	= 8.2
NEW AC UNITS 3.6 X 100	= 3.6
RECEPTACLE 0.2 X 100	= 0.2
<b>TOTAL</b>	<b>12.0</b>

12.0 KVA / .24 = 50A

# POWER RISER DIAGRAM

NO SCALE  
NOTE: EQUIPMENT SHOWN SOLID IS NEW AND DOTTED IS EXISTING TO REMAIN UNLESS OTHERWISE INDICATED.



4 OF 4

**INTER-PLAN INC.**  
ARCHITECTURE PLANNING INTERIOR DESIGN RESEARCH  
9 DUNBAR ROAD  
PALM BEACH GARDENS, FL 33418  
PHONE: 561 744 0445  
EMAIL: ARCHITECT@INTERPLANINC.COM

CONSULTANT

NOTES

NO.	DESCRIPTION	DATE

PROJECT TITLE  
**JUNO BEACH TOWN CENTER STORAGE BUILDING MODIFICATIONS AND RENOVATION**

SHEET TITLE  
**SENSOR PLAN/ELECTRICAL NOTES/RISER DIAGRAM/SYMBOLS/DETAILS**

CONTRACT NO. - INTERPLAN INC. - ALL RIGHTS RESERVED

CONSTRUCTION DOCUMENTS

DRAWN BY  
HANSEN

CHECKED BY  
HANSEN

STATUS DATE  
PROJECT NO.  
17810

STATE OF FLORIDA  
RANDOLPH O. HANSEN  
AR 6984  
REGISTERED ARCHITECT

CRAWLING HQ

## DESCRIPTION

FPanel LED panel series provide premium performance and pleasing aesthetics. It is optimized for shallow plenum grid ceilings but may be surface or suspension mounted. Developed with Eaton's latest generation of solid state components and electronic driver technologies, these panels are ideal for new construction. Its refined visual optics and integrated grid retention clips provide the features needed for speed and installation flexibility. LED FPanels are an excellent lighting solution for commercial office spaces, schools, healthcare and retail merchandising areas.

## SPECIFICATION FEATURES

### Construction/Mounting

Narrow aluminum bezel is tightly held to code gauge steel back plate to protect the LEDs and optical area. Corners are seamless to provide a refined finish and maximize the light emitting surface. Integral grid locking clips and separate suspension clips are included on the panel to ensure installation flexibility in ceiling systems and to meet code when additional retention is required. Junction box is constructed of code gage galvanized steel with an easy access hinged door for high voltage and low voltage wiring access and includes trade size knockouts. The stock luminaire is less than 2 inches in depth making it an ideal choice for shallow plenums and low ceilings. May also be surface or suspension mounted using the optional kits. Options available to meet IP5X ratings as well as factory installed flexible cable.

### Controls

The FPanel is standard with a 0-10V continuous dimming driver which dims to 10% and works with most standard 0-10V control/dimmers. Combine with energy-saving products like wall dimmers, Room Controller, occupancy and daylight sensors, and lighting relay panels. Or, go wireless with optional field installed controls for either WaveLinx or LumaWatt Pro.

### Electrical

Long-Life LED system coupled with electrical driver to deliver optimal performance. LED's available in 3500K, 4000K and 5000K with a minimum of 80 CRI and a 90 CRI option that is 3000K. Projected lumen maintenance based on TM21 is L73 > 60,000 hours. Electronic drivers are cULus recognized and available for 120-277V. Emergency battery pack options are available in 7 watts and 14 watts. These emergency battery packs can be factory installed as an option or field installed for remote mounting..

Catalog #		Type
Project		
Comments		Date
Prepared by		

### Optical Shielding

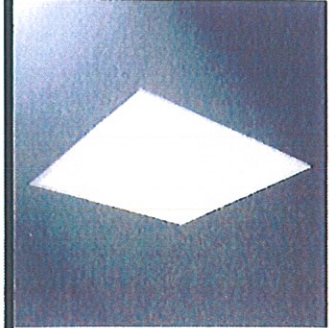
Light guide is constructed of acrylic with specialized features to optimize light extraction providing excellent efficiency. White frost lens with smooth pattern provides uniform illumination as well as scratch and impact resistance.

### Compliance

Indoor luminaires are cULus listed for 25°C ambient environments, IC rated for direct insulation contact, RoHS compliant, damp location listed, and comply with IESNA LM-79 and LM-80 standards. NEMA 410 Compliant. DesignLights Consortium® Qualified and classified for DLC Standard, refer to [www.designlights.org](http://www.designlights.org) for details. Can be used for State of California Title 24 high efficacy luminaire.

### Warranty

Five year warranty.



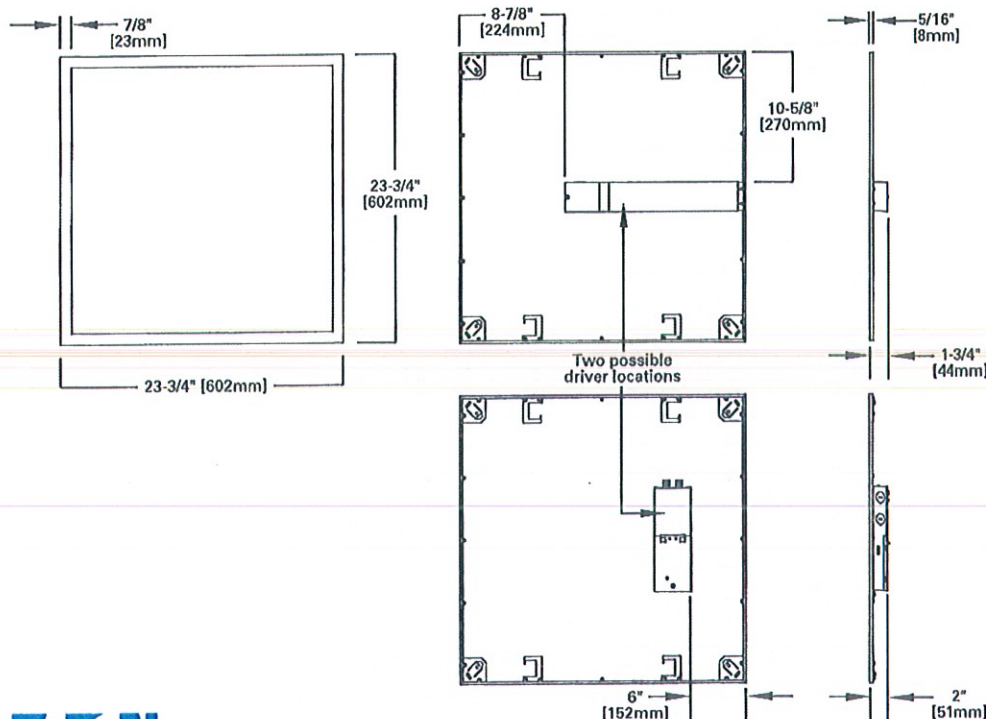
**22FP  
LED**

2' X 2' LED PANEL

General Recessed LED Panel for use in Insulated Ceilings or Suspended/Surface Mount



## DIMENSIONS

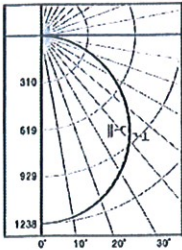


## LOAD DATA (STOCK PRODUCT)

Thd	14%
Power Factor	0.96
Weight	9.4 lbs.
Low Temp. Start	-20°C

1 of 7  
SYSTEMS  
ISO  
CERTIFIED

PHOTOMETRICS



**22FP3240C**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion:  
 (II) 1.25 x mounting  
 height, (L) 1.26 x  
 mounting height  
 Lumens: 3560.1  
 Input Watts: 30.1W  
 Efficacy: 118.3 lm/W  
 Test Report:  
 22FP3240C.IES

Candlepower			
Angle	Along II	45°	Across L
0	1238	1238	1238
5	1233	1230	1232
10	1217	1214	1218
15	1187	1187	1190
20	1148	1148	1153
25	1097	1097	1104
30	1038	1039	1046
35	971	973	980
40	898	900	907
45	816	821	826
50	731	735	739
55	639	644	644
60	544	547	548
65	446	448	446
70	348	349	346
75	348	349	346
80	161	156	154
85	76	71	70
90	0	0	0

Coefficients of Utilization

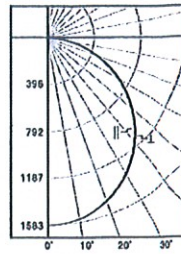
rc rvw RCR	Effective floor cavity reflectance																								
	80%				70%				50%				30%				10%				0%				
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100	100	100	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	83	83	83	83	83	83	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69	69	69	69	69	69	69	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58	58	58	58	58	58	58	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	52	49	49	49	49	49	49	49	49
5	75	62	53	47	73	61	53	46	59	52	46	57	50	45	55	49	45	43	43	43	43	43	43	43	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	37	37	37	37	37	37	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33	33	33	33	33	33	33	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29	29	29	29	29	29	29	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26	26	26	26	26	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24	24	24	24	24

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	958.3	26.9
0-40	1567.3	44.0
0-60	2773.3	77.9
0-90	3560.1	100.0
0-180	3560.1	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	3105	3124	3143
55	2998	3021	3021
65	2840	2853	2840
75	2620	2610	2589
85	2316	2192	2161



**22FP4240C**  
 Electronic Driver  
 Linear LED 4000K  
 Spacing criterion:  
 (II) 1.25 x mounting  
 height, (L) 1.25 x  
 mounting height  
 Lumens: 4567.1  
 Input Watts: 39.3W  
 Efficacy: 116.2 lm/W  
 Test Report:  
 22FP4240C.IES

Candlepower			
Angle	Along II	45°	Across L
0	1582	1582	1582
5	1576	1576	1576
10	1556	1556	1556
15	1520	1521	1521
20	1469	1472	1472
25	1403	1408	1408
30	1329	1333	1336
35	1245	1250	1251
40	1149	1155	1157
45	1048	1053	1054
50	938	943	944
55	819	828	826
60	695	703	703
65	568	575	577
70	440	448	450
75	314	323	326
80	194	200	205
85	88	93	94
90	0	0	0

Coefficients of Utilization

rc rvw RCR	Effective floor cavity reflectance																								
	80%				70%				50%				30%				10%				0%				
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100	100	100	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83	83	83	83	83	83	83	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69	69	69	69	69	69	69	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58	58	58	58	58	58	58	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	52	49	49	49	49	49	49	49	49
5	75	62	53	47	73	61	53	46	59	51	46	57	50	45	55	49	45	43	43	43	43	43	43	43	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	37	37	37	37	37	37	37
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33	33	33	33	33	33	33	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29	29	29	29	29	29	29	29
9	56	43	34	29	55	42	34	29	41	33	28	40	33	28	39	33	28	26	26	26	26	26	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24	24	24	24	24

Zonal Lumen Summary

Zone	Lumens	% Fixture
0-30	1228.4	26.9
0-40	2007.1	43.9
0-60	3555.3	77.8
0-90	4567.1	100.0
0-180	4567.1	100.0

Luminance Data

Angle in Deg	Average 0-Deg cd/sm	Average 45-Deg cd/sm	Average 90-Deg cd/sm
45	3988	4007	4011
55	3842	3875	3875
65	3617	3661	3674
75	3265	3358	3369
85	2717	2871	2902

2 OF 7

ORDERING INFORMATION/PERFORMANCE

Catalog	UPC	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Input Current (A)	
							120V	277V
22FP4235C	080083833580	3500K	80	4641	38.9	119	.34	.15
22FP4240C	080083833603	4000K	80	4567	39.3	116		
22FP4250C	080083833627	5000K	80	4704	39.3	120		
22FP3235C	080083833528	3500K	80	3417	29.4	116	.26	.11
22FP3240C	080083833542	4000K	80	3560	30.0	119		
22FP3250C	080083833566	5000K	80	3667	29.5	124		
22FP3830C9 <sup>(1)</sup>	080083833801	3000K	90	3654	39.1	93	.34	.15
22FP2830C9 <sup>(1)</sup>	080083833788	3000K	90	2734	29.5	93	.26	.11

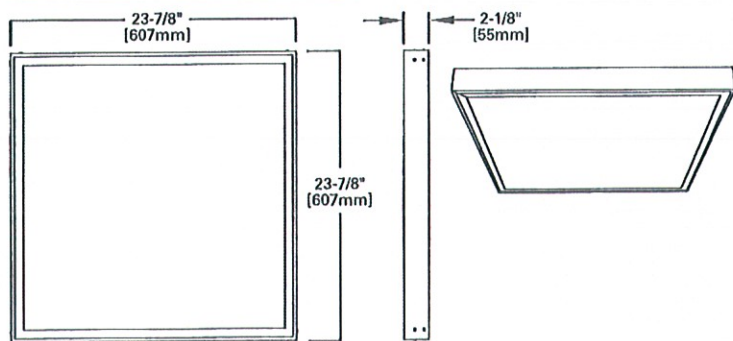
OPTIONS/ORDERING INFORMATION

<p>IP5X=IP5X rating                  Example catalog number=22FP3240C-IP5X</p>
<p>EL14W=EBPLED14W battery installed                  EL7W=EBPLED7W battery installed                  Example catalog number=22FP3240C-EL14W</p>
<p>A3/8-5D/18G=6' 3/8" flex with dimming leads installed                  Example catalog number=22FP3240C-A3/8-5D/18G</p>

ACCESSORIES/ORDERING INFORMATION

SURFACE MOUNT KIT <sup>(1)</sup>

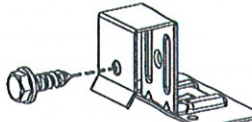
Catalog	UPC
FPSURF22	080083802722



CEILING RETENTION <sup>(2)</sup>

Catalog	UPC
FPEQ	080083802685

Required by some local codes  
 Order one set for each fixture  
 (Four clips per kit)



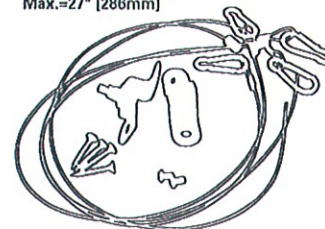
DRYWALL FRAME KIT

Catalog	UPC
DF-22W-U	662401232963

SUSPENSION KIT

Catalog	UPC
FPSUS2	080083802784

Mounting height from ceiling  
 Min.=7-1/4" [184mm]  
 Max.=27" [286mm]



Notes:

- <sup>(1)</sup> May have extended lead-times.
- <sup>(2)</sup> Indicator/test switch to be installed separately. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens).
- <sup>(3)</sup> May not be used with EL7W or EL14W options

3 of 7

SHIPPING DATA

Size	Wt.	Pallet (30" x 56")
2' x 2'	12 lbs.	34

# PRODUCT SPEC PAGE

## Parallel® 20 | Parallel® 12

### Luxury Flooring

Parallel® 20, with a 20 mil wear layer, and Parallel® 12, with a 12 mil wear layer, are uniquely designed Luxury Flooring products that accommodate different budgets and multiple performance needs.

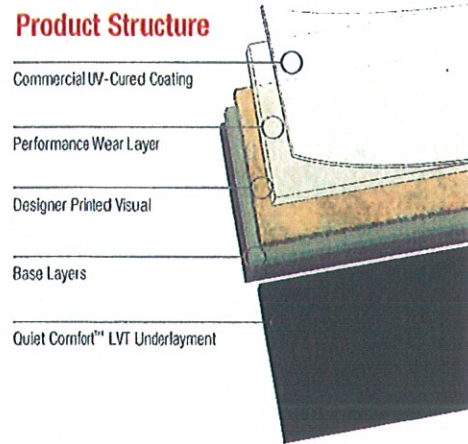
### Performance

Construction	Product Line	International Product Specifications	Overall Thickness	Wear Layer Thickness	Factory Finish	Installation	Maintenance Options
Solid Vinyl Tile (a.k.a. Luxury Flooring - LVT)	Parallel® 20 Parallel® 12	ASTM F 1700, Class III, Type B embossed surface	0.100 in. (2.5 mm) 0.080 in. (2.0 mm)	0.020 in. (0.5 mm) 0.012 in. (0.3 mm)	UV-cured Polyurethane	Full Spread Adhesives: S-288 Premium, S-543 High-Moisture, S-240 Epoxy, S-310 Roll Strong™	Polish No Polish -- No Buff No Polish -- Spray Buff

### Packaging

Sizes	Tiles per Carton/ Coverage	Shipping Weight per Carton
<b>Parallel® 20</b> 6 in. x 48 in. (152.4 mm x 1219.2 mm) 12 in. x 24 in. (304.8 mm x 609.6 mm)	18 – 36 ft <sup>2</sup> (3.34 m <sup>2</sup> ) 18 – 36 ft <sup>2</sup> (3.34 m <sup>2</sup> )	32.54 lbs./carton (14.76 kg) 35.80 lbs./carton (16.25 kg)
<b>Parallel® 12</b> 6 in. x 48 in. (152.4 mm x 1219.2 mm) 12 in. x 24 in. (304.8 mm x 609.6 mm)	18 – 36 ft <sup>2</sup> (3.34 m <sup>2</sup> ) 18 – 36 ft <sup>2</sup> (3.34 m <sup>2</sup> )	25.77 lbs./carton (11.69 kg) 26.15 lbs./carton (11.86 kg)

### Product Structure



### Testing

	Performance	Test Method	Minimum Requirement	Performance vs. Requirement	
ASTM F 1700	Thickness	ASTM F 386	Nominal ± 0.005 in.	Meets	
	Wear Layer Thickness	ASTM F 410	0.020 in. minimum for commercial use	Meets	
	Size	ASTM F 2055	± 0.016 in. per linear foot	Meets	
	Squareness	ASTM F 2055	0.010 in. maximum	Meets	
	Residual Indentation	ASTM F 1914	Average less than 8%.	Meets	
	Flexibility	ASTM F 137	< 1.0 in. diameter, no cracks or breaks	Meets	
	Dimensional Stability	ASTM F 2199	± 0.020 in. per linear foot	Meets	
	Chemical Resistance	ASTM F 925	No more than slight change in surface dulling, attack or staining	Meets	
	Resistance to Heat	ASTM F 1514	ΔE < 8	Meets	
	Resistance Light	ASTM F 1515	ΔE < 8	Meets	
	Additional Testing	Static Load Limit	ASTM F 970	≤ 0.005 in.	250 psi
		Fire Test Data – Canada (Parallel® 12)	CAN/ULC S102.2	Use dependent.	Flame Spread -- 5 Smoked Developed - 85
		Fire Test Data – Flame Spread	ASTM E 648	0.45 w/cm <sup>2</sup> or more Class I	Meets
Fire Test Data -- Smoke Evolution		ASTM E 662	450 or less	Meets	

4 of 7

# PRODUCT SPEC PAGE

## Parallel® 20 | Parallel® 12

Luxury Flooring

### Sustainability

Certification Attribute	Standard	3rd party Certification/Certifier
Low Emitting Material	CDPH v1.1 (2017) a.k.a CHPS 01350	FloScore/SCS
Environmental Product Declaration (EPD)	ISO 14025	Yes/ASTM International
Plant Certifications	ISO 14001	Environmental Management System

Performance	Standard	Requirements	Performance vs. Requirements
TVOC Range	CDPH v1.1 (2017) a.k.a CHPS 01350	<0.5 mg/m³	Meets
Low Emitting Adhesives S-288 S-543 S-240 S-310 Roll Strong™	FloScore®/SCAOMD	Less than 50 g/L	S-288 Exceeds - 14 g/L S-543 Exceeds - 0 g/L S-240 Exceeds - 10 g/L S-310 Roll Strong™ Exceeds - 0 g/L
Material Ingredients (Option 1)	LEED v4	Content disclosure to 1000 ppm	Meets (See Armstrong Flooring Product Declaration)

### Limited Warranty

**Parallel 20:**  
15 year Commercial Warranty when installed in strict accordance with the Armstrong Flooring Guaranteed Installations Systems manual (F-5061)

**Parallel 12:**  
7 year Commercial Warranty when installed in strict accordance with the Armstrong Flooring Guaranteed Installations Systems manual (F-5061)

### Links

Product Transparency	<a href="http://www.ArmstrongFlooring.com/transparency">www.ArmstrongFlooring.com/transparency</a>
Email Techline	<a href="http://www.ArmstrongFlooring.com/flooring-techline">www.ArmstrongFlooring.com/flooring-techline</a>
Visit Floor Expert	<a href="http://www.floorexpert.com">www.floorexpert.com</a>
Installation Instructions	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
Maintenance Instructions	<a href="http://www.ArmstrongFlooring.com/flooring-downloads">www.ArmstrongFlooring.com/flooring-downloads</a>
View Full Line	<a href="http://www.ArmstrongFlooring.com/lvt">www.ArmstrongFlooring.com/lvt</a>
Product Recyclability	<a href="http://www.ArmstrongFlooring.com/reclaim">www.ArmstrongFlooring.com/reclaim</a>

ArmstrongFlooring.com/commercial | 1 888 276 7876



5 of 7

\*Refer to the 2016 Product Data Sheet (PDS) for a quick reference on the product performance, design and sustainability claims.

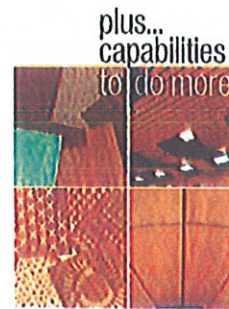
F9564-518  
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**WOODWORKS®**  
Vector®



WoodWorks® Vector® panels – Rg 6008 Perforation in Custom White Oak Rift with Prelude® XL® 15/16" suspension system (Pgs. 391-392)



armstrongceilings.com/capabilities  
See more photos at:  
armstrongceilings.com/photogallery

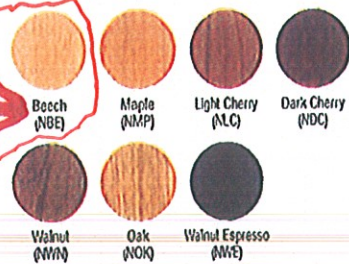
Fully accessible wood panels are available in multiple options for acoustical and aesthetic needs.

**KEY SELECTION ATTRIBUTES**

- Vector® edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Create upturns for continuous visuals and clouds with WoodWorks® Trim (see page 183 for trim options)
- Coordinating WoodWorks® walls available (see pages 421-422 for wall offering)
- 18" x 18" Tegular infill panels now available for Metaphors® Coffers; for details, visit [armstrongceilings.com/metaphors](http://armstrongceilings.com/metaphors)
- Installation with minimum plenum clearance (Vector)
- Shorter lead times and lower cost than custom millwork

**VENEERS** Due to printing limitations, colors may vary from actual product.

**Natural Variations™**  
(Real Wood Veneers)



**Constants™**  
(Real Wood Veneers)

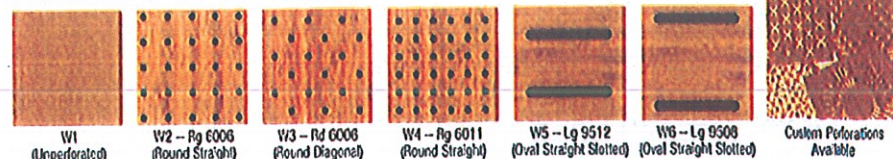


**Bamboo\***



\* Veneer is replant renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

**PERFORATION OPTIONS** (Actual 1.6 scale shown)



NOTE: Slotted perforations run parallel to the length of the panel. To view more perforation information and build swatches in real time, visit [armstrongceilings.com/swatch](http://armstrongceilings.com/swatch)

175 TechLine 877 276-7876  
[armstrongceilings.com/woodworks](http://armstrongceilings.com/woodworks)

**Armstrong**  
CEILING & WALL SOLUTIONS

6 of 7

# WOODWORKS® Vector®



USDA  
CERTIFIED  
BIOBASED  
PRODUCT  
PRODUCT 100%



FSC  
www.fsc.org  
FSC® C001828  
The mark of  
responsible forestry

UP TO 92% RECYCLED CONTENT

LEED®

- energy management
- sustainable construction
- waste management
- regional materials
- design for flexibility
- EPD
- recycled content
- producer resp.
- biobased materials
- FSC (no wood)
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

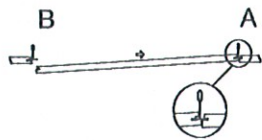
For LEED contribution contact TechLine

## VISUAL SELECTION

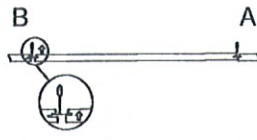
Edge Profile	Item No. ◆	Dimensions Nominal W x L x H (Inches) <small>Custom Sizes Available</small>	Perforations
<b>WOODWORKS® Vector®</b>			
15/16" Vector -- 1/4" Reveal	5401	24 x 24 x 3/4" □	W1, W2, W3, W4, W5, W6
<b>FSC®-certified WOODWORKS Vector</b>			
15/16" Vector -- 1/4" Reveal	5403	24 x 24 x 3/4" □	W1, W2, W3, W4, W5, W6
	6480	12 x 48 x 3/4" □	
	6482	24 x 48 x 3/4" □	

◆ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 276-7876.

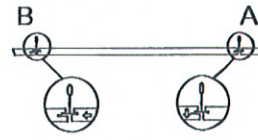
## VECTOR PANEL INSTALLATION DETAILS



**Step 1:** Fully insert the deepest kerf of edge "A", the access kerf, onto the exposed grid flange.

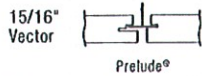


**Step 2:** Raise the "B" edge of the panel, the registration kerf, into the grid opening until the kerf lines up with the grid flange.



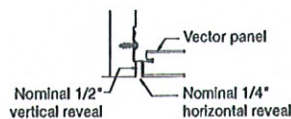
**Step 3:** Slide the panel so that the registration kerf on edge "B" engages the grid flange. Ensure that the access kerf on edge "A" drops down into the correct position.

## SUSPENSION SYSTEMS



Prelude suspension system is available in many standard colors. Other colors available as special order.

## WOODWORKS TRIM INSTALLATION



Wood Substrate Trim with Vector Panel

Aluminum Substrate Trim Assembly for Vector Panel

## PHYSICAL DATA

**Material**  
Fire-retardant particle board with face-cut veneers; FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified fire-retardant products, or to view our FSC®-certification letter, visit [armstrongceilings.com/woodworksfscc](http://armstrongceilings.com/woodworksfscc)

**Surface Finish**  
Clear or tinted semigloss coating

**Fire Performance**  
ASTM E84 surface burning characteristics, HPVA Certified with audit program per ASTM E84. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification  
Composite -- Fire Class A

**Primary (Embodied) Energy**  
See all LCA information on our EPDs.

**Application Considerations**  
Variation among panels may occur due to the natural characteristics of the wood and grain. It is very important that WoodWorks panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained throughout the life of the product.

**Design Considerations**  
Different panel sizes should not be installed together. Perforated panel borders will vary (length and width) based on perforation selection and panel size. Do not mix perforations on the same installation. Vector safety clips included with panels may be visible through panel perforations.

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### Specification Consideration

Attention: For FSC-certified wood products to maintain their CoC certification, products must be sold to a CoC-certified distributor or directly to the installing contractor. Failure to do so breaks the CoC.

### Seismic Restraint

WoodWorks Vector solid wood panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

### Warranty

Details at [armstrongceilings.com](http://armstrongceilings.com)

Weight; Square Feet  
Panels -- 2.75 lbs/SF

TechLine / 1 877 276-7876  
[armstrongceilings.com/woodworks](http://armstrongceilings.com/woodworks)  
(search: woodworks vector)  
BPCS-5416-517

**Armstrong®**  
CEILING & WALL SOLUTIONS

176

7 OF 7

WOODWORKS®

NRC  
CAC  
DEF

## PERFORMANCE

▲ LOCATION DEPENDENT

▲ WITH INFILL PANEL

Dots represent high level of performance.

Perforation	NRC* (24" x 48")	NRC* (all other sizes)	CAC*
W1	N/A	N/A	38
W2	0.50	0.40	28
W3	0.50	0.40	28
W4	0.70	0.65	28
W5	0.55	0.55	28
W6	0.45	0.40	28

\* Maximum NRC achieved with acoustical infill (item 8200100 or 5479). When infill is used, CAC is 28. For additional infill options, refer to the Acoustical Infill Panels data page (BPCS-4172).

EXAMPLE: **5401 W2 NLC**  
Panel Dimension Type: 24" x 24" FSC-certified  
Perforation: W2 Round Straight Rg 6008  
Finish: Natural Variations Light Cherry