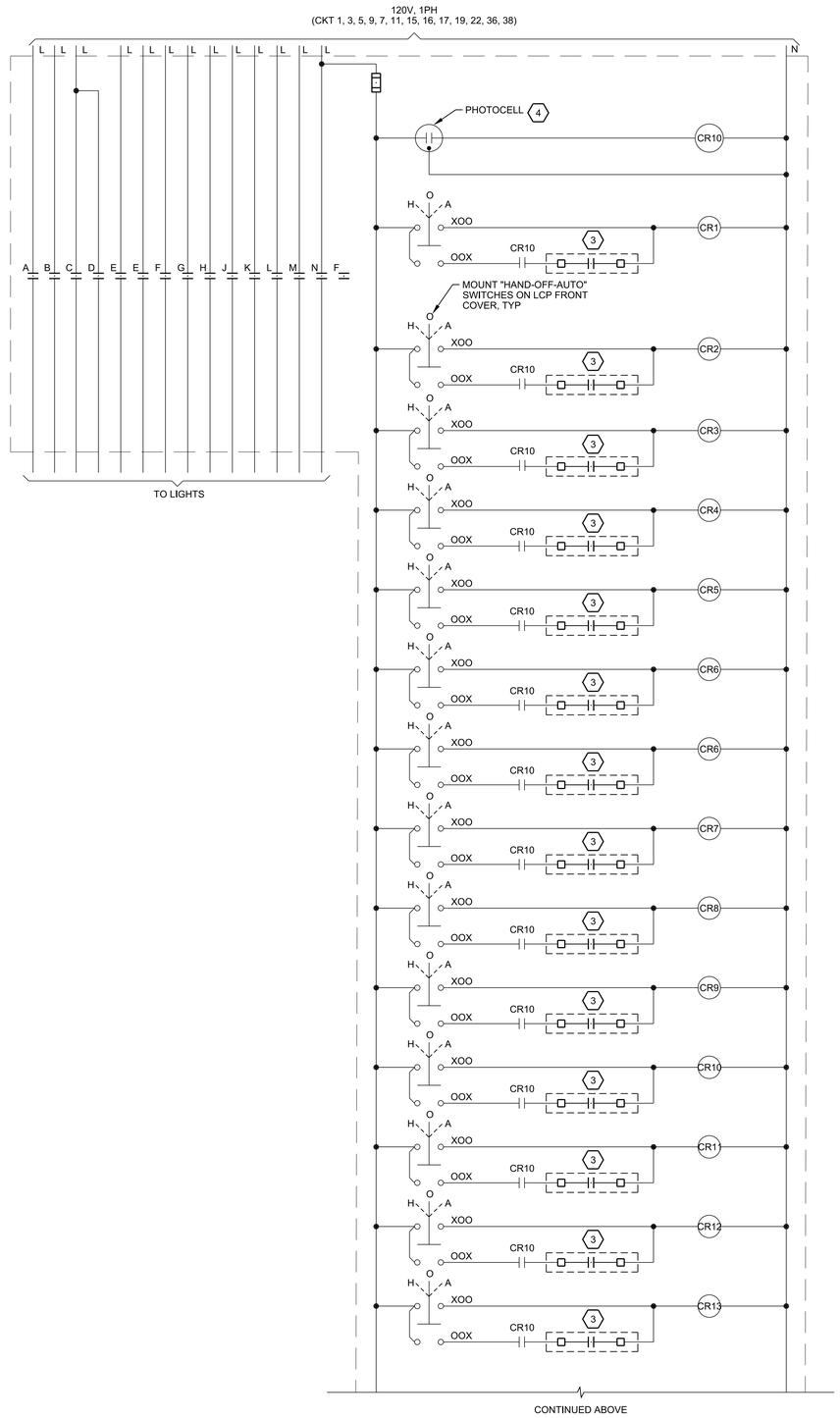

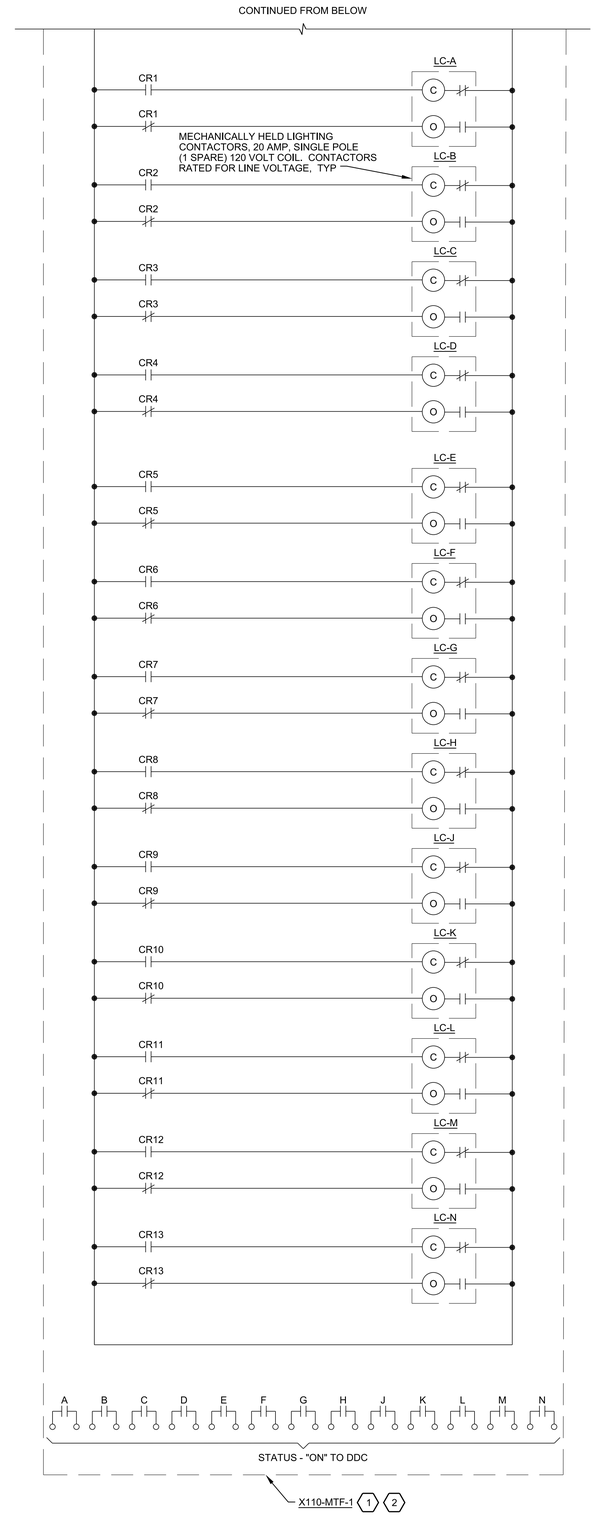

GENERAL NOTES

A. FOR LEGENDS AND ABBREVIATIONS, AND GENERAL PROJECT NOTES, SEE SHEETS E941001-F-0001 AND E941001-F-0002.

B. QUANTITY OF LIGHTING CONTACTOR CONTACTS TO BE DETERMINED BY THE CONTRACTOR BASED ON THE NUMBER OF CIRCUITS TO THE PANELS AND LIGHTING COVERAGE AS SHOWN ON THE PLAN DRAWINGS.

SHEET KEYNOTES

1. NEMA 12 ENCLOSURE. CONTINUOUS HINGED DOOR. SIZE AS REQUIRED. MOUNT SO THAT BOTTOM OF ENCLOSURE AT MINIMUM 4'-0" AFF.

2. FOR EXTERIOR LIGHTING ZONES, FURNISH AND INSTALL LIGHTING CONTACTORS WITH ENGRAVED NAMEPLATES ON CONTACTOR AND HAND-OFF-AUTOSWITCH AS FOLLOWS IN X110-LCP-1:
   - CS-A: NORTHROADWAY LIGHTING
   - CS-B: SOUTH ROADWAY LIGHTING
   - CS-C: TANK LOADING LIGHTINGS
   - CS-D: LOWER AREA A
   - CS -E: LOWER AREA B LIGHTING
   - CS-F: FACILITY WALL PACK LIGHTING
   - CS-G: LOWER WALKINGWAY LIGHTING
   - CS-H: TANK LIGHTING
   - CS-J: LOWER AREA B LIGHTING
   - CS-K: LOWER AREA B LIGHTING
   - CS-L: MIDDLE AREA B
   - CS-M: UPPER AREA B
   - CS-N: UPPER AREA B

3. DIGITAL INPUT CONTACT FROM BUILDING DDC SYSTEM PROVIDES TIMER FUNCTION OF EXTERIOR LIGHTING CIRCUITS. EACH ZONE HAS AN INDEPENDENT CONNECTION TO THE DDC FOR INDIVIDUAL ZONE CONTROL AND STATUS.

4. PHOTOCELL IS MOUNTED ON NORTH SIDE OF BUILDING OUTSIDE OF TREATMENT FACILITY.

EXTERIOR LIGHTING CONTROL DIAGRAM, MTF-LCP-1

NTS

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PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE
	Ø	ISSUED FOR CONSTRUCTION	SF	BW	DE		LE	06/2017

REVISION OR ISSUE PURPOSE

PE	DATE

REVISION APPROVALS

WE	AR	CV	ST	HV	EM	FP	PD	EE	IE	M	NP

SQUAD CHECK

RPE

JAMES KEITH LANDMAN REGISTERED ENGINEER AGRICULTURE No. 119038 STATE OF TENNESSEE

REV.	DATE

DRAWING APPROVALS

		DATE
DRW	S FLASKA	06/16/17
CHKR	B WILKINSON	06/16/17
DE	D ENGEL	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

UCOR URS | CH2M Oak Ridge LLC

OF200 Mercury Treatment Facility

Designed by URS|CH2M Oak Ridge LLC (UCOR) for the Department of Energy. Oak Ridge Office of Environmental Management under U. S. Government contract DE-SC-0004645

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PROJECT NAME:

OF200 MERCURY TREATMENT FACILITY

ELECTRICAL
TREATMENT FACILITY
LIGHTING CONTROL DIAGRAM

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	E	Y	G	NC	FAC	AR	E	9410-02	X	U

SH.	OF	TYPE		PART	REV
1	1	DD	E941002-F-0067	000	0

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