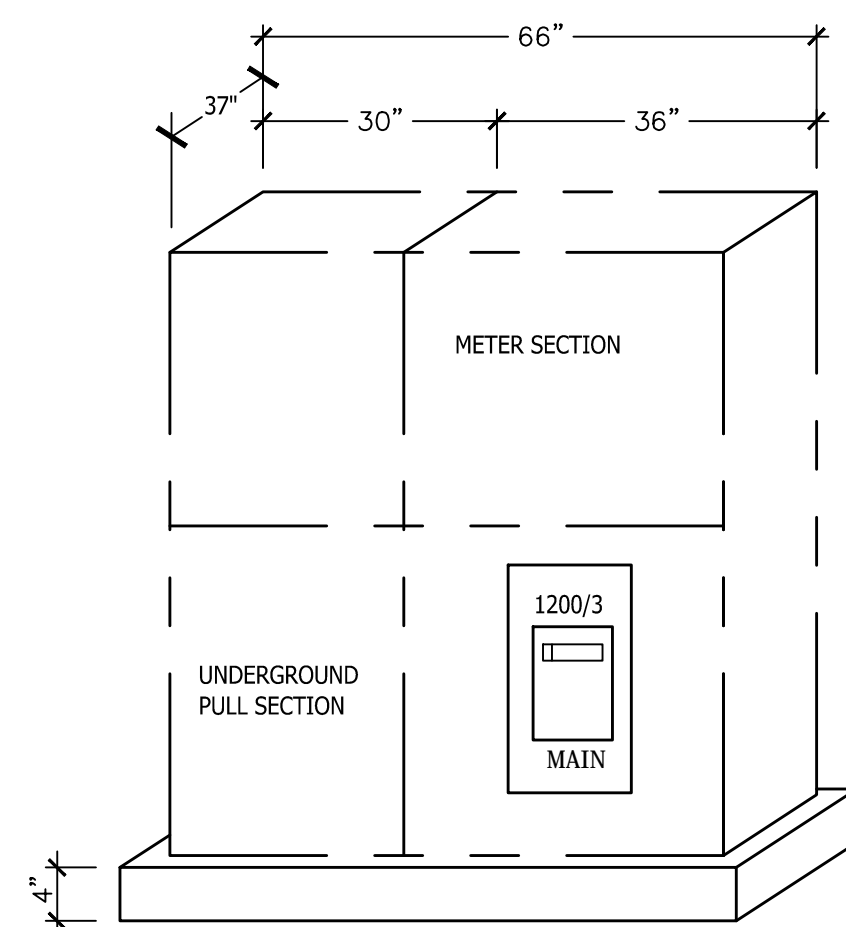
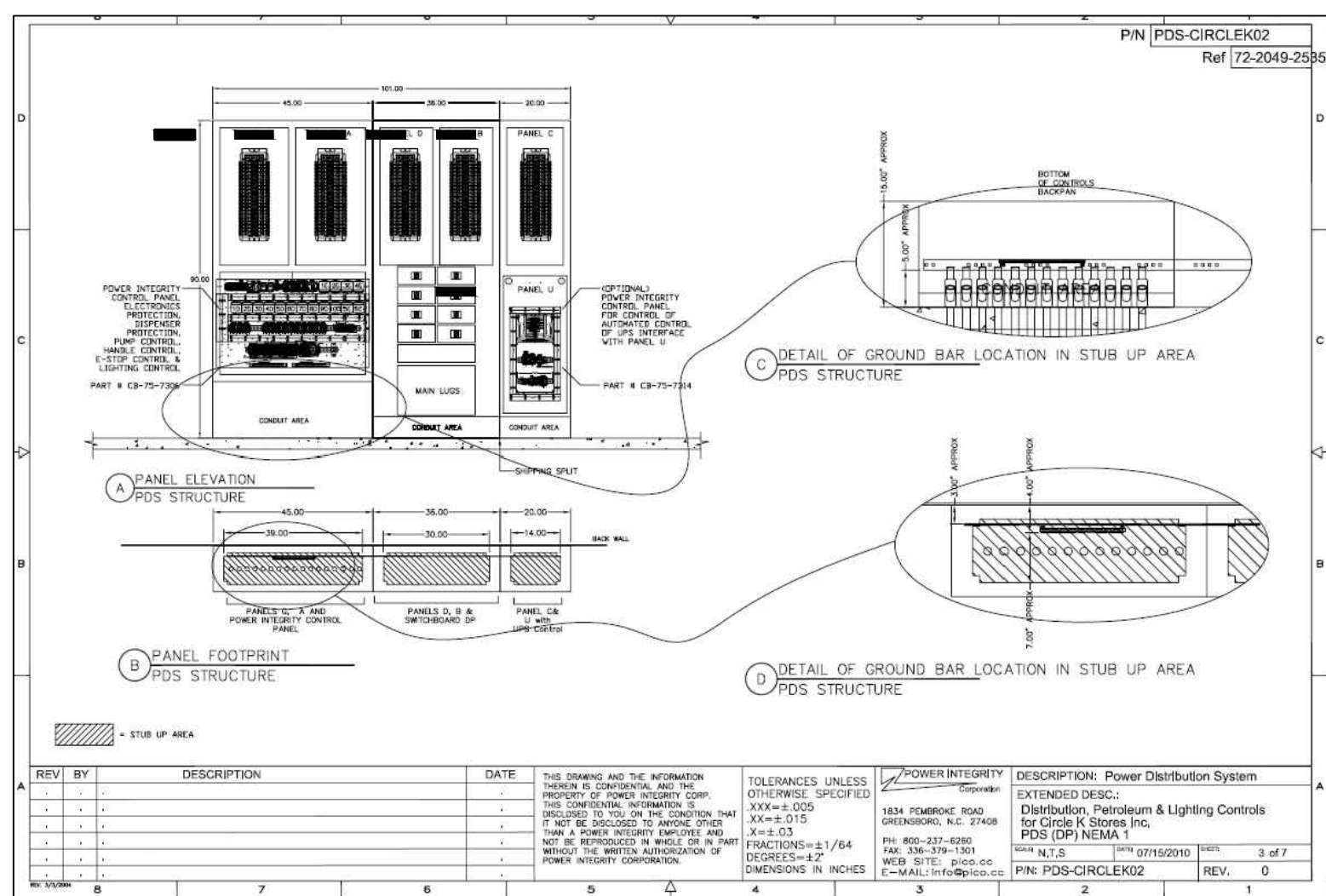
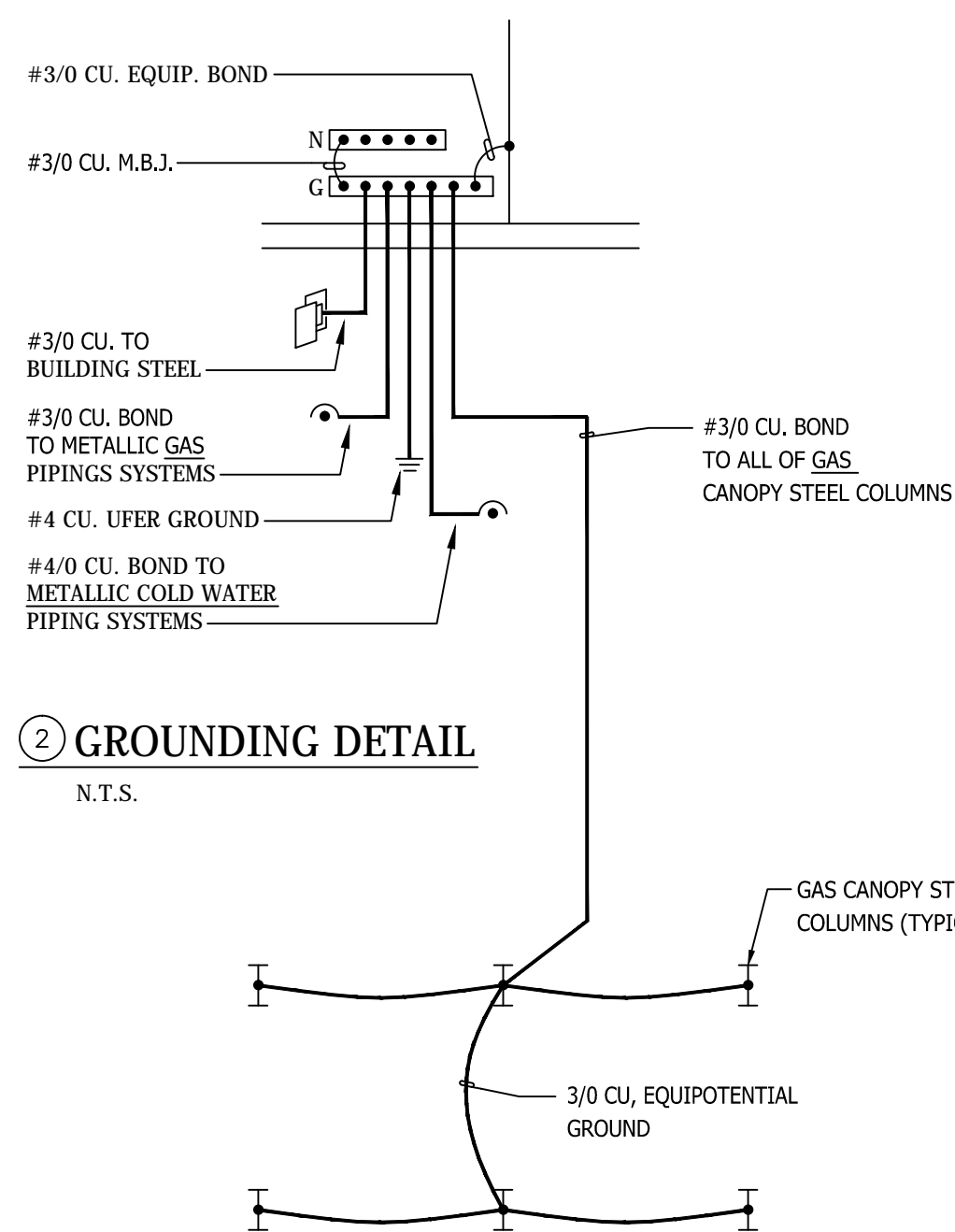


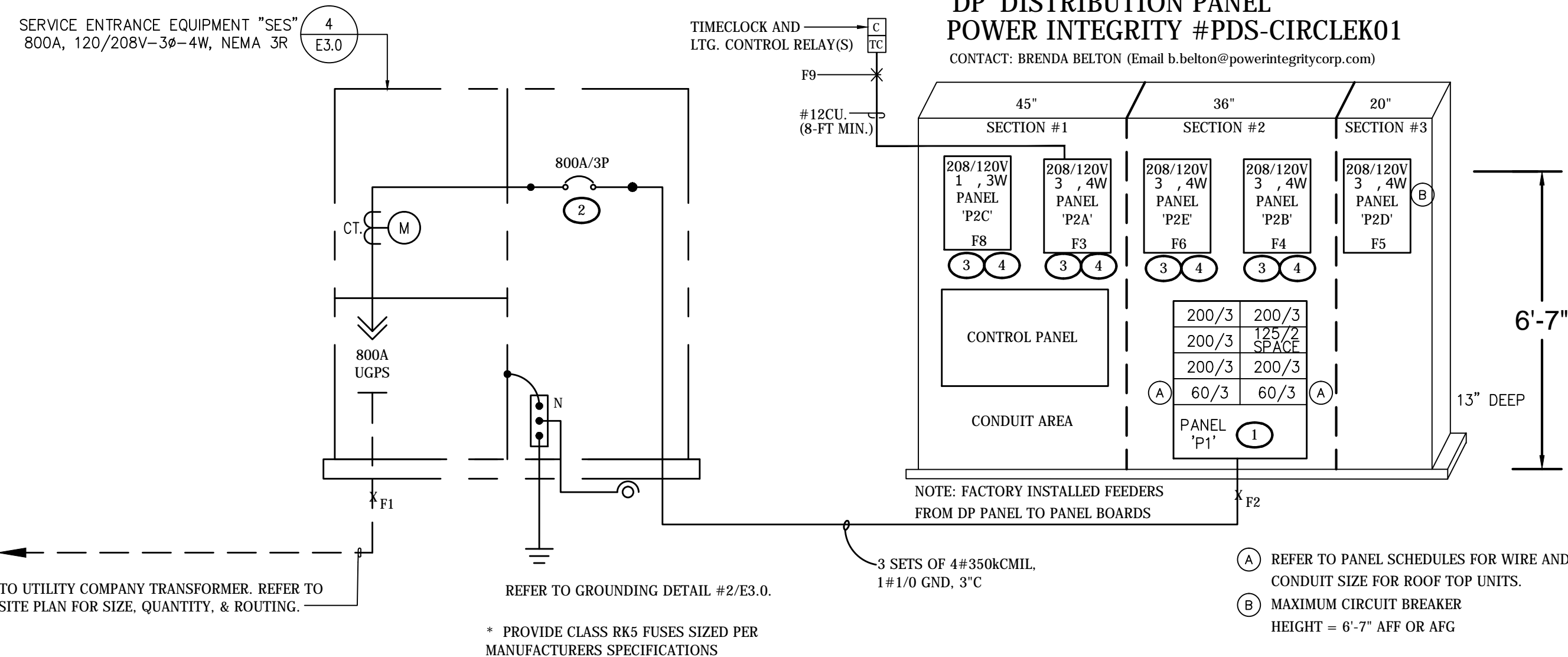
⑤ INTEGRATED POWER INTEGRITY / EQUIPMENT ROOM CONDUIT PENETRATION DETAILS



④ SERVICE ELEVATION
N.T.S.



② **GROUNDING DETAIL**
N.T.S.



① ONE LINE DIAGRAM
N.T.S.

* PROVIDE CLASS RK5 FUSES SIZED PER MANUFACTURERS SPECIFICATIONS

SERIES RATING GENERAL NOTES

1. THE MOTOR CONTRIBUTION TO THE FAULT CURRENT MEETS THE 1% CRITERIA. STATED IN EXCEPTION 3.5.1 AS WRITTEN IN THE ELECTRICAL CONSTRUCTION CODE INTERPRETATION DATE 3/3/97.
2. NO DESIGN CHANGES MAY BE MADE TO THE SYSTEM WITHOUT THE PRIOR APPROVAL OF THE DESIGN ELECTRICAL ENGINEER AND THE ELECTRICAL INSPECTOR.

SERIES RATING KEY NOTES

- | | |
|---|---|
| 1 | THIS SERVICE IS A SERIES RATED SYSTEM: 2-TIER 65/10. ALL S.E.S. SYSTEM COMPONENTS SHALL BE RATED 65K, WITH SERIES RATED DOWNSTREAM. |
| 2 | CONTRACTOR SHALL LABEL S.E.S. "CAUTION" - SERIES RATED SYSTEM (65/10), 65,000 AMPS AVAILABLE IDENTIFIED REPLACEMENT COMPONENT REQUIRED." IN ACCORDANCE WITH NEC 110-2 |
| 3 | CONTRACTOR SHALL LABEL PANEL(S) "CAUTION" - SERIES RATED SYSTEM (65/10). |
| 4 | CIRCUIT BREAKERS SHALL BE A BOLT-ON TYPE. U.L.-LISTED SERIES-RATED COMBINATION WITH THE BREAKERS AT DISTRIBUTION PANEL DP. |

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
02/28/2014	PERMIT/BID SET

PROFESSIONAL SEAL

02/28/14

PROFESSIONAL IN CHARGE

GUIDO INOA-ALVAREZ

PROJECT MANAGER

JOHN ADDISON

QUALITY CONTROL

GUIDO INOA-ALVAREZ

DRAWN BY

LATONYA WILLIAMS

PROJECT NAME

**CIRCLE K
STORES, INC.**

PFLUGERVILLE
TEXAS

**SEC WEST PECAN ST. &
SARAH'S CREEK DR.
PFLUGERVILLE, TX**



PROJECT NUMBER

20140041.5

SHEET TITLE

ONLINE DIAGRAM, CALCULATIONS AND DETAILS

SHEET NUMBER

E3.0