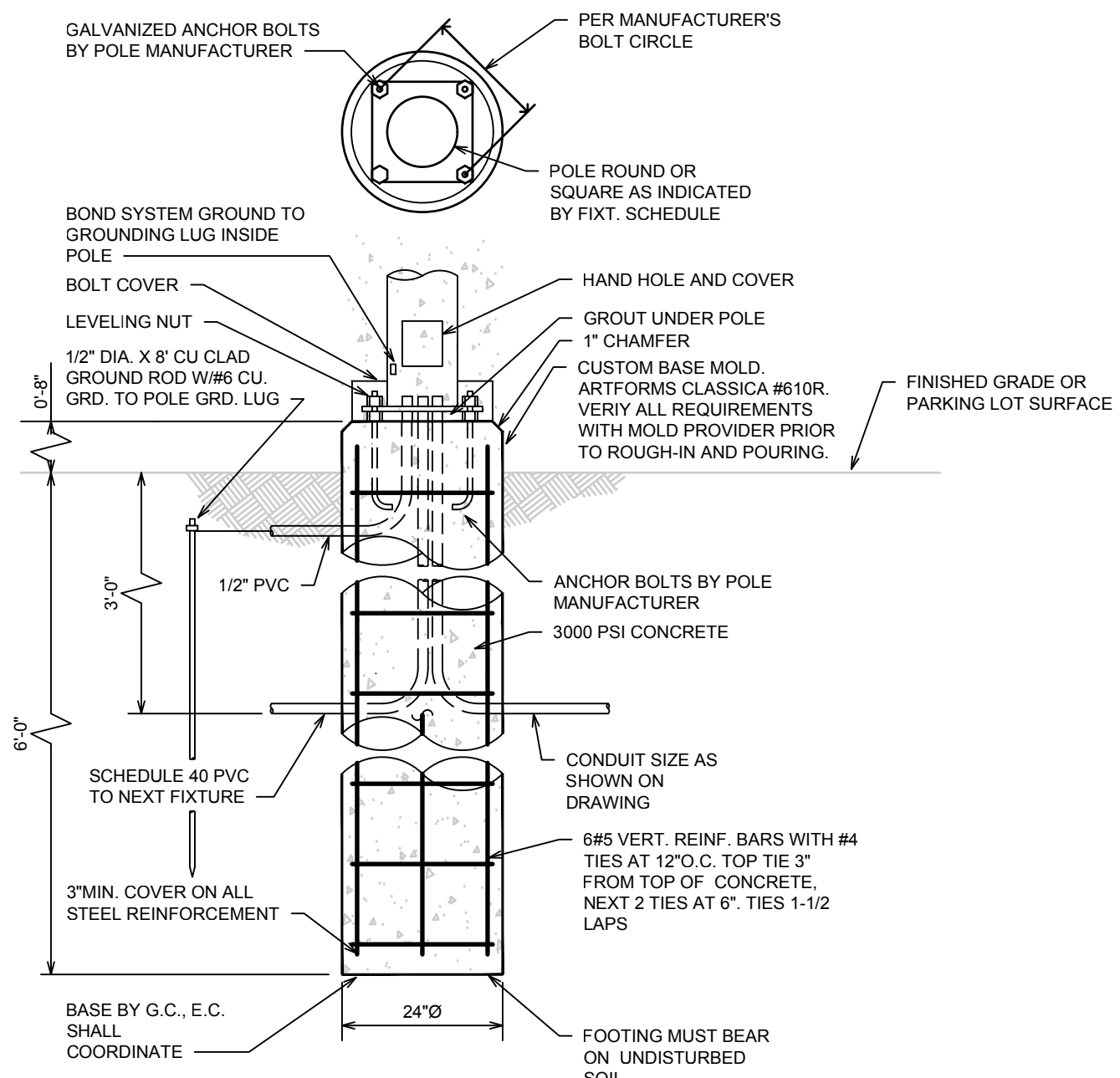


2 POLE DETAIL
SCALE: 1/2" = 1'-0"



1 POLE BASE DETAIL W/ GRD ROD
SCALE: N.T.S.

LIGHT FIXTURE SCHEDULE

ICE	FIXT. LTR.	MANUFACTURER	CATALOG NUMBER	LAMPS		FIXT. VOLT.	FINISH	MOUNTING	REMARKS
				NO.	TYPE				
SA	LUMEC	DMS50-135W80LED4K-ES-LE3F-240HS-BRTX		135W LED W/UNIT		240	BRONZE	POLE	

LIGHT FIXTURE SCHEDULE NOTES

GENERAL NOTES:

- GENERAL CONTRACTOR SHALL PROVIDE FIREPROOFING AROUND RECESSED FIXTURES INSTALLED IN FIRE RATED CEILING PER U.L. REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL COORDINATE.
- SEE SPECIFICATIONS FOR LAMP AND BALLAST TYPE. VERIFY LAMP COLOR WITH ARCHITECT PRIOR TO ORDERING.
- PROVIDE ARROWS AND FACES AS INDICATED BY THE DRAWINGS.
- MANUFACTURERS LISTED IN THIS SCHEDULE OR BY WRITTEN ADDENDUM WILL BE THE ONLY APPROVED MANUFACTURERS TO BID THE LIGHTING FIXTURES FOR THIS PROJECT. CONTRACTORS AND SUPPLIERS USING PRICING FROM MANUFACTURERS NOT LISTED ON SCHEDULE OR BY ADDENDUM DO SO AT THEIR OWN RISK.
- FIXTURES BY WILLIAMS EQUAL TO THOSE SPECIFIED AND APPROVED BY THE ENGINEER WILL BE ACCEPTABLE. FIXTURE EQUALS SHALL BE MANUFACTURED THE SAME AS SPECIFIED UNITS, I.E., ENCLOSED SPRING LOADED LATCHES, ALUMINUM DOORS, POST PAINTED FINISH.

LIGHT FIXTURE SCHEDULE NOTES:

PROVIDE WITH LUMEC LM-009-1A-LG003-BRTX DECORATIVE ARM AND SSM8V-20-GFI-BRTX POLE AND ALL REQUIRED HARDWARE. VERIFY HEIGHT OF POLE WITH ARM HEIGHT TO GIVE 20'-0" MOUNTING HEIGHT TO BOTTOM OF REFLECTOR. SEE DETAIL 2, THIS SHEET.

CU FEEDER SCHEDULE

ICE	FEEDER IDENT.	CONDUCTORS			GROUND SIZE PER SET	SOLATED GRD SIZE PER SET	CONDUIT SIZE PER SET
		SETS	QUANT. PER SET	SIZE			
	20.X	1	SEE NOTE 'b'	#12	#12	----	3/4"
	30.X	1	SEE NOTE 'b'	#10	#10	----	1/2"
	40.X	1	SEE NOTE 'b'	#8	#10	----	3/4"
	50.X	1	SEE NOTE 'b'	#6	#10	----	1"
	60.X	1	SEE NOTE 'b'	#4	#8	----	1 1/4"
	70.X	1	SEE NOTE 'b'	#4	#8	----	1 1/4"
	80.X	1	SEE NOTE 'b'	#3	#8	----	1 1/4"
	90.X	1	SEE NOTE 'b'	#2	#6	----	1 1/4"
	100.X	1	SEE NOTE 'b'	#1	#6	----	1 1/2"
	150.X	1	SEE NOTE 'b'	#1/0	#6	----	2"
	200.X	1	SEE NOTE 'b'	#3/0	#6	----	2"
	225.X	1	SEE NOTE 'b'	#4/0	#4	----	2-1/2"
	250.X	1	SEE NOTE 'b'	#250 KCMIL	#4	----	2-1/2"
	300.X	1	SEE NOTE 'b'	#350 KCMIL	#4	----	3"
	400.X	1	SEE NOTE 'b'	#500 KCMIL	#3	----	3-1/2"
	450.X	2	SEE NOTE 'b'	#4/0	#2	----	2-1/2"
	500.X	2	SEE NOTE 'b'	#250 KCMIL	#2	----	2-1/2"
	600.X	2	SEE NOTE 'b'	#350 KCMIL	#1	----	3"
	800.X	2	SEE NOTE 'b'	#500 KCMIL	#1/0	----	3-1/2"
	1200.X	4	SEE NOTE 'b'	#350 KCMIL	#3/0	----	3"
	1600.X	5	SEE NOTE 'b'	#400 KCMIL	#4/0	----	3-1/2"

FEEDER SCHEDULE NOTES:

- THIS PROJECT MAY NOT REQUIRE ALL FEEDER TYPES LISTED IN THIS SCHEDULE.
- THE NUMBER OF CONDUCTORS WILL BE BASED ON THE FOLLOWING NOTATION AT THE END OF EACH FEEDER TAG:
EXAMPLE: XXXX.X
AMPACITY

XXXX.XS: INDICATES THE SERVICE FEEDER SIZE, AND NUMBER OF CONDUCTORS. NO GROUND SHALL BE REQUIRED FOR SERVICE FEEDERS.
 XXXX.2: INDICATES (2) HOT CONDUCTORS (OR 1 HOT + 1 NEUTRAL) FOR SINGLE PHASE CONNECTIONS
 XXXX.3: INDICATES (3) HOT CONDUCTORS FOR THREE PHASE CONNECTIONS
 XXXX.4: INDICATES (3) HOT CONDUCTORS & (1) NEUTRAL CONDUCTOR. FOR THREE PHASE CONNECTIONS

SYMBOL LIST

ICE	SYMBOL	DESCRIPTION	MOUNTING
	(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
	(A)	FLUORESCENT FIXTURE & FIXTURE LETTER	CEILING
	(A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	SURF./RECESSED
	(A)	INCAND. OR H.I.D. FIXTURE & FIXT. LETTER	WALLBRACKET
	(A)	EXIT FIXT. - SHADING DENOTES FACE(S)	CEIL./WALL
	(A)	GFCI DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
	(A)	DUPLEX GROUNDED RECEPTACLE	1'-3" AFF
	(A)	EXTERIOR GFCI RECEPT. WEATHERPROOF	1'-3" AFF
	(A)	SPECIAL OUTLET. SEE SCHEDULE OR AS NOTED	
	(A)	DOUBLE DUPLEX RECEPTACLE	1'-3" AFF
	(A)	PHONE/DATA OUTLET	1'-3" AFF
	(A)	DATA OUTLET	1'-3" AFF
	(A)	CATV OUTLET	1'-3" AFF
	(A)	OCCUPANCY SENSOR. SEE SCHEDULE OR AS NOTED	
	(A)	TELEPHONE OUTLET (P=PAY, 44"/W=44")	1'-3" AFF
	(A)	SWITCHES (1-POLE,3-WAY,4-WAY,PILOT,KEY)	4'-0" TO TOP
	(A)	JUNCTION BOX	
	(A)	FUSTAT	
	(A)	SPECIAL DEVICE AS NOTED ON PLAN	
	(A)	BRANCH CIRCUIT PANEL & PANEL DESIG.	6'-6" TO TOP
	(A)	H.D. SAFETY SWITCH (AMPS,POLE,VOLTAGE)	6'-6" TO TOP
	(A)	STARTER (SIZE,POLE,VOLTAGE)	6'-6" TO TOP
	(A)	PLAN NOTE	
	(A)	MOTOR	
	(A)	CONDUIT RUN W/ CONDUCTORS SEE NOTE #7	CEIL./WALL
	(A)	CONDUIT RUN 2 CIRCUIT, SEE NOTE #7	EARTH/FLOOR
	(A)	PARTIAL HOMERUN (MULTIPLE LOAD LOCATIONS)	
	(A)	FEEDER 10.3 30A CIRCUIT SEE NOTE #7	
	(A)	CIRCUIT SUPPLIED FROM EMERGENCY SYSTEM	
	(A)	FEEDER IDENTIFICATION, SEE SCHEDULE	
	(A)	CT	SEE NOTE #8
	(A)	WP	WEATHERPROOF
	(A)	EM	ITEM SUPPLIED FROM EMERGENCY SYSTEM
	(A)	a,b,c	INDICATES SWITCHING SCHEME

GENERAL NOTES

- VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
- REFER TO RELATED ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
- REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
- COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
- ALL MOUNTING HEIGHTS TO BOTTOM OF ITEM UNLESS OTHERWISE NOTED.
- E.C. SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
- CONDUIT RUN W/CONDUCTORS AS INDICATED, CONDUIT SIZE AS REQUIRED. CONDUIT RUN TO PANEL DEVICE SIZE AS INDICATED (AMP/ POLE). CIRCUIT WITHOUT INDICATION IS ROUTED TO 20A, 1P, BREAKER. CONDUCTOR COUNT IS NOT SHOWN ON THE DRAWINGS FOR #12 SIZE CONDUCTORS. ELECTRICAL CONTRACTOR SHALL PROVIDE NUMBER OF CONDUCTORS AS REQUIRED FOR CIRCUITING, SWITCHING AND/OR CONTROL AS REQUIRED. ALL REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE SHALL BE FOLLOWED FOR CONDUIT FILL AND CONDUCTOR DE-RATING IF APPLICABLE.
- "CT" INDICATED ADJACENT TO DEVICE INDICATES DEVICE IS MOUNTED ABOVE BACKSPASH OF COUNTER TOP. VERIFY EXACT HEIGHT WITH ARCHITECTURAL PLANS AND ELEVATIONS.
- A GROUND CONDUCTOR SIZED PER N. E. C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS. GROUND CONDUCTORS ARE NOT SHOWN ON DRAWINGS.



Integrated Consulting Engineers, Inc.
349 South Hydraulic • Wichita, KS 67211
316.264.3588 • 316.264.3948 • www.icengr.com

Drawing File: M:\2014\14270.00-015 - Waterfront Addition Site Lighting\Electrical Files\14270.00 - E1x.dwg
Project No: 11407-E650 CAPITAL IMPROVEMENT PROJECT
Design: CMM
Drawn: CMM
Approved: PJV
Scale: NOTED

WATERFRONT ADDITION SITE LIGHTING ELECTRICAL SCHEDULES & DETAILS

Baughman Company, P.A.
315 Ellis St. Wichita, KS 67211 P 316-263-7271 F 316-262-0149
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