



City of Belle Isle

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

PERMIT CARD - PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 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." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.**

Scope of Work: MECHANICAL: one 4-ton unit change out

Comments: None

Project Information

Address: 6115 Matchett Rd, Belle Isle, FL 32809
Parcel ID: 24-23-29-2400-00-168
Property Owner: Glass, Cecil
Phone Number: 407 865 6271

Company Name: Del-Air Heating, A/C & Refrigeration Inc
Contractor Name: Del Russo, Robert
License Number: CAC032448
Address: 531 Codesco Way, Sanford, FL 32771
Phone Number: 407-585-3004

Permit Number: 2016-08-028

Date of Application: 08/18/2016
Date Permit Issued: 08/18/2016

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU 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." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

School \$
Traffic \$

ZONING FEES

Zoning Fee \$

UNIVERSAL ENG - BUILDING FEES

Cert of Occ \$
Demo \$
Building \$
Fence \$
Driveway \$
Shed \$
Window(s) \$
Door(s) \$
PrePower \$
Electrical \$
Temp Pole \$
Plumbing \$
Mechanical \$91.50
Gas \$
Roofing \$
Boat Dock \$
Screen Encl \$
Swimming Pool \$
Sign \$

SURCHARGE FEES

Surcharge Fee \$2.00
Surcharge Fee \$2.00

TOTAL FEES \$95.50

Date Paid

CC of Check # MC 1139

Amount Paid

95.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions

Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

BUILDING

1st _____ (Footing/Foundation)

Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____

2nd _____ (Slab)

3rd _____ (Lintel)(Wall Reinforcing on Masonry Building)

4th _____ (Exterior Framing)(Roof/Wall Sheathing)

5th _____ (Framing) (To be made after Plumbing/ Mechanical/ Electrical Rough-Ins & Windows/Doors Installed)

6th _____ (Insulation to be Made After Roof Installed)

7th _____ (Drywall)

8th _____ (Sidewalk/Driveway)

9th _____ (Other)

10th _____ (Final - After MEP and Other Applicable Finals)

ROOFING

1ST ROOFING Deck Nailing/Dry-in/Flashing _____

2nd ROOFING Covering In-Progress _____

3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1st _____ (Underground) 2nd _____ (Sewer)

3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

GAS ___ Natural ___ LP MECHANICAL ELECTRICAL LOW VOLTAGE

1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to BidScheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-Day Inspection requests must be made by 4pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universallengengineering.sharefile.com>
login ID = cobi@universallengengineering.com password = universallengengineering.sharefile.com



City of Belle Isle

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APPLICATION FOR MECHANICAL PERMIT

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 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.

DATE OF APPLICATION: _____ **PERMIT NUMBER** 2016-08-028
PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below:

Project Address Belle Isle FL 32809 32812
Property Owner HELLS MATCHES-H Rcd Phone 407-865-6071
Property Owner's Mailing Address HELLS MATCHES-H Rcd City BELE ISLE
State FL Zip Code 32809 Parcel Id Number: 20-23-09-3400-00-100
To obtain this information, please visit <http://www.ocpefl.org/Searches/ParcelSearch.aspx>

Class of Building: Old New
Type of Work: New Alteration Addition Repair Commercial Other

- **REQUIRED** certified Tie Down Engineering documentation (can be found at www.floridabuilding.org)
- **REQUIRED:** if adding A/C to new space, provide Energy Calculations & Equipment Sizing Calculations
- **REQUIRED:** if replacing unit with no duct work, Duct Certification as per FB 101.4.7.1, must be posted on unit

Please indicate the nature of work by completing the information below:

Air Conditioning: # of Units 1 Tons Per Unit 4 Total Tons _____
Type of System: Water to Air _____ Chiller _____ Split System _____ Heat Pump _____
Heating: # of Units KWS Per Unit 1 Total KWS 20200 BTU's _____
Oil _____ Electric _____ Boiler _____ Gas _____

Fees for items below are based on valuation of all units, equipment, materials and labor supplied by owner or contractor.
Ventilation: (Number of) Grease _____ Heat _____ Hoods, Air Intakes _____ Exhaust Fans _____ Dryer Vents _____
Estimated Cost \$ _____
Estimated Cost \$ _____
(A) Estimated Cost Fee \$ 6150

Refrigeration: Number of units _____ Heat _____ Hoods, Air Intakes _____ Exhaust Fans _____ Dryer Vents _____
Estimated Cost \$ _____
Estimated Cost \$ _____
Estimated Cost \$ _____
Others: (Specify) _____

Was the space previously Air Conditioned? Yes _____ No _____
I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances.

LICENSE HOLDER SIGNATURE _____ LICENSE # CAC0224402
LICENSE HOLDER NAME PARADISE COMPANY COMPANY NAME PARADISE
Street Address 531 CALISO WAY State FL Zip Code 32711 Phone Number 407 333-2665
City SARASOTA Email Address sales@paradiseinc.com

Building Official: Doris Date 8-18-16
Verified Contractor's Licenses & Insurance are on file DN Date 8-18-16 3% Florida Surcharge
Permit Fee \$ 61
Review Fee \$ 30.50
Total Permit Fee \$ 91.50

NOTE: The Building Permit Number is required if the Mechanical Installation is associated with any construction or alteration where a Building Permit has been issued.

548
37
61 ÷ 2
30.50
91.50

7120



This combination qualifies for a Federal Energy Efficiency Tax Credit when placed in service between Feb 17, 2009 and Dec 31, 2016.

Certificate of Product Ratings

AHRI Certified Reference Number: 7563627

Date: 5/24/2016

Product: Split System: Heat Pump with Remote Outdoor Unit-Air-Source

Outdoor Unit Model Number: 4TWR6048H1

Indoor Unit Model Number: TEM6A0D48H41+TDR

Manufacturer: TRANE

Trade/Brand name: TRANE

Series name: XR16

Manufacturer responsible for the rating of this system combination is TRANE

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh):	47000
EER Rating (Cooling):	13.00
SEER Rating (Cooling):	16.00
Heating Capacity(Btuh) @ 47 F:	45500
Region IV HSPF Rating (Heating):	9.00
Heating Capacity(Btuh) @ 17 F:	29200

* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which is available at www.ahridirectory.org.

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CERTIFICATE VERIFICATION
 The information for the model cited on this certificate can be verified at www.ahridirectory.org, click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

©2014 Air-Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.:

131086126829907330

BMP INTERNATIONAL, INC.

MECHANICAL UNIT STEEL TIE-DOWN CLIP: AT GRADE & ROOF-TOP MOUNTED APPLICATIONS



THE FOLLOWING EXAMPLE ILLUSTRATES THE PROCEDURE USED TO DETERMINE THE MAXIMUM ALLOWABLE ROOF-TOP INSTALLATION HEIGHT, "H", FOR ANY GIVEN MECHANICAL UNIT THAT CONFORMS TO THE DIMENSION RESTRICTIONS AND DESIGN CRITERIA LISTED HEREIN, SEE SHEETS 4-5 FOR DESIGN SCHEDULES.)

MECHANICAL UNIT CRITERIA:
 CONSIDER THE INSTALLATION OF (1) MECHANICAL UNIT WITH THE FOLLOWING CRITERIA=

- INSTALLED TO 3000 PSI MIN CONCRETE WITH (1)-2 CLIP AT EACH CORNER OR UNIT (TOTAL OF (4) CLIPS)
- 48" TALL X 48" DEEP X 48" WIDE, 100 LB (WEIGHT AS VARIED BY OTHERS)
- VAIL=170 MPH, EXPOSURE B,

PROCEDURE STEP	RESULT
1 DETERMINE THE CONNECTION TYPE BASED ON THE DIAGRAMS ON SHEET 2	THIS INSTALLATION IS INTENDED FOR A VAIL=170 MPH, EXPOSURE "B", THIS DESIGN CRITERIA CORRESPONDS TO TABLE 5
2 DETERMINE WHICH DESIGN SCHEDULE TABLE TO USE	48"X48"=16FT'
3 DETERMINE LARGEST FACE AREA OF MECHANICAL UNIT TO BE INSTALLED	THIS UNIT HEIGHT OF 48" IS EQUAL TO THE MAXIMUM ALLOWABLE HEIGHT OF 48"
4 CHECK MAXIMUM UNIT HEIGHT RESTRICTION	NOTE: THIS PRODUCT APPROVAL ALLOWS THE UNIT TO BE INSTALLED ON TOP OF AN A/C STAND THAT IS A MAXIMUM 30" TALL, IF AN A/C STAND IS UTILIZED, CHECK TO SEE THAT THE STAND DOES NOT EXCEED 30" IN HEIGHT
5 CHECK MINIMUM UNIT WIDTH RESTRICTION	UNIT WIDTH IS 48" WHICH IS GREATER THAN THE MINIMUM ALLOWABLE WIDTH OF 24" THUS UNIT MAY BE INSTALLED AT ROOF HEIGHT LESS THAN OR EQUAL TO 15 FT. ADDITIONALLY, THIS UNIT MAY BE INSTALLED ON ROOF-TOP HEIGHTS GREATER THAN 60 FT AND LESS THAN 100 FT, SEE (*) ON TABLE 5 FOR THE NUMERICAL VALUES OF THIS DESIGN EXAMPLE.
6 DETERMINE THE ALLOWABLE ROOF-TOP HEIGHT OF THE INSTALLATION	

PROCEDURE:

1. THIS PRODUCT HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE & ASCE 7-10. THIS PRODUCT MAY BE USED WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
3. DESIGN IS BASED ON CLIENT PROVIDED PRODUCT AND DIE SHEETS FROM TEST REPORTS FILE #1972987A, #TEL 6192987B BY TESTING EVALUATION LABORATORIES, INC. NO SUBSTITUTIONS WITHOUT WRITTEN APPROVAL BY THIS ENGINEER SHALL BE PERMITTED.
4. MAXIMUM & MINIMUM DIMENSIONS AND MINIMUM WEIGHT OF MECHANICAL UNIT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
5. FASTENERS TO BE #12 X 3/4" OR GREATER SAE GRADE 5 UNLESS NOTED OTHERWISE. FASTENERS REFERRED TO HEREIN SHALL BE JTW BUILDEX BRAND, CARBON STEEL ONLY, INSTALLED TO 3000 PSI MIN CONCRETE. SEE ANCHOR SCHEDULE FOR ANCHOR REQUIREMENTS. ALL FASTENERS SHALL HAVE APPROPRIATE CORROSION PROTECTION TO PREVENT ELECTROLYSIS.
6. ALL STEEL CLIPS SHALL BE ASTM A283 STEEL (GRADE D) WITH Fy=33 KSI OR BETTER. ALL STEEL MEMBERS SHALL BE PROTECTED AGAINST CORROSION WITH AN APPROVED COAT OF PAINT, ENAMEL OR OTHER APPROVED PROTECTION, 690-RATED COATING REQUIRED FOR ALL COASTAL INSTALLATIONS.
7. ALL CONCRETE SHALL BE STRUCKUAL CONCRETE 4" MIN. THICK AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI, UNLESS NOTED OTHERWISE. MATERIALS TO PREVENT ELECTRICAL GROUNDING.
8. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIPILAR ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS.
9. THE ADEQUACY OF ANY EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS SHALL BE VERIFIED BY THE ON-SITE DESIGN PROFESSIONAL AND IS NOT INCLUDED IN THIS CERTIFICATION EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
10. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONNECTION WITH THIS DOCUMENT.
11. WATER-TIGHTNESS OF EXISTING HOST STRUCTURE SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF STRUCTURE PROPOSED HEREIN. THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
12. FOR AN EXPLANATION OF EXPOSURE CATEGORIES THAT ACCOMPANY THE WIND SPEEDS USED IN THIS APPROVAL, SEE SECTION 26.7.3 OF ASCE 7-10.

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE & ASCE 7-10. THIS PRODUCT MAY BE USED WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
3. DESIGN IS BASED ON CLIENT PROVIDED PRODUCT AND DIE SHEETS FROM TEST REPORTS FILE #1972987A, #TEL 6192987B BY TESTING EVALUATION LABORATORIES, INC. NO SUBSTITUTIONS WITHOUT WRITTEN APPROVAL BY THIS ENGINEER SHALL BE PERMITTED.
4. MAXIMUM & MINIMUM DIMENSIONS AND MINIMUM WEIGHT OF MECHANICAL UNIT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
5. FASTENERS TO BE #12 X 3/4" OR GREATER SAE GRADE 5 UNLESS NOTED OTHERWISE. FASTENERS REFERRED TO HEREIN SHALL BE JTW BUILDEX BRAND, CARBON STEEL ONLY, INSTALLED TO 3000 PSI MIN CONCRETE. SEE ANCHOR SCHEDULE FOR ANCHOR REQUIREMENTS. ALL FASTENERS SHALL HAVE APPROPRIATE CORROSION PROTECTION TO PREVENT ELECTROLYSIS.
6. ALL STEEL CLIPS SHALL BE ASTM A283 STEEL (GRADE D) WITH Fy=33 KSI OR BETTER. ALL STEEL MEMBERS SHALL BE PROTECTED AGAINST CORROSION WITH AN APPROVED COAT OF PAINT, ENAMEL OR OTHER APPROVED PROTECTION, 690-RATED COATING REQUIRED FOR ALL COASTAL INSTALLATIONS.
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9. THE ADEQUACY OF ANY EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS SHALL BE VERIFIED BY THE ON-SITE DESIGN PROFESSIONAL AND IS NOT INCLUDED IN THIS CERTIFICATION EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
10. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONNECTION WITH THIS DOCUMENT.
11. WATER-TIGHTNESS OF EXISTING HOST STRUCTURE SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF STRUCTURE PROPOSED HEREIN. THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR.
12. FOR AN EXPLANATION OF EXPOSURE CATEGORIES THAT ACCOMPANY THE WIND SPEEDS USED IN THIS APPROVAL, SEE SECTION 26.7.3 OF ASCE 7-10.

DESIGN NOTES:

THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH ASCE 7-10 AND THE FLORIDA BUILDING CODE FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE INDICATED IN THE ACCOMPANYING DESIGN SCHEDULES. THE DESIGN CRITERIA USED TO CALCULATE THE ALLOWABLE ROOF-TOP HEIGHTS CONSIDERS ASCE 7-10 SECTION 29.5.1 FOR ROOF-TOP HEIGHTS (H) > 60 FT AND SECTION 29.5 FOR ROOF-TOP HEIGHTS (H) < 60 FT AND SECTION 29.4.1 FOR INSTALLATIONS AT GRADE. $(C_e)_{min} = 1.10$ WITHIN THE HVHZ, $(C_e)_{min} = 1.90$ OUTSIDE THE HVHZ, $(C_e)_{min} = 1.5$ FOR ALL LOCATIONS (CONCURRENT). ALL OTHER DESIGN VARIABLES IN ACCORDANCE WITH ASCE 7-10 CHAPTERS 26 & 29.

FRANK L. BENNARDI, P.E. 101549
 SEAL
 MECHANICAL UNIT STEEL TIE-DOWN CLIPS
 PRODUCT APPROVAL PL# 14239.1

BMP INTERNATIONAL, INC.
 4710 28TH STREET NORTH
 ST. PETERSBURG, FL 33471
 PH: (727) 577-1613

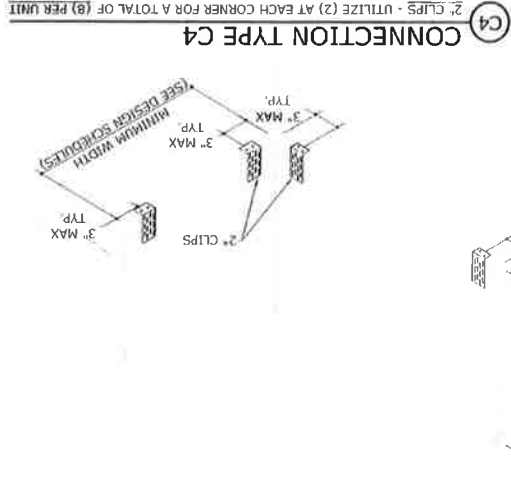
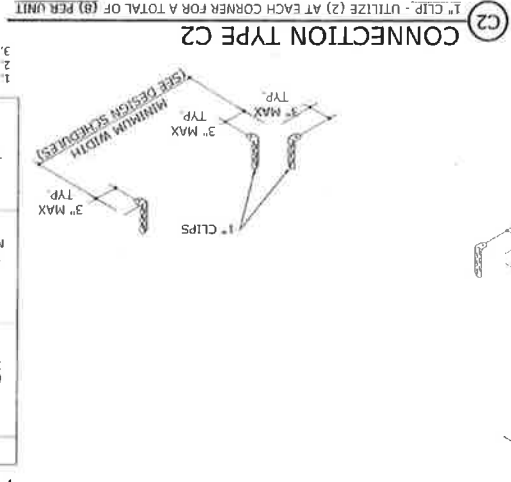
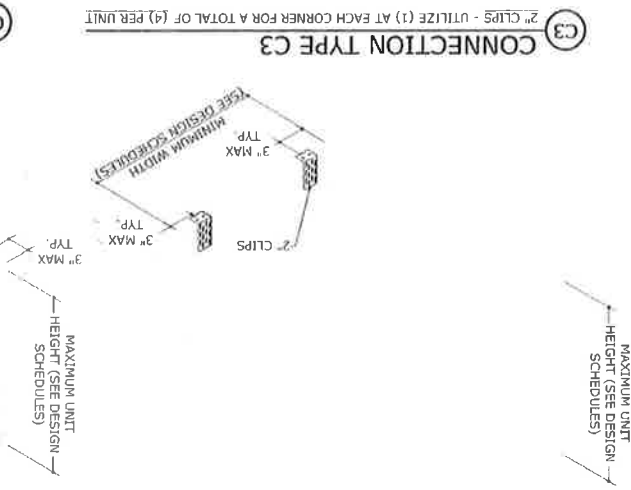
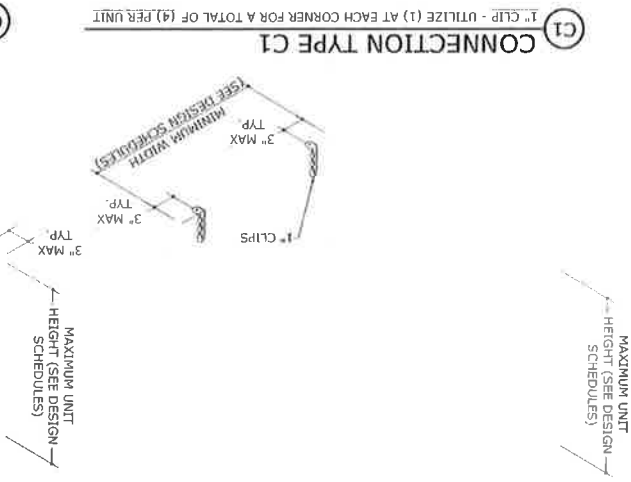
EX ENGINEERING
 160 SW 12th AVE STE 1201
 DEERFIELD BEACH, FL 33442
 PH: (561) 354-0660 FAX: (561) 354-0043
 WWW.EXENGINEERING.COM

APPROVED FOR INSTALLATION

SCALE: 1/2"=1'-0"

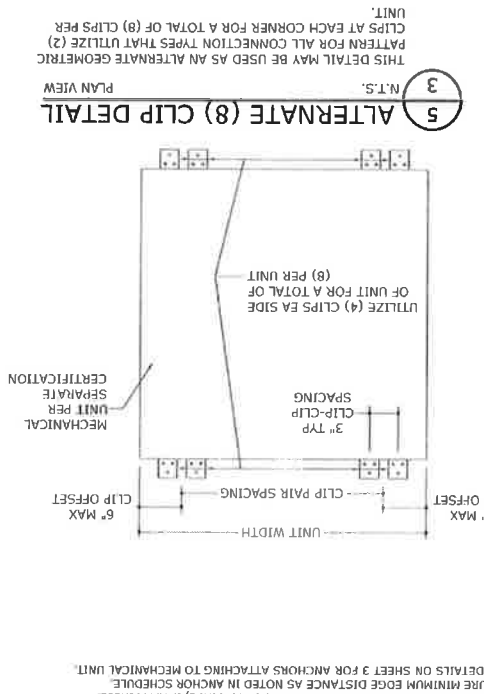
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COMPONENT MANUAL BENNARDI P.E.



ANCHOR SCHEDULE:

SUBSTRATE	DESCRIPTION
STEEL:	(1) 5/16" CARBON STEEL
MIN. ALUMINUM:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO CONCRETE, 3/8" MIN. CONCRETE, 3/8" MIN. EDGE DISTANCE, 3X" MIN. SPACING TO ADJ. 3000 PSI MIN.)
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST
STEEL:	(1) -#14 SAE GRADE 5 SHEET METAL SCREW TO MIN. PAST



THIS DETAIL MAY BE USED AS AN ALTERNATE GEOMETRIC PATTERN FOR ALL CONNECTION TYPES THAT UTILIZE (2) CLIPS AT EACH CORNER FOR A TOTAL OF (8) CLIPS PER UNIT.

2

BMP INTERNATIONAL, INC.
 4710 28TH STREET NORTH
 ST. PETERSBURG, FL 33471
 PH: (727) 572-1613

ENGINEERING EXPRESS
 150 SW 12th Ave, Suite 300
 Deerfield Beach, FL 33442
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 WWW.ENGINEERINGEXPRESS.COM

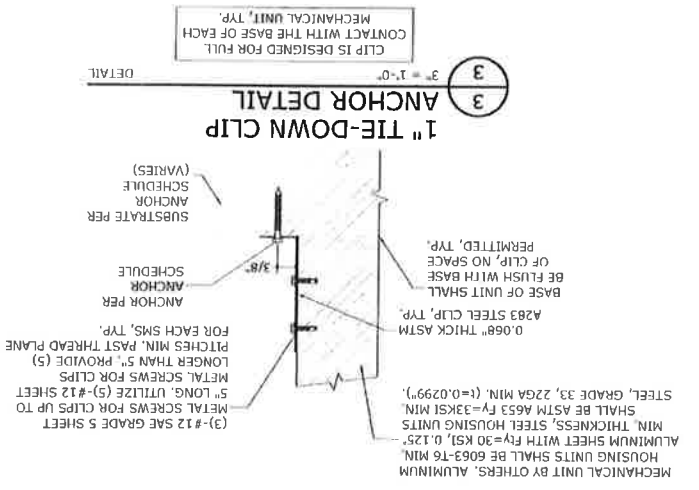
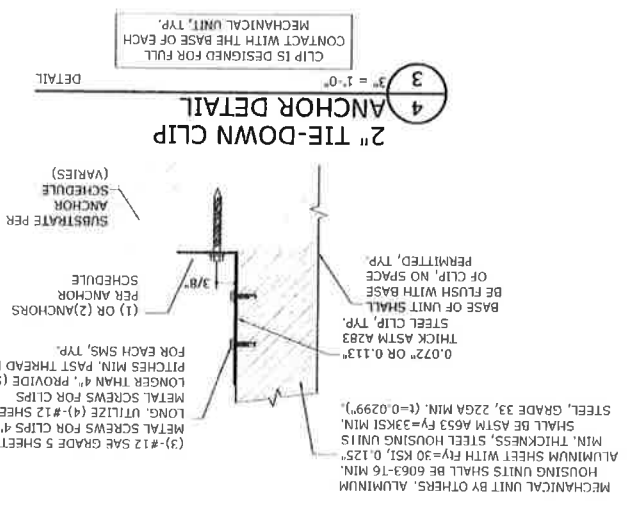
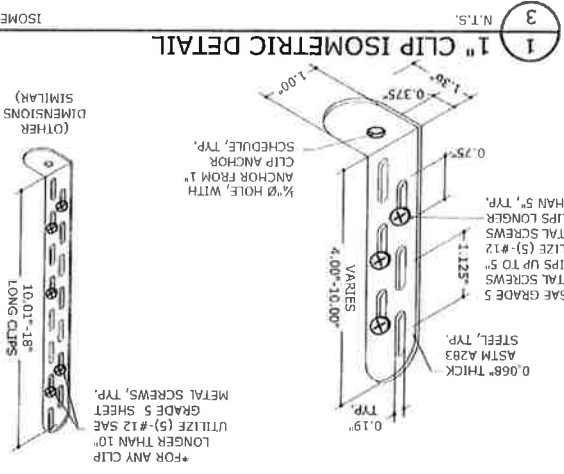
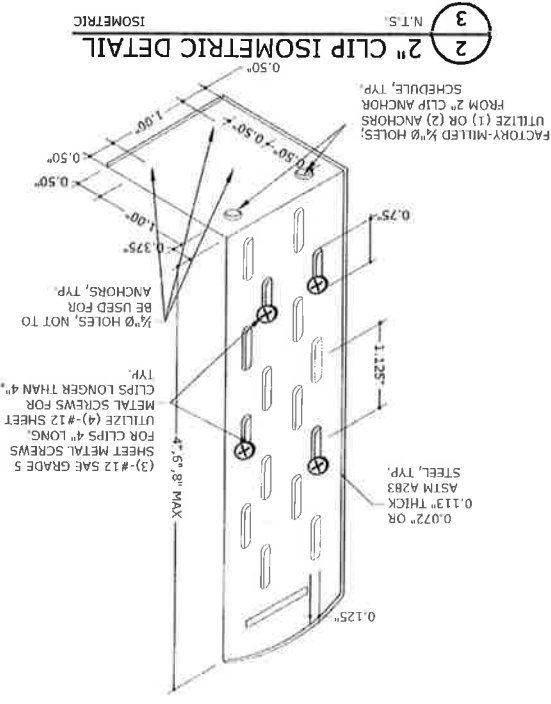
FRANK L. BERNARDI, P.E.
 No. 46549

15-2378
 SCALE: 1/4" = 1'-0"
 PAGE DESCRIPTION:

MECHANICAL UNIT STEEL TIE-DOWN CLIPS
 FBC 5TH EDITION (2014) PRODUCT APPROVAL FL #14239.1

RESUME:

DATE	OWNER	DESCRIPTION
04-20-15	BMP INTERNATIONAL, INC.	MECHANICAL UNIT STEEL TIE-DOWN CLIPS
04-20-15	BMP INTERNATIONAL, INC.	MECHANICAL UNIT STEEL TIE-DOWN CLIPS
04-20-15	BMP INTERNATIONAL, INC.	MECHANICAL UNIT STEEL TIE-DOWN CLIPS



FRANK L. BENNING, P.E.

160 SW 12th Avenue, #3442
 Deerfield Beach, FL 33442
 PH: (954) 364-0660 FAX: (954) 364-0443
 WWW.ENERGEXPRESS.COM

ENGINEERING EXPRESS, INC.

MECHANICAL UNIT STEEL TIE-DOWN CLIPS

BMP INTERNATIONAL, INC.
 4710 28TH STREET NORTH
 ST. PETERSBURG, FL 33771
 PH: (727) 577-1613

FAC 5TH EDITION (2014) PRODUCT APPROVAL F.#14239.1

REMARKS

DATE	ISSUE / CHANGE
02-11-13	REVISED UNIT
02-11-13	REVISED UNIT
04-09-15	REVISED UNIT

SCALE: N.T.S.

15-2378

PAGE DESCRIPTION:

56

04/17/2014 - 2:59pm dwm V:\Projects\11-2011 Air Handler Tiedown Clips - FEA - Update 14229 for 2014 Florida Bldg. Code\11-2011 - Air Handler Tiedown Clips - FEA - Update 14229 for 2014 Florida Bldg. Code.dwg

*AS AN EXAMPLE, THESE TABLES ARE PERMISSIBLE TO BE USED WITHIN
 BREVARD COUNTY, CHECK WITH LOCAL AUTHORITY HAVING JURISDICTION
 FOR THE APPLICABILITY OF THIS TABLE WITHIN CERTAIN FLORIDA COUNTIES.

TABLE 5 : V_{ult}=140 MPH, EXPOSURE B

(FOR USE WITH A RISK CATEGORY II STRUCTURE*)

SURFACE AREA OF UNIT'S LARGEST FACE	UNIT HEIGHT	UNIT WIDTH	24" MAX		15" MAX		48" MAX		C1	C2	C3	C4
			MIN	MAX	MIN	MAX	MIN	MAX				
6 FT ²	12" MAX	24" MAX	H ≤ 15 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	12" MIN	24" MAX	60 FT < H ≤ 120 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	15" MAX	32" MAX	AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
4 FT ²			H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	H ≤ 40 FT		AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	60 FT < H ≤ 200 FT		60 FT < H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	24" MIN	48" MAX	24" MIN	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX
12 FT ²			AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
25 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
30 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	AT GRADE	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT

ALLOWABLE ROOF-TOP HEIGHT (H)
 THE-DOWN CONFIGURATION TYPE

TABLE 7 : V_{ult}=140 MPH, EXPOSURE D

(FOR USE WITH A RISK CATEGORY II STRUCTURE*)

SURFACE AREA OF UNIT'S LARGEST FACE	UNIT HEIGHT	UNIT WIDTH	24" MAX		15" MIN		48" MIN		C1	C2	C3	C4
			MIN	MAX	MIN	MAX	MIN	MAX				
6 FT ²	12" MIN	24" MAX	H ≤ 15 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	12" MAX	24" MAX	60 FT < H ≤ 120 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	15" MAX	32" MAX	AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
4 FT ²			H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	H ≤ 40 FT		AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	60 FT < H ≤ 200 FT		60 FT < H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	24" MIN	48" MAX	24" MIN	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX
12 FT ²			AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
25 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
30 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	AT GRADE	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT

ALLOWABLE ROOF-TOP HEIGHT (H)
 THE-DOWN CONFIGURATION TYPE

TABLE 6 : V_{ult}=140 MPH, EXPOSURE C

(FOR USE WITH A RISK CATEGORY II STRUCTURE*)

SURFACE AREA OF UNIT'S LARGEST FACE	UNIT HEIGHT	UNIT WIDTH	24" MAX		15" MIN		48" MIN		C1	C2	C3	C4
			MIN	MAX	MIN	MAX	MIN	MAX				
6 FT ²	12" MIN	24" MAX	H ≤ 15 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	12" MAX	24" MAX	60 FT < H ≤ 120 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	15" MAX	32" MAX	AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
4 FT ²			H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	H ≤ 40 FT		AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
6 FT ²	60 FT < H ≤ 200 FT		60 FT < H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
9 FT ²	24" MIN	48" MAX	24" MIN	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX	48" MAX
12 FT ²			AT GRADE	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
16 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
20 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
25 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
30 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT	H ≤ 200 FT
36 FT ²			N/A	AT GRADE	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT	60 FT < H ≤ 80 FT

ALLOWABLE ROOF-TOP HEIGHT (H)
 THE-DOWN CONFIGURATION TYPE

MECHANICAL UNIT STEEL THE-DOWN CLIPS

BMP INTERNATIONAL, INC.

4710 28TH STREET NORTH
ST. PETERSBURG, FL 33471
PH: (727) 577-1613

FBC 5TH EDITION (2014) PRODUCT APPROVAL F1414239.1

ENGINEERING EXPERTS

160 SW 12th Ave, Suite 500
DORSET FIELD BLVD, #2040
PH: (954) 354-0680 FAX: (954) 354-0443
WWW.ENGINEERINGEXPERTS.COM

A FRANK L. BERNARDI, P.E., INC.

REVISIONS

DATE	DESCRIPTION	BY	CHKD
12-11-11	ISSUE FOR PERMITS	TSJ	FLB
02-15-13	REVISED PER STA. DIMS.	TSJ	TSB
04-06-15	REVISED PER STA. DIMS.	TSJ	TSB

SCALE: 1/8" = 1'-0"

15-2378

PAGE DESCRIPTION:



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**DELLO RUSSO, ROBERT G
DEL-AIR HEATING A/C & REFR INC
531 CODISCO WAY
SANFORD FL 32771**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**



LICENSE NUMBER	CAC032448
----------------	-----------

The CLASS B AIR CONDITIONING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2016

**DELLO RUSSO, ROBERT G
DEL-AIR HEATING A/C & REFR INC
531 CODISCO WAY
SANFORD FL 32771**



ISSUED: 07/15/2014

DISPLAY AS REQUIRED BY LAW

SEQ # L1407150000765



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
5/23/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Stahl & Associates Insurance, Inc. 250 International Parkway Suite 128 Lake Mary FL 32746	CONTACT NAME: Karen Hall PHONE (A/C No. Ext): (407) 833-8998 FAX (A/C No.): (407) 833-3909 E-MAIL ADDRESS: karen.hall@stahlinsurance.com
INSURED Del-Air Heating, A/C & Refrigeration, Inc. Del-Air Appliance Centers, LLC 531 Codisco Way Sanford FL 32771	INSURER(S) AFFORDING COVERAGE INSURER A: National Trust Insurance Co. 20141 INSURER B: FCCI Insurance Co. 10178 INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER: CL16S2331944** REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADD'L SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Blanket Add'l Insured's <input checked="" type="checkbox"/> GL Extension Endorsement GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO. <input type="checkbox"/> LOC		GL0016798	6/1/2016	6/1/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Per occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPT/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS <input checked="" type="checkbox"/> UMBRELLA LIAB EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$ -0-		10000229401	6/1/2016	6/1/2017	COMBINED SINGLE LIMIT (Ea. accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist combined \$ EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		EM0019058	6/1/2016	6/1/2017	WC STATUS: <input checked="" type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000 Leased/Rented Equipment: \$ 50,000
B	Contractors Equipment		CM0008203	6/1/2016	6/1/2017	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

(407) 581-0313 smanchester@universalengin
City of Belle Isle
1600 Nela Avenue
Belle Isle, FL 32809

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Robert Bowles/DOOLEY

ACORD 25 (2010/05)

INS025 / 201005A.01

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SEMINOLE COUNTY BUSINESS TAX RECEIPT

RAY VALDES, SEMINOLE COUNTY TAX COLLECTOR

PO Box 630 • Sanford, FL 32772-0630 • Telephone: 407-665-1000
www.seminoletax.org

VALID THROUGH 09/30/16

**DEL AIR HEATING AC REFRIGERANT INC
531 CODISCO WAY
SANFORD, FL 32771**

Account #: 017508

ROBERT G DELLO RUSSO (PRES)

**REGULATED
License # - CA C032448
Qualifier- DELLO RUSSO ROBERT G
SANFORD CITY LICENSE REQUIRED **

Receipt #: WEB#2015072911327

Amount Paid: \$ 45.00

Date Paid: 07/29/2015

BUSINESS OWNER, PLEASE NOTE THE FOLLOWING:

- **DISPLAY THE ABOVE RECEIPT PROMINENTLY:** This Business Tax Receipt shall be displayed conspicuously at the place of business in such a manner that it can be open to the view of the public and subject to inspection by all duly authorized officers of the County. Upon failure to do so, the business shall be subject to the payment of another business tax for the same business or profession.
 - **RENEW THIS TAX BEFORE IT EXPIRES:** Pursuant to Florida Statutes, all Business Tax Receipts shall be issued by the Tax Collector beginning July 1st of each year, and it shall expire on September 30th of the succeeding year. Those Business Tax Receipts issued as renewal accounts beginning October 1st shall be delinquent and subject to a delinquency penalty of 10% for the month of October, plus an additional 5% penalty for each month of delinquency thereafter until paid, provided that the total penalty shall not exceed 25% of the business tax for the delinquent establishment (Florida Statute [FS] 205.053[1]).
- A 25% penalty shall be imposed on any individual engaged in any new business or profession without first obtaining a Seminole County Business Tax Receipt. (FS 205.053 [2])
- This Business Tax Receipt is only a receipt for business taxes paid. It does not permit the taxpayer to violate any existing regulatory or zoning laws of the state, county, or municipality, nor does it exempt the taxpayer from any other required licenses, registrations, certifications, or permits. Business Tax requirements are subject to legislative change.
- **REPORT ALL CHANGES:** The holder of this Business Tax Receipt is required to report a change in the following: Ownership, Business Location, Mailing Address, or any other information that would alter the status of the current year's taxes. This includes, but is not limited to, the loss of or a change in a State License which was used to qualify for the business activity and/or occupation identified on the current County Business Tax Receipt. If you have any changes to report, contact the Business Tax Department at 407-665-7636.

**DEL AIR HEATING AC REFRIGERANT INC
531 CODISCO WAY
SANFORD, FL 32771**

County Services Building 1101 B First Street Sanford, FL 32771	Cassiberry Office 104 Wilshire Blvd. Unit 1000 Casselberry, FL 32707	Oak Groves Shoppes 995 N SR 434 Suite 505 Altamonte Springs, FL 32711	ShellMar Profl Building 1190 Swanson Dr #100 Orlando, FL 32735	Commons at Primory 845 Palmers Road Lake Mary, FL 32746
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Searches

Sales Search

Results

Property Record Card

My Favorites

Sign up for e-Notify

6115 Matchett Rd < 24-23-29-3400-00-168 >

Map Data

Glass Cecil R

Equity Builders, Inc. File

6115 Matchett Rd

Belle Isle, FL 32809-5145

Incorrect Mapping Address?

Physical Street Address

6115 Matchett Rd

Block/Range, Lot/Block

Orlando, FL 32809

Property Use

0130 - Sfr - Lake Front

Municipality

Belle Isle



Values, Exemptions and Taxes

Property Features

Sales Analysis

Location Info

Market Stats

Update Information

View Plat

Property Description

SUB OF HARNEY HOMESTEAD C/53 THE N 105 FT OF S 535 FT LOT 16 LYING E OF MATCHETT RD & LAND ON E TO LAKE

Total Land Area 82,075 sqft (+/-) | 1.88 acres (+/-) GIS Calculated Notice

Land (includes working values)

Land Use Code	Zoning	Land Units	Unit Price	Land Value	Class Unit Price	Class Value
0130 - Sfr - Lake Front	R-1-AA	1 LOT(S)	\$380,000.00	\$380,000	\$0.00	\$380,000

Page 1 of 1 (1 total records)

Buildings (includes working values)

Important Information		Structure	
	Model Code: 01 - Single Fam Residence	Actual Year Built: 1953	Gross Area: 5196 sqft
	Type Code: 0103 - Single Fam Class III	Beds: 4	Living Area: 3028 sqft
	Building Value: \$335,993	Baths: 3.0	Exterior Wall: Concrete Block Stucco
	Estimated New Cost: \$425,308	Floors: 1	Interior Wall: Plastered

Page 1 of 1 (1 total records)

Extra Features (includes working values)

Description	Date Built	Units	XFOB Value
FPL3 - Good Fireplace	01/01/1977	1 Unit(s)	\$5,000
BC3 - Boat Cover 3	12/20/2007	1 Unit(s)	\$5,000
BD3 - Boat Dock 3	12/20/2007	1 Unit(s)	\$10,000
FPL3 - Good Fireplace	12/20/2007	1 Unit(s)	\$5,000
WLDC - Wall Dec	12/20/2008	57 Unit(s)	\$1,140
SKIT - Summer Kitchen 1	12/20/2008	2 Unit(s)	\$6,000

Page 1 of 1 (6 total records)