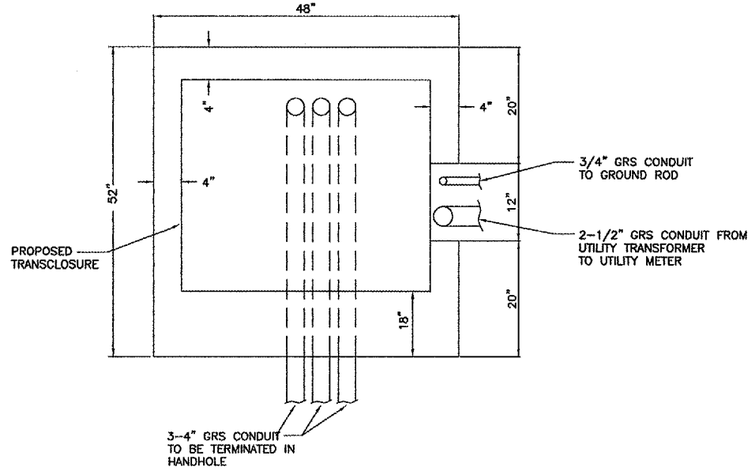
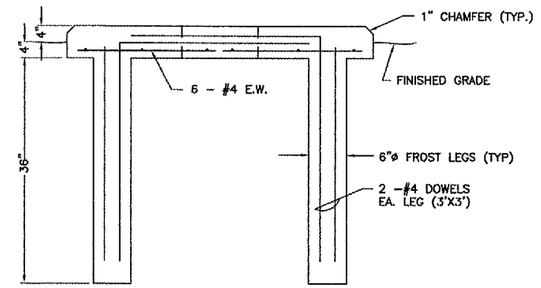
LIGHTING PANEL SCHEDULE			
CIRCUIT NO.	POLE NO.	CIRCUIT BREAKER SIZE	USAGE
		200A	MAIN CIRCUIT BREAKER
A–1	1,3	20A	ELECTRIC GATE
A–2	2,4	20A	PARKING LOT LIGHTING
A–3	5	20A	RECEPTACLE
A–4	6	15A	LIGHT INSIDE CABINET
A–5	7	15A	TIMECLOCK

NOTES

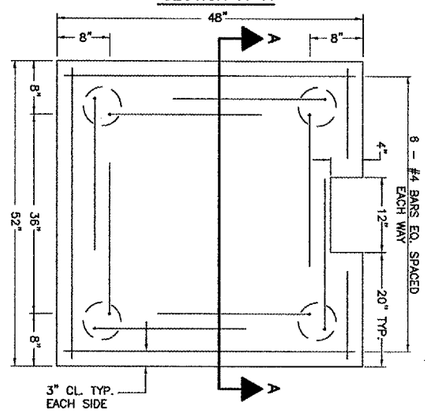
1. UTILITY METER. THE NEW ELECTRIC SERVICE SHALL BE 200 AMP, 120/240 VOLT, 1 PHASE, 3–WIRE 60 HZ SERVICE. UTILITY METER SHALL BE INSTALLED ON THE SIDE OF TRANSCLOSURE. CONTRACTOR SHALL SUPPLY THE BASE FOR METER AND COORDINATE SERVICE CONNECTION WITH UTILITY COMPANY.
2. 30 CIRCUIT LIGHTING PANEL WITH 200 AMP 2–POLE MAIN CIRCUIT BREAKER.
3. 8 CIRCUIT PROGRAMMABLE TIMECLOCK, MODEL NO. ET70815CR AS MANUFACTURED BY INTERMATIC OR EQUAL.
4. 42"x36"x8" JUNCTION BOX HOUSING FOR TIMECLOCK AND CONTACTORS.
5. GROUND ROD SHALL BE 3/4" DIA. x 10'–0" COPPER CLAD. ALL CONNECTIONS TO GROUND ROD SHALL BE ONE–SHOT EXOTHERMIC TYPE.
6. 30A, 2–POLE LIGHTING CONTACTOR. (TYP. OF 3)



PLAN VIEW



SECTION A–A

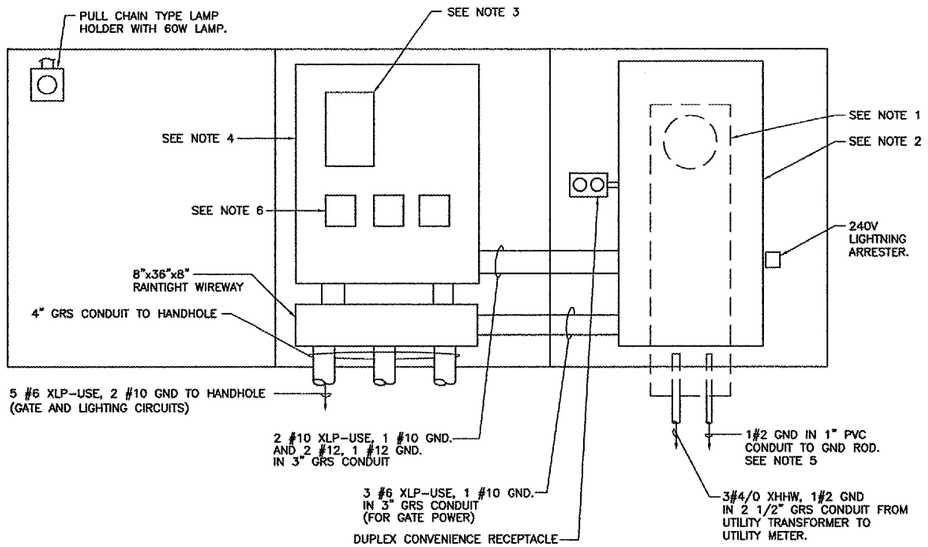


PLAN VIEW

CONCRETE PAD FOR ELECTRICAL TRANSCLOSURE

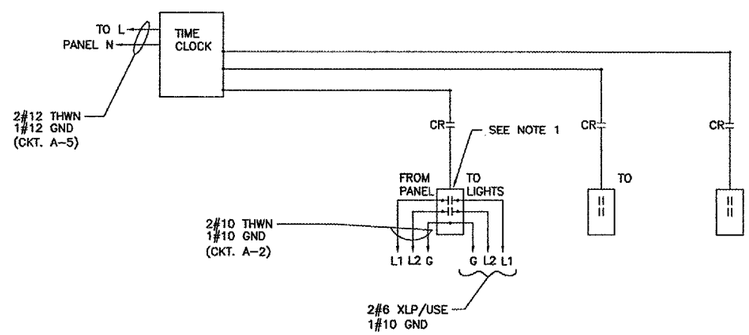
NOT TO SCALE

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



ELECTRICAL TRANSCLOSURE DETAIL

NOT TO SCALE



NOTES:

1. 2 POLE, 30 AMP LIGHTING CONTACTOR. (TYP. OF 3)

LIGHTING CONTROLLER WIRING SCHEMATIC

NOT TO SCALE

PATH: K:\0329702\sheets\
FILE: edtl3.dwg
UPDATE BY: charper
SURVEY BOOK #
XREF DWG:
XREF DWG:
DATE: Tue 2/22/05 10:08am

REVISIONS

NUMBER	BY	DATE

0 1 2
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

LANSING MUNICIPAL AIRPORT
LANSING, ILLINOIS

NORTH QUADRANT SITEWORK - PHASE 1
AND TAXIWAY G2 EXTENSION

ELECTRICAL DETAILS - SHEET 3

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS
License No. 184-000613

Lansing Municipal airport

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