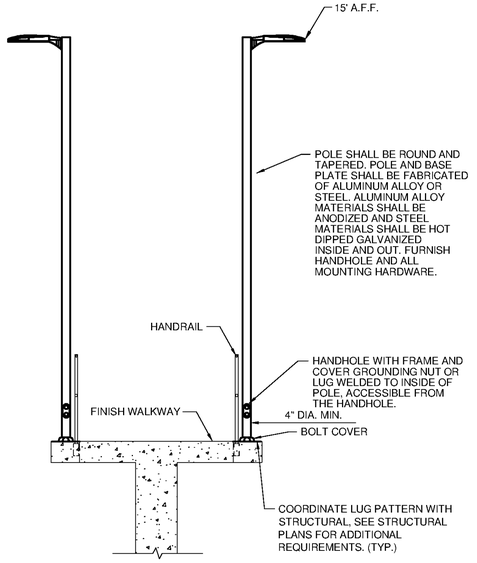
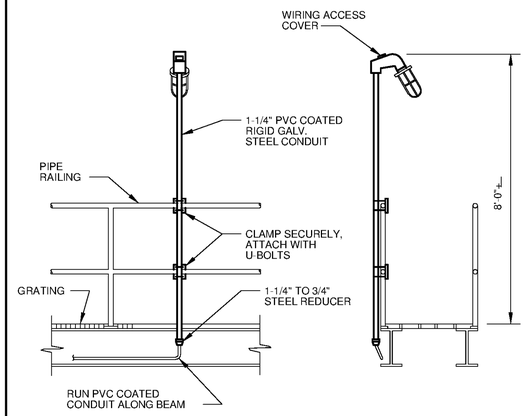


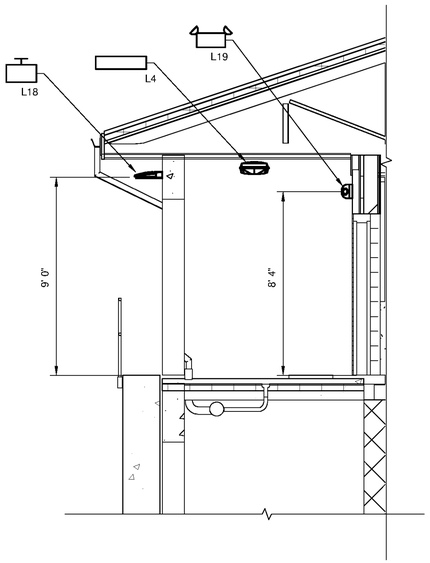
BASIN AREA FLOOD LIGHTING DETAIL

L17 NO SCALE



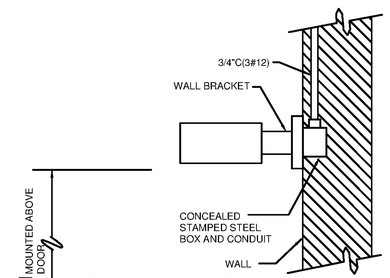
FOR TANK BRIDGES & CATWALK FLOOD LIGHTING DETAIL

L20 NO SCALE



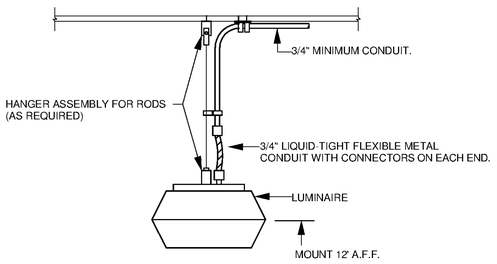
BASIN AREA WALKWAY WALL LIGHTING DETAIL

(SEE EXTERIOR WALL FIXTURE)



EXTERIOR WALL FIXTURE

L13 L18 L19 NO SCALE



FLUORESCENT LIGHT DETAIL CEILING SURFACE MOUNTING

L4 L5 NO SCALE

LUMINAIRE SCHEDULE

SYMBOL	DESCRIPTION	MOUNTING	LAMPS			MANUFACTURERS (OR EQUAL)	
			NO.	WATTAGE	TYPE	NAME	MODEL OR SERIES
L1	15" X 45" 9L I-BEAM LED, WIDE DISTRIBUTION WITH SEMI DIFFUSE LENS AND DOOR FRAME 70 CRI, 4000K, 9000 LUMENS OPTICS UTILIZE REFLECTIVE ALANOD MIRO-5	PENDANT		104W	LED	LITHONIA LIGHTING OR EQUAL	IBL SERIES OR EQUAL
L2	15" X 45" 24L I-BEAM LED, WIDE DISTRIBUTION WITH SEMI DIFFUSE LENS AND DOOR FRAME 70 CRI, 4000K, 24000 LUMENS OPTICS UTILIZE REFLECTIVE ALANOD MIRO-5	PENDANT		264W	LED	LITHONIA LIGHTING OR EQUAL	IBL SERIES OR EQUAL
L3	15" X 45" 36L I-BEAM LED, WIDE DISTRIBUTION WITH SEMI DIFFUSE LENS AND DOOR FRAME 70 CRI, 4000K, 36000 LUMENS OPTICS UTILIZE REFLECTIVE ALANOD MIRO-5	PENDANT		424W	LED	LITHONIA LIGHTING OR EQUAL	IBL SERIES OR EQUAL
L4	15" X 52" ONE-PIECE 5VA RATED FIBERGLASS ENCLOSED AND GASKETED LUMINAIRE WITH CLEAR ACRYLIC LENS, 4100K (WITH WET LOCATION FITTINGS)	PENDANT		118W	LED	LITHONIA LIGHTING OR EQUAL	FHE LED SERIES OR EQUAL
L5	ONE-PIECE 5VA RATED FIBERGLASS HOUSING WITH CONTINUOUS POURED-IN-PLACE, CLOSED-CELL GASKET. TOOL-LESS BALLAST AND WIRING ACCESS.	PENDANT		39W	LED	LITHONIA LIGHTING OR EQUAL	FEM LED SERIES OR EQUAL
L6	VOLUMETRIC TROFFER, 2X4, 4300 LUMENS 82 CRI, 3500K	SURFACE		49W	LED	LITHONIA LIGHTING OR EQUAL	2RTLX4 SERIES OR EQUAL
L7	VOLUMETRIC TROFFER, 2X2, 3300 LUMENS 82 CRI, 3500K	SURFACE		38W	LED	LITHONIA LIGHTING OR EQUAL	2RTLX2 SERIES OR EQUAL
L8	RECESSED TROFFER, 2X4, 4000 LUMENS 82 CRI, 3500K	RECESSED		43W	LED	LITHONIA LIGHTING OR EQUAL	2GTL SERIES OR EQUAL
L9	RECESSED TROFFER, 2X2, 3700 LUMENS 82 CRI, 3500K	RECESSED		43W	LED	LITHONIA LIGHTING OR EQUAL	2GTL SERIES OR EQUAL
L10	RECESSED VOLUMETRIC DOWNLIGHT, 1X1 1700 LUMENS, CRI > 80, 3500K	RECESSED		40W	LED	LITHONIA LIGHTING OR EQUAL	RT5D LED SERIES OR EQUAL
L11	OUTDOOR LED WALL CYLINDER DOWNLIGHT 270 LUMENS, 75 CRI, 4000K	WALL		9W	LED	LITHONIA LIGHTING OR EQUAL	OLLWD SERIES OR EQUAL
L12	RECESSED 6" WETLENS LED DOWNLIGHT 900 LUMENS, CRI > 80, 3500K	RECESSED		25W	LED	LITHONIA LIGHTING OR EQUAL	DOM6R LED SERIES OR EQUAL
L13	WALL MOUNTED LED WITH 1 LIGHT ENGINE 3300 LUMENS, 67 CRI, 4000K 350mA DRIVER WITH TYPE 4 OPTICS	WALL		40W	LED	LITHONIA LIGHTING OR EQUAL	CSXW LED SERIES OR EQUAL
EXIT E	ENGINEERING-GRADE THERMOPLASTIC HOUSING IMPACT-RESISTANT, SCRATCH-RESISTANT AND CORROSION-PROOF. WITH LED WEATHER-PROOF HEADS AND RED TEXT	WALL	2	1.5W	LED	LITHONIA OR EQUAL	LHQM-LED--R-HO-WRS, W/ ELA T QWP L0309 SD, OR EQUAL
L15	STURDY LOW-COPPER ALUMINUM,SINGLE-PIECE DIE CAST HOUSING. HOUSING COMPLETELY SEALED AGAINST MOISTURE AND ENVIRONMENTAL CONTAMINANTS.	POLE	4 E	416W	LED	LITHONIA OR EQUAL	CSX2 LED, 40K (TYPE III) OR EQUAL
L16	STURDY LOW-COPPER ALUMINUM,SINGLE-PIECE DIE CAST HOUSING. HOUSING COMPLETELY SEALED AGAINST MOISTURE AND ENVIRONMENTAL CONTAMINANTS.	BOLLARD	12C	22W	LED	LITHONIA OR EQUAL	KBD8 LED, 30K (ASY) OR EQUAL
L17	SINGLE-PIECE DIE-CAST ALUMINUM HOUSING HAS INTEGRAL HEAT SINK FINS TO OPTIMIZE THERMAL MANAGEMENT THROUGH CONDUCTIVE AND CONVECTIVE COOLING.	POLE	40C	91W	LED	LITHONIA OR EQUAL	DSX0 LED, 700 mA, 40K MVOLT (TYPE T3M) OR EQUAL
L18	TWO-PIECE DIE-CAST ALUMINUM HOUSING HAS INTEGRAL HEAT SINK FINS TO OPTIMIZE THERMAL MANAGEMENT THROUGH CONDUCTIVE AND CONVECTIVE COOLING.	WALL	20C	75W	LED	LITHONIA OR EQUAL	DSXW1 LED, 1000 mA, 40K MVOLT (TYPE T3M) OR EQUAL
L19	WHITE, COMPACT, LOW-PROFILE CONTEMPORARY DESIGN WITH UV-STABILIZED THERMOPLASTIC HOUSING THAT IS IMPACT AND SCRATCH-RESISTANT. TWO LAMPS.	WALL	2	5.4W	LED	LITHONIA OR EQUAL	ELM2-LED -WRS OR EQUAL
L20	RUGGED DIE-CAST ALUMINUM HOUSING WITH HEAVY-DUTY GLASS GLOBE. 3/4" THREADED KNOCKOUTS. GRAY FINISH. JUNCTION BOX INCLUDED.	PENDANT	1	150	A-23	LITHONIA OR EQUAL	VP SERIES OR EQUAL

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BID SET

ALABAMA LICENSED PROFESSIONAL ENGINEER No. 21939 ANTHONY SUMMERS

MARK	DATE	DESCRIPTION	BY

HUNTSVILLE UTILITIES
SOUTHEAST WATER TREATMENT PLANT
LUMINAIRE SCHEDULE LIGHTING DETAILS

Project No.:	200-11740-10003
Designed By:	CSW
Drawn By:	TAC
Checked By:	DAB

E-0501

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Bar Measures 1 inch

10/17/2014 10:54:27 AM P:\IER\11740\200-11740-10003\CAD\SHEETFILES\TREATMENT PLANT\WTP E-0501 LUMINAIRE SCHEDULE LIGHTING DETAILS.DWG - CALZARETTA, TIMOTHY