



## CITY OF SAUGATUCK HISTORIC DISTRICT COMMISSION

102 Butler St. Saugatuck MI 49453  
Phone: (269) 857-2603 Fax: (269) 857-4406

**March 4, 2021 6:00 PM**

Saugatuck City Hall  
102 Butler Street

1. Call to Order/Roll Call:
2. Agenda Changes/Additions/Deletions:
3. Approval of Minutes:
  - A. **Minutes of regular meeting February 4, 2021**
4. Public Comments:
5. Unfinished Business:
6. New Business:
  - A. 302 Culver Street – replace door
  - B. 125 Water Street – Marro’s – pergola.
7. Administrative Approvals & Updates:
  - 64 Griffith Street – replace decking, add beam
  - 40 Butler Street – extend guard rail.
8. Communication:

None
9. Public Comment:
10. Commission Comment:
11. Adjourn:

### **NOTICE:**

This public meeting will be held using Zoom video/audio conference technology due to the COVID-19 restrictions currently in place.

Join online by visiting:  
<https://us02web.zoom.us/j/2698572603>

Join by phone by dialing:  
**(312) 626-6799**  
-or-  
**(646) 518-9805**

Then enter “Meeting ID”:  
**269 857 2603**

Please send questions or comments regarding meeting agenda items prior to meeting to:  
[cindy@saugatuckcity.com](mailto:cindy@saugatuckcity.com)

# **Saugatuck Historic District Commission Meeting**

## **February 4, 2021, 6:00 PM**

### **Saugatuck City Hall 102 Butler St.**

Due to COVID-19 the meeting was held via Zoom.

1. **Call to Order/Roll Call:** Chairman Straker called the meeting to order at 6:00 pm.  
**Present:** Straker, Lewis, Cannarsa, Davenport, Paterson, Leo (joined at 6:16 pm)  
**Absent:** Pannozzo  
**Others Present:** Zoning Administrator Osman, Clerk Wilkinson
2. **Agenda Changes/Additions/Deletions:** None
3. **Approval of Minutes:**
  1. **January 7, 2021** - A motion was made by Paterson, 2nd by Lewis, to approve the regular meeting minutes of January 7, 2021. Upon roll call vote the motion passed unanimously.
4. **Public Comments:** Ryan Heise (resident) - The new City Manager introduced himself and shared a brief experience and background. This week was his first week. From Jackson, Michigan, attended school at Northern Michigan University, studied Urban Planning and a Masters in Public Administration.
5. **Unfinished Business:** None
6. **New Business:**
  - A. **Application P-HIS-21001 - 730 Water Street – Place fishing shanty on site.** - A motion was made by Straker, 2nd by Cannarsa, to approve the Historic Fish Shanty Project application at 730 Water Street as submitted with the following conditions: applicants must provide additional details on the size, material, and manufacturer of the main front door, side garage door, siding, and roof with approval contingent on staff review and approval and it should be in keeping with HDC guidelines regarding natural material (wood) and should be a size, structure, and configuration that is in keeping with the scale and dimensions of the historic property. Upon roll call vote the motion passed unanimously.
  - B. **Application P-HIS-21002 - 880 Holland Street – Add walk in coolers, relocate shed.** - A motion was made by Lewis, 2nd by Davenport, to approve the application for 880 Holland Street for an additional walk-in cooler and relocation of the shed as submitted. Upon roll call vote the motion passed unanimously.
  - C. **820 Holland Street – Remove windows, replace siding.** - A motion was made by Davenport, 2nd by Paterson, to approve the application for 820 Holland Street to replace the kitchen slider with a single glass divided light door and replace the kitchen windows, with materials and dimensions to be

submitted for staff approval, and deny covering any remaining original windows or openings in the application (upstairs windows and the rear window in the staircase not be sided over). Upon roll call vote the motion passed unanimously.

7. **Administrative Approvals & Updates:** None
8. **Communication:** 2020 HDC Summary of activities (received as information)
9. **Public Comment:** None
10. **Commission Comment:** None
11. **Adjourn:** A motion was made by Lewis, 2nd by Leo, to adjourn the meeting at 7:18 pm. Upon roll call vote the motion passed unanimously.

Respectfully Submitted,

Erin K. Wilkinson  
Clerk  
City of Saugatuck



**TO:** Historic District Commission

**FROM:** Cindy Osman, Zoning Administrator

**DATE:** March 4, 2021

**RE:** **Application to replace door at 302 Culver Street**

Grow Estate is requesting approval to replace the deteriorated entrance door for Grow.

**Background:** The building is considered contributing in the 2010 memo by Williams and Works. The records in the assessor's files indicate that this building was built in 1910. The Livery across the street was built in 1905. Based on the 1910 and 1916 Sanborn maps, the structure was of frame construction while the existing building is block and brick. The addition of the building that houses Amaru Leather was probably added some time later, and front half of the Scooters Café and the Burrito Feliz, sometime after that.

In 2011 the HDC approved the addition of an additional exterior door as required by the liquor commission. Other than signs and the dumpster enclosure, there have been no permits issued at this address in the files.

Recent door



Red door – 2008

Blue door 2012



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**Standards:** If the Commission agrees that the structure is contributing, Section II, B (2) of the *Local Guidelines regulating additions would apply. It states the following:*

## 2. Replacing Windows and Doors

(a) If replacement of a deteriorated window or door feature or detail is necessary replace only the deteriorated feature in kind rather than the entire unit. Match the original in material, design, dimension, proportion, reflective qualities, profile, sash rails, stiles, muntins, panels, and operation. If replacement of an entire unit is necessary, replace the unit in kind, matching the design, dimension, panels, pane configuration, architectural trim, detail, muntins and materials. It is **not appropriate** to use snap-in muntins to create a false divided-light appearance.

**Comment:** the door that was most recently in place was not the original door – see photos.

(b) Replacement windows and doors should maintain and fit existing openings and be consistent in glass size and with existing trim and other features of the structure.

(c) Changing the number, location, and size or glazing pattern of windows and doors through cutting new openings, blocking-in, and installing replacement sash which does not fit the historic opening are not recommended.

3. **Doors** Original doors should not be substituted with stock doors that do not fit the opening properly or do not fit with the style of the house. Transom windows and sidelights should be preserved.

**Comment:** Fits the opening pretty closely – same size as before.

4. **Windows** If a replacement window has an insulating glass pane which is not actually divided by muntins, the appropriate muntin pattern should be permanently applied with muntins no wider than 7/8 inch, as well as with spacer bars internal to the insulated glass. There should be no flat muntin grids, nor removable muntin grids, applied to the inside or outside panes. **NA**

5. **Glass Block** The use of glass block to fill in openings is generally not appropriate, unless it was part of the style and period of the structure. Instead, existing features should be repaired.

**NA**

6. **Storm Windows** Installation of metal storm windows and doors which have a painted or baked enamel finish may be approved when they do not alter or destroy the original structure and trim of the opening. Replacement, repair, or installation of wood storm or screen doors and which are stained or painted to match the house or trim may also be approved. **NA**



DATE 3/1/2021  
PROPERTY ADDRESS 302 GILVER ST.

### HISTORIC DISTRICT APPLICATION

*Failure to answer all pertinent questions and to supply all of the requested information could delay processing of this application*

PROPERTY OWNER FRED GERIGERY EMAIL \_\_\_\_\_

ADDRESS / PO BOX \_\_\_\_\_

SIGNATURE \_\_\_\_\_ PHONE \_\_\_\_\_

APPLICANT NAME ALEC PAYLETTNER EMAIL alec@gran-food.com

ADDRESS / PO BOX PO Box 841, Saugatuck, MI 49453

SIGNATURE [Signature] PHONE 312-480-8161

#### CHECKLIST

- PHOTOS OF EACH SIDE OF STRUCTURE IN PRESENT CONDITION LABELED W/THE FOLLOWING:
  - \*LOCATION
  - \*ADDRESS
  - \*DATE
- CLOSE UP PHOTOS OF PRESENT CONDITION OF STRUCTURE PROPOSED FOR ALTERATION LABELED
- ELEVATION AND/OR SCALED DRAWINGS OF FAÇADE OF STRUCTURE PROPOSED FOR ALTERATION SHOWING ARCHITECTURAL DETAILS TO BE ADDED/REMOVED/ALTERED
- SKETCH IDENTIFYING ALL EXISTING AND PROPOSED MATERIALS / FINISHES THAT INCLUDE MATERIAL LIST
- PHYSICAL SAMPLES OF MATERIALS / ITEMS TO BE INSTALLED ACCURATELY DEPICTING TEXTURE/SCALE OF NEW MATERIAL
- DETAILED SITE PLAN OF THE PARCEL WITH DIMENSIONS, EXISTING STRUCTURES AND LOCATION OF NEW STRUCTURES INCLUDING FENCES
- DETAILED DESCRIPTION OF THE PROJECT LISTING ALL IMPROVEMENTS THAT ARE VISIBLE ON THE EXTERIOR OF THE STRUCTURE OR SITE (USE SEPARATE PAGE)
- NAME BRAND AND SERIES NUMBER OF ALL NEW / REPLACEMENT WINDOWS





## MEMORANDUM

**TO:** Historic District Commission  
City of Saugatuck

**FROM:** Cindy Osman, Zoning Administrator

**DATE:** March 4, 2021

**RE:** **Application P-HIS-17029; 125/147 WATER ST**

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MARRO LAND CO LLC is requesting approval for the installation of a 20 x 24 foot aluminum pergola, and a canvas awning to cover the Barrier Free Design ramp.

**Background:** 125 Water Street was built in 2002 and houses residential space upstairs and commercial space on the first floor. 147 Water Street has been around a long time although I cannot find a photo or document of the original building. Frank and Lyn have added additions to the building since 1975 and made many improvements with tender loving care. However, the additions and other improvements do make this a non-contributing structure.

**Standards:** Both structures are found by the memo from Williams and Works of 2010 to be non-contributing. My research confirms the designation. If the Commission agrees that the structures are non-contributing, Section V, B. of the *Local Guidelines regulating additions would apply. It states the following:*

### **B. New Construction**

1. **Streetscape Compatibility** With new structures or renovations which totally change the facades, the appearance of the streetscape as a whole should be respected. Facades for new structures should be compatible with the overall design and appearance of the surrounding streetscape in its design and appearance.

2. **Architectural Style** New structures need not replicate existing styles. They may be honest modern or contemporary adaptations or reflections of traditional styles or they may be totally new, distinctive structures which are nevertheless compatible with the district's character.

### **3. Compatibility of Siting and Massing**

(a) The historic relationship between buildings, landscape features and open space should be retained. The siting should be reviewed based on existing district setbacks, orientation, spacing and distance between adjacent buildings.

- (b) The height and bulk of a new building shall be compatible with its surroundings and shall in no event exceed that of existing buildings in the Historic District.
- (c) If there is a significant variation in siting or in height and bulk from the immediately surrounding buildings which creates a material adverse impact on the character of that area, the Commission may make recommendations to the Planning Commission and/ or the Zoning Board of Appeals concerning height, massing and placement on the lot of the new construction.

4. **Compatible Detailing** In addition to the scale of the structure, details such as roof lines, materials, the size, type, and placement of windows, doors, porches, fences, chimneys and garages, should be considered in assessing the compatibility of the new structure with the existing streetscape.

5. **Pedestrian Scale** Especially in commercial areas, the scale of architectural elements should provide comfortable surroundings for pedestrians. This applies especially to heights of canopies or awnings, and heights of doors and windows.

6. **Distinguishing New from Old** New buildings should be designed so that they are compatible with, but discernable from, adjacent historic buildings.

#### **STANDARDS FOR THE AWNING:**

**Please note that this standard is for contributing structures, but may be helpful in considering the proposed awning:**

- Canopies or awnings are encouraged, and placed for a comfortable human scale beneath. Fabric awnings may be considered if historically appropriate and compatible with the storefront in scale, form and material. They should be triangular in form, and not back-lit. They should be between 7 and 10 feet above the sidewalk and a maximum of 1 foot above the store front windows (not including transoms).

City of Saugatuck – Historic District Commission  
102 Butler Street, Saugatuck, MI 49453  
July 27, 2017 – 7:00 p.m.

1. **Call to Order:** The meeting was called to order by Member Bella at 7:00 p.m.

**Roll Call:** Present: Hillman, Leo, Davenport, Bella, Burns, Straker  
Absent: Deem  
Others: Zoning Administrator Osman

Member Straker entered into session at 7:05 p.m.  
Member Burns entered into session at 7:10 p.m.

2. **Agenda Changes:**

3. **Approval of Minutes:**

**A. Regular Meeting Minutes of June 22, 2017:** A motion was made by Davenport, 2<sup>nd</sup> by Hillman, to approve the June 22, 2017 minutes as presented. Upon voice vote the motion carried unanimously.

4. **Public Comments:** None

5. **Unfinished Business:** None

6. **New Business:**

**A. 125 Water Street – Pergola and Awning:** A motion was made by Straker, 2<sup>nd</sup> by Leo, to approve the installation of a 20 x 24 foot aluminum pergola and a canvas awning to cover the Barrier Free Design ramp. Upon voice vote the motion carried unanimously.

Section V(B) of the guidelines are satisfied as the massing and streetscape are respected, and the style is compatible.

The Secretary of the Interior's Standards for Rehabilitation #10 is met.

The staff report is incorporated as part of the findings of fact.

**B. 931 Holland Street – Window Replacement:** A motion was made by Hillman, 2<sup>nd</sup> by Straker, to approve the replacement of the bay window on side of the house with two or three double hung style windows subject to review and approval by the zoning administrator. Upon voice vote the motion carried unanimously.

Section II(D)(2) of the City of Saugatuck Historic Preservation Review Guidelines are satisfied.

The staff report is incorporated as part of the findings of fact.

**C. 876 Holland Street – Renovate Toilet Rooms / Install Overhead Door:** A motion was made by Hillman, 2<sup>nd</sup> by Davenport, to approve the installation of a new overhead door, new entry door, awnings, renovate toilet rooms and new siding. Upon voice vote the motion carried unanimously.

Section V(B) of the guidelines are satisfied as the massing and streetscape will not change, and the style is compatible.

The Secretary of the Interior's Standards for Rehabilitation #10 is met.

The staff report is incorporated as part of the findings of fact.

7. **Administrative Approvals:** Zoning Administrator Osman presented the following administrative approvals:
  - A. 841 Holland - Fence
  - B. 346 Butler - Fence
  - C. 865 Holland – Tear-off, Recover
8. **Communications:** None
9. **Public Comments:** None
- 10: **Commission Comments:** None
11. **Adjournment:** Member Bella adjourned the meeting at 8:48 p.m.

Respectfully Submitted,

Monica Nagel, CMC  
Saugatuck City Clerk



Cameron Brinker



Summer Brinker  
762.911.0062 41414



struxure.brinkerbrothersoutdoorliving.com  
 brinkerbrothersoutdoorliving.com  
 Cameron Brinker 269.599.1744  
 Summer Brinker 269.806.4141  
 STRUXURE OUTDOOR

PROJECT  
**MARRO'S**

ADDRESS  
 147 WATERS ST.  
 SAUGATUCK, MI 49453

CONTRACT NO.  
 2012063

**STRUXURE**<sup>TM</sup>  
 OUTDOOR

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SHEET INDEX

TITLE	SHEET NO.
COVER PAGE	A100
PERSPECTIVE VIEW	A101
TOP VIEW	A102
BEAMS & GUTTER PLAN	A103
SECTION A-A	A104
SECTION B-B	A105
DETAILS	A106
DETAILS	A107
DETAILS	A108
DETAILS	A109
DETAILS	A110
DETAILS	A111
DETAILS	A112
DETAILS	A113
DETAILS	A114
DETAILS	A115
REVISIONS	A116

NOTES

FRAME: TAN  
 LOUVERS: TAN  
 ELEVATION: AT GRADE

DURING SUCH PERIODS OF TIME AS ARE DESIGNATED BY THE U.S. WEATHER BUREAU AS A HIGH WIND OR SNOW ADVISORY FOR THE AREA, THIS SYSTEM MUST BE LOCKED IN THE OPEN POSITION, WITH THE LOUVER BLADES VERTICAL IN THE STRUCTURE SHALL ALSO NOT BE WALKED UPON AND IS NOT DESIGNED FOR HUMAN ACTIVITY OR STORAGE.

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 SAUGATUCK, MI 49453

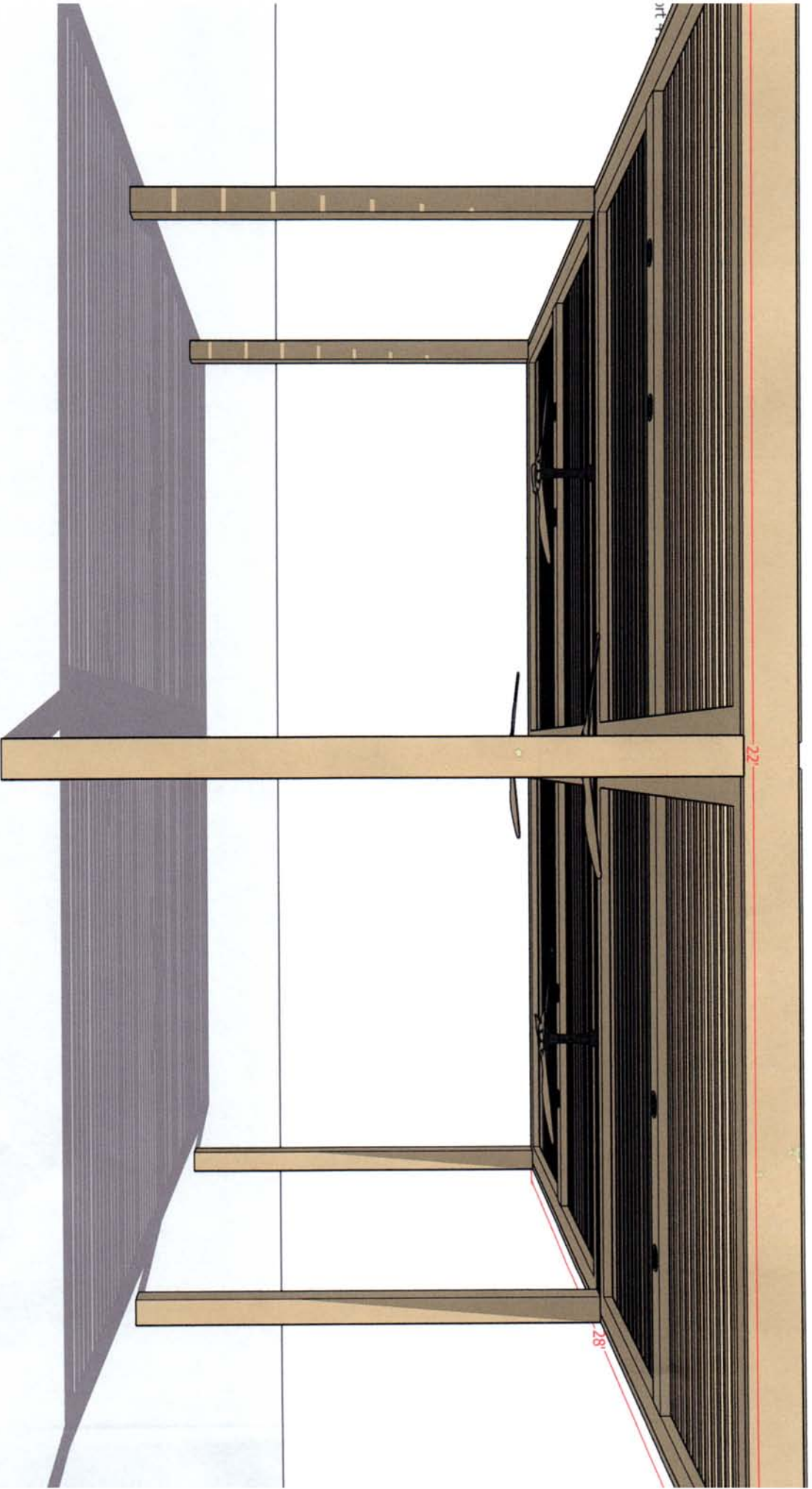
REVISIONS

NO.	DESCRIPTION

DATE: 12/14/20  
 DRAWN BY: I&S  
 SCALE: A 100  
 SHEET NO: A 100

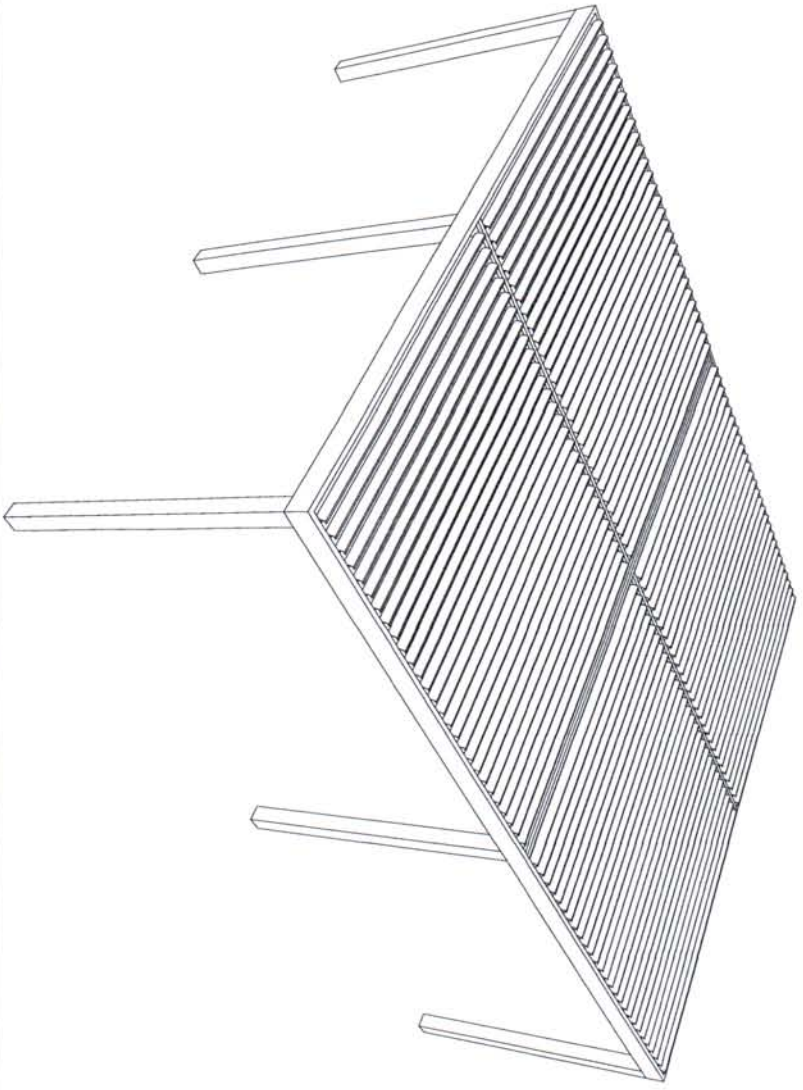


STF



STF





ABBREVIATIONS

LEGEND

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 SAUGATUCK, MI 49453

REVISIONS

PERSPECTIVE  
 VIEW

DATE  
 12/14/20

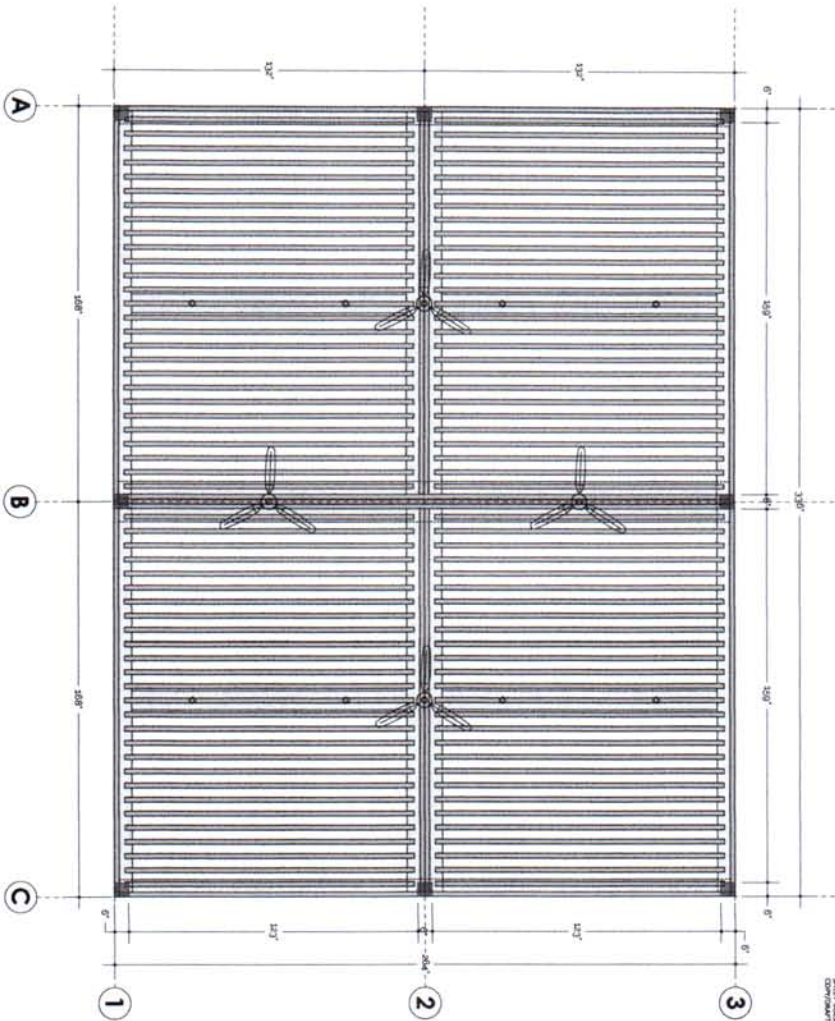
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SCALE

SHEET NO

A 101

Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16



1 TOP VIEW  
SCALE: 1/4" = 1'-0"

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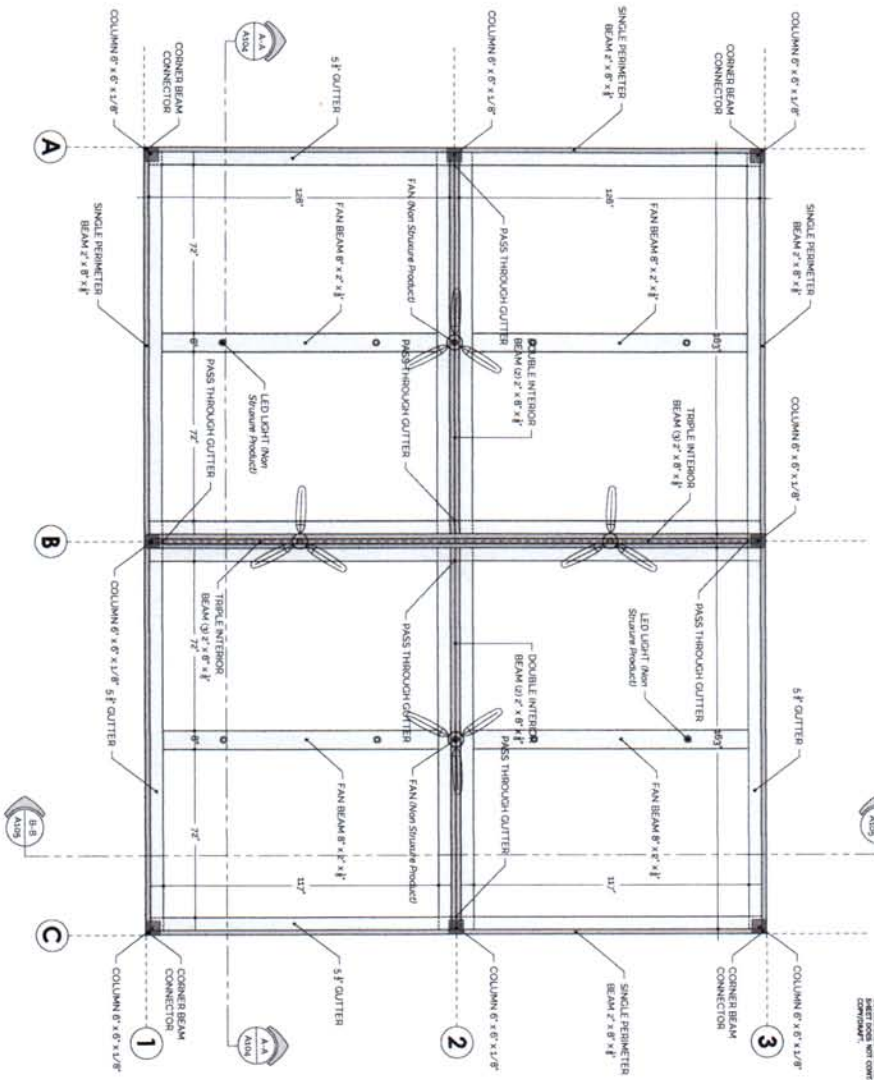


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REVISIONS
TOP VIEW
DATE 12/14/20
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SCALE 1/4" = 1'-0"
SHEET NO. A 102

Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16



**1 BEAMS & GUTTER PLAN**  
SCALE: 1/4" = 1'-0"



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DATE: 12/14/20

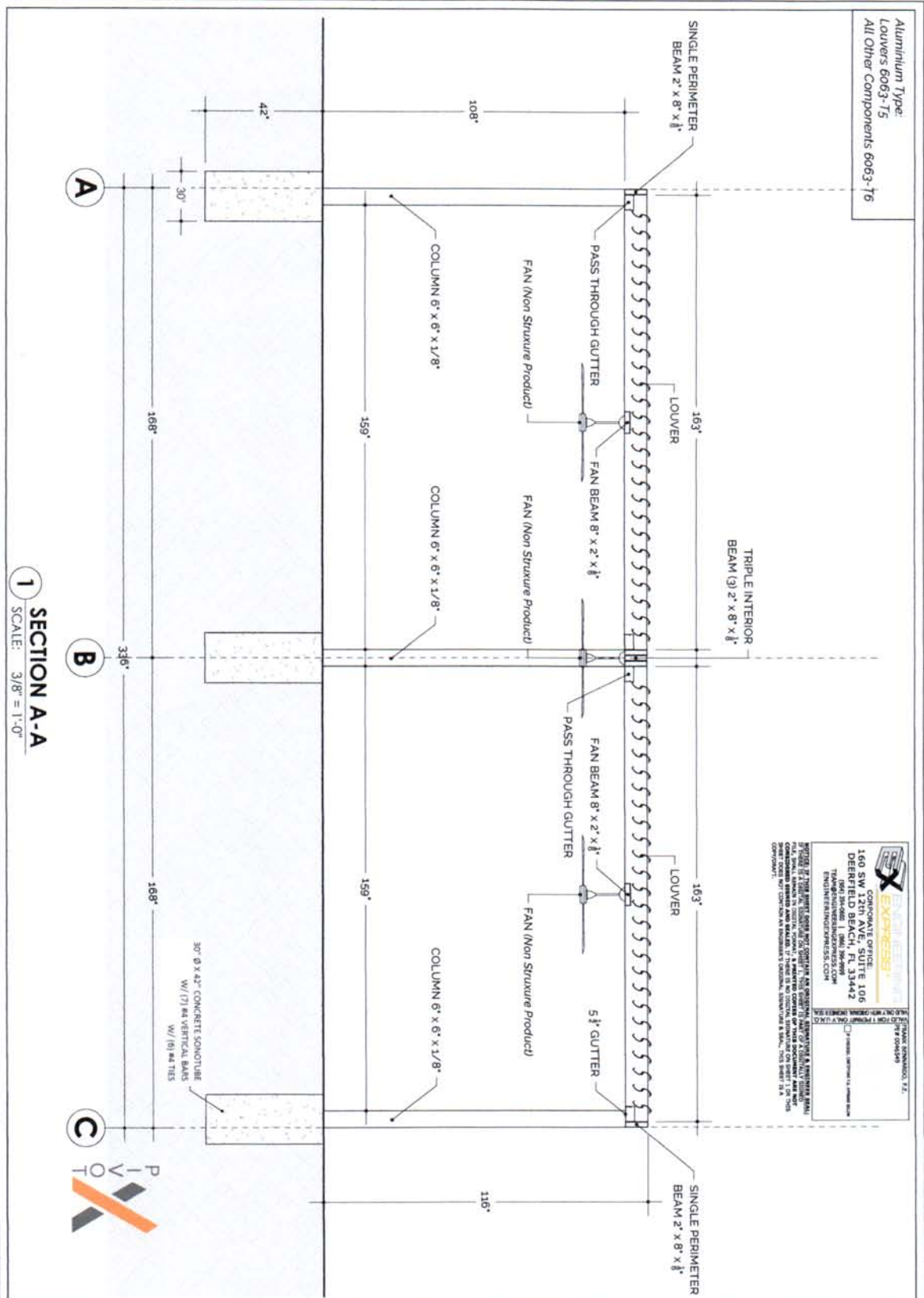
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REVISIONS:	
DATE:	12/14/20
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SHEET NO.:	A 103

Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16



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DATE: 12/14/20  
SCALE: 3/8" = 1'-0"

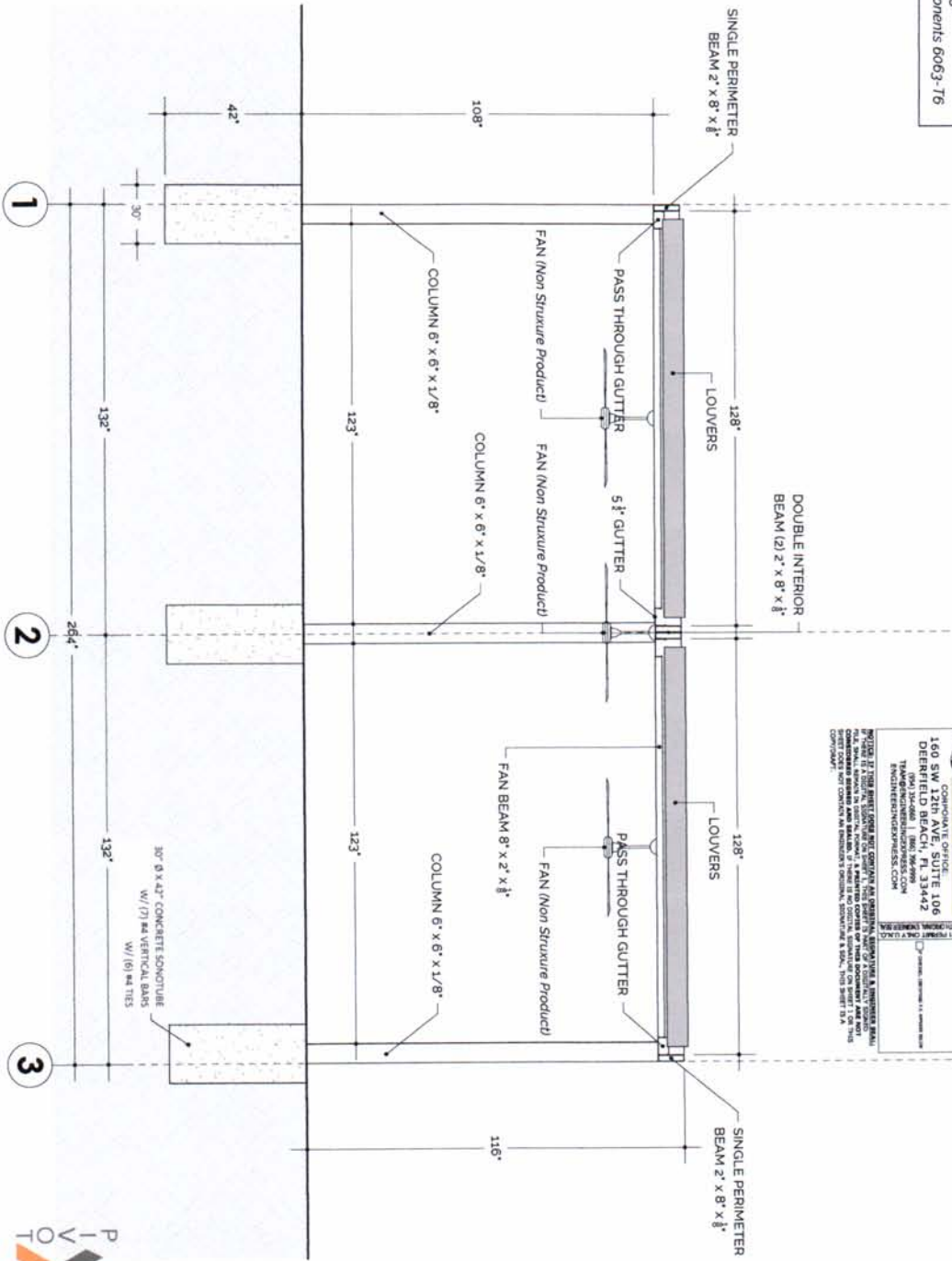
PROJECT: MARRO'S  
DRAWN BY: I&S  
CHECKED BY: I&S  
DATE: 12/14/20

**1 SECTION A-A**  
SCALE: 3/8" = 1'-0"



<p><b>STRUXTURE</b> OUTDOOR 154 ETHAN ALLEN DR DAHLONEGA GA 30533 (800) 303-5748</p>	<p><b>MARRO'S</b> 147 WATERS ST. SAUGATUCK, MI 49453</p>	<p>REVISIONS</p>	<p>SECTION A-A</p>	<p>DATE 12/14/20</p>	<p>DRAWN BY I&amp;S</p>	<p>SCALE 3/8" = 1'-0"</p>	<p>SHEET NO. A 104</p>
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Aluminum Type:  
Louvers 6063-T5  
All Other Components 6063-T6



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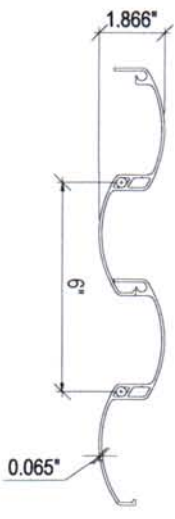
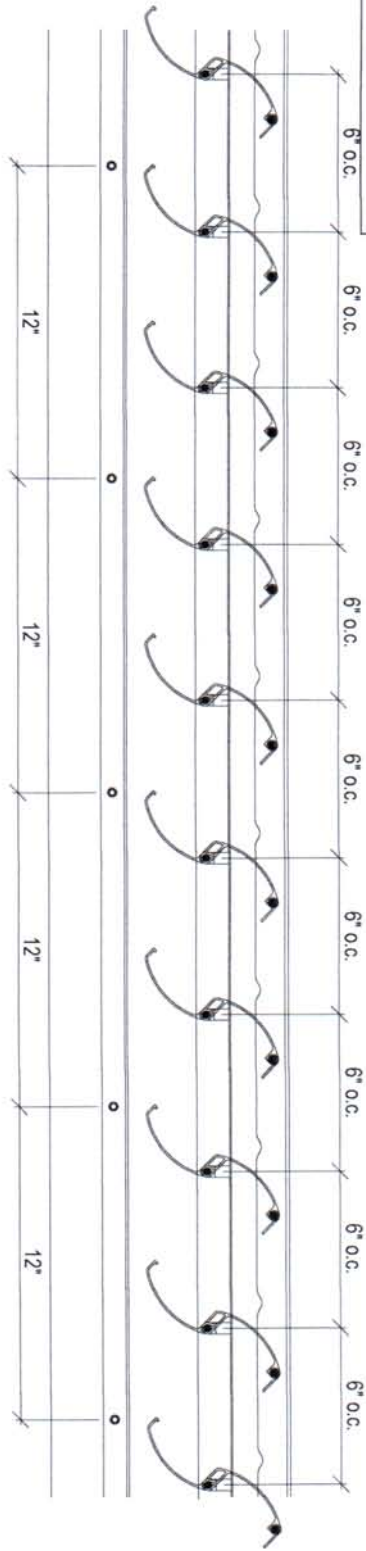
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**SECTION B-B**  
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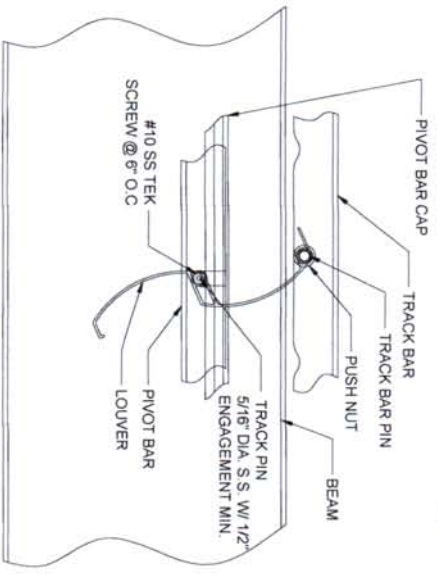


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<p>REVISIONS</p>			
<p>SECTION B-B</p>			
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SHEET NO	A 105		

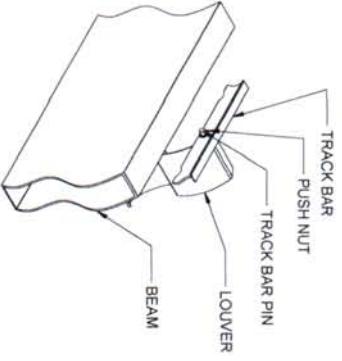
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All Other Components 6063-T6



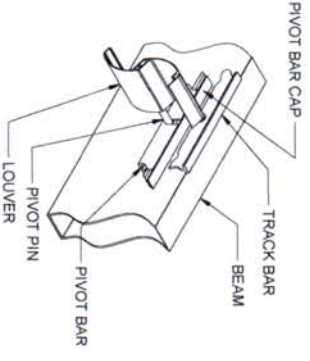
LOUVERS DETAIL



SIDE VIEW



ISOMETRIC OUT-SIDE VIEW



ISOMETRIC IN-SIDE VIEW

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DESIGNED BY: MARRO'S  
DRAWN BY: I&S  
DATE: 12/14/20

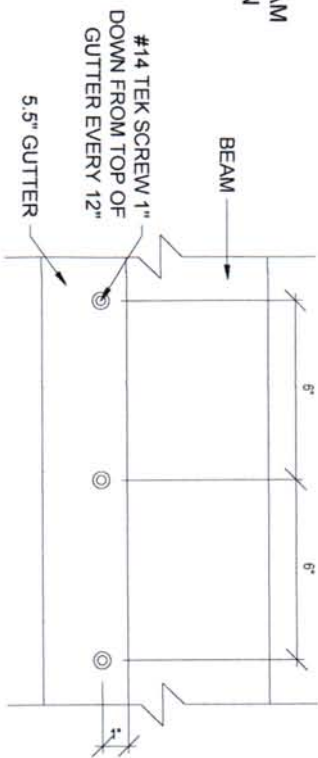
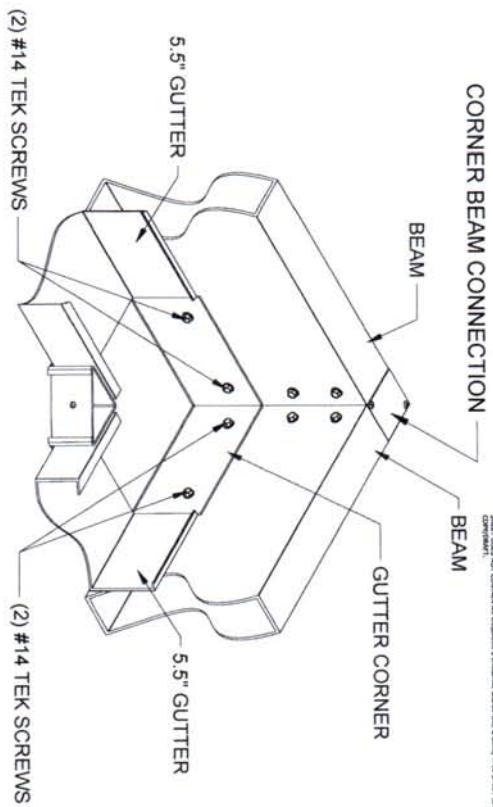
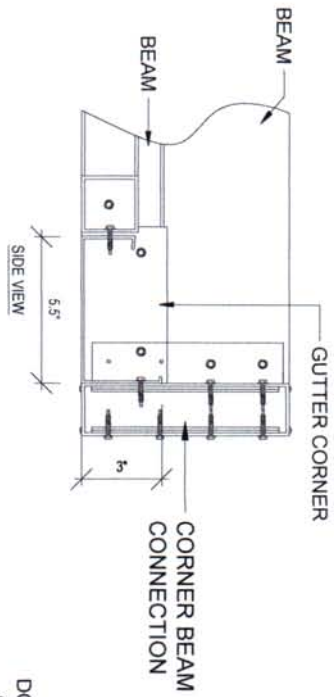
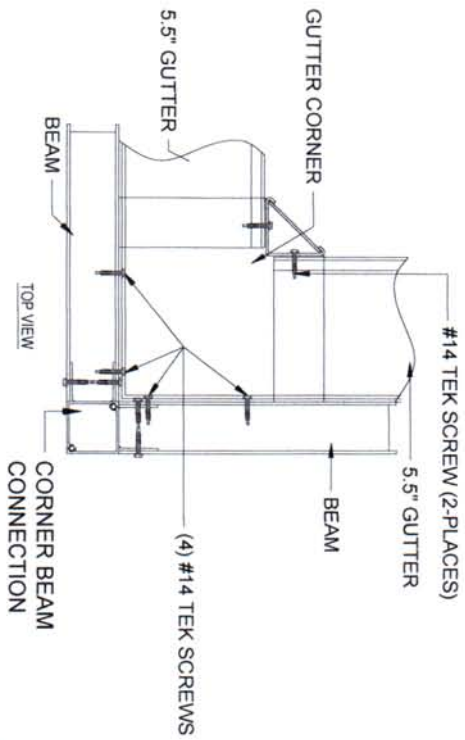
REVISIONS

**STRU XURE**  
OUTDOOR  
154 ETHAN ALLEN DR  
DAHLONEGA GA 30553  
(800) 303-5248

**MARRO'S**  
147 WATERS ST.  
SAUGATUCK, MI 49453

DETAILS
DATE 12/14/20
DRAWN BY I&S
SCALE N.T.S.
SHEET NO. A 106

Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16



GUTTER ASSEMBLY

**EXPRESS**  
CORPORATE OFFICE  
160 SW 12TH AVE, SUITE 106  
DEERFIELD BEACH, FL 33442  
TEL: 561-251-1234  
FAX: 561-251-1235  
WWW.EXPRESSCORPORATION.COM

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CORPORATE OFFICE  
160 SW 12TH AVE, SUITE 106  
DEERFIELD BEACH, FL 33442  
TEL: 561-251-1234  
FAX: 561-251-1235  
WWW.EXPRESSCORPORATION.COM

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(800) 303-5248

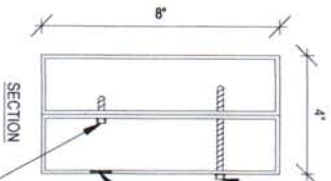
**MARRO'S**  
147 WATERS ST.  
SAUGATUCK, MI 49453

REVISIONS
DETAILS
DATE 12/14/20
DRAWN BY I&S
SCALE N.T.S.
SHEET NO A 107

Aluminum Type:  
Louvers 6063-T5  
All Other Components 6063-T6

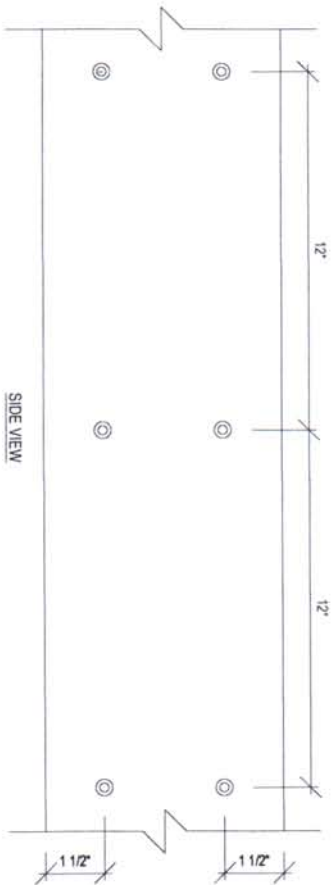
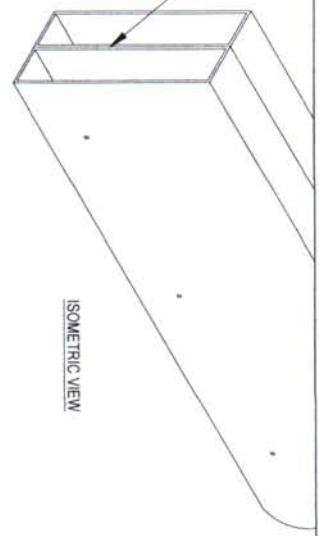
DOUBLE 2X8 BEAM

TYPICAL CONNECTION #14 X 3"  
TEK SCREWS 12" O.C.

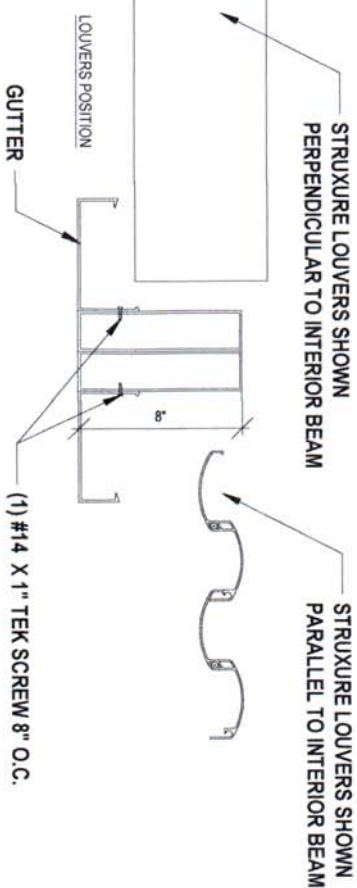


3/4" HOLE DRILLED FOR  
SCREW INSTALLATION  
AND CAPPED.

TYPICAL CONNECTION  
(2) #14 X 1" TEK SCREWS  
12" O.C.



DOUBLE BEAM CONNECTION (2X8)



**EXPERIENCE**  
CONCRETE OFFICE  
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(800) 363-5248  
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OUTDOOR  
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REVISIONS	<b>MARRO'S</b> 147 WATERS ST. SAUGATUCK, MI 49453		
DETAILS	DATE	12/14/20	
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	SCALE	N.T.S.	
	SHEET NO.	A 108	



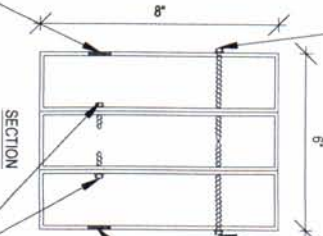
Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16

TRIPLE 2X8 BEAM

TYPICAL CONNECTION  
#14 X 3" TEK SCREWS  
12" O.C.

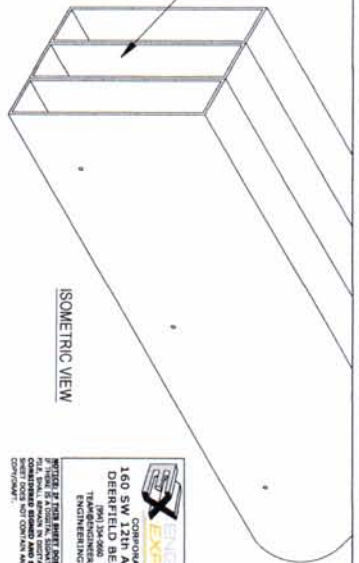
TYPICAL CONNECTION  
#14 X 3" TEK SCREWS  
12" O.C.

3/4" HOLE DRILLED  
FOR SCREW  
INSTALLATION AND  
CAPPED.

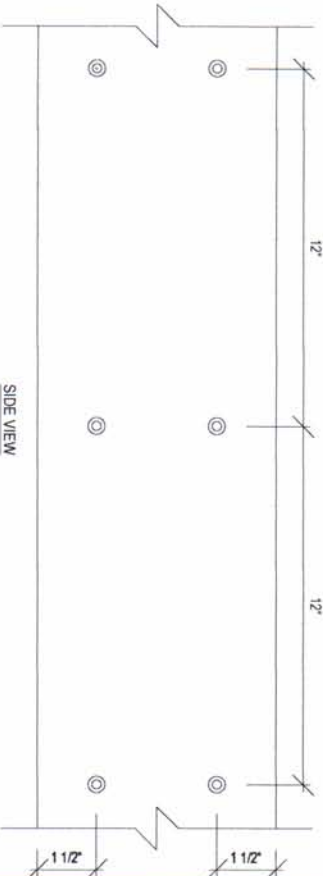


3/4" HOLE  
DRILLED FOR  
SCREW  
INSTALLATION  
AND CAPPED.

ALTERNATIVE  
CONNECTION (2) #14 X 1"  
TEK SCREWS 12" O.C



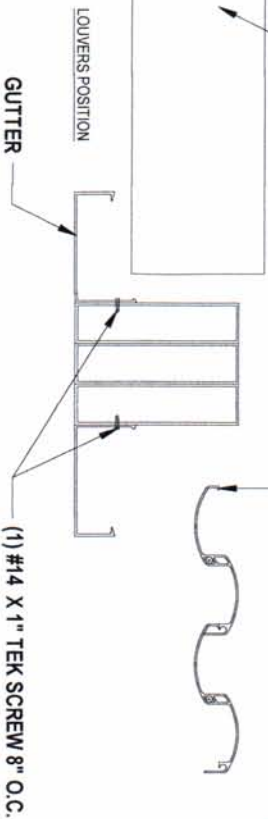
ISOMETRIC VIEW



SIDE VIEW

STRUXURE LOUVERS SHOWN  
PERPENDICULAR TO INTERIOR BEAM

STRUXURE LOUVERS SHOWN  
PARALLEL TO INTERIOR BEAM



TRIPLE BEAM CONNECTION (2X8)

**EXPRESS ENGINEERING**  
CORPORATE OFFICE:  
160 SW 12TH AVE, SUITE 106  
DEERFIELD BEACH, FL 33442  
TEL: 561-251-1900  
WWW.EXPRESSENGINEERING.COM

**STARK ENGINEERING, P.L.L.C.**  
REGISTERED PROFESSIONAL ENGINEERS  
1000 N. MILITARY AVE., SUITE 100  
MELBOURNE, FL 32909  
TEL: 321-270-8800  
WWW.STARKENGINEERING.COM

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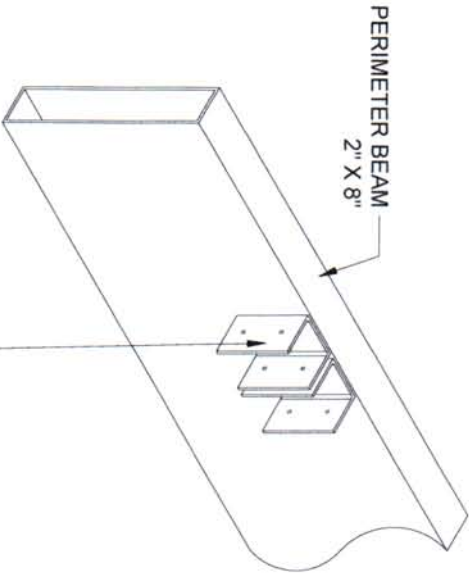
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OUTDOOR  
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DANLONGA GA 30553  
(800) 303-5248

**MARRO'S**  
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REVISIONS
DETAILS
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SHEET NO A 109

Aluminum Type  
Louvers 6063-75  
All Other Components 6063-76

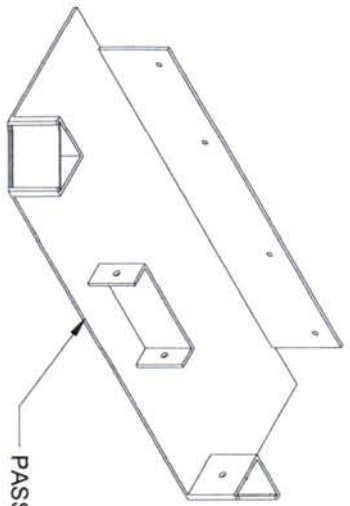
DOUBLE 2" X 1 3/4" X 2" X 0.125" U-CHANNEL INSERT  
LENGTH TO FIT SNUG (MIN 4" LONG), ATTACH EA  
CHANNEL TO BEAM W/ (4) #14 TEK SCREWS EQ  
SPACED



PERIMETER BEAM  
2" X 8"

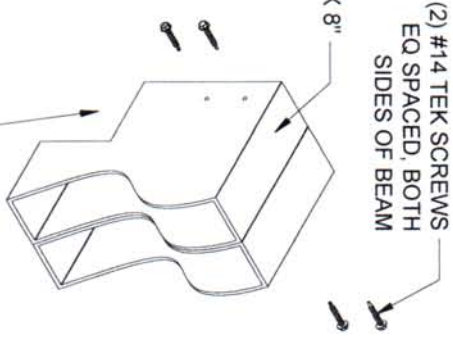
TYPICAL DOUBLE BEAM TO  
BEAM CONNECTION

2" X 8" BEAMS  
5.5" PASS THROUGH GUTTER



PASS THROUGH GUTTER

INTERIOR BEAM [2] 2" X 8"



(2) #14 TEK SCREWS  
EQ SPACED, BOTH  
SIDES OF BEAM

NOTCHED BEAMS  
5.5" X 3" CUT

STRUKURE  
CORPORATE OFFICE  
160 SUITE 106  
DEFIELD BEACH, FL 33442  
(904) 394-0888 | (888) 394-0888  
TAKEN@STRUKURE.COM  
STRUKUREENGINEERING.COM

EXPERTISE ENGINEERING  
CORPORATE OFFICE  
1500 W. 10TH AVE. SUITE 100  
DENVER, CO 80202  
(303) 733-1111  
WWW.EXPERTISEENGINEERING.COM

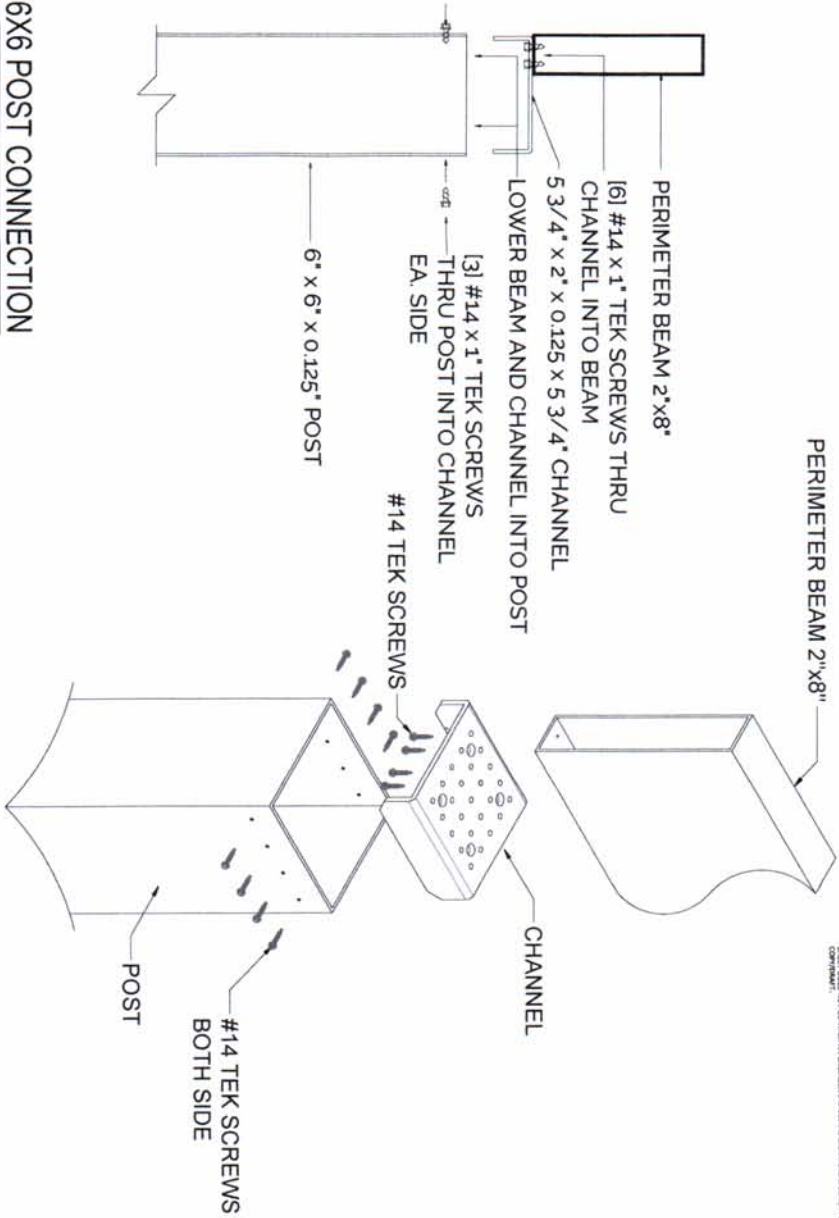
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CORPORATE  
154 ETHAN ALLEN DR  
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(800) 303-5248

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SHEET NO.	A 110



Aluminum Type:  
Louvers 6063-15  
All Other Components 6063-16



**SINGLE BEAM TO 6X6 POST CONNECTION**

**EX EXPERTISE**  
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 DERRFIELD BEACH, FL 33442  
 (904) 354-0066 | (800) 396-0299  
 WWW.EXPERTISEENGINEERING.COM

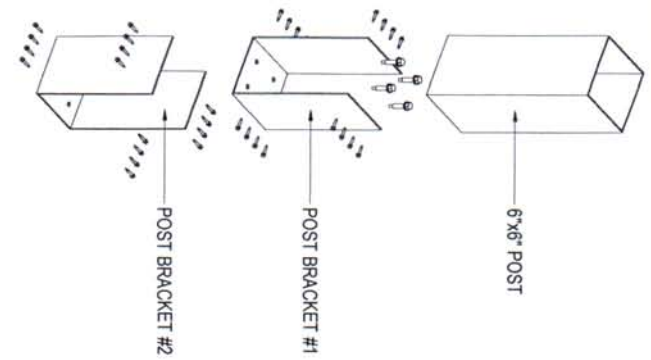
REGISTERED PROFESSIONAL ENGINEER  
 STATE OF FLORIDA  
 LICENSE NO. 12457  
 EX-00000001

**STRU XURE**  
 OUTDOOR  
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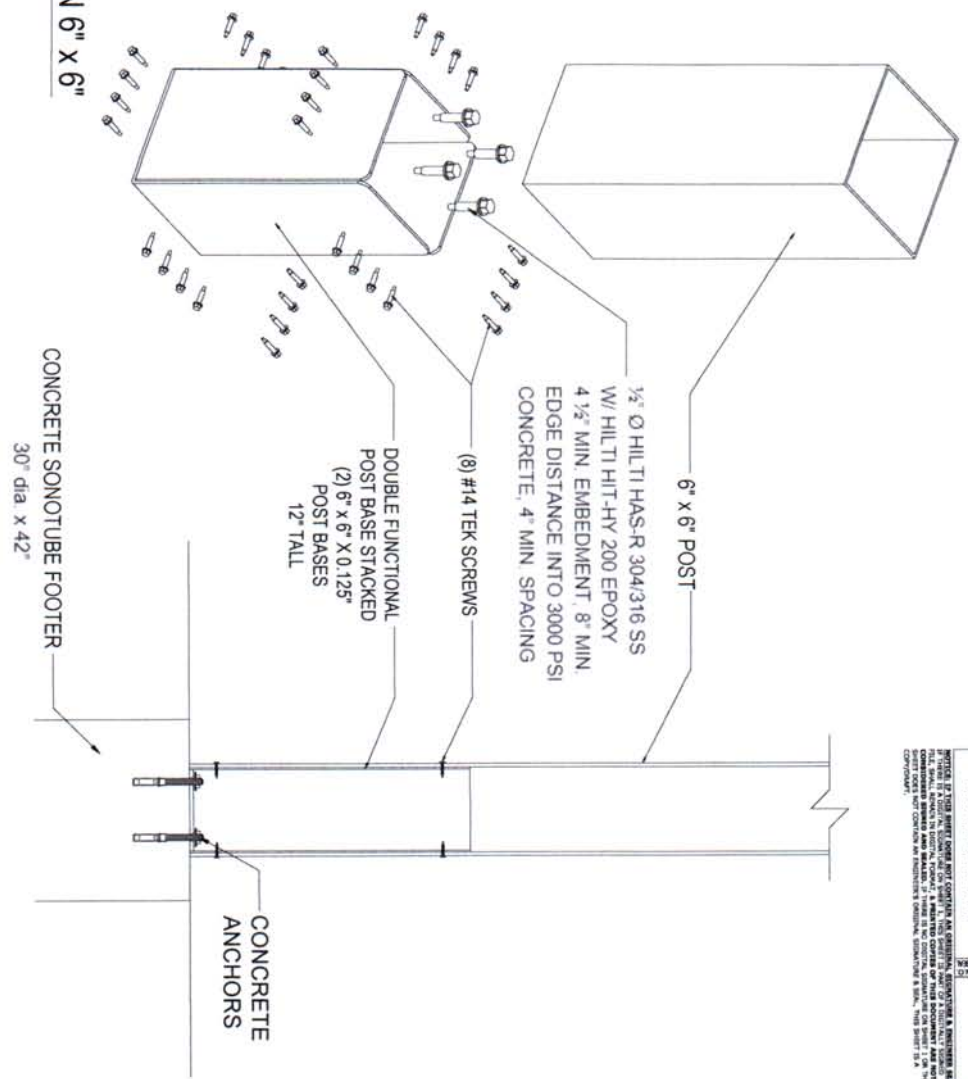
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SHEET NO. A 112

Aluminum Type:  
Louvers 6063-T5  
All Other Components 6063-T6



**DUAL FUNCTIONAL POST  
BRACKET TO SLAB CONNECTION 6" x 6"**



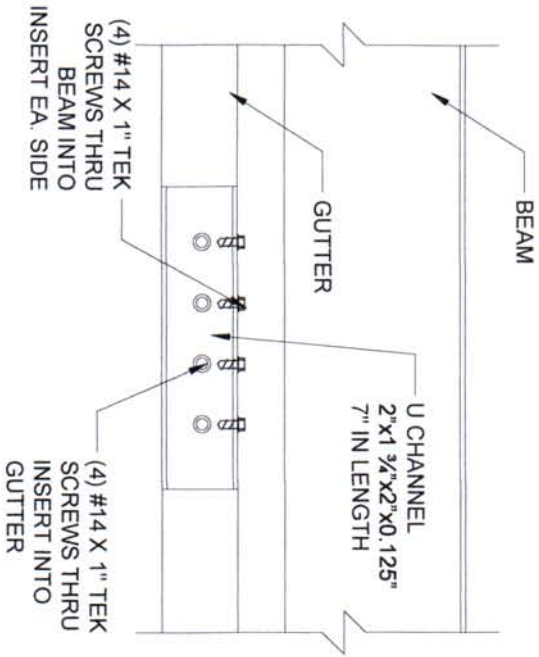
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CORPORATE OFFICE  
160 SW  
DEERFIELD BEACH, FL 33442  
(904) 364-6666 | 1-888-396-8999  
TRADING@STRUKURE.COM

**STRUKURE**  
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DAHL ONEGA GA 30553  
(800) 303-5248

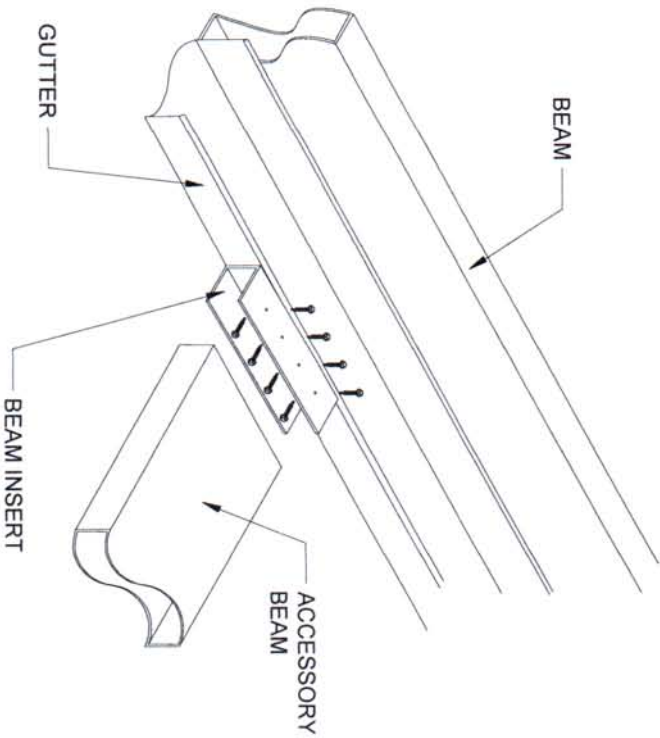
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SHEET NO.	A 113

Aluminum Type:  
Louvers 6063-T5  
All Other Components 6063-T6



**FAN BEAM CONNECTION**



**EX** EXPANDED  
CORPORATE OFFICE:  
160 SW 21st Ave., Suite 100  
DENVILLE, GA 30144  
TEL: 770-951-9466 | 1-800-368-9999  
TAK@EXPANDEDOUTDOOR.COM  
WWW.EXPANDEDOUTDOOR.COM

STRUXURE OUTDOOR, LLC  
P.O. BOX 11000  
DENVILLE, GA 30144  
TEL: 770-951-9466 | 1-800-368-9999  
TAK@STRUXUREOUTDOOR.COM  
WWW.STRUXUREOUTDOOR.COM

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DETAILS
DATE 12/14/20
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SHEET NO. A 114

LOUVERED ROOF MOTOR

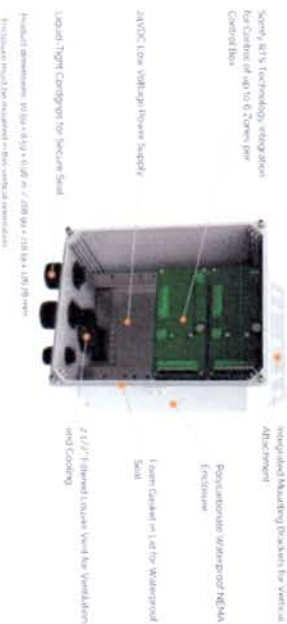


SOMEY TECHNICAL SPECIFICATIONS

<b>VOLTAGE</b>	110VAC	24
<b>LOAD</b>		
Static Load (ft-lb) max	(N/ft)	2500 / 75kg
Dynamic Load (ft-lb) max	(N/ft)	2500 / 982
<b>STROKE</b>		
Stroke length - standard	(mm)	140
<b>CURRENT</b>		
Current consumption - rated load	(A)	1.875
<b>GENERAL DATA</b>		
Speed - no load	(rpm)/4	14
Speed - rated load	(rpm)/4	2.8
Operating temperature limits	(°C)	-100 / 90
Service life	(Cycles)	+10,000
Sound level	(dB(A))	+70
Lead screw type		ACME
Protection class		IP66
Certification		CE (EMV0001-1)
Holder		CLASS III



LOUVERED PERGOLA CONTROL



COMPONENT RATINGS AND CERTIFICATIONS

<b>POWER SUPPLY</b>		
Input Voltage	110VAC	115/720
Input Voltage Frequency Range	60Hz	47 - 63
Output Voltage	24VDC	24
Voltage Adjustable Range	24VDC	21.6 - 28.8V
Current Range	(A)	0 - 14.6
Rated Power	(W)	350.4
Safety Standard		UL60950-1
<b>POWER SUPPLY CABLE (NOT SHOWN)</b>		
Safety Standard	(FTL Certification)	#3170291
Voltage Rating	(V)	300
Temperature Rating	(°F, °C)	-40 to 148
<b>ENCLOSURE</b>		
Safety Standard	UL Certification	UL508A
IP Rating	IP Rating	IP66
Temperature Range	(°F, °C)	-40 to 297
Impact Resistance	(ft-lb)	500
Dielectric Strength	(kV/ft)	380
UV Rating	UL Certification	UL 746C
Flammability Rating	UL Certification	UL 94

NOT PART OF CERTIFICATION – FOR REFERENCE ONLY

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A 116

	DATE:	REVISION:
1		
2		
3		
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6		
7		
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12		

NOTES:



**EXPERTS ENGINEERING CORPORATION**  
CORPORATE OFFICE 106  
DEERFIELD BEACH, FL 33442  
(561) 346-6660 | (561) 346-9999  
WWW.EXPERTSENGINEERING.COM

**FRANK BERNARDI, P.E.**  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF FLORIDA  
NO. 123456789 | EXPIRES 12/31/2024

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