ELECTRICAL SCHEDULE 'A'

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	60 A (2P) HACR	6-2 #10 GRND.
10, 12	WATER HEATER	20A(1P)	12-2 NM
9, 14	DED. CKT. 1.9KW 120V.,1ø	20A(1P)	12-2 NM
5, 6, 7, 8	RECEPTACLES	20 A	12-2 NM
2, 4	LIGHTING/FAN	20 A	12-2 MC

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'A' KVA
GENERAL LIGHTING	
.0035 KW/SF X 700 SF X 1.25=	3.1
16 RECEPTS AT 180VA/1000=	2.9
WATER HEATER 1.9 KW x 1.25=	2.4
2 FANS AT .3 KW X 1.25=	.8
HVAC	10.5
DED. CKT. 1.9 KW x 1.25=	2.4

TOTAL 22 KW
TOTAL/240 X 1000= 92 AMPS
INSTALL 125 AMP PANEL
120/240 V 1ø

ELECTRICAL SCHEDULE 'B'

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	60 A (2P) HACR	6-2 #10 GRND.
7	DED. CKT. 1.9KW 120V.,1ø	20A(1P)	12-2 MC
4, 5, 6	RECEPTACLES	20 A	12-2 MC
2	LIGHTING	20 A	12-2 MC

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'B' KVA
GENERAL LIGHTING	
.0030 KW/SF X 700 SF X 1.25=	3.1
10 RECEPTS AT 180VA/1000=	1.8
DED. CKT. 1.9 KW x 1.25=	2.4
— FANS AT .3 KW X 1.25=	—
HVAC	10.4

TOTAL 17.8 KW
TOTAL/240 X 1000= 75 AMPS
INSTALL 125 AMP PANEL
120/240 V 1ø

ELECTRICAL SCHEDULE 'C'

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	60 A (2P) HACR	6-2 #10 GRND.
4, 5,	RECEPTACLES	20 A	12-2 MC
2	LIGHTING	20 A	12-2 MC

ELECTRICAL PANEL SIZING:

DESCRIPTION	PANEL 'C' KVA
GENERAL LIGHTING	
.0030 KW/SF X 700 SF X 1.25=	3.1
13 RECEPTS AT 180VA/1000=	2.4
DED. CKT. 1.9 KW x 1.25=	—
— FANS AT .3 KW X 1.25=	—
HVAC	10.4

TOTAL 16 KW
TOTAL/240 X 1000= 67 AMPS
INSTALL 125 AMP PANEL
120/240 V 1ø

ELECTRICAL SCHEDULE 'D'

CIRCUIT	NOMENCLATURE	BREAKER (AMPS)	WIRE (CU.)
1, 3	HVAC	60 A (2P) HACR	6-2 #10 GRND.
4, 5, 6	RECEPTACLES	20 A	12-2 MC
2	LIGHTING	20 A	12-2 MC

ELECTRICAL PANEL SIZING:

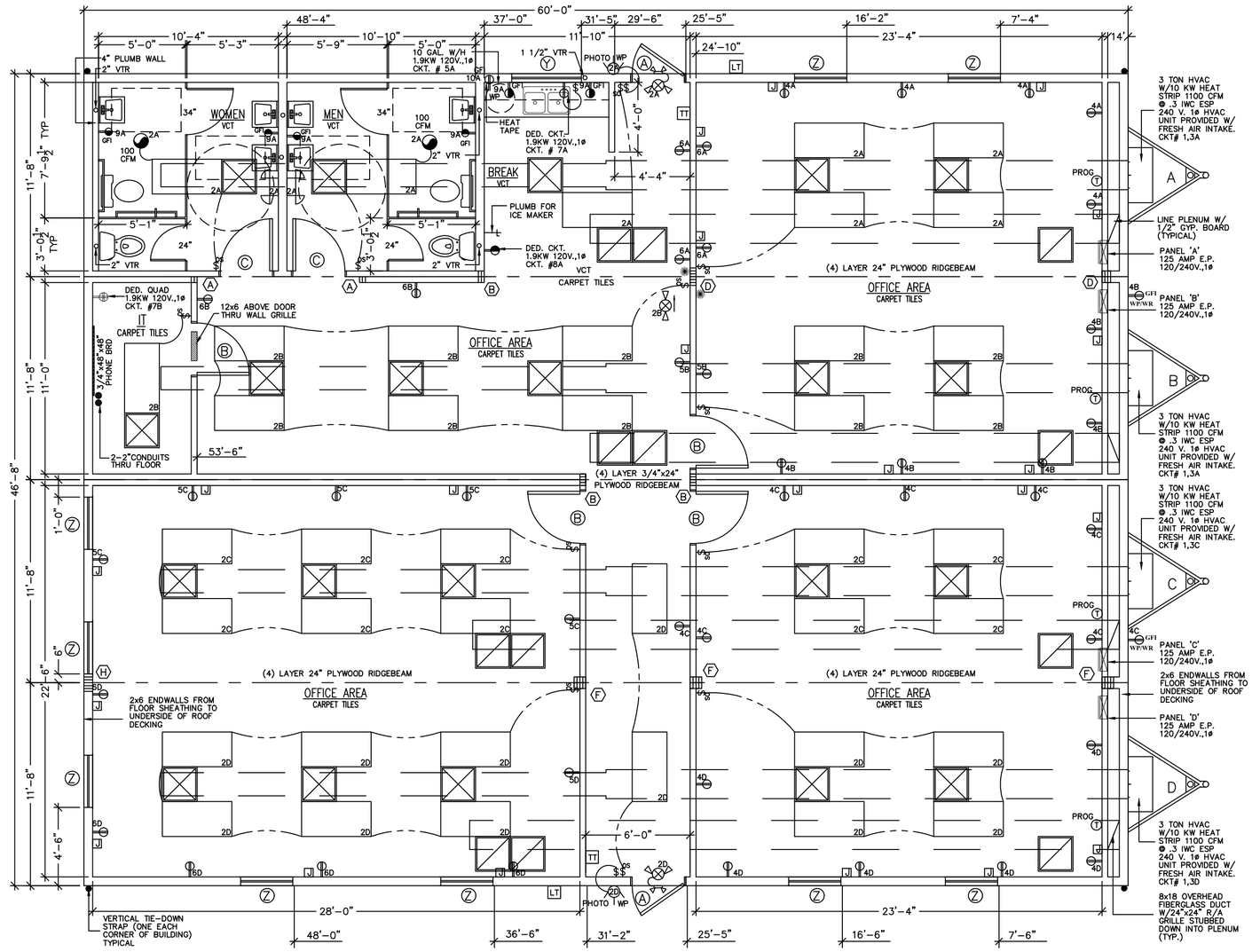
DESCRIPTION	PANEL 'D' KVA
GENERAL LIGHTING	
.0030 KW/SF X 700 SF X 1.25=	3.1
12 RECEPTS AT 180VA/1000=	2.2
DED. CKT. 1.9 KW x 1.25=	—
— FANS AT .3 KW X 1.25=	—
HVAC	10.4

TOTAL 15.7 KW
TOTAL/240 X 1000= 66 AMPS
INSTALL 125 AMP PANEL
120/240 V 1ø

SYMBOLS

J-BOXES ONLY

- P — FIRE ALARM PULL STATION
- H — FIRE ALARM HORN/STROBE
- S — FIRE ALARM STROBE LIGHT
- J — JUNCTION BOX (NON POWERED UNLESS CIRCUIT NO. IS SHOWN)
- S — SMOKE DETECTOR
- DUPLEX RECEPTACLE 120 V.
- SINGLE RECEPTACLE 240 V.
- PORCH LIGHT WITH 1- 11 W. BULB
- CAN LIGHT LIGHT 1-60 W. BULB
- HIGH PRESSURE SODIUM LIGHT
- METAL HALIDE WALL PACK
- VENT FAN
- COMB. VENT FAN & LIGHT
- SUPPLY AIR REGISTER
- RETURN AIR REGISTER
- FLOOD LIGHT 2-150W BULBS
- T — THERMOSTAT
- LED LIGHT FIXTURE WITH 2-22W TUBES
- LED LIGHT FIXTURE WITH 2-22W TUBES
- EXIT/EMERGENCY COMBO W/BATTERY BACKUP
- EXIT/EMERGENCY COMBO W/REMOTE HEAD W/BATTERY BACKUP
- EXIT — EXIT/EMERGENCY COMBO W/BATTERY BACKUP
- EXIT SIGN W/BATTERY BACKUP
- EMERGENCY LIGHT WITH BATTERY BACKUP
- TELEPHONE JACK
- $ $ — SWITCH & 3 WAY SWITCH
- OCC $ — OCCUPANCY SENSOR SWITCH
- FIRE EXTINGUISHER



LT — THE FLOOR AND ROOF DESIGN OF THIS PLAN IS "LIGHT FRAME TRUSS-TYPE CONSTRUCTION" AS REFERENCED IN FAC RULE 69A-3.012(6). POSTING OF NOTICE SIGN(S) AS REQUIRED BY FAC 69A-3.012(6) SHALL BE INSTALLED ON SITE BY OTHERS. THE SYMBOLS MUST BE INSTALLED WITHIN 24" TO THE LEFT SIDE OF THE MAIN ENTRANCE OF THE FACILITY. IT MUST BE LOCATED BETWEEN 4 FEET AND 6 FEET ABOVE THE FINISHED FLOOR.

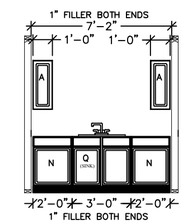
TT — TACTILE SIGNAGE SHALL BE LOCATED ON EITHER SIDE OF DOORS AT ALL EXITS, INSTALLED ON SITE BY OTHERS.

DOOR SCHEDULE

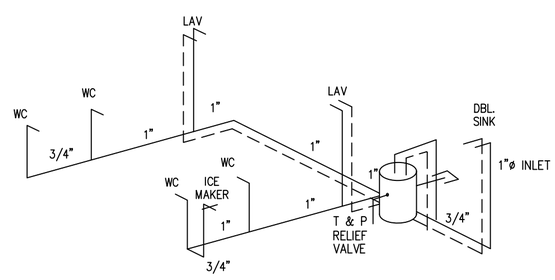
A	3680 – STEEL DOOR w/10"x10" SAFETY GLASS VIEW BLOCK – STEEL JAMB – CLOSER – LEVER HARDWARE
B	3680 – SOLID CORE – FLAT PANEL DOOR IMP. OAK – TIMELY OR REDI FRAME JAMB PAINTED STD – KEYED LEVER HARDWARE
C	3680 – HOLLOW CORE – FLAT PANEL DOOR IMP. OAK – TIMELY OR REDI FRAME JAMB PAINTED STD – PUSH/PULL HARDWARE

WINDOW SCHEDULE

Z	36W x 60H VERTICAL SLIDER DP 50 INSULATED LOW-E TINTED GLASS WHITE VINYL FRAME – VINYL MINI BLINDS
Y	48W x 28H HORIZONTAL SLIDER DP 50 INSULATED LOW-E TINTED GLASS WHITE VINYL FRAME – VINYL MINI BLINDS



INTERIOR ELEVATION



SUPPLY RISER –NTS–

COLUMN STRAPPING SCHEDULE:

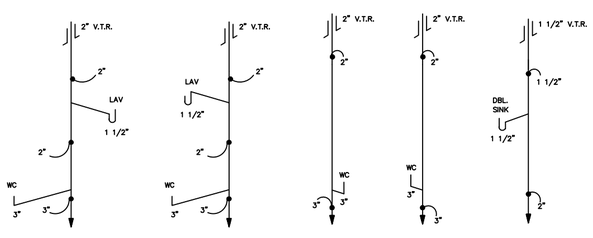
- (A) (2) 2x4 SYP #2 THIS HALF.
- (B) (2) 2x4 SYP #2 EACH HALF
- (C) (3) 2x4 SYP #2 THIS HALF.
- (D) (3) 2x4 SYP #2 EACH HALF.
- (E) (4) 2x4 SYP #2 THIS HALF.
- (F) (4) 2x4 SYP #2 EACH HALF.
- (G) (5) 2x4 SYP #2 THIS HALF.
- (H) (2) 2x6 SYP #2 EACH HALF.
- WITH RIDGE BEAM BEARING STIFFENER

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

SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

— — — COLD
— — — — HOT

ALL SUPPLY LINES SHALL BE 3/4", ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED.



DWV RISER NTS

GCMC
2019
APPROVED
Jan 07 2022

GCMC LLC
12749 PLACID RD.
HUDSON FL 34667
PH: (727) 226-3730
Michael A. Frey CEO

CONSULTING ENGINEER: WALTER E. WOOD, P.E. – 168 W. LONGLEAF DR. – SYLVESTER, GA. 31791

WALTER E. WOOD LICENSE No. 61323 STATE OF FLORIDA PROFESSIONAL ENGINEER
VALID
01-06-2022

TITAN MODULAR SYSTEMS, INC.
162 INDUSTRIAL DRIVE ALMA, GA. 31510
912-632-3344 (PH) 912-632-3345 (FX)

DATE: 12-23-21	
SCALE : 3/16"=1'-0"	
CODES: SEE NOTES	
STATES: FL.	BY: W.E.W.
TMS6554 A-D 46'-8" x 60'-0" BUSINESS-STOCK	SHEET 2 OF 4
FLOOR PLAN	