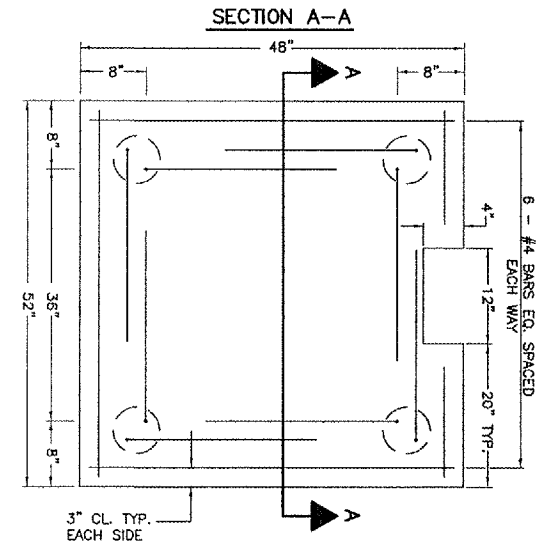
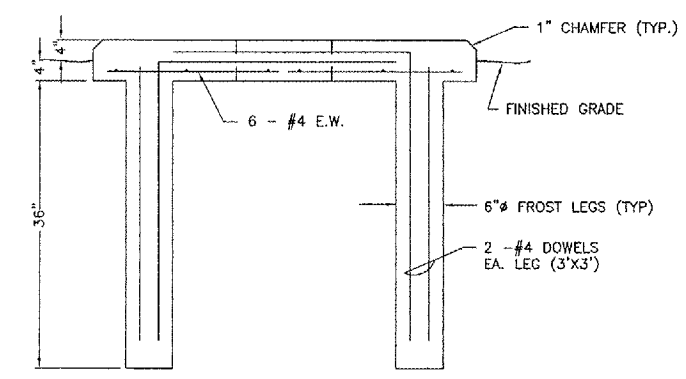
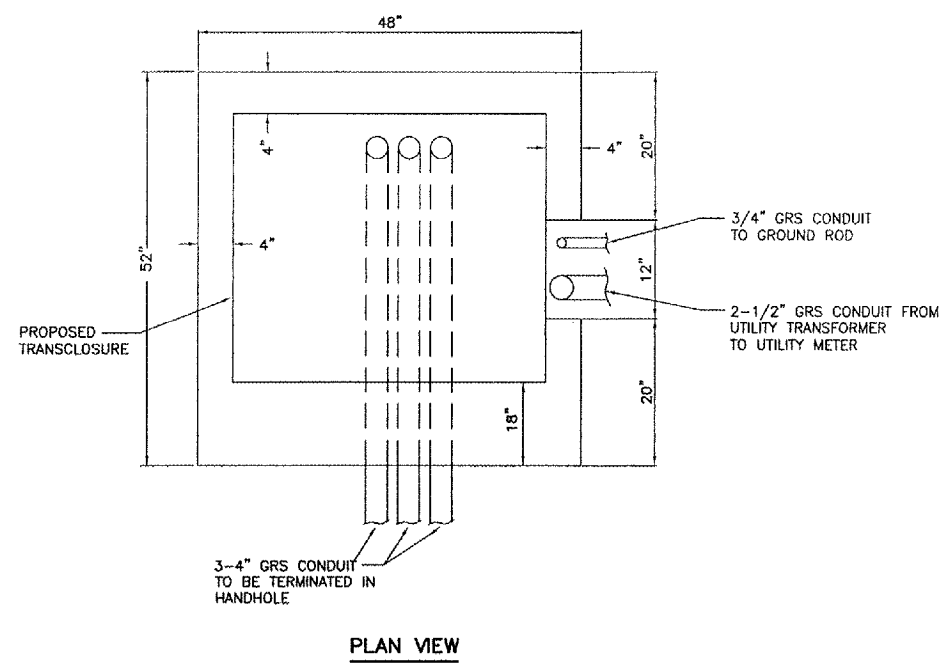


LIGHTING PANEL SCHEDULE			
CIRCUIT NO.	POLE NO.	CIRCUIT BREAKER SIZE	USAGE
A-1	1,3	200A	MAIN CIRCUIT BREAKER
A-2	2,4	20A	ELECTRIC GATE
A-3	5	20A	PARKING LOT LIGHTING
A-4	6	20A	RECEPTACLE
A-5	7	15A	LIGHT INSIDE CABINET
		15A	TIMECLOCK

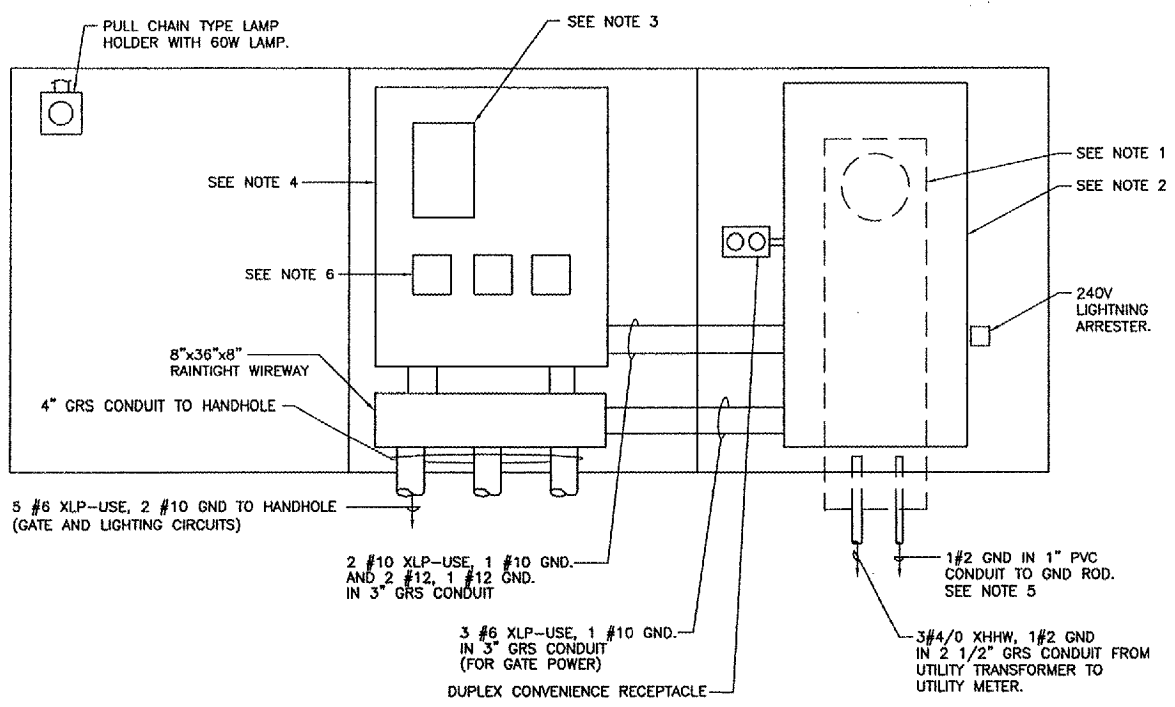
NOTES

- UTILITY METER. THE NEW ELECTRIC SERVICE SHALL BE 200 AMP, 120/240 VOLT, 1 PHASE, 3-WIRE 60 HZ SERVICE. UTILITY METER SHALL BE INSTALLED ON THE SIDE OF TRANSCLOSURE. CONTRACTOR SHALL SUPPLY THE BASE FOR METER AND COORDINATE SERVICE CONNECTION WITH UTILITY COMPANY.
- 30 CIRCUIT LIGHTING PANEL WITH 200 AMP 2-POLE MAIN CIRCUIT BREAKER.
- 8 CIRCUIT PROGRAMMABLE TIMECLOCK, MODEL NO. ET70B15CR AS MANUFACTURED BY INTERMATIC OR EQUAL.
- 42"x36"x8" JUNCTION BOX HOUSING FOR TIMECLOCK AND CONTACTORS.
- GROUND ROD SHALL BE 3/4" DIA. x 10'-0" COPPER CLAD. ALL CONNECTIONS TO GROUND ROD SHALL BE ONE-SHOT EXOTHERMIC TYPE.
- 30A, 2-POLE LIGHTING CONTACTOR. (TYP. OF 3)



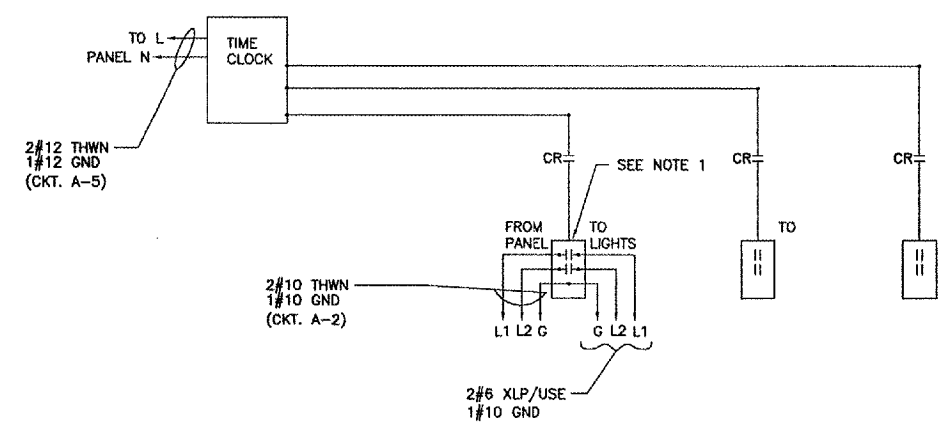
CONCRETE PAD FOR ELECTRICAL TRANSCLOSURE

- NOT TO SCALE
- CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH AT 14 DAYS OF 3500 PSI
 - REINFORCING STEEL SHALL BE A-615 GRADE 60
 - ALL EXPOSED EDGES AND EQUIPMENT PADS SHALL BE CHAMFERED 1"
 - CONTRACTOR SHALL INSTALL CONDUITS THROUGH PAD AS REQUIRED. CONDUITS NOT SHOWN FOR CLARITY.
 - DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.



ELECTRICAL TRANSCLOSURE DETAIL

NOT TO SCALE



LIGHTING CONTROLLER WIRING SCHEMATIC

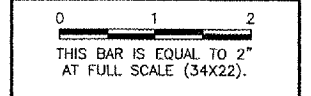
NOT TO SCALE

NOTES:

- 2 POLE, 30 AMP LIGHTING CONTACTOR. (TYP. OF 3)

REVISIONS

NUMBER	BY	DATE



LANSING MUNICIPAL AIRPORT
 LANSING, ILLINOIS
 NORTH QUADRANT SITEWORK - PHASE 1
 AND TAXIWAY G2 EXTENSION
 ELECTRICAL DETAILS - SHEET 3

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DESIGN BY:	DKP
DRAWN BY:	JRO
CHECKED BY:	ARM
APPROVED BY:	
DATE:	03/04/05
JOB No:	03297-02
IL PROJECT:	IGQ-3329
A.I.P. PROJECT:	3-17-0121-B21
SHEET	24 OF 50 SHEETS