

TRANSPORT OF MODULAR BUSINESS UNIT AND INSTALLATION
AT HERNANDO COUNTY SHERIFF'S OFFICE

23-T00040/AP Q46

County of Hernando
15470 Flight Path Drive
Brooksville, FL 34604



County of Hernando

Transport of Modular Business Unit and Installation at Hernando County
Sheriff's Office

- I. Quote Instructions.....
- II. Scope and Specifications.....
- III. Pricing Proposal
- IV. Vendor Questionnaire.....

Attachments:

A - Sample Work Authorization Agreement

B - TMS-5902-03 AB FL - 11.30.2020-modular plans

C - 17635 LAYOUT WITH PE STAMPS-stairs and ramp

D - 2012 survey SO Complex-markup-exhibit F

1. Quote Instructions

A. TIME OF COMPLETION:

- A. Vendor/Contractor agrees that the work will be substantially complete within one hundred days to substantial completion (100) calendar days after the commencement date indicated in the Notice to Proceed and ready for final payment within one hundred twenty days to final completion (120) calendar days after the date indicated on the Notice to Proceed. Completion time includes material ordering lead times. Materials shall not be ordered by the Vendor/Contractor until the Notice to Proceed has been issued.

B. LIQUIDATED DAMAGES:

- A. Vendor/Contractor hereby agrees that time is of the essence and that a precise determination of actual damages which could be incurred by the County for delay in the completion of the work provided herein would be difficult to ascertain. Accordingly the parties agree that the liquidated damages for those items of damage not otherwise provided for by the Quote Documents, for each and every day that the time consumed in completing the work provided for herein exceeds the time allowed in achieving Substantial Completion and/or Final Completion therefore shall be in accordance with the **none (\$0)**. The parties specifically agree that the liquidated damages provided herein do not constitute a penalty. The amount of liquidated damages occasioned by the Vendor/Contractor's delay will be deducted and retained out of the monies payable to the Vendor/Contractor. If not so deducted the Vendor/Contractor and sureties for the Vendor/Contractor shall be liable thereof.

C. PERFORMANCE AND PAYMENT BOND: - Not Required if Quote is under \$200,000

- A. A Performance and Payment Bond issued in a sum equal to one hundred (100%) percent of the total awarded Contract amount by a surety company considered satisfactory by the County and otherwise authorized to transact business in the State of Florida will be required from the successful Bidder for purposes of insuring the faithful performance of the obligations imposed by the resulting Contract and for purposes of protecting the County from lawsuits for non-payment of debts as might be incurred during the successful Bidder's performance under such Contract. When applicable, the performance and payment bond form will be included in the Contract Documents and said form must be properly executed by the surety company and successful Bidder within fifteen (15) calendar days after notification by the County of the County's intent to award the Contract.

- B. If, within fifteen (15) calendar days after notification by the County of the County's intent to award a Contract, the successful Bidder refuses or otherwise neglects to execute the required written Contract or fails to furnish the required Performance and Payment Bond, the amount of the Bidder's Bid security (check or Bid Bond) shall be forfeited and the same shall be retained by the County. No plea of mistake in the Bid or misunderstanding of the conditions of forfeiture shall be available to the Bidder for the recovery of his Bid security or as a defense to any action based upon the neglect or refusal to execute a written Contract.

- C. The surety company must provide an "Increase Rider" to the Performance and Payment Bond or execute the "Consent of Surety and Increase of Penalty" form provided by the County if the Contract is increased by change order.

D. TRAFFIC CONTROL:

- A. The Vendor/Contractor shall be responsible for installing, operating, and maintaining all traffic control associated with the project, including detours, advance warnings, channelization, or other features, both at the immediate work site and at outlying points as detailed on the construction plans or as referenced by the Florida Department of Transportation (FDOT) indexes.

- B. Vendor/Contractor shall prepare a detailed traffic control plan designed to accomplish the level of performance outlined in the scope of work, and incorporating the methods and criteria contained in the Manual on Uniform Traffic Control Devices published by the U.S. Department of Transportation and adopted as amended by the FDOT. This plan must be approved in writing by the Engineer.

- C. The Engineer may inspect and monitor the traffic control scheme and devices of the Vendor/Contractor and shall, through the County's Inspector assigned to the project, make known his requirements for any alterations and adjustments to the control plan or devices. The Vendor/Contractor shall take direction only as appropriately expressed by the Inspector or Engineer.

2. Scope and Specifications

2.1. GENERAL:

Pick up and transport one (1) modular unit including accessories from Brooksville-Tampa Bay Regional Airport located at 15800 Flight Path Drive, Brooksville, FL 34604 to the Hernando County Sheriff's Office located at 18900 Cortez Blvd., Brooksville, FL 34601. The work includes installation and hook up at the destination site.

The modular is a 1.256 SF unit with approximately 300 SF ramps and stairs and consists of two (2) halves. The unit is parked on an abandoned runway at the Brooksville-Tampa Bay Regional Airport.

The work includes but is not limited to site preparation and finishes, foundation system and tie downs, setting, assembling and connection of all utilities and life safety systems.

Contractor will be responsible to provide necessary site plan and other information required for permitting with the City of Brooksville. This includes utilizing information and documents attached to the documented quote and the development of a site plan sufficient for permitting purposes.

A formal pre-proposal meeting is not scheduled, however, a site visit can be arranged, if requested. Contractors can view the site by contacting Erik van de Boogaard at evandeboogaard@co.hernando.fl.us or by phone or text at 352-651-8265.

2.2. SCOPE OF WORK:

The Contractor shall provide all labor, materials, equipment, coordination, and services necessary to prepare, transport, install, assemble, and complete one (1) modular unit project as described herein.

A. Modular Preparation and Transportation

1. Prepare for transport one (1) modular unit, including all associated components, accessories, stairs, and ramps.
2. Transport the modular unit, consisting of two (2) halves, along with all stairs and ramps, from the Brooksville-Tampa Bay Regional Airport located at 15800 Flight Path Drive, Brooksville, FL 34604 to the Hernando County Sheriff's Office at 18900 Cortez Blvd., Brooksville, FL 34601.
3. The Contractor acknowledges that the modular unit and accessories are currently parked on an abandoned runway within the Brooksville-Tampa Bay Regional Airport and shall account for this condition in planning and execution.

B. Modular Installation and Setup

- A. Install and set up all modular unit components and accessories at 18900 Cortez Blvd., Brooksville, FL 34601 in accordance with the plans and specifications and the modular structure design by Titan Modular Systems, as attached in the following exhibits:

B- TMS-5902-03 AB FL - 11.30.2020-modular plans

C- 17635 LAYOUT WITH PE STAMPS-stairs and ramp

D- 2012 survey SO Complex-markup-exhibit F

2. Set the modular units on blocks and secure them to the ground in compliance with all applicable codes and regulations.
3. Remove all axles and wheels and store them beneath the modular unit, concealed with skirting.
4. Install existing ramps and stairs in compliance with all applicable codes, ordinances, ADA accessibility requirements, and requirements of the County.
5. Perform any additional civil work required to ensure compliance of ramps and stairs with applicable regulations.

C. Site Work and Finishes

1. Perform all required site preparation and site finishes.
2. Provide the foundation system and all required tie-downs.
3. Restore any disturbed or damaged interior finishes.
4. Complete all exterior finishes, including but not limited to the connection between modular unit halves and installation of skirting.

NOTE: The plans identify a small amount of sidewalk connection that may be required.

D. Utilities and Services

1. Provide and complete all required connections to existing water and sewer systems.
2. Coordinate with Duke Energy and pay all fees associated with required electrical connections.
3. Connect all service utilities and life safety systems as required for occupancy.

E. Fire and Life Safety Systems

1. A fire suppression system is not required for this project; all fire suppression heads shall be concealed above the ceiling space.
2. A fire suppression plan is attached as Exhibit B - TMS-5902-03 AB FL - 11.30.2020-modular plans.
3. Provide all required fire alarm systems in accordance with applicable codes and permitting requirements.

F. Permitting and Coordination

1. Provide all necessary site plans, drawings, and documentation required for permitting with the City of Brooksville.

2. Utilize information and documents attached to the documented quote and develop a site plan sufficient to obtain all required permits.
3. Coordinate inspections and approvals required to satisfy permitting and Certificate of Occupancy (CO) requirements.

G. Assembly and Completion

1. Provide full assembly of the modular unit and complete all repair and finish work include ceiling tiles and skirting.
2. Perform all tasks necessary to achieve final completion and issuance of a Certificate of Occupancy (CO).
3. The Contractor acknowledges that this project replaces an older modular unit previously removed due to age and degradation.

3. Pricing Proposal

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	Modular preparation and transportation (including stairs and ramps)	1	LS	\$12,894.00	\$12,894.00
2	Modular installation, setup, blocking, tie-downs, axle/wheel removal, and skirting	1	LS	\$18,934.67	\$18,934.67
3	Site preparation, foundation system, and site finishes	1	LS	\$17,844.00	\$17,844.00
4	Installation of ramps and stairs	1	LS	\$10,068.00	\$10,068.00
5	Interior and exterior finishes, including building connections and ceiling tiles	1	LS	\$20,304.00	\$20,304.00
6	Utility connections (water, sewer, electrical, life safety systems)	1	LS	\$28,896.00	\$28,896.00
7	Fire alarm systems and coordination with fire suppression plan	1	LS	\$10,894.00	\$10,894.00
8	Permitting, inspections, coordination, and Certificate of Occupancy	1	LS	\$28,744.00	\$28,744.00
9	Project assembly, completion, and closeout	1	LS	\$15,344.00	\$15,344.00
TOTAL					\$163,922.67



ADDENDUM No. ONE (1)

TO
THE CONTRACT DOCUMENTS
FOR THE

Transport of Modular Business Unit and Installation at Hernando County Sheriff's Office

IN
HERNANDO COUNTY, FLORIDA
SOLICITATION NO. 23-T00040/AP Q46

Bidders are required to acknowledge receipt of this Addendum via OpenGov prior to the time of the Bid Opening.

The following changes, additions and/or deletions are hereby made a part of the Contract Documents for the above-referenced Solicitation as fully and completely as if the same were fully set forth therein:

A. CLARIFICATIONS

1. The following clarifies Section 2.2. SCOPE OF WORK Item F. Permitting and Coordination:
 - a. Exhibit 1 attached to this addendum serves to further clarify information for development of the site plan for permitting as the proper size of units will be necessary for the permit application.
 - b. Exhibit 1 attached to this addendum also depicts the requested location for the metal ramp and stairs.
 - c. Due to the age of the provided drawing and older permit set shown, the contractor must remove any reference relating to "wood". Contractor shall provide drawings that depict the correct size of the units to be placed with all improvements necessary for code compliance.

**BOARD OF COUNTY COMMISSIONERS
OF HERNANDO COUNTY, FLORIDA**

Alisa Pike

For: Carla Rossiter-Smith, MSM PMP GPC
Director of Procurement and Strategic Initiatives



GULF COAST MODULAR CONSULTANTS LLC

DATE: 11/30/2020



Titan Modular Systems
162 Industrial Dr.
Alma GA , 31570

RE: Plan No.: TMS-5902-03 AB FL.
Building Size: 27'-2" X 52'-0"
Occupancy Classification: R-2 DORM
Gcmc's Approval Date: 11/30/2020

To Whom It May Concern:

This is to confirm that Gulf Coast Modular Consultants llc has approved the above referenced plan under the Florida Manufactured Buildings Program administered by the Florida Department of Business and Professional Regulation (DBPR) (FAC Chapter 61-41). GCMC review confirmed that the design complies with the Florida Building Code, 6th Edition (2017), with the following limitations.

1. The Manufactured Buildings Program approval pertains to the factory built modular structure only (and does not include the foundation system).
2. The foundation and anchoring system, utility connections, and items constructed and installed on-site are subject to review, approval and inspection by the local authority having jurisdiction.
3. See the site installed items list on the approved plans for list of items that must be completed on-site.
4. Chapter 633 Fire Safety plan review and inspection are reserved for the local fire safety authority having jurisdiction.
5. This plan is valid for use only in those jurisdictions where the structural design loads are less than or equal to the design loads indicated on the approved plans.
6. This plan IS NOT Apprvd for the High Velocity Hurricane Zone (Miami-Dade and Broward Counties).
7. The use of the building with fewer plumbing fixtures than required by Section 403 of the Florida Plumbing Code is subject to the review and approval of the local authority having jurisdiction.

GCMC's review included a review of products for compliance with 553.842(5) or FAC Chapter 61-G20-3. A set of signed and sealed plans will be retained on file at GCMC in accordance with the Manufactured Buildings Program requirements.

Best Regard's

Michael A. Frey

Michael A. Frey
President / CEO
mfrey.gcmc2018@outlook.com

REVIEWED BY:

MICHAEL A. FREY

Michael A. Frey (GCMC)

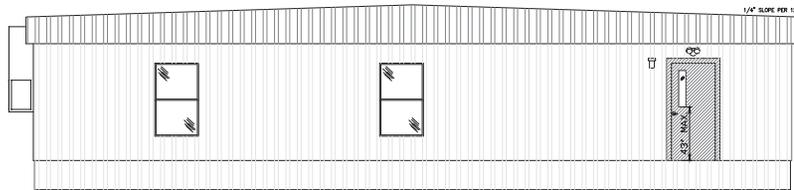
FLORIDA MODULAR PLANS EXAMINER

NO. SMP 37

GCMC LLC.

(file: Plans on File electronically @ GCMC In Designated Folders)

PORT RICHEY FL 34668
PH: (727) 226-3730



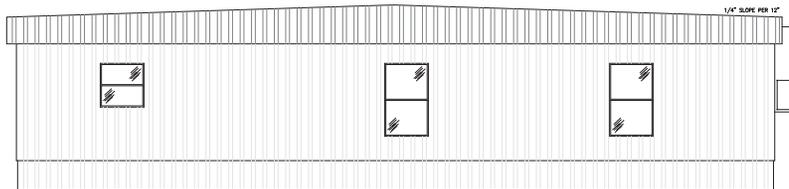
FRONT ELEVATION

FOUNDATION ENCLOSURE (WHEN PROVIDED) SHALL HAVE 1 SQUARE FOOT NET VENT AREA PER 17 SQUARE FEET OF FLOOR AREA.



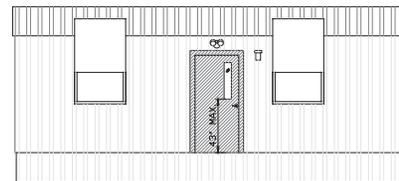
RIGHT ELEVATION

SEE CROSS SECTION FOR ROOF VENTILATION METHOD.



REAR ELEVATION

HANDICAP RAMP, STAIRS, AND HANDRAILS SITE INSTALLED, DESIGNED BY OTHERS, AND SUBJECT TO LOCAL CODE INSPECTION.



LEFT ELEVATION

LISTING AGENCY APPROVAL

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

CONST. TYPE	VB
OCCUPANCY	R2 DORM.
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	140VULT 109VASD
FIRE RATING OF EXT. WALLS	0
PLAN NO.	TMS-5902-03
ALLOW. FLOOR LOAD	40
APPROVAL DATE	11/30/2020
MANUF.	TMS
HIGH VELOCITY HURRICANE ZONE	NO

GCMC

KENNETH EARL DUNMON
PROFESSIONAL ENGINEER
AMERICUS, GEORGIA

GCMC LLC

GULF COAST MODULAR CONSULTANTS

GCMC LLC
10433 PURPLE LANE
PORT RICHEY FL 34668
PH: (727) 226-3730

Michael R. Figg, CEO

GCMC

APPROVED
Nov 30 2020



THIRD PARTY: Gulf Coast Modular Consultants
GCMC 10433 Purple Lane
Port Richey, FL 34668
727-226-3730

DEALER:
VANGUARD MODULAR
CONLEY, GA

PROJECT:
HERNANDO COUNTY, FL
140 MPH



Titan Modular Systems, Inc.
162 Industrial Drive
PO Box 427
Alma, GA 31510

SERIAL#: 5902-5903 AB			
SALES/DESIGN SHARNA GRAY	DRAWN BY: KELLY EBANKS	MODEL# 28V352	FORM PLANN TMS-5902-03
CODE: FL/BC	LABEL: FL/GCMC	SHEET: 2 OF 10	
DATE: 11/30/20	OCCUPANCY: R2 DORM		
SCALE: 1/4" = 1'-0"	QUOTE# 23662	ELEVATIONS	



THIRD PARTY: Gulf Coast Modular Consultants
GCMC
 10433 Purple Lane
 Port Richey, FL 34668
 727-226-3730

DEALER:
VANGUARD MODULAR CONLEY, GA

PROJECT:
**HERNANDO COUNTY, FL
 140 MPH**



Titan Modular Systems, Inc.
 162 Industrial Drive
 PO Box 427
 Alma, GA 31510

SERIAL #: 5902-5903 AB
 SALES/PERSON: SHARNA GRAY
 DRAWN BY: KELLY EUBANKS
 MODEL #: 28V352
 SQ. FT. PLAN: 1133-2962-03
 SHEET: **3 OF 10**
 DATE: 11/20/20
 OCCUPANCY: R2 DORM
 SCALE: 1/4" = 1'-0"
 QUOTE #: 23662
 COMBINED FLOOR PLAN

KENNETH EARL DUNNON
 PROFESSIONAL ENGINEER
 AMERICUS, GEORGIA

LISTING AGENCY APPROVAL
 THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.
 CONST. TYPE: VB
 OCCUPANCY: R2 DORM.
 ALLOWABLE NO. OF FLOORS: 1
 WIND VELOCITY: 140VULT / 109VASD
 FIRE RATING OF EXT. WALLS: 0
 PLAN NO.: TMS-5902-03
 ALLOW. FLOOR LOAD: 40
 APPROVAL DATE: 11/30/2020
 MANUF.: TMS
 HIGH VELOCITY HURRICANE ZONE: NO
GCMC

FRAME & FLOOR	WALLS-WINDOWS-DOORS	EXTERIOR	ROOF	ELECTRICAL	A/C & HEAT	RESTROOMS
NEW UNDERSLING AXLES W/ NEW TIRES BOX OUT FOR UNDERSLING AXLES	PLATES DOUBLE TOP 2'x6"/2'x4" BOTTOM 2'x6"/2'x4" STUDS EXTERIOR: 2'x6"x91 5/8" SYP #2 @ 16" O.C. INTERIOR: 2'x4"x91 5/8" SYP #2 @ 16" O.C.	29 GA. HI-RIB STEEL OVER HOUSE WRAP OVER 7/16" OSB	45 MIL WHITE EPDM STYLE TRANSVERSE TRUSS #350635 @ 24" O.C. @ 12" WIDE TRUSS #350635 @ 16" O.C. @ 16" WIDE 4 LAYER 24" RIDGE BEAM @ MATELINE DECKING 7/16"x4"x8" EPDM UNDERLAYMENT CEILING 2'x2" T-GRID ACoustICAL @ 7"-10"	SINGLE PHASE EXTRUDE CONDUIT (2) 150 NEMA-3 EXTERIOR AMP LIGHTS (19) 2X4 T-GRID 232 FLUORESCENT (2) STD 60 WATT PORCH LIGHT W/ PHOTOCELL (1) CLOSET LIGHT 60 WATT POWER OUTLET (1) VENT FAN (180 CFM) EXTRUDE CONDUIT 1-1/4" PVC	TYPE A/C (2) 3 TON BARD WALL MT. (2) 7 DAY PROGRAMMABLE THERMOSTAT TYPE HEAT 10 KW 24" SUPPLY AIR SYSTEM 2X2 FL8 SUPPLY GRILLES RETURN AIR SYSTEM 1" CEILING DUCTED	STANDARD N/A HANDICAP 2 1/2 COMM CODE(S) (2) R/H N/C TANK TYPE W.H. LAV (2) W/ FAUCET W/ SINK PROTECTION MIRROR (2) GRAB BAR (2) 36" (2) 42" @ 36" AFF (2) 18" @ 39" AFF VANITY N/A URINAL N/A SHOWER (2) H/C WATER HEATER (1) 50 GALLON ELECTRIC W/ DISCONNECT (1) DISMAMER BOX (1) DISMAMER STUB (1) WASHER BOX (STACKABLE)
HITCH REMOVABLE XXXX STANDARD I-BEAM 12" OUTRIGGER FRAME W/ 95 1/2" BRAKE AXLES JOIST 2'x8"x13" SYP #2 @ 16" O.C. @ 12" WIDE 2'x8"x183" SYP #2 @ 12" O.C. @ 16" WIDE	INSULATION R- EXTERIOR: 19 UF INTERIOR: 11 UF COVERING 5/8" (SAVANNAH BLUE) TYPE X GYP THRU OUT	29 GA. HI-RIB STEEL MANSARD SKIRTING MOCHA TAN 29 GA. HI-RIB STEEL INCLUDES-VENTS, 2X2 PT FINISHING, HI-RIB BASE @ 36" AFF HT.	INSULATION R- 38 UF TIE DOWNS NONE (2) OVERHANG @ SIDES (2) DUAL HEAD EMERGENCY LIGHT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT UNDER FLOOR FOR HEAT TAPE CUT BACK T-GRID N/A (8) WALL MT. J-BOX W/ 3/4" STUB W/ PULL STRINGS (2) WALL MT. OCCUPANCY SENSOR	EXIT SIGN (2) DOUBLE EXTERIOR EMERGENCY LIGHT REMOTE HEAD TO MATCH PORCH LIGHT (2) DUAL HEAD EMERGENCY LIGHT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT UNDER FLOOR FOR HEAT TAPE (8) WALL MT. J-BOX W/ 3/4" STUB W/ PULL STRINGS (2) WALL MT. OCCUPANCY SENSOR	TYPE HEAT 10 KW 24" SUPPLY AIR SYSTEM 2X2 FL8 SUPPLY GRILLES RETURN AIR SYSTEM 1" CEILING DUCTED	SHOWER (2) H/C WATER HEATER (1) 50 GALLON ELECTRIC W/ DISCONNECT (1) DISMAMER BOX (1) DISMAMER STUB (1) WASHER BOX (STACKABLE)
INSUL R- 19 UF DECKING 3/4" PLYWOOD/ADVANTECH COVERING ARMSTRONG CORLON ROLL VINYL IN RRS ONLY VCT (51903 BLUE/GRAY) THRU OUT REMANDER	6" (BLACK) VINYL COVE BASE MOLDING IN RRS ONLY 4" (BLACK) VINYL COVE BASE MOLDING THRU OUT	SKIRTING MOCHA TAN 29 GA. HI-RIB STEEL INCLUDES-VENTS, 2X2 PT FINISHING, HI-RIB BASE @ 36" AFF HT.	HURRICANE STRAPS NOT INSTALLED CYSPUM CEILING BEAM @ MATELINE CUT BACK T-GRID N/A SPRINKLER SYSTEM INSTALLED ON SITE BY OTHERS	EXIT SIGN (2) DOUBLE EXTERIOR EMERGENCY LIGHT REMOTE HEAD TO MATCH PORCH LIGHT (2) DUAL HEAD EMERGENCY LIGHT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT (1) 120V EXTERIOR WEATHERPROOF GF1 RECEPT UNDER FLOOR FOR HEAT TAPE (8) WALL MT. J-BOX W/ 3/4" STUB W/ PULL STRINGS (2) WALL MT. OCCUPANCY SENSOR	TYPE HEAT 10 KW 24" SUPPLY AIR SYSTEM 2X2 FL8 SUPPLY GRILLES RETURN AIR SYSTEM 1" CEILING DUCTED	SHOWER (2) H/C WATER HEATER (1) 50 GALLON ELECTRIC W/ DISCONNECT (1) DISMAMER BOX (1) DISMAMER STUB (1) WASHER BOX (STACKABLE)

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE SUBJECT OR ITEM.

SYMBOL LEGEND

○ PANEL BOX	○ SINGLE SWITCH
○ DUPLEX RECEPTACLE 120v	○ DOUBLE SWITCH
○ PORCH LIGHT	○ WALL MT. J-BOX
○ EXTERIOR W/ GF1 RECEPT	○ WIRS EMERGENCY LIGHT
○ VENT FAN/LIGHT COMBO	○ DUAL RECEPT HEAD
○ FLUORESCENT LIGHT W/ 2-TON BLADE	○ 10" SUPPLY AIR (DIFFUSER CEILING)
○ ENGINEERED ORDER BRUSS DESCRIPTION	○ 12" RETURN AIR (DIFFUSER CEILING)
○ UNDER FLOOR GF1 W/ RECEPT	○ THERMOSTAT
○ SENSOR SWITCH	○ SINK ROUGH OUT
○ CEILING MT. COME LT.	○ KEMAMER BOX
○ NEMA RECEPT	○ VENT KIT
○ DEDICATED RECEPT	○ MEDICAL GRADE RECEPT
○ J-BOX FOR FULL BOX	○ J-BOX FOR HORN BOX

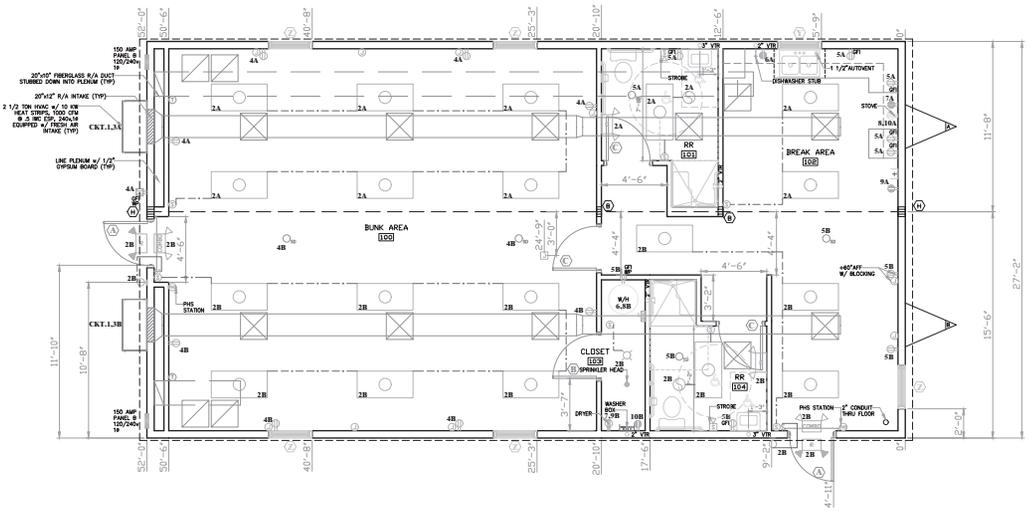
COLOR CHART

■ WALLS
■ WINDOWS
■ DOORS
■ ELECTRICAL
■ WIRING
■ HVAC / DUCT / DIFFUSERS
■ DIMENSIONS
■ TRUSS BAYS
■ PLUMBING

COLUMN STRAPPING SCHEDULE:

⊙ (2) 2x4 SYP #2 THIS HALF.	⊙ (2) 2x4 SYP #2 EACH HALF
⊙ (3) 2x4 SYP #2 THIS HALF.	⊙ (3) 2x4 SYP #2 EACH HALF.
⊙ (4) 2x4 SYP #2 THIS HALF.	⊙ (4) 2x4 SYP #2 EACH HALF.
⊙ (2) 2x4 SYP #2 THIS HALF.	⊙ (2) 2x4 SYP #2 EACH HALF.
⊙ (3) 2x4 SYP #2 THIS HALF.	⊙ (3) 2x4 SYP #2 EACH HALF.
⊙ (4) 2x4 SYP #2 THIS HALF.	⊙ (4) 2x4 SYP #2 EACH HALF.

NOTES:
 1. ALL COLUMN STUDS SHALL BE GLUE/NAILED TOGETHER.
 2. ALL GLUE WITH 100% COVERAGE SHALL BE USED.
 3. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.
 4. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.



DOOR SCHEDULE		WINDOW SCHEDULE	
⊙ 1	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 1	1/2" MIN. RATED GROUND GLASS GLAZING
⊙ 2	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 2	1/2" MIN. RATED GROUND GLASS GLAZING
⊙ 3	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 3	1/2" MIN. RATED GROUND GLASS GLAZING
⊙ 4	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 4	1/2" MIN. RATED GROUND GLASS GLAZING
⊙ 5	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 5	1/2" MIN. RATED GROUND GLASS GLAZING
⊙ 6	1/2" MIN. RATED GROUND GLASS GLAZING	⊙ 6	1/2" MIN. RATED GROUND GLASS GLAZING

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

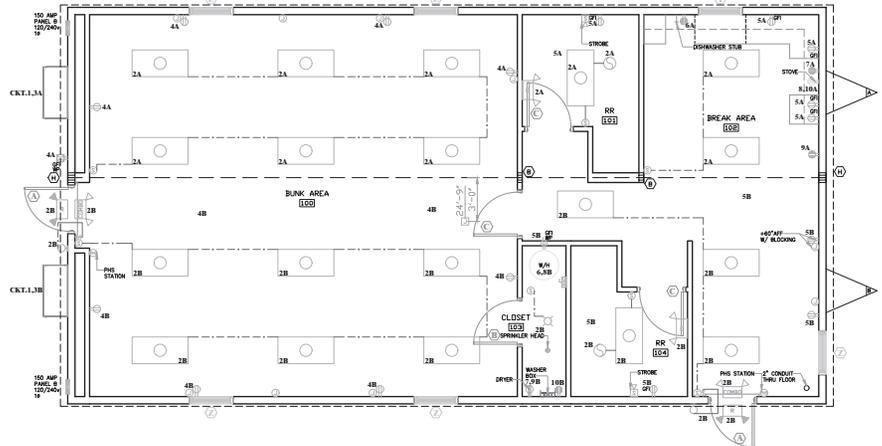
NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

SYMBOL LEGEND

PANEL BOX	SINGLE SWITCH
SQUARE RECEPTACLE 120V	DOUBLE SWITCH
PORCH LIGHT	WALL MT. J-BOX
EXTERIOR WP GFI RECEPT	EWS EMERGENCY LIGHT
VENT FAN/LIGHT COMBO	DUAL REMOTE HEAD
FLUORESCENT LIGHT 4' 2-20W BASES	
ENGINEERED TRUSS DESCRIPTION	
UNDER FLOOR GFI WP RECEPT	THERMOSTAT
SENSOR SWITCH	SINK ROUGH IN
CEILING MT. DOME LT.	ICE MAKER BOX
NEMA RECEPT	VENT KIT
DEDICATED RECEPT	MEDICAL GRADE RECEPT
J-BOX FOR PULL BOX	J-BOX FOR HORN BOX

COLOR CHART

	WALLS
	WINDOWS
	DOORS
	ELECTRICAL
	WIRING
	HVAC / DUCT / DIFFUSERS
	DIMENSIONS
	TRUSS BAYS
	PLUMBING



A 100 AMP PANEL

LN	DESCRIPTION	BRK#	SIZE	LN	DESCRIPTION	BRK#	SIZE
1	A/C	80	6	2	LIGHTING	20	12
3	SMOKE DETECTOR	20	12	4	RECEPTS	20	12
5	SMOKE DETECTOR	20	12	4	RECEPTS	20	12
7	DEDICATED RECEPT	20	12	8	W/H	30	10
9	DEDICATED RECEPT	20	12	10	STONE RECEPT	50	6
11				12		20	12
13				14		20	12
15				16		20	12

TOTAL ACTUAL USE IN _____ MIN CODE USE IN 1248 (1.824 LF + .36) = 1248 (M)
 TOTAL PANEL W. LOAD = (CIRCUIT) 1248 + (DIN-COM) 13482 + (DORM/HVAC/OTHER) 14165 = 16216 (M)
 PANEL AMP = TOTAL IN 230.83A / 240 V = 133.2 AMP = 100 AMP @ 120V, 133.2 AMP

B 100 AMP PANEL

LN	DESCRIPTION	BRK#	SIZE	LN	DESCRIPTION	BRK#	SIZE
1	A/C	80	6	2	LIGHTING	20	12
3	SMOKE DETECTOR	20	12	4	RECEPTS	20	12
5	SMOKE DETECTOR	20	12	4	RECEPTS	20	12
7	DORM RECEPT	20	12	8	W/H	30	10
9	DORM RECEPT	20	12	10	DEDICATED RECEPT	20	12
11				12		20	12
13				14		20	12
15				16		20	12

TOTAL ACTUAL USE IN _____ MIN CODE USE IN 1664 (1.832 LF + .36) = 1664 (M)
 TOTAL PANEL W. LOAD = (CIRCUIT) 1664 + (DIN-COM) 2222 + (DORM/HVAC/OTHER) 14165 = 16051 (M)
 PANEL AMP = TOTAL IN 230.83A / 240 V = 133.2 AMP = 100 AMP @ 120V, 133.2 AMP

LISTING AGENCY APPROVAL
 THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE VB
 OCCUPANCY R2 DORM.
 ALLOWABLE NO. OF FLOORS 1
 WIND VELOCITY 140VULT / 109VASD
 FIRE RATING OF EXT. WALLS 0
 PLAN NO. TMS-5902-03
 ALLOW. FLOOR LOAD 40
 APPROVAL DATE 11/30/2020
 MANUF. TMS
 HIGH VELOCITY HURRICANE ZONE NO

GCMC

KENNETH EARL DUNMON
 PROFESSIONAL ENGINEER
 AMERICUS, GEORGIA



THIRD PARTY: Gulf Coast Modular Consultants
 GCMC 10433 Purple Lane
 Port Richey, FL 34668
 727-226-3730

DEALER:
 VANGUARD MODULAR
 CONLEY, GA

PROJECT:
 HERNANDO COUNTY, FL
 140 MPH



Titan Modular Systems, Inc.
 162 Industrial Drive
 PO Box 427
 Alma, GA 31510

SERIAL #: 5902-5903 AB			
SALES/PERSON SHARNA GRAY	DRAWN BY: KELLY EUBANKS	MODEL# 28V35T	FORM PLANN TMS-5902-03
CODE: FL/IBC	LABEL: FL/GCMC	SHEET: 5 OF 10	
DATE: 11/30/20	OCCUPANCY: R2 DORM	SCALE: 1/4" = 1'-0"	
SCALE: 1/4" = 1'-0"		QUOTE# 23682	ELECTRICAL FLOOR PLAN

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

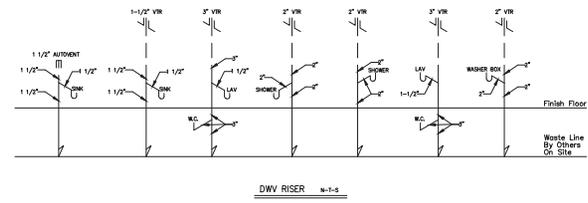
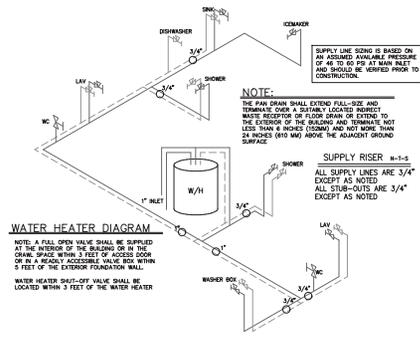
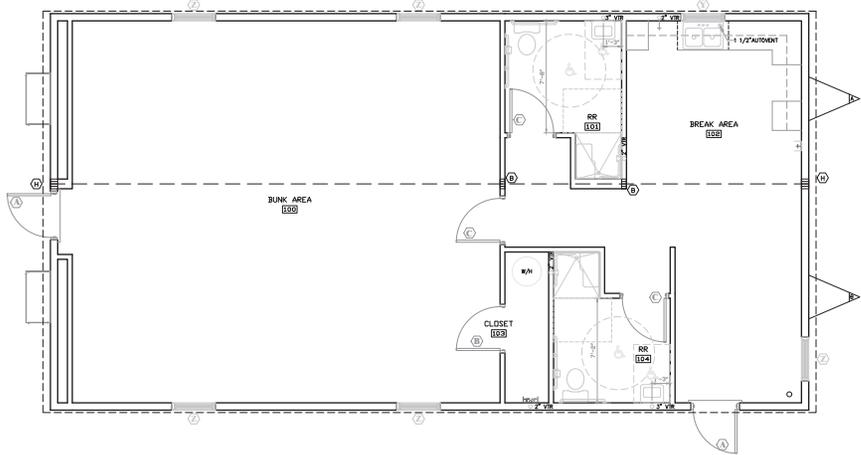
NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

SYMBOL LEGEND

PANEL BOX	SINGLE SWITCH
EMERGENCY RECEPTACLE 120V	DOUBLE SWITCH
PORCH LIGHT	WALL MT. J-BOX
EXTERIOR WP. GFI RECEPT	WRS EMERGENCY LIGHT
VENT FAN/LIGHT COMBO	DUAL KENOTE HEAD
FLUORESCENT LIGHT 4' 2-DIG BASES	1/2" SUPPLY AIR DIFFUSER (CEILING)
ENGINEERED ORDER TRUSS DESCRIPTION	12" 1/2" RETURN AIR DIFFUSER (CEILING)
UNDER FLOOR GFI WP RECEPT	THERMOSTAT
SENSOR SWITCH	1/2" SINK ROUGH IN
CEILING MT. DOME LT.	ICEMAKER BOX
NEMA RECEPT	VENT KIT
DEDICATED RECEPT	MEDICAL GRADE RECEPT
J-BOX FOR PULL BOX	J-BOX FOR HORN BOX

COLOR CHART

WALLS
WINDOWS
DOORS
ELECTRICAL
WIRING
HVAC / DUCT / DIFFUSERS
DIMENSIONS
TRUSS BAYS
PLUMBING



1. THE DIVV RISER INDICATES ONE METHOD OF INSTALLING THE BELOW THE FLOOR PIPING. OTHER APPROVED METHODS MAY BE USED AS NECESSARY TO ACCOMMODATE SITE CONDITIONS.
2. ALL BELOW FLOOR PIPING AND FITTINGS ARE TO BE SUPPLIED AND INSTALLED IN VES BY OTHERS.
3. 1 1/2" RICH AND 2" HICH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/8" HICH PER FOOT.
4. 2" RICH 1" HICH HORIZONTAL DRAIN LINES SHALL BE INSTALLED WITH A SLOPE OF 1/8" HICH PER FOOT.
5. BELOW FLOOR HORIZONTAL DRAIN LINES ARE 3" HICH MINIMUM DIAMETER UNLESS INDICATED OTHERWISE.
6. A MINIMUM OF 3" WATER CLOSURE SHALL DISCHARGE INTO A 3" RICH LINE.
7. ALL MANHOLE OR CLEANOUT SHALL BE MADE WITH FITTINGS AS INDICATED IN TABLE 104.1. VERTICAL, TO HORIZONTAL AND HORIZONTAL TO HORIZONTAL CHANGES OF DIRECTION ARE TO BE MADE WITH LONG SWEEP FITTINGS.

LISTING AGENCY APPROVAL

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

CONST. TYPE	VB
OCCUPANCY	R2 DORM.
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	140VULT 109VASD
FIRE RATING OF EXT. WALLS	0
PLAN NO.	TMS-5902-03
ALLOW. FLOOR LOAD	40
APPROVAL DATE	11/30/2020
MANUF.	TMS
HIGH VELOCITY HURRICANE ZONE	NO

KENNETH EARL DUNMON
PROFESSIONAL ENGINEER
AMERICUS, GEORGIA



THIRD PARTY: Gulf Coast Modular Consultants
GCMC
10433 Purple Lane
Port Richey, FL 34668
727-226-3730

DEALER:
VANGUARD MODULAR
CONLEY, GA

PROJECT:
HERNANDO COUNTY, FL
140 MPH



Titan Modular Sytems, Inc.
162 Industrial Drive
PO Box 427
Alma, GA 31510

SERIAL #: 5902-5903 AB			
SALES/PERSON SHARNA GRAY	DRAWN BY KELLY EUBANKS	MODEL # 28'X32'	CONC. PLAN # TMS-5902-03
CODE: FL/IBC	LABEL: FL/GCMC	SHEET: 6 OF 10	
DATE: 11/3/20	OCCUPANCY: R2 DORM	PLUMBING FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE # 23662		

NOTE: ALL WALL DIMENSIONS ARE TO WALL FINISH AND NOT TO THE STUD!!!

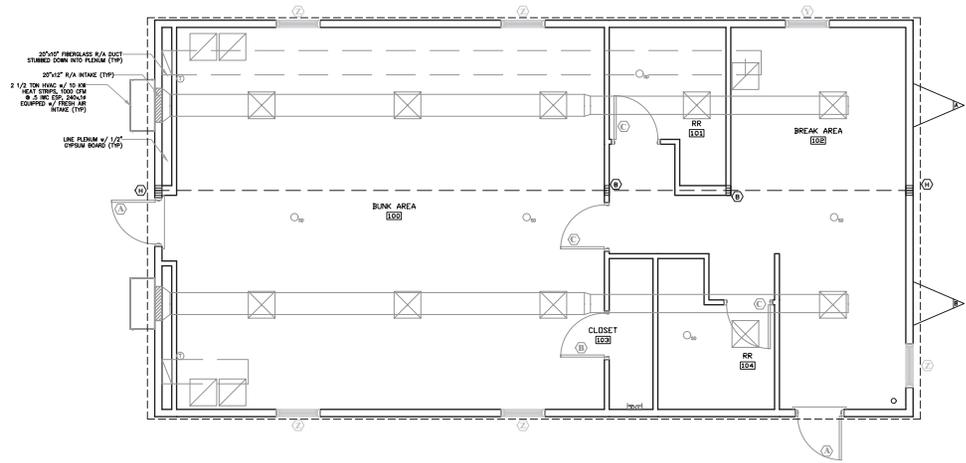
NOTE: ALL HEIGHTS SPECIFIED A.F.F. (ABOVE FINISHED FLOOR) ARE MEASURED TO THE BOTTOM OF THE OBJECT OR ITEM.

SYMBOL LEGEND

Panel Box	Single Switch
Outlet Receptacle 120V	Double Switch
Porch Light	Wall Mt. J-Box
Exterior WP or Receipt	IRS Emergency Light
Vent Fan/Light Combo	Dual Remote Head
Fluorescent Light w/ 2-20W Ballast	20" x 10" Supply Air Diffuser (Ceiling)
Engineered Order Truss Description	12" x 12" Return Air Diffuser (Ceiling)
Under Floor WP Receipt	Thermostat
Sensor Switch	Sink Rough In
Ceiling Mt. Dome Lt.	Ice Maker Box
Recessed Receipt	Vent Kit
Dedicated Receipt	Medical Grade Receipt
J-Box for Pull Box	J-Box for Horn Box

COLOR CHART

Walls
Windows
Doors
Electrical
Wiring
HVAC / Duct / Diffusers
Dimensions
Truss Bays
Plumbing



LISTING AGENCY APPROVAL

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

CONST. TYPE	VB
OCCUPANCY	R2 DORM.
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	140VULT 109VASD
FIRE RATING OF EXT. WALLS	0
PLAN NO.	TMS-5902-03
ALLOW. FLOOR LOAD	40
APPROVAL DATE	11/30/2020
MANUF.	TMS
HIGH VELOCITY HURRICANE ZONE	NO

GCMC

KENNETH EARL DUNMON
PROFESSIONAL ENGINEER
AMERICUS, GEORGIA



THIRD PARTY: Gulf Coast Modular Consultants
GCMC
10433 Purple Lane
Port Richey, FL 34668
727-226-3750

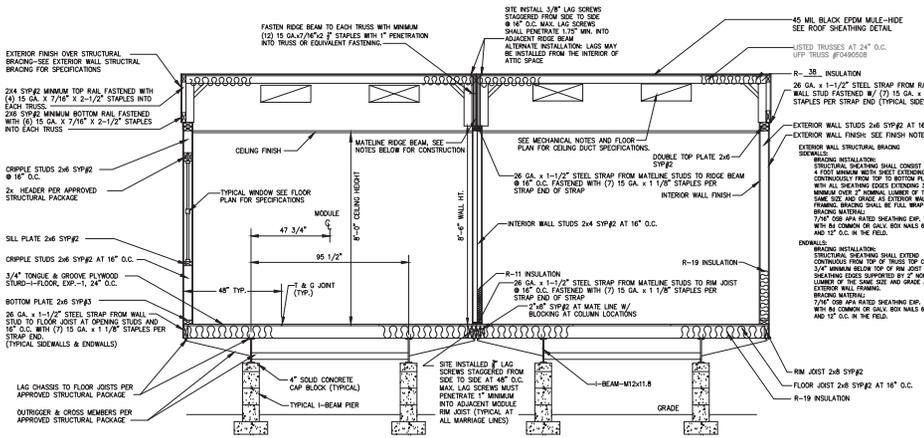
DEALER:
VANGUARD MODULAR
CONLEY, GA

PROJECT:
HERNANDO COUNTY, FL
140 MPH



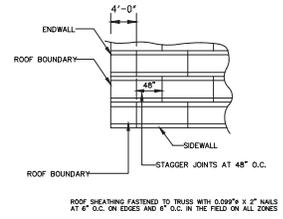
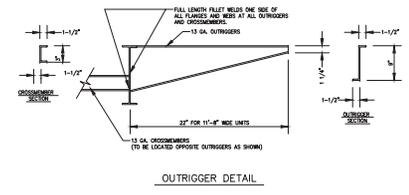
Titan Modular Systems, Inc.
162 Industrial Drive
PO Box 427
Alma, GA 31510

SERIAL #: 5902-5903 AB			
SALES/PERSON SHARNA GRAY	DRAWN BY KELLY EUBANKS	MODEL # 28'X32'	CONC. PLAN # TMS-5902-03
CODE: FL/BC	LABEL: FL/GCMC	SHEET: 7 OF 10	
DATE: 11/30/20	OCCUPANCY: R2 DORM.	MECHANICAL FLOOR PLAN	
SCALE: 1/4" = 1'-0"	QUOTE # 23662		



GENERAL CROSS SECTION NOTES

- UNLESS OTHERWISE SPECIFIED, ALL STEEL MUST COMPLY WITH ASTM A36, YIELD STRENGTH = 36 KSI.
- ALL LAG SCREWS MUST COMPLY WITH ANSI / ASME B18.2.1.



ROOF SHEATHING DETAIL

RIDGE BEAM CONSTRUCTION

4 LAYERS x 3/4" x 34" PLYWOOD RATED SHEATHING, EXPOSURE 1, STRUCT. 1
 5PLY, 5 LAYER, 48/24
 EACH SIDE OF EACH MARRIAGE LINE CONTINUOUS ENTIRE LENGTH OF BUILDING

NOTES:

- PLYWOOD FACE GRAIN MUST BE PARALLEL TO THE RIDGE BEAM SPAN.
- ALL PLYWOOD BUTT JOINTS MUST BE STAGGERED 24" MINIMUM.
- ALL RIDGE BEAM PLYWOOD LAMINATIONS MUST BE SAME DEPTH, THICKNESS, AND GRADE OF PLYWOOD. NO LUMBER OR PLYWOOD FLANGES ARE PERMITTED.
- PLYWOOD MUST BE MANUFACTURED IN ACCORDANCE WITH P.S.I. 83.
- PLYWOOD LAMINATIONS IN EACH HALF OF UNITS MUST BE GLUE NAILED TO ADJACENT LAYERS IN ACCORDANCE WITH P.D.S. SUPPLEMENT #5. WITH AN ADHESIVE COMPLYING WITH A.S.T.M. D3930, D4689 OR D2559 AND APPLIED OVER ALL CONTACT PLYWOOD SURFACES IN A QUANTITY OF APPROXIMATELY 1.77 GALLONS/100 SQ. FT.
- PLYWOOD MUST NOT BE TREATED WITH FIRE RETARDANT PROCESS.
- MOISTURE CONTENT MUST BE LESS THAN 16 %.
- BEAMS SUPPORTED BY ENDWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF ENDWALL.
- INSTALL (2x4) INCH x 20" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN; FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 100% GLUE COVERAGE AND (6) 15 GAUGE x 2 1/2 INCH STAPLES.

LISTING APPROVAL	
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA:	
CONST. TYPE	VB
OCCUPANCY	R2 DORM.
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	140MILT 109VASD
FIRE RATING OF EXT. WALLS	0
PLAN NO.	TMS-5902-03
ALLOW. FLOOR LOAD	40
APPROVAL DATE	11/30/2020
MANUF.	TMS
HIGH VELOCITY HURRICANE ZONE	NO

KENNETH EARL DUNMON
 PROFESSIONAL ENGINEER
 AMERICUS, GEORGIA



THIRD PARTY: Gulf Coast Modular Consultants
GCMC
 10433 Purple Lake
 Port Richey, FL 34668
 727-226-3750

DEALER:
 VANGUARD MODULAR
 CONLEY, GA

PROJECT:
 HERNANDO COUNTY, FL
 140 MPH



Titan Modular Systems, Inc.
 162 Industrial Drive
 PO Box 427
 Alma, GA 31510

SERIAL#: 5902-5903 AB			
SALES/PERSON DRAWN BY:	MODEL#	GCMC PLAN#	
DRW: 11320	10433	TMS-5902-03	
DATE: 11/30/20		OCCUPANCY: R2 DORM	SHEET: 8 OF 10
SCALE: 1/4" = 1'-0"	BLUEN: 23682	CROSS SECTION	



COMcheck Software Version 4.1.4.1 Envelope Compliance Certificate



Project Information

Energy Code: 2017 Florida Building Code, Energy Conservation
 Project Title: TMS-5902-03 AB FL R2 DORM
 Location: Hernando, Florida
 Climate Zone: 2a
 Project Type: New Construction
 Vertical Glazing / Wall Area: 7%

Construction Site: Owner/Agent: TITAN MODULAR SYSTEMS INC.
 162 INDUSTRIAL DR.
 P.O. BOX 427
 ALMA, GA 31510
 Designer/Contractor: KENNETH EARL DUNMON P.E.
 AMERICUS, GA

Additional Efficiency Package(s)

On-site Renewable Energy

Building Area	Floor Area
1-Dormitory : Nonresidential	1458

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor ^(a)
Roof 1: Attic Roof with Wood Joists, [Bldg. Use 1 - Dormitory]	1458	38.0	0.0	0.027	0.027
Floor 1: Wood-Framed, [Bldg. Use 1 - Dormitory]	1458	19.0	0.5	0.049	0.033
SOUTH					
Exterior Wall 1: Wood-Framed, 16" o.c., [Bldg. Use 1 - Dormitory]	1267	19.0	0.0	0.067	0.064
Window 1: Metal Frame with Thermal Break:Operable, Perf. Specs.: Product ID N/A, SHGC 0.25, PF 0.20, [Bldg. Use 1 - Dormitory] (b)	84	---	---	0.450	0.650
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Dormitory]	40	---	---	0.292	0.610

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Envelope PASSES: Design 1% better than code

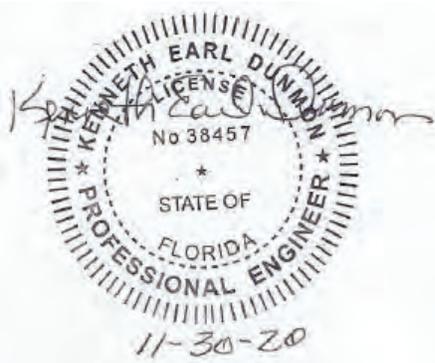
Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2017 Florida Building Code, Energy Conservation requirements in COMcheck Version 4.1.4.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title _____

Signature _____

e _____



Project Title: TMS-5902-03 AB FL R2 DORM
 Data filename: Untitled.cck

Report date: 11/25/20
 Page 1 of 20





Interior Lighting Compliance Certificate

Project Information

Energy Code: 2017 Florida Building Code, Energy Conservation
 Project Title: TMS-5902-03 AB FL R2 DORM
 Project Type: New Construction



Construction Site: Owner/Agent: TITAN MODULAR SYSTEMS INC.
 162 INDUSTRIAL DR.
 P.O. BOX 427
 ALMA, GA 31510
 Designer/Contractor: KENNETH EARL DUNMON P.E.
 AMERICUS, GA

Additional Efficiency Package(s)

On-site Renewable Energy

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1-Dormitory	1458	0.57	831
Total Allowed Watts =			831

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-Dormitory				
Linear Fluorescent 1: 48" T8 25W (Super T8): Electronic:	2	18	44	792
Incandescent 1: Incandescent 35W:	1	1	35	35
Total Proposed Watts =				827

Interior Lighting PASSES: Design 0.5% better than code

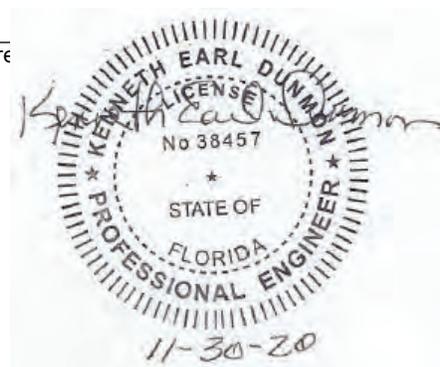
Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2017 Florida Building Code, Energy Conservation requirements in COMcheck Version 4.1.4.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title

Signature

ate





Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2017 Florida Building Code, Energy Conservation
 Project Title: TMS-5902-03 AB FL R2 DORM
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Residential mixed use area)



Construction Site: Owner/Agent: TITAN MODULAR SYSTEMS INC.
 162 INDUSTRIAL DR.
 P.O. BOX 427
 ALMA, GA 31510
 Designer/Contractor: KENNETH EARL DUNMON P.E.
 AMERICUS, GA

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Main entry	3 ft of door	20	Yes	60
Other door (not main entry)	3 ft of door	20	Yes	60
Total Tradable Watts (a) =				120
Total Allowed Watts =				120
Total Allowed Supplemental Watts (b) =				600

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

(b) A supplemental allowance equal to 600 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
<u>Main entry (3 ft of door width): Tradable Wattage</u>				
Incandescent 1: Incandescent 60W:	1	1	60	60
<u>Other door (not main entry) (3 ft of door width): Tradable Wattage</u>				
Incandescent 2: Incandescent 60W:	1	1	60	60
Total Tradable Proposed Watts =				120

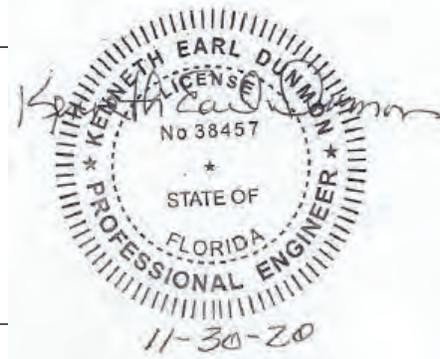
Exterior Lighting PASSES: Design 83% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2017 Florida Building Code, Energy Conservation requirements in COMcheck Version 4.1.4.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title

Signature





Inspection Checklist

Energy Code: 2017 Florida Building Code, Energy Conservation

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR1] ¹	Plans and/or specifications provide all information with which compliance can be determined for the building envelope and document where exceptions to the standard are claimed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR2] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR3] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C103.2 [PR8] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the exterior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include exterior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.1 [PR10] ¹	The vertical fenestration area <= 30 percent of the gross above-grade wall area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C402.4.1 [PR11] ¹	The skylight area <= 3 percent of the gross roof area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.2 [PR14] ¹	In enclosed spaces > 2,500 ft ² directly under a roof with ceiling heights >15 ft. and used as an office, lobby, atrium, concourse, corridor, storage, gymnasium/exercise center, convention center, automotive service, manufacturing, non-refrigerated warehouse, retail store, distribution/sorting area, transportation, or workshop, the following requirements apply: (a) the daylight zone under skylights is >= half the floor area; (b) the skylight area to daylight zone is >= 3 percent with a skylight VT >= 0.40; or a minimum skylight effective aperture >= 1 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.9.(1-4) [PR16] ¹	Ceilings with vented dropped ceiling cavities over conditioned spaces have a continuous air barrier between the conditioned space and the vented unconditioned space and are sealed to the air barrier of the walls. Unvented dropped ceiling cavities over conditioned spaces without air barrier between the conditioned and unconditioned space are sealed from the exterior environment and adjacent spaces by a continuous air barrier and is sealed to the air barrier of the walls. Unconditioned spaces above separate tenancies contain dividing partitions between the tenancies to form a continuous air barrier that is sealed at the ceiling and roof. Building cavities designed to be air distribution system components are sealed according to the criteria for air ducts, plenums, etc. in Section C403.2.7.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C303.2.1 [FO6] ¹	Exterior insulation protected against damage, sunlight, moisture, wind, landscaping and equipment maintenance activities.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.5, C403.2.4.6 [FO9] ³	Snow/ice melting system sensors for future connection to controls. Freeze protection systems have automatic controls installed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
------------------------	--------------------------	-----------------------

Section # & Req.ID	Framing / Rough-In Inspection	Complies?	Comments/Assumptions
C303.1.3 [FR12] ²	Fenestration products rated in accordance with NFRC.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1.3 [FR13] ¹	Fenestration products are certified as to performance labels or certificates provided.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.4.3 [FR10] ¹	Vertical fenestration SHGC value.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Envelope Assemblies table for values.</i>
C402.4.3, C402.4.3.4 [FR8] ¹	Vertical fenestration U-Factor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Envelope Assemblies table for values.</i>
C402.4.4 [FR14] ²	U-factor of opaque doors associated with the building thermal envelope meets requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Envelope Assemblies table for values.</i>
C402.5.1 [FR16] ¹	The building envelope contains a continuous air barrier that is sealed in an approved manner and either constructed or tested in an approved manner. Air barrier penetrations are sealed in an approved manner.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.2, C402.5.4 [FR18] ³	Factory-built fenestration and doors are labeled as meeting air leakage requirements.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL6] ³	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.5, C404.5.1, C404.5.2 [PL6] ³	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.6.1, C404.6.2 [PL3] ¹	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.6.3 [PL7] ³	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.6.3 [PL7] ³	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.7 [PL8] ³	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.7 [PL8] ³	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41] ³	Thermally ineffective panel surfaces of sensible heating panels have insulation $\geq R-3.5$.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.5, C403.2.4.3 [ME3] ³	Stair and elevator shaft vents have motorized dampers that automatically close.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.12.1 [ME65] ³	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
C403.2.12.3 [ME117] ²	Fans have efficiency grade (FEG) ≥ 67 . The total efficiency of the fan at the design point of operation $\leq 15\%$ of maximum total efficiency of the fan.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.1.1 [ME60] ²	HVAC ducts and plenums insulated and sealed according to Florida Section C403.2.9, Table C403.2.9.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.2 [ME79] ²	All ducts, air handlers, filter boxes, building cavities, mechanical closets and enclosed support platforms that form the primary air containment passageways for air distribution systems are constructed and erected in accordance with Table C403.2.9.2 and with Chapter 6 of the Florida Building Code, Mechanical. Ducts are be constructed, braced, reinforced and installed to provide structural strength and durability. All transverse joints, longitudinal seams and fitting connections are securely fastened in accordance with the applicable standards of this section.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.1.2 [ME80] ²	Duct insulation is protected from damage but not limited to the following: 1. Insulation exposed to weather is suitable for outdoor service. Cellular foam insulation is protected or painted with a coating that is water retardant and provides shielding from solar radiation. 2. Insulation covering cooling ducts located outside the conditioned space is vapor retardant located outside the insulation, all penetrations and joints of which shall be sealed.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.1.3 [ME81] ²	Additional insulation with vapor barrier is provided where the minimum duct insulation requirements of Section C403.2.9.1.1 are determined to be insufficient to prevent condensation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.13 [ME71] ²	Unenclosed spaces that are heated use only radiant heat.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.3 [ME55] ²	HVAC equipment efficiency verified.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Mechanical Systems list for values.</i>
C403.2.9.3 [ME10] ²	Ducts, air handlers, filter boxes, building cavities, mechanical closets and enclosed support platforms that form the primary air containment passageways for air distribution systems are sealed in accordance with the applicable criteria of this section and Table C403.2.9.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.4 [ME78] ²	Cavities in framed spaces are not used to deliver air from or return air to the conditioning system unless they contain an air duct insert which is insulated in accordance with Section C403.2.9.1 and constructed and sealed in accordance with the requirements of Section C403.2.9.2 appropriate for the duct materials used.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.5 [ME76] ²	Air distribution systems are sized and designed in accordance with recognized engineering standards. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.9.6 [ME77] ²	Air-handling units not installed in attics of commercial buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.2.1 [ME53] ³	Air system balancing accomplished in a manner to first minimize throttling losses, then for fans with fan system power greater than 1 hp, fan speeds shall be adjusted to meet design flow conditions. Balancing procedures shall be in accordance with NEBB Procedural Standards, the AABC, National Standards, or equivalent procedures.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.6.1 [ME59] ¹	Demand control ventilation provided for spaces >500 ft ² and >25 people/1000 ft ² occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.6.2 [ME115] ³	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.7 [ME57] ¹	Exhaust air energy recovery on systems meeting Table C403.2.7(1) and C403.2.7(2).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.8 [ME116] ³	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.4.4.6 [ME110] ³	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
C408.2.2.1 [ME53] ³	Air outlets and zone terminal devices have means for air balancing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.5, C403.5.1, C403.5.2 [ME123] ³	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2..	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] ¹	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1 [EL18] ¹	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1, C405.2.2. 3 [EL23] ²	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2. 1 [EL22] ²	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3 [EL16] ²	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3, C405.2.3. 1, C405.2.3. 2 [EL20] ¹	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.3, C405.2.3. 1, C405.2.3. 3 [EL21] ¹	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL4] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.4 [EL8] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.5 [EL25] ^{null}	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, set based on business operation time-of-day, or reduce connected lighting > 30%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.3 [EL6] ¹	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Insulation Inspection	Complies?	Comments/Assumptions
C303.1 [IN3] ¹	Roof insulation installed per manufacturer's instructions. Blown or poured loose-fill insulation is installed only where the roof slope is ≤ 3 in 12.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.1 [IN10] ²	Building envelope insulation is labeled with R-value or insulation certificate providing R-value and other relevant data.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2 [IN7] ¹	Above-grade wall insulation installed per manufacturer's instructions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2, C402.2.4 [IN9] ²	Floor insulation installed per manufacturer's instructions. Cavity or structural slab insulation installed in permanent contact with underside of decking or structural slabs.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.2.1 [IN14] ²	Exterior insulation is protected from damage with a protective material. Verification for exposed foundation insulation may need to occur during Foundation Inspection.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.2.1 [IN17] ³	Insulation intended to meet the roof insulation requirements cannot be installed on top of a suspended ceiling. Mark this requirement compliant if insulation is installed accordingly.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C104 [IN6] ¹	Installed above-grade wall insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Envelope Assemblies table for values.</i>
C104 [IN8] ²	Installed floor insulation type and R-value consistent with insulation specifications reported in plans and COMcheck reports.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Envelope Assemblies table for values.</i>
C402.2.6 [IN18] ³	Radiant panels and associated components, designed for heat transfer from the panel surfaces to the occupants or indoor space are insulated with a minimum of R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.3 [IN5] ³	High-albedo roofs satisfy one of the following: 3-year-aged solar reflectance ≥ 0.55 and thermal emittance ≥ 0.75 or 3-year-aged solar reflectance index ≥ 64.0 .	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.1.1 [IN1] ¹	All sources of air leakage in the building thermal envelope are sealed, caulked, gasketed, weather stripped or wrapped with moisture vapor-permeable wrapping material to minimize air leakage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C303.3, C408.2.5.3 [FI8] ³	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.2.4 [FI56] ³	Minimum one humidity control device per installed humidification/dehumidification system. Controls prevent simultaneous operation of humidification and dehumidification equipment.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.3 [FI51] ³	Where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening are located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms are sealed and insulated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.6 [FI37] ¹	Weatherseals installed on all loading dock cargo doors.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C402.5.8 [FI26] ³	Recessed luminaires in thermal envelope to limit infiltration and be IC rated and labeled. Seal between interior finish and luminaire housing.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.1 [FI50] ³	HVAC systems and equipment design loads calculated in accordance with ANSI/ASHRAE/ACCA Standard 183 or ACCA Manual N or by an approved equivalent computational procedure. Design loads shall be attached to the code compliance form submitted to the building department when the building is permitted or, in the event the mechanical permit is obtained at a later time, the sizing calculation shall be submitted with the application for the mechanical permit.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.2 [FI27] ³	HVAC systems and equipment capacity does not exceed calculated loads.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.1 [FI47] ³	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C403.2.4.1.2 [FI38] ³	Thermostatic controls have a 5 °F deadband.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.1.3 [FI20] ³	Temperature controls have setpoint overlap restrictions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.2 [FI39] ³	Each zone equipped with setback controls using automatic time clock or programmable control system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.12.2 [FI53] ³	Public lavatory facilities equipped with outlet devices which limit the flow of hot water to a maximum of 0.5 gpm or are equipped with self-closing valves that limit delivery to a per cycle maximum of 0.25 gallons of hot water for recirculating systems and to a maximum of 0.50 gallons for non-recirculating systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.12.2 [FI57] ³	Public lavatory water temperature <=110°F.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.12.1 [FI52] ³	Showers used for non-safety reasons equipped with flow control devices to limit the water discharge to a maximum of 2.5 gpm per shower head. Flow restricting inserts used as a component part of a showerhead are mechanically retained at the point of manufacture	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.2 [FI54] ³	Construction documents require that a written balance report be provided to the building owner or rep for HVAC systems serving zones with total condition area > 5,000 sqft. Air distribution systems shall be tested, adjusted, and balanced by a licensed engineer or certified company.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C403.2.4.2.1, C403.2.4.2.2 [FI40] ³	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.3 [FI11] ³	Heat traps installed on supply and discharge piping of non-circulating systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C404.4 [FI25] ²	All piping insulated in accordance with section details and Table C403.2.10.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C405.4.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
C405.5.1 [FI19] ¹	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Exterior Lighting fixture schedule for values.
C408.2.1 [FI28] ¹	Commissioning plan developed by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.3.1 [FI31] ¹	HVAC equipment has been tested to ensure proper operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.3.2 [FI10] ¹	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.4 [FI29] ¹	Preliminary commissioning report completed and certified by registered design professional or approved agency.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5.1 [FI7] ³	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5.1 [FI16] ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5.3 [FI43] ¹	An air and/or hydronic system balancing report is provided for HVAC systems.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5.4 [FI30] ¹	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

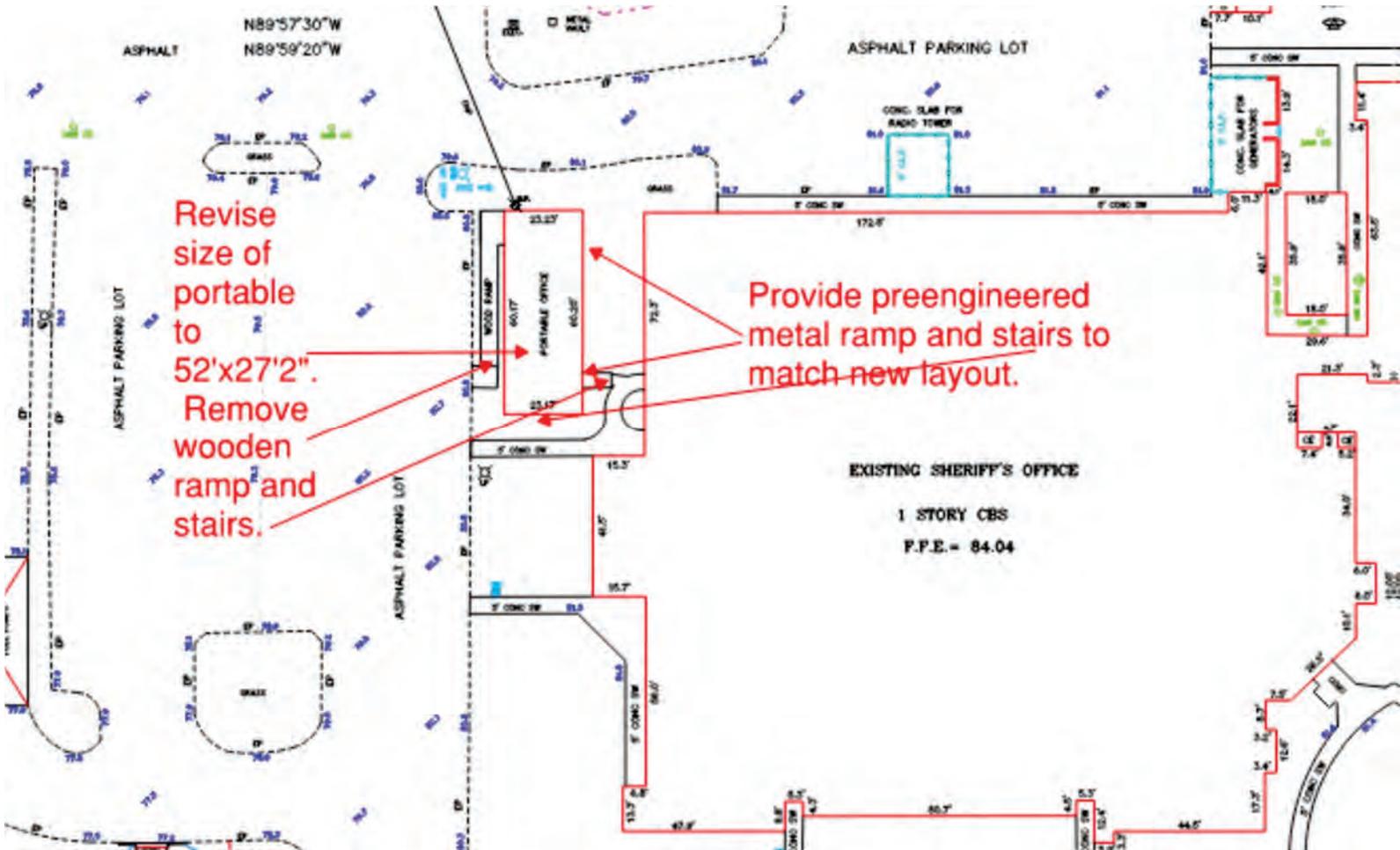
1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------



PROCUREMENT DEPARTMENT

15470 FLIGHT PATH DRIVE ♦ BROOKSVILLE, FLORIDA 34604
P 352.754.4020 ♦ F 352.754.4199 ♦ W www.HernandoCounty.us

EXHIBIT 1:





UPSIDE INNOVATIONS, LLC
RAMP AND STEP SYSTEM LAYOUT DRAWINGS

DRAWINGS PREPARED FOR VANGUARD MODULAR BUILDING SYSTEMS

3445 BOB HARTUNG CT
SPRING HILL, FL



GENERAL SPECIFICATIONS

DESIGN BASED ON ADA ACCESSIBILITY GUIDELINES (ADAAG) FOR RAMPS AND STEPS - SECTIONS 4.08 & 4.09 AND THE INTERNATIONAL BUILDING CODE (IBC) FOR RAMPS AND STAIRWAYS - SECTIONS 1009 - 1012

MATERIALS

1. ALL RAMP SECTIONS, PLATFORMS, STEPS, LEAS, AND GUARDRAILS ARE CONSTRUCTED OF MILL FINISH ALUMINUM EXTRUSIONS AND MILL FINISH ALUMINUM SHEET. EXTRUSIONS ARE EITHER 6061-T6, 6063-T52, OR 6005-T5 ALUMINUM ALLOY AND ALL ALUMINUM SHEET IS 5052-H32. POWDER COATING IN CUSTOM COLORS IS AVAILABLE UPON REQUEST.
2. WELDED ASSEMBLIES ARE FABRICATED IN ACCORDANCE WITH AWS WELDING STANDARD AWS D1.2/D1.2M:2003 - STRUCTURAL WELDING CODE FOR ALUMINUM.
3. ALL MECHANICAL FASTENERS ARE 18-8 STAINLESS STEEL. ALL ANCHORS AND LAG BOLTS ARE GALVANIZED STEEL.

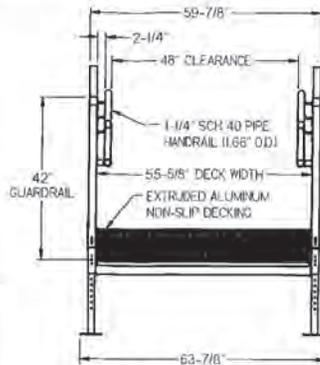
ENGINEERING

1. THE RAMP, STEP, AND PLATFORM SYSTEM IS DESIGNED TO BE A FREE STANDING STRUCTURE. ALL FOOTPLATES SHOULD BE FASTENED SECURELY TO A CONCRETE SURFACE OR 12" MINIMUM DIAMETER FOOTINGS IN ORDER TO ACHIEVE FULL STRUCTURAL INTEGRITY. FOOTING DEPTH WILL DEPEND ON LOCAL BUILDING CODE. FASTENING ALL PLATFORMS ADJACENT TO THE BUILDING OR MODULAR BUILDING WITH LAG SCREWS IS HIGHLY RECOMMENDED.
2. ALL WALKING SURFACES ARE DESIGNED TO CARRY A UNIFORM LIVE LOAD OF 100 POUNDS PER SQUARE FOOT AND A CONCENTRATED VERTICAL LOAD OF 500 POUNDS IN AN AREA OF ONE SQUARE FOOT.
3. ALL RAMP AND STEP HANDRAILS, AND RAMP, PLATFORM AND STEP GUARDRAILS ARE DESIGNED TO WITHSTAND A CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION ON THE TOP OF THE RAIL.
4. ALL BALUSTERS ARE DESIGNED TO WITHSTAND A LOAD OF 50 POUNDS IN THE HORIZONTAL DIRECTION APPLIED IN AN AREA OF ONE SQUARE FOOT.
5. ALL PLATFORM WALKING SURFACES ARE DESIGNED TO HAVE A COEFFICIENT OF FRICTION NO LESS THAN 0.50 IN ALL DIRECTIONS OF TRAVEL. ALL RAMP AND STEP WALKING SURFACES ARE DESIGNED TO HAVE A COEFFICIENT OF FRICTION NO LESS THAN 0.50 IN THE NORMAL DIRECTION OF TRAVEL.

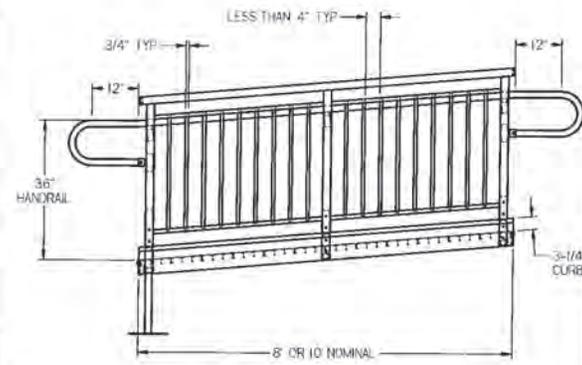
DIMENSIONAL CODE COMPLIANCE

1. ALL RAMP SECTIONS ARE DESIGNED TO ALLOW A MAXIMUM SLOPE OF 1/12 OR 1" OF RISE FOR EVERY 12" OF RUN. THE RAMP SYSTEM CAN BE ADJUSTED TO ACCOMMODATE A LESSER SLOPE OF 1/20 IF DESIRED.
2. RAMP LAYOUT DRAWINGS PROVIDED DO NOT ALLOW FOR ANY RAMP TO TRAVEL A DISTANCE OF 30 FEET (9.14M) VERTICALLY WITHOUT INCLUDING A RESTING PLATFORM. ALL RAMPS, STEPS, AND PLATFORMS SHOULD BE INSTALLED ACCORDING TO THE SUPPLIED DRAWINGS.
3. ALL RAMP SECTIONS AND STAIRS ARE DESIGNED TO ALLOW A CLEARANCE OF 48" BETWEEN HANDRAILS.
4. ALL PLATFORMS ARE DESIGNED TO BE WIDER THAN THE RAMP SECTION OR STEP LEADING UP TO THEM AND AT LEAST 60" LONG IN THE DIRECTION OF TRAVEL.
5. ALL PLATFORMS ARE DESIGNED TO ALLOW AT LEAST A 60" DIAMETER AREA OF CLEARANCE FREE OF OBSTRUCTIONS.
6. ALL GUARDRAILS WILL NOT ALLOW A 4" DIAMETER SPHERE TO PASS THROUGH IN ANY AREA.
7. RAMP AND PLATFORM GUARDRAILS ARE ALL DESIGNED TO BE 42" HIGH MEASURED VERTICALLY FROM THE WALKING SURFACE TO THE TOP OF THE RAIL. STEPS OVER 30" HIGH ARE ALSO DESIGNED TO HAVE A 42" GUARDRAIL MEASURED FROM THE TOP OF THE STEP NOSING TO THE TOP OF THE RAIL.
8. GUARDRAILS AND HANDRAILS ARE PROVIDED ON BOTH SIDES OF ALL RAMPS AND STEPS.
9. ALL RAMP AND STEP HANDRAILS ARE DESIGNED TO BE CONTINUOUS ALONG RAMP FLORS AND IN BETWEEN THE INSIDE CORNER OF 90° AND 180° TURNS IN RAMP DIRECTIONS. HANDRAILS ARE NOT INTERRUPTED BY POSTS OR OTHER OBSTRUCTIONS.
10. ALL HANDRAILS HAVE A CLEARANCE OF 2-1/4" BETWEEN THE HANDRAIL AND POST. HANDRAILS ARE CONSTRUCTED OF 1-1/4" SCH 40 PIPE WITH AN OUTSIDE DIAMETER OF 1.66".
11. RAMP HANDRAILS ARE DESIGNED TO BE 36" HIGH MEASURED VERTICALLY FROM THE WALKING SURFACE TO THE TOP OF THE RAIL. RAMP HANDRAILS EXTEND 12" PAST THE END OF THE SLOPE PARALLEL TO THE GROUND SURFACE AND RETURN TO THE CLOSEST RAIL, POST OR WALL IF NEEDED DUE TO DOOR SWING INTERFERENCE AT THE TOP OF THE RAMP.
12. STEP HANDRAILS ARE DESIGNED TO BE 36" HIGH MEASURED VERTICALLY FROM THE TOP OF THE STEP NOSING TO THE TOP OF THE RAIL. STEP HANDRAILS EXTEND 12" PAST THE TOP STEP NOSING PARALLEL TO THE GROUND SURFACE AND RETURN TO THE CLOSEST RAIL, POST OR WALL IF NEEDED DUE TO DOOR SWING INTERFERENCE AT THE TOP OF THE STEP. STEP HANDRAILS ALSO EXTEND ONE TREAD WIDTH PAST THE BOTTOM STEP TREAD (11") AND RETURN TO THE CLOSEST RAIL, POST.
13. ALL RAMP SECTIONS ARE DESIGNED TO INCORPORATE A 3-1/4" HIGH CURB ADJACENT TO THE WALKING SURFACE ON BOTH SIDES.
14. ALL STEP TREADS ARE DESIGNED TO HAVE A UNIFORM DEPTH OF 12" WITH A 1" NOSING FOR AN EFFECTIVE RUN OF 11" PER STEP. ALL STEP TREADS ARE ALSO DESIGNED TO HAVE A UNIFORM HEIGHT OF EITHER 6-1/2" OR 7" DEPENDING ON THE OVERALL HEIGHT OF THE STEP ASSEMBLY. ALL STEP RISERS ARE CLOSED IN BETWEEN TREADS.
15. ALL STEP NOSINGS HAVE A UNIFORM RADIUS OF 1/4" AND AN INSIDE ANGLE OF 60° FROM THE HORIZONTAL.

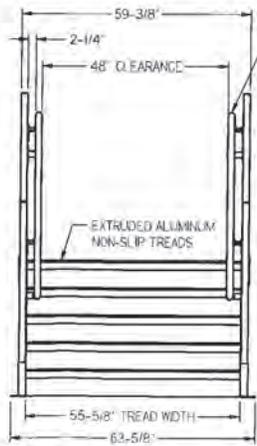
STANDARD 42" BALUSTER GUARDRAILS WITH 36" SINGLE HANDRAILS



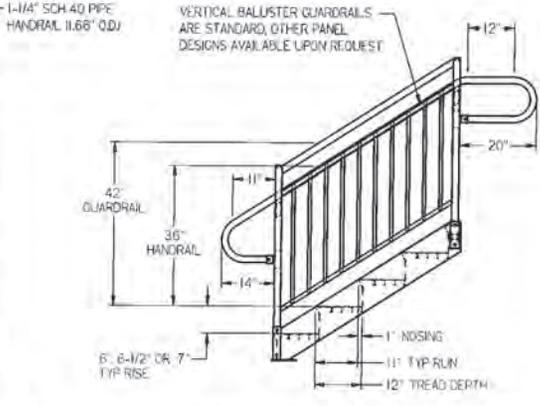
TYPICAL RAMP SECTION CRITICAL DIMENSIONS FRONT VIEW



TYPICAL RAMP SECTION CRITICAL DIMENSIONS SIDE VIEW



TYPICAL STEP RISER WITH 42" GUARDRAIL CRITICAL DIMENSIONS FRONT VIEW



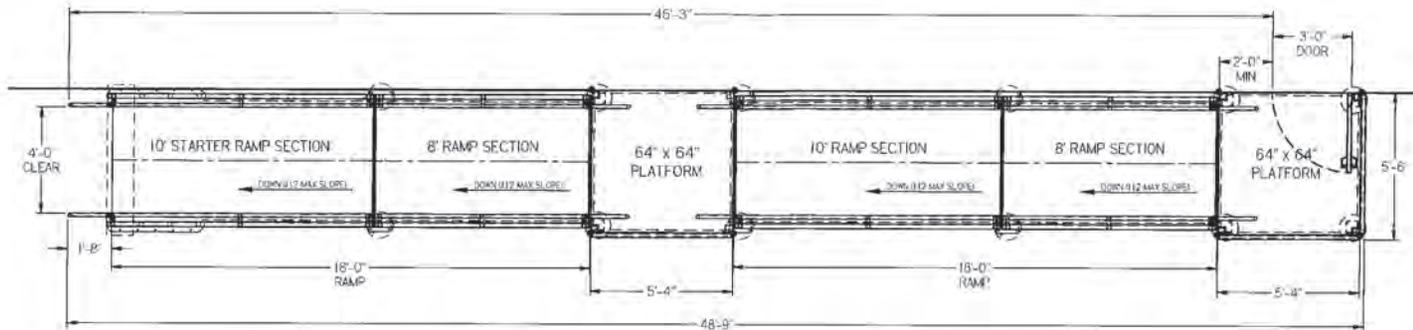
TYPICAL STEP RISER WITH 42" GUARDRAIL CRITICAL DIMENSIONS SIDE VIEW

2020 FL BUILDERS CODE
WIND SPEED - 140mph, Exp. B Seismic Design
Category - A

Kevin M. Finn P.E., Inc.
815 Waterbury Park Drive
Elkhart, IN 46517
FL Lic. # 41622
FL COA# 29887

DATE: 1/20/20	PROJECT: 2019-0001	SCALE: AS SHOWN	DATE: 1/20/20	PROJECT: 2019-0001	SCALE: AS SHOWN
UPSIDE INNOVATIONS, LLC CINCINNATI, OHIO WWW.UPSIDEINNOVATIONS.COM PHONE: 513.854.1100 FAX: 513.854.1101		VANGUARD MODULAR BUILDING SYSTEMS 3445 BOB HARTUNG CT SPRING HILL, FL 34464		ALL DIMENSIONS UNLESS NOTED OTHERWISE ARE IN INCHES UNLESS NOTED OTHERWISE. UNLESS OTHERWISE NOTED, DIMENSIONS ARE TO FACE UNLESS NOTED OTHERWISE. DIMENSIONS TO FACE UNLESS NOTED OTHERWISE.	
TITLE: RAMP AND STEP SYSTEM LAYOUT DRAWINGS SHEET: C		DATE: 1/20/20 PROJECT: 2019-0001 SCALE: AS SHOWN		DATE: 1/20/20 PROJECT: 2019-0001 SCALE: AS SHOWN	

36' RAMP WITH (2) 64" X 64" PLATFORMS



SITE EVALUATION CHECKLIST

ELEVATION MEASUREMENTS

- AT THRESHOLD PLATFORM
- AT BASE OF RAMP
- AT BASE OF STEP

BUILDING SIDING TYPE

DOOR WIDTHS _____
 MARK DIMENSION BETWEEN DOORS ON DRAWING IF APPLICABLE!

INSTALLATION SURFACE

- CONCRETE SLAB
- CONCRETE FOOTERS
- ASPHALT
- CONCRETE PAVERS
- ABS PADS
- WOOD
- OTHER _____

BUILDING SIZES

PLEASE MARK ANY OBSTRUCTIONS ON THIS DRAWING.
 (TREES, ICE MACHINES, A/C UNITS, ELECTRICAL PANELS, ETC.)

THE ITEMS LISTED MUST BE EVALUATED BY THE SITE MANAGER AND RETURNED TO UPSIDE INNOVATIONS BEFORE ANY PRODUCT WILL BE SHIPPED. IF ANY INFORMATION CONTAINED WITHIN THE SITE EVALUATION IS INCORRECT RESULTING IN THE NEED FOR ADDITIONAL MATERIAL, INSTALLATION AND/OR TRAVEL TIME, THE CUSTOMER WILL BE BILLED ACCORDINGLY.

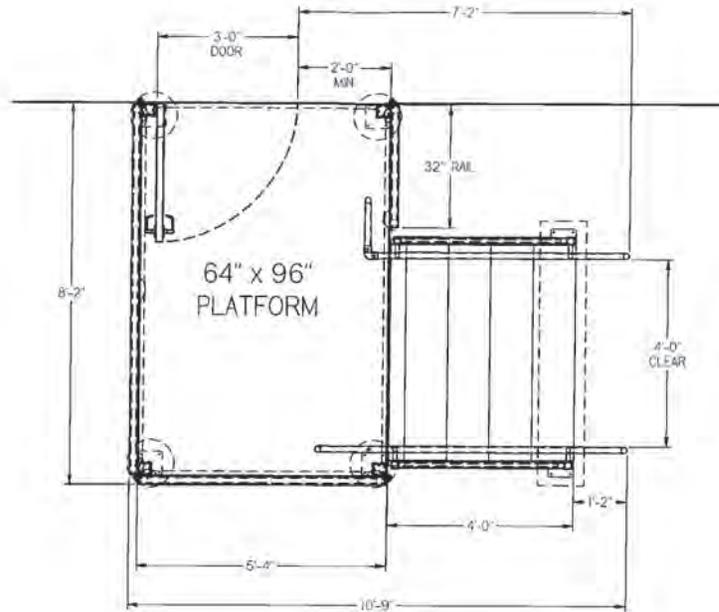
GROUND ANCHORING REQUIREMENT

- CONCRETE ANCHORS
- HURRICANE STRAPS
- NONE (PLATFORM LAG BOLTED TO BUILDING ONLY)

SIGNATURE _____ DATE _____

DATE: 1/25/21	PROJECT: UPSIDE INNOVATIONS	CLIENT: UPSIDE INNOVATIONS	LOCATION: CINCINNATI, OHIO
DESIGNER: KEVIN M. FINN	CHECKED: KEVIN M. FINN	DATE: 1/25/21	SCALE: AS SHOWN
I, KEVIN M. FINN , LICENSE NO. 41622, STATE OF FLORIDA, PROFESSIONAL ENGINEER, HEREBY CERTIFY THAT I AM THE DESIGNER OF THE ABOVE DRAWING.			
I HAVE REVIEWED THIS DRAWING AND I AM AWARE OF THE CONTENTS AND I AM NOT PROVIDING ANY OTHER INFORMATION.		I HAVE REVIEWED THIS DRAWING AND I AM AWARE OF THE CONTENTS AND I AM NOT PROVIDING ANY OTHER INFORMATION.	
SIGNATURE: KEVIN M. FINN		DATE: 1/25/21	

35" STEP RISER WITH (1) 64" X 96" PLATFORM



SITE EVALUATION CHECKLIST

ELEVATION MEASUREMENTS: _____ AT THRESHOLD PLATFORM
 _____ AT BASE OF RAMP
 _____ AT BASE OF STEP

INSTALLATION SURFACE
 CONCRETE SLAB ABS PADS
 CONCRETE FOOTERS WOOD
 ASPHALT OTHER
 CONCRETE PAVERS

GROUND ANCHORING REQUIREMENT
 CONCRETE ANCHORS
 HURRICANE STRAPS
 NONE (PLATFORM LAG BOLTED TO BUILDING ONLY)

BUILDING SIDING TYPE _____
 DOOR WIDTHS _____
 MARK DIMENSION BETWEEN DOORS ON DRAWING IF APPLICABLE
 BUILDING SIZES _____

PLEASE MARK ANY OBSTRUCTIONS ON THIS DRAWING
 (TREES, ICE MACHINES, A/C UNITS, ELECTRICAL PANELS, ETC.)

THE ITEMS LISTED MUST BE EVALUATED BY THE SITE MANAGER AND RETURNED TO UPSIDE INNOVATIONS BEFORE ANY PRODUCT WILL BE SHIPPED. IF ANY INFORMATION CONTAINED WITHIN THE SITE EVALUATION IS INCORRECT RESULTING IN THE NEED FOR ADDITIONAL MATERIAL, INSTALLATION AND/OR TRAVEL TIME, THE CUSTOMER WILL BE BILLED ACCORDINGLY.

SIGNATURE _____ DATE _____



DATE: 1/25/24	UPSIDE INNOVATIONS	PROJECT NO: 24001	REVISED: 01/25/24
BY: E. J. J.	ENGINEER: D. H. D.	DATE: 01/25/24	PROJECT: 24001
APP: 401	DATE: 01/25/24	DATE: 01/25/24	PROJECT: 24001
PROJECT: 24001	DATE: 01/25/24	DATE: 01/25/24	PROJECT: 24001
DATE: 01/25/24	DATE: 01/25/24	DATE: 01/25/24	PROJECT: 24001

UPSIDE

UPSIDE INNOVATIONS, LLC
RAMP AND STEP SYSTEM LAYOUT DRAWINGS

DRAWINGS PREPARED FOR: VANGUARD MODULAR BUILDING SYSTEMS

3445 BOB HARTUNG CT
SPRING HILL, FL



GENERAL SPECIFICATIONS

DESIGN BASED ON ADA ACCESSIBILITY GUIDELINES (ADAG) FOR RAMPS AND STEPS - SECTIONS 4.8 & 4.9 AND THE INTERNATIONAL BUILDING CODE (IBC) FOR RAMPS AND STAIRWAYS - SECTIONS 1009 - 1012

MATERIALS

- ALL RAMP SECTIONS, PLATFORMS, STEPS, LEIS, AND GUARDRAILS ARE CONSTRUCTED OF MILL FINISH ALUMINUM EXTRUSIONS AND MILL FINISH ALUMINUM SHEET. EXTRUSIONS ARE EITHER 6061-T6, 6063-T52, OR 6005-T5 ALUMINUM ALLOY AND ALL ALUMINUM SHEET IS 5052-H32. POWDER COATING IN CUSTOM COLORS IS AVAILABLE UPON REQUEST.
- WELDED ASSEMBLIES ARE FABRICATED IN ACCORDANCE WITH AWS WELDING STANDARD AWS D1.1/D1.1M:2003 - STRUCTURAL WELDING CODE FOR ALUMINUM.
- ALL MECHANICAL FASTENERS ARE 18-8 STAINLESS STEEL. ALL ANCHORS AND LAG BOLTS ARE GALVANIZED STEEL.

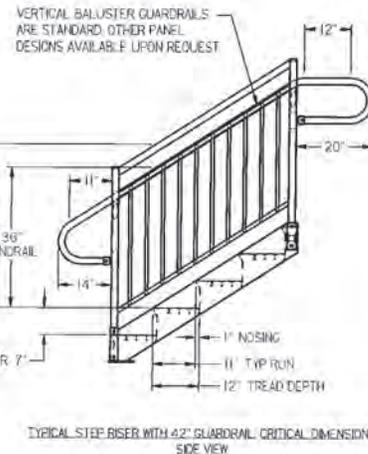
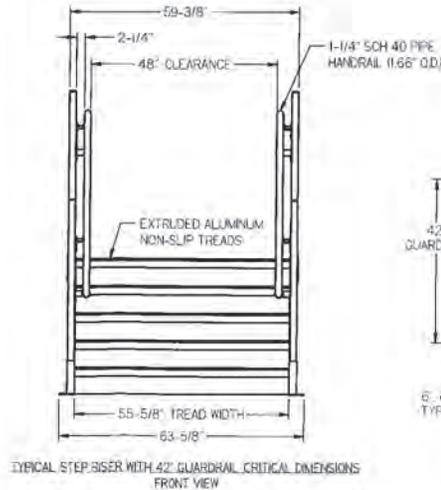
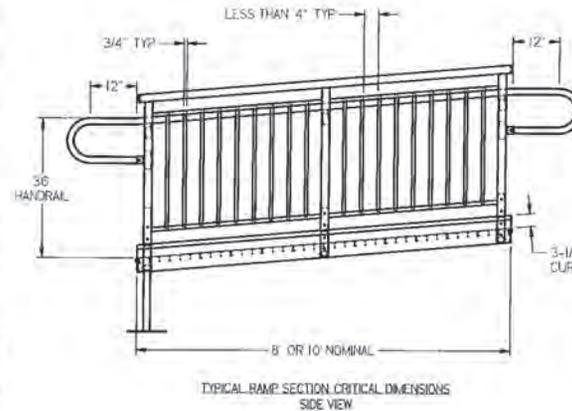
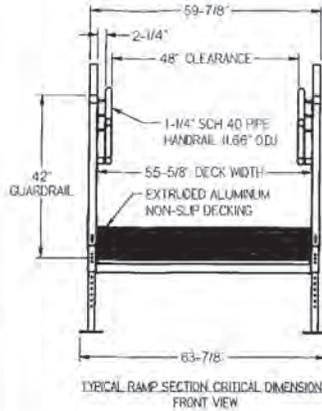
ENGINEERING

- THE RAMP, STEP, AND PLATFORM SYSTEM IS DESIGNED TO BE A RIGID, FREE STANDING STRUCTURE. ALL FOOTPLATS SHOULD BE FASTENED SECURELY TO A CONCRETE SURFACE OR 12" MINIMUM DIAMETER FOOTINGS IN ORDER TO ACHIEVE FULL STRUCTURAL INTEGRITY. FOOTING DEPTH WILL DEPEND ON LOCAL BUILDING CODE. FASTENING ALL PLATFORMS ADJACENT TO THE BUILDING OR MODULAR BUILDING WITH LAG SCREWS IS HIGHLY RECOMMENDED.
- ALL WALKING SURFACES ARE DESIGNED TO CARRY A UNIFORM LIVE LOAD OF 100 POUNDS PER SQUARE FOOT AND A CONCENTRATED VERTICAL LOAD OF 300 POUNDS IN AN AREA OF ONE SQUARE FOOT.
- ALL RAMP AND STEP HANDRAILS, AND RAMP, PLATFORM AND STEP GUARDRAILS ARE DESIGNED TO WITHSTAND A CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION ON THE TOP OF THE RAIL.
- ALL BALUSTERS ARE DESIGNED TO WITHSTAND A LOAD OF 50 POUNDS IN THE HORIZONTAL DIRECTION APPLIED IN AN AREA OF ONE SQUARE FOOT.
- ALL PLATFORM WALKING SURFACES ARE DESIGNED TO HAVE A COEFFICIENT OF FRICTION NO LESS THAN 0.50 IN ALL DIRECTIONS OF TRAVEL. ALL RAMP AND STEP WALKING SURFACES ARE DESIGNED TO HAVE A COEFFICIENT OF FRICTION NO LESS THAN 0.50 IN THE NORMAL DIRECTION OF TRAVEL.

DIMENSIONAL CODE COMPLIANCE

- ALL RAMP SECTIONS ARE DESIGNED TO ALLOW A MAXIMUM SLOPE OF 1:12 OR 1% OF RISE FOR EVERY 12" OF RUN. THE RAMP SYSTEM CAN BE ADJUSTED TO ACCOMMODATE A LESSER SLOPE OF 1:20 IF DESIRED.
- RAMP LAYOUT DRAWINGS PROVIDED DO NOT ALLOW FOR ANY RAMP TO TRAVEL A DISTANCE OF 30 FEET (30' VERTICALLY) WITHOUT INCLUDING A RESTING PLATFORM. ALL RAMPS, STEPS, AND PLATFORMS SHOULD BE INSTALLED ACCORDING TO THE SUPPLIED DRAWINGS.
- ALL RAMP SECTIONS AND STAIRS ARE DESIGNED TO ALLOW A CLEARANCE OF 48" BETWEEN HANDRAILS.
- ALL PLATFORMS ARE DESIGNED TO BE WIDER THAN THE RAMP SECTION OR STEP LEADING UP TO THEM AND AT LEAST 60" LONG IN THE DIRECTION OF TRAVEL.
- ALL PLATFORMS ARE DESIGNED TO ALLOW AT LEAST A 60" DIAMETER AREA OF CLEARANCE FREE OF OBSTRUCTIONS.
- ALL GUARDRAILS WILL NOT ALLOW A 4" DIAMETER SPHERE TO PASS THROUGH IN ANY AREA.
- RAMP AND PLATFORM GUARDRAILS ARE ALL DESIGNED TO BE 42" HIGH MEASURED VERTICALLY FROM THE WALKING SURFACE TO THE TOP OF THE RAIL. STEPS OVER 30" HIGH ARE ALSO DESIGNED TO HAVE A 42" GUARDRAIL MEASURED FROM THE TOP OF THE STEP NOSING TO THE TOP OF THE RAIL.
- GUARDRAILS AND HANDRAILS ARE PROVIDED ON BOTH SIDES OF ALL RAMPS AND STEPS.
- ALL RAMP AND STEP HANDRAILS ARE DESIGNED TO BE CONTINUOUS ALONG RAMP RUNS AND IN BETWEEN THE INSIDE CORNER OF 90° AND 180° TURNS IN RAMP DIRECTIONS. HANDRAILS ARE NOT INTERRUPTED BY POSTS OR OTHER OBSTRUCTIONS.
- ALL HANDRAILS HAVE A CLEARANCE OF 3-1/4" BETWEEN THE HANDRAIL AND POST. HANDRAILS ARE CONSTRUCTED OF 1-1/4" SCH 40 PIPE WITH AN OUTSIDE DIAMETER OF 1.66".
- RAMP HANDRAILS ARE DESIGNED TO BE 36" HIGH MEASURED VERTICALLY FROM THE WALKING SURFACE TO THE TOP OF THE RAIL. RAMP HANDRAILS EXTEND 12" PAST THE END OF THE SLOPE PARALLEL TO THE GROUND SURFACE AND RETURN TO THE CLOSEST RAIL, POST OR WALL IF NEEDED DUE TO DOOR SWING INTERFERENCE AT THE TOP OF THE RAMP.
- STEP HANDRAILS ARE DESIGNED TO BE 36" HIGH MEASURED VERTICALLY FROM THE TIP OF THE STEP NOSING TO THE TOP OF THE RAIL. STEP HANDRAILS EXTEND 12" PAST THE TIP STEP NOSING PARALLEL TO THE GROUND SURFACE AND RETURN TO THE CLOSEST RAIL, POST OR WALL IF NEEDED DUE TO DOOR SWING INTERFERENCE AT THE TOP OF THE STEP. STEP HANDRAILS ALSO EXTEND ONE TREAD WIDTH PAST THE BOTTOM STEP TREAD (BT) AND RETURN TO THE CLOSEST RAIL, POST.
- ALL RAMP SECTIONS ARE DESIGNED TO ACCOMMODATE A 3-1/4" HIGH CURB ADJACENT TO THE WALKING SURFACE ON BOTH SIDES.
- ALL STEP TREADS ARE DESIGNED TO HAVE A UNIFORM DEPTH OF 12" WITH A 1" NOSING FOR AN EFFECTIVE RUN OF 11" PER STEP. ALL STEP TREADS ARE ALSO DESIGNED TO HAVE A UNIFORM HEIGHT OF EITHER 6" OR 7" DEPENDING ON THE OVERALL HEIGHT OF THE STEP ASSEMBLY. ALL STEP RISERS ARE CLOSED IN BETWEEN TREADS.
- ALL STEP NOSINGS HAVE A UNIFORM RADIUS OF 1/4" AND AN UNDERSIDE ANGLE OF 60° FROM THE HORIZONTAL.

STANDARD 42" BALUSTER GUARDRAILS WITH 36" SINGLE HANDRAILS

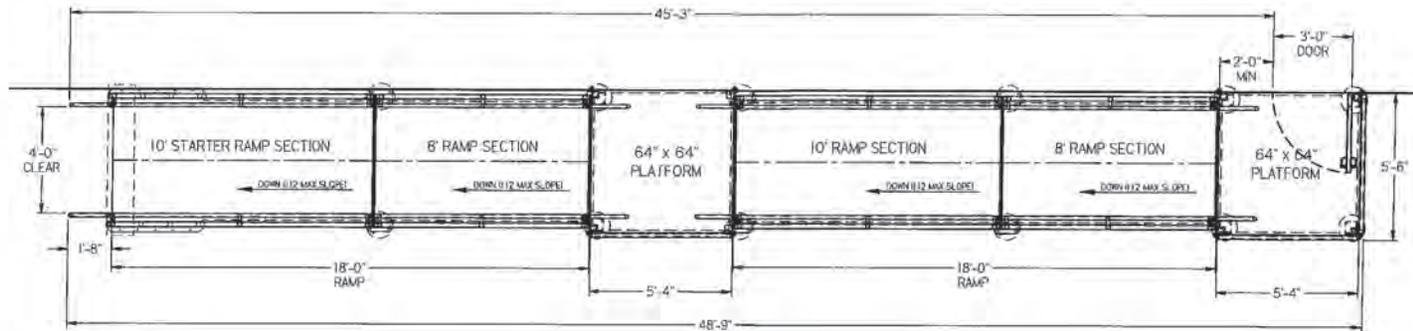


2020 FL Building CODE
WIND SPEED - 140mph, Exp. B Seismic Design
Category - A

Kevin M. Finn P.E., Inc.
815 Waterbury Park Drive
Elkhart, IN 46517
FL Lic. # 41622
FL CO# 29887

DATE: 11/20/2023	PROJECT: 23-001	CLIENT: VANGUARD MODULAR BUILDING SYSTEMS	SCALE: 1/8" = 1'-0"	DATE: 11/20/2023	PROJECT: 23-001	CLIENT: VANGUARD MODULAR BUILDING SYSTEMS	SCALE: 1/8" = 1'-0"
UPSIDE INNOVATIONS, LLC 3445 BOB HARTUNG CT SPRING HILL, FL 34489 (813) 417-1111 www.upsideinnovations.com				ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES AND DECIMALS THEREOF. DIMENSIONS IN PARENTHESIS ARE FOR INFORMATION ONLY. DIMENSIONS IN FEET AND INCHES ARE TO BE USED UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN METERS AND MILLIMETERS ARE TO BE USED UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN METERS AND MILLIMETERS ARE TO BE USED UNLESS OTHERWISE SPECIFIED.			
DESIGNER: KEVIN M. FINN	CHECKER: KEVIN M. FINN	DATE: 11/20/2023	PROJECT: 23-001	CLIENT: VANGUARD MODULAR BUILDING SYSTEMS	SCALE: 1/8" = 1'-0"	DATE: 11/20/2023	PROJECT: 23-001
DATE: 11/20/2023	PROJECT: 23-001	CLIENT: VANGUARD MODULAR BUILDING SYSTEMS	SCALE: 1/8" = 1'-0"	DATE: 11/20/2023	PROJECT: 23-001	CLIENT: VANGUARD MODULAR BUILDING SYSTEMS	SCALE: 1/8" = 1'-0"

36' RAMP WITH (2) 64" X 64" PLATFORMS



SITE EVALUATION CHECKLIST

ELEVATION MEASUREMENTS _____ AT THRESHOLD PLATFORM
 _____ AT BASE OF RAMP
 _____ AT BASE OF STEP

INSTALLATION SURFACE CONCRETE SLAB ABS PADS
 CONCRETE FOOTERS WOOD
 ASPHALT OTHER
 CONCRETE PAVERS _____

GROUND ANCHORING REQUIREMENT CONCRETE ANCHORS
 HURRICANE STRAPS
 NONE (PLATFORM LAG BOLTED TO BUILDING ONLY)

BUILDING SIDING TYPE _____
 DOOR WIDTHS: _____
 MARK DIMENSION BETWEEN DOORS (ON DRAWING IF APPLICABLE)

BUILDING SIZES _____
 PLEASE MARK ANY OBSTRUCTIONS ON THIS DRAWING.
 (TREES, ICE MACHINES, A/C UNITS, ELECTRICAL PANELS, ETC)

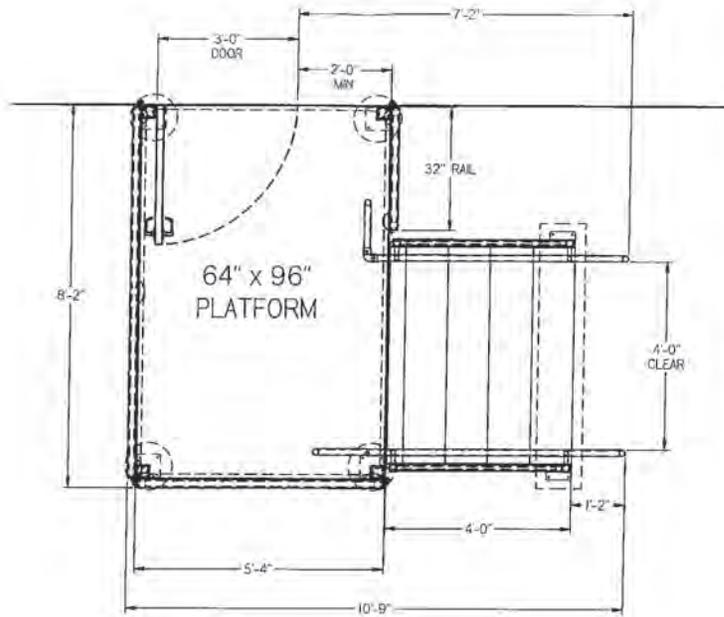
THE ITEMS LISTED MUST BE EVALUATED BY THE SITE MANAGER AND RETURNED TO UPSIDE INNOVATIONS BEFORE ANY PRODUCT WILL BE SHIPPED. IF ANY INFORMATION CONTAINED WITHIN THE SITE EVALUATION IS INCORRECT RESULTING IN THE NEED FOR ADDITIONAL MATERIAL, INSTALLATION AND/OR TRAVEL TIME, THE CUSTOMER WILL BE BILLED ACCORDINGLY.

SIGNATURE _____ DATE _____



Doc. # 17635	UPSIDE INNOVATIONS	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	DATE 11/15/2023
Proj. # 86120		NO. OF SHEETS 1	SHEET # 1
Client CHICKEN HILL, OHIO	Scale 1/8" = 1'-0"	Project Name	Project No.
Drawn by KLF	Checked by	Project Location	Project Description
Project VINGUARD MODULAR BUILDING SYSTEM - SPRING HILL, FL	Rev. C		

THESE DOCUMENTS ARE THE PROPERTY OF UPSIDE INNOVATIONS AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, WITHOUT WRITTEN PERMISSION FROM UPSIDE INNOVATIONS. SHEET # 01



SITE EVALUATION CHECKLIST

ELEVATION MEASUREMENTS _____ AT THRESHOLD PLATFORM
 _____ AT BASE OF RAMP
 _____ AT BASE OF STEP

INSTALLATION SURFACE CONCRETE SLAB ABS PADS
 CONCRETE FOOTERS WOOD
 ASPHALT OTHER _____
 CONCRETE PAVERS _____

GROUND ANCHORING REQUIREMENT CONCRETE ANCHORS
 HURRICANE STRAPS
 NONE (PLATFORM LAG BOLTED TO BUILDING ONLY)

BUILDING SIDING TYPE _____

DOOR WIDTHS _____
 MARK DIMENSION BETWEEN DOORS ON DRAWING IF APPLICABLE

BUILDING SIZES _____

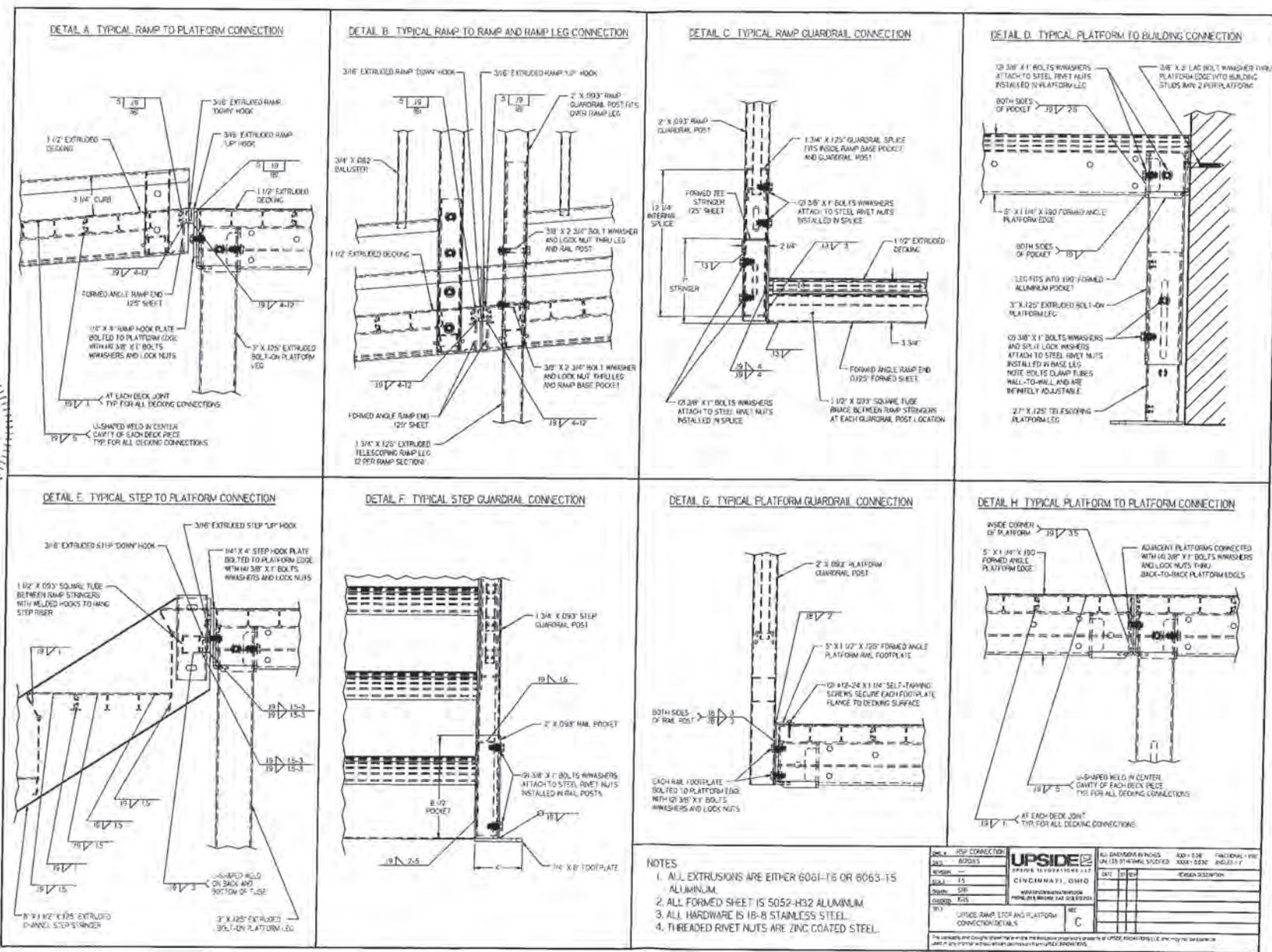
PLEASE MARK ANY OBSTRUCTIONS ON THIS DRAWING.
 (TREES, ICE MACHINES, A/C UNITS, ELECTRICAL PANELS, ETC.)

THE ITEMS LISTED MUST BE EVALUATED BY THE SITE MANAGER AND RETURNED TO UPSIDE INNOVATIONS BEFORE ANY PRODUCT WILL BE SHIPPED. IF ANY INFORMATION CONTAINED WITHIN THE SITE EVALUATION IS INCORRECT RESULTING IN THE NEED FOR ADDITIONAL MATERIAL, INSTALLATION AND/OR TRAVEL TIME, THE CUSTOMER WILL BE BILLED ACCORDINGLY.

SIGNATURE _____ DATE _____



DATE: 1/25/20	UPSIDE INNOVATIONS	ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED	3001 US HWY 1906A SUITE 100
JOB: 012721	UPSIDE INNOVATIONS		MIAMI, FL 33155
PROJECT: 0	UPSIDE INNOVATIONS		
CLIENT: T330	UPSIDE INNOVATIONS		
DESIGN: KAT	UPSIDE INNOVATIONS		
ISSUE: 01	UPSIDE INNOVATIONS		
REV: 1	UPSIDE INNOVATIONS		
REV: 2	UPSIDE INNOVATIONS		
REV: 3	UPSIDE INNOVATIONS		
REV: 4	UPSIDE INNOVATIONS		
REV: 5	UPSIDE INNOVATIONS		
REV: 6	UPSIDE INNOVATIONS		
REV: 7	UPSIDE INNOVATIONS		
REV: 8	UPSIDE INNOVATIONS		
REV: 9	UPSIDE INNOVATIONS		
REV: 10	UPSIDE INNOVATIONS		
REV: 11	UPSIDE INNOVATIONS		
REV: 12	UPSIDE INNOVATIONS		
REV: 13	UPSIDE INNOVATIONS		
REV: 14	UPSIDE INNOVATIONS		
REV: 15	UPSIDE INNOVATIONS		
REV: 16	UPSIDE INNOVATIONS		
REV: 17	UPSIDE INNOVATIONS		
REV: 18	UPSIDE INNOVATIONS		
REV: 19	UPSIDE INNOVATIONS		
REV: 20	UPSIDE INNOVATIONS		
REV: 21	UPSIDE INNOVATIONS		
REV: 22	UPSIDE INNOVATIONS		
REV: 23	UPSIDE INNOVATIONS		
REV: 24	UPSIDE INNOVATIONS		
REV: 25	UPSIDE INNOVATIONS		
REV: 26	UPSIDE INNOVATIONS		
REV: 27	UPSIDE INNOVATIONS		
REV: 28	UPSIDE INNOVATIONS		
REV: 29	UPSIDE INNOVATIONS		
REV: 30	UPSIDE INNOVATIONS		
REV: 31	UPSIDE INNOVATIONS		
REV: 32	UPSIDE INNOVATIONS		
REV: 33	UPSIDE INNOVATIONS		
REV: 34	UPSIDE INNOVATIONS		
REV: 35	UPSIDE INNOVATIONS		
REV: 36	UPSIDE INNOVATIONS		
REV: 37	UPSIDE INNOVATIONS		
REV: 38	UPSIDE INNOVATIONS		
REV: 39	UPSIDE INNOVATIONS		
REV: 40	UPSIDE INNOVATIONS		
REV: 41	UPSIDE INNOVATIONS		
REV: 42	UPSIDE INNOVATIONS		
REV: 43	UPSIDE INNOVATIONS		
REV: 44	UPSIDE INNOVATIONS		
REV: 45	UPSIDE INNOVATIONS		
REV: 46	UPSIDE INNOVATIONS		
REV: 47	UPSIDE INNOVATIONS		
REV: 48	UPSIDE INNOVATIONS		
REV: 49	UPSIDE INNOVATIONS		
REV: 50	UPSIDE INNOVATIONS		
REV: 51	UPSIDE INNOVATIONS		
REV: 52	UPSIDE INNOVATIONS		
REV: 53	UPSIDE INNOVATIONS		
REV: 54	UPSIDE INNOVATIONS		
REV: 55	UPSIDE INNOVATIONS		
REV: 56	UPSIDE INNOVATIONS		
REV: 57	UPSIDE INNOVATIONS		
REV: 58	UPSIDE INNOVATIONS		
REV: 59	UPSIDE INNOVATIONS		
REV: 60	UPSIDE INNOVATIONS		
REV: 61	UPSIDE INNOVATIONS		
REV: 62	UPSIDE INNOVATIONS		
REV: 63	UPSIDE INNOVATIONS		
REV: 64	UPSIDE INNOVATIONS		
REV: 65	UPSIDE INNOVATIONS		
REV: 66	UPSIDE INNOVATIONS		
REV: 67	UPSIDE INNOVATIONS		
REV: 68	UPSIDE INNOVATIONS		
REV: 69	UPSIDE INNOVATIONS		
REV: 70	UPSIDE INNOVATIONS		
REV: 71	UPSIDE INNOVATIONS		
REV: 72	UPSIDE INNOVATIONS		
REV: 73	UPSIDE INNOVATIONS		
REV: 74	UPSIDE INNOVATIONS		
REV: 75	UPSIDE INNOVATIONS		
REV: 76	UPSIDE INNOVATIONS		
REV: 77	UPSIDE INNOVATIONS		
REV: 78	UPSIDE INNOVATIONS		
REV: 79	UPSIDE INNOVATIONS		
REV: 80	UPSIDE INNOVATIONS		
REV: 81	UPSIDE INNOVATIONS		
REV: 82	UPSIDE INNOVATIONS		
REV: 83	UPSIDE INNOVATIONS		
REV: 84	UPSIDE INNOVATIONS		
REV: 85	UPSIDE INNOVATIONS		
REV: 86	UPSIDE INNOVATIONS		
REV: 87	UPSIDE INNOVATIONS		
REV: 88	UPSIDE INNOVATIONS		
REV: 89	UPSIDE INNOVATIONS		
REV: 90	UPSIDE INNOVATIONS		
REV: 91	UPSIDE INNOVATIONS		
REV: 92	UPSIDE INNOVATIONS		
REV: 93	UPSIDE INNOVATIONS		
REV: 94	UPSIDE INNOVATIONS		
REV: 95	UPSIDE INNOVATIONS		
REV: 96	UPSIDE INNOVATIONS		
REV: 97	UPSIDE INNOVATIONS		
REV: 98	UPSIDE INNOVATIONS		
REV: 99	UPSIDE INNOVATIONS		
REV: 100	UPSIDE INNOVATIONS		



- NOTES**
1. ALL EXTRUSIONS ARE EITHER 6061-T6 OR 6063-T5 ALUMINUM.
 2. ALL FORMED SHEET IS 5052-H32 ALUMINUM.
 3. ALL HARDWARE IS 18-8 STAINLESS STEEL.
 4. THREADED RIVET NUTS ARE ZINC COATED STEEL.

CONNECTION	UPSIDE	ALL DIMENSIONS IN INCHES	UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
DESIGNER	UPSIDE	DATE	REV	DESCRIPTION
DRAWN	UPSIDE	DATE	REV	DESCRIPTION
CHECKED	UPSIDE	DATE	REV	DESCRIPTION
DATE	REV	DESCRIPTION		
UPSIDE RAMP, STEP AND PLATFORM CONNECTION DETAILS		C		

The copyright and design shall remain the exclusive property of UPSIDE RAMPING, LLC and may not be reproduced without the written permission of UPSIDE RAMPING, LLC.

Anti-Human Trafficking Affidavit

In compliance with Fla. Stat. § 787.06(13), this affidavit must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Hernando County or any of its subordinate units (the “Governmental Entity”).

1. My name is JOHN SEGGIE and I am over eighteen years of age. The following information is given from my own personal knowledge.
2. I am an officer or representative with Seggie Custom Builders, a non-governmental entity (the “Nongovernmental Entity”). I am authorized to provide this affidavit on behalf of Nongovernmental Entity.
3. Neither Nongovernmental Entity, nor any of its subsidiaries or affiliates, uses *coercion for labor or services*, as such italicized terms are defined in Fla. Stat. § 787.06, as it may be amended from time to time.
4. If, at any time in the future, Nongovernmental Entity does use coercion for labor or services, Nongovernmental Entity will immediately notify Governmental Entity and no contracts may be executed, renewed, or extended between the parties.
5. This declaration is made pursuant to Fla, Stat. § 92.525. I understand that making a false statement in this declaration may subject me to criminal penalties.

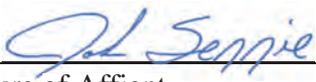
Under penalties of perjury, I John Seggie, declare that I have read the foregoing Anti-Human Trafficking Affidavit and that the facts stated in it are true.

FURTHER AFFIANT SAYETH NAUGHT.

Seggie Custom Builders LLC.
Name of Nongovernmental Entity

John Seggie
Printed Name of Affiant

President
Title of Affiant


Signature of Affiant

1/27/26
Date

Foreign Countries of Concern

Pursuant to 287.138 F.S., effective July 1, 2023, the County may not enter into contracts which grants the Vendor/Contractor access to personal identifiable information if: a) the Contractor is owned by the government of a Foreign Country of Concern (as defined by the statute); (b) the government of a Foreign Country of Concern has a controlling interest in the entity; or (c) the Contractor is organized under the law of or has its principal place of business in a Foreign Country of Concern.

Beginning July 1, 2025, a governmental entity is prohibited from extending or renewing a contract with an entity meeting the requirements of (a) to (c) above, if the contract would give such entity access to an individual's personal identifying information.

The Contracting with Entities of Foreign Countries of Concern Prohibited Affidavit Form ("Form") is required by Section 287.138, Florida Statutes ("F.S."), which is deemed as being expressly incorporated into this Form. The Affidavit must be completed by a person authorized to make this attestation on behalf of the Bidder's/Proposer's for the purpose of submitting a bid, proposal, quote, or other response, or otherwise entering into a contract with the County. The associated bid, proposal, quote, or other response will not be accepted unless and until this completed and executed Affidavit is submitted to the County.

Bidder's/Proposer's Legal Company Name: _____Seggie Custom Builders LLC._____ does not meet any of the criteria set forth in Paragraphs 2 (a) – (c) of Section 287.138, FS.

Pursuant to Section 92.525, F.S., under penalties of perjury, I declare that I have read the foregoing statement and that the facts stated in it are true.

Print Name of Bidder's/Proposer's Authorized Representative: _____John Seggie_____

Title of Bidder's/Proposer's Authorized Representative:
____President_____

Signature of Bidder's/Proposer's Authorized Representative: __________

Date: __1/27/26_____