

17.5-42230

Received  
9.11.17

## HARNETT COUNTY NEW CHILD CARE CENTER PLAN REVIEW APPLICATION

\* The application will be reviewed using 15A NCAC 18A .2800 "Rules Governing the Sanitation of Child Care Facilities."

Plans must be submitted and approved prior to construction, Submit plans to the Harnett County Central Permitting Office located at 108 East Front St., Lillington, NC 27546 or by mail at PO Box 65, Lillington, NC 27546. You may contact the Central Permitting Office at 910-893-7525, Ext. 2. If you have questions regarding this application, contact one of the following Environmental Health Specialists below at 910-893-7547.

Gale Violette Greene, REHS  
Food and Lodging Program Specialist

Jamie Turlington, REHS  
Environmental Health Specialist

Cindy Pierce, REHS  
Environmental Health Specialist

\_\_\_\_\_ Plans must include drawings showing placement of equipment in the facility, including storage, food service areas, diaper changing areas, can wash facilities, along with general plumbing, electrical, mechanical, and lighting plans. You must also submit equipment and finish schedules.

\_\_\_\_\_ Each child care classroom should be identified by age group(s) that will be using the room.

\_\_\_\_\_ Plans must have a proposed menu provided listing the foods to be served at the child care center

\_\_\_\_\_ Plans must include a site plan locating exterior equipment such as dumpsters or compactors and indicating the proposed connections to approved sewer and water.

NAME OF CHILD CARE CENTER: Johnston Lee Harnett Community Action  
Lillington Head Start/Early Head Start

CHILD CARE CENTER'S ADDRESS: 747 Shawtown Rd Lillington

PHONE: 919-934-2145 x 118 FAX: 919-934-6231

APPLICANT'S NAME: Elaine Langdon

MAILING ADDRESS: P.O. Drawer 711 Smithfield NC 27577

PHONE: 919-934-2145 x 118 EMAIL: elainelangdon@yahoo.com

DIRECTOR: Interim Elaine Langdon

NUMBER OF CHILDREN FOR WHICH FACILITY WILL BE LICENSED: 173

### Main Food Service

Meals prepared on site or catered meals? (With catered meals you are still required to have the minimum requirements in the kitchen) Prepared on site

Where will the children eat meals? (Family style, tables in classrooms, dining area, etc...) tables in classrooms

Will multi-use utensils, silverware, sippy cups, etc... be used or disposable utensils? Disposable

Can the kitchen door be locked? Is there a barrier to keep children out of the kitchen? Kitchen is located in a separate unit.

Please list all equipment to be used in the kitchen and include specification sheets: Range elec 24", Range hood, hand wash sink, 3 compartment + 2 compartment sink, Warmer, 2 freezers, milk cooler, refrigerator work surfaces

Do you have a thermometer available to monitor food temperatures? yes Do you have thermometers in the refrigerators? yes

Will leftovers be served? No Will meals be prepared 12 or more hours in advance? No

### Infant Food Service

Will bottles be stored, prepared, warmed, served, etc... in the infant room or in the kitchen? No infants will be served at this site

Describe your procedures for handling breast milk: Ages 2-5 will be served at site - no infants

Does the infant room have countertop space for warming bottles? NA

What method will be used to warm bottles? NA

Is there a refrigerator for bottle storage? NA Is there a thermometer? NA

Is there a separate sink used exclusively for bottle/food preparation? NA

### Diaper Changing

Are diaper changing stations in each age appropriate room? yes

Where will diaper changing supplies be kept? Storage unit near station

Is there a dirty diaper receptacle with a lid? yes

Can the caregiver view the children while changing diapers? yes

Where and how will soapy water, sanitizers and disinfectants be stored?

each classroom on shelf or hanging 5 ft high.

Is there a separate hand wash lavatory used exclusively for diaper changing hand washing?

yes.

Are diaper changing signs provided? yes

### Cubbies and Storage

How and where will cubbies be arranged? Each child will have a cubby located within the classroom

Are coat hooks spaced at least 12" apart? yes

Is all storage in all closets stored off floor (recommend 12") to facilitate cleaning? yes

Will toothbrushes be used at the center? yes Will they be labeled? yes

### Beds, Cots, Mats, Cribs, and Linens

Will cribs have the capability of being spaced 18" apart while in use? (if not, crib dividers and partitions are acceptable) NA

How and where will cots and/or mats be stored? Within each classroom

Where will crib, cot, and mat sheets be stored? in cubbies

Where is there a designated sick area with cot/mat? Family Services Office

Is linen being provided by the center or the parents? Both

How often will infant sheets be changed? NA

How often will sheets be laundered? weekly

### Cleaning, Sanitizing and Disinfecting

Is all furniture in the center of a smooth, washable finish? yes

How will toys in infant and toddler rooms be washed and sanitized? Where? How often?

if mouthed removed from play - cloth toys washed by machine, submerged or spray toys air dry daily or more if visibly dirty

Please explain what type of sanitizer will be used to sanitize toys, food areas, furniture, etc.:

Bleach 1 tbsp with gallon water

Please explain what type of disinfectant will be used to sanitize toilets, lavatories and diaper changing tables: 1/4 cup with gallon water

Do you have appropriate test strips for the types of sanitizer and disinfectant you are using?

yes

Where is the can wash facility for cleaning trash cans, dumping mop water, etc...?

not on the plan

Will water play centers be used? yes

### Hand wash lavatories

Does each toilet area have a hand wash lavatory? yes

Does the diaper changing station have a hand wash lavatory exclusively for diaper changing?  
lavatory not in station but near

Does the food service area in the infant and toddler room have a lavatory exclusively for food service? yes

Does the kitchen have a hand sink that is separate from the 2 or 3 compartment sink for hand washing only? yes

What types of faucets are at all hand wash lavatories (please note that metering type is not allowed unless they can retain warm water for at least 20 seconds at the first pressing):

Are handwashing signs provided? yes

### Locked Items

Please indicate **where** the following type of locked items will be stored and **what type** of lock:

Medicines (both refrigerated and non refrigerated)  
in locked box 5ft high or in locked box in refrigerator

Cleaning supplies and all types of chemicals  
Storage closet - locked

Personal belongings (purses, keys, employee items)  
locked cabinet

Aerosols and all other toxic products  
Storage closet - locked

### Mildly Ill Children

Will you be licensed to care for mildly ill children pursuant to 10A NCAC 09 .2400? NO  
Please include your protocols for this type of care.

## Hot Water Supply

The kitchen hot water temperature will need to be a minimum of 120 degrees Fahrenheit. All other sinks that are accessible to children and the can wash facility must be maintained between 80-110°Fahrenheit. Using two separate water heaters may be the best option since it is often difficult to obtain two separate temperatures with one water heater. Mixing valves installed on sinks have a high failure rate and are not very dependable.

Explain what the specifications of your water heater(s) are. (For example, if you are using two water heaters, indicate which one is for the kitchen and which one if for the classrooms). It is recommended that the minimum water heater size be 50 gallons.

Tank Manufacturer and Model # \_\_\_\_\_?  
 Storage tank size 30 Gal. GPH recovery \_\_\_\_\_ Additional tank size \_\_\_\_\_

## Lighting

Do all light fixtures have shatterproof or shielded bulbs? yes

Will lighting illuminate 50 ft. candles at all work areas? yes  
 and 10 ft. candles at all other areas, including storage closets? yes

## Finishes

Please describe the finishes/construction material in the following areas:

	Floors	Walls	Baseboards	Ceilings
Kitchen	Vinyl	Vinyl Covered	4" Vinyl	T-Grid
Bathrooms	Block tile	Gypsum	Base Cover	
Infant Room	N/A			
Toddler Room	Block tile			
Other Rooms	Block tile			
Staff Room/Office				
Storeroom				
Other	Offices carpet			

\*Wall to wall carpets must be cleaned at least every six months

**Animals**

What type of animals will be on the premises? possible fish tank

**Outside premises**

Please describe the playground area (size, type of play equipment, type of fence, water activities, etc...) 6 ft chain link - no stationary equipment at this time -

Is there chromated copper arsenate (CCA) pressure-treated wood in the play ground area? no

What methods will you use to make this inaccessible to the children? NA

Is the can wash facility located outside? not on plan

If yes, is there a fence and lock around it so it is not accessible to children? \_\_\_\_\_

Is the HVAC, mechanical equipment, etc... locked with a fence around it so it is not accessible to children? will be

**HARNETT COUNTY WATER SUPPLY AND WASTEWATER SYSTEM**  
**APPLICATION**

*No application will be processed if this form is not completely filled out.*

**Water Supply:**

Type of water supply: (check one)

- Non-public
- Community/Municipal
- Non-transient, non-community
- Transient, non-community

Is an annual water sample required of your establishment? (check one)

- Yes
- No

**Wastewater System:**

Type of wastewater system: (check one)

- Public sewer
- On-site septic system

Number of children: 173

Number of employees: 40

# Commercial Kitchen Ventilation

And Safety LLC  
 8761 Fayetteville Hwy  
 Godwin NC 28344  
 (910) 567-2017 Office  
 ckvands@yahoo.com

# Invoice

**Invoice No:** 1706  
**Date:** 7/24/2017  
**Terms:** NET 7  
**Due Date:** 7/31/2017

**Bill To:** Johnston Lee Harnett Headstart  
 glennaverywx@gmail.com

**Ship To**

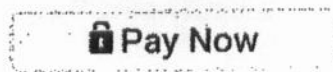
**Tracking No**  
**Ship Via**  
**FOB**

Description	Quantity	Rate	Amount
8' Concession Type Hood. 6" tall front, 32" deep, end quarter panels, fire insulation for reduced clearances from combustibles.	1	\$2,089.92	\$2,089.92
DU85HFA Direct Drive Exhaust Fan 3/4 HP, 120volt 1 PH Hinged wall mount curb with hinges	1	\$1,078.45	\$1,078.45
DMUA14FA Economy Make Up Air 120volt, 1PH Wall Mount Curb and Register	1	\$725.00	\$725.00
Electrical Control Panel	1	\$945.00	\$945.00
ProTec Fire System	1	\$1,750.00	\$1,750.00
Install	1	\$3,500.00	\$3,500.00
<b>Parts Subtotal</b>			<b>\$10,088.37</b>

Subtotal	\$10,088.37
TAX 7%	\$706.18
Shipping	\$0.00
Total	\$10,794.55
PAID	\$0.00

### Payment Details

<documentnumberformatxml><inv>437</inv><est>197</est><po></po><crn></crn></documentnumberformatxml>



Invoice2go

**Balance Due** **\$10,794.55**

### Notes

All property and/or parts remain Property of CKV&S until all checks have cleared or transactions have posted.  
 We reserve the right to reclaim property which has not been paid for.  
 We make no electrical or gas connections.



# Central<sup>®</sup>

## RESTAURANT PRODUCTS

7750 Georgetown Rd • Indianapolis, IN 46268  
 Phone 800-222-5107 • Fax 800-882-0086

# Quotation

Quotation# 11529290  
 Date 08/29/17  
 Customer# 636650  
 Page 1 of 1

Glenn Avery

Ship To:  
 Glenn Avery

Remit Payment To: PO Box 78070 Indianapolis, IN 46278-0070

Quote Date	Quote Expires	Payment Terms	Customer PO	Contact	
08/29/17	09/05/17	TO BE DETERMINED		Glenn Avery	
Product Consultant	Ship Via	Freight Terms			
John Cordill ext 8356	FEDEX GRD 3RD PTY #127540322	FOB ORIGIN/PREPAID AND ADD			
Item	Product/Description	Quantity	Price	U/M	Extension
1	515-586-240V RANGE,ELEC,24",4FRNCH PLATE SINGLE DECK, 240V  VOLTAGE 240V	1	5000.00	EA	5000.00
2	515-LG1 LIFTGATE FOR VULCAN PRODUCTS  ** Building Relationships...One Order at a Time! **	1	200.00	EA	200.00

**LEASE TO OWN** for as low\* as  
**\$127.40 per month!**

\*Above rate is based on a 60-Month lease, for businesses in existence 2+ years. The above amount does not include sales tax or documentation fees. For more detailed information, please visit our website at [www.centralrestaurant.com/leasing](http://www.centralrestaurant.com/leasing). Lease to own rates are subject to change and credit approval. Lease option applies to qualifying credit and equipment only.

Merchandise	Handling	Misc. Charge	Tax	Freight	Quote Total
5,200.00	0.00	0.00	0.00	0.00	5,200.00

Accepted By (Printed): \_\_\_\_\_ Signature \_\_\_\_\_ Date: \_\_\_\_\_

By signing above you are agreeing all product and totals are accurate. If purchase is to be made via credit card, signature by cardholder is required indicating authorization to charge card and process order. All prices above are in US dollars. All payments to Central are required to be made in US dollars. \*\*\*\* Upon Receipt of your Merchandise \*\*\*\* Please inspect your delivery carefully. In the unfortunate event that something is damaged or has to be returned, please call your product consultant. Please save all shipping cartons and packaging. Claims must be reported within 15 days of receiving your delivery. All returns are subject to inspection before a credit is issued and may be assessed a restocking charge. Please return defective items promptly to avoid being charged for the replacement item. Custom manufactured, special orders and used items are not returnable.  
 \*\*\* Central is OPEN until 8:00 pm (Eastern Time) \*\*\*



**Diamond Builders, Inc.**

440 Thompson Drive

P.O. Box 2200

Douglas, GA 31535

Phone:(912) 384-7080 Fax: (912) 384-5721

**CUSTOMER QUOTE**

6/23/2017

**Serial #:** Plant: 01 Diamond Builders, Inc.  
**Order #: 4109** Dealer: Vanguard Modular Building Systems - Raleigh (VAN)  
**Prod #:** Knightdale, NC  
**Mfg Date: 00/00/00** Sales Rep: Spivey, Wesley  
**Ship Via:** Retail Customer: Jim Crosby  
**Occupancy: 140x64**

Model Year:

Perimeter: 408.00

Sq Feet: 8,960.00

Qty Description

Color/Location

**Unit/Model Description**

1.00 Please Note:  
((( 10 Classroom W/10 Handicap Restrooms )))

1.00 Please Note:  
((( Please install all the labels above t-grid ceiling tile in the center of the room on hitch end of each floor on a pcs of flat metal ))) ((( SECURED TO THE END WALL RIGHT ABOVE T-GRID CEILING TILES )))

8960.00 Complex (With Interior Walls)

1.00 Description of Unit  
(((Nominal 140x64 (10) 13'8"x64'0" Modules)))

1.00 Destination:  
((( When no destination is provided Diamond Builders will specify Vanguards Raleigh NC office address )))

1.00 Plans to Include Pier Spacing for 2500 & 3000 PSF  
Factory Standard-Foundation though not site specific will include tie down chart for 100mph,120mph,130mph,and 140mph /Foundation page to be detailed specific for each wind zone appropriate as well as anchoring spacing and requirements )))

1.00 Pier Base Foundation Detail w/ Cap Block Configura  
((( All engineer and third party approved drawings must be scanned into PDF format and forward and forward via to Barbara Bieganski @ bbieganski@vanguardmodular.com )))

1.00 Pier Base Foundation Detail w/ Cap Block Configura  
((( Prints must include an alternate pier design for ABS pads please note that pier design with ABS pads will be noted for temporary use. In areas where ABS pads are not accepted by the state these piers will be shown on a separate sheet that will not be stamped by the 3rd party agency )))

**CODES**

- 1.00 IBC Coded
- 1.00 Educational Occupancy
- 1.00 State Labels:  
AL,FL,GA,LA,MS,NC,TX,VA,SC,TN
- 1.00 140 MPH Wind Load
- 1.00 Ground Snow Load 20 PSF

Customer Initials: \_\_\_\_\_

Qty	Description	Color/Location
<b><u>CODES</u></b>		
1.00	Approximate Shipping Height 14'4" Tall	
<b><u>FRAMES</u></b>		
10.00	Detachable Hitch	
20.00	12 in I-Beam	
10.00	Outrigger Frame	
10.00	95 1/2" I-Beam Spacing	
10.00	Underslung Axles ((( As Required )))	
10.00	Select Tires	
10.00	Tie Down Clips	
<b><u>FLOORS</u></b>		
2.00	Recessed Entry ((( Entry will be tapered 1/4" per foot to the sidewall with a rubber water proof pan through out entry with a cascade grey stone indoor outdoor carpet installed over entire entry )))	
8960.00	Woven Nylon Impregnated Bottom Board	
640.00	2x8 Floor Joists 16" O.C.	
640.00	Double Rim Joist 2x8 ((( Around Full Perimeter Of Each Floor )))	
8960.00	Decking 3/4" Sturdifloor Plywood	
10.00	Hold Decking Back 5" on Each Side the Mate-Line	
490.00	Comm. Vinyl Floor Cover (Corlon) W/ Welded Seams ((( Restrooms Only )))	
8470.00	VCT 1/8" Block Tile (12"x12")	
1.00	No Carpet Bar Included	
<b><u>WALLS &amp; PARTITIONS</u></b>		
982.00	Wall Height 8'-6"	
632.00	Double Top Plate	
574.00	2" x 4" Interior Walls (Studs 16" O.C.)	
224.00	Double Mateline Walls	
408.00	2" x 6" Exterior Walls (Studs 16" O.C.)	
140.00	1-Hr Rated Corridor 5/8" Gyp Assembly	
1556.00	Standard Trim	
1556.00	5/8" Vinyl Covered Gypsum (Type X / Fire Rated)	

Customer Initials: \_\_\_\_\_

Qty	Description	Color/Location
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**WALLS & PARTITIONS**

- 280.00 FRP (Textured) Wall Covering (8 ft. Walls)  
((( Restrooms Only )))
- 1556.00 4" Vinyl Base Cove (Continuous Roll)

**INTERIOR DOORS**

- 10.00 36" x 80" Dutch Door (Solid Core)  
((( Installed In Each Classroom Kiddie Restrooms )))
- 12.00 36" x 80" -20 Min. Imp. Oak/Self Close Hinge
- 1.00 36" x 80" 45 Min./Imp. Oak Self Close Hinge
- 10.00 Interior Lever - Privacy
- 21.00 Floor Mounted Door Stops
- 10.00 Grade 2 - Tell Interior Lever Hardware  
((( Keyed Levers Classroom Function )))
- 10.00 4" x 24" VP (Wire Glass) Int. Door  
((( Installed In Each Classroom Door )))

**ROOF**

- 408.00 Truss Type - Transverse  
((( Bottomless Chord )))
- 128.00 2" - Overhang at the Sides
- 280.00 6" - Overhang at the Ends
- 640.00 Truss Spacing - 24" O.C.
- 8960.00 Roof Sheathing: FR 7/16" OSB Decking
- 8960.00 Roof Covering: 45 Mil. Black Rubber
- 576.00 9" Black Peel & Stick Mate-Line Tape
- 10.00 Hurricane Straps (Side Only)
- 10.00 Attic Ventilation as Required
- 560.00 3 - Layer - 24" x 3/4" Struct 1 Ridgebeam  
Drop Ridgebeam Down To Terminate At T-Grid Drill (2) 2" Holes @  
End Of Each Ridgebeam (For Data Crossovers)

**CEILING**

- 1.00 Finished Ceiling Height 7'-11" AFF- (T-Grid)
- 1.00 Finished Ceiling Height in Fire Rated Corridors
- 1.00 Will be Approx. 5" Lower than Other Areas
- 8960.00 T-Grid  
Installed 100% At Factory

**PLUMBING**

- 11.00 Single Restroom, Handicap Accessible
- 1.00 Supply Lines - CPVC

Customer Initials: \_\_\_\_\_

Qty	Description	Color/Location
<b><u>PLUMBING</u></b>		
1.00	Waste Pipe - PVC (Stub out only - below Fixture)	
11.00	Lavatory, Wall Mount W/ Mirror	
11.00	Mirror- Standard ((( Installed In Restrooms Only )))	
11.00	Mirror- W/ Stainless Steel Frame	
31.00	Vinyl - Anti-Scald Cover for Trap & Supply	
1.00	Handicap Toilet (Tank Type)- With Grab Bars ((( Staff Restroom )))	
11.00	Toilet Tissue Holder - Standard	
10.00	Toilet - Kiddie Type	
1.00	30 - Gallon Water Heater	
1.00	Hi-Lo Water Cooler (Factory Std.)	
20.00	Service Sink (Wall Mounted) ((( Install (2) In Each Classroom )))	
<b><u>ELECTRICAL</u></b>		
10.00	125 Amp Single Phase Exterior Panel Box Nema 3	
128.00	2-32 Flour. Lights T-Grid W/ T-8 Bulbs	
20.00	Occupancy Sensor (Wall) W/Switch Ceiling Mounted	
4.00	Porch Lights - Photo Cell	
2.00	Emergency Light	
2.00	Emergency/ Exit Light W/ Remote Head Dual Remote Heads	
20.00	2x4 Blank J-Box W/ 3/4 EMT Stub @ 16" AFF	
12.00	J-Boxes for Alarms @ Exterior Doors	
1.00	Fire Alarm Control Panel To Be By Others	
10.00	Bathroom Vent / Light Combo	
1.00	Romex Wiring Per Code (Std)	
8960.00	MC Cable Above Ceiling Only (T-Grid)	
1.00	Receptacles Per Print	
10.00	Receptacles - GFI Protected	
6.00	Receptacles - Exterior GFI Protected	
1.00	Heat Tape Receptacle - GFI	

Customer Initials: \_\_\_\_\_

Qty	Description	Color/Location
<b><u>HVAC</u></b>		
1.00	HVAC On Opposite Ends (For Individual Room Control	
140.00	Plenum Wall	
10.00	3.5 Ton HVAC (Wall Mounted)	
10.00	15 KW Heat Strip	
10.00	CRV Installed Installed On Classroom HVAC Only	
10.00	Programmable T-Stat	
600.00	Fiberglass Supply Duct	
580.00	Fiberglass Return Duct	
50.00	T-Grid Diffuser (Adjustable) ((( With Butterfly Dampers )))	
20.00	T-Grid Diffusers (Non Adjustable)	
<b><u>CABINETS</u></b>		
45.00	Oak Base Lam. Cab.(Lowe's) W/ Roll Top ((( Install 54" Base cabinet In Each Kiddie Restrooms (10) Total )))	
10.00	Single Bowl Stainless Steel "Bar Sink" & Faucet ((( Installed In Kiddie Restrooms Only )))	
<b><u>EXTERIOR</u></b>		
408.00	Hi-Rib Steel 26 Gauge (OSB 4 Sides)	
408.00	Moisture Resist House Wrap - Full Perimeter	
408.00	Hi-Rib Steel 26 Ga.Mans To Follow Roofline	
128.00	2" Overhang At The Sides	
280.00	6" Overhang At The Ends	
<b><u>WINDOWS</u></b>		
28.00	36x60 V/S B/Tinted Insulated	
28.00	Vinyl Mini Blinds	
<b><u>EXTERIOR DOORS</u></b>		
10.00	36x80 Steel/Steel - Blank	
2.00	72x80 ST/ST 4x24" V/B	
14.00	Panic For Steel Doors Grade 2	
14.00	Closer (Factory Std.) Dorma	
<b><u>INSULATION</u></b>		
8960.00	R-30 Floor Insulation Kraft	

Customer Initials: \_\_\_\_\_

# MODULAR GENIUS

## SMART BUILDING

### GENERAL BUILDING INFORMATION:

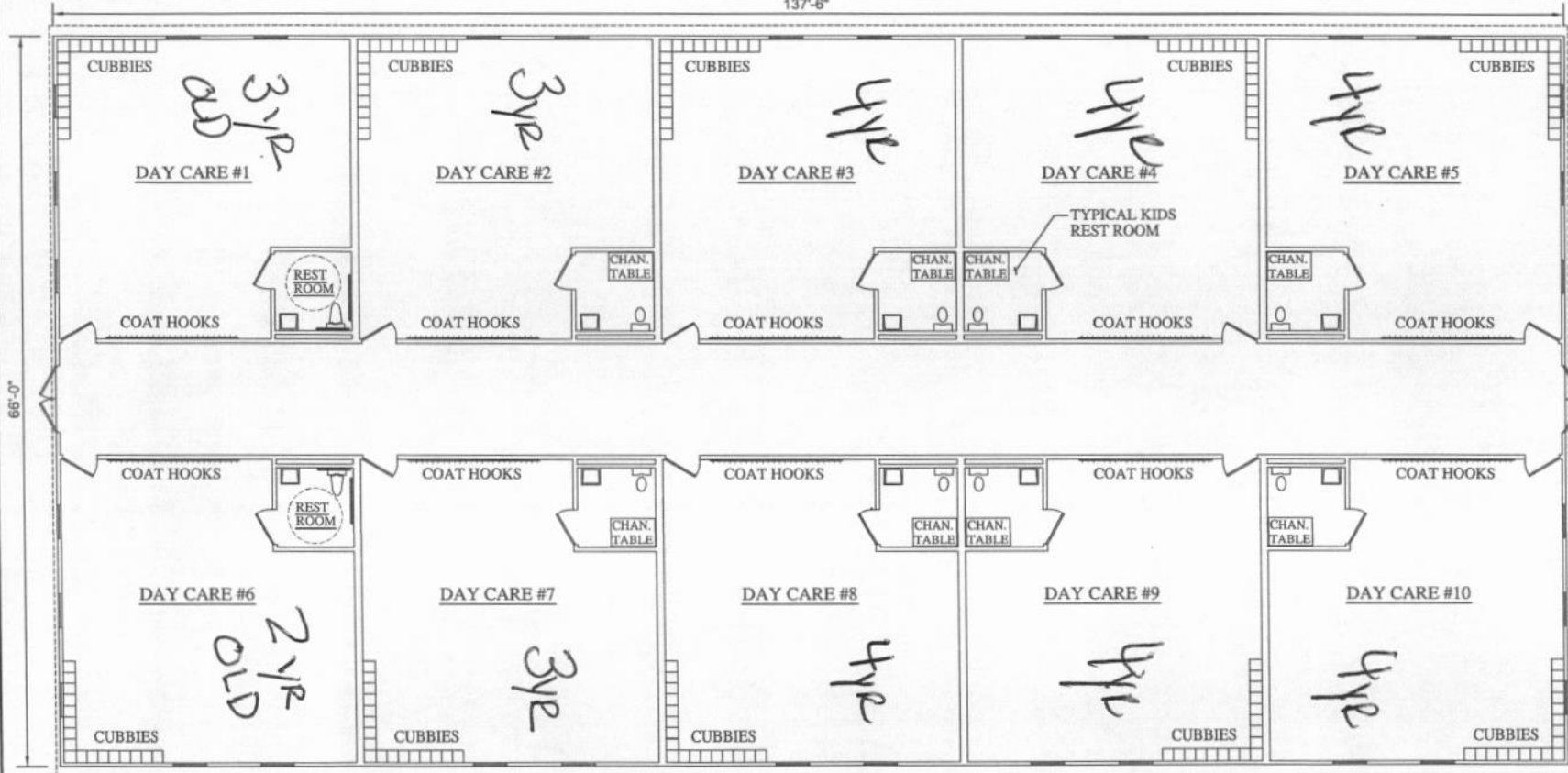
DRAWING NUMBER: DC10  
 NOMINAL BUILDING SIZE: 140'x66'  
 SQUARE FOOTAGE: 9240  
 BUILDING USE: DAY CARE

www.modulargenius.com  
 (888)420-1113

### GENERAL CODE INFORMATION:

- THE MINIMUM AND MAXIMUM NUMBER OF WINDOWS AND DOORS CODE SHALL BE LIMITED. CONSIDERATION SHALL BE TAKEN TO THE CODE REQUIREMENTS FOR EGRESS AND ENERGY CONSERVATION.
- REQUIRED PLUMBING FIXTURES ARE SUBJECT TO THE ADOPTED PLUMBING CODE. CONSIDERATION MAY BE TAKEN FOR EXISTING RESTROOMS ON SITE.
- THE BUILDING SQUARE FOOTAGE SHALL BE LIMITED TO THE REQUIREMENTS OF THE ADOPTED BUILDING CODE.
- THE BUILDING SHALL BE SET WITH A PERMANENT OR TEMPORARY FOUNDATION SYSTEM AND APPROVED BY LOCAL OFFICIAL HAVING JURISDICTION.
- THE FINAL LAYOUT IS SUBJECT TO REVIEW FOR COMPLIANCE WITH THE BUILDING CODE ENFORCED IN THE AREA WHERE THE BUILDING WILL BE LOCATED.

137'-6"

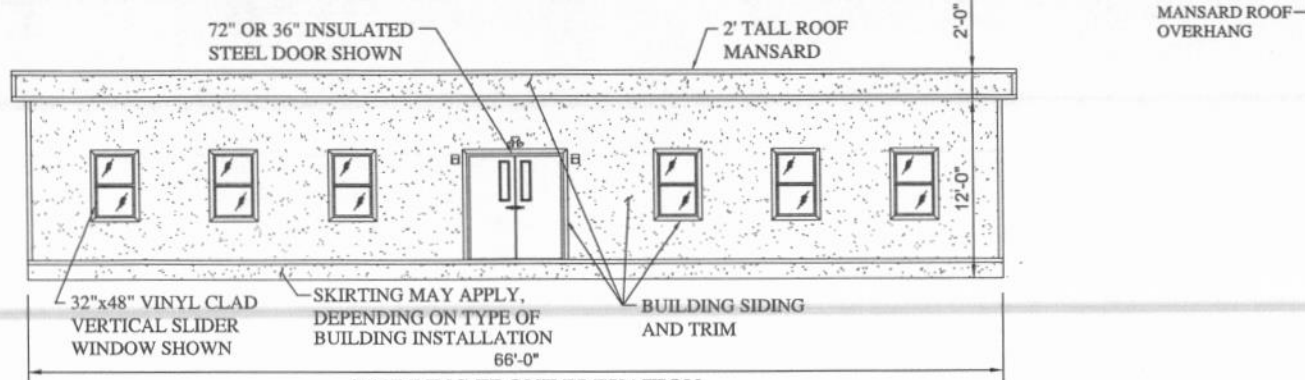


**GENERAL DESIGN NOTE:**  
 ROOMS, OFFICES, CLOSETS & RESTROOMS CAN BE ADDED, DELETED, MOVED OR RESIZE MEET YOUR SPECIFIC SPACE REQUIREMENTS.

WINDOWS AND DOORS CAN BE ADDED OR REMOVED BASED ON YOUR SITE REQUIREMENTS.

MECHANICAL, ELECTRICAL, & PLUMBING WILL BE SIZED TO THE USE AND OCCUPANCY REQUIREMENTS.

**BUILDING PLAN**



**BUILDING FRONT ELEVATION**

ASK ABOUT GREEN, SUSTAINABLE BUILDING OPTIONS





TO Gale Greene  
FROM Elaine Langdon  
RE Johnston Lee Harnett Community Action Head Start/Early Head Start- Lillington Site  
747 Shawtown Road  
DATE 09/07/2017

Thank you for getting our program the forms needed to address the new site. I have answered as many of the questions as possible and have attached documents that I hope will be helpful. As of today the modular with the office and kitchen space is put together and they are working on the classroom unit. In order to get on the Division of Child Development consultants calendar there is a tentative date of 9/28 for her visit, with the understanding that all other requirements must be met before her visit.

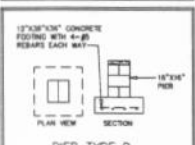
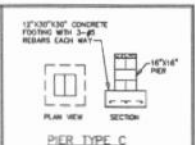
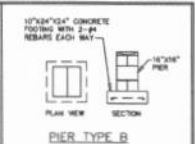
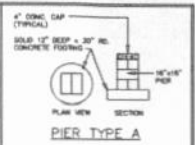
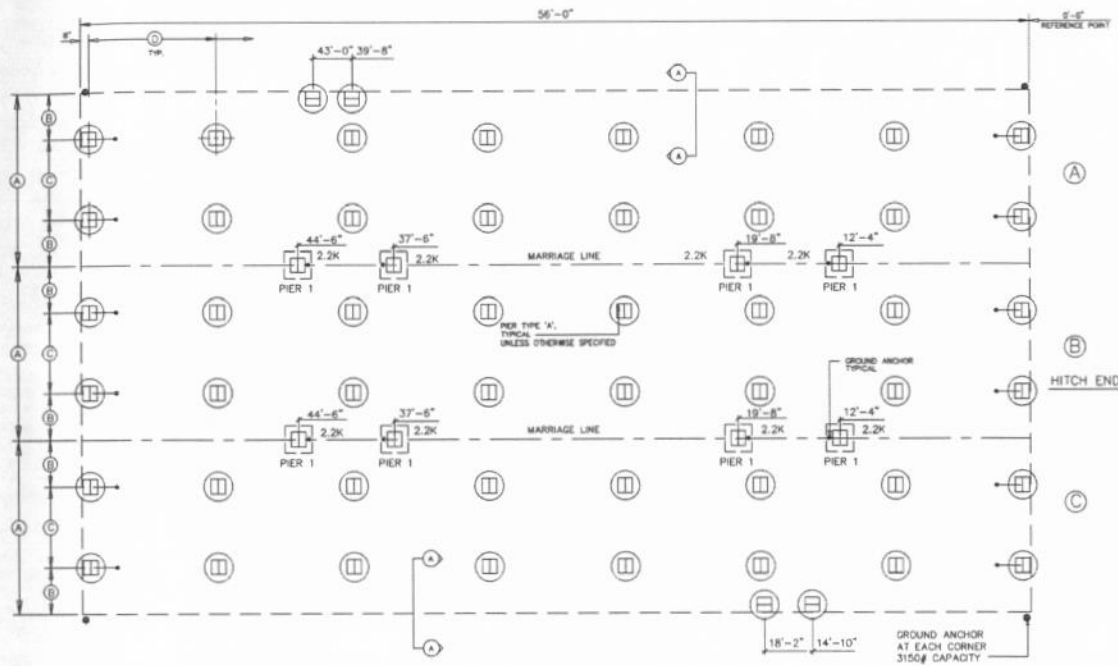
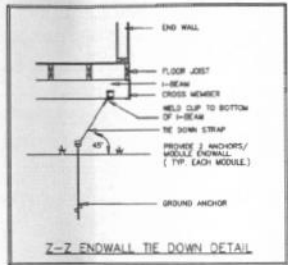
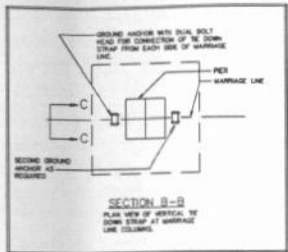
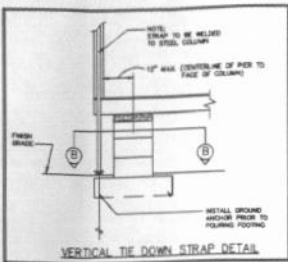
Our program's representative that is on site with the construction is Glen Avery, his contact number is 919-820-1531.

I can be reached at the Smithfield office at 919-934-2145 x118 or my cell number is 919-901-5323.

Thank you  
Elaine Langdon   
Interim Director







**NOTE:**  
THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION HAVING AUTHORITY.

**FOUNDATION NOTES:**

- ALL FOUNDATION CONSTRUCTION MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
- REINFORCING STRAP SHALL BE PLACED TO FACE OF COLUMN. 1/2" WALL (CONTINUE ME OF PIER TO FACE OF COLUMN). INSTALL GROUND ANCHOR PRIOR TO POURING FOOTING.
- EACH GROUND ANCHOR SHALL HAVE A MINIMUM CAPACITY NOT LESS THAN THE SUM OF THE REQUIRED WORKING CAPACITIES OF ALL TIE DOWN STRAPS CONNECTED TO THE GROUND ANCHOR AND SHALL BE EVALUATED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF GROUND ANCHOR INCLUDING SHAFT LENGTH, NUMBER AND SPACING OF STRIPS, ETC. TO BE AS INDICATED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE WORKING OR ALLOWED CAPACITIES OF GROUND ANCHORS ARE BELIEVED TO BE EXCEEDED, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR AN ALTERNATE DESIGN.
- MINIMUM SPACING SHALL BE AS INDICATED.
- ALL PIERS SHALL BE CONSTRUCTED BY CONCRETE READY MIX (CONCRETE TO BE SET IN PLACE). MINIMUM SPACING SHALL BE AS INDICATED IN TYPE M OR S SECTION OF THIS PLAN. MINIMUM SPACING SHALL BE AS INDICATED ABOVE.
- MINIMUM CONCRETE FLOOR COMPRESSION STRENGTH 3000 PSI AT 28 DAYS.
- ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A618, GRADE 60. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 2" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
- SEE SHEET 4 OF 4 FOR BUILDING SECTION LAYOUTS.
- LINEAR SUPPORT PIERS SHALL BE INSTALLED LATERALLY OFF FROM THE FOUNDATION BENCH TO THE CENTERLINE OF EACH PIER WITH THE SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 3000 PSF, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REINFORCED MASONRY FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON UNREINFORCED SOIL ONLY.
- MINIMUM CLEARANCE FROM EACH SIDE OF ALL EXTERIOR DOOR SPACINGS SHALL BE AS INDICATED. DOOR SPACINGS SHALL BE AS INDICATED. MINIMUM CLEARANCE FROM EACH SIDE OF ALL EXTERIOR DOOR SPACINGS SHALL BE AS INDICATED. DOOR SPACINGS SHALL BE AS INDICATED.
- THE FOUNDATION DIMENSIONS SHOWN ON THE ABOVE LAYOUT ARE NOMINAL DIMENSIONS. THE ACTUAL DIMENSIONS SHALL BE AS INDICATED FOR SAFE BUILT. FOUNDATION DIMENSIONS SHALL BE AS INDICATED FOR SAFE BUILT. FOUNDATION DIMENSIONS SHALL BE AS INDICATED FOR SAFE BUILT.
- THE ARCHITECT/ENGINEER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, RECORDS, AND OTHER MATERIALS NEEDED PRIOR TO THEIR CONSTRUCTION.



**FOUNDATION DIMENSIONS**

A	B	C	D
MINIMUM PIER WIDTH	MINIMUM PIER MIDDLE DIA.	MINIMUM PIER SPACING	MINIMUM PIER SPACING
11'-8"	22 1/4"	30' 1/2"	30' 1/2"
MINIMUM PIER SPACING	MINIMUM SOIL BEARING CAPACITY	MINIMUM SOIL BEARING CAPACITY	MINIMUM SOIL BEARING CAPACITY
6'-0"	3000 PSF	3000 PSF	3000 PSF
6'-0"	3000 PSF	3000 PSF	3000 PSF

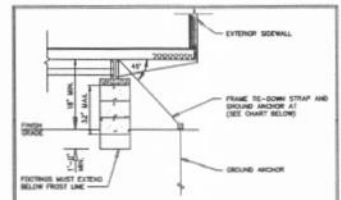
**NOTE:**  
THE NUMBER OF PIERS SHOWN ON THIS FOUNDATION PLAN IS NO INDICATION OF THE AMOUNT OF PIERS REQUIRED AND NEEDED FOR THIS BUILDING. SEE MAXIMUM PIER SPACING ABOVE FOR THE CORRECT NUMBER OF PIERS REQUIRED FOR EACH SOIL BEARING CAPACITY.

**MARRIAGE WALL PIER REQUIREMENTS**

PIER NUMBER	MARRIAGE SOIL BEARING CAPACITY	PIER TYPE	NUMBER OF VERTICAL TIE DOWN STRAPS PER PIER (EACH MODULE)
1	3000 PSF	D	1
	3000 PSF	D	1
	3000 PSF	D	1

**NOTE:**  
A SITE SPECIFIC FOUNDATION SHALL BE DESIGNED BY A LICENSED ENGINEER FOR THE LOCATION THAT THE BUILDING WILL BE INSTALLED. THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE. MINIMUM REQUIRED SUPPORT LOCATIONS & MINIMUM GRAVITY LOADS AT THOSE SUPPORT LOCATIONS ARE SPECIFIED ON THIS REFERENCED PLAN. THE ENGINEER OF THE MODULAR BUILDING PLANS SHALL NOT BE HELD RESPONSIBLE OR LIABLE FOR THE FOUNDATION DESIGN AND CONSEQUENTIAL PERFORMANCE OF THE SUPERSTRUCTURE'S STRUCTURAL COMPONENTS AND SYSTEM RELATED THERETO.

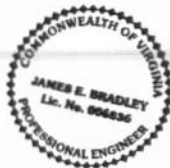
TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL  
This document is approved pursuant to the Industrialized Housing and Subdiv. Act.  
DRA No. 21 SBC /IRC  
Date: 07 28 2017  
DRA Signature: [Signature]



WIND SPEED	FRAME TIE-DOWN STRAP AND GROUND ANCHOR SPACING (BRACKETS WITH TWO OR MORE MODULES)
115 MPH	12'-0"
130 MPH	10'-0"
140 MPH	10'-0"
150 MPH	11'-0"
160 MPH	12'-0"
170 MPH	13'-0"
180 MPH	14'-0"

Reg. P.E. Firm Name:  
James E. Bradley  
Firm Reg. # E-1285

CONSULTING ENGINEER JAMES BRADLEY, P.E. - 212 FOX TRAIL - PARKERSBURG, PA. 19365 - (610) 857-2458



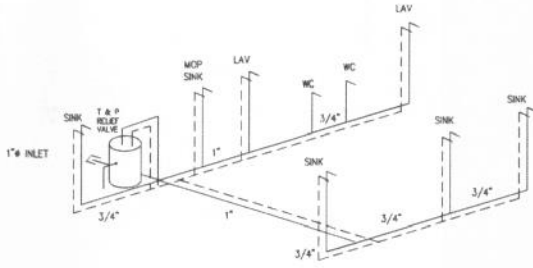
**DIAMOND BUILDERS INC.**  
P.O. BOX 2225 DOUGLASS, GEORGIA 31534

DATE: 7-28-17  
SCALE: NO SCALE  
SHEET: SEE NOTES  
STATE: AL, FL, GA, MS, NC, TN, VA, SC

FOUNDATION

REVISIONS: [Blank]  
BY: J.B.  
DATE: DBI7289 A-C  
35 x 56 BUSINESS

SHEET 1 OF 1



**SUPPLY RISER -NTS-**

**DWV RISER NOTES:**

- THE DWV RISER INDICATES THE SEQUENCE OF INSTALLING THE BELOW THE FLOOR PIPING. OTHER APPROVED METHODS MAY BE USED AS NEEDED TO ACCOMMODATE THE ACTUAL SITE CONDITIONS.
- ALL BELOW FLOOR PIPING AND FITTINGS ARE TO BE SUPPLIED AND INSTALLED ON SITE BY OTHERS.
- 1 1/2 INCH AND 2 INCH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/4 INCH PER FOOT.
- 3/4 AND 1 INCH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/8 INCH PER FOOT.
- BELOW FLOOR HORIZONTAL DRAIN LINES ARE 3 INCH MINIMUM DIAMETER UNLESS INDICATED OTHERWISE.
- A MINIMUM OF 3 WATER CLOSURES MAY REQUIRE BENDS AT 3 INCH LINE. CHANGES IN DIRECTION SHALL BE MADE WITH FITTINGS AS INDICATED IN TABLE FOR 3/4, VERTICAL TO HORIZONTAL, AND HORIZONTAL TO HORIZONTAL. CHANGES OF DIRECTION ARE TO BE MADE WITH LONG SWEEP FITTINGS.

SUPPLY LINE SIZING IS BASED ON AN ASSIGNED AVAILABLE PRESSURE OF 45 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

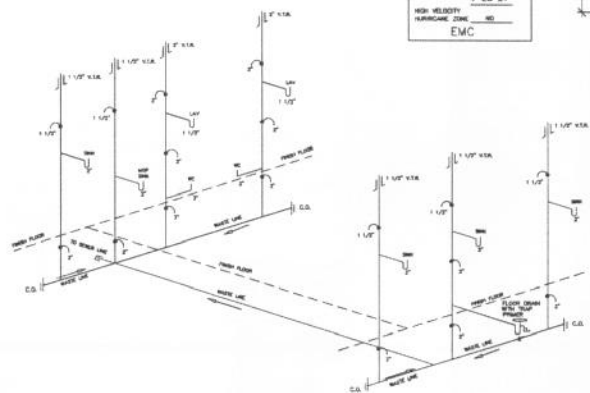
--- DWV  
--- W/P  
ALL SUPPLY LINES SHALL BE 3/4" ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED.

LISTING AGENCY APPROVAL

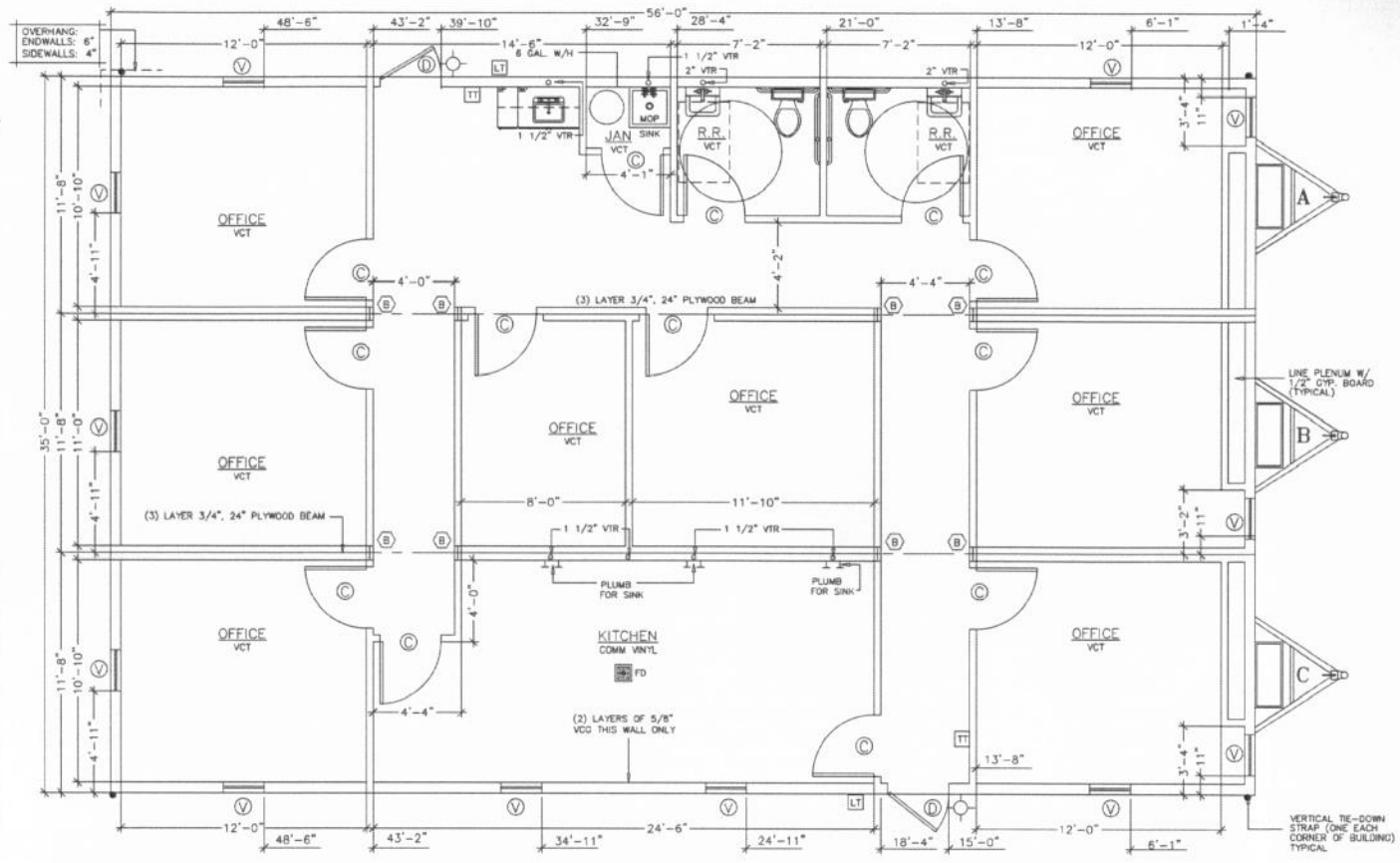
THESE PRINTS COMPLY WITH THE PLUMBING MANUFACTURED BUILDING ACT OF THIS CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CONSTR. TYPE	MB
FLOOR LL	000
WIND VELOCITY	150
FIRE RATING OF EXC. WALLS	0
ALLOWABLE NO. OF FLOORS	1
MANUFACTURER	EMC
PLAN NUMBER	7-28-17
APPROVAL DATE	7-28-17
HIGH VELOCITY WINDING, ZONE	NO

EMC



**DWV RISER NTS**



TT TACTILE SIGNAGE SHALL BE LOCATED ON EITHER SIDE OF DOORS AT ALL EXITS, INSTALLED ON SITE BY OTHERS.

LT THE FLOOR AND ROOF DESIGN OF THIS PLAN IS "LIGHT FRAME TRUSS-TYPE CONSTRUCTION" AS REFERENCED IN FAC RULE 69A-3.01(5). POSTING OF NOTICE SIGN(S) AS REQUIRED BY FAC 69A-3.01(5) SHALL BE INSTALLED ON SITE BY OTHERS. THE SYMBOLS MUST BE INSTALLED WITHIN 24" TO THE LEFT SIDE OF THE MAIN ENTRANCE OF THE FACILITY. IT MUST BE LOCATED BETWEEN 4 FEET AND 6 FEET ABOVE THE FINISHED FLOOR.

TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL  
This document is approved pursuant to the Industrialized Housing and Buildings Act.  
DORA No. 21 BIC 0702  
Date: 07/28/2017  
DRA Signature: *[Signature]*

**COLUMN STRAPPING SCHEDULE:**

(A) (2) 2x4 SYP #2 THIS HALF, (B) (2) 2x4 SYP #2 EACH HALF  
(C) (3) 2x4 SYP #2 THIS HALF, (D) (3) 2x4 SYP #2 EACH HALF  
(E) (4) 2x4 SYP #2 THIS HALF, (F) (4) 2x4 SYP #2 EACH HALF  
(G) (5) 2x4 SYP #2 THIS HALF, (H) (2) 2x6 SYP #2 EACH HALF

WITH RIDGE BEAM BEARING STIFFENER

NOTES:  
1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER.  
2. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.  
3. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

SYMBOL	DOOR SCHEDULE	TOTAL
C	36"x80" 20 MINUTE FIRE-RATED IMPERIAL OAK	13
D	36"x80" STEEL/STEEL W/4"x24" VIEW PANEL	2
SYMBOL	WINDOW SCHEDULE	TOTAL
V	24"x54" VERTICAL SLIDE, INSULATED BRONZE/TINTED	12

EMC APPROVED  
07 28 2017

Reg. P.E. Firm Name:  
James E. Bradley  
Firm Reg. # F-1205

CONSULTING ENGINEER JAMES BRADLEY, P.E. - 212 FOX TRAIL - PARKERSBURG, PA. 18365 - (610) 857-2458

**DIAMOND BUILDERS INC.**  
P.O. BOX 2200  
DOUGLASS, GEORGIA 31534  
443 THOMPSON DR.  
(912) 384-7080

DATE: 7-27-17  
SCALE: 1/4"=1'-0"  
CODES: SEE NOTES  
STATES: AL, FL, GA, MS, REVISIONS:  
NC, TX, VA, SC

DBI7289 A-C  
35 x 56 BUSINESS

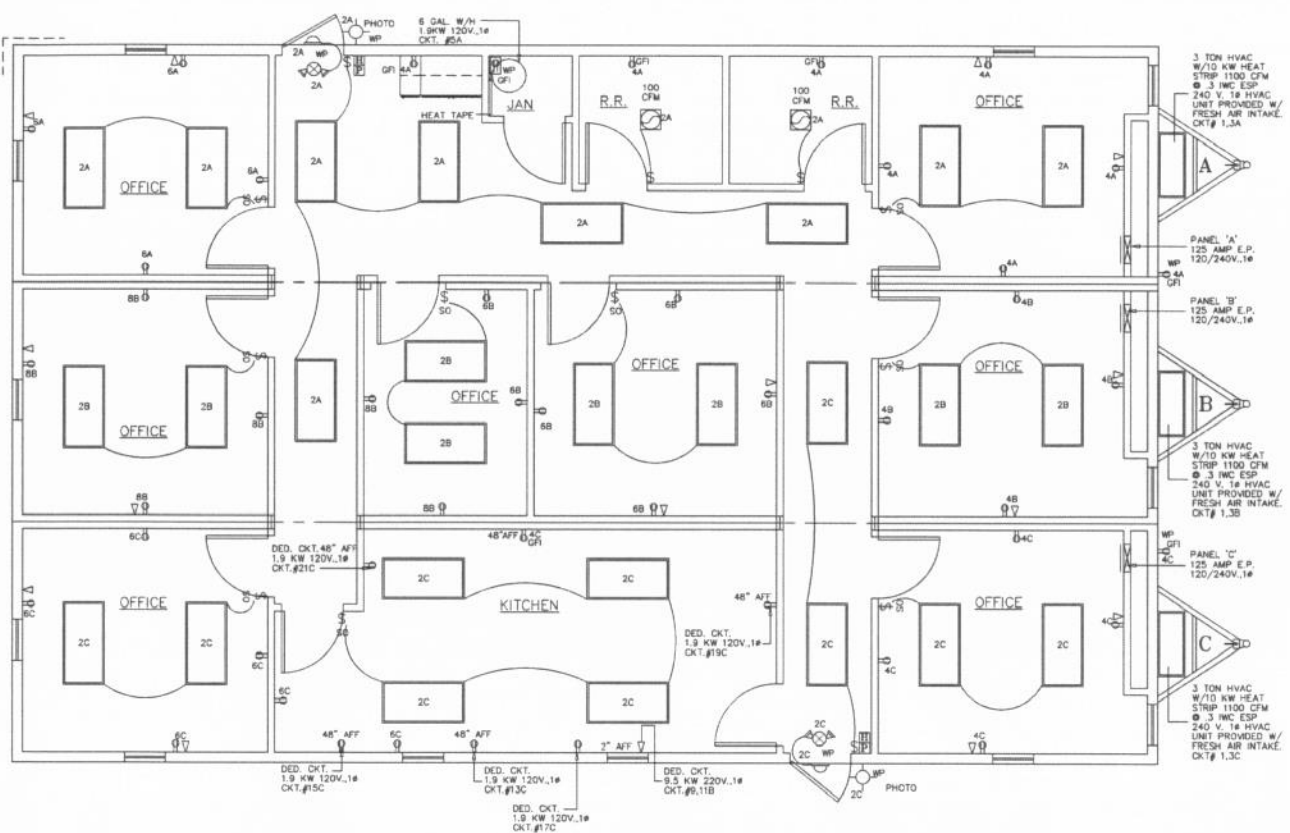
FLOOR PLAN DESTINATION: BALDWIN, NC

BY: J.B.  
SHEET: 2 OF 6



**SYMBOLS**

FIRE ALARM PULL STATION  
 FIRE ALARM SOUNDER  
 FIRE ALARM STROBE LIGHT  
 ANNUNCIATOR  
 SMOKE DETECTOR  
 SINGLE RECEPTACLE  
 DOUBLE RECEPTACLE  
 EMERGENCY LIGHT  
 COMPACT FLUORESCENT LIGHT  
 HIGH PRESSURE SODIUM LIGHT  
 LOW PRESSURE SODIUM LIGHT  
 EXIT SIGN  
 EXIT SIGN WITH LIGHT  
 SUPPLY AIR REGISTER  
 RETURN AIR REGISTER  
 FLOOD LIGHT  
 FLUORESCENT FIXTURE  
 EMERGENCY POWER  
 EMERGENCY STOP  
 EMERGENCY ALARM  
 EXIT SIGN WITH BATTERY BACKUP  
 EMERGENCY LIGHT WITH BATTERY BACKUP  
 TELEPHONE JACK  
 DATA JACK  
 SWITCH  
 BREAKER  
 TRANSFORMER  
 PANEL



**ELECTRICAL SCHEDULE 'C'**

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (SIZE)
1, 2	HVAC	60 A (2P) 8-2	12-2 NM
13	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
15	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
17	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
18	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
21	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
4, 6	RECEPTACLES	30 A	12-2 NM
3	LIGHTING	15 A	14-2 MC

**ELECTRICAL PANEL SIZING:**

DESCRIPTION	PANEL 'C'	KVA
GENERAL LIGHTING		
0.035 KW/SF X 700 SF X 1.25=	3.1	
2...RECEPTS AT 180VA/1000=	1.6	
HVAC	15.5	
(5) DED. CKT. 1.9KW X 1.25=	12.0	
<b>TOTAL</b>	<b>27.2 KW</b>	
<b>TOTAL/240 X 1000=</b>	<b>114 AMPS</b>	
<b>INSTALL 125 AMP PANEL</b>	<b>120/240 V, 1Φ</b>	

**ELECTRICAL SCHEDULE 'B'**

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (SIZE)
1, 3	HVAC	60 A (2P) 8-2	12-2 NM
6, 11	DED. CKT. 1.9 KW 120V, 1Φ	30 ACVP	12-2 NM
4, 6, 8	RECEPTACLES	30 A	12-2 NM
2	LIGHTING	15 A	14-2 MC

**ELECTRICAL PANEL SIZING:**

DESCRIPTION	PANEL 'B'	KVA
GENERAL LIGHTING		
0.035 KW/SF X 550 SF X 1.25=	2.5	
2...RECEPTS AT 180VA/1000=	2.9	
WATER HEATER 6.5 KW X 1.25=	8.1	
2...FANS AT 2 KW X 1.25=	5.0	
HVAC	15.5	
DED. CKT. 0.5 KW =	0.6	
<b>TOTAL</b>	<b>25.4 KW</b>	
<b>TOTAL/240 X 1000=</b>	<b>106 AMPS</b>	
<b>INSTALL 125 AMP PANEL</b>	<b>120/240 V, 1Φ</b>	

**ELECTRICAL SCHEDULE 'A'**

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (SIZE)
1, 3	HVAC	60 A (2P) 8-2	12-2 NM
5	WATER HEATER	30 ACVP	12-2 NM
4, 6	RECEPTACLES	30 A	12-2 NM
2	LIGHTING	15 A	14-2 MC

**ELECTRICAL PANEL SIZING:**

DESCRIPTION	PANEL 'A'	KVA
GENERAL LIGHTING		
0.035 KW/SF X 700 SF X 1.25=	3.1	
2...RECEPTS AT 180VA/1000=	2.4	
WATER HEATER 1.9KW X 1.25=	2.4	
2...FANS AT 3 KW X 1.25=	7.5	
HVAC	15.5	
<b>TOTAL</b>	<b>19.2 KW</b>	
<b>TOTAL/240 X 1000=</b>	<b>80 AMPS</b>	
<b>INSTALL 125 AMP PANEL</b>	<b>120/240 V, 1Φ</b>	

TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL  
 This document is approved pursuant to the Industrialized Housing and Buildings Act.  
 DRA No. 21 IBC - CIRC  
 Date: 07 28 2017  
 DRA Signature: *[Signature]*



**LISTING AGENCY APPROVAL**

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND REFER TO THE FOLLOWING OFFICIAL:

CONTRACT TYPE	NO.
FLOOR PL.	30 777
MECH. VENTILATION	1000000
FIRE RATING OF EXT. WALLS	0 100
ALLOWABLE NO. OF FLOORS	1
MANUFACTURER'S PLAN NUMBER	200
APPROVAL DATE	7-28-17
FORM RELIABILITY	7-28-17
MANUFACTURED ZONE	NO

EMC

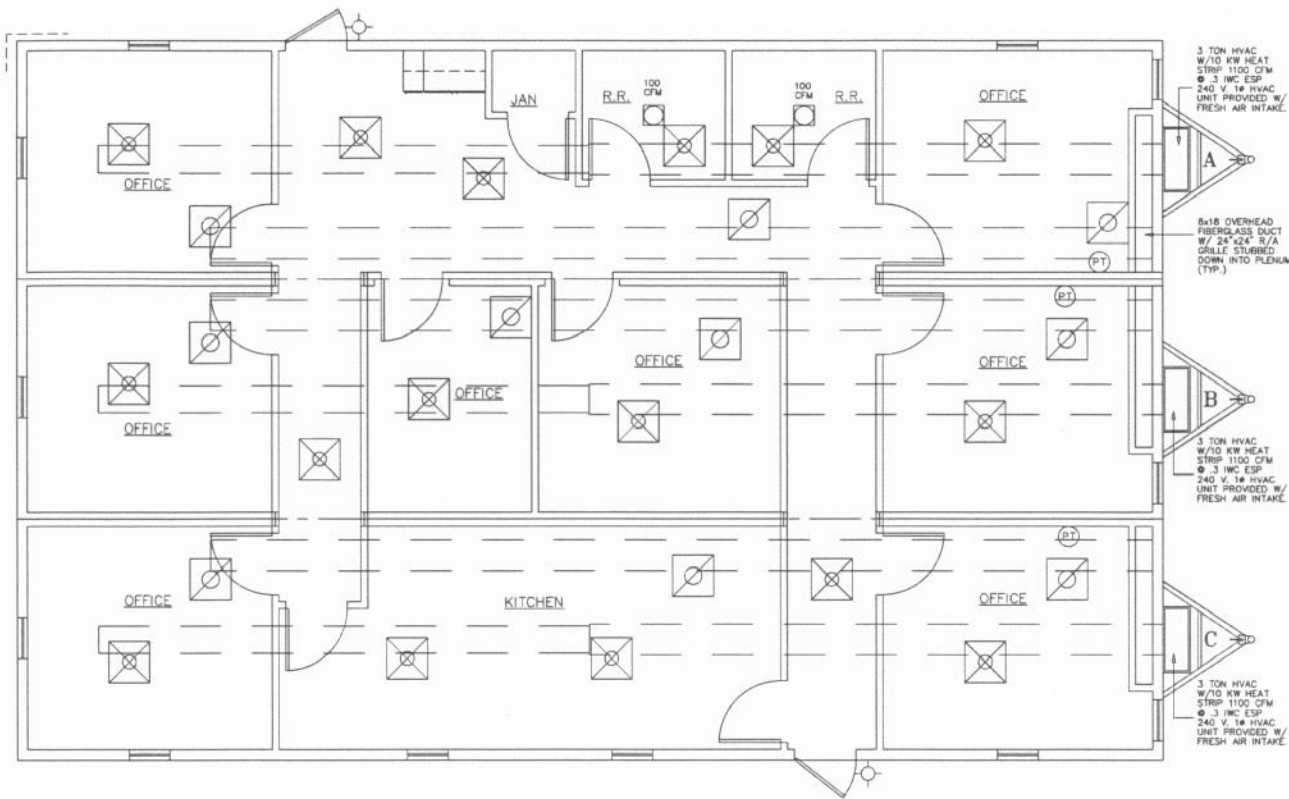
Reg. P.E. Firm Name:  
 James E. Bradley  
 Firm Reg. # P-1260

CONSULTING ENGINEER JAMES BRADLEY, P.E. - 212 FOX TRAIL - PARKERSBURG, PA. 19365 - (610) 857-2458

**DIAMOND BUILDERS INC.**  
 P.O. BOX 2250  
 DUBLAS, GEORGIA 31544  
 (912) 384-7080

DATE: 2-3-17  
 SCALE: 1/4"=1'-0"  
 NOTES: SEE NOTES  
 STATES: AL, FL, GA, MS, NC, TX, VA, SC

REVISIONS: \_\_\_\_\_  
 APPROVAL DATE: 7-28-17  
 DRAWN BY: J.E.B.  
 SHEET: 3 OF 6  
 ELECTRICAL DESTINATION: RALPH, NC.



**LEGEND**

- 24"x24" RETURN AIR GRILLE
- 24"x24" SUPPLY AIR GRILLE
- EXHAUST FAN
- 6"x10" SUPPLY AIR GRILLE
- THERMOSTAT

**NOTES:**

ACOUSTICAL CEILING TILE INSTALLED PER MANUFACTURERS SPECIFICATIONS (MOISTURE RESISTANT IN RESTROOMS) BY OTHERS.

FLEX DUCT FOR SUPPLY IS 8" AND FLEX DUCT FOR RETURN IS 10"

SEE ATTACHED BARD SPECIFICATIONS FOR ALL REQUIREMENTS AND INFORMATION REGARDING HVAC INSTALLATION AND OPERATING PROCEDURES

TEXAS INDUSTRIALIZED BUILDING CODE COUNCIL  
 This document is approved pursuant to the Industrialized Housing and Buildings Act.  
 DRA No. 21 - IBC - L/HIC  
 Date: 07-28-2017  
 DRA Signature: *[Signature]*

**EMC** APPROVED  
 07 28 2017

**LISTING AGENCY APPROVAL**

THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED HOUSING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CODE: IFC	NO
OCCUPANCY	8
FLOOR SL	30.72
WIND VELOCITY	140.000
FIRE RATING OF	
EXT. WALLS	5 1805
ALLOWABLE NO. OF FLOORS	2
MANUFACTURER	EMC
PLAN NUMBER	DBI7289
APPROVAL DATE	7-28-17
HIGH VELOCITY HURRICANE ZONE	NO

EMC

Reg. P.E. Firm Name:  
 James E. Bradley  
 Firm Reg. # F-1285

CONSULTING ENGINEER JAMES BRADLEY, P.E. - 212 FOX TRAIL - PARKESBURG, PA. 15365 - (610) 857-2458

**DIAMOND BUILDERS INC.**  
 P.O. BOX 2200 440 THOMPSON DR.  
 DODDGEVILLE, GEORGIA 31034 (912) 384-7080

DATE: 7-2-17  
 SCALE: 1/4"=1'-0"  
 CODES: SEE NOTES  
 STATES: AL, FL, GA, MS, NC, TX, VA, SC REVISIONS:  
 DBI7289 A-C  
 35 x 56 BUSINESS  
 MECHANICAL DESTINATION: PALMDALE, NC

BY: J.B.  
 SHEET: 4 OF 6



