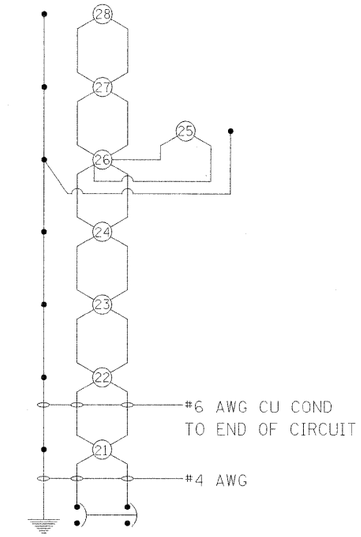
PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaires.

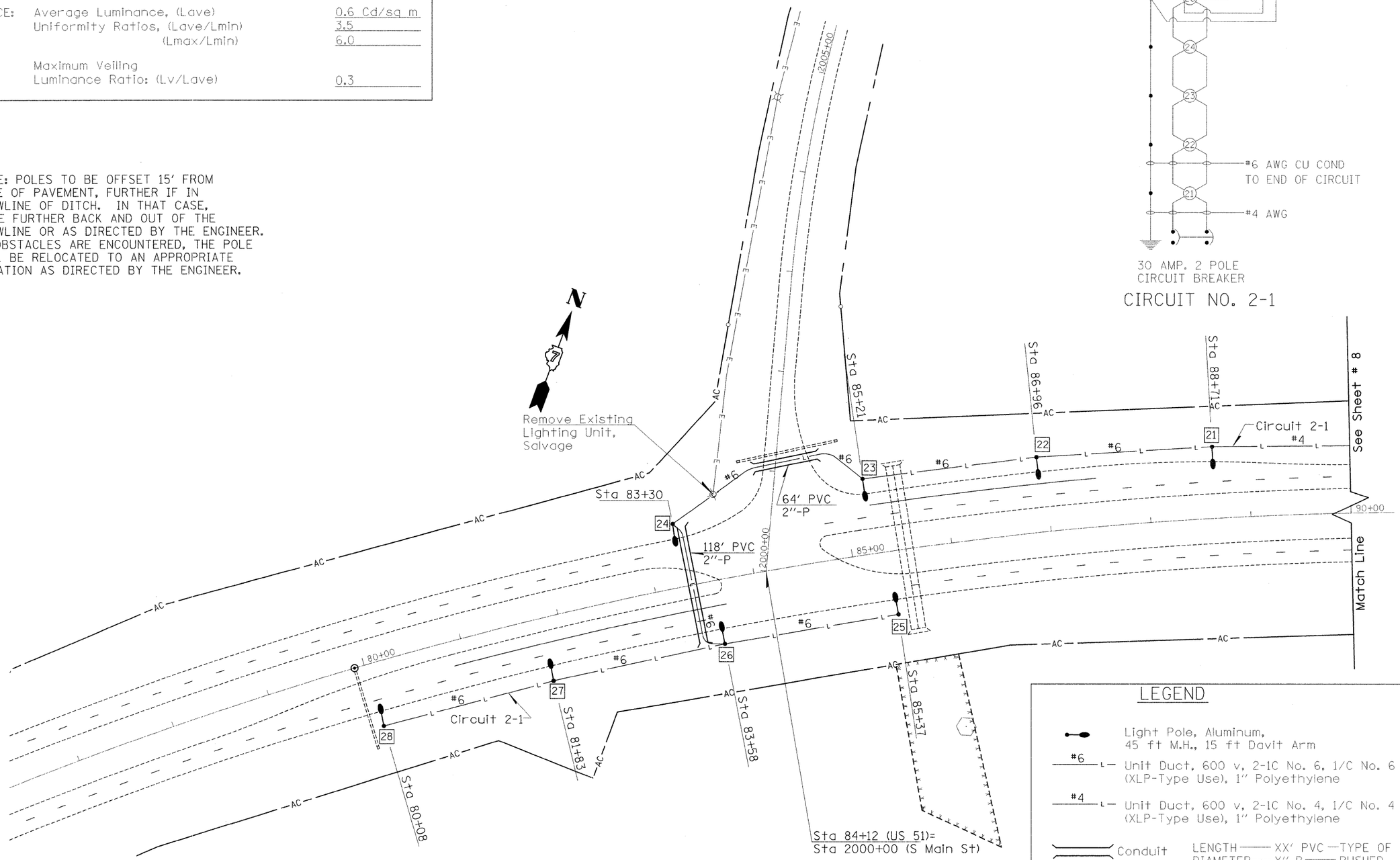
ILLUMINANCE:	Average Horizontal Illuminance, (Eave)	9.0 Lux
	Uniformity Ratio, (Eave/Emin)	3.0
LUMINANCE:	Average Luminance, (Lave)	0.6 Cd/sq m
	Uniformity Ratios, (Lave/Lmin)	3.5
	(Lmax/Lmin)	6.0
	Maximum Veiling Luminance Ratio: (Lv/Lave)	0.3

NOTE: POLES TO BE OFFSET 15' FROM EDGE OF PAVEMENT, FURTHER IF IN FLOWLINE OF DITCH. IN THAT CASE, MOVE FURTHER BACK AND OUT OF THE FLOWLINE OR AS DIRECTED BY THE ENGINEER. IF OBSTACLES ARE ENCOUNTERED, THE POLE WILL BE RELOCATED TO AN APPROPRIATE LOCATION AS DIRECTED BY THE ENGINEER.



30 AMP. 2 POLE
CIRCUIT BREAKER

CIRCUIT NO. 2-1



LEGEND

- Light Pole, Aluminum, 45 ft M.H., 15 ft Davit Arm
- #6 — Unit Duct, 600 v, 2-1C No. 6, 1/C No. 6 Ground, (XLP-Type Use), 1" Polyethylene
- #4 — Unit Duct, 600 v, 2-1C No. 4, 1/C No. 4 Ground, (XLP-Type Use), 1" Polyethylene
- Conduit — LENGTH — XX' PVC — TYPE OF MATERIAL; DIAMETER — X"-P — PUSHED

FILE NAME = c:\projects\74289g\shtpln_74289.dgn	USER NAME = mcclellania	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HIGHWAY LIGHTING LOCATION 2	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN -	REVISED -			322	(46,47)L	SHELBY	16 / 7
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 74289	
	PLOT DATE = 2/7/2008	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	