



City of Belle Isle Job Site Permit Card BUILDING 2020-03-046

Site Address: 3512 Brighton Park Cir 32812 **Class:** Residential
Parcel Number: 29-23-30-0906-00-040 **Subdivision**

Description of Work: INSTALL NEW SCREEN ENCLOSURE 20' X 15' WITH NEW CONCRETE SLAB.
(ONE SIDE ALUMINUM ROOF 13' X 15' / OTHER SIDE SCREEN ROOF 7' X 15')

Issued: MD CONSTRUCTION LLC, DAVILA, M ROBERTO License # SCC131151708 Contact # 863 289-9354

Payment/ Issued Date & Method: 4/7/2020 Picked up by email Emailed

Visa Master Card Amex Discover Check / Money Order#

8781

SEPARATE PERMITS WILL BE REQUIRED FOR ALL SUB-WORK - PERMIT MUST BE POSTED ON SITE

BUILDING	INSPECTOR	DATE	COMMENTS
100 Demo Final			
110 Footing			
120 Stem Wall			
130 Slab			
140 Lintel/Tie Beam			
150 Down Pour			
160 Tilt Panel			
170 Window In-progress			
180 Sheathing (wall)			
190 Sheathing (roof)			
195 Dry-in (roof/walls)			
200 Framing			
205 Drywall Nail/Screw			
210 Fire Rated Assembly			
220 Above-Ceiling			
230 Insulation			
240 Lath			
250 Final			
260 Other			

PLEASE NOTE: In order to schedule any inspections, the PERMIT / plans-specs. must be issued and POSTED on the JOB SITE! THIS WILL AVOID ANY FAILED INSPECTIONS & RE-INSPECTION FEES. A permit expires in 6 months if approved inspections are not recorded /scheduled within that time frame. You are responsible for scheduling and keeping track all of your inspections -

☆ Inspection requests are to be emailed to BIIDScheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. **Next-Day Inspection requests must be made by 3:00 p.m.** Please include the following requirements in your request:

- Project Address
- Corresponding Permit Number
- Type of Inspection (Please reference your permit card for inspection codes)
- Date of Inspection (If no date is specified, the inspection will be scheduled for the next business day)
- Contact Name
- Contact Phone Number
- Gate / Entry code (If applicable)
- AM or PM may be requested but not guarantee an exact arrival

Universal Engineering Sciences - 3532 Maggie Blvd., Orlando, FL 32811407-581-8161 * Fax 407-581-0313 www.universalengineering.com

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."



RECEIVED MARCH - 16 - 2020 COBI - UES

City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

RECEIVED
MAR 16 2020

Building / Land Use Permit Application

DATE: 3-16-2020

PERMIT # 2020-03-046

PROJECT ADDRESS 3512 Brynthon Park Cir. Belle Isle, FL 32809 32812

PROPERTY OWNER Deborah Tirado PHONE 347-866-0800/VALUE OF WORK (labor & material) \$ 8949

PLEASE LIST THE NATURE OF YOUR PROPOSED IMPROVEMENTS

Install New Screen Enclosure 20' x 15' with new concrete slab
(one side Alum. Roof 13' x 15' / other side screen roof 7' x 15')

Please provide information, if applicable.

- SINGLE FAMILY RESIDENCE:** 8.5" x 11" Plat Survey, Plot Plan of Home and Floor Plans of New Construction/Revision Required
- BOAT DOCK:** DEP Clearance Required with Application (Call 407-897-4100); please provide a copy of their report
- SEPTIC SYSTEM (RESIDENTIAL):** - Provide verification of OC Health Dept approval for on-site septic tank system, per FAC Chap. 64E-6
- Homeowners will be required to have a contractor on record for homes that are rented and/or not homestead

Please Complete for the City of Belle Isle Zoning Review: - Parcel Id Number: 29-23-30-0906-00-040

For more information, please visit <http://www.ocpal.org/Searches/ParcelSearch.aspx>

ZONING APPROVED
SPECIAL CONDITIONS: STRUCTURES MAY NOT ENCR OACH INTO ANY EASEMENT OR REQUIRED SETBACK. Survey specific foundation plan required to show compliance with zoning setbacks. Note: this Zoning Approval MAY or MAY NOT be in conflict with your Deed Restrictions. For New Single Family Residence, a Traffic Impact Fee and School Impact will be assessed.

Date: 3/24/20 By: [Signature]

PLANNING & ZONING APPROVAL:

DATE City of Belle Isle

PLEASE COMPLETE for Building Review (min. of 2 sets of signed/sealed plans required)

CONSTRUCTION TYPE Addition

OCCUPANCY GROUP Comm Res: Single Fam Multi Fam

#BLDG. #UNITS #STORIES 2 TOTAL SQ.FT. 2109

MAX. FLOOR LOAD MAX. OCCUPANCY

MIN. FLOOR ELEV. LOW FLOOR ELEV.

WATER SERVICE Belle Isle WELL SEPTIC

BUILDING REVIEWER DATE

VERIFIED CONTRACTOR'S LICENSE & INSURANCE ARE ON FILE [Signature] DATE 3-16-2020

Per FSS 105.3.3:

An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies."

Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste, and commercial garbage and construction debris collection and disposal services with the city limits of the City. Contractors, homeowners and commercial businesses may contact Republic Services at 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Rates are fixed by contract and are available at City Hall or from Republic Services. The City enforces the contract through its code enforcement office. Failure to comply will result in a stop work order.

SEPARATE PERMITS ARE REQUIRED FOR ROOFING, ELECTRICAL, PLUMBING, GAS, MECHANICAL, SIGNS, POOLS, ENCLOSURES, ETC.

Page 1 of 2

137 12
4x8

25
30
57.2
28.50
85.50

PAID 47-20 VISA 8781

K80603

Wind Exposure Category: B C D

SPRINKLERS REQ'D Y N

If Required - SUBMIT COPY OF PLANS FOR FIRE

REVIEW Date: Sent RCD

ZONING	Y	N	\$165
CERT OF OCC	Y	N	\$
TRAFFIC	Y	N	\$
SCHOOL	Y	N	\$
FIRE	Y	N	\$
SWIMMING POOL	Y	N	\$
SCREEN ENCLOSURE	Y	N	\$85.50
ROOFING	Y	N	\$
BOAT DOCK	Y	N	\$
BUILDING	Y	N	\$
WINDOW(S)	Y	N	\$
DOOR(S)	Y	N	\$
FENCE	Y	N	\$
SHED	Y	N	\$
DRIVEWAY	Y	N	\$
OTHER	Y	N	\$

1% BCAIB FEE 2 min

1.5% DCA FEE 2 min

TOTAL 254.50

OTHER PERMITS REQUIRED:

ELECTRICAL	Y	NA
PREPOWER	Y	NA
MECHANICAL	Y	NA
PLUMBING	Y	NA
ROOFING	Y	NA
GAS	Y	NA



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 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

RECEIVED
 MAR 16 2020

Building Permit (Land Use) Application

To be completed as required by State Statute Section 713 and other applicable sections.

PERMIT # 2020-03-046

Owner's Name Deborah Tirado

Owner's Address 3512 Brigden Park Cir Orlando FL 32812

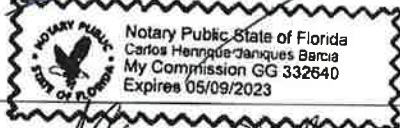
Contractor Name <u>Marcos Davila</u>	Company Name <u>MD Construction LLC</u>
License # <u>SC131151708</u>	Company Address <u>Cole St 512544</u>
Contact Phone/Cell <u>803-289-9354</u>	City, State, ZIP <u>Winter Haven FL 33881</u>
Contact Email <u>Permits@mdconstruction-fl.com</u>	Contact Fax

WARNING TO OWNER: Your failure to record a Notice of Commencement may result in your paying twice for improvements to your property. A notice of commencement must be recorded if job is \$2500(+) or if A/C Replacement \$7500(+) and posted on the job site before the first inspection. If you intend to obtain financing, consult with your lender or an attorney before recording your Notice of Commencement.

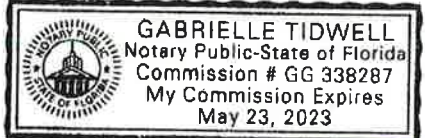
I hereby make Application for Permit as outlined above, and if same is granted I agree to conform to all Division of Building Safety Regulations (www.floridabuilding.org) and City Ordinances (www.municode.com) regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable City and/or State of Florida codes and/or ordinances. Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for all other construction including ROOFING, ELECTRICAL, MECHANICAL, PLUMBING, GAS, SIGNS, POOLS, SCREEN ENCLOSURES, ETC.

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

Owner Signature [Signature]
 The foregoing instrument was acknowledged before me this 3/11/2020
 by Deborah Tirado who is personally known to me
 and who produced Drivers License
 as identification and who did not take an oath.
 Notary as to Owner
 State of Florida
 County of Orange



Contractor Signature [Signature]
 COMPANY NAME MD Construction LLC
 The foregoing instrument was acknowledged before me this 3/16/2020
 by Marcos Davila who is personally known to me
 and who produced _____
 as identification and who did not take an oath.
 Notary as to Owner Gabrielle Tidwell
 State of Florida
 County of Orange



Impervious Surface Ratio Worksheet
 Development Zoned A-1, A-2, R-1-AAA, R-1-AA, R-1-A, R-1 per
 City Code, Section 50-74: Impervious Surface Ratio

- Total Lot Area (sqft) X 0.35 = Allowable Impervious Area (BASE).
 Total Lot Area 2920 X 0.35 =
 Allowable Impervious Area (BASE) 1024
- Calculate the "proposed" impervious area on the lot. This includes the sum of all areas that do not allow direct percolation of rainwater. Examples include house, pool, deck, driveway, accessory building, etc.
 - House _____
 - Driveway _____
 - Walkway _____
 - Accessory Buildings _____
 - Pool & Spa _____
 - Deck & Patio _____
 - Other _____
 Actual Impervious Area (AIA) _____
- If AIA is less than BASE, subtract AIA from BASE to determine the amount of impervious area that may be added without providing onsite retention.
- If AIA is greater than BASE, then onsite retention must be provided.

Assuming 7.5 inches of rainfall based on a 24hr 10 year Rain Event (TP40), the formula is: (7.5 inches rainfall/12 inches p/foot) X (result from line 4) = cubic feet of storage volume needed

Handwritten note: Taxation

RECEIVED
MAR 16 2020

Permit Number: _____
Folio/Parcel ID #: 29-23-30-0900-00-040
Prepared by: Marcos Davila

DOC# 20200136913
03/03/2020 01:04:00 PM Page 1 of 1
Rec Fee: \$10.00
Phil Diamond, Comptroller
Orange County, FL
IP - Ret To: MD CONSTRUCTION LLC

Return to: MD Construction LLC
6656 SR 544
Winter Haven, FL 33881



Belle Isle

NOTICE OF COMMENCEMENT

State of Florida, County of Orange
The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

- Description of property (legal description of the property, and street address if available)
Brignton Park 91196 Lot 4
- General description of improvement
New Screen Enclosure / Screen Room
- Owner information or Lessee information if the Lessee contracted for the improvement
Name Deborah Trade
Address 5612 Brignton Park Cir Orlando FL 32818
Interest in Property Owner
Name and address of fee simple titleholder (if different from Owner listed above)
Name _____
Address _____
- Contractor
Name MD Construction LLC Telephone Number 321-663-5203
Address 6656 SR 544, Winter Haven, FL 33881
- Surety (if applicable, a copy of the payment bond is attached)
Name _____ Telephone Number _____
Address _____ Amount of Bond \$ _____
- Lender
Name _____ Telephone Number _____
Address _____
- Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by §713.13(1)(a)7, Florida Statutes.
Name _____ Telephone Number _____
Address _____
- In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in §713.13(1)(b), Florida Statutes.
Name _____ Telephone Number _____
Address _____
- Expiration date of notice of commencement (the expiration date may not be before the completion of construction and final payment to the contractor, but will be 1 year from the date of recording unless a different date is specified) _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Deborah Trade Owner
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager Signatory's Title/Office

The foregoing instrument was acknowledged before me this 13 day of March by Deborah Trade
month/year name of person
as Owner for _____
Type of authority, e.g., officer, trustee, attorney in fact Name of party on behalf of whom instrument was executed
[Signature] _____
Signature of Notary Public - State of Florida Print, type, or stamp commissioned name of Notary Public

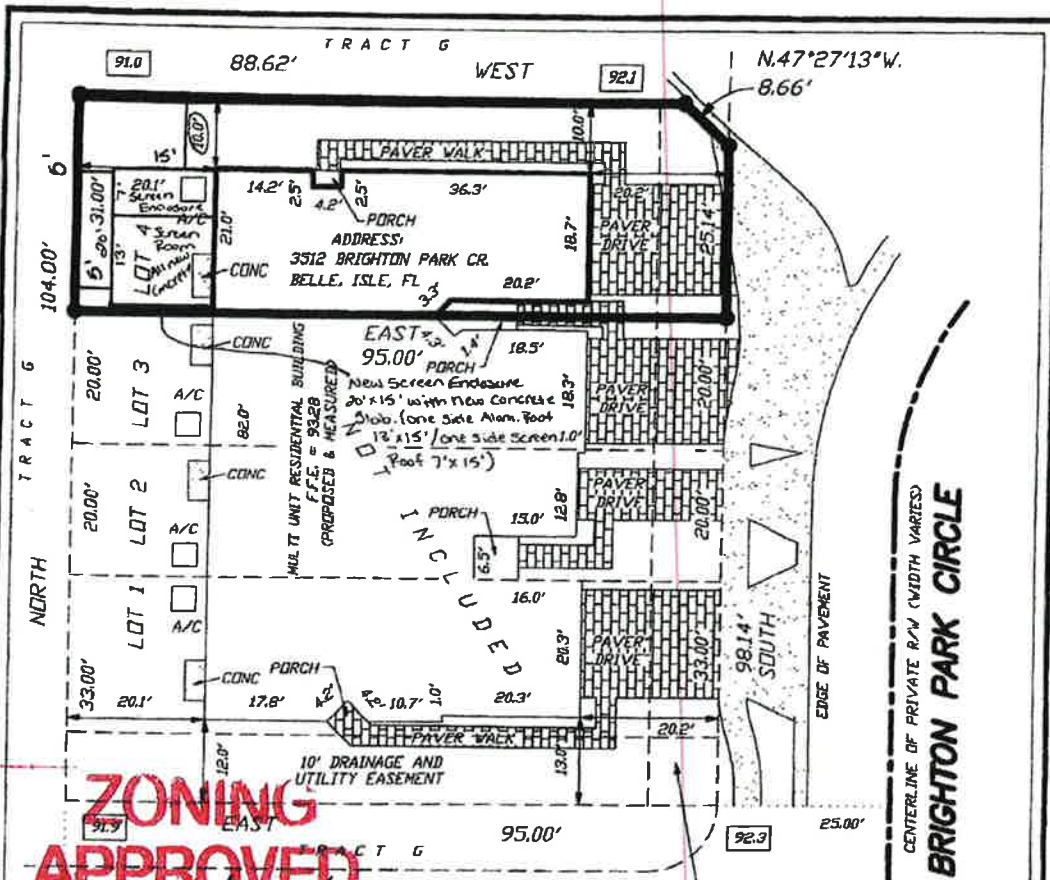
Personally Known OR Produced ID X
Type of ID Produced Drivers License

Form content revised: 10/17/12



State of FLORIDA, County of ORANGE
I hereby certify that this is a true copy of the document as reflected in the Official Records
PHIL DIAMOND, COUNTY COMPTROLLER
BY: [Signature] D.C.
DATED: 3/3/20





ZONING APPROVED

Date: 3/24/20 By: *[Signature]*
 City of Belle Isle

TRENTWOOD BOULEVARD
 CENTERLINE OF PRIVATE R/W (WIDTH VARIES)

FINAL SURVEY / BOUNDARY SURVEY

DESCRIPTION:
 LOT 4, BRIGHTON PARK, AS RECORDED IN PLAT BOOK 91, PAGES 96 AND 97, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA

LEGEND

- CONC = CONCRETE
- R/W = RIGHT-OF-WAY
- PC = POINT OF CURVATURE
- LB = LICENSED BUSINESS
- REG = REGISTERED
- F.F.E. = FINISHED FLOOR ELEVATION
- = FOUND 5/8" IRON ROD #7274

NOTES

1. BEARINGS BASED ON THE NORTH LINE OF LOT 4 AS BEING WEST. (PER PLAT).
2. UNDERGROUND IMPROVEMENTS NOT LOCATED.
3. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
4. SUBJECT PROPERTY LIES IN ZONE "X" PER FLOOD INSURANCE RATE MAP PANEL #12095C0430F, DATED 9/25/2009, AND LIES OUTSIDE THE 500-YEAR FLOOD PLAIN
5. DATE OF FIELD SURVEY: 8/8/17.
6. ELEVATIONS BASED ON SITE BENCHMARK PER CONSTRUCTION PLANS.

GERTIFIED TO:

FIRST AMERICAN TITLE INSURANCE COMPANY
 MATTAMY HOMES TITLE AGENCY, LLC
 MATTAMY HOME FUNDING, LLC
 MATTAMY ORLANDO, LLC, A DELAWARE LIMITED LIABILITY CO.
 SADRINA RACHEL ZALESKI

I HEREBY CERTIFY:

THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.

[Signature]
 THOMAS J. MCMAHON

FL REG LAND SURVEYOR #4887 CERTIFICATE OF AUTHORIZATION LB7434
 NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

DATE:

8/8/17

SCALE:

1" = 20'

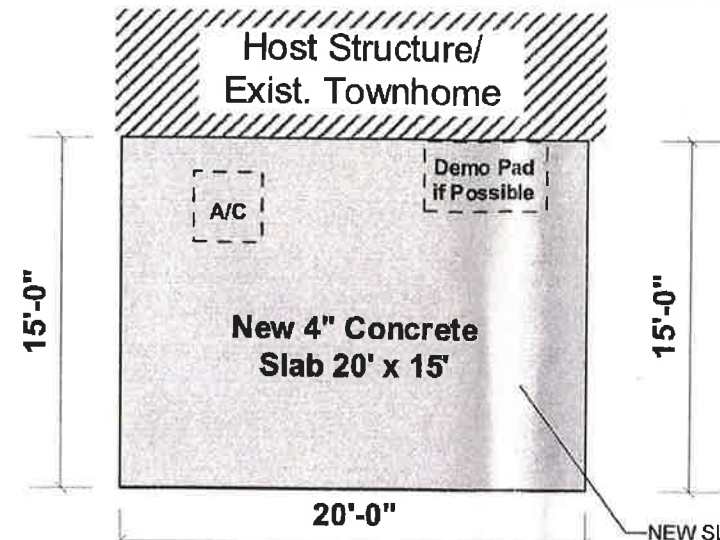
JOB NO.

17-BR47

MCMAHON SURVEYING AND MAPPING, LLC
 245 SAN MARCOS AVENUE
 SANFORD, FLORIDA, 32771
 PHONE 107-320-7201

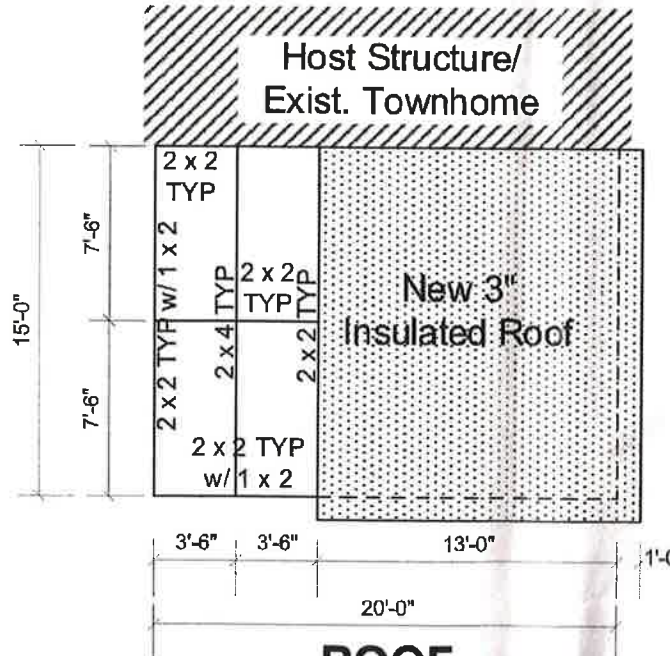
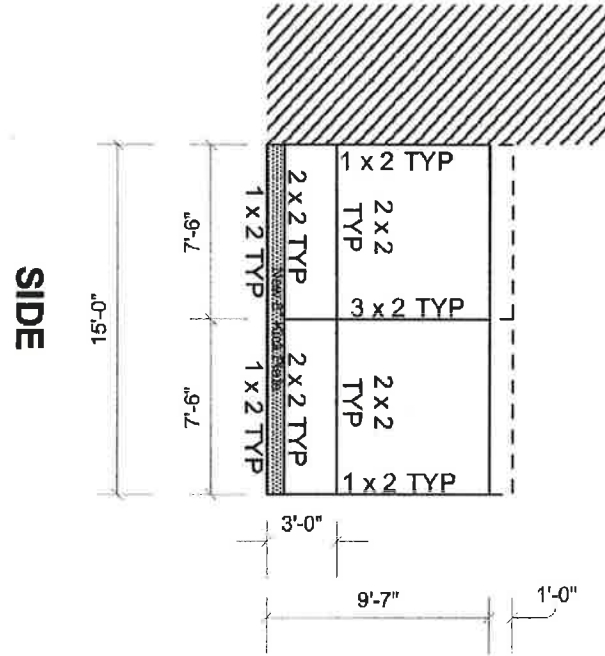
**INSTALL NEW SCREEN ENCLOSURE 20' x 15' WITH NEW CONCRETE SLAB
(ONE SIDE ALUM ROOF 13' x 15'/ OTHER SIDE SCREEN ROOF 7' x 15')**

ENGINEERING NOTES:
 1. ENGINEERING MEETS OR EXCEEDS 2017 FLORIDA BUILDING CODE (6th EDITION), RESIDENTIAL, PER SECTION R301 USING ASCE-7-10 130 mph BASIC WIND SPEED (Vult), RISK CATEGORY I, Vasd= 101 MPH.
 2. EXPOSURE C
 INTERNAL PRESSURE COEFFICIENT= +/-0.18
 3. ALL ALUMINUM MEMBERS TO BE 6055 T6 OR 6063 T6 BASED ON AVAILABILITY.

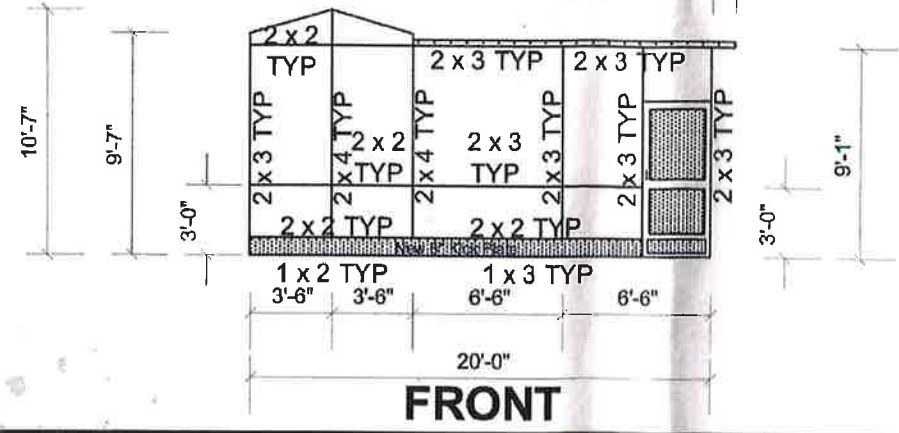
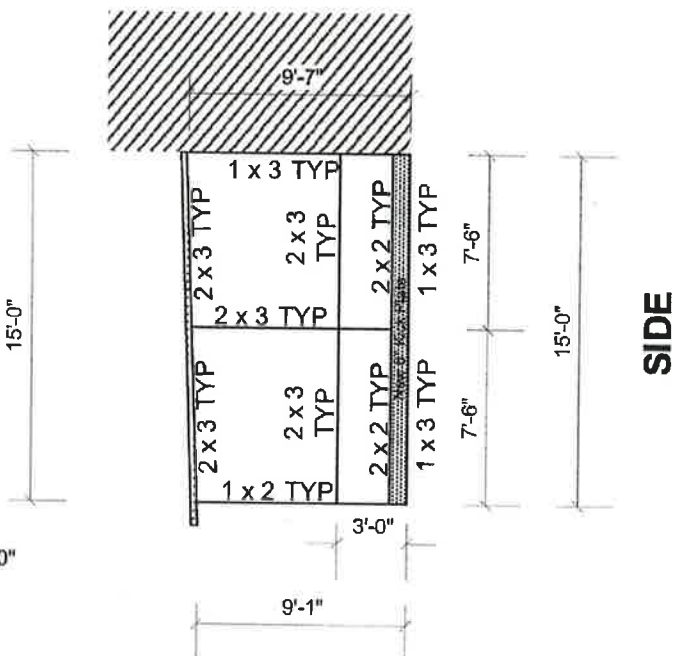


FOUNDATION PLAN

NEW SLAB: 4" CONCRETE, 2500 psi (MIN.) WITH FIBERMESH OR 6x6 #10 WWM, ON TERMITE TREATED, CLEAN SOIL. SLOPE CONCRETE 1% MIN. AWAY FROM EXISTING STRUCTURE.



ROOF



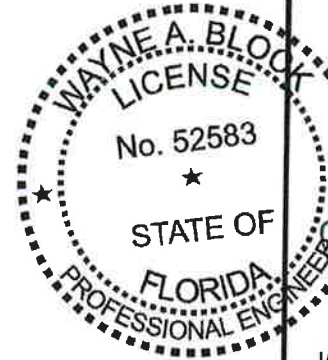
FRONT

MD Construction LLC
 4123 Island Lakes Dr, Winter Haven, FL 33881
 Office: (321) 663-5203
 email: mdconstructionfl@gmail.com
 Licensed & Insured
 State Certified Specialty Contractor
 SCC-131151708

OWNER
 Deborah Tirado & Manuel Diaz
 Phone: 347-866-0800
 Address: 3512 Brighton Park Cir
 Belle Isle - FL 32812

PAGE 1 OF 3

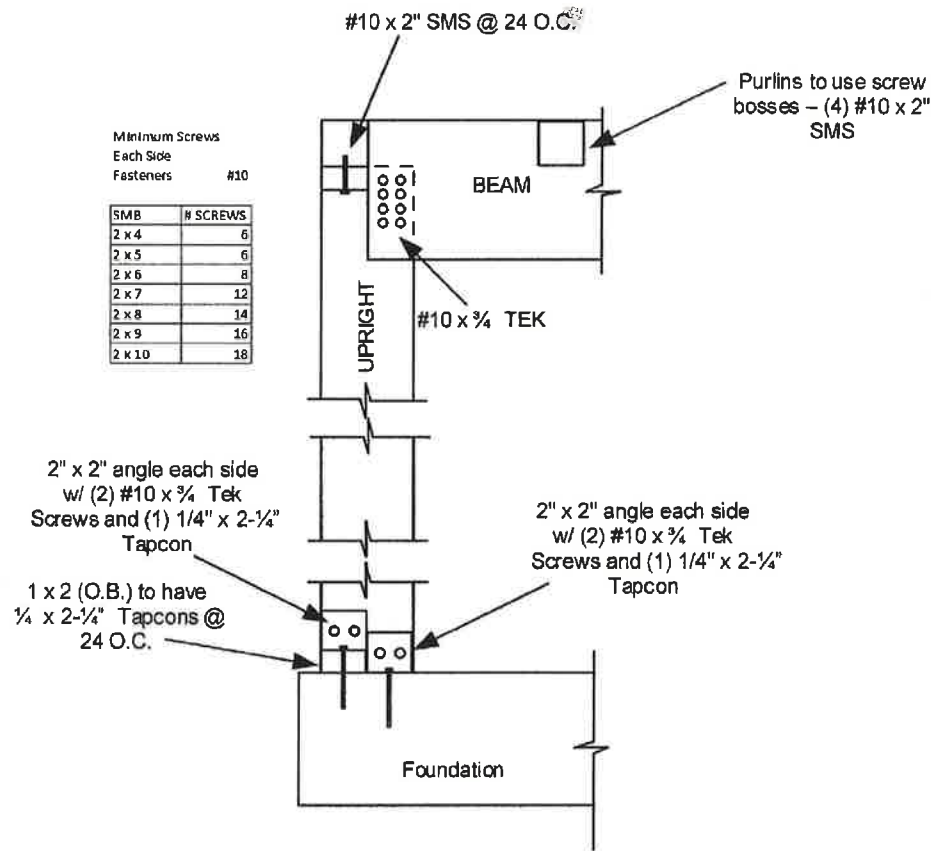
Lildon Engineering Company, Inc.
 920 Sunset Shores Dr.
 Minneola, Florida 34715
 (352) 394-2590 Ph. & FAX
 Cert. Auth. # 2898



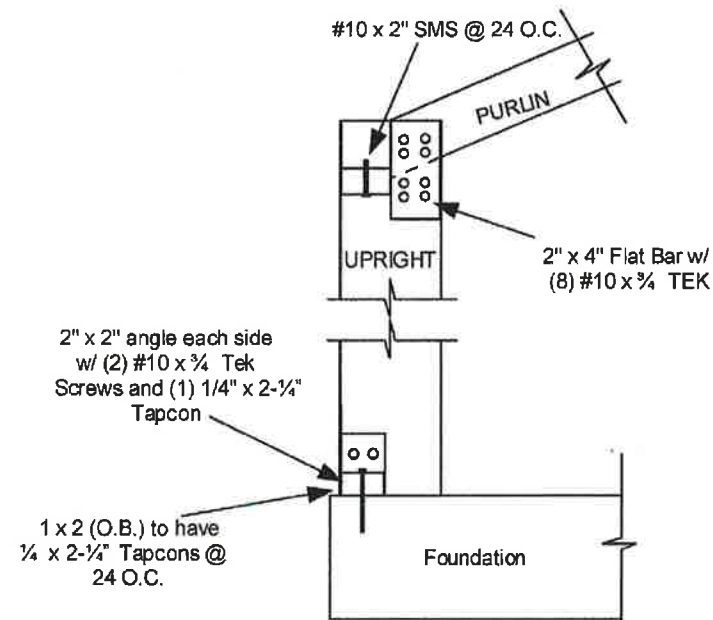
February 25, 2020
 Wayne A. Block PE # 52583

Minimum Screws
Each Side
Fasteners #10

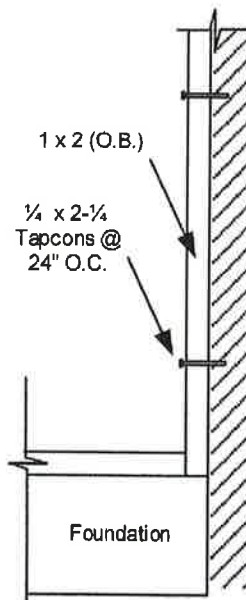
SMB	# SCREWS
2 x 4	6
2 x 5	6
2 x 6	8
2 x 7	12
2 x 8	14
2 x 9	16
2 x 10	18



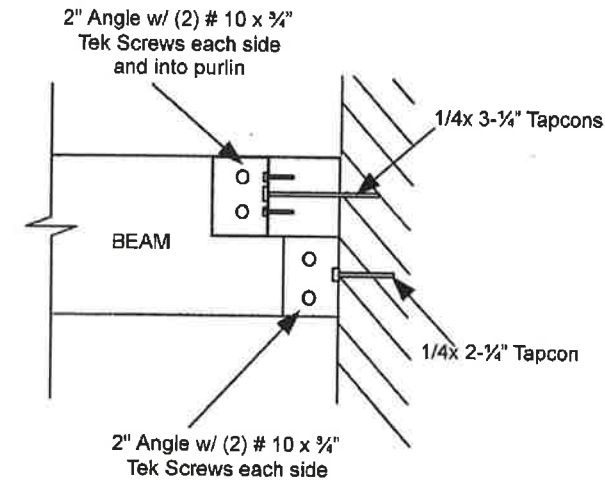
BEAM/ UPRIGHT DETAIL



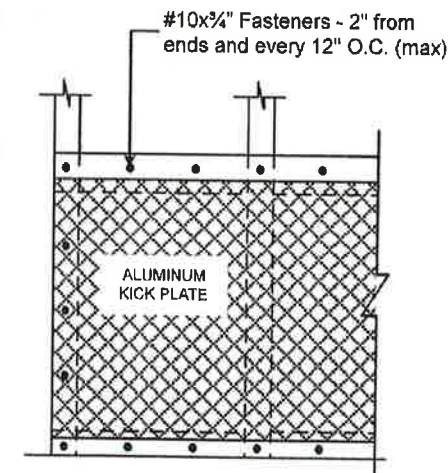
SIDE WALL/ PURLIN DETAIL



SIDE WALL DETAIL



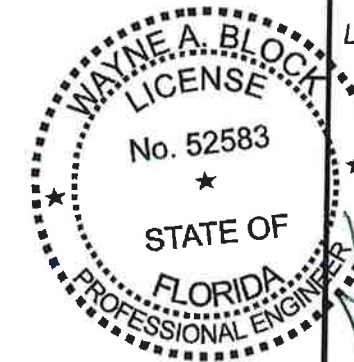
BEAM TO WALL DETAIL



TYPICAL ALUMINUM KICK PLATE ATTACHMENT



Reviewed for Code
Compliance
Universal Engineering
Sciences



MD Construction LLC
4123 Island Lakes Dr, Winter Haven, FL 33881
Office: (321) 663-5203
email: mdconstructionllc@gmail.com
Licensed & Insured
State Certified Specialty Contractor
SCC131151708

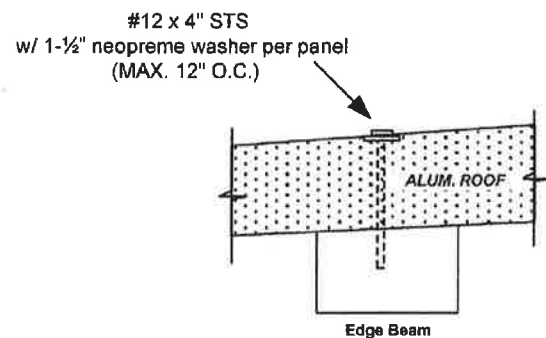


OWNER
Deborah Tirado & Manuel Diaz
Phone: 347-866-0800
Address: 3512 Brighton Park Cir
Belle Isle - FL 32812

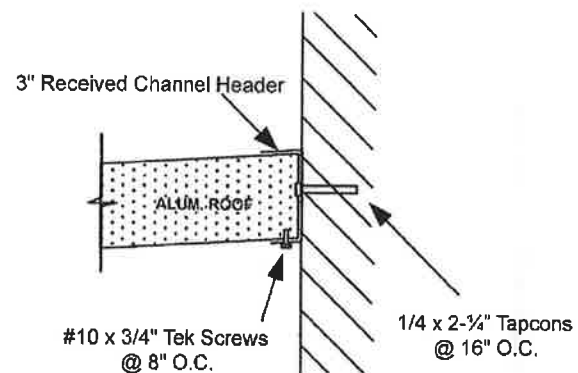
PAGE 2 OF 3

Lidon Engineering Company, Inc.
920 Sunset Shores Dr.
Minneola, Florida 34715
(352) 394-2590 Ph. & FAX
Cert. Auth. # 2898

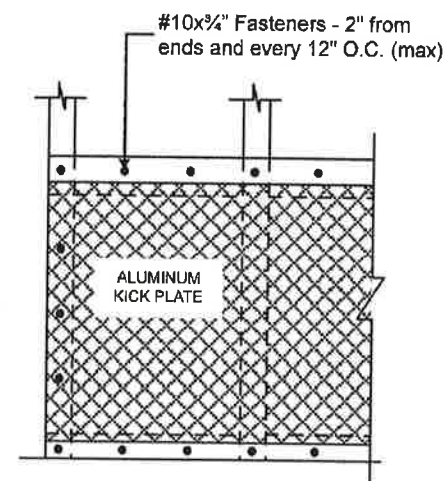
February 25, 2020
Wayne A. Block PE # 52583



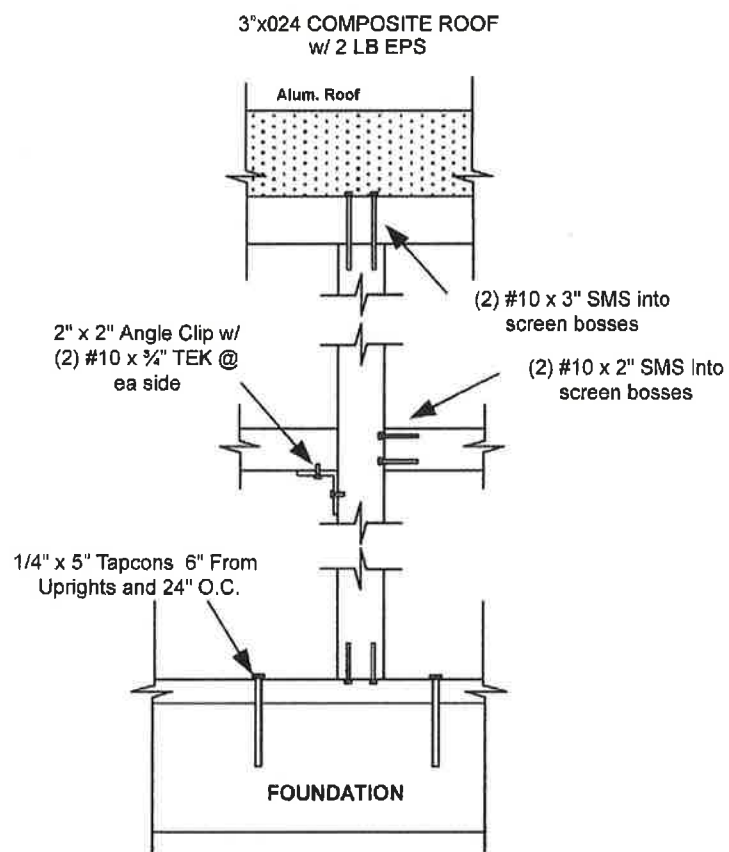
TYPICAL ROOF TO BEAM DETAIL



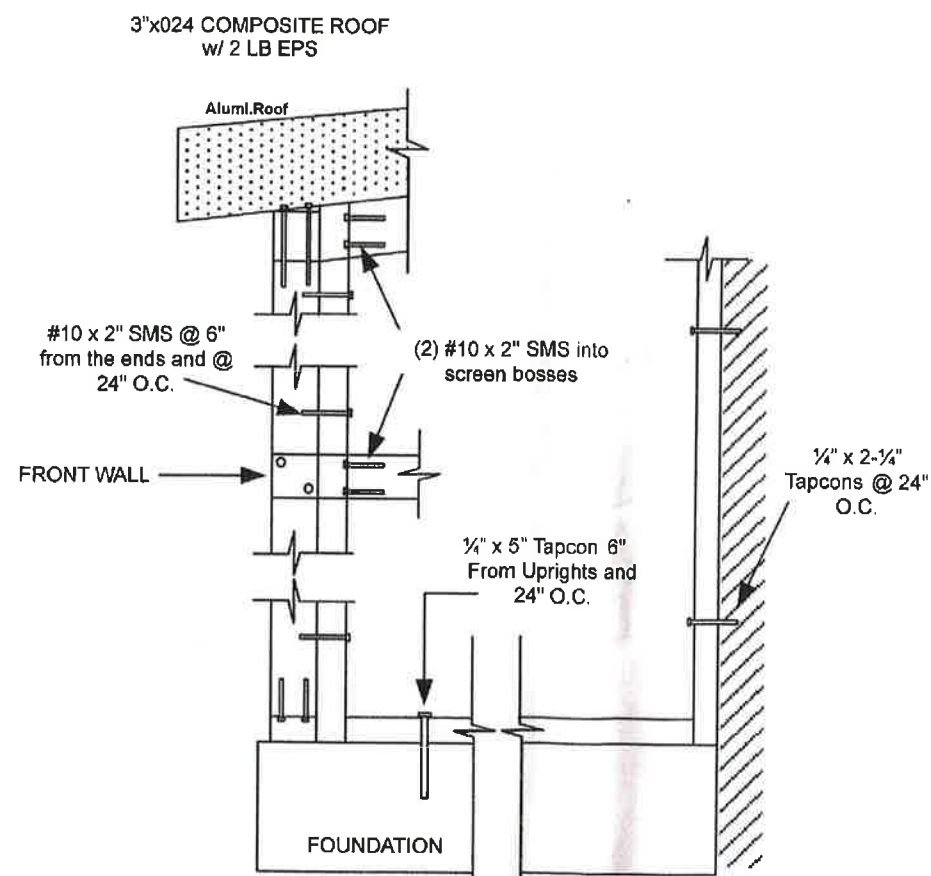
ALUM. ROOF TO WALL



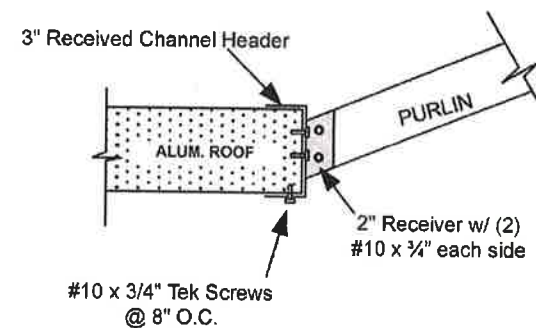
TYPICAL ALUMINUM KICK PLATE ATTACHMENT



TYPICAL UPRIGHT DETAIL



TYPICAL SIDE DETAIL



ALUM. ROOF TO PURLIN

Reviewed for Code Compliance
Universal Engineering Sciences



Lildon Engineering Company, Inc.
920 Sunset Shores Dr.
Minneola, Florida 34715
(352) 394-2590 Ph. & FAX
Cert. Auth. # 2898

February 25, 2020
Wayne A. Block PE # 52583

MD Construction LLC
4123 Island Lakes Dr, Winter Haven, FL 33881
Office: (321) 663-5203
email: mdconstructionfl@gmail.com
Licensed & Insured
State Certified Specialty Contractor
SCC131151708



OWNER
Deborah Tirado & Manuel Diaz
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Address: 3512 Brighton Park Cir
Belle Isle - FL 32812



City of Belle Isle
 Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
 Tel 407-581-8161 * Fax 407-581-0313 * www.universaleengineering.com



Product Approval Form

DATE: 3/16/2020

PERMIT # 2020-03-046

PROJECT ADDRESS 3512 Brighten Park Cir, Belle Isle, FL 32809 32812

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at www.floridabuilding.org or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

- This Product Approval Cover Sheet
- Internet screen printout from FloridaBuilding.Org showing PA#, approval code and edition stamped
- Manufacturer's installation details from FloridaBuilding.Org and requirements for each product stamped
- The Installation instructions must be posted on-site before your first inspection

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	Model/Series	FL Product Approval #
EXTERIOR DOORS				WALL PANELS			
Swinging				Siding			
Sliding				Soffits			
Sectional/Rollup				Storefront			
Other				Glass Block			
				Other			
WINDOWS				ROOFING PRODUCTS			
Single/Dbl Hung				Asphalt Shingles			
Horizontal Slider				Non Struct Metal	Elo Aluminum Corporation	Aluminum/Aluminum Composite Panels	FL7561-R4
Casement				Roofing Tiles			
Fixed				Single Ply Roof			
Mullion				Underlayment			
Skylights				Other			
Other							
STRUCTURAL COMPONENTS				OTHER			
Wood Connectors							
Wood Anchors							
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature Maximos P. Rish

Date _____



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #	FL7561-R4
Application Type	Revision
Code Version	2017
Application Status	Approved
Comments	
Archived	<input type="checkbox"/>
Product Manufacturer	Elite Aluminum Corporation
Address/Phone/Email	4650 Lyons Technology Parkway Coconut Creek, FL 33073 (954) 949-3200 dk@dokimengineering.net
Authorized Signature	Do Kim dk@dokimengineering.net
Technical Representative	Bruce Peacock
Address/Phone/Email	4650 Lyons Technology Parkway Coconut Creek, FL 33073 (954) 949-3200 bpeacock@elitealuminum.com
Quality Assurance Representative	
Address/Phone/Email	
Category	Roofing
Subcategory	Products Introduced as a Result of New Technology
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input type="checkbox"/> Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Do Kim, P.E.
Florida License	PE-49497
Quality Assurance Entity	QAI Laboratories
Quality Assurance Contract Expiration Date	12/30/2022
Validated By	James L. Buckner, P.E. @ CBUCK, Inc. <input type="checkbox"/> Validation Checklist - Hardcopy Received
Certificate of Independence	FL7561_R4_COI_Cert of Independence.pdf
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	1709.2

Product Approval Method	Method 2 Option B
Date Submitted	08/15/2017
Date Validated	08/16/2017
Date Pending FBC Approval	08/20/2017
Date Approved	10/10/2017

Summary of Products

FL #	Model, Number or Name	Description
7561.1	Aluminum/Aluminum Composite Panels	3"/4"/6"x0.024"x1lb EPS Composite Panel, 3"/4"/6"x0.032x1lb EPS Composite Panel, 3"/4"/6"x0.024"x2lb EPS Composite Panel, 3"/4"/6"x0.030"x2lb EPS Composite Panel,
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +80/-80 Other: In HVHZ, not to be used in structures considered living areas per FBC Section 1616 unless impact protection is provided. See installation drawing for nominal allowable design pressures and spans.		Installation Instructions FL7561 R4 II 2017 FBC-Elite Aluminum Corp-Install Instruct.pdf Verified By: Do Kim, P.E. PE 49497 Created by Independent Third Party: Yes Evaluation Reports FL7561 R4 AE FL 7561 Evaluation Report-2017 FBC.pdf Created by Independent Third Party: Yes

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Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824](#)

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Product Approval Accepts:



Credit Card
Safe



ELITE PANEL SPAN TABLES: 1. Net allowable loads are permitted to be multiplied by 1.67 to derive ultimate loads (psf).

3" x 0.024 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	16.17	15.76	15.03	14.10
20	13.44	13.44	12.22	10.35
30	10.78	10.78	9.41	6.60
40	9.22	9.22	6.60	2.85
50	8.17	8.17	3.79	-
60	7.40	6.39	0.98	-
70	6.81	4.51	-	-
80	6.33	2.64	-	-

3" x 0.032 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	17.50	17.50	16.91	15.96
20	16.64	15.96	14.06	12.16
30	15.17	14.06	11.21	8.36
40	13.69	12.16	8.36	4.56
50	12.22	10.26	5.51	0.76
60	10.75	8.36	2.66	-
70	9.27	6.46	-	-
80	7.80	4.56	-	-

3" x 0.024 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	19.33	18.95	18.31	17.66
20	18.11	17.66	16.36	15.06
30	16.80	16.36	14.41	12.46
40	15.49	15.06	12.46	9.86
50	14.18	13.76	10.51	7.26
60	12.87	12.46	8.57	4.67
70	11.57	11.16	6.62	2.07
80	10.26	9.86	4.67	-

3" x 0.030 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	20.11	20.03	19.42	18.81
20	19.02	18.81	17.58	16.35
30	17.93	17.58	15.73	13.89
40	16.83	16.35	13.89	11.43
50	15.74	15.12	12.05	8.97
60	14.64	13.89	10.21	6.52
70	13.55	12.66	8.36	4.06
80	12.46	11.43	6.52	1.60

4" x 0.024 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	19.00	19.00	17.17	16.53
20	15.01	15.01	15.01	13.95
30	12.50	12.50	12.50	11.38
40	10.97	10.97	10.97	8.80
50	9.92	9.92	9.44	6.22
60	9.13	9.13	7.51	3.64
70	8.52	8.52	5.58	1.07
80	8.02	8.02	3.64	-

4" x 0.032 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	20.50	20.50	20.11	19.24
20	19.61	19.24	17.49	15.74
30	18.17	17.49	14.87	12.24
40	16.72	15.74	12.24	8.74
50	15.28	13.99	9.62	5.25
60	13.84	12.24	7.00	1.75
70	12.40	10.49	4.38	-
80	10.95	8.74	1.75	-

4" x 0.024 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	21.97	21.97	21.52	20.97
20	20.77	20.77	19.86	18.76
30	19.57	19.57	18.21	16.55
40	18.36	18.36	16.55	14.34
50	17.16	17.16	14.89	12.13
60	15.96	15.96	13.24	9.93
70	14.75	14.75	11.58	7.72
80	13.55	13.55	9.93	5.51

4" x 0.030 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	24.17	24.17	24.17	24.17
20	23.64	23.64	23.41	23.11
30	22.57	22.57	21.90	21.01
40	21.51	21.51	20.39	18.91
50	20.45	20.45	18.88	16.80
60	19.39	19.39	17.37	14.70
70	18.33	18.33	15.86	12.59
80	17.26	17.26	14.35	10.49

6" x 0.024 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	23.00	21.24	21.47	20.85
20	18.06	18.06	18.06	18.06
30	15.13	15.13	15.13	15.13
40	13.34	13.34	13.34	13.34
50	12.10	12.10	12.10	10.91
60	11.17	11.17	11.17	8.43
70	10.44	10.44	10.30	5.95
80	9.85	9.85	8.43	3.47

6" x 0.032 x 1 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	24.00	24.00	24.00	23.42
20	23.34	23.21	21.82	20.22
30	22.10	21.63	19.42	17.02
40	20.86	20.05	17.02	13.82
50	19.62	18.47	14.62	10.62
60	18.38	16.89	12.22	7.42
70	17.14	15.30	9.82	4.22
80	15.91	13.72	7.42	1.02

6" x 0.024 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

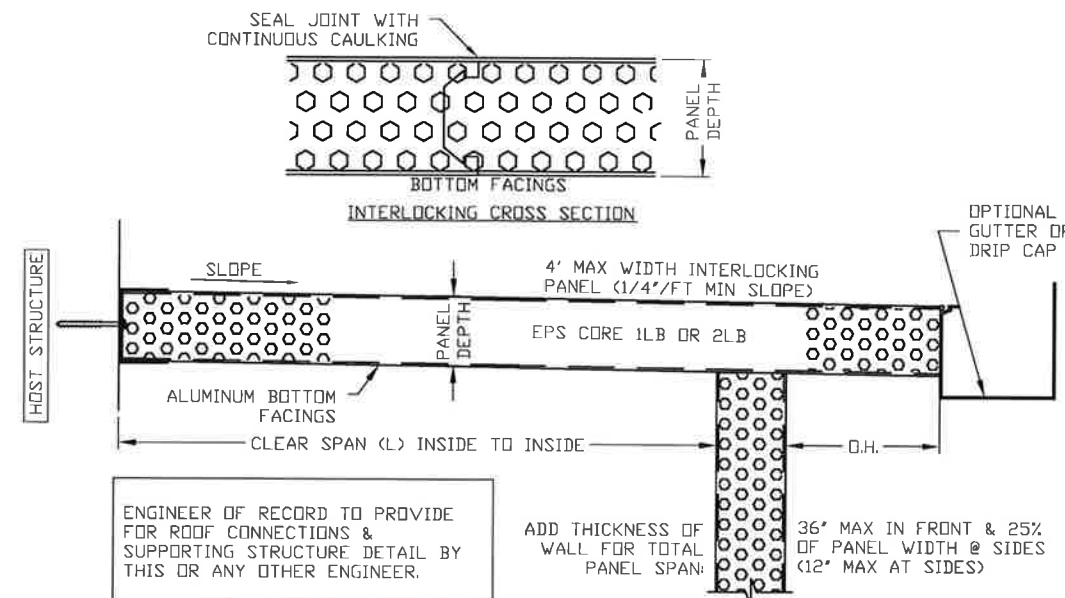
NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	23.93	23.93	23.88	23.60
20	23.20	23.20	23.03	22.46
30	22.47	22.47	22.18	21.33
40	21.75	21.75	21.33	20.20
50	21.02	21.02	20.49	19.07
60	20.29	20.29	19.64	17.94
70	19.57	19.57	18.79	16.81
80	18.84	18.84	17.94	15.68

6" x 0.030 x 2 - LB EPS PANELS
(ALLOWABLE CLEAR SPAN CHARTS)

NET ALLOWABLE LOAD (PSF) ¹	MAX. ALLOWABLE SPAN (FT)			
	L/80	L/120	L/180	L/240
10	24.00	24.00	24.00	23.84
20	23.65	23.65	23.34	22.84
30	22.94	22.94	22.59	21.85
40	22.23	22.23	21.85	20.85
50	21.53	21.53	21.10	19.86
60	20.82	20.82	20.36	18.87
70	20.11	20.11	19.61	17.87
80	19.40	19.40	18.87	16.88

GENERAL NOTES

- Composite panels shall be constructed using type 3003-H154 aluminum facings, 1 or 2 PCF ASTM C-578 carpenter brand EPS adhere to aluminum facings with Ashland Chemical 2020D ISO grip. Fabrication to be by Elite panel products only in accordance with approved fabrication methods.
- Elite roof panels maintain a UL 1715 (int) class 'B' (ext) rating and are NER-501 approved.
- This specification has been designed and shall be fabricated in accordance with the requirements of the Florida Building Code 6th Edition (FBC), composite panels comply with Chapter 7 Section 720, Chapter 8 Section 803, Class A interior finish, and Chapter 26 Section 2603. All local building code amendments shall be adhered to as required.
- The designer shall determine by accepted engineering practice the allowable loads for site specific load conditions (including load combinations) using the data from the allowable loads tables and spans in this approval.
- Deflection limits and allowable spans have been listed to meet FBC including the HVHZ. In HVHZ, this product shall be used in structures "not to be considered living areas" per Section 1616 unless impact resistance in accordance to the HVHZ requirements are met.
- Safety factor of 2.0 has been used to develop allowable loads and spans from testing in accordance to the Guidelines for Aluminum Structures Part 1 and conforms to the FBC Chapter 16 and 20.
- Testing has been conducted in accordance to ASTM E72-05: Strength Test of Panels for Building Construction.
- Reference test reports: HETI-05-1988, HETI-06-2104, HETI-06-2066, HETI-06-2105, HETI-06-2067, HETI-05-1002, HETI-06-2107, HETI-05-1987, HETI-06-2069, HETI-06-2070, HETI-06-2071, HETI-05-1994, HETI-05-1991, HETI-06-2072, HETI-06-2073, HETI-06-2074, HETI-05-1996, HETI-05-1989, HETI-05-1993, HETI-05-1985, HETI-05-1995, HETI-05-1990, HETI-05-1997, HETI-05-2037, HETI-05-2029, HETI-05-2039, HETI-05-2030, HETI-05-2041, HETI-05-2048, HETI-05-2036, HETI-05-2031, HETI-05-2038, HETI-05-2065, HETI-05-2040, HETI-05-2042.
- Linear interpolation shall be allowed for figures within the tables shown.
- Panels with fan beams shall be considered equivalent to similar panels without fan beams. Design professionals may include the strength of the fan beam to exceed shown figures as part of site-specific engineering.



EPS ROOF PANEL/ SPAN DESCRIPTION

DO KIM & ASSOCIATES, LLC

CONSULTING STRUCTURAL ENGINEERS

PO BOX 10039
Tampa, FL 33679
Tel: (813) 857-9955

Rev./Date	Description
8/12 2017	ISSUED FOR FBC 6th Edition PRODUCT APPROVAL
△	
△	
△	
△	

Elite Aluminum Corporation
4650 Lyons Technology Parkway
Coconut Creek, FL 33073

EPS FOAM CORE COMPOSITE PANELS
ALUMINUM/ALUMINUM SKIN
FLORIDA STATEWIDE PRODUCT APPROVAL

DRAWN BY: DYK
CHECKED BY: DYK
SCALE: AS SHOWN
DATE: 2/19/12

DO Y. KIM
LICENSE
No. 49497
DO YEON KIM, P.E.
FLA. REG. NUMBER 49497

DO KIM & ASSOCIATES, LLC
CA# 26887
PO BOX 10039
Tampa, FL 33679

PROFESSIONAL ENGINEER

This item has been electronically signed and sealed by Do Y. Kim, PE on this date using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies. 2017.08.16 10:23:35 -04'00'

Drawing No. - FL-1001

SHEET 1 OF 1



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE SPECIALTY STRUCTURE CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

DAVILA, MARCOS ROBERTO

MD CONSTRUCTION LLC
1919 JOHN HENRY JONES BLVD
KISSIMMEE FL 34741

LICENSE NUMBER: SCC131151708

EXPIRATION DATE: AUGUST 31, 2020

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JIMMY PATRONIS
CHIEF FINANCIAL OFFICER

**STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION**

**** CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW ****

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 1/21/2020

EXPIRATION DATE: 1/20/2022

PERSON: MARCOS R DAVILA

EMAIL: MARCOS@MDCONSTRUCTIONFL.COM

FEIN: 464475465

BUSINESS NAME AND ADDRESS:

MD CONSTRUCTION LLC

6656 STATE ROAD 544

WINTER HAVEN, FL 33881

SCOPE OF BUSINESS OR TRADE:

Door and Window Installation All Types Residential and Commercial	Concrete or Cement Work - Floors, Driveways, Yards, or Sidewalks and Drivers	Contractor-Project Manager, Construction Executive, Construction Manager or Construction Superintendent	Fence Installation and Repair- Metal, Vinyl, Wood or Prefabricated Concrete Panel Fence Installed By Hand
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IMPORTANT: Pursuant to subsection 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to subsection 440.05(12), F.S., Certificates of election to be exempt issued under subsection (3) shall apply only to the corporate officer named on the notice of election to be exempt and apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to subsection 440.05(13), F.S., notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

POLK COUNTY LOCAL BUSINESS TAX RECEIPT
ACCOUNT NO. **174536**

CLASS: B

EXPIRES: 9/30/2020

OWNER NAME
DAVILA, MARCOS R

LOCATION
**6656 SR 544
WINTER HAVEN**

BUSINESS NAME AND MAILING ADDRESS

MD CONSTRUCTION LLC

**6656 SR 544
WINTER HAVEN, FL 33881**

CODE ACTIVITY TYPE
230000 LTD NON-LICENSED CONSTRUCTION
230280 CONTRACTOR SPECIALTY STRUCTURE



PROFESSIONAL LICENSE (IF APPLICABLE)

OFFICE OF JOE G. TEDDER, CFC * TAX COLLECTOR

THIS POLK COUNTY LOCAL BUSINESS TAX RECEIPT MUST BE
CONSPICUOUSLY DISPLAYED AT THE BUSINESS LOCATION

PAID-1517215-0001-0001 07/09/2019 07/09/2019 LMM 159 57.75 MEGAN DAVILA

TC301F-16