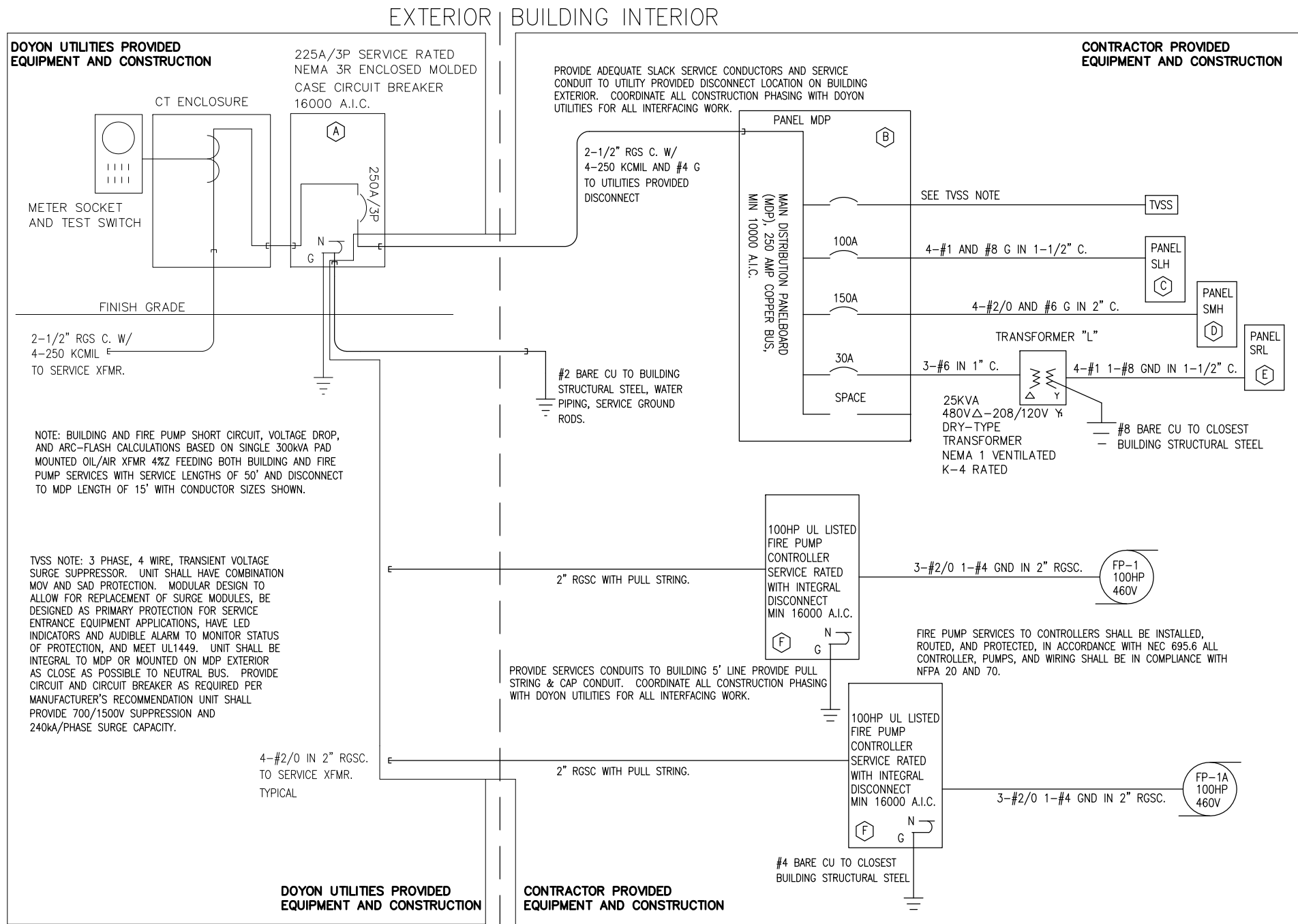


Drawing x:\UNIFIED\EN-TE\Jobs\FTW336A\Drawgs\FTW336A-106-E4-01.dwg last saved on 6/19/2009 1:44 PM was plotted by Curfew, Donald L POA on 7/17/2009 6:56 AM



BUILDING POWER ONE-LINE DIAGRAM

NOT TO SCALE

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**1227 mm** Flash Hazard Boundary  
**6.0 cal/cm\*2** Flash Hazard at **457 mm**

**Category 2** Arc-rated FR Shirt & Pants

**480 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**305 mm** Restricted Approach  
**25 mm** Prohibited Approach

**Location: BUS-FIRE**

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**218 mm** Flash Hazard Boundary  
**0.35 cal/cm\*2** Flash Hazard at **457 mm**

**Category 0** Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd

**480 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**305 mm** Restricted Approach  
**25 mm** Prohibited Approach

**Location: BUS-MAIN**

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**209 mm** Flash Hazard Boundary  
**0.33 cal/cm\*2** Flash Hazard at **457 mm**

**Category 0** Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd

**480 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**305 mm** Restricted Approach  
**25 mm** Prohibited Approach

**Location: BUS-SLH**

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**209 mm** Flash Hazard Boundary  
**0.33 cal/cm\*2** Flash Hazard at **457 mm**

**Category 0** Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd

**480 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**305 mm** Restricted Approach  
**25 mm** Prohibited Approach

**Location: BUS-SMH**

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**59 mm** Flash Hazard Boundary  
**0.04 cal/cm\*2** Flash Hazard at **457 mm**

**Category 0** Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd

**208 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**Avoid Contact** Restricted Approach  
**Avoid Contact** Prohibited Approach

**Location: BUS-SRL**

**WARNING**

**Arc Flash and Shock Hazard**

**Appropriate PPE Required**

**215 mm** Flash Hazard Boundary  
**0.35 cal/cm\*2** Flash Hazard at **457 mm**

**Category 0** Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd

**480 VAC** Shock Hazard when cover is removed  
**00** Glove Class  
**1067 mm** Limited Approach  
**305 mm** Restricted Approach  
**25 mm** Prohibited Approach

**Location: PNL-MDP**



CONTRACT NO. \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

CITY \_\_\_\_\_

RECOMMENDED: \_\_\_\_\_

APPROVED: \_\_\_\_\_

STATE \_\_\_\_\_

DATE: \_\_\_\_\_

FINAL CONTRACTOR: \_\_\_\_\_

RESIDENT ENGINEER: \_\_\_\_\_

Item	Action	Description	Date	App'd

U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
ANCHORAGE, ALASKA

Designed: TH Date: 16 JULY 2009

Reviewed: R. BARNUM Drawn Scale: AS NOTED

Submitted: D. Frazier Prepped Scale: 1:2

Chief: \_\_\_\_\_

Inv. NO. W911KB-09-R-0007

PN 65076

FTW336A

FT. WAINWRIGHT, ALASKA

AIRCRAFT PARTS STORAGE

ELECTRICAL

PLANS

POWER SINGLE LINE DIAGRAM

Reference number: E4.01

Sheet 106 of 118

NOT FOR CONSTRUCTION

BACKCHECK