

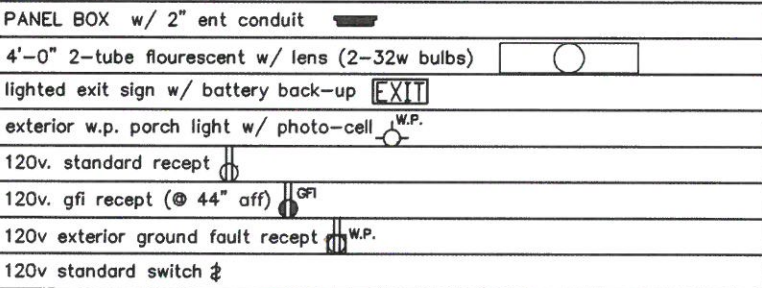
GENERAL NOTES :

- 1) ALL GRAB BARS ARE 1.50" ROUND AND CAPABLE OF SUPPORTING 250 lbs.
- 2) LEVER HANDLE CONTROL SHALL BE PROVIDED AT LAVATORIES. 110° F MAXIMUM WATER TEMP. INSULATE ALL EXPOSED PIPES UNDER LAVATORIES.
- 3) HANDICAP TOILETS PROVIDED ARE ELONGATED WATER SAVER(1.5 GAL) CADET WITH NON ABSORBENT OPEN FRONT SEAT.
- 4) HANDICAP ACCESS REQUIREMENTS (RAMPS,RAILINGS,LANDINGS,ETC.) TO BE PROVIDED AND INSTALLED ON SITE BY OTHERS.
- 5) THE USE OF THIS BUILDING WITHOUT THE MINIMUM REQUIRED PLUMBING FACILITIES IS SUBJECT TO LOCAL APPROVAL.
- 6) REST ROOM WALLS TO BE COVERED WITH NON ABSORBENT MATERIAL.(VINYL) REST ROOM FLOORS TO BE COVERED WITH WATER RESISTANT MATERIAL.(TILE)
- 7) HALL/EXIT ACCESS WALL COVERING TO BE CLASS "A" MATERIAL MINIMUM.(GYP)
- 8) LEVER HANDLES ARE PROVIDED ON ALL DOORS.
- 9) ALL ITEMS REQUIRED UNDER PART III-28 CFR 36 TO BE PROVIDED ON SITE BY OWNER OCCUPANT.
- 10) DRINKING WATER FACILITIES TO BE PROVIDED AND INSTALLED ON SITE BY OTHERS.
- 11) ALL INTERIOR DOORS (EXCEPT BATH, IF APPLICABLE) ARE UNDERCUT ONE INCH FOR RETURN AIR.
- 12) ALL SURFACES IN PLENUM CAVITY AND BETWEEN RETURN AIR GRILLES TO BE LINED WITH CLASS "A" MATERIAL.

ELECTRICAL NOTES:

- (1) SERVICE DISCONNECT MEANS TO BE SITE INSTALLED BY FIELD ELECTRICIAN.
- (2) PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM, THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY A LOCAL ELECTRICAL CONSULTANT.
- (3) THE MAIN ELECTRICAL PANEL, FEEDERS AND RACEWAYS ARE DESIGNED BY OTHERS, SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- (4) ALL CIRCUITS TO BE 20AMP 12-2 WIRE WITH GROUND UNLESS NOTED OTHERWISE.
- (5) RECESSED LIGHT FIXTURES MUST BE IC RATED.
- (6) EXTERIOR LIGHT FIXTURES MUST PROVIDE AT LEAST 45 LUMENS PER WATT.

ELECTRICAL



Ⓞ (2) 4"x4" J-BOXES @ 80' AFF w/ CONDUIT STUBBED THRU FLOOR

BY EACH EXTERIOR DOOR IS A 4"x4" J-BOX @ 80" A.F.F. WITH CONDUIT TO A 2"x4" J-BOX @ 46" A.F.F. WITH CONDUIT THRU THE FLOOR FOR SITE INSTALLED ALARM SYSTEM.

THE FOLLOWING DETAILS CAN BE FOUND ON THE LISTED PAGES OF THE INSTALLATION INSTRUCTIONS:

- A) LATERAL AND VERTICAL CONNECTION SPECS FOR BUILDING MODULES AT FLOOR, WALL, AND CEILING LEVELS. (1-2, 1-5, 1-7)
- B) ROOF SET-UP AND CONNECTION SPECS. (1-4, 1-7)
- C) VERTICAL AND HORIZONTAL PLUMBING CONNECTIONS BETWEEN MODULES. (1-3)
- D) VERTICAL AND HORIZONTAL MECHANICAL CONNECTIONS. (1-3)
- E) ELECTRICAL CONNECTIONS BETWEEN MODULES. (1-2, 1-3)
- F) ELIMINATION OF AIR INFILTRATION. (1-4)

USE OF THIS BUILDING WITHOUT ADEQUATE PLUMBING FACILITIES IS SUBJECT TO APPROVAL BY THE JURISDICTION HAVING AUTHORITY.

ACCESSIBILITY NOTES:

1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN SHALL BE DISPLAYED AT ALL ACCESSIBLE RESTROOM FACILITIES AND AT ACCESSIBLE BUILDING ENTRANCES UNLESS ALL ENTRANCES ARE ACCESSIBLE. INACCESSIBLE ENTRANCES SHALL HAVE DIRECTIONAL SIGNS INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE ENTRANCE.
2. ACCESSIBLE DRINKING FOUNTAINS SHALL HAVE A SPOUT HEIGHT NO HIGHER THAN 36 INCHES ABOVE THE FLOOR AND EDGE OF BASIN NO HIGHER THAN 34 INCHES ABOVE THE FLOOR FOR INDIVIDUALS IN WHEELCHAIRS. ADDITIONALLY, DRINKING WATER PROVISIONS SHALL BE MADE FOR INDIVIDUALS WHO HAVE DIFFICULTY IN BENDING.
3. WHERE STORAGE FACILITIES SUCH AS CABINETS, SHELVES, CLOSETS, AND DRAWERS ARE PROVIDED AT LEAST ONE OF EACH TYPE PROVIDED SHALL CONTAIN STORAGE SPACE COMPLYING WITH THE FOLLOWING: DOORS, ETC. TO SUCH SPACES SHALL BE ACCESSIBLE (i.e. TOUCH LATCHES, U-SHAPED PULLS); SPACES SHALL BE WITHIN 15 INCHES MINIMUM AND 48 INCHES MAXIMUM OF THE FLOOR FOR FORWARD REACH OR 9 INCHES MINIMUM AND 54 INCHES MAXIMUM OF THE FLOOR FOR SIDE REACH; CLOTHES RODS SHALL BE A MAXIMUM OF 54 INCHES ABOVE THE FLOOR (48 INCHES MAXIMUM WHEN DISTANCE FROM WHEELCHAIR TO ROD EXCEEDS 10 INCHES).
4. CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE NO ABOVE THE FLOOR FOR SIDE APPROACH. RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR. EXCEPTION: HEIGHT LIMITATIONS DO NOT APPLY WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.
5. WHERE EMERGENCY WARNING SYSTEMS ARE PROVIDED, THEY SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. THE VISUAL ALARMS SHALL BE LOCATED THROUGHOUT, INCLUDING RESTROOMS, AND PLACED 80 INCHES ABOVE THE FLOOR OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER.
6. ALL DOORS SHALL BE OPENABLE BY A SINGLE EFFORT. THE MAXIMUM FORCE REQUIRED TO OPEN A DOOR SHALL NOT EXCEED 8.5 LBS. FOR EXTERIOR SWINGING DOORS AND 5 LBS. FOR ALL SLIDING, FOLDING, AND INTERIOR SWINGING DOORS.
7. FLOOR SURFACES SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. CHANGES IN LEVEL BETWEEN 0.25 INCH AND 0.5 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. CHANGES IN LEVEL GREATER THAN 0.5 INCH REQUIRE RAMPS. CARPET PILE THICKNESS SHALL BE 0.5 INCH MAX. GRATINGS IN FLOOR SHALL HAVE SPACES NO GREATER THAN 0.5 INCH WIDE IN ONE DIRECTION. DOORWAY THRESHOLDS SHALL NOT EXCEED 0.5 INCH IN HEIGHT.
8. ACCESSIBLE WATER CLOSETS SHALL BE 17 INCHES TO 19 INCHES FROM THE FLOOR TO THE TOP OF THE SEAT. GRAB BARS SHALL BE 36 INCHES LONG MINIMUM WHEN LOCATED BEHIND WATER CLOSET AND 42 INCHES MINIMUM WHEN LOCATED ALONG SIDE OF WATER CLOSET, AND SHALL BE MOUNTED 33 INCHES TO 36 INCHES ABOVE THE FLOOR.
9. ACCESSIBLE URINALS SHALL BE STALL-TYPE OR WALL HUNG WITH ELONGATED RIMS AT A MAXIMUM OF 17 INCHES ABOVE THE FLOOR.
10. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 29 INCHES ABOVE THE FLOOR TO THE BOTTOM OF THE APRON.
11. ACCESSIBLE SINKS SHALL BE MOUNTED WITH THE RIM NO HIGHER THAN 34 INCHES ABOVE THE FLOOR AND A CLEARANCE OF AT LEAST 27 INCHES HIGH, 30 INCHES WIDE, AND 19 INCHES DEEP UNDERNEATH SINK. THE SINK DEPTH SHALL BE 6.5 INCHES MAXIMUM.
12. HOT WATER AND DRAIN PIPES UNDER ACCESSIBLE LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. INSULATION OR PROTECTION MATERIALS MAY BE SITE INSTALLED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER ACCESSIBLE LAVATORIES AND SINKS.
13. ACCESSIBLE LAVATORIES AND SINKS SHALL HAVE ACCESSIBLE FAUCETS (i.e. LEVER-OPERATED, PUSH-TYPE, ELECTRONICALLY CONTROLLED).
14. WHERE MIRRORS ARE PROVIDED IN REST ROOM, AT LEAST ONE SHALL BE PROVIDED WITH ITS BOTTOM EDGE NO HIGHER THAN 40 INCHES ABOVE THE FLOOR.
15. WHERE MEDICINE CABINETS ARE PROVIDED, AT LEAST ONE SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES ABOVE THE FLOOR.
16. GRAB BARS REQUIRED FOR ACCESSIBILITY SHALL BE 1.25 INCHES TO 1.5 INCHES IN DIAMETER WITH 1.5 INCHES CLEAR SPACE BETWEEN THE BAR AND THE WALL.
17. WATER CLOSET FLUSH CONTROL SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA.
18. DOORS TO ALL ACCESSIBLE SPACES SHALL HAVE ACCESSIBLE HARDWARE (i.e. LEVER-OPERATED, PUSH-TYPE, U-SHAPED) MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FLOOR.
19. TOILET STALL DOORS SHALL BE THE SELF-CLOSING TYPE (IF REQUIRED BY OWNER/OCCUPANT)
20. A TOWEL DISPENSER SHALL BE LOCATED ADJACENT TO ALL ACCESSIBLE LAVATORIES.
21. BUILDINGS WITHOUT ACCESSIBLE RESTROOMS ARE SUBJECT TO JURISDICTION HAVING AUTHORITY.

NORTH CAROLINA STATE CODES:

DESIGN CODES :
 N.C. BUILDING CODE, 2002 EDITION
 N.C. ACCESSIBILITY CODE, 1999 EDITION
 w/ 2002 AMENDMENTS
 N.C. PLUMBING CODE, 2002 EDITION
 N.C. MECHANICAL CODE, 2002 EDITION
 N.C. ELECTRICAL CODE, 2005 EDITION
 N.C. FUEL GAS CODE, 2002 EDITION
 N.C. ENERGY CODE, 2002 EDITION

SPECIAL CONDITIONS AND / OR LIMITATIONS:

1. The building design has been approved for use only in those areas within the scope of the structural load limitations and climate design criteria indicated below.
2. See the building site installation requirements notes for work requiring on site inspection.
3. The use of this building without required plumbing facilities is subject to the approval of the authority having jurisdiction, Plumbing facilities are to be provided in an adjacent building.
4. Drinking water facilities to be provided and installed on site by others.

CLIMATE DESIGN CRITERIA:

CLIMATE ZONE: 4 b
 HEATING DEGREE DAYS: 1371
 COOLING DEGREE DAYS: 3012

EXT. DOOR SPECIFICATIONS:

1. HEAVY DUTY ALUM. w/ VIEW BLOCK FOAM CORE
2. Uo = 0.32
3. ALLOWABLE AIR LEAKAGE RATES 0.5 CFM PER SQ. FT. OF DOOR AREA

WINDOW SPECIFICATIONS:

1. METAL WITHOUT THERMAL BREAK
2. OPERABLE
3. DOUBLE PANE BRONZE CLEAR GLASS
4. Uo = 0.52
5. SHGC = 0.23
6. ALLOWABLE AIR LEAKAGE RATES 0.3 CFM PER SQ. FT. OF WIN. AREA

APPROVAL OF THIS PLAN IS APPLICABLE FOR BUILDINGS LOCATED IN ALL AREAS OF NORTH CAROLINA THAT ARE NOT IDENTIFIED BY A GOVERNMENTAL AGENCY AS: COASTAL HIGH HAZARD AREAS, OCEAN HAZARD AREAS, OR REGULATORY FLOOD AREAS. SEE THE NORTH CAROLINA STATE BUILDING CODE VOLUME 1- CHAPTER 37, FOR SPECIAL REQUIREMENTS APPLICABLE IN THESE AREAS.

BUILDING SITE INSTALLATION REQUIREMENTS:

- THE FOLLOWING ITEMS ARE TO BE CONSTRUCTED / INSTALLED ON-SITE BY OTHERS, SUBJECT TO LOCAL APPROVAL.
1. Foundation and tie-down system.
 2. Entrance / exit stairs, landings, guard rails and hand rails.
 3. Accessible ramps.
 4. The main electrical panel; service entrance conductors; feeders; and grounding system. (see electrical notes)
 5. Skirting and crawl space ventilation.
 6. Map sink and water cooler per floor plan.

Structural Load Limitations

Floor Live Load:
 A. 40 psf
 B. 1000 lb. Concentrated Load Over 30" x 30" Area Located Anywhere On Floor.

Roof Live Load:
 A. 20 psf

Roof Snow Load:
 A. Pg = 20 psf Ground Snow Load
 B. Pf = 18.50 psf Flat Roof Snow Load
 C. Ce = 1.2 Snow Exposer Factor
 D. Is = 1.0 Snow Importance Factor
 E. Ct = 1.1 Snow Thermal Factor

Wind Load:

- A. 130 mph = Wind Speed
- B. Iw = 1.0 Wind Importance Factor
- C. C = Wind Exposer Category C
- D. GCpi = 0.18 Internal Pressure Coefficient
- E. Pw = 46.0 psf Wall Component & Cladding Load
- F. Pr = 77.0 psf Roof Component & Cladding Load
- G. This Building Is Not Designed For Placement On The Upper Half Of A Hill Or Escarpment Exceeding 15 Feet In Height.

Seismic Load:

- A. I = Seismic Use Group
- B. D = Site Class
- C. 1K = Seismic Force Resisting System
- D. C = Seismic Design Category
- E. Simplified = Analysis Procedure
- F. Sds = < .49 Spectral Response Coefficient
- G. Sd1 = < .19 Spectral Response Coefficient
- H. V = 3430 lb. Design Base Shear
- I. R = 6.5 Response Modification Coefficient

Flood Load:
 This Building Is Not Designed To Be Located In A Flood Hazard Area.

ENCLOSED BUILDING
 TYPE V-B CONSTRUCTION(UNPROTECTED)
 EDUCATIONAL OCCUPANCY
 OCCUPANT LOAD.....(64)

PERMISSABLE TYPE OF GAS FOR APPLIANCES : NONE (ALL ELECTRIC)

FLOOR DRAIN IF REQUIRED TO BE SUPPLIED & INSTALLED BY OWNER

ATTENTION LOCAL INSPECTIONS DEPARTMENT

SET-UP INSTRUCTIONS FOR THIS MODULAR UNIT ARE INCLUDED BY ATTACHMENT TO THESE PLANS. ANY PLANS SET WHICH DOES NOT INCLUDE AN ATTACHMENT ENTITLED "SET-UP MANUAL" ARE INCOMPLETE.

PIER & STRAPPING REQUIREMENTS FOR FOUNDATION SET-UP ARE LOCATED ON PAGE (2) OF THESE DRAWINGS.

ATTENTION LOCAL INSPECTIONS DEPARTMENT

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY T&R CUSTOM, HAVE NOT BEEN INSPECTED BY RADCO, AND ARE NOT CERTIFIED BY THE NORTH CAROLINA MODULAR LABEL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL:

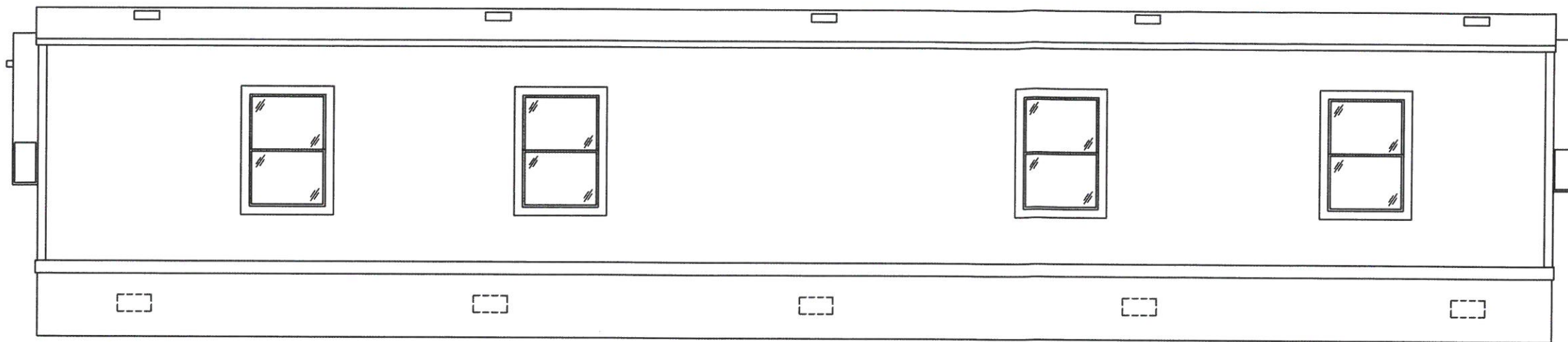
- (1) MAIN DISCONNECT
- (2) MAIN ELECTRICAL PANEL
- (3) FEEDERS
- (4) RACEWAYS
- (5) SERVICE DISCONNECT
- (6) STORM WINDOWS
- (7) FIRE PROTECTIVE SIGNALING SYSTEM

RELOCATION OF THIS BUILDING IS SUBJECT TO THE APPROVAL OF THE LOCAL JURISDICTION. THESE PLANS HAVE NOT BEEN PREPARED BASED ON THE CURRENT CODES IN EFFECT, BUT INSTEAD ARE BASED ON CODES IN EFFECT AT THE TIME OF THE INITIAL DATE OF MANUFACTURE.

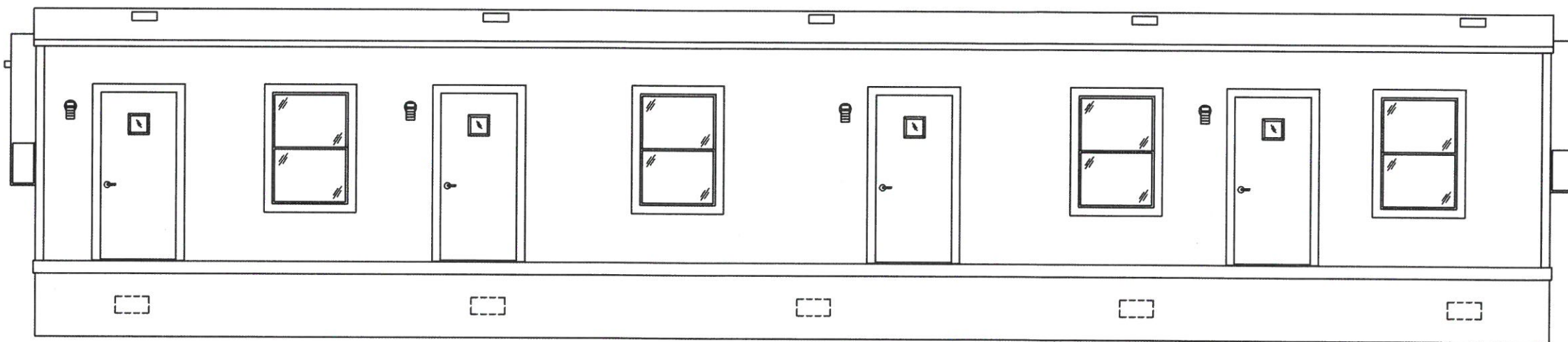
THIS IS A SET OF AS-BUILT APPROVED BUILDING PLANS. THIS SET OF PLANS HAVE BEEN PROVIDED THE PURPOSE OF OBTAINING A BUILDING PERMIT. THE USE OF THIS BUILDING IS SUBJECT TO THE REVIEW AND APPROVAL OF THE LOCAL JURISDICTION HAVING AUTHORITY.



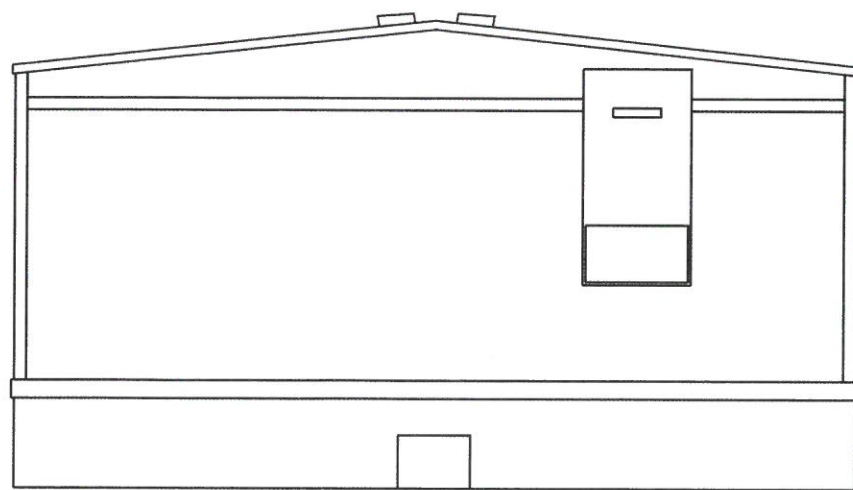
DEALER: ALAN CLAYTON ENTERPRISES 2814 FLEMING ROAD GREENSBORO, NC 27410 (336) 382-6001		
MANUFACTURER: T&R CUSTOM 3110 NORTH HIGHWAY 19 ELLAVILLE, GA 31806		
COVER SHEET / NOTES		
DATE: 10-3-2019	BUILDING SIZE: 24'x60'	SERIAL NO.: 0533806-07
SCALE: NONE	DESTINATION: FLOQUAY-VARINA, NC	DRAWING NO.: JLB-2019-0233
DRAWN BY: J.L.B.	LABEL(S): NC	
REV	DATE	BY
W.E.W. WALTER E. WOOD, P.E. CONSULTING ENGINEER 168 WEST LONGLEAF DR SYLVESTER, GA 31791 NC PE LIC #044853		SHEET: C1 PAGE: 1 of 4 PLAN NO.: OCCUP: E



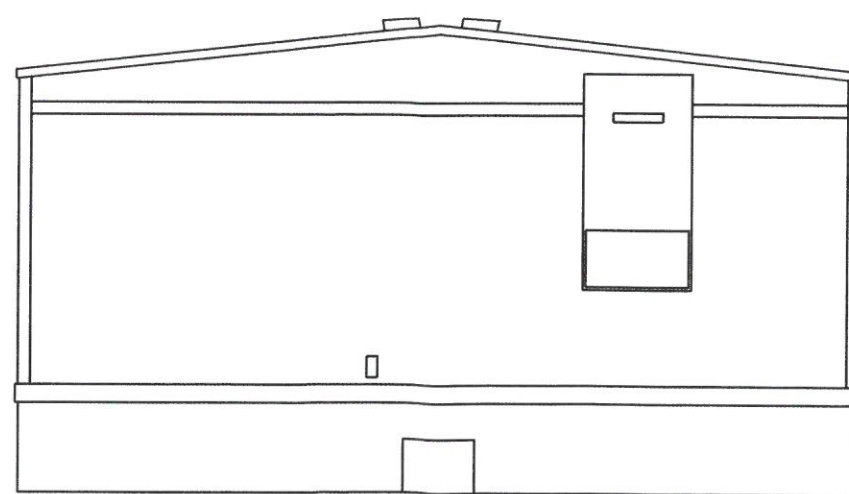
FRONT



REAR



LEFT



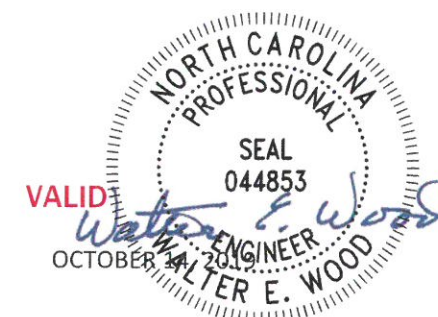
RIGHT

ELECTRICAL CALCULATIONS "A"		
700.00	SQ. FT. @ 3.5 x 1.25 W.P.S.F.	3.06
1	HVAC (HEAT MAXIMUM)	10.90
9	RECS. @ 180 V.A.	1.62
0	WATER HEATER	0.00
0	VENT FAN @ 300w MAX.	0.00
TOTAL		15.58 kw
15580	WATTS / 240 VOLTS=	64.91 amps
(1) 100 AMP PANEL		

PANEL SCHEDULE "A"				
CIRCUIT NUMBER	WIRE SIZE	BREAKER		DESCRIPTION
		TRIP	POLE	
2/4	6	60	2	HVAC
1	12	20	1	GFI RECEIPT
3	12	20	1	LIGHTS/RECEPTS
5	12	20	1	LIGHTS/RECEPTS
6	12	20	1	LIGHTS/RECEPTS

ELECTRICAL CALCULATIONS "B"		
700.00	SQ. FT. @ 3.5 x 1.25 W.P.S.F.	3.06
1	HVAC (HEAT MAXIMUM)	10.90
9	RECS. @ 180 V.A.	1.62
1	WATER HEATER @ 4.8 KW	2.40
1	VENT FANS @ 300w MAX.	0.40
TOTAL		18.38 kw
18380	WATTS (1.25)/240 VOLTS=	76.58 amps
(1) 100 AMP PANEL		

PANEL SCHEDULE "B"				
CIRCUIT NUMBER	WIRE SIZE	BREAKER		DESCRIPTION
		TRIP	POLE	
2/4	6	60	2	HVAC
1	12	20	1	GFI RECEIPT
3	12	20	1	LIGHTS /RECEPTS
5	12	20	1	LIGHTS /RECEPTS
6	12	20	1	LIGHTS /RECEPTS
7	12	20	1	water heater



DEALER: ALAN CLAYTON ENTERPRISES 2814 FLEMING ROAD GREENSBORO, NC 27410 (336) 382-5001		
MANUFACTURER: T&R CUSTOM 3110 NORTH HIGHWAY 19 ELLAVILLE, GA 31806		
EXTERIOR ELEVATIONS		
DATE: 10-3-2019	BUILDING SIZE: 24'x60'	SERIAL NO.: 0533806-07
SCALE: 3/16"=1'-0"	DESTINATION: FUQUAY-VARINA, NC	DRAWING NO.: JLB-2019-0233
DRAWN BY: J.L.B.	LABEL(S): NC	
REV	DATE	BY
DESCRIPTION		SHEET: A1
W.E.W. WALTER E. WOOD, P.E. CONSULTING ENGINEER 168 WEST LONGLEAF DR SYLVESTER, GA 31791 NC PE LIC #044853		PAGE: 2 of 4 PLAN NO.: OCCUP: E

FRAME & FLOOR	WALLS, WINDOWS, DOORS CLG HGT. 8'	ELECTRICAL SGL PHASE	PLUMBING	ROOF 2x roof rails	EXTERIOR	A/C & HEAT
AXLES: (3) BRAKE BEAM: 10' STD HITCH: STD DET XXX	WALLS: 2"x4" @ 16" O.C. studs w/ dbl top plates PLUMBING WALL: 2"x6" at restroom @ 24" O.C.	ENT. PANEL: (2) 200 amp LIGHTS: (26) 4' 2-tube w/ LENS	TYPE: cpvc supply lines w/ cut-offs pvc waste lines stubbed thru floor only	45 MIL BLACK RUBBER ROOF TRUSS: #25,221 (20-24) @ 24' o.c.	SHEATHING: NONE	HVAC: (2) WA372-A10 60 amp #6 wire HEAT: 10kw
JOISTS: 2"x6" @ 16" o.c.	WOOD BLOCKING: porch lights, thermostats, tp. holder grab-bars, lav cabinet	(4) exterior weather proof porch light w/ blocking & photo-cell	WALL HUNG LAV: (1) w/ blocking VANITY: N/A	136 3/4" MOND MANSARD	BOT. TRIM: SMARTPANEL	DUCT: 17"x5" fiberglass supply
INSULATION: R-11 KF	COVERING: 1/2" (LODGA BEIGE) vinyl covered gypsum thru-out	(1) 90 cfm vent fan (1) drum light	MIRROR: (1) COMMODO: (1) handicap	RIDGE BEAM: (2) 30"x1 3/4"x24" MICROLAM BEAM EA. HALF (SPLICE @ 30')	SIDING: SMARTPANEL	RETURN AIR: SEE PRINT
DECKING: 23/32" PLYWOOD	EXT. INSUL: R-11 KF INT. INSUL: R-11	(1) 120v GFI RECEPT 44" AFF (4) Lighted exit signs w/ battery back-up	URINAL: SHOWER: N/A SPECIAL: N/A	CEILING: 1/2" SEASPRAY	TOP TRIM: SMARTPANEL MANSARD	THERMOSTAT: 9401-3450
COVERING: 1/8" (#51839) block tile R.R.'S 20oz #832 PECAN CARPET REMAINDER	w/ LEVER HANDLE /PANIC HARDWARE/CLOSURE/ DRIP CAP INT. DOORS: (3) 36"x80" 6-panel w/ lever hdw.	(4) DUAL HEAD EMERGENCY LIGHTS w/ BATTERY BACK UP @ 80" AFF TO THE BOTTOM	WATER HEATER: (1) 2 1/2 gallon water heater in o.h. cabinet at restrooms	INSULATION: R-19 KF DECKING: 1/2" GYP OVER 1/2" PLYWOOD		
outrigger frame w/ crossmembers & outriggers @ 48" o.c.	WINDOWS: (8) 36"x53" V/S ML/CL w/ MINIBLINDS	(2) 110 v EXTERIOR W.P GROUND FAULT RECEPT (WHILE IN USE)	GRAB BARS: (1) 36" (1) 42" 33" aff to center of grab-bars	TIE-DOWNS: SEE PRINT ATTIC VENTILATION: (6) roof vents per unit	DECALS: WILLIAMS SCOTSMAN	

SHORT BONDING STRAP

DBL FLOOR JOIST A/B MATELINE @ 30'

BEEFED UP FRAME FOR REAR A/C 'B' UNIT

adjust floor joist @ 28'

(1) 120v Ded recept for water heater (64" A.F.F.)

(1) T.P. HOLDER

(1) 4"x4" J-BOXES @ 80" AFF w/ CONDUIT STUBBED THRU FLOOR

BY EACH EXTERIOR DOOR IS A 4"x4" J-BOX @ 80" A.F.F. WITH CONDUIT TO A 2"x4" J-BOX @ 46" A.F.F. WITH CONDUIT THRU THE FLOOR FOR SITE INSTALLED ALARM SYSTEM.

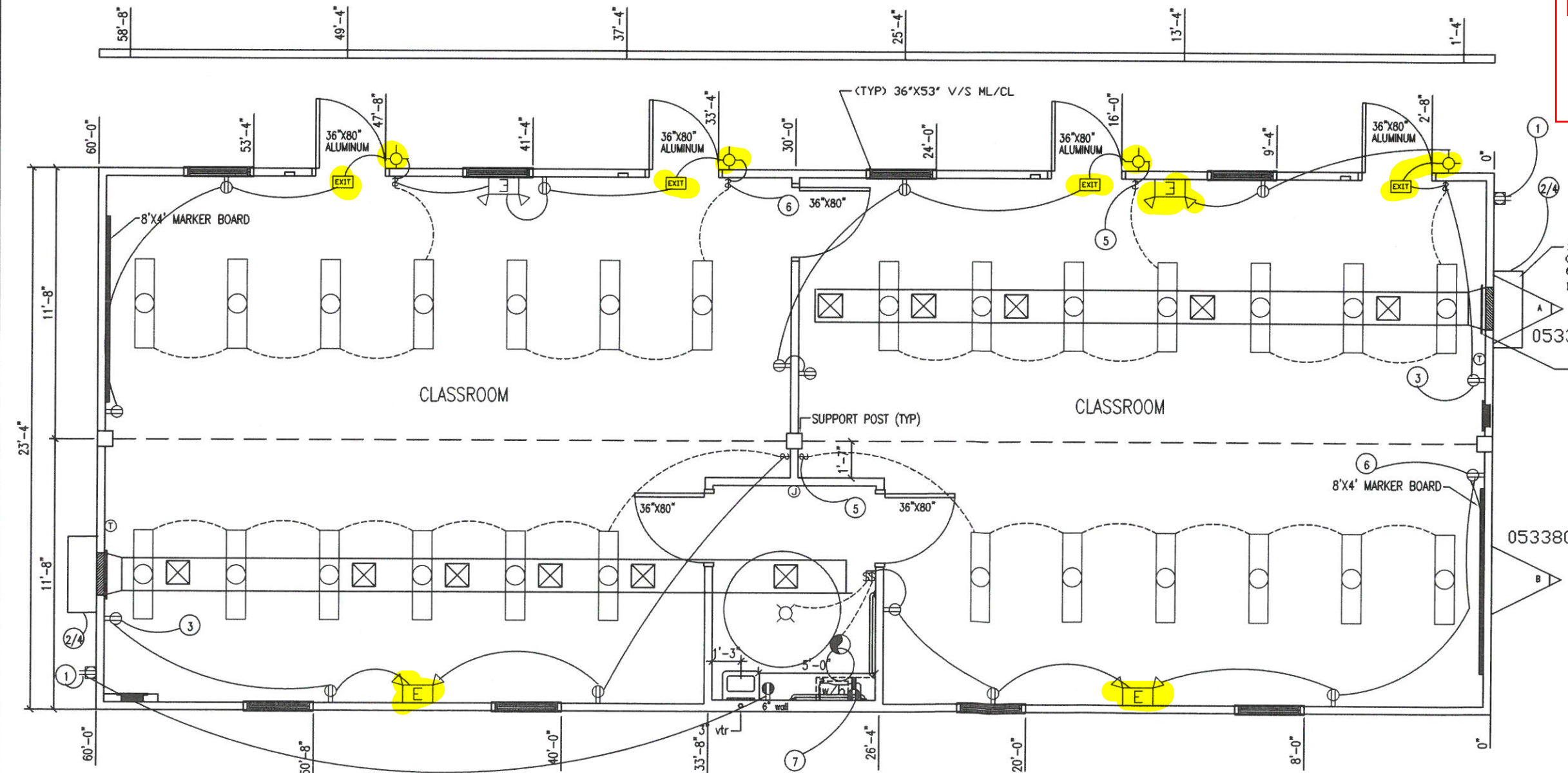
(2) 8"x4" MARKER BOARDS

NO TRUSS @ 30'-0"

ADD TRUSS @ 29'-0" AND 31'-0" (A & B)

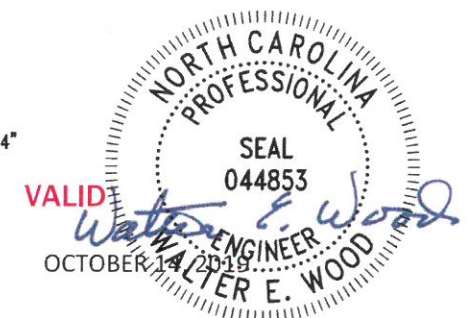
ADD (1) EXTRA TRUSSES @ 15' (A & B) AND (1) @ 45' (A & B) (TOTAL OF 6 EXTRA TRUSSES)

Reviewed For Code Compliance By:
D. Banks Wallace
Chief Deputy Fire Marshal
11/21/2019 10:57:13 AM

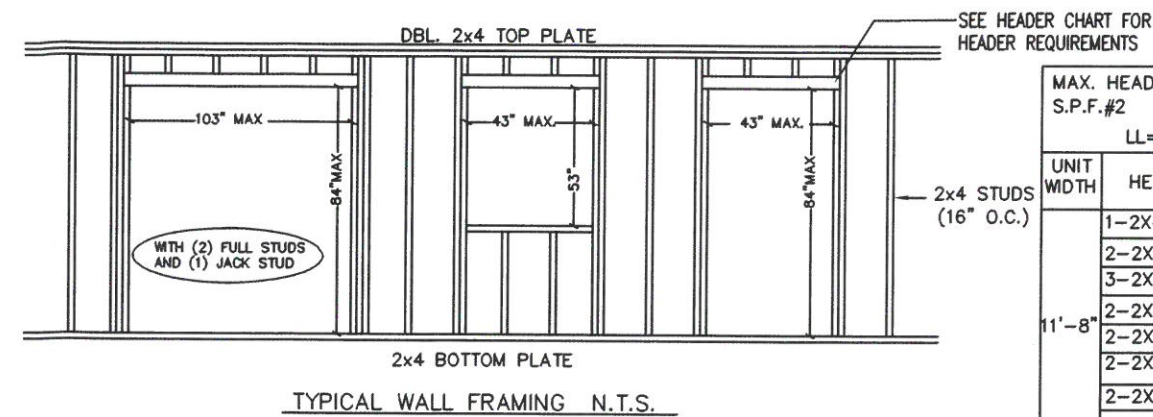
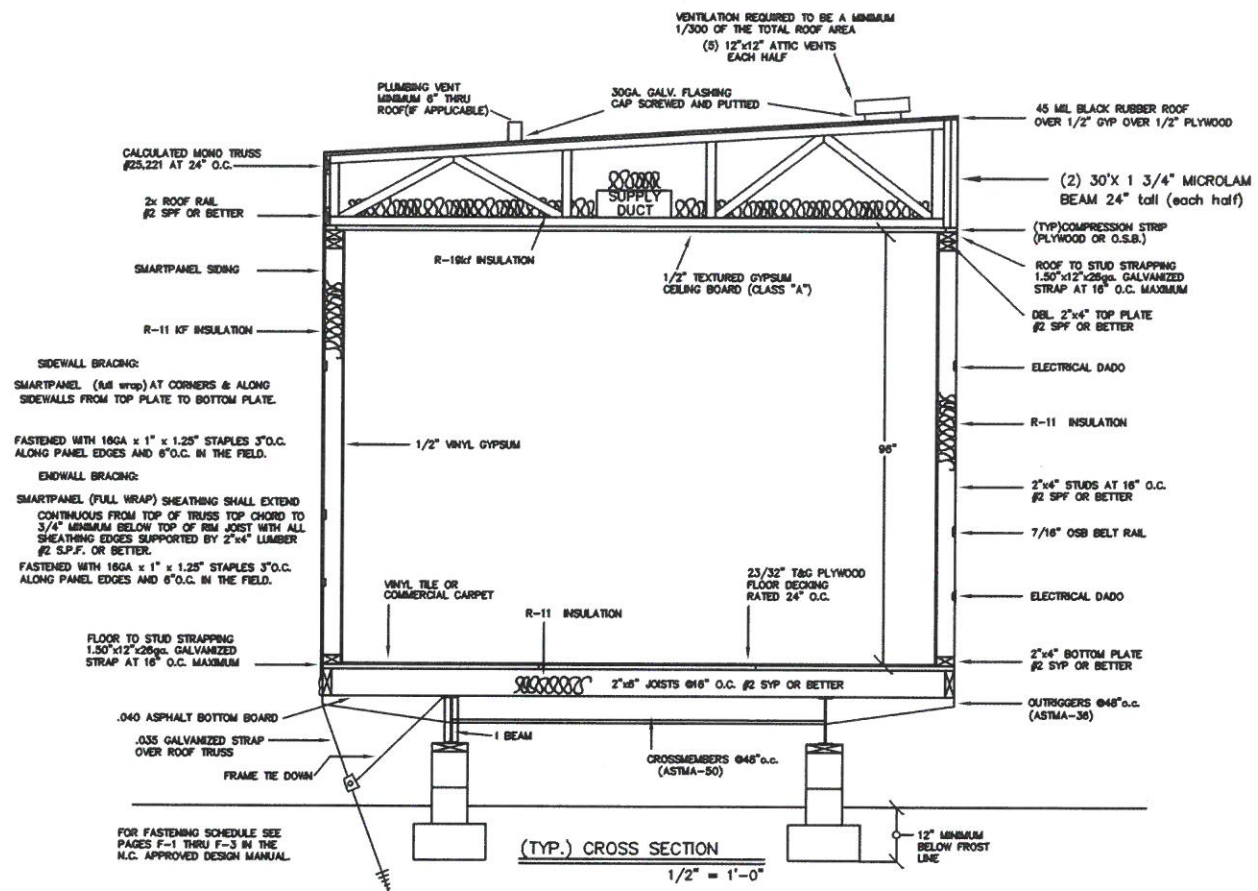


3 TON BARD (TYP) WA372-A10
60 amp #6 wire
10kw HEAT

(TYP) 28"x14" RETURN R.A.



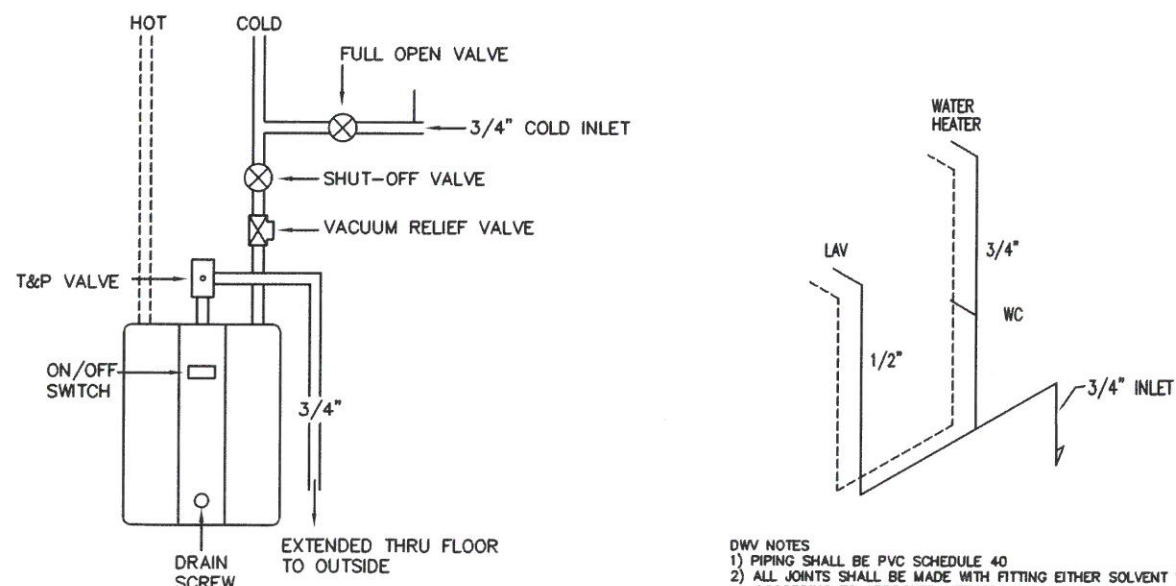
DEALER: ALAN CLAYTON ENTERPRISES 2814 FLEMING ROAD GREENSBORO, NC 27410 (336) 382-6001		
MANUFACTURER: T&R CUSTOM 3310 NORTH HIGHWAY 19 ELLAVILLE, GA 31806		
FLOOR/ELEC/HVAC PLAN		
DATE: 10-3-2019	BUILDING SIZE: 24'x60'	SERIAL NO.: 0533806-07
SCALE: 3/16"=1'-0"	DESTINATION: FUQUAY-VARINA, NC	DRAWING NO.: JLB-2019-0233
DRAWN BY: J.L.B.	LABEL(S): NC	
REV	DATE	BY
W.E.W. WALTER E. WOOD, P.E. CONSULTING ENGINEER 188 WEST LONGLEAF DR SYLVESTER, GA 31791 NC PE LIC #044853		SHEET: A2
PAGE: 3 of 4		PLAN NO.: OCCUP: E



MAX. HEADER SPAN TABLE
S.P.F.#2 D.F.= 1.15
LL=20 DL=16

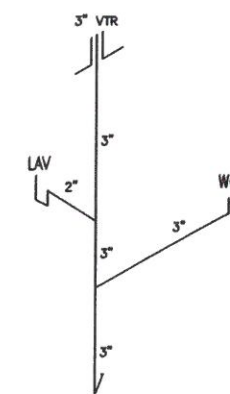
UNIT WIDTH	HEADER	SPAN
11'-8"	1-2X4 flat	25.9
	2-2X4 flat	49.4
	3-2X4 flat	74.1
	2-2X4 edge	53.4
	2-2X6 edge	76.6
	2-2X8 edge	98.9
	2-2X10 edge	116.3

- (1) SKIRT, SKIRT VENTILATION, & ACCESS TO BE PROVIDED & INSTALLED BY OWNER ON SITE.
- (2) ALL GLASS IN DOORS & WITHIN 24" OF DOORS IS SAFETY GLAZED.
- (3) HANDICAP ACCESS REQUIREMENTS TO BE PROVIDED & INSTALLED BY OWNER ON SITE.
- (4) FOUNDATION ENCLOSURES (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 150 SQ.FT. OF THE FLOOR AREA.
- (5) AN 18"x24" MINIMUM CRAWL SPACE ACCESS TO BE SITE INSTALLED BY OTHERS.

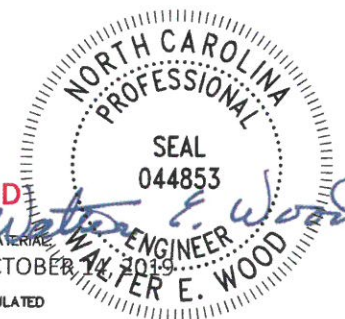


WATER HEATER DIAGRAM N.T.S.

- DWV NOTES
- 1) PIPING SHALL BE PVC SCHEDULE 40
 - 2) ALL JOINTS SHALL BE MADE WITH FITTING EITHER SOLVENT WELDED OR THREADED ACCORDING TO APPROVED METHODS.
 - 3) VERTICAL PIPING SHALL BE SUPPORTED AT BASE, MIDDLE, AND TOP.
 - 4) HORIZONTAL PIPING SHALL BE SUPPORTED MINIMUM 48" O.C. AND AT EACH CHANGE OF DIRECTION.
 - 5) ALL P-TRAP EXTENSION ARMS OVER 36" MIN. MUST BE SUPPORTED AT BASE AND AS CLOSE TO P-TRAP AS POSSIBLE.
 - 6) PIPING 2.50" AND BELOW TO HAVE .25" FALL IN DIRECTION OF FLOW.
 - 7) PIPING 3.00" AND ABOVE TO HAVE .125" FALL IN DIRECTION OF FLOW.
 - 8) ALL VENTS THRU ROOF MUST PENETRATE ROOF COVERING A MIN. OF 6" AND MUST BE PROPERLY FLASHED.
 - 9) FLASHING TO BE LEAD, COPPER, ALUMINUM, PLASTIC, OR NEOPRENE OF AN APPROVED TYPE.
 - 10) ALL PIPING BELOW FLOOR NOT CONCEALED IN FLOOR CAVITY TO BE INSULATED WITH R-4 OR BETTER.



- SUPPLY LINE NOTES
- 1) ALL SUPPLY LINES TO BE CPVC EXCEPT WHERE NOTED OTHERWISE.
 - 2) ALL JOINTS TO BE BY MANUFACTURER APPROVED METHODS.
 - 3) ALL FITTINGS TO BE PLASTIC, CHROME, BRASS, OR OTHER APPROVED MATERIAL.
 - 4) ALL SUPPLY LINES TO HAVE APPROVED SHUTOFF VALVES.
 - 5) LINES TO BE SUPPORTED VERTICALLY MAXIMUM 48" O.C.
 - 6) LINES TO BE SUPPORTED HORIZONTALLY MAXIMUM 32" O.C.
 - 7) ALL PIPING BELOW FLOOR NOT CONCEALED IN FLOOR CAVITY TO BE INSULATED WITH MIN. R-4.
 - 8) INTERCONNECTION OF SEPARATE WATER HEATERS TO BE DONE ON SITE BY LICENSED PLUMBER AND SUBJECT TO LOCAL CODE JURISDICTION.



DEALER: ALAN CLAYTON ENTERPRISES 2814 FLEMING ROAD GREENSBORO, NC 27410 (336) 382-6001	
MANUFACTURER: T&R CUSTOM 3110 NORTH HIGHWAY 19 ELLAVILLE, GA 31806	
BUILDING CROSS SECTION	
DATE: 10-3-2019	BUILDING SIZE: 24'x60'
SCALE: NONE	DESTINATION: FUQUAY-VARINA, NC
DRAWN BY: J.L.B.	LABEL(S): NC
REV	DATE BY DESCRIPTION
W.E.W. WALTER E. WOOD, P.E. CONSULTING ENGINEER 168 WEST LONGLEAF DR SYLVESTER, GA 31791 NC PE LIC #044853	
SHEET: X1 PAGE: 4 of 4 PLAN NO.: OCCUP: E	

