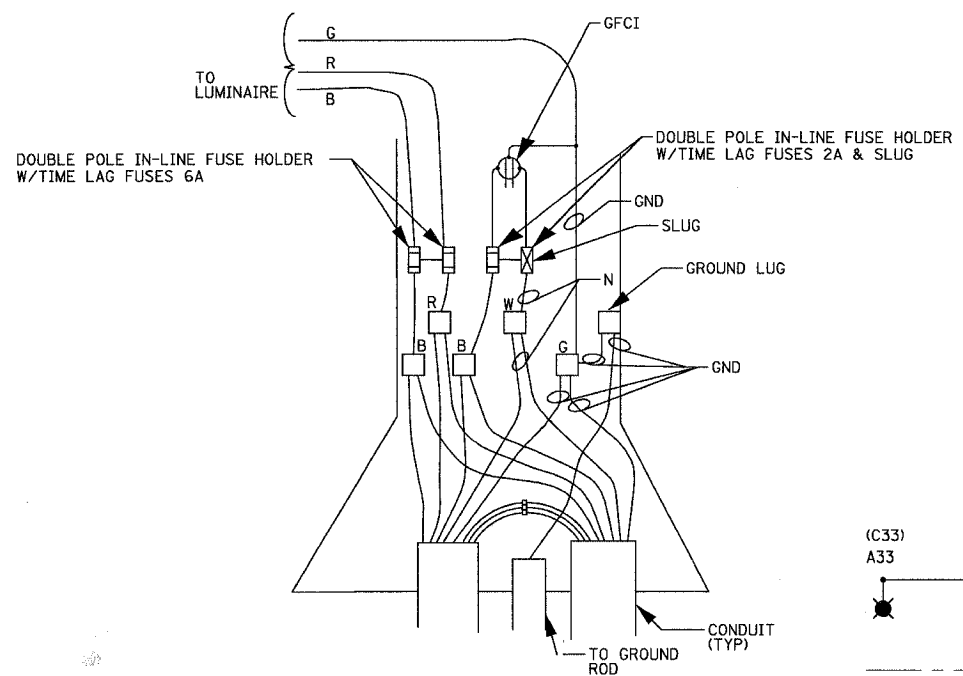


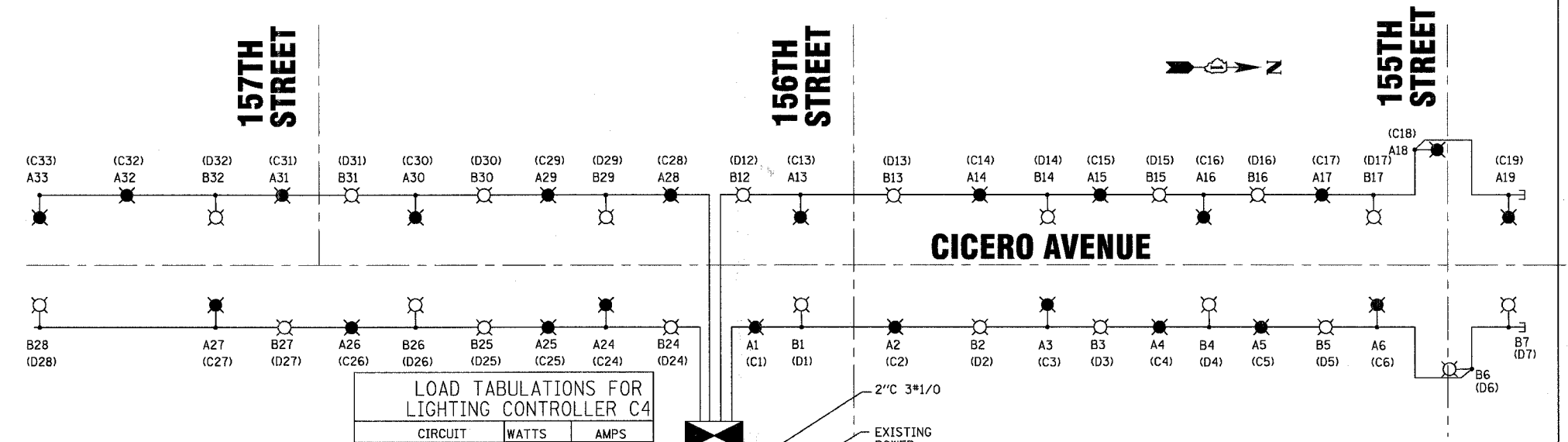
CONTRACT NO. 83962

LEGEND

- ⊗ EXISTING LIGHTING UNIT TO REMAIN
- ⊗ A33 (C33) PROPOSED STREET LIGHT "ON CIRCUIT A" & FESTOON "ON CIRCUIT C" 40' MOUNTING HEIGHT, 310 WATT HPS, 240V W/15' ARM
- ⊗ B13 (D13) PROPOSED STREET LIGHT "ON CIRCUIT B" & FESTOON "ON CIRCUIT D" 40' MOUNTING HEIGHT, 310 WATT HPS, 240V W/15' ARM
- ⊗ A12 (C12) PROPOSED STREET LIGHT "ON CIRCUIT A" & FESTOON "ON CIRCUIT C" 15' MOUNTING HEIGHT, 70 WATT HPS, 240V W/2' ARM
- ⊗ B11 (D11) PROPOSED STREET LIGHT "ON CIRCUIT B" & FESTOON "ON CIRCUIT D" 15' MOUNTING HEIGHT, 70 WATT HPS, 240V W/2' ARM
- EXISTING COM ED SERVICE POLE
- PROPOSED NEW COM-ED POLE
- ⊗ PROPOSED LIGHTING CONTROLLER
- ⊗ EXISTING LIGHTING CONTROLLER
- EX - EXISTING STREET LIGHTING WIRING TO REMAIN



TYPICAL POLE WIRING DETAIL FOR ROADWAY AND ORNAMENTAL LIGHT UNITS



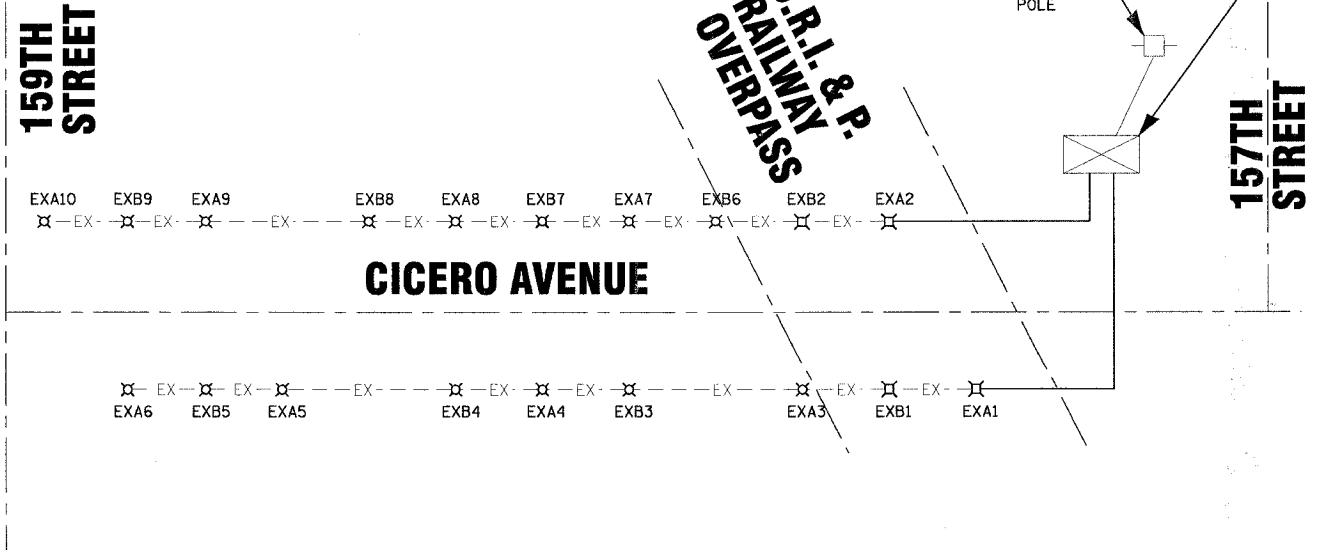
LOAD TABULATIONS FOR LIGHTING CONTROLLER C4

CIRCUIT	WATTS	AMPS
A LIGHTS	4,010	22.20
A LIGHTS (FUTURE)	1,420	7.9
B LIGHTS	3,940	21.80
B LIGHTS (FUTURE)	1,420	7.9
C/D RECEPT.	8,100	34.5
C/D RECEPT. (FUTURE)	3,600	15
TOTAL	16,050	109.3

LOAD TABULATIONS FOR LIGHTING CONTROLLER C3

CIRCUIT	WATTS	AMPS
A LIGHTS	2,500	14.0
B LIGHTS	2,250	12.6
TOTAL	4,750	26.6

JOHN T. BEAM
62-03344
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
ELECTRICAL ENGINEER
LICENSE EXPIRES 11-30-07



- NOTES
- ALL EXISTING STREET LIGHTS TO THE NORTH OF CONTROLLER (C3) ARE TO BE REMOVED WHEN NEW STREET LIGHTS ARE OPERATIONAL, TO BE DECOMMISSIONED BY CONTRACTOR FOR RE-USE BY THE CITY.
 - CONTRACTOR IS RESPONSIBLE FOR DISCONNECTING LIGHTS AT THE EXISTING LIGHTING CONTROLLER AND SALVAGING THE LIGHTS TO THE NORTH FOR RE-USE BY THE CITY, AND THE DEMOLITION AND REMOVAL OF THE OLD POLE FOUNDATIONS.

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CONSULTANTS	REV. NO.	DATE	DESCRIPTION

* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

DRAWING FILE: #FILEA#

BAXTER & WOODMAN
Consulting Engineers

Baxter & Woodman
Crystal Lake, Illinois 815.409.1280
Itasca, Illinois 815.723.1870
Burlington, Wisconsin 262.763.7834
Mokena, Illinois 708.478.3090
DeKalb, Illinois 815.787.3111
Orland Park, Illinois 847.233.5088
Rockford, Illinois 815.498.1551
Plainfield, Illinois 815.609.7425

CITY OF OAK FOREST, ILLINOIS
FAP 350 CICCRO AVENUE IMPROVEMENTS
(155TH ST. TO 159TH ST.)

DESIGNED BY JLR
DRAWN BY MAC
CHECKED BY JTB
DATE 06/21/07

SCALE NONE
PROJECT NO. 060467
SHEET NO.

3 OF 10