

SYMBOLS

— 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) |
| SD | SMOKE DETECTOR |
| DR | DUPLEX RECEPTACLE 120 V. |
| SR | SINGLE RECEPTACLE 240 V. |
| IL | INCANDESCENT LIGHT WITH 1-60 W. BULB |
| PL | PORCH LIGHT LIGHT 1-60 W. BULB |
| VF | VENT FAN |
| CV | COMB. VENT FAN & LIGHT |
| AR | SUPPLY AIR REGISTER |
| RR | RETURN AIR REGISTER |
| T | THERMOSTAT |
| LF | LED LIGHT FIXTURE WITH 25W TUBE |
| LF2 | LED LIGHT FIXTURE WITH 2-25W TUBES |
| EX | EXIT/EMERGENCY COMBO W/BATTERY BACKUP |
| EX2 | EXIT/EMERGENCY COMBO W/REMOTE HEAD W/BATTERY BACKUP |
| EX3 | EXIT SIGN W/BATTERY BACKUP |
| EL | EMERGENCY LIGHT WITH BATTERY BACKUP |
| TJ | TELEPHONE JACK |
| SW | SWITCH & 3 WAY SWITCH |
| OS | OCCUPANCY SENSOR SWITCH |
| FE | FIRE EXTINGUISHER |

ELECTRICAL SCHEDULE 'E'

| CIRCUIT | NOMENCLATURE | BREAKER (AMPS) | WIRE (CU.) |
|---------|--------------------------|----------------|------------|
| 1, 3 | HVAC | 60 A (2P) HACR | #10 GRND. |
| 8 | DED. CKT. 1.9KW 120V, 1φ | 20 A (1P) | 12-2 NM |
| 4, 5, 7 | RECEPTACLES | 20 A | 12-2 NM |
| 2 | LIGHTING | 20 A | 12-2 NM |

ELECTRICAL PANEL SIZING:

| DESCRIPTION | PANEL 'E' | KVA |
|------------------------------|---------------|-----|
| GENERAL LIGHTING | | |
| .0035 KW/SF X 653 SF X 1.25= | 2.9 | |
| 19 RECEPTS AT 180VA/1000= | 3.4 | |
| DED. CKT. 1.9KW X 1.25 = | 2.4 | |
| — FANS AT .3 KW X 1.25= | — | |
| HVAC | 10.5 | |
| TOTAL | 18.8 KW | |
| TOTAL/240 X 1000= | 79 AMPS | |
| INSTALL | 125 AMP PANEL | |
| 120/240 V 1φ | | |

ELECTRICAL SCHEDULE 'C'

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

ELECTRICAL PANEL SIZING:

| DESCRIPTION | PANEL 'C' | KVA |
|------------------------------|---------------|-----|
| GENERAL LIGHTING | | |
| .0035 KW/SF X 653 SF X 1.25= | 2.9 | |
| 17 RECEPTS AT 180VA/1000= | 3.1 | |
| DED. CKT. 1.9KW X 1.25 = | 2.4 | |
| — FANS AT .3 KW X 1.25= | — | |
| HVAC | 10.5 | |
| TOTAL | 21.6 KW | |
| TOTAL/240 X 1000= | 90 AMPS | |
| INSTALL | 125 AMP PANEL | |
| 120/240 V 1φ | | |

ELECTRICAL SCHEDULE 'A'

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

ELECTRICAL PANEL SIZING:

| DESCRIPTION | PANEL 'A' | KVA |
|------------------------------|---------------|-----|
| GENERAL LIGHTING | | |
| .0035 KW/SF X 653 SF X 1.25= | 2.9 | |
| 17 RECEPTS AT 180VA/1000= | 3.1 | |
| WATER HEATER 1.9 KW X 1.25= | 2.4 | |
| 2 FANS AT .3 KW X 1.25= | — | |
| HVAC | 10.5 | |
| DED. CKT. 1.9KW X 1.25 = | 2.4 | |
| TOTAL | 22.1 KW | |
| TOTAL/240 X 1000= | 93 AMPS | |
| INSTALL | 125 AMP PANEL | |
| 120/240 V 1φ | | |

ELECTRICAL SCHEDULE 'D'

| CIRCUIT | NOMENCLATURE | BREAKER (AMPS) | WIRE (CU.) |
|------------|--------------------------|----------------|------------|
| 1, 3 | HVAC | 60 A (2P) HACR | #10 GRND. |
| 8 | DED. CKT. 1.9KW 120V, 1φ | 20 A (1P) | 12-2 NM |
| 4, 5, 6, 7 | RECEPTACLES | 20 A | 12-2 NM |
| 2 | LIGHTING | 20 A | 12-2 NM |

ELECTRICAL PANEL SIZING:

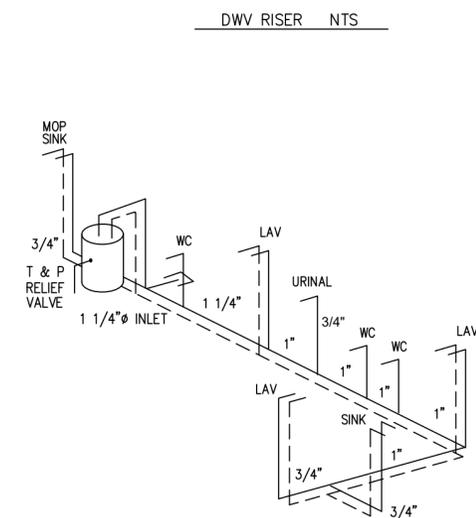
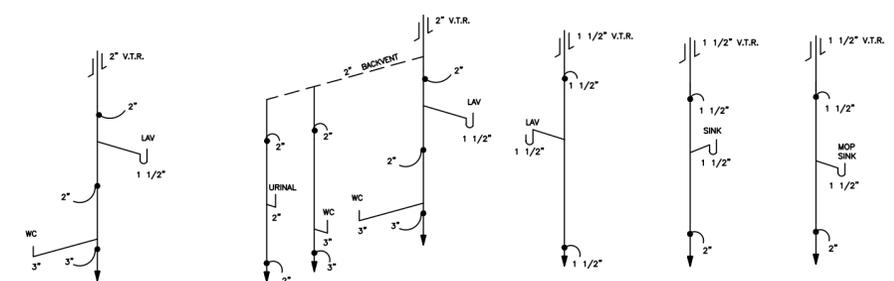
| DESCRIPTION | PANEL 'D' | KVA |
|------------------------------|---------------|-----|
| GENERAL LIGHTING | | |
| .0035 KW/SF X 653 SF X 1.25= | 2.9 | |
| 22 RECEPTS AT 180VA/1000= | 4.0 | |
| DED. CKT. 1.9KW X 1.25 = | 2.4 | |
| — FANS AT .3 KW X 1.25= | — | |
| HVAC | 10.5 | |
| TOTAL | 19.8 KW | |
| TOTAL/240 X 1000= | 83 AMPS | |
| INSTALL | 125 AMP PANEL | |
| 120/240 V 1φ | | |

ELECTRICAL SCHEDULE 'B'

| CIRCUIT | NOMENCLATURE | BREAKER (AMPS) | WIRE (CU.) |
|------------|--------------------------|----------------|------------|
| 1, 3 | HVAC | 60 A (2P) HACR | #10 GRND. |
| 8 | DED. CKT. 1.9KW 120V, 1φ | 20 A (1P) | 12-2 NM |
| 4, 5, 6, 7 | RECEPTACLES | 20 A | 12-2 NM |
| 2 | LIGHTING | 20 A | 12-2 NM |

ELECTRICAL PANEL SIZING:

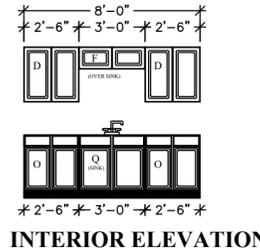
| DESCRIPTION | PANEL 'B' | KVA |
|------------------------------|---------------|-----|
| GENERAL LIGHTING | | |
| .0035 KW/SF X 653 SF X 1.25= | 2.9 | |
| 28 RECEPTS AT 180VA/1000= | 4.7 | |
| DED. CKT. 1.9KW X 1.25 = | 2.4 | |
| 1 FANS AT .3 KW X 1.25= | — | |
| HVAC | 10.5 | |
| TOTAL | 20.5 KW | |
| TOTAL/240 X 1000= | 86 AMPS | |
| INSTALL | 125 AMP PANEL | |
| 120/240 V 1φ | | |



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 STUD-UPS SHALL BE 1/2" UNLESS OTHERWISE SPECIFIED.



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 - KEVED LEVER HARDWARE |
| C | 3680 - SOLID CORE - FLAT PANEL DOOR IMP. OAK - TIMELY OR REDI FRAME JAMB PAINTED STD - CLOSER - PUSH/PULL HARDWARE |
| C | 3680 - SOLID CORE - FLAT PANEL DOOR IMP. OAK - TIMELY OR REDI FRAME JAMB PAINTED STD - PRIVACY LEVER HARDWARE |

WINDOW SCHEDULE

| | |
|---|--|
| Z | 36W x 60H VERTICAL SLIDER DP 50 INSULATED LOW-E TINTED GLASS WHITE VINYL FRAME |
|---|--|

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.

COLUMN STRAPPING SCHEDULE:

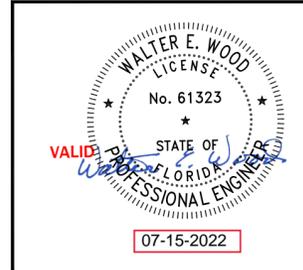
| | | | |
|---|---------------------------|---|---------------------------|
| A | (2) 2x4 SPF #2 THIS HALF. | B | (2) 2x4 SPF #2 EACH HALF |
| C | (3) 2x4 SPF #2 THIS HALF. | D | (3) 2x4 SPF #2 EACH HALF. |
| E | (4) 2x4 SPF #2 THIS HALF. | F | (4) 2x4 SPF #2 EACH HALF. |
| G | (5) 2x4 SPF #2 THIS HALF. | H | (2) 2x6 SPF #2 EACH HALF. |

WITH RIDGE BEAM BEARING STIFFENER

NOTES:

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

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



TITAN MODULAR SYSTEMS, INC.

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

DATE: 7-9-22
SCALE: 3/16"=1'-0"

CODES: SEE NOTES
STATES: FL. REVISIONS:
REFERENCE: 7167

BY: W.E.W.

TMS7168 A-E
58'-4" x 56'-0" BUSINESS-STOCK

FLOOR PLAN SHEET 2 OF 4



GCMC LLC

12749 PLACID RD. HUDSON FL 34667
PH: (727) 226-3730

Michael A. Frey, CEO