

CITY OF MADISON

2015 CAPITOL SQUARE NORTH PARKING GARAGE - ELECTRICAL MODIFICATIONS AND UPGRADES

CITY OF MADISON CONTRACT NO. 7585 BID DRAWINGS

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215 MARTIN LUTHER KING JR. BLVD
MADISON, WISCONSIN 53801-2986

PROJECT:
**2015 PARKING
RAMP
RESTORATION**

PROJECT LOCATION:
CAPITOL SQUARE NORTH

JSD PROJECT NO.: 13-5576

SEAL/SIGNATURE:

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

DESIGN: _____
DRAWN: _____
APPROVED: _____

PLAN MODIFICATIONS:	DATE:

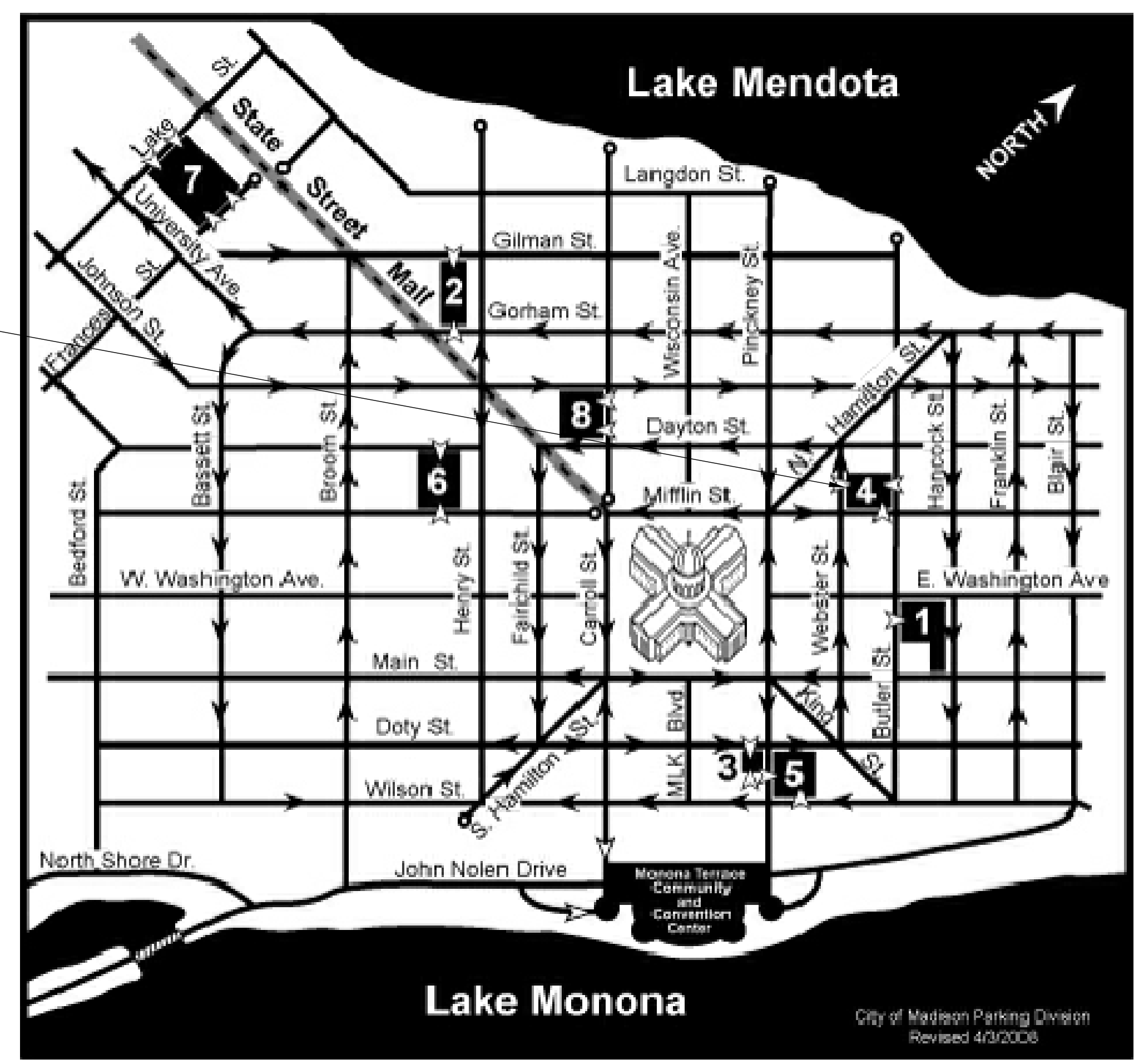
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SHEET TITLE:
**TITLE
SHEET**

SHEET NUMBER:
T100

CAPITOL SQUARE NORTH GARAGE
218 EAST MIFFLIN STREET



PARTIAL CITY OF MADISON LOCATION MAP



DRAWING INDEX

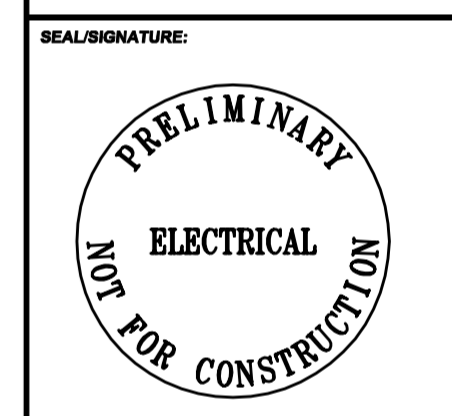
- T100 TITLE SHEET
- E000 ELECTRICAL SYMBOLS, NOTES AND ABBREVIATIONS
- E100 LEVEL 1 ELECTRICAL PLAN
- E101 LEVEL 1 ELECTRICAL PLAN
- E102 LEVEL 2 ELECTRICAL PLAN
- E103 LEVEL 3 ELECTRICAL PLAN
- E104 LEVEL 4 ELECTRICAL PLAN
- E400 ENLARGED ELECTRICAL PLANS - STAIR #1 AND STAIR #2
- E401 ENLARGED ELECTRICAL PLANS - STAIR #3 AND STAIR #4
- E500 ELECTRICAL DETAILS
- E600 ELECTRICAL SCHEDULES & ONE LINES

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. JSD PROFESSIONAL SERVICES, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THE NEW WORK. REPORT DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ENGINEER FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE ENGINEER IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.

CONTRACTORS ARE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO TEMPORARY SUPPORTS, SHORING, AND FORMING TO SUPPORT IMPOSED LOADS AND OTHER SIMILAR ITEMS.

File: I:\2013\135576\2015 CSN Electrical Modification\2015 CSN Electrical Modification - Title Sheet.dwg - Layout: T1 - User: pbaker - Plotted: Sep 15, 2015 - 3:53pm - xref's

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DESIGN: HEI
 DRAWN: HEI
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PLAN MODIFICATIONS:	DATE:

LINE WEIGHT KEY

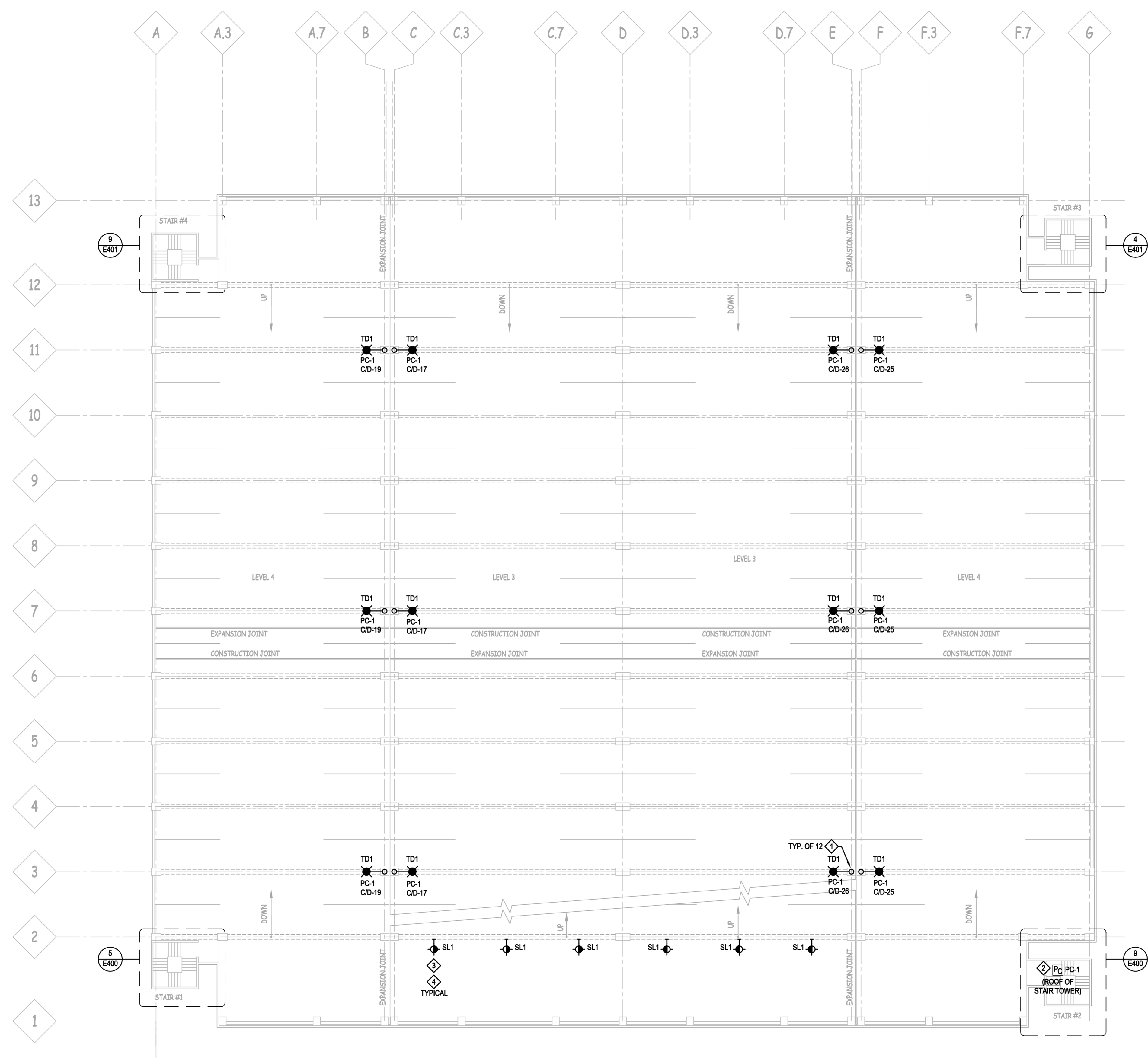
	ALL ITEMS INDICATED BY A DARK SOLID LINE ARE NEW
	ALL ITEMS INDICATED BY A LIGHT SOLID LINE ARE EXISTING TO REMAIN
	ALL ITEMS INDICATED BY A DARK DASHED LINE ARE EXISTING TO BE REMOVED OR RELOCATED.

- GENERAL NOTES:**
- REFER TO SHEET E000 FOR GENERAL PROJECT NOTES.
 - ALL RACEWAY AND CONDUCTORS SERVING LIGHTING IN THE PARKING/DRIVE AREA SHALL BE NEW.
 - ALL EXISTING BRANCH CIRCUIT CONDUCTORS SERVING VEHICLE PARKING/DRIVE AREA SHALL BE REMOVED BACK TO THEIR SOURCE IN THE LEVEL 2 OFFICE ELECTRICAL ROOM. EXISTING CONDUIT EMBEDDED IN CONCRETE STRUCTURE SHALL BE ABANDONED IN PLACE.
 - EXISTING CONDUCTORS AND BRANCH CIRCUIT RACEWAYS ORIGINATING FROM PANEL E AND SERVING STAIR TOWERS IS PERMITTED TO BE REUSED.
 - EXISTING STRUCTURAL SYSTEM IS POST TENSION CONCRETE. MAXIMUM EMBED DEPTH IS 1" FOR LIGHT FIXTURE SUPPORT AND 3/4" FOR CONDUIT SUPPORT.

- KEYED NEW WORK NOTES:**
- FURNISH NEW POLE MOUNTING BASE PLATE WITH CUSTOM BOLT PATTERN TO MATCH EXISTING ANCHOR BOLTS. POLE SHALL HAVE PROVISIONS FOR SURFACE CONDUIT ENTRY AT APPROX. 12" ABOVE BASE PLATE. ALTERNATIVELY, EPOXY ANCHOR NEW LIGHT POLE TO EXISTING CONCRETE PIER. COORDINATE ANCHOR REQUIREMENTS WITH EPOXY ANCHOR MANUFACTURER BASED UPON PROVIDED POLE AND FIXTURE.
 - EXISTING PHOTOCELL TO BE REPLACED WITH SQUARE D POWERLINK COMPATIBLE DEVICE. PROVIDE NEW CONDUCTORS FROM CONTROL PANEL.
 - PROVIDE 120-20A CIRCUIT FOR STEP LIGHT. INSTALL NEW 20A-1P BREAKER IN EXISTING PANEL C/D. CIRCUIT TO FEED THE (4) STEPLIGHTS.
 - SURFACE MOUNT STEP LIGHTING ON CONCRETE WALL AT 18" ABOVE DRIVE SURFACE.

LIGHTING CONTROL LEGEND

SYMBOL	DESCRIPTION	
	LIGHT	ON CONTINUOUSLY - 24 HOURS
	LIGHT	TIME CLOCK AND PHOTO CELL (TIME CLOCK HAS PRIMARY CONTROL; PHOTO CELL HAS SECONDARY CONTROL - SWITCHING LIGHTS ON AND OFF WHEN ALLOWED BY TIME CLOCK SETTINGS)
	LIGHT	PHOTO CELL ONLY
	LIGHT	TIME CLOCK ONLY



1 LEVEL 4 ELECTRICAL PLAN
 SCALE: 1/16" = 1'-0"

 PLAN NORTH TRUE NORTH

