

January 25, 2021

Mr. Thomas Campbell
Florida Department of Business and Professional Regulation
2601 Blair Stone Road, Building C
Tallahassee, Florida 32399-6563

**RE: Plan Approval
Coastal Potable Buildings
Plan # Gable Roof Urban-20**

Dear Mr. Campbell,

Pursuant to the requirements of the Department of Business & Professional Regulation, the above referenced documents have been reviewed for compliance with:

**2020 Florida Building Code, 7th Edition
2017 National Electrical Code (NFPA-70)
Florida Product Approval Rule 61G20-3.006 (FAC)**

All mandatory comments have been satisfied and plans are approved for construction by a currently approved modular building manufacturer.

These documents were reviewed for only what is to be constructed in the factory. Any work performed at the site, such as the foundation, is under the authority and jurisdiction of the local Building Official.

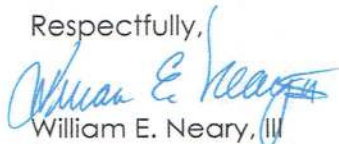
Third Party Agency approval in no way alleviates the builder/manufacturer from complying with all the applicable codes, which may or may not be identified in this review. Approval also does not preclude the local building official from requiring work be performed that was not previously reviewed, approved, and constructed under the State of Florida's Manufactured (Modular) Building Program to make the building, code compliant, for the intended use.

A signed and sealed set of plans are maintained on file with Top Line Engineering, LLC.

If you require my assistance in any way, please do not hesitate to contact me.

Thank you.

Respectfully,



William E. Neary, III
Business Partner
Top Line Engineering, LLC
BILL.TLE@yahoo.com

***** Please note: Any questions regarding local permitting should be directed to the Manufacturer. The Manufacturer's contact information can be found in the title block of the plans.**

FASTENER SCHEDULE (F) (FBC TABLE 2304.10.1)

1. JOIST TO SILL OR GIRDER	3-8d COMMON (2 1/2" x 0.131") 3-3" 14 GAGE STAPLES	TOENAIL
2. BRIDGING TO JOIST	2-8d COMMON (2 1/2" x 0.131") 2-3" x 0.232" NAILS 2-3" 14 GAGE STAPLES	TOENAIL EACH END
3. 1" x 8" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON (2 1/2" x 0.131")	FACE NAIL
4. WIDER THAN 1" x 8" SUBFLOOR TO EACH JOIST	3-8d COMMON (2 1/2" x 0.131")	FACE NAIL
5. 2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON (3.5" x 0.162")	BLIND AND FACE NAIL
6. SOLE PLATE TO JOIST OR BLOCKING SOLE PLATE TO JOIST AT BLOCKING AT BRACED WALL PANEL	16d COMMON (3.5" x 0.162") 3" x 0.131" NAILS AT 8" O.C. 3" 14 GAGE STAPLES AT 12" O.C. 3-16d COMMON (3 1/2" x 0.135") AT 16" O.C. 4-3" x 0-131" MAO S AT 16" 4-3" 14 GAGE STAPLES AT 16" O.C.	TYPICAL FACE NAIL BRACED WALL PANEL
7. TOP PLATE TO STUD	2-16d COMMON (3.5" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL
8. STUD TO SOLE PLATE	4-8d COMMON (2 1/2" x 0.131") 4-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES 2-16d COMMON (3.5" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL END NAIL
9. DOUBLE STUDS	16d COMMON (3.5" x 0.162") AT 24" O.C. 3" x 0.131" NAILS 3" 14 GAGE STAPLES	FACE NAIL
10. DOUBLE TOP PLATES	16d COMMON (3.5" x 0.162") AT 16" O.C. 3" x 0.131" NAILS AT 8" O.C. 3" 14 GAGE STAPLES AT 8" O.C.	TYPICAL FACE NAIL
DOUBLE TOP PLATES	8-16d COMMON (3 1/2" x 0.162") 12-3" x 0.131" NAILS 12-3" 14 GAGE STAPLES	LAP SPLICE
11. BLOCKING BETWEEN JOIST OR RAFTERS TO TOP PLATE	3-8d COMMON (2 1/2" x 0.131") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL
12. RIM JOIST TO TOP PLATE	8d (2 1/2" x 0.131") AT 8" O.C. 3" x 0.131" NAILS AT 8" O.C. 3" 14 GAGE STAPLES AT 8" O.C.	TOENAIL
13. TOP PLATES, LAPS AND INTERSECTIONS	2-16d COMMON (3.5" x 0.162") AT 16" O.C. 3-3" x 0.131" NAILS AT 8" O.C. 3-3" 14 GAGE STAPLES AT 8" O.C.	TOENAIL
14. CONTINUOUS HEADER, TWO PIECES	16d COMMON (3.5" x 0.162") AT 24" O.C.	16" O.C. ALONG EDGE
15. CEILING JOISTS TO PLATE	3-8d COMMON (2 1/2" x 0.131") 5-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL
16. CONTINUOUS HEADER TO STUD	4-8d COMMON (2 1/2" x 0.131")	FACE NAIL
17. CEILING JOISTS, LAPS OVER PARTITIONS (SEE TABLE 2304.10.4.1)	4-8d COMMON (2 1/2" x 0.131") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES	FACE NAIL
18. CEILING JOIST TO PARALLEL RAFTERS (SEE TABLE 2306.10.4.1)	3-16d COMMON (3 1/2" x 0.162") MINIMUM, TABLE 2306.10.4.1 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES	FACE NAIL
19. RAFTER TO PLATE	3-8d COMMON (2 1/2" x 0.131") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL
20. 1" DIAGONAL BRACE TO EACH STUD AND PLATE	3-8d COMMON (2 1/2" x 0.131") 2-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	FACE NAIL
21. 1" x 8" SHEATHING TO EACH BEARING	3-8d COMMON (2 1/2" x 0.131")	FACE NAIL
22. WIDER THAN 1" x 8" SHEATHING TO EACH BEARING	3-8d COMMON (2 1/2" x 0.131")	FACE NAIL
23. BUILT-UP CORNER STUDS	16d COMMON (3 1/2" x 0.162") 3" x 0.131" NAILS 3" 14 GAGE STAPLES	24" O.C. 18" O.C. 16" O.C.
24. BUILT-UP GIRDER AND BEAMS	20d COMMON (4" x 0.182") AT 32" O.C. 3" x 0.131" NAILS AT 24" O.C. 3" 14 GAGE STAPLES AT 24" O.C.	FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES
25. 2" PLANKS	2-20d COMMON (4" x 0.182") AT 32" O.C. 3" x 0.131" NAILS AT 24" O.C. 3" 14 GAGE STAPLES AT 24" O.C.	FACE NAIL AT ENDS AND AT EACH SPLICE
26. COLLAR TIE TO RAFTER	16d COMMON (3 1/2" x 0.162") 3-10d COMMON (3" x 0.148") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES	AT EACH BEARING
27. JACK RAFTER TO HIP	3-10d COMMON (3" x 0.148") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES	FACE NAIL
28. ROOF RAFTER TO 2-BY RIDGE BEAM	2-16d COMMON (3 1/2" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	TOENAIL
29. JOIST TO BAND JOIST	2-16d COMMON (3 1/2" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	FACE NAIL
30. LEDGER STRIP	3-16d COMMON (3 1/2" x 0.162") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES	FACE NAIL
31. WOOD STRUCTURAL PANELS AND PARTICLEBOARD (b) SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	1/2" AND LESS	6d (c.i.g.) 2 3/8" x 0.113" NAIL (n) 1 3/4" 16 GAGE (b)
SINGLE FLOOR (COMBINATION SUBFLOOR-UNDERLAYMENT TO FRAMING)	19/32" TO 3/4"	4d(d) OR 6d(a) 2 3/8" x 0.113" NAIL (p) 2" 18 GAGE (p)
	7/8" TO 1" 1 1/8" TO 1 1/4"	8d(c) 10d(d) OR 8d(d)
	3/4" AND LESS 7/8" TO 1" 1 1/8" TO 1 1/4"	6d(c) 8d(c) 10d(d) OR 8d(d)
32. PANEL SIDING (TO FRAMING) (q)	1/2" AND LESS	6d(c) 8d(c)
33. FIBERBOARD SHEATHING (g,q)	1/2" AND LESS	NO. 11 GAGE ROOFING NAIL (N) 6d COMMON NAIL (2" x 0.113") NO. 16 GAGE STAPLE (S) NO. 11 GAGE ROOFING NAIL (N) 8d COMMON NAIL (2 1/2" x 0.131") NO. 16 GAGE STAPLE (S)
34. INTERIOR PANELING	1/4" 3/8"	4d(j) 6d(k)

- a. Common or box nails are permitted to be used except where otherwise stated.
- b. Nails spaced at 8" on center at edges, 12 inches at intermediate supports except 6 inches at supports where spans are 48 inches or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2305. Nails for wall sheathing are permitted to be common, box or casing.
- c. Common or deformed shank (8d-2" x 0.113", 8d-2 1/2" x 0.131", 10d-3" x 0.148").
- d. Common (8d-2" x 0.113", 10d-3" x 0.148").
- e. Deformed shank (8d-2" x 0.113", 8d-2 1/2" x 0.131", 10d-3" x 0.148").
- f. Corrosion-resistant siding (8d-1 7/8" x 0.106", 8d-2 3/8" x 0.128") or casing (8d-2" x 0.089", 8d-2 1/2" x 0.113") nail.
- g. Fasteners spaced 3 inches on center at exterior edges and 6 inches on center at intermediate supports, when used as structural sheathing. Spacing shall be 6 inches on center on the edges and 12" inches on center at intermediate supports for nonstructural sheathing.
- h. Corrosion-resistant roofing nails with 7/16 inch diameter head and 1 1/2" inch length for 1/2 inch sheathing and 1 3/4" length for 25/32 inch sheathing.
- i. Corrosion-resistant staples with nominal 7/16 inch crown or 1 inch crown and 1 1/4" length for 1/2 inch sheathing and 1 1/2" inch length for 25/32 inch sheathing panel supports at 16 inches (20 inches if strength axis in the long direction of the panel, unless otherwise marked).
- j. Casing (1 1/2" x 0.089") or trim (1 1/2" x 0.072") nails spaced at 8 inches on panel edges, 12 inches at intermediate supports.
- k. Panel supports at 24 inches, casing or finish nails spaced at 6 inches on panel edges, 12 inches at intermediate supports.
- l. For roof sheathing applications, 8d nails (2 1/2" x 0.113") are the minimum required for wood structural panels.
- m. Staples shall have a minimum crown width of 7/16".
- n. For roof sheathing applications, fasteners spaced at 4 inches on center at edges, 6 inches at intermediate supports.
- o. Fasteners spaced at 4 inches on center at edges, 6 inches at intermediate supports for subfloor and wall sheathing and 3 inches on center at edges, 6 inches at intermediate supports for roof sheathing.
- p. Fasteners spaced at 4 inches on center at edges, 6 inches at intermediate supports.
- q. See fastener alternate schedule.
- r. Fasteners must be installed with even spacing between them across attaching member.

2021-01-25 TOP LINE ENGINEERING APPROVAL PLAN # Gables Roof Urban-20 *** NOT VHZ APPROVED

FILED
William E. Henry, III
State Seal, State of Florida
Professional Engineer
10000 Corporate Center
Gainesville, Florida 32601



COASTAL PORTABLE BLDGS., INC.

11815 SE 21ST AVENUE
STANLEY, FLORIDA 32081

GENERAL GUIDELINES
FASTENERS & NAILING PAGE 1

Austin R. Ace, P.E., Inc.

1828 Orchard Pond Drive
Pawling Island, Florida 32082
Florida License #2454, Georgia License #17180
804-716-3021

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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STRAP & FASTENER SCHEDULE (a)

PART/DESC.	UPLIFT	WALL FASTENER	WATER FASTENER	PLATE FASTENER
H1	435	-	6-SD9x1.5"	4-SD9x1.5"
H112	750	-	6-SD9x1.5"	6-SD10x1.5"
H2A	495	5-SD9x1.5"	5-SD9x1.5"	2-SD9x1.5"
H2.5A	540	-	5-SD9x1.5"	5-SD9x1.5"
H2.5	410	5-SD9x1.5"	5-SD9x1.5"	-
H2.5I	545	7-SD9x1.5"	5-SD9x1.5"	-
H2A	495	7-SD9x1.5"	5-SD9x1.5"	-
H3	320	4-SD9x1.5"	4-SD9x1.5"	-
H4	280	4-SD9x1.5"	4-SD9x1.5"	-
H5	415	4-SD9x1.5"	4-SD9x1.5"	-
LTS-12	895	6-SD9x1.5"	6-SD9x1.5"	-
LTS-16	1075	6-SD9x1.5"	6-SD9x1.5"	-
LTS-18	1235	6-SD9x1.5"	6-SD9x1.5"	-
LTS-20	1215	6-SD9x1.5"	6-SD9x1.5"	-
MIS-12	895	7-SD9x1.5"	7-SD9x1.5"	-
MIS-16	1075	7-SD9x1.5"	7-SD9x1.5"	-
MIS-18	1235	7-SD9x1.5"	7-SD9x1.5"	-
MIS-20	1255	7-SD9x1.5"	7-SD9x1.5"	-
PART/DESC.	UPLIFT	COL. FASTENER	RAFTER FASTENER	PLATE FASTENER
A21	245	2-10d x 1.5"	2-10d x 1.5"	-
A23	565	4-10d x 1.5"	4-10d x 1.5"	-
A23	750	4-10d	4-10d	-
PART/DESC.	UPLIFT	COL. FASTENER	RAFTER FASTENER	PLATE FASTENER
LSTA-18	1110	7-10d	7-10d	-
PART/DESC.	UPLIFT	STUD FASTENER	HEADER FASTENER	PLATE FASTENER
TP-35	1110	5-3"x0.131"	5-3"x0.131"	-
HP40, 41, 80, 81	4725	5-3"x0.131"	5-3"x0.131"	-

- a. All straps can be substituted with an equivalent brand meeting same strengths.
b. Rafter ties to stud wall to be at every connection for 24" o.c. & can be every other for 16" o.c., but is required on corners and studs adjacent to corners.
c. Only need on aluminum & vinyl sheathing walls.
d. Headers over 6' span.

STRAP & SIMPSON STRONG-DRIVE SD SCREW SCHEDULE

PART/DESC.	UPLIFT	WALL FASTENER	RAFTER FASTENER	PLATE FASTENER
H1	435	-	6-SD9x1.5"	4-SD9x1.5"
H112	750	-	6-SD9x1.5"	6-SD10x1.5"
H2A	495	5-SD9x1.5"	5-SD9x1.5"	2-SD9x1.5"
H2.5A	540	-	5-SD9x1.5"	5-SD9x1.5"
H2.5	410	5-SD9x1.5"	5-SD9x1.5"	-
H2.5I	545	7-SD9x1.5"	5-SD9x1.5"	-
H2A	495	7-SD9x1.5"	5-SD9x1.5"	-
H3	320	4-SD9x1.5"	4-SD9x1.5"	-
H4	280	4-SD9x1.5"	4-SD9x1.5"	-
H5	415	4-SD9x1.5"	4-SD9x1.5"	-
LTS-12	895	6-SD9x1.5"	6-SD9x1.5"	-
LTS-16	1075	6-SD9x1.5"	6-SD9x1.5"	-
LTS-18	1235	6-SD9x1.5"	6-SD9x1.5"	-
LTS-20	1215	6-SD9x1.5"	6-SD9x1.5"	-
MIS-12	895	7-SD9x1.5"	7-SD9x1.5"	-
MIS-16	1075	7-SD9x1.5"	7-SD9x1.5"	-
MIS-18	1235	7-SD9x1.5"	7-SD9x1.5"	-
MIS-20	1255	7-SD9x1.5"	7-SD9x1.5"	-

Austin R. Ace, P.E., Inc.

8808 Crabtree Pond Drive
Palm Bay, Florida 32909
Florida License 15644, Georgia License 17180
888-715-3551

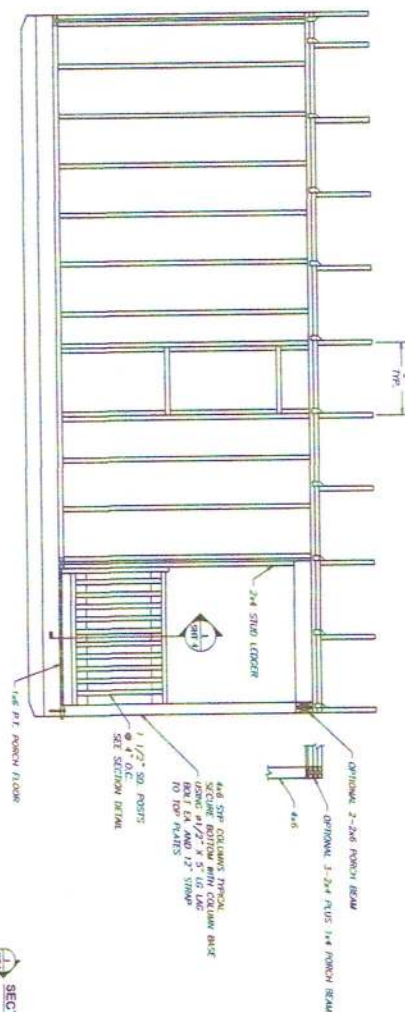
COASTAL PORTABLE BLDGS., INC.

11515 SE 21ST AVENUE
STARKE, FLORIDA 32909

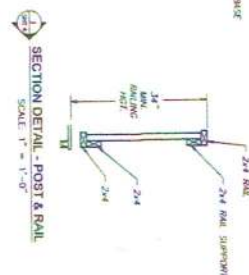
GENERAL GUIDELINES
FASTENERS & NAILING PAGE 2

THE ENGINEERING FIRM
William F. Henry, III
504P S.W. 5th Ave., Suite 500
Fort Lauderdale, Florida 33304
Florida License 15644

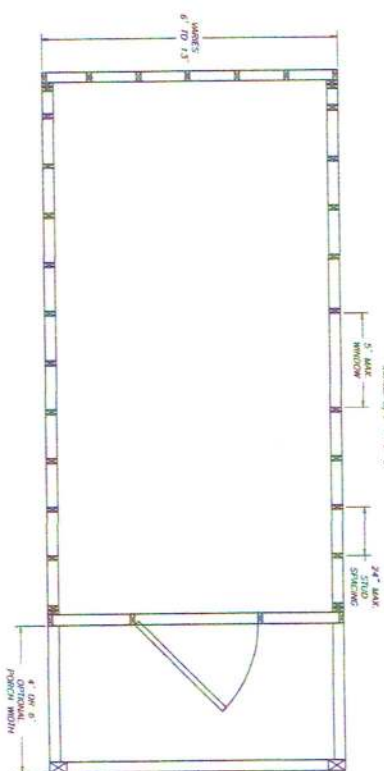




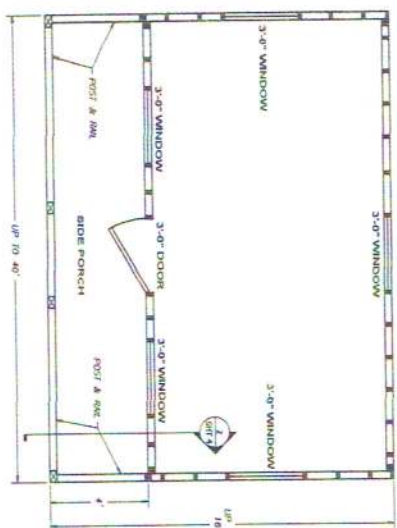
SIDE WALL ELEVATION WITH PORCH
SCALE: 3/4" = 1'-0"



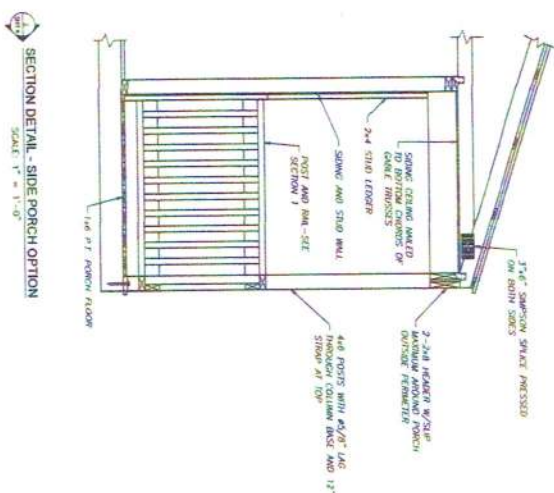
SECTION DETAIL - POST & RAIL
SCALE: 1" = 1'-0"



STUD WALL PLAN VIEW SECTION WITH PORCH
SCALE: 3/4" = 1'-0"



STUD WALL PLAN VIEW SECTION WITH SIDE PORCH



SECTION DETAIL - SIDE PORCH OPTION



	DATE	BY	APP	CATE
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To get more funding
The document may not be signed, it states, it is not, although the written permission of Justice B. Aron (P.C., 1992).

in R. Ace, P.E., Inc.
5808 Orchard Pond Drive
Palm Beach, Florida 33409
Florida License: 35454, Georgia License: 17180
804-716-3621

COASTAL PORTABLE BLDGS., INC.
11818 SE 21ST AVENUE
STARKE, FLORIDA 32091
RESIDENTIAL LAWN STORAGE SHED
PORCH OPTIONS

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DATA FILE CLASS	DATA FILE CLASS
DATA FILE CATEGORY	DATA FILE CATEGORY
DATA FILE TYPE	DATA FILE TYPE
DATA FILE KIND	DATA FILE KIND
DATA FILE SORT	DATA FILE SORT
DATA FILE ORDER	DATA FILE ORDER
DATA FILE SEQUENCE	DATA FILE SEQUENCE
DATA FILE SERIES	DATA FILE SERIES
DATA FILE RANGE	DATA FILE RANGE
DATA FILE SCALE	DATA FILE SCALE
DATA FILE LEVEL	DATA FILE LEVEL
DATA FILE DEGREE	DATA FILE DEGREE
DATA FILE QUANTITY	DATA FILE QUANTITY
DATA FILE AMOUNT	DATA FILE AMOUNT
DATA FILE SUM	DATA FILE SUM
DATA FILE TOTAL	DATA FILE TOTAL
DATA FILE VALUE	DATA FILE VALUE
DATA FILE PRICE	DATA FILE PRICE
DATA FILE COST	DATA FILE COST
DATA FILE FEE	DATA FILE FEE
DATA FILE TAX	DATA FILE TAX
DATA FILE RATE	DATA FILE RATE
DATA FILE PERCENTAGE	DATA FILE PERCENTAGE
DATA FILE FRACTION	DATA FILE FRACTION
DATA FILE DECIMAL	DATA FILE DECIMAL
DATA FILE INTEGER	DATA FILE INTEGER
DATA FILE REAL NUMBER	DATA FILE REAL NUMBER
DATA FILE COMPLEX NUMBER	DATA FILE COMPLEX NUMBER
DATA FILE VECTOR	DATA FILE VECTOR
DATA FILE MATRIX	DATA FILE MATRIX
DATA FILE TENSOR	DATA FILE TENSOR
DATA FILE SCALAR	DATA FILE SCALAR
DATA FILE VECTOR SPACE	DATA FILE VECTOR SPACE
DATA FILE INNER PRODUCT SPACE	DATA FILE INNER PRODUCT SPACE
DATA FILE BANACH SPACE	DATA FILE BANACH SPACE
DATA FILE NORMED SPACE	DATA FILE NORMED SPACE
DATA FILE METRIC SPACE	DATA FILE METRIC SPACE
DATA FILE TOPOLOGICAL SPACE	DATA FILE TOPOLOGICAL SPACE
DATA FILE MANIFOLD	DATA FILE MANIFOLD
DATA FILE CURVE	DATA FILE CURVE
DATA FILE SURFACE	DATA FILE SURFACE
DATA FILE VOLUME	DATA FILE VOLUME
DATA FILE AREA	DATA FILE AREA
DATA FILE LENGTH	DATA FILE LENGTH
DATA FILE DISTANCE	DATA FILE DISTANCE
DATA FILE PERIOD	DATA FILE PERIOD
DATA FILE FREQUENCY	DATA FILE FREQUENCY
DATA FILE WAVELENGTH	DATA FILE WAVELENGTH
DATA FILE VELOCITY	DATA FILE VELOCITY
DATA FILE ACCELERATION	DATA FILE ACCELERATION
DATA FILE FORCE	DATA FILE FORCE
DATA FILE PRESSURE	DATA FILE PRESSURE
DATA FILE TEMPERATURE	

Description	Model No.	Part Description	Type of Bolt
Standard Roof Plate	MS17	Roof Plate	ASTM A307
Roof Anchor	MS17	Roof Anchor	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307
Roof Plate	MS17	Roof Plate	ASTM A307

Type of Material

Model Number	Length	Bolt Diameter	Uplift Capacity
MS17	6'-3 1/2"	5/8"	2200 LBS.

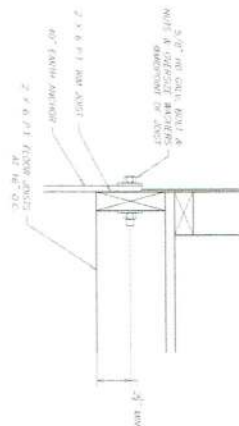
CONCRETE ANCHOR DATA

Building Size	8'-10" Wide	10'-12" Long	16'-20" Long	24'-28" Long	30'-32" Long	40' Long
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2
Uplift Capacity	2	2	2	2	2	2

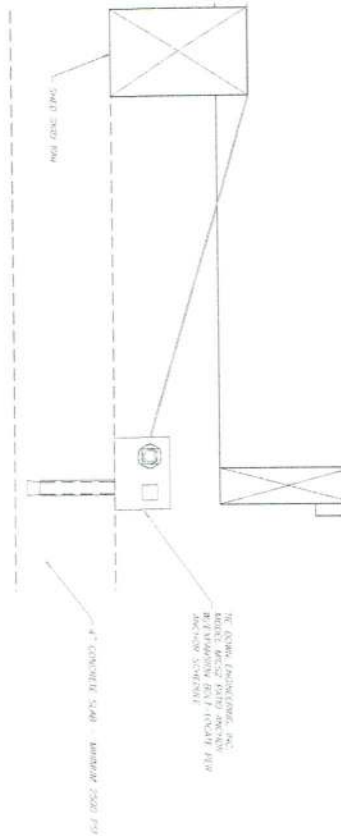
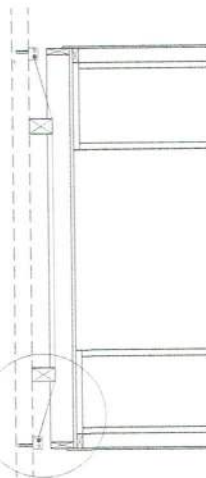
BUILDING ANCHOR SCHEDULE ALL SHEETS

Model Number	Length	Bar Diameter	Uplift Capacity	Uplift Capacity	Uplift Capacity	Uplift Capacity
MS17	6'-3 1/2"	5/8"	2200 LBS.	2200 LBS.	2200 LBS.	2200 LBS.

BUILDING ANCHOR DATA



SHED INSTALLED ON SLAB



THE COMPANY, ENGINEERING, INC.
10000 W. 10TH AVE. SUITE 100
DENVER, CO 80202

4" CONCRETE SLAB - MINIMUM 2500 PSI

SHED 2500 PSI



TLF
William E. Henry, III
5000 N. 10th Ave. Suite 100
Denver, CO 80202

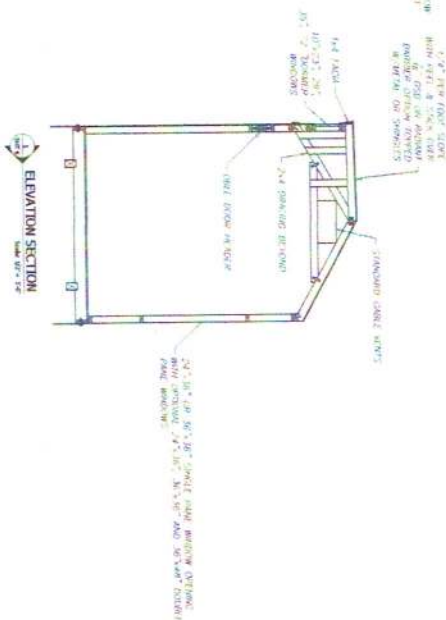
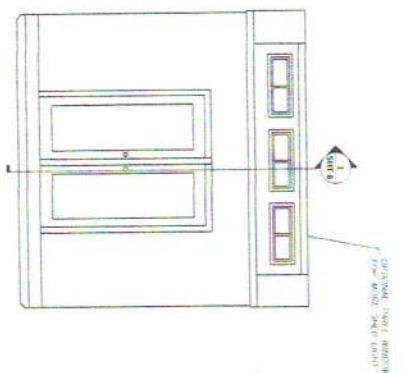
COASTAL PORTABLE BLDGS., INC.
11818 SE 21ST AVENUE
DENVER, CO 80202
TELEPHONE: 333-1111
FAX: 333-1111

Austin R. Ace, P.E., Inc.

6000 Orchard Road Drive
Tampa, Florida 33635
Florida License 35054, Georgia License 17180
888-715-0881

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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5-6-0



ELECTRICAL	SYMBOL
LIGHT	◇
OUTLET	⊖
OUTLET 220V	⊖
OUTLET GFI	⊖
OUTLET WP	⊖
SWITCH	⊖
SWITCH 3 WAY	⊖
SWITCH DOUBLE	⊖
FLOUORESCENT LIGHT	⊖
DIRECTION BOX	⊖

- ELECTRICAL NOTES:**
1. ALL WIRE TO BE RHH 90°C COPPER WITH GROUNDING, WIRING PROTECTED BY RMC 2½" DIA.
 2. ALL ELECTRICAL PANELS TO BE 120/240V 3-PHASE 4-WIRE WITH 100 AMPERE MAINS, CONTROL, WIRE SIZE PER AMERICAN NATIONAL ELECTRICAL CODE.
 3. FLEXIBLE LIGHTING AND TYPING MAINS.
 4. PLASTIC OR METAL TYPING WORK, OUTLET BOXES.
 5. DATA CORDS.
 6. ALL REFRIGERATORS TO BE AT 14-15° AND MAXIMUM 14 CUBIC FEET.
 7. ALL REFRIGERATORS TO BE AT 40-52° AND MAXIMUM 14 CUBIC FEET.
 8. REFRIGERATORS AND LED LIGHTS TWO-STAGES FOR INCREASED LIGHTING.
 9. THE MAIN ELECTRICAL PANEL, FUSES, WIRING REQUIRED TO SERVE RESEARCHER AND DISSEMINATION OF INFORMATION, TELEPHONE, TELETYPE, TELEVISION, ETC. IS DESIGNATED BY OTHERS, NOT INCLUDED AND SUBJECT TO LOCAL APPROVAL.

TLE 10679 Oakview Pointe Terrace
10669 Oakview Pointe Terrace
Catho, Florida 32734

