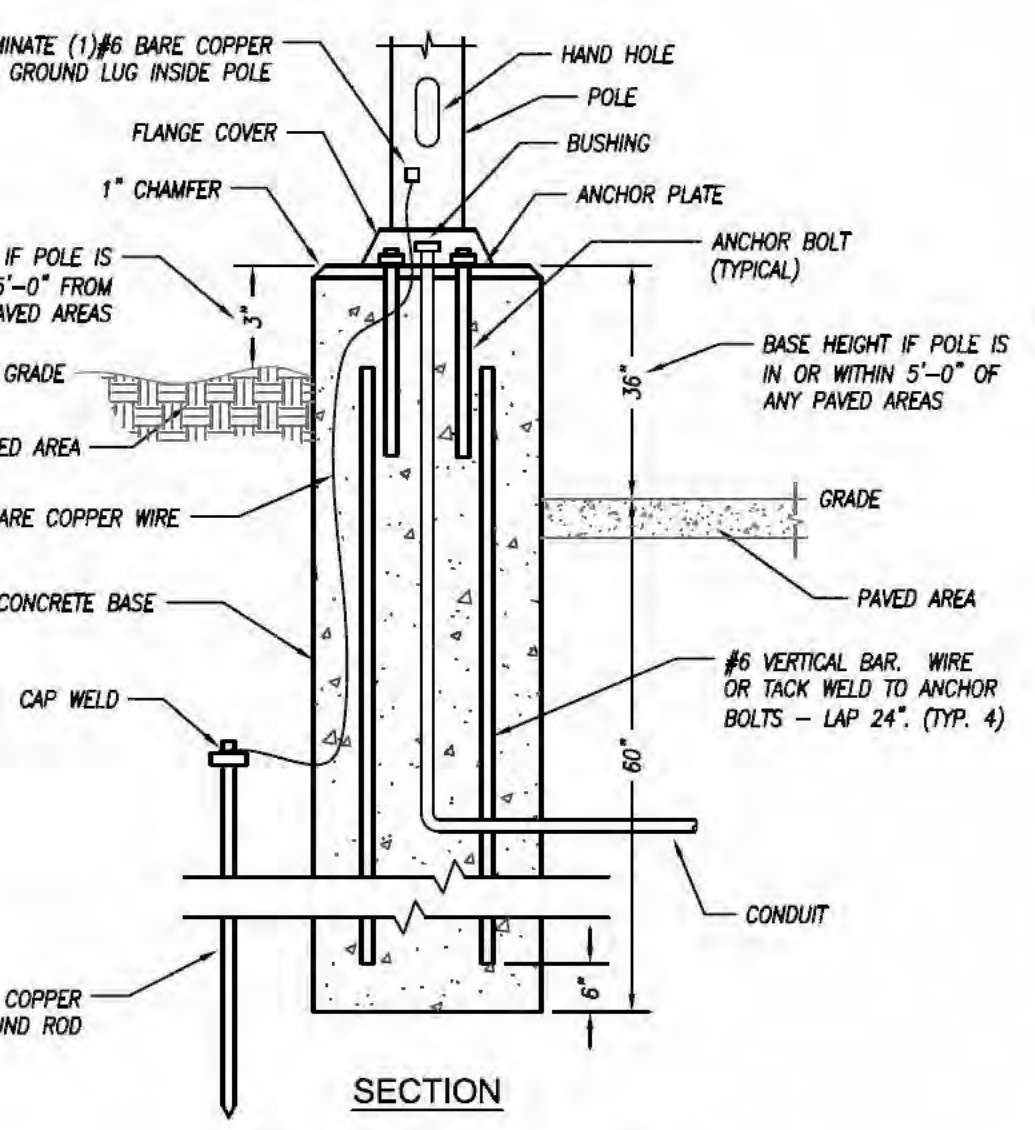
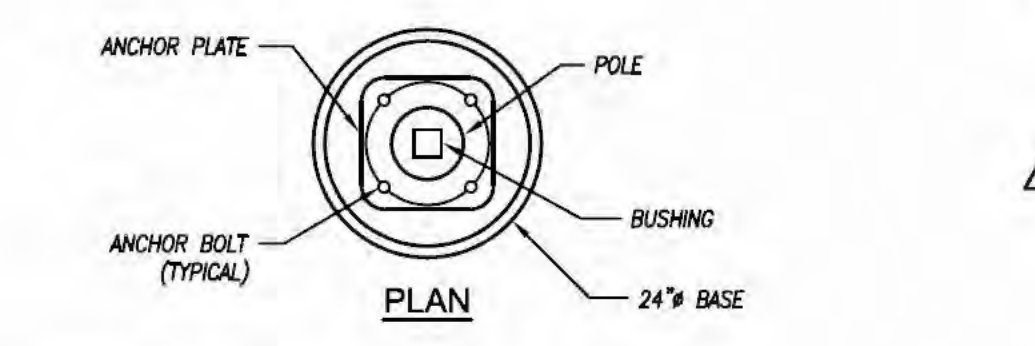


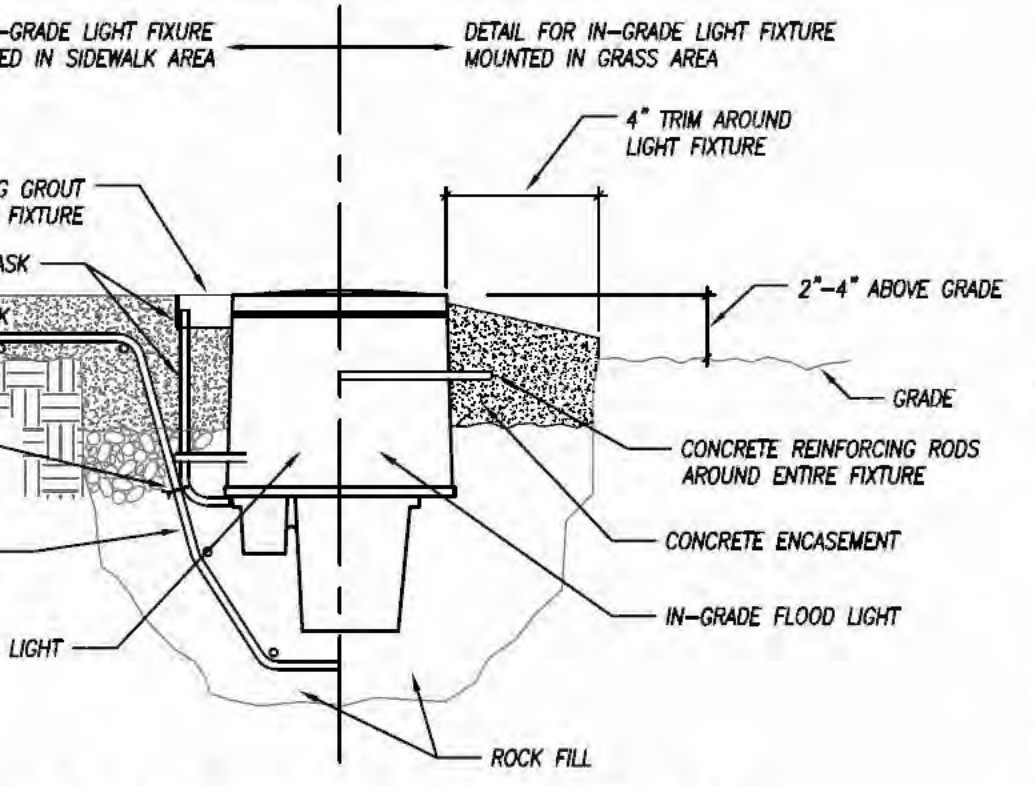
DESCRIPTION	MAINTAINED LIGHTING LEVELS			UNIFORMITY	
	AVG. (FC)	MAX. (FC)	MIN. (FC)	MAX./MIN.	AVG./MIN.
BUILDINGS 1,2,3,5,6 NORTH PARKING LOT	2.1	3.9	0.7	5.6:1	3.0:1
BUILDING 4 WEST PARKING LOT	1.8	3.0	0.9	3.3:1	2.0:1
BUILDINGS 7,8,9,10 SOUTH PARKING LOT	1.9	4.3	0.3	14.3:1	6.3:1

NOTES:
1. NUMBERS INDICATE FOOTCANDLE LEVELS AT GRADE.
2. CALCULATIONS PERFORMED USING VISUAL 2.05.
3. THERE SHALL BE NO DIRECT ILLUMINATION OF RESIDENTIAL PROPERTIES ADJACENT TO THIS PROPERTY OR ACROSS PUBLIC RIGHT-OF-WAY.

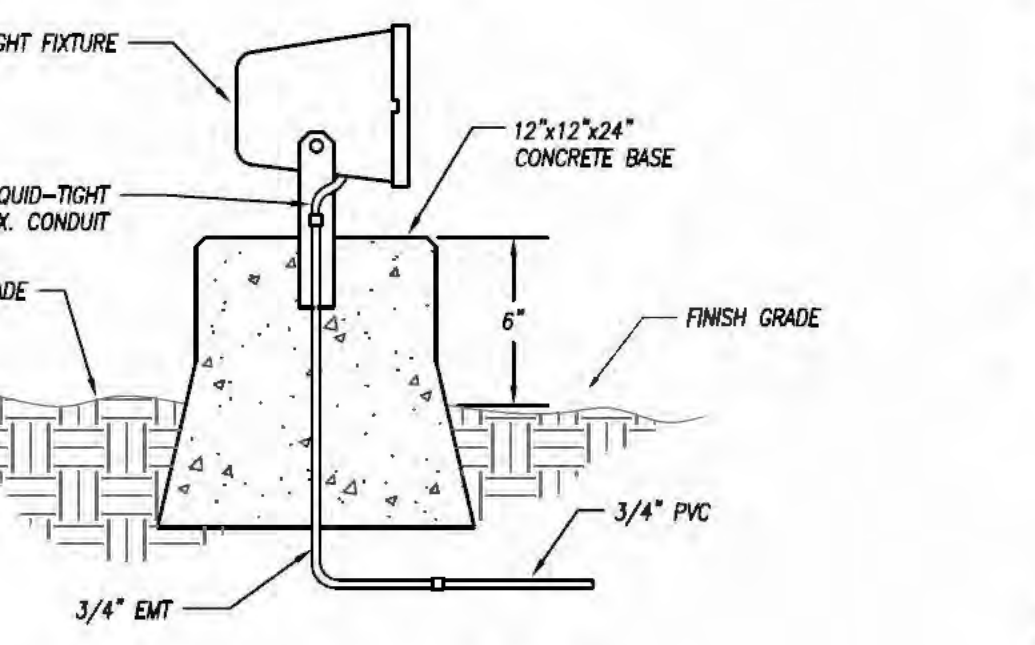
FIXTURE TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LAMP NUMBER / DESCRIPTION
CL	KIM	LIGHTVAULT LTV780 SERIES	6" DIAMETER ACCENT LIGHT. DIE-CAST BRASS LENS RING AND HOUSING. ONE-PIECE MOLDED SILICONE GASKET. CLEAR TEMPERED SODA LIME LENS, SLIGHTLY CROWNED. UL LISTED WET LOCATION.	ONE (1) 50 WATT PAR HALOGEN
R	LUMARK	CROSSTOUR FLOODLIGHT KIT	EXTERIOR GROUND-MOUNTED RECTANGULAR WIDE FLOOD LED FIXTURE. SWIVEL MOUNTING. FINISH AS DIRECTED BY ARCHITECT. UL LISTED WET LOCATION. FURNISH FIXTURE WITH STANCHION FOR MOUNTING ON GRADE. SET BASE IN CONCRETE AS DIRECTED BY FIXTURE MANUFACTURER - REFER TO DETAIL ON SITE PLAN FOR ADDITIONAL BASE WORK.	ONE (1) 26 WATT, 2804 LUMEN, LED MODULE. 3500K COLOR TEMPERATURE.
T1	PROGRESS	P6571-10B	DECORATIVE, WALL-MOUNTED LIGHT FIXTURE. 10" WIDE x 16-3/4" HIGH COMPOSITE HOUSING WITH TUSCAN GLASS LENS. ENERGY STAR CERTIFIED. WALNUT PATINA FINISH.	ONE (2) 60 WATT A19 INCANDESCENT.
T2	LUMARK	CROSSTOUR	LOW-PROFILE EXTERIOR WALL-MOUNTED FIXTURE. ONE-PIECE, DIE-CAST ALUMINUM HOUSING. IMPACT-RESISTANT, TEMPERED GLASS LENS. FORWARD THROW OPTICS WITH FULL CUTOFF PERFORMANCE. INTEGRAL LED DRIVER WITH HEAT SINK. POWDER COAT FINISH DARK BRONZE - COORDINATE WITH ARCHITECT/BUILDING OWNER. UL LISTED WET LOCATION.	ONE (1) 26 WATT, 2804 LUMEN, LED MODULE. 3500K COLOR TEMPERATURE.
T3	PROGRESS LIGHTING	PS766-09	ROMAN COACH WALL-MOUNTED OUTDOOR LANTERN. COMPACT FLUORESCENT. ONE (1) 13 WATT CU-24 BASE, ETCHED SEEZED GLASS CURVED PANELS, ALUMINUM CONSTRUCTION, PLATED BRUSHED NICKEL FINISH. WET LOCATION LISTED.	ONE (1) 13 WATT GU-24 LAMP
W	SPALDING	CIMARRON LED	POLE-MOUNTED AREA LIGHT. ARCHITECTURAL, ONE-PIECE DIE-CAST ALUMINUM HOUSING. DIE-CAST ALUMINUM DOOR. FULLY GASKETED, INDIVIDUAL ACRYLIC LENSES. IES TYPE II DISTRIBUTION. ESN4 FULL CUTOFF LIGHTING CLASSIFICATION. INTEGRAL LED DRIVER. DIE CAST ALUMINUM MOUNTING ARM. PROVIDE WITH 25" HIGH SQUARE STRAIGHT STEEL POLE. POWDER COAT FINISH DARK BRONZE - COORDINATE WITH ARCHITECT.	ONE (1) 135 WATT, 14984 LUMEN, L60 LED LIGHTBAR ARRAY. 4000K COLOR TEMPERATURE.
W1	SPALDING	CIMARRON LED	SAME AS FIXTURE TYPE "W" EXCEPT IES TYPE V WIDE DISTRIBUTION.	ONE (1) 135 WATT, 14891 LUMEN, L60 LED LIGHTBAR ARRAY. 4000K COLOR TEMPERATURE.
W2	SPALDING	CIMARRON LED	SAME AS FIXTURE TYPE "W" EXCEPT FURNISH WITH BACKLIGHT CONTROL OPTION.	ONE (1) 135 WATT, 14891 LUMEN, L60 LED LIGHTBAR ARRAY. 4000K COLOR TEMPERATURE.



POLE BASE DETAIL
NOT TO SCALE



IN-GRADE FLOOD LIGHT DETAIL
NOT TO SCALE



FLOOD LIGHT DETAIL
NOT TO SCALE

SHEET SL100 IS LIGHTING PHOTOMETRIC PLAN FOR REFERENCE ONLY. REFER TO MEP SITE PLAN AND ASSOCIATED PLANS FOR WORK.

pkmr ENGINEERS
PEARSON KENT MOKNEY RAAF ENGINEERS LLC
13300 W 88TH STREET
LENEXA, KS 66215
913.492.2400
WWW.PKMRENG.COM
MO State Certificate of Authority #E-200202886

MICHAEL D. RAAF
REGISTERED PROFESSIONAL ENGINEER
NUMBER PE-2005028091
Michael D. Raaf - Engineer
MO# PE-2005028091

HILLMANN PLACE II
FALLON, MO

SHEET TITLE
ELECTRICAL
PHOTOMETRIC
CALCULATIONS
PROJECT NUMBER: 16012
SHEET NUMBER:

SL100

DRAWN BY: Author CHECKED BY: Checker