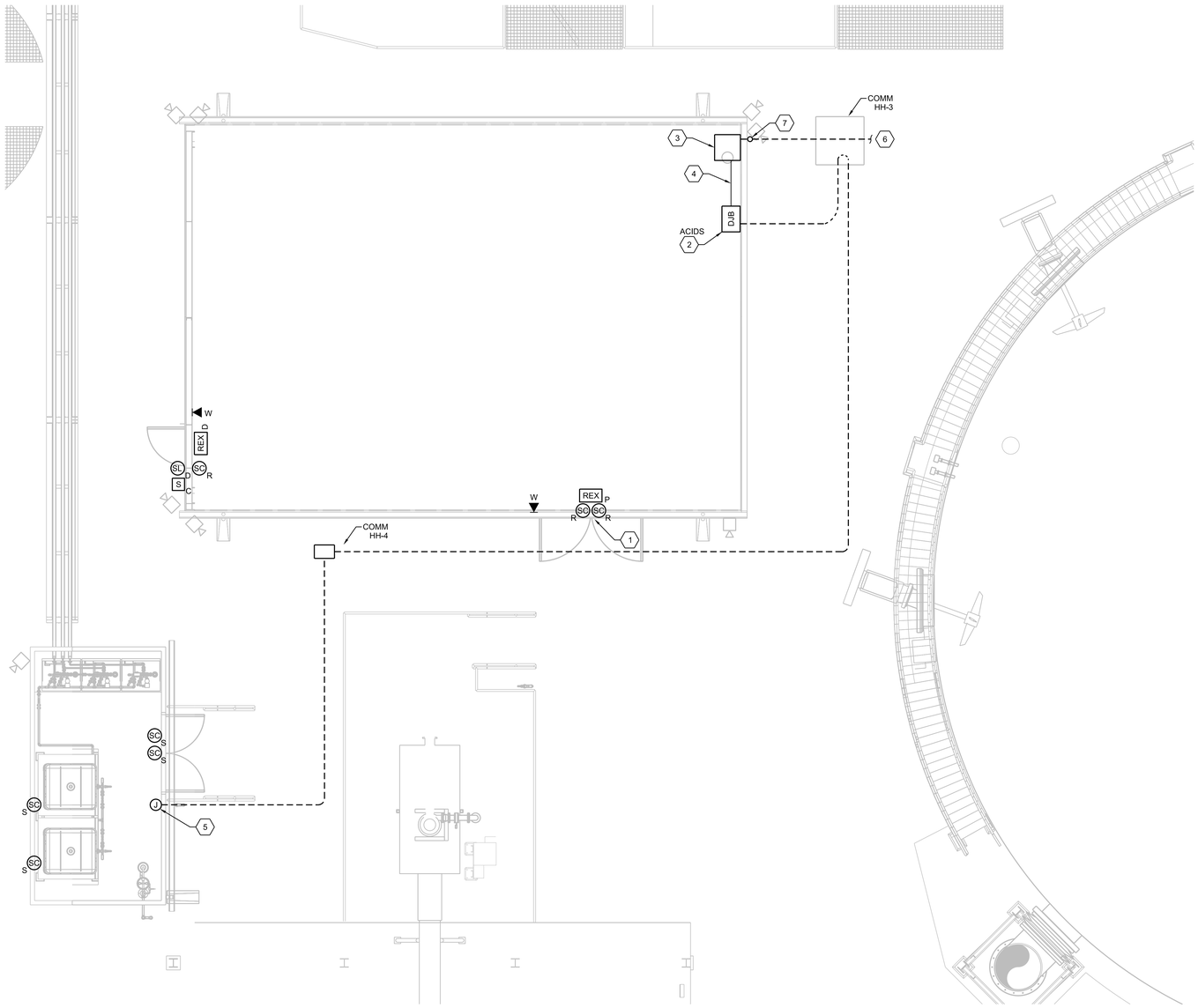

UPPER COMM PLAN

1/4"=1'-0"

GENERAL NOTES

A. FOR COMMUNICATIONS AND ACIDS LEGENDS AND NOTES, SEE DWG E941001-F-003.

B. UNLESS OTHERWISE NOTED, QUANTITY AND SIZING OF CONDUIT AND CONDUCTORS ARE THE RESPONSIBILITY OF THE COMMUNICATIONS AND ACIDS CONTRACTOR. COMMUNICATIONS AND ACIDS CONTRACTOR IS RESPONSIBLE TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

SHEET KEYNOTES

1. COORDINATE INSTALLATION OF ACIDS COMPONENTS WITH DOOR HARDWARE. SEE ARCHITECTURAL DOOR HARDWARE SCHEDULE ON DWG A941001-F-0007. TYP ALL SHOWN. SEE WIRING DIAGRAM 2/E941001-F-0006.
2. ACIDS DOOR JUNCTION BOX, HOUSING HEADWORKS DOOR CONTROLLER INTERFACE EQUIPMENT, POWER SUPPLY AND SURGE PROTECTIVE DEVICES. SEE WIRING DIAGRAM 2/E941001-F-0006.
3. WALL MOUNTED DATA/ TELECOMMUNICATIONS RACK, HOUSING STRUCTURED CABLING TERMINATIONS, CATEGORY 6A PATCH PANEL, FIBER OPTIC PATCH PANEL, AND NETWORK SWITCH. FOR REQUIREMENTS, SEE SPECIFICATIONS.
4. UTILIZE FIBER OPTIC LINK TO CONNECT LOCAL ACIDS PANEL TO ACIDS MASTER PANEL IN TREATMENT FACILITY.
5. TERMINAL JUNCTION BOX, HOUSING SURGE PROTECTIVE DEVICES FOR THE CABLING SERVING THE DEVICES SHOWN IN CHEMICAL TOTE BUILDING.
6. FOR CONTINUATION, SEE DRAWING E941001-F-0013.
7. ROUTE CONDUIT UP SIDE OF BUILDING TO ABOVE-GRADE. PENETRATE STRUCTURE USING RIGHT-ANGLE CONDUIT BODIES.

THIS DRAWING IS LOANED FOR SOLE USE OF THE INTENDED RECIPIENT AND ONLY FOR THE LIMITED PURPOSES FOR WHICH IT WAS PROVIDED. USE BY OTHER ENTITIES OR FOR OTHER PURPOSES IS PROHIBITED AND AT THE USER'S OWN RISK. DRAWINGS ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING RECIPIENT.

PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE	PE	DATE
	0	ISSUED FOR CONSTRUCTION	KB	BW	CC		LE	06/2017		

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

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

RPE: JAMES KEITH LANDMAN, REGISTERED ENGINEER, AGRICULTURE, No. 119138, STATE OF TENNESSEE

DRAWING APPROVALS		DATE
DRW	K BARTLETT	06/16/17
CHKR	B WILKINSON	06/16/17
DE	C CURTIS	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

REV. DATE

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

Y-12 National Security Complex managed and operated by Consolidated Nuclear Security, LLC for the Department of Energy under U.S. Government contract DE-NA0001942 • Oak Ridge, Tennessee •

PROJECT NAME:
OF200 MERCURY TREATMENT FACILITY

ELECTRICAL
HEADWORKS
UPPER COMM PLAN

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	E	B	L	NC	FAC	AR	E	9410-01	1	U

SH.	OF	TYPE		PART	REV
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ISSUED FOR CONSTRUCTION

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