ELECTRICAL LEGEND

SWITCHES:

S — 1-POLE, 20A, 120/277V AC ONLY, QUIET TYPE

S_3 — 3 WAY, 20A, 120/277V AC ONLY, QUIET TYPE

S_4 — 4 WAY, 20A, 120/277V AC ONLY, QUIET TYPE

S_a — CONTROLS OUTLET "a" ETC.

LIGHTING:

A1 / 8 b — SURFACE MOUNTED FIXTURE, SHOWN FIXTURE MARK "A1", CIRCUIT No. 8, CONTROLLED BY SWITCH "b" TYPICAL. WHERE 2 SUBSCRIPT LETTERS ARE SHOWN BY FIXTURE SUCH AS "a" & "b" THE INBOARD LAMPS SHALL BE CONTROLLED BY SWITCH "a" AND THE OUTBOARD LAMPS BY SWITCH "b".

LIGHTING FIXTURE - MOUNTING AND TYPE AS SHOWN IN FIXTURE SCHEDULE

EXIT LIGHT, WALL MOUNTED, MINIMUM (80") TO BOTTOM OF FIXTURE

LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK

BRACKET TYPE LIGHTING FIXTURE - MOUNTING HEIGHT SHOWN ON FIXTURE SCHEDULE

BRANCH CIRCUITS:

CONCEALED OVERHEAD OR IN WALLS. SEE SPECIFICATIONS FOR RESTRICTIONS.

CONCEALED IN OR BELOW FLOOR SLAB. SEE SPECIFICATIONS FOR RESTRICTIONS.

EXPOSED CONDUIT

FLEXIBLE CONDUIT TO EQUIPMENT

CONCEALED OVERHEAD OR IN WALLS

N21A:3 — INDICATES HOMERUN WITH 2 #12 & 1 #12 GND. - (1/2") C. TO 20 AMP, 1 POLE BREAKER ON CIRCUIT NUMBER 3, IN PANEL "N21A".

N21A:2,4 — INDICATES HOMERUN WITH 2 #12, 1 #10 NEUTRAL & 1 #12 GND. (1/2") C. TO TWO 20 AMP, 1 POLE CIRCUIT BREAKERS ON CIRCUIT NUMBERS 2 & 4 IN PANEL "N21A". ON LIGHTING PLANS A #12 NEUTRAL MAY BE UTILIZED RATHER THAN A #10 NEUTRAL.

INDICATES HOMERUN WITH 3 #12, 1 #10 NEUTRAL & 1 #12 GND. (1/2") C. TO THREE 20 AMP, 1 POLE CIRCUIT BREAKERS ON CIRCUIT NUMBERS 2, 4, 6 IN PANEL "N21A", ON LIGHTING PLANS A #12 NEUTRAL MAY BE UTILIZED RATHER THAN A #10 NEUTRAL.

N21A:2,4,6 / 10's — INDICATES ALL CONDUCTORS ARE TO BE MINIMUM #10 GAUGE. CONDUIT SIZE PER NEC OR AS INDICATED.

THRU CONTACTS OF STARTER

SL S / F4A:3 — CIRCUIT THAT IS SHOWN AND SIZED ON SINGLE LINE DIAGRAM; SHOWN PANEL "F4A", CIRCUIT No. 3

MISCELLANEOUS EQUIPMENT:

(PE) — PHOTO-ELECTRIC CELL

(P) — COMBINATION POWER AND COMMUNICATIONS MANHOLE

GENERAL RECEPTACLES:

BASIC RECEPTACLE TYPES WITH SUBSCRIPT MODIFIERS SHOWN BELOW.

DUPLEX RECEPTACLE, 20A, 125V, 2P-3 WIRE, NEMA 5-20R

DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P-3 WIRE, NEMA 5-20R

DUPLEX RECEPTACLE, CEILING MOUNTED, RECESSED, SUPPORT FROM CEILING SUSPENSION SYSTEM, 20A, 125V, 2P-3 WIRE, NEMA 5-20R

(J) — WALL-MOUNTED JUNCTION BOX

(J) — CEILING-MOUNTED JUNCTION BOX

SUBSCRIPT MODIFIER LEGEND FOR BASIC RECEPTACLE TYPES:

*** NOTE: VERIFY WITH CONTRACTING OFFICER THE HEIGHT OF ALL COUNTER TOPS, BACKSPLASHES, TABLE TOPS OR SINKS WHICH AFFECT THE MOUNTING HEIGHT OF RECEPTACLES.

CT - RECEPTACLE MOUNTED (4") ABOVE COUNTER TOP, BACKSPLASH, TABLE TOP OR SINK TO CENTER OF RECEPTACLE

CTG - GFI RECEPTACLE MOUNTED (4") ABOVE COUNTER TOP, BACKSPLASH OR SINK TO CENTER OF RECEPTACLE. IN DENTAL DTR'S MOUNT (38") AFF.

EWC - ELECTRIC WATER COOLER. COORDINATE LOCATION AND HEIGHT WITH PLUMBING. RECEPTACLE WILL BE CONCEALED BEHIND WATER COOLER.

GFI - GROUND FAULT INTERRUPTING RECEPTACLE

WPG - WEATHERPROOF GFI RECEPTACLE WITH TWO HINGED FLAPS

POWER, PANELS & POWER EQUIPMENT:

PANELBOARD - SURFACE MOUNTED - SEE PANELBOARD SCHEDULE

DISTRIBUTION PANELBOARD OR SWITCHBOARD - SEE PANEL SCHEDULE

NF — DISCONNECT SWITCH, NON-FUSIBLE, SIZE AND TYPE AS NOTED OR AS SHOWN

F / 3 5/30 — DISCONNECT SWITCH, FUSIBLE, IF DISCONNECT SIZE AND FUSING IS NOT SHOWN ON PLAN, REFER TO POWER SINGLE LINE DIAGRAM ON SHEET E3-2

- FUSE SIZE
- DISCONNECT AMP RATING
- # OF POLES

EF — SAFETY DISCONNECT SWITCH FURNISHED WITH EXHAUST FAN

MOLDED CASE CIRCUIT BREAKER

T — TRANSFORMER-DRY TYPE-RATING AS SHOWN. NUMERAL SHOWN INDICATES KVA RATING.

(M) — ELECTRIC MOTOR

MOTOR STARTER

ALABAMA LICENSED No. 23103 PROFESSIONAL ENGINEER Eric Garner Sr. 1/23/2003

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wassweiler ARCHITECT 334 221 9736

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345 PERRY HILL ROAD
MONTGOMERY, ALABAMA

Drawing Title	ELECTRICAL LEGEND
Project Title	PREFABRICATE METAL STORAGE BUILDING
Date	1 Jan 2003
Project No.	322VB3034
Building Number	
Checked	---
Drawn	MGB
Location	CENTRAL ALABAMA VETERANS HEALTH CARE SYSTEM/WEST CAMPUS
Drawing No.	E0-1

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