









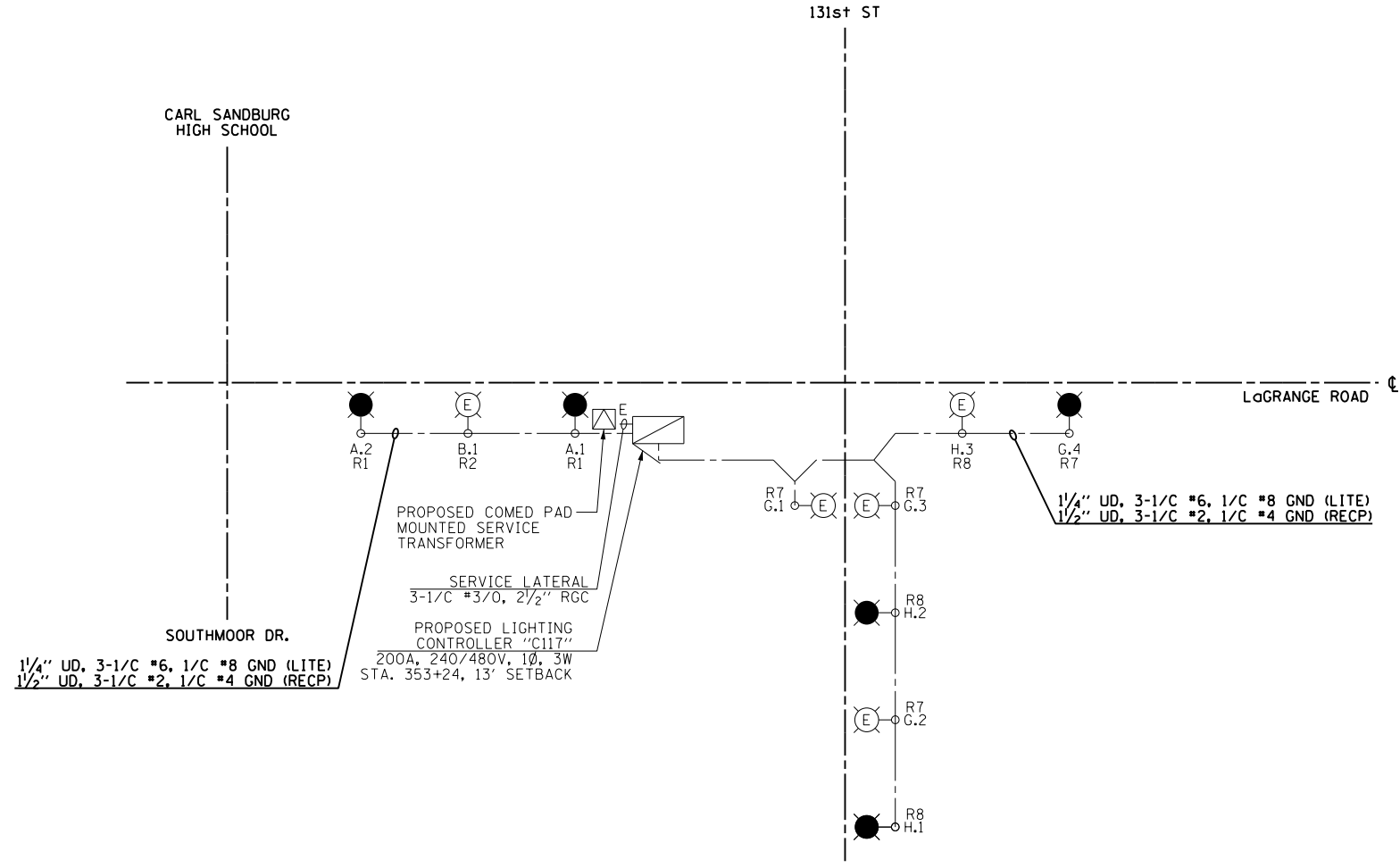


LEGEND:

-  PROPOSED LIGHTING UNIT: 400W, 240V PHASE TO NEUTRAL, HPS LUMINAIRE WITH TYPE III DISTRIBUTION, 45'-2" ALUMINUM POLE SHAFT ON 24" DIAMETER CONCRETE FOUNDATION, 47'-6" MOUNTING HEIGHT, 12'-0" MAST ARM, WITH 5A FUSES AND T-BASE (RED PHASE-OPEN SYMBOL, BLACK PHASE-SHADED SYMBOL)
-  PROPOSED ROADWAY LIGHTING UNIT INSTALLED IN EARLIER CONSTRUCTION STAGE
-  PROPOSED COMBINATION POLE LIGHTING UNIT INSTALLED IN EARLIER CONSTRUCTION STAGE
-  PROPOSED ROADWAY LIGHTING CONTROLLER INSTALLED IN EARLIER CONSTRUCTION STAGE
-  PROPOSED COMBINATION LIGHTING CONTROLLER INSTALLED IN EARLIER CONSTRUCTION STAGE
-  COMBINATION SERVICE DISCONNECT INSTALLED IN EARLIER CONSTRUCTION STAGE
-  EXISTING COMED PAD-MOUNTED TRANSFORMER FOR UTILITY SERVICE CONNECTION
-  PROPOSED CONDUIT AND CABLE TO SECONDARY SIDE OF UTILITY SERVICE CONNECTION INSTALLED IN EARLIER CONSTRUCTION STAGE
-  PROPOSED UNIT DUCT: SIZE AND QUANTITY OF CONDUCTORS AS INDICATED
-  PROPOSED UNIT DUCT INSTALLED IN EARLIER CONSTRUCTION STAGE

NOTES:

1. SEE DRAWING E-1 FOR ELECTRICAL ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES.
2. COLOR CODING OF CONDUCTORS FOR 240/480V, 1Ø, 3W LIGHTING SYSTEM IS AS FOLLOWS:
 "A" PHASE - RED
 "B" PHASE - BLACK
 NEUTRAL - WHITE
 GROUND - GREEN



LIGHTING CONTROLLER "C117" STAGE 1B WIRING DIAGRAM
N.T.S.



LIGHTING CONTROLLER "C117" ROADWAY LIGHTING PANEL LOAD TABLE					
CIRCUIT	RED PHASE		CIRCUIT	BLACK PHASE	
	AMPS	WATTS		AMPS	WATTS
A	4	960	B	4	960
C	--	--	D	--	--
E	--	--	F	--	--
G	4	960	H	2	480
I	--	--	J	--	--
K	--	--	L	--	--
M	2	480	N	2	480
O	2	480	P	2	480
Q	--	--	R	--	--
S	--	--	T	--	--
U	--	--	V	--	--
W	--	--	X	--	--
TOTAL	12	2880	TOTAL	10	2400

LOAD TABULATION IS BASED ON THE FOLLOWING:
400W HPS LUMINAIRE: 2.0A AT 240V

100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL (312) 935-1000
 FAX (312) 935-4198
URS

FILE NAME = D:\60M62-SHT-E35.dgn	USER NAME = Anthony.Plutz	DESIGNED - MAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US 45 (LaGRANGE ROAD) LIGHTING CONTROLLER "C117" STAGE 1B WIRING DIAGRAM	F.A.P. RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SHT.PLAN	PLOT SCALE = 2.000000' / in.	DRAWN - WM	REVISED -			330	103R-5	COOK	778	359	
	PLOT DATE = 3/13/2013	CHECKED - DAD	REVISED -			E-35		CONTRACT NO. 60M62			
		DATE - 03/13/13	REVISED -			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	