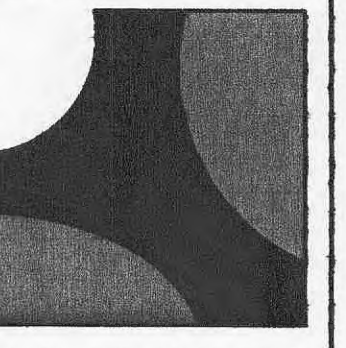


PHOTOMETRIC LIGHTING PLAN
SCALE: 1" = 30'-0"
NORTH

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
□	2	SA	SINGLE	N.A.	0.900	LESTER - AR18-30M-MV-NV-4-XX-50
□	1	WA	SINGLE	N.A.	0.900	XTOR3A
□	1	WB	SINGLE	N.A.	0.900	XTOR3A

CALCULATIONS BASED ON 28 FOOT MOUNTING HEIGHTS

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING AREA ONE	Illuminance	Fc	1.56	8.6	0.1	15.60	86.00
PARKING AREA TWO	Illuminance	Fc	1.61	4.3	0.2	8.05	21.50
SPILL LIGHT	Illuminance	Fc	0.25	3.3	0.0	N.A.	N.A.



CONFLUENCE DESIGN GROUP

110 Ruler Drive
Old Monroe, MO 63369
ph: 314.640.6212

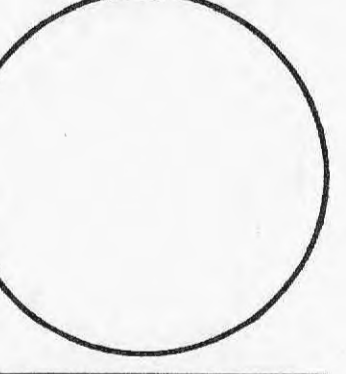
M/P/E ENGINEERS
FACILITY ENGINEERING
SERVICES LLC
MO CAP E-2004011833-D
13067 WINDING TRAIL LN
ST. LOUIS, MO 63131
JACK HOPSON, P.E.
PHONE (314) 821-1339
FAX (314) 822-9786

STRUCTURAL
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CIVIL
MUSLER ENGINEERING
32 PORTWEST COURT
ST. CHARLES, MO 63303
CONTACT: RICH MUSLER
PHONE: 636-916-0444
FAX: 636-916-3444

New Building for:
Jeff and Armen LLC
Highway N
O'Fallon, Missouri

DATE	ISSUE	R#
7-18-14	95% OWNER REVIEW	
7-30-14	PERMIT & BID ISSUE	
8-16-14	SITE LIGHTING REVISION	1



Michael J. Bauman
ARCHITECT

PROJECT MANAGER: MJB
DRAWN BY: KSB/JMS

PROJECT NUMBER
14-009
DATE
7-30-14

SHEET
ES-1
PHOTOMETRIC
LIGHTING
PLAN