Floor & Plumbing Plan

Dimensions (top): 60'-0" | 48'-4" | 37'-0" | 31'-11" | 29'-6" | 25'-5" | 24'-10" | 16'-2" | 7'-4" | 1'-2" (TYP. PLENUM(S))

5'-6" CLEAR | 1 1/2" BV | 5'-6" CLEAR

LINE PLENUM WITH 1/2" GYPSUM BOARD (TYPICAL)

15" CLEAR | 32" CLEAR | 32" CLEAR | 15" CLEAR

30"X48" | 30"X48"

1 1/2" BV | 1 1/2" VTR | 1 1/2" BV

Y | o 1 1/2" VTR | A

3 TON HVAC W/10 KW HEAT STRIP 975 CFM @ 0.4 IWC ESP 240V., 1ø HVAC UNIT PROVIDED WITH FRESH AIR INTAKE. CKT. #1,3A BARD W36A2–A10XX

12" MIN.

10 GAL W/H

BREAK AREA

4'-0"

7'-9" | 3'-9" | 3'-9" | 7'-9"

VCT | VCT

△ A

2" VTR | 3'-0" | 18" MIN. | 18" MIN. | 3'-0"

24" | 24"

ICE MAKER

VCT CARPET TILES

△ B

11'-8"

C (3)T1 | A (2)T2 | A (2)T2 | B (2)T2 | C (3)T1

53'-6" | 44'-2"

5'-8"

3/4"x48"x48" PHONE BOARD

8'-8"

B

IT ROOM VCT

OFFICE SPACE CARPET TILES

3 TON HVAC W/10 KW HEAT STRIP 975 CFM @ 0.4 IWC ESP 240V., 1ø HVAC UNIT PROVIDED WITH FRESH AIR INTAKE. CKT. #1,3B BARD W36A2–A10XX

G (2)T1

2'-4"

OFFICE SPACE CARPET TILES

49'-0"

E (4)T1

D (2)T2

B (3)T1

6"

11'-8"

24'-10' | 14'-10'

3 TON HVAC W/10 KW HEAT STRIP 975 CFM @ 0.4 IWC ESP 240V., 1ø HVAC UNIT PROVIDED WITH FRESH AIR INTAKE. CKT. #1,3C BARD W36A2–A10XX

Z

OFFICE CARPET TILES

46'-8"

Z

B

49'-0"

E (4)T1

F (2)T3

C (3)T1

G (2)T1

6"

2'-4'

OFFICE SPACE CARPET TILES

16'-4'

8'-6'

3 TON HVAC W/10 KW HEAT STRIP 975 CFM @ 0.4 IWC ESP 240V., 1ø HVAC UNIT PROVIDED WITH FRESH AIR INTAKE. CKT. #1,3D BARD W36A2–A10XX

△ C

△ D

11'-8"

Z

4'-6" | 4'-4"

Z | Z | Z

48'-0" | 36'-6" | 25'-5" | 16'-6" | 7'-6"

△ A

COLUMN & COLUMN STRAPPING LEGEND

- A — INDICATES TYPE OF STUD
- (2)T1 — INDICATES TYPE OF TIE DOWN STRAP
- ✳ — INDICATES WITH RIDGE BEAM BEARING STIFFENER (SEE RIDGE BEAM NOTES FOR SPECIFICATIONS)

COLUMN DESCRIPTIONS

- A (2) 2x4 SYP #2 THIS HALF WITH (2) T2 TIE DOWN STRAPS THIS HALF
- B (2) 2x4 SYP #2 EACH HALF WITH (2) T2 TIE DOWN STRAPS EACH HALF
- C (3) 2x4 SYP #2 EACH HALF WITH (3) T1 TIE DOWN STRAPS EACH HALF
- D (2) 2x4 SYP #2 EACH HALF WITH (2) T1 TIE DOWN STRAPS EACH HALF
- E (4) 2x4 SYP #2 EACH HALF WITH (4) T1 TIE DOWN STRAPS EACH HALF
- F (3) 2x4 SYP #2 EACH HALF WITH (3) T3 TIE DOWN STRAPS EACH HALF
- G (2) 2x6 SYP #2 EACH HALF WITH (2) T1 TIE DOWN STRAPS EACH HALF

NOTES:
1. ALL COLUMN STUDS SHALL BE NAILED TOGETHER PER NDS AND FASTENED TOGETHER WITH 100% PVA GLUE COVERAGE.
2. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.
3. STRAPS SHALL NOT BE OVERLAPPED OR DOUBLED UNLESS SPECIFIED OTHERWISE.

TIE DOWN STRAP DESCRIPTIONS

T1 20 GA X 1–1/2" GALV. STEEL STRAP WITH (6) 0.148"ø X 3" NAILS EACH END. TWO 26 GA X 1–1/2" GALV. STEEL STRAPS MAY BE SUBSTITUTED FOR ONE 20 GA X 1–1/2" STRAP. IN NO CASE SHALL SPLITTING OF WOOD BE PERMITTED.

T2 26 GA X 1–1/2" GALV. STEEL STRAP WITH (7) 14 OR 15 GA X 7/16" X 1–1/8" STAPLES EACH END.

T3 1–1/4" X .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAP CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING TO ASTM D3953–91 SHALL EXTEND CONTINUOUSLY FROM RIDGE BEAM TO FOUNDATION GROUND ANCHOR AND SHALL BE FASTENED WITH 0.148"ø X 3" EVENLY SPACED NAILS, 17 INTO RIDGE BEAM, 3 INTO COLUMN, AND 3 INTO FLOOR RIM JOISTS. SEE "MATE LINE TIE DOWN STRAP DETAIL" AND "SECTION B–B" ON FOUNDATION DETAILS PAGE FOR ADDITIONAL INSTALLATION REQUIREMENTS. TIE DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY. IN ADDITION, INSTALL ONE T1 TYPE STRAP FROM RIDGE BEAM TO COLUMN AND COLUMN TO FLOOR RIM JOIST AT EACH COLUMN LOCATION.

05-04-2017

KENNETH A. GODFREY
LICENSE No. 40131
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REVIEWED BY:

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	B
FLOOR LL	50 PSF
WIND VELOCITY	170(ult) MPH
FIRE RATING OF EXT. WALLS	0 HRS
ALLOWABLE NO. OF FLOORS	1
MANUFACTURER	TMS
PLAN NUMBER	3298
APPROVAL DATE	May 05, 2017
HIGH VELOCITY HURRICANE ZONE	NO
	RADCO

TITAN MODULAR SYSTEMS, INC.

162 INDUSTRIAL DRIVE
ALMA, GEORGIA 31510 (912) 632–3344

DATE: 04/28/2017	KENNETH A. GODFREY, P.E. 490 RUSTIC BARN TRAIL MORGANTON, GA 30560 FL PE#40131
SCALE : 1/4" = 1'–0" BASED ON 24" X 18" PAPER SIZE	
CODES: SEE SUMMARY	REVISIONS:	BY:
LABELS: RADCO., FL.		KAG.
		SHEET
TMS 3298 A/D	46'-8" x 60'-0"	3 OF 7
FLOOR & PLUMBING PLAN	KAG. NO. 042417TMS	

DOOR SCHEDULE

- A 3680 — STEEL DOOR W/6"X30" SAFETY GLASS VIEW BLOCK — STEEL JAMB — CLOSER — PANIC HARDWARE
- B 3680 — SOLID CORE — FLAT PANEL IMPERIAL OAK DOOR — TIMELY OR REDI FRAME & JAMB LEVER (KEYED) HARDWARE
- C 3680 — SOLID CORE — FLAT PANEL IMPERIAL OAK DOOR — TIMELY OR REDI FRAME & JAMB LEVER PRIVACY HARDWARE

WINDOW SCHEDULE

- Y 3636 — VERTICAL SLIDER INSULATED LOW-E TINTED GLASS VINYL FRAME — VINYL MINI BLINDS
- Z 3660 — VERTICAL SLIDER INSULATED LOW-E TINTED GLASS VINYL FRAME — VINYL MINI BLINDS