

FLOOR PLAN

$\frac{3}{16}'' = 1'-0''$

DOOR SCHEDULE	
(A)	3680 - STEEL DOOR w/6"x30" SAFETY GLASS VIEW BLOCK - STEEL JAMB - CLOSER - LEVER/DEADBOLT HARDWARE
(B)	3690 - SOLID CORE - FLAT PANEL DOOR TIMELY OR REDI FRAME JAMBS PAINTED STD - LEVER PRIVACY HARDWARE
WINDOW SCHEDULE	
(Y)	3660 - VERTICAL SLIDER DP 50 INSULATED LOW-E TINTED GLASS SAFETY GLASS VINYL FRAME - VINYL MINI BLINDS
(Z)	3660 - VERTICAL SLIDER DP 50 INSULATED LOW-E TINTED GLASS VINYL FRAME - VINYL MINI BLINDS

SYMBOL LEGEND	
	SINGLE POLE WALL MOUNT LIGHT SWITCH
	OCCUPANCY SENSOR WALL MOUNT LIGHT SWITCH
	J-BOX IN WALL (NON POWERED)
	POWERED J-BOX IN CEILING
	120 V DUPLEX RECEPTACLE
	2'X4' RECESSED FLUORESCENT LIGHT FIXTURE W/ 2-32W BULBS
	2'X2' RECESSED FLUORESCENT LIGHT FIXTURE W/ 1-32W BULB
	COMBINATION 100 CFM EXHAUST FAN W/ 60 W LIGHT
	24'X24' RETURN AIR CEILING REGISTER
	24'X24' SUPPLY AIR CEILING REGISTER
	6' Ø SUPPLY AIR CEILING REGISTER
	FLUSH MOUNT 120 / 240 V 1 Ø ELECTRICAL PANEL
	WALL MT DIGITAL 7-DAY PROGRAMMABLE THERMOSTAT
	EXTERIOR REMOTE HEAD EMERGENCY LIGHT
	CEILING MT COMBO LIGHTED EXIT SIGN / EMERGENCY LIGHT 90 MINUTE CAPACITY
	60 W EXTERIOR PORCH LIGHT W/ PHOTO CELL, WEATHER PROOF

COLUMN STUDS AND STRAPPING

INDICATES COLUMN DESCRIPTION LOCATIONS (EACH HALF)

INDICATES THE REQUIREMENT FOR A BEARING STIFFENER

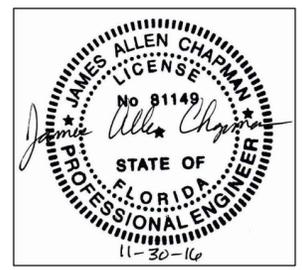
INDICATES TYPE OF TIE DOWN STRAP (SEE DESIGN PACKAGE FOR ADDITIONAL SPECIFICATIONS) LOCATIONS (QTY IS 1 UNLESS NOTED OTHERWISE)

COLUMN DESCRIPTIONS

A - 2-2"x6" SYP #2 EACH HALF
 B - 2-2"x4" SYP #2 EACH HALF
 C - 3-2"x4" SYP #2 EACH HALF

TIE DOWN STRAPPING

T1 = 20 GA x 1.5" GALV STEEL STRAP WITH (6) 0.148"Ø x 1.5" NAILS EACH END.
 2- 26 GA x 1.5" GALV STEEL STRAPS MAY BE SUBSTITUTED DR 1- 20 GA x 1.5" STRAP.
 T2 = 26 GA x 1.5" GALV STEEL STRAP WITH (7) 14 GA DR 15 GA x $\frac{3}{8}$ " x 1" PENETRATION STAPLES EACH END.
 T3 = 0.035" (20 GA) x 1.25" HDT-DIPPED GALV. STEEL STRAP (60 DR BETTER) COMPLYING WITH ASTM D3953-91, Fy=108 KSI, 4725 LB. MINIMUM ULTIMATE CAPACITY, FASTENED TO RIDGE BEAM WITH (17) 0.148"Ø x 1.5" NAILS (Fyb= 90 KSI MIN) AND EXTENDED CONTINUOUSLY BELOW FLOOR.



ELECTRICAL SIZING	120/240V	SGL PHASE	INSTALL	125
PANEL A				AMP PANEL
ID	QTY	UNITS	KW	SUB-TOTAL
HVAC 3 TON	1	EACH	13.9	13.9
WATER HEATER	0	EACH	1.75	0.0
LIGHTS	777	SQ FT	0.0035	3.4
RECEPTACLES	18	EACH	0.18	3.2
EXHAUST FANS	0	EACH	0.4	0.0
DEDICATED CIRCUITS	0	EACH	1.9	0.0
		TOTAL =	20.5	KW
		TOTAL =	85.6	AMPS

ELECTRICAL SIZING	120/240V	SGL PHASE	INSTALL	125
PANEL B				AMP PANEL
ID	QTY	UNITS	KW	SUB-TOTAL
HVAC 3 TON	1	EACH	13.9	13.9
INSTANT WATER HEATER	1	EACH	1.75	2.4
LIGHTS	451	SQ FT	0.0035	2.0
RECEPTACLES	16	EACH	0.18	2.9
EXHAUST FANS	0	EACH	0.4	0.0
DEDICATED CIRCUITS	1	EACH	1.9	1.9
		TOTAL =	23.1	KW
		TOTAL =	96.1	AMPS

ELECTRICAL SIZING	120/240V	SGL PHASE	INSTALL	125
PANEL C				AMP PANEL
ID	QTY	UNITS	KW	SUB-TOTAL
HVAC 3 TON	1	EACH	13.9	13.9
WATER HEATER	0	EACH	1.75	0.0
LIGHTS	645	SQ FT	0.0035	2.8
RECEPTACLES	20	EACH	0.18	3.6
EXHAUST FANS	2	EACH	0.4	0.8
DEDICATED CIRCUITS	1	EACH	1.9	1.9
		TOTAL =	23.0	KW
		TOTAL =	95.9	AMPS

ELECTRICAL PANEL SCHEDULE - A

CIRCUIT ID	DESCRIPTION	BREAKER	WIRE
1, 3 A	HVAC - 3 TON	60A (2P) HACR	6-6-10 MC
2 A	LIGHTS	20A	12
4 - 6 A	RECEPTS	20A	12
5 A	CEILING MT J-BOX	20A	12

ELECTRICAL PANEL SCHEDULE - B

CIRCUIT ID	DESCRIPTION	BREAKER	WIRE
1, 3 B	HVAC - 3 TON	60A (2P) HACR	6-6-10 MC
2 B	LIGHTS	20A	12
4, 6, 8 B	RECEPTS / FANS	20A	12
7 B	DEDICATED CKTS	20A	12
5 B	WATER HEATER - 2.5 GAL	20A	12

ELECTRICAL PANEL SCHEDULE - C

CIRCUIT ID	DESCRIPTION	BREAKER	WIRE
1, 3 C	HVAC - 3 TON	60A (2P) HACR	6-6-10 MC
2 C	LIGHTS / FANS	20A	12
4 - 6 C	RECEPTS	20A	12
7 C	DEDICATED CKTS	20A	12

TITAN MODULAR SYSTEMS, INC.

162 INDUSTRIAL DRIVE * ALMA, GA 31510
 912-632-3344 (PH) * 912-632-3345 (FX)

DATE: 11-21-16	ENGINEER: JAMES ALLEN CHAPMAN, P.E.
SCALE: $\frac{3}{16}'' = 1'-0''$	ELLAVILLE GA, 31806
CODES: FL	

TMS-2847 A-C - 36'x60' - BUSINESS
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