



NEW PANEL PR-1 ELEVATION DETAIL

**TravelCenters** 

of America

24601 CENTER RIDGE ROAD

SUITE 210

5136 Beach Road • Medina, Ohio 44256

0 06/10/2024 ISSUED FOR PERMIT

3 | 12/17/2024 | REVISED PER CITY COMMENTS

**CELEBRATING 40 YEARS (1980-2020)** 

REVISION DESCRIPTION

t: 330.239.2699 WWW.WELLERT.COM

NO. DATE

<u>CONSULTANT:</u>

WESTLAKE, OHIO 44145

<u>PROJECT TITLE</u>

TA FACILITY #081 **NEW PARKING GATE NEW PARKING GATE SYSTEM** 

<u>SITE ADDRESS:</u>

2501 UNIVERSITY BLVD. N.E. ALBUQUERQUE, NEW MEXICO 87107

AS STATED 06/10/2024 DESIGNED BY: SMW DRAWN BY: SMW CHECKED BY: RWW

FILE NAME: 240117-C #081 Parking Gate.dwg

JOB NUMBER: 240117

DRAWING TITLE:

ELECTRICAL DETAILS

<u>SHEET NO:</u>

MAIN TYPE: MIo O/C PROTECTION RATING: 50 AMP, ACI rating 10k, UL RATED MISC. INFO: SUBFED FROM EXISTING PANEL (CONTRACTOR TO FIELD LOCATE PANEL FOR NEW 50 AMP 2 POLE BREAKER, WIRE: C 1 1/4" WITH (3) #2, AND (1) #8 GND, NEMA 3R Load (VA) Circuit Load (VA) Description Cond. Wire Pole Circuit Circuit Wire Cond. Description Circuit Number В Α Size Size Number Size Α В Size Size Size Size Size 1104 3/4" **GATE 1 ENTRY UNIT** 3 DATA CABINET QUAD OUTLET 1920 10 1" 20 BLANK BLANK BLANK BLANK BLANK 10 sub panle feed 9 1 1/4" #2 10 BLANK 11 12 sub panle feed 1 1/4" #2 50 2 11 12 BLANK Non Continuous Load 1920 0 Non Continuous Load Continuous Load 0 0 Continuous Load 0 0 0 Load Type Phase w/Demand Load kVa / ( 240 12.6 VA Amps Non Continuous Load x √1) kVa x 1.25 / 1104 0.0 9.2 Continuous Load (208 x √1) kVa x 1.25 / Largest Motor 3.8 1920 16.0 (208 x √1) Panel Subfeed Loads 16.4 3024 Total Calculated Load: 1104 Total Phase A Total Phase B 1920 0.575 Phasing %

3 E1.1

NEW PANEL (NORTH GATE 1) PR-1 SCHEDULE