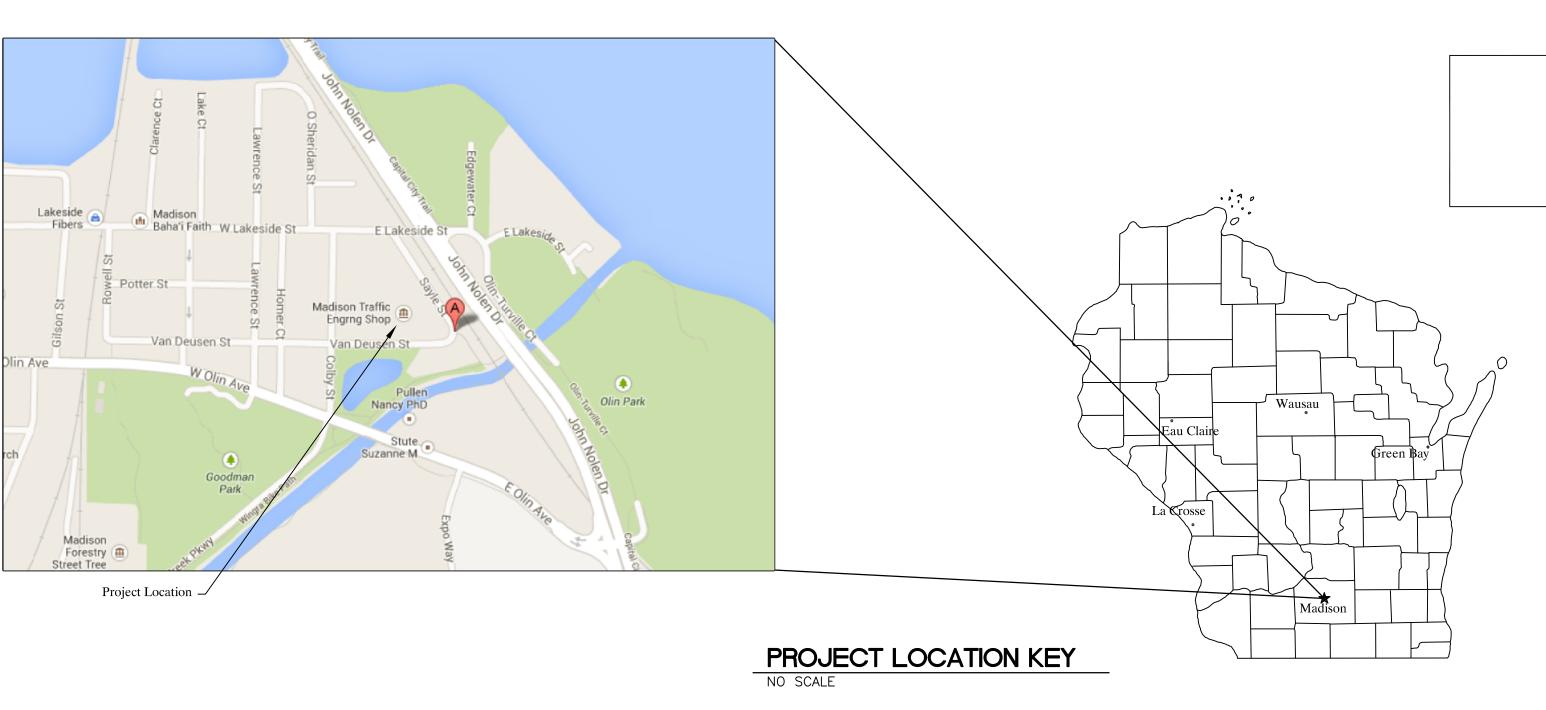
## Traffic Engineering Electrical Upgrades - 2013 1120 Sayle St. Madison, Wisconsin

## City of Madison Department of Engineering

City of Madison Project Number - 53W1671 City of Madison Contract Number - 7172



PUBLIC IMPROVEMENT PROJECT APPROVED
RES-13-00667, ID; FILE ID 31140
September 3, 2013
BY THE COMMON COUNCIL OF MADISON,
WISCONSIN

APPROVED BY:

CITY ENGINEER

DATE

Project Manager: Kay Schindel, P.E.

City of Madison

Department of Engineering Madison, Wisconsin

Project Engineer: Paul Zouski, P.E.

Clark Dietz, Inc. - Engineers Wausau, Wisconsin

SHEET INDEX

SHEET CONTENTS

TOO1 COVER SHEET AND INDEX

E001 OVERALL SITE PLAN

E101 ENLARGED BUILDING PLAN WITH EXISTING ELECTRICAL EQUIPMENT

E102 ENLARGED BUILDING PLAN WITH EXISTING ELECTRICAL EQUIPMENT

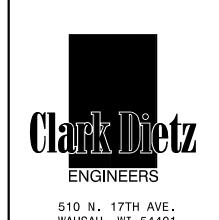
E201 ENLARGED BUILDING PLAN WITH NEW ELECTRICAL EQUIPMENT

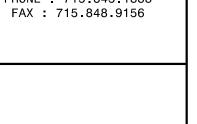
E202 ENLARGED BUILDING PLAN WITH NEW ELECTRICAL EQUIPMENT

E501 EXISTING ONE LINE DIAGRAM

E502 NEW ONE LINE DIAGRAM

September 6, 2







Traffic Engineering Electrical Upgrades - 2013 1120 Sayle St. Madison, WI

DESIGNED BY: PLZ
DRAWN BY: PLZ
CHECKED BY: LMZ
DATE CHECKED: 9/3/13

NOTE: DIMENSIONAL DATA
IS NOT TO BE OBTAINED BY
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DATE REVISION

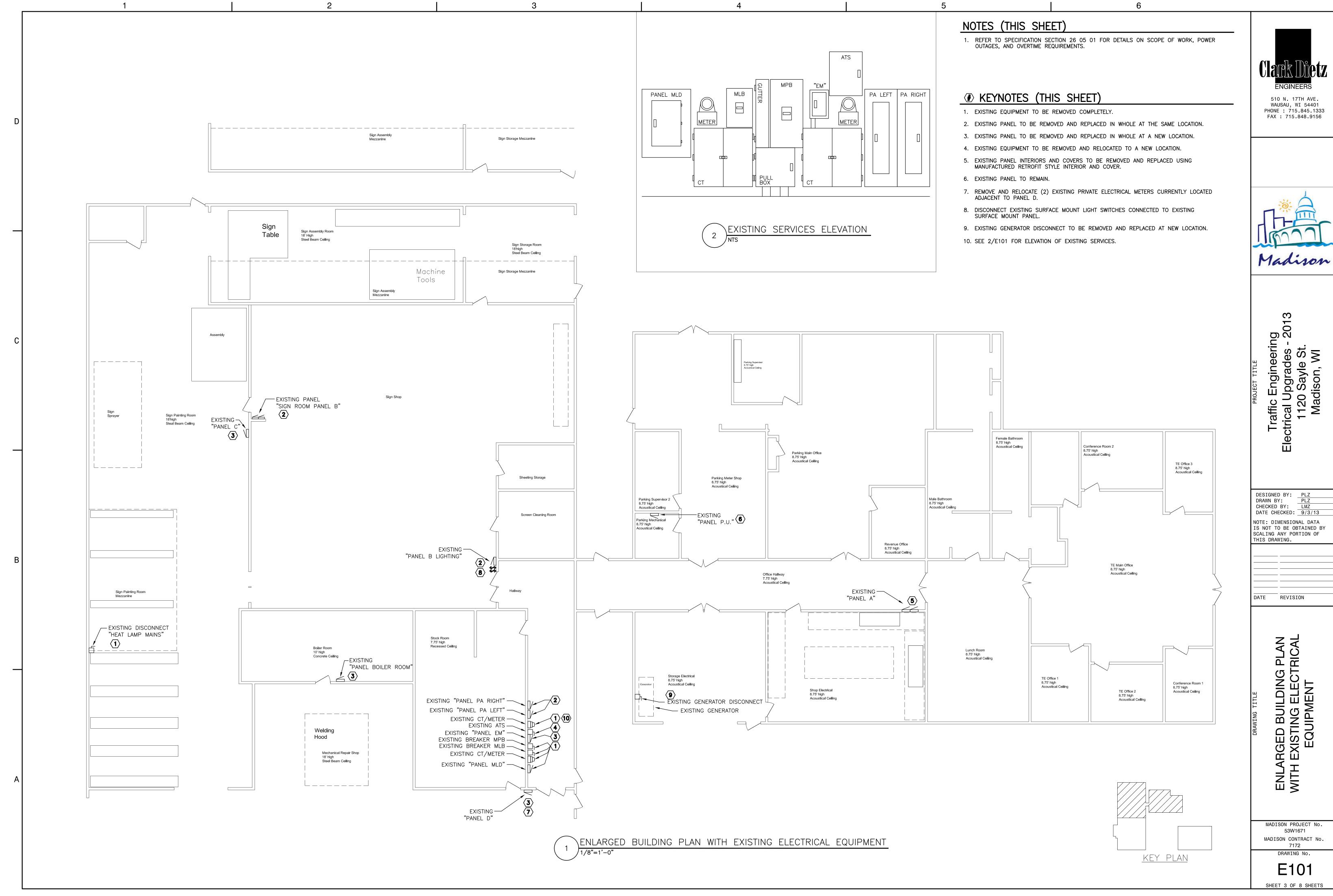
SHEET AND INDEX

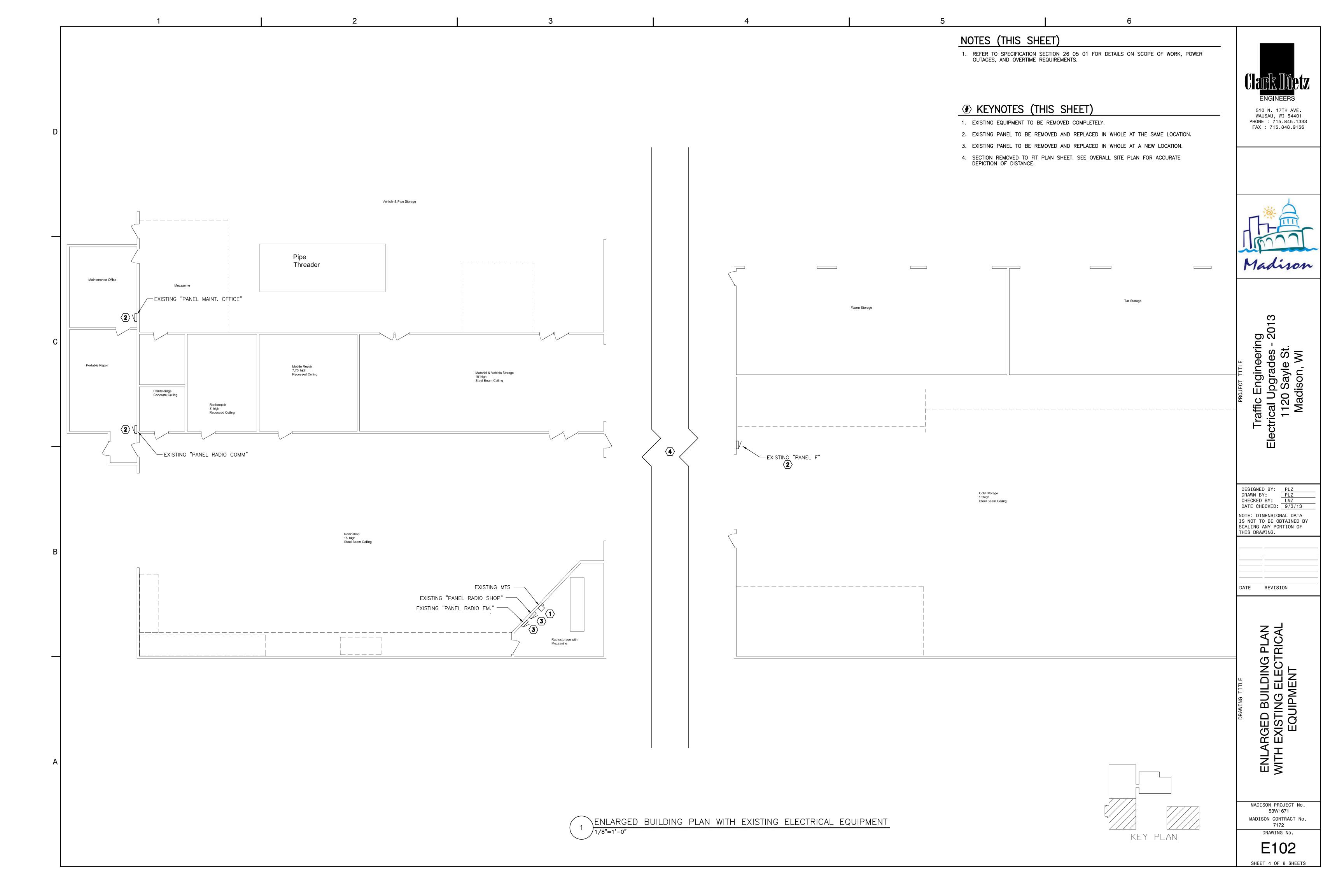
MADISON PROJECT No.
53W1671
MADISON CONTRACT No.

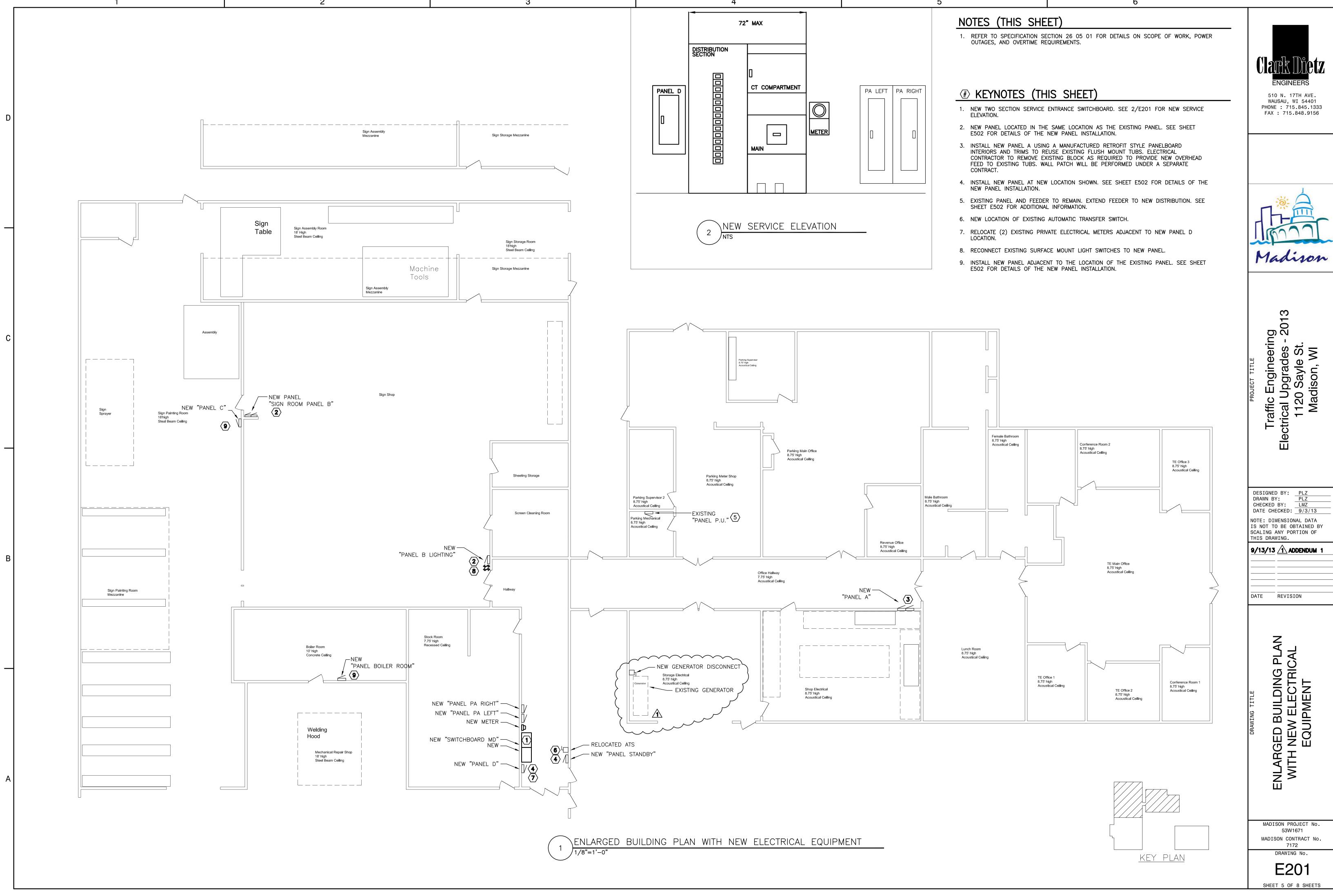
53W1671
MADISON CONTRACT No.
7172
DRAWING No.

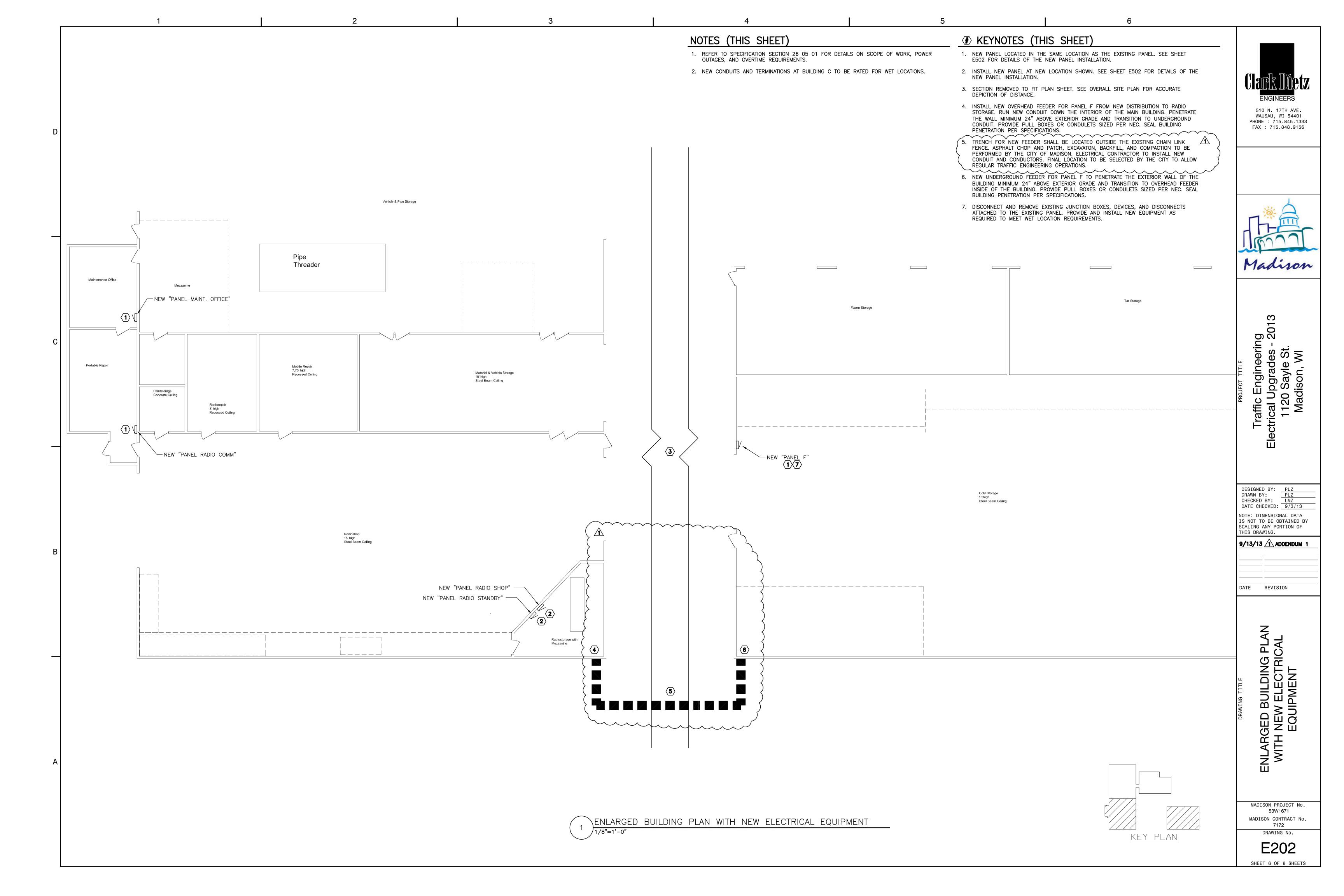
TOO1

NOTES (THIS SHEET) Traffic Engineering Operations Center REFER TO SPECIFICATION SECTION 26 05 01 FOR DETAILS ON SCOPE OF WORK, POWER OUTAGES, AND OVERTIME REQUIREMENTS. OVERALL SITE PLAN PROVIDED BY OTHERS. ELECTRICAL CONTRACTOR TO FIELD VERIFY ALL MEASUREMENTS AND DISTANCES. 510 N. 17TH AVE. WAUSAU, WI 54401 PHONE : 715.845.1333 FAX : 715.848.9156 Sign Assembly Mezzanine SheetIng Storage Revenue Office 8.75' high Acoustical Ceiling Office Hallway 7.75' high Acoustical Celling Stock Room 7.75' high Recessed Ceiling Baller Room 10' high Concrete Ce**li**ng Lunch Room 8.75' high Acoustical Ceiling Conference Room 1 8.75' high Acoustical Celling Shop Electrical 8.75 high Acoustical Celling TE Office 2 8.75' high Acoustical Celling Welding Hood E101/E201 E101/E201 Mechanical Repair Shop 18' high Steel Beam Celling MATCHLINE MATCHLINE DESIGNED BY: PLZ DRAWN BY: CHECKED BY: DATE CHECKED: 9/3/13 NOTE: DIMENSIONAL DATA
IS NOT TO BE OBTAINED BY E102/E202 E102/E202 SCALING ANY PORTION OF THIS DRAWING. DATE REVISION Paintstorage Concrete Celling Cold Storage 18'high Steel Beam Celling Radioshop 18" high Steel Beam Ce**li**ng H — — — — — — — — ¬ \_\_\_\_\_ MADISON PROJECT No. 53W1671 MADISON CONTRACT No. 7172 DRAWING No. SHEET 2 OF 8 SHEETS









## NOTES (THIS SHEET)

- 1. REFER TO SPECIFICATION SECTION 26 05 01 FOR DETAILS ON SCOPE OF WORK, POWER OUTAGES, AND OVERTIME REQUIREMENTS.
- 2. THE CONDITION AND CONTINUITY OF THE EXISTING GROUNDING SYSTEM IS UNVERIFIED. USE APPROPRIATE PRECAUTION WHEN CONTACTING ALL EXISTING ELECTRICAL EQUIPMENT.
- 3. ALL EXISTING EQUIPMENT AND FEEDERS SHOWN TO BE DEMOLISHED SHALL BE COMPLETELY REMOVED. ALL REMOVED COPPER CONDUCTORS SHALL BE TURNED OVER TO THE CITY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL OTHER REMOVED
- 1. COMPLETELY REMOVE EXISTING PANELBOARD INTERIOR, TUB, FEEDER WIRE, AND CONDUIT. CAREFULLY PROTECT EXISTING BRANCH CIRCUITS FOR RECONNECTION AT THE
- 2. COMPLETELY REMOVE EXISTING EQUIPMENT, ASSOCIATED FEEDER WIRE, AND CONDUIT.
- 3. COMPLETELY REMOVE EXISTING PANELBOARD INTERIOR, TUB, FEEDER WIRE, AND CONDUIT. INSTALL NEW JUNCTION BOX(ES) AS REQUIRED TO EXTEND EXISTING CIRCUITS TO THE NEW PANEL LOCATION. EXISTING TUB SHALL NOT BE USED AS A JUNCTION
- 4. EXISTING PANELBOARD AND FEEDER TO REMAIN. INSTALL JUNCTION BOX AND EXTEND EXISTING FEEDER TO NEW DISTRIBUTION. SEE SHEETS E102 AND E502 FOR ADDITIONAL
- 5. COMPLETELY REMOVE EXISTING PANELBOARD INTERIOR AND FEEDER WIRE. CAREFULLY PROTECT EXISTING BRANCH CIRCUITS FOR RECONNECTION AT THE NEW PANELBOARD TO
- 6. REMOVE AND REINSTALL EXISTING AUTOMATIC TRANSFER SWITCH. SEE FLOOR PLANS

**ENGINEERS** 

510 N. 17TH AVE. WAUSAU, WI 54401 PHONE: 715.845.1333 FAX: 715.848.9156



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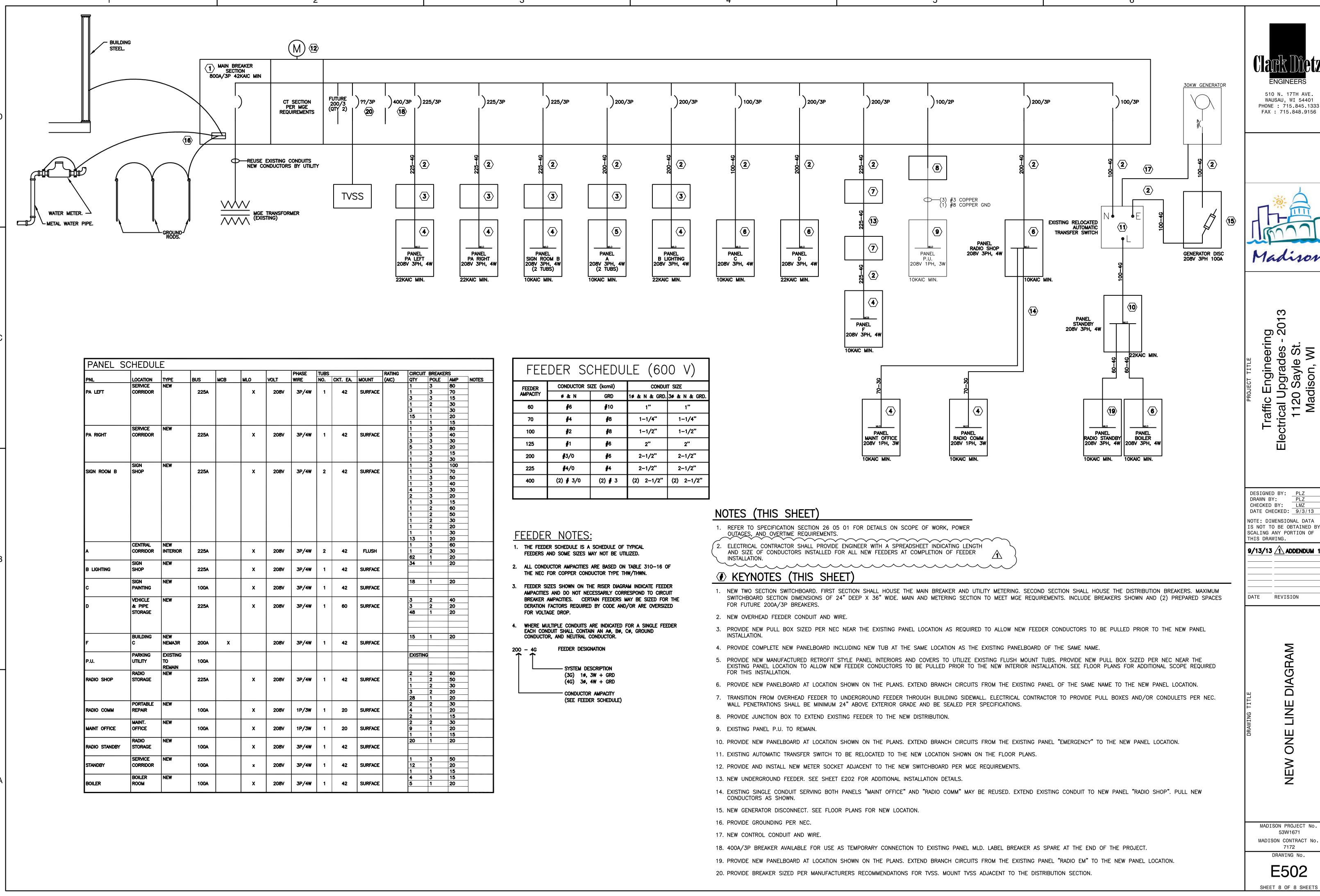
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MADISON PROJECT No. 53W1671 MADISON CONTRACT No. 7172 DRAWING No.

SHEET 7 OF 8 SHEETS



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9/13/13 <u>1</u> ADDENDUM 1

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MADISON PROJECT No. 53W1671 MADISON CONTRACT No. 7172

DRAWING No.