

PAUL DHANENS • ARCHITECT

ARCHITECT

REGISTERED ARCHITECT
NO. C-23843
GENERAL
STATE OF CALIFORNIA

5100 CALIFORNIA AVE., SUITE 107
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE: (661) 326-8336
FACSIMILE: (661) 326-8337

CONSULTANT

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NOTICE TO CONTRACTORS:
Written dimensions on these drawings shall take precedence over unnoted dimensions. Contractors shall verify and be responsible for confirming all dimensions and shall notify the architect immediately of any discrepancies or field variations discovered.

PROJECT

TENANT IMPROVEMENT FOR

FAMOUS FOR
Steak 'n Shake
STEAKBURGERS

1966 WEST AVE L
LANCASTER, CA

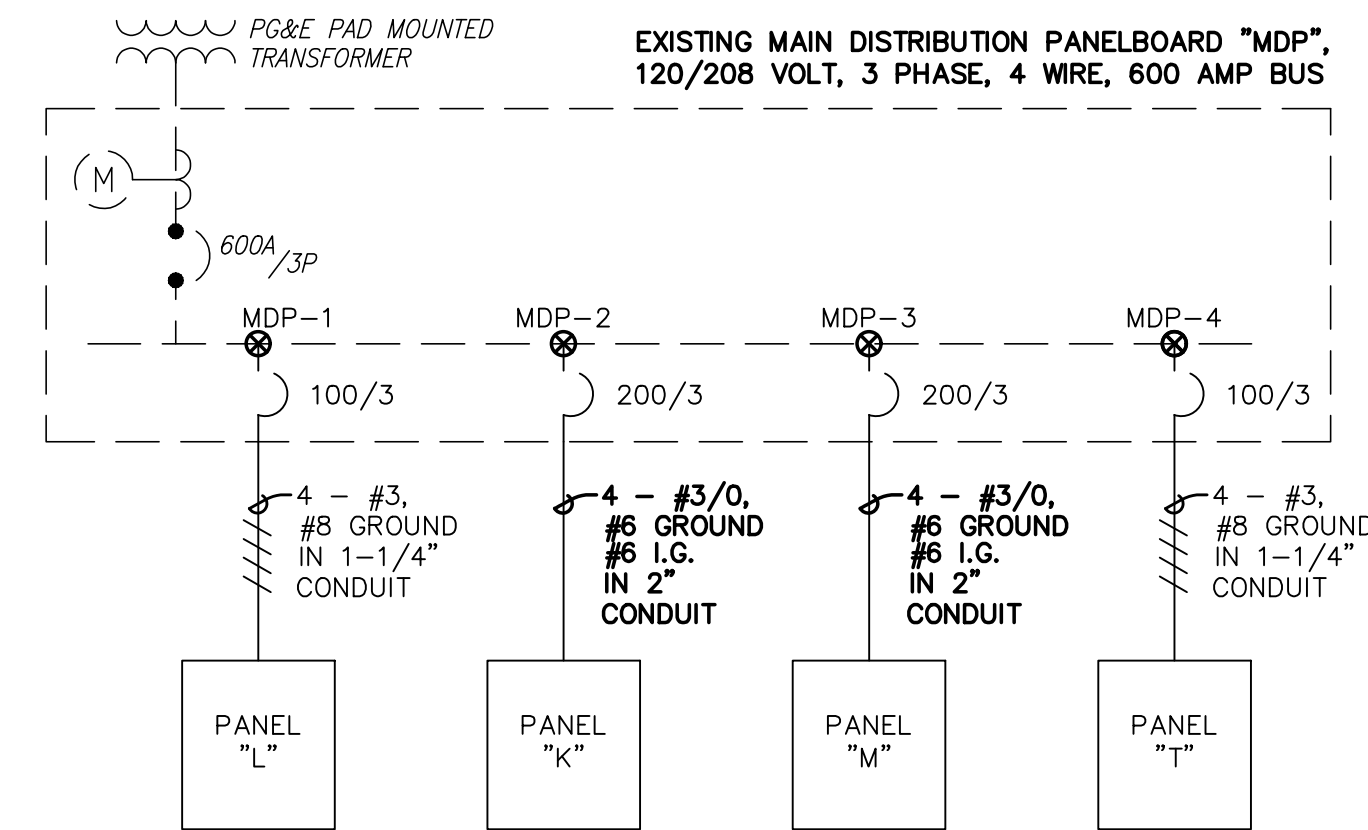
DATE	ISSUED FOR
8-24-18	BUILDING DEPT SUBMITTAL
6-28-19	
NO.	REVISIONS
▲	
▲	
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ELECTRICAL

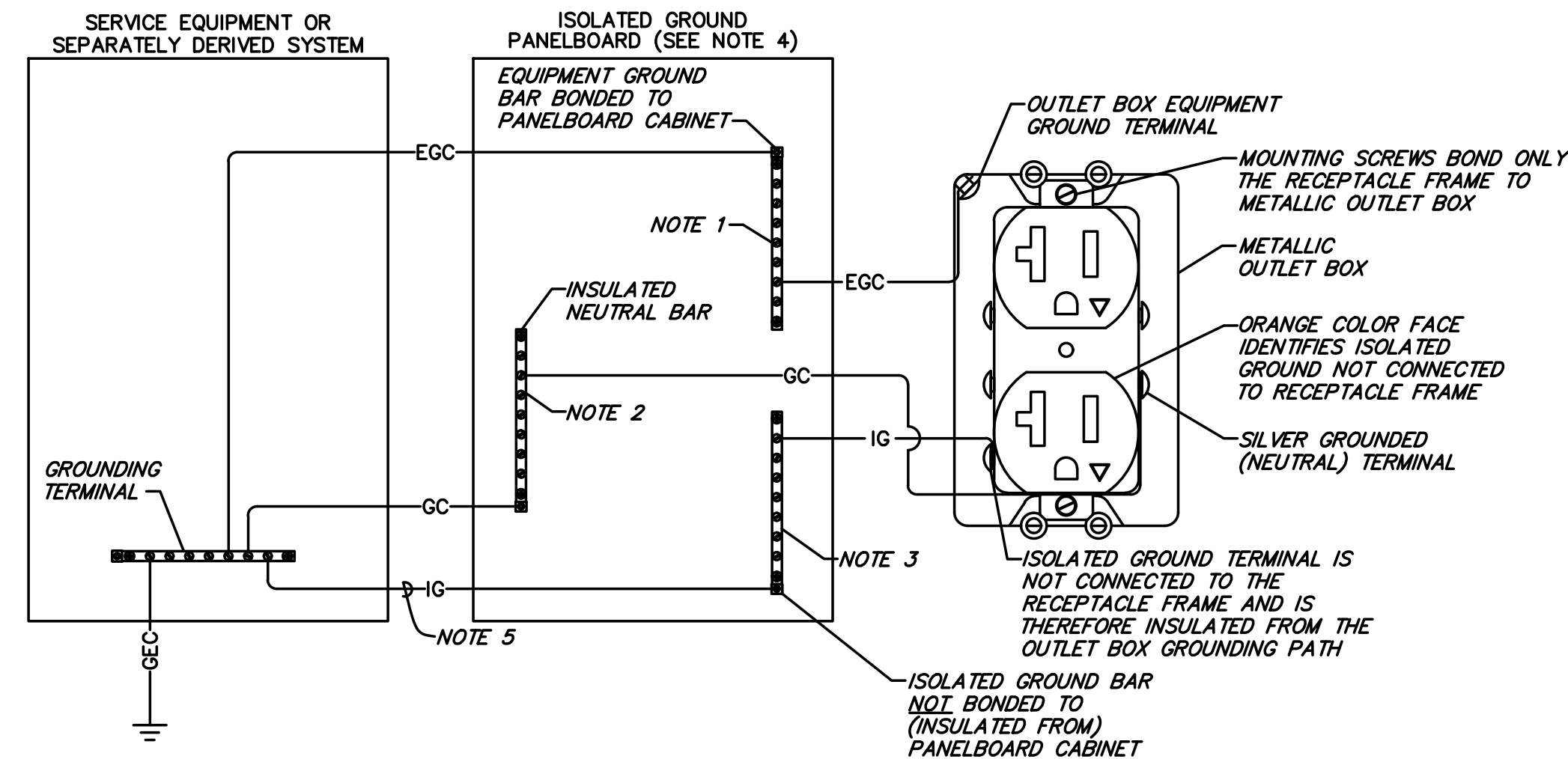
FILE NAME: 2366A2-0

SHEET

E-502



1 ONE—LINE DIAGRAM
NOT TO SCALE



- GENERAL NOTES APPLICABLE TO THIS DETAIL:
- THIS DETAIL IS DIAGRAMMATIC IN NATURE AND IS NOT INTENDED TO INDICATE PROPOSED CIRCUIT ROUTING. PHASE CONDUCTORS AND RACEWAYS ARE NOT SHOWN FOR CLARITY. ALL RACEWAYS SHALL BE SECURELY BONDED TO THE ENCLOSURES THE RACEWAYS CONNECT.
 - A GREEN EQUIPMENT GROUND CONDUCTOR IS REQUIRED FOR EVERY APPLIANCE BRANCH CIRCUIT, EVERY GENERAL-PURPOSE BRANCH CIRCUIT, EVERY INDIVIDUAL BRANCH CIRCUIT, AND EVERY MULTI-WIRE BRANCH CIRCUIT. UNDER NO CIRCUMSTANCES WILL A METALLIC RACEWAY SYSTEM BE ACCEPTED AS THE SOLE MEANS OF EQUIPMENT GROUNDING.
 - GROUND (NEUTRAL) CONDUCTORS ARE ONLY REQUIRED FOR 120V LOADS OR POLYPHASE LOADS THAT REQUIRE 120V POWER.
 - WHEN INSTALLED PER THE CURRENT NATIONAL ELECTRICAL CODE REQUIREMENTS, AT LEAST TWO GROUND CONDUCTOR PATHS ARE REQUIRED; ONE FOR THE RECEPTACLE GROUND AND ONE FOR THE RECEPTACLE.

- NOTES APPLICABLE TO THIS DETAIL:
- ONLY EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE ON THIS EQUIPMENT GROUND BAR. UNDER NO CIRCUMSTANCES SHALL ANY ISOLATED GROUNDING OR GROUND (NEUTRAL) CONDUCTORS TERMINATE ON THIS BAR.
 - ONLY GROUND (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THIS NEUTRAL BAR. UNDER NO CIRCUMSTANCES SHALL ANY ISOLATED GROUNDING OR EQUIPMENT GROUNDING CONDUCTORS TERMINATE ON THIS BAR.
 - ONLY ISOLATED GROUNDING CONDUCTORS SHALL TERMINATE ON THIS ISOLATED GROUND BAR. UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT GROUNDING OR GROUND (NEUTRAL) CONDUCTORS TERMINATE ON THIS BAR.
 - UNLESS INDICATED OTHERWISE, CIRCUITS SERVED BY THIS PANEL SHALL BE ROUTED IN DEDICATED RACEWAYS AND SHALL NOT BE COMBINED IN THE SAME RACEWAY WITH NON-ISOLATED GROUND CIRCUITS.
 - ISOLATED GROUNDING CONDUCTOR IS PERMITTED TO PASS THROUGH PANELBOARDS BUT MUST TERMINATE AT THE SERVICE EQUIPMENT GROUNDING TERMINAL OR AT THE GROUNDING TERMINAL OF THE SEPARATELY DERIVED SYSTEM, IF APPLICABLE, UNLESS INDICATED OTHERWISE.

CONDUCTOR LEGEND
—GC— GROUND (NEUTRAL)
—EGC— EQUIPMENT GROUNDING CONDUCTOR
—IG— ISOLATED GROUNDING CONDUCTOR
—GEC— GROUNDING ELECTRODE CONDUCTOR

3 ISOLATED GROUND SYSTEM DETAIL
NOT TO SCALE