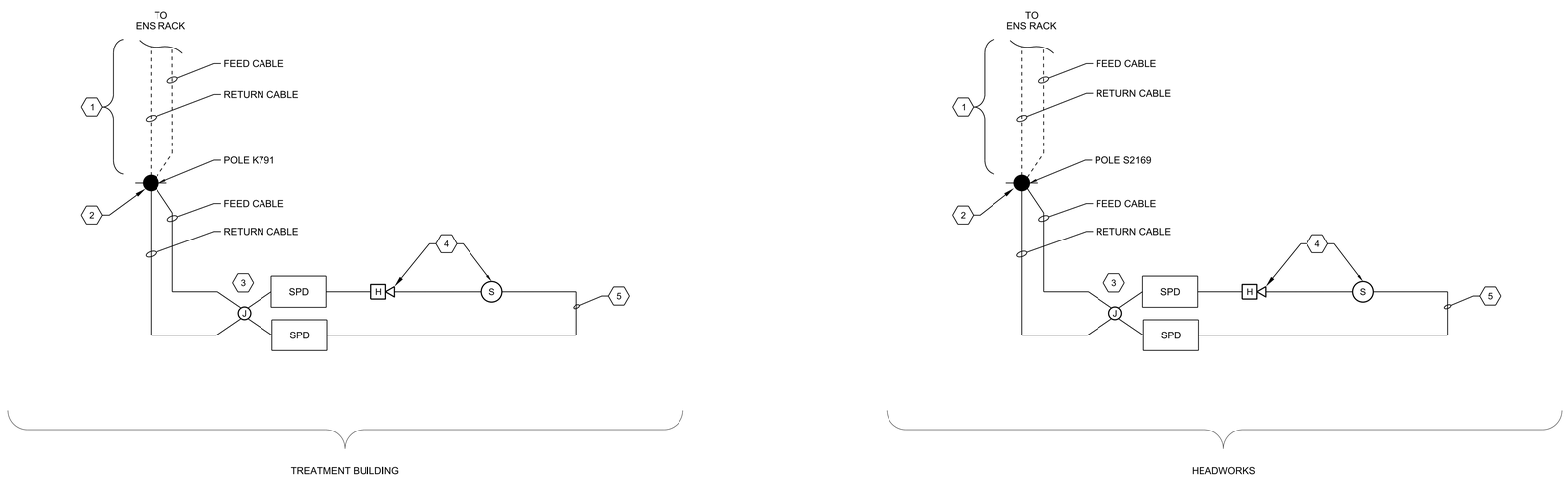

1 EMERGENCY NOTIFICATION SYSTEM RISER DIAGRAM

NTS

GENERAL NOTES

A. COORDINATE LOCATION OF DEVICES WITH OTHER WALL AND CEILING MOUNTED DEVICES (HVAC, LIGHTS, ETC.) BUT MAINTAIN ADEQUATE SPACING TO MEET NFPA INTELLIGIBILITY OR COVERAGE REQUIREMENTS.

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

C. FOR ENS LEGEND, SEE DWG E941001-F-003.

D. QUANTITY OF DEVICES SHOWN ON RISER DIAGRAM ARE REPRESENTATIONAL. FOR ACTUAL QUANTITIES, SEE PLAN DRAWINGS.

SHEET KEYNOTES

1. OVERHEAD ENS FEED AND RETURN CIRCUITS TO DESIGNATED EXISTING ENS RACK LOCATION. ALL OVERHEAD WORK AND CONNECTION TO EXISTING SYSTEM BY Y-12 ENS GROUP.
2. EXISTING RISER POLE, LOCATION AS DESIGNATED BY Y-12 ENS GROUP. CONNECTION TO EXISTING ENS SYSTEM BY Y-12 ENS GROUP.
3. PROVIDE TERMINAL JUNCTION BOX WITH BUILDING DISCONNECT JUMPERS TO PROVIDE CAPABILITY TO ISOLATE BUILDING FROM REST OF ENS SYSTEM.
4. ENS HORN LOUDSPEAKER OR CONE SPEAKER, AS REQUIRED GIVEN AMBIENT NOISE CONDITIONS. QUANTITY AS SHOWN ON DRAWINGS, TYPICAL.
5. ENS IS A SUPERVISED 70.7 VAC SPEAKER LOOP. WIRE ENTIRE SYSTEM IN A "FEED AND RETURN" LOOP CONFIGURATION. NO T-TAPS OF LOOP ALLOWED.

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 (REVISION OR ISSUE PURPOSE)	DRW	CHKR	DE	DVR	DM	DATE	PE	DATE	WE	AR	CV	ST	HV	EM	FP	PD	EE	IE	M	NP
	Ø	ISSUED FOR CONSTRUCTION	KB	BW	CC		LE	06/2017														

REVISION APPROVALS — SQUAD CHECK

RPE: JAMES KEITH LANDMAN, REGISTERED ENGINEER, AGRICULTURE, No. 119038, STATE OF TENNESSEE — 6-20-2017

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
TREATMENT FACILITY EMERGENCY
NOTIFICATION SYSTEM RISER DIAGRAM

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	E	A	G	NC	FAC	AR	E	9410-01	X	U

SH.	OF	TYPE		PART	REV
1	1	DD	E941001-F-0008	000	0

ISSUED FOR CONSTRUCTION

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