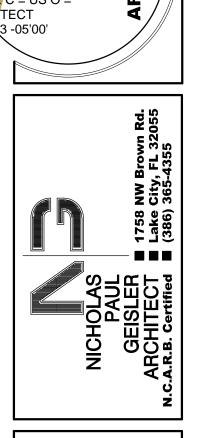
## NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS





SOFTPIAN ARCHITECTURAL DESIGN SOFTWARE



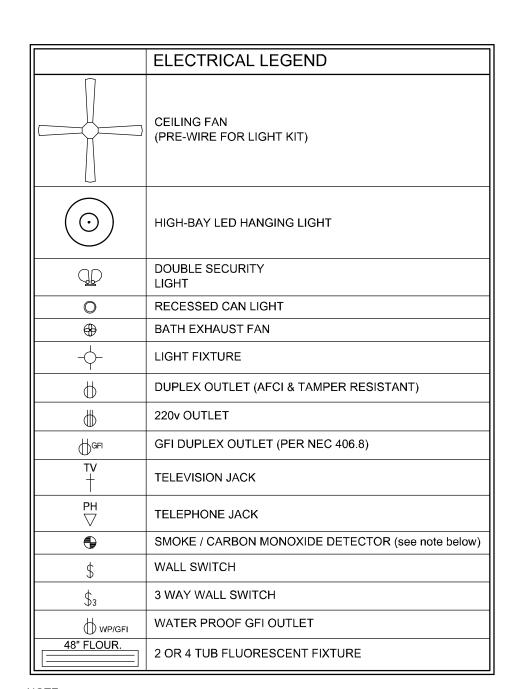
JOINT VENTURED WITH





JOB NUMBER 20230120 DATE: April 24, 2023

SHEET NUMBER



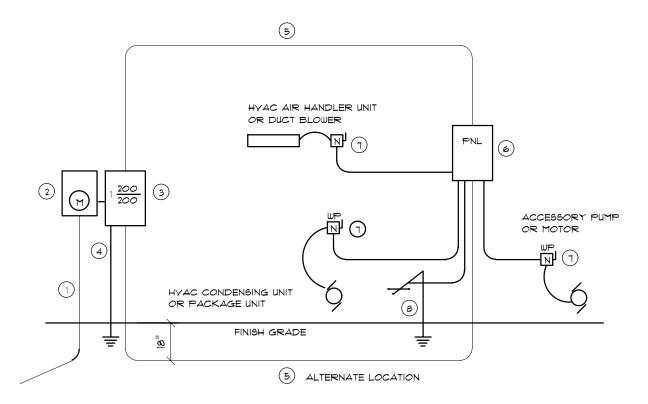
ALL INTERIOR RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY LIGHTING PER FBC-ENERGY CONSERVATION R404.

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER AND ALL ACTIVATE ALL ACTIVATE.

THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

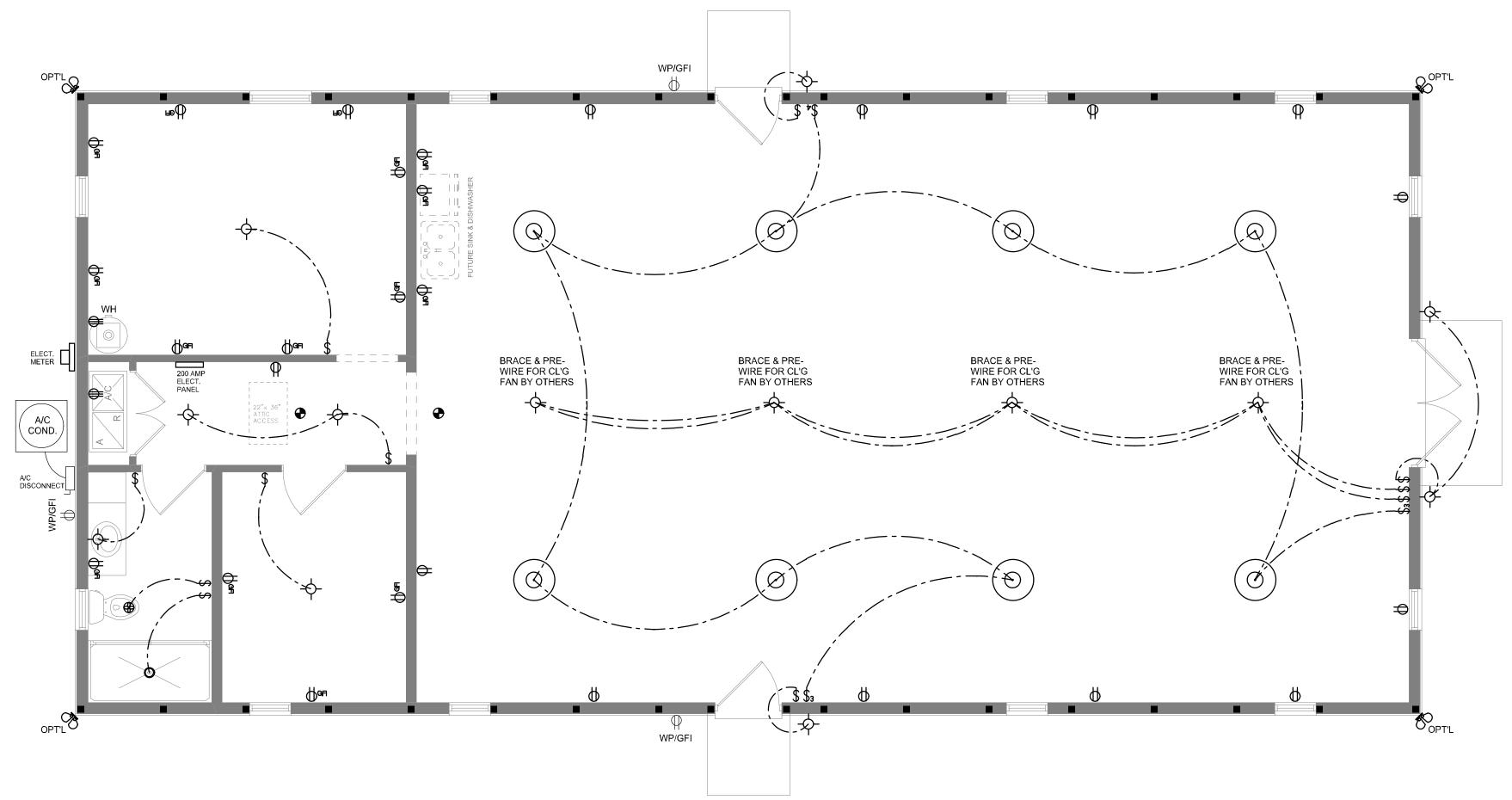
IT IS THE LICENSED ELECTRICAL CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2017 (NFPA-70) NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.



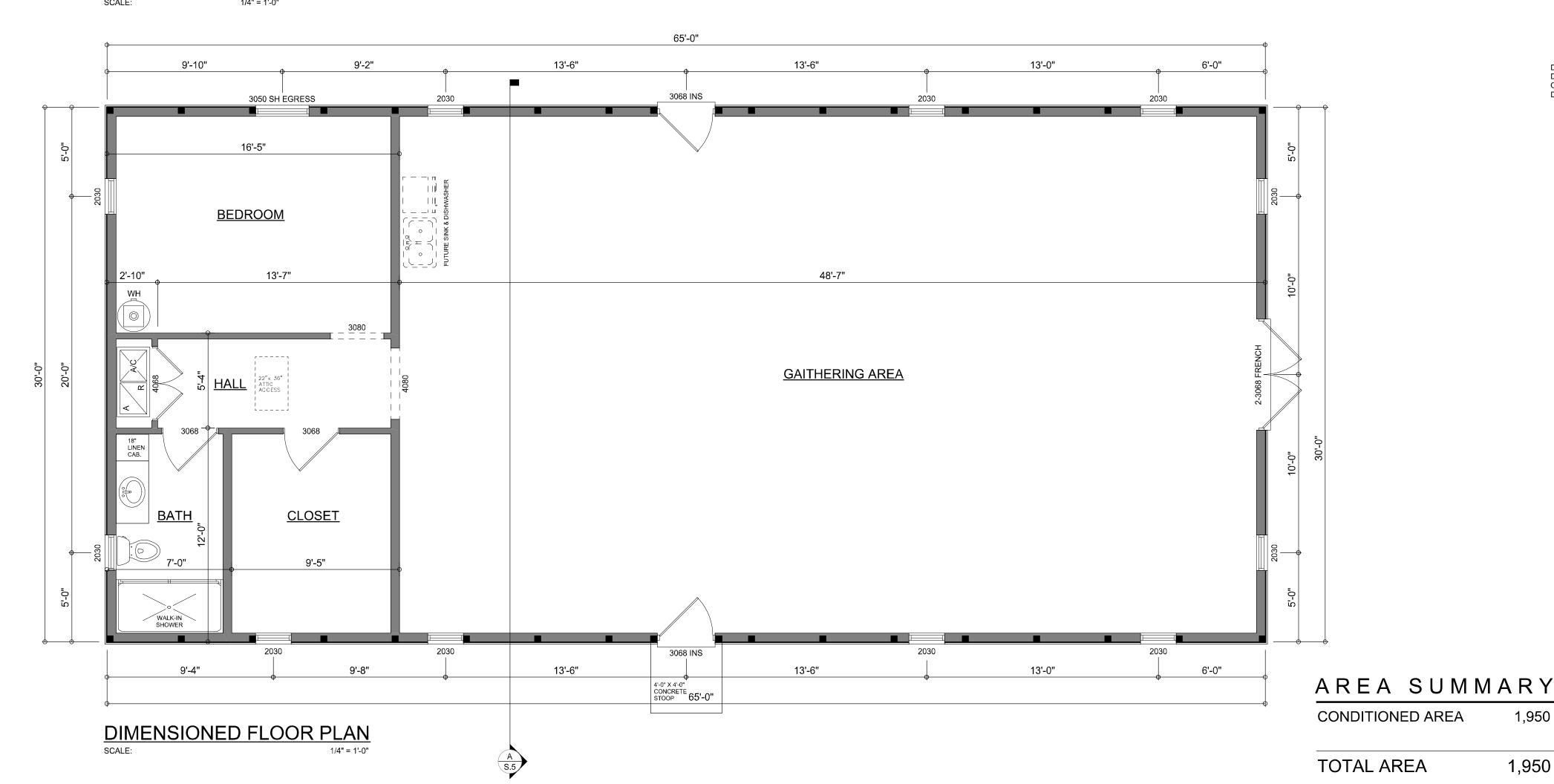
- Service/Feeder Entrance Conductors: 2" rigid conduit, min. 18" deep, w/ continuous Ground Bonding Conductor, Service/ Entrance Conductors shall not be spliced except that bolted connections at the Meter, Disconnecting Devices and Panel
- (2) Meter Enclosure, weatherproof, U.L. Listed.
- (3) Main Disconnect Switch: fused or Main BRKR, weatherproof, U.L. Listed.
- Service entrance Ground:  $\S^{"} \sim \text{iron/steel rod} \times 8'-0" \text{ long}$  and/or concrete encased foundation steel rebar  $\times 20'-0"$  long. Grounding Conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item \*5, below.
- 5) 200 AMPERE SERVICE: 3-\*2/0-USE-Cu, I-\*4-Cu-GND, 2" Conduit.
- 6 House Panel (PNL), U.L. Lised, sized per schedule.
- Equipment Disconnect Switch: non-fused, in weatherproof enclosure, size according to Panel Schedule loads.
- (8) Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

THE MINIMUM AIC RATING FOR PANEL BOARDS, BRKRS AND DISCONNECT SWITCHES SHALL BE 22,000 AIC.

ELECTRICAL RISER DIAGRAM: 200A SCALE: NONE







Digitally signed by: N. P. GEISLER
DN: CN = N. P. GEISLER C = US O = AR0007005
OU = ARCHITECT
Description Date: 2023.04.24 16:00:50 -05'00'

JOINT VENTURED WITH

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JOB NUMBER 20230120 DATE: April 24, 2023

1,950 S.F.

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