




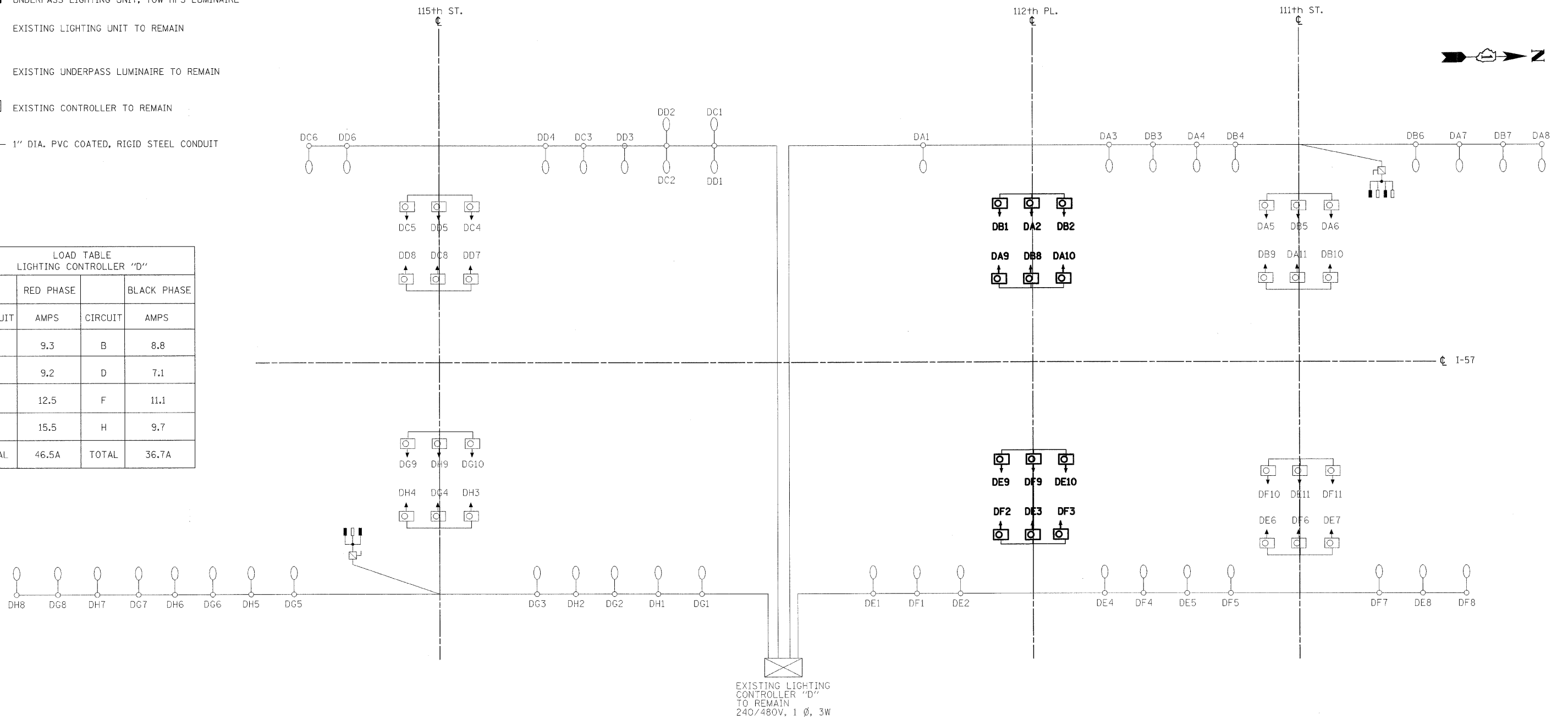


LEGEND:

-  UNDERPASS LIGHTING UNIT, 70W HPS LUMINAIRE
-  EXISTING LIGHTING UNIT TO REMAIN
-  EXISTING UNDERPASS LUMINAIRE TO REMAIN
-  EXISTING CONTROLLER TO REMAIN
-  1" DIA. PVC COATED, RIGID STEEL CONDUIT

LOAD TABLE LIGHTING CONTROLLER "D"			
	RED PHASE		BLACK PHASE
CIRCUIT	AMPS	CIRCUIT	AMPS
A	9.3	B	8.8
C	9.2	D	7.1
E	12.5	F	11.1
G	15.5	H	9.7
TOTAL	46.5A	TOTAL	36.7A



DRAWING FOR INFORMATION ONLY

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
112TH PLACE OVER
F.A.I ROUTE 57 (INTERSTATE 57)

WIRING DIAGRAM

SCALE: NONE
DATE: 01/16/09

DRAWN BY: ACL
CHECKED BY: PR

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE., CHICAGO, IL 60601
TELEPHONE: 312/616-0000

..\112TH ST BORDER.DGN
 I-6-2009.131150
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63
 HECHTBR