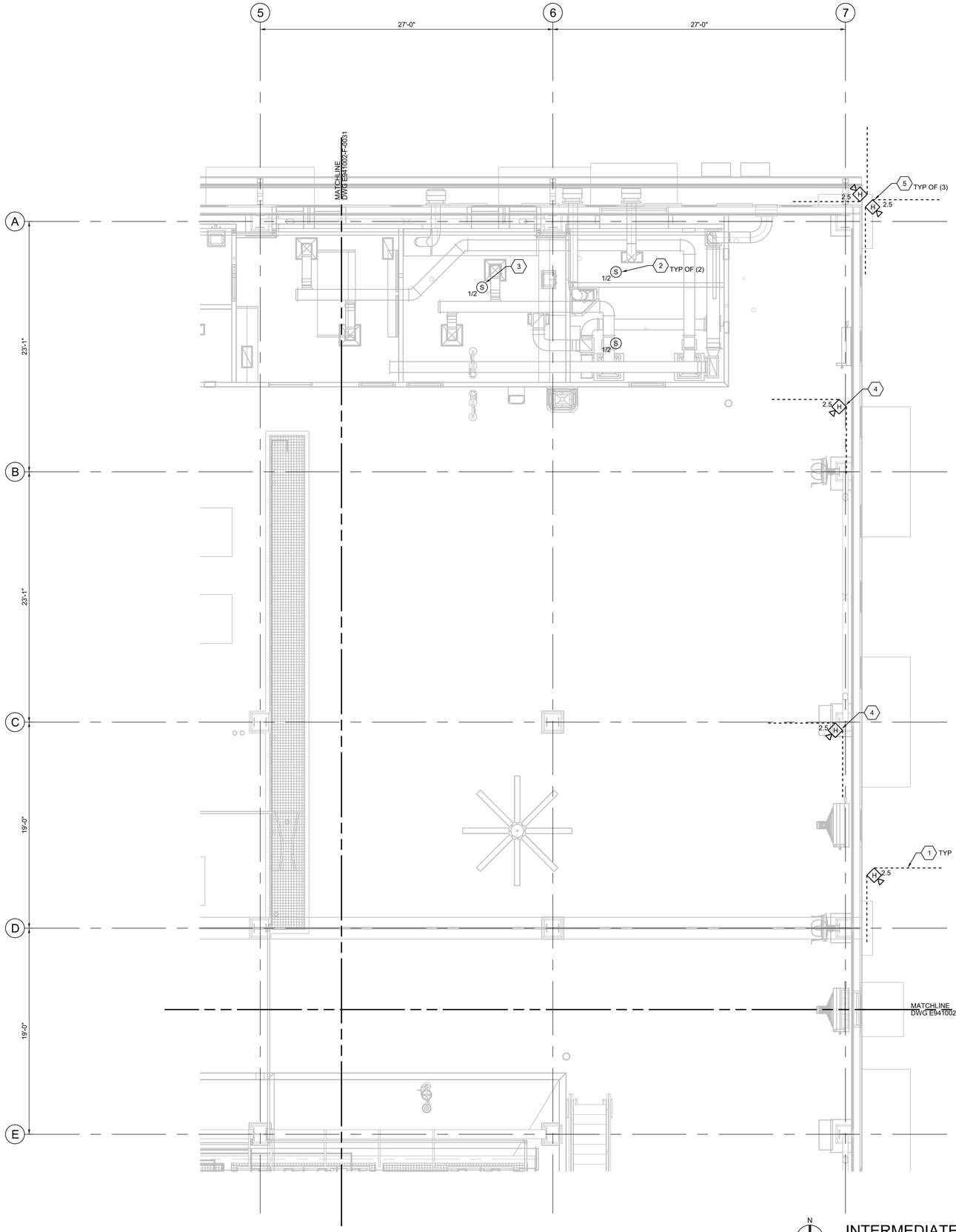

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INTERMEDIATE FACILITY PLAN - AREA E

1/4"=1'-0"

GENERAL NOTES

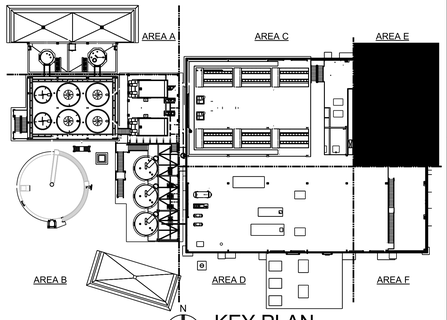
A. FOR ENS LEGEND AND GENERAL COMMUNICATIONS NOTES, SEE DRAWING E941001-F-0003.

B. COORDINATE LOCATION OF DEVICES WITH OTHER SYSTEMS (HVAC, LIGHTS, ETC.) BUT MAINTAIN ADEQUATE SPACING TO MEET NFPA AUDIBILITY OR COVERAGE REQUIREMENTS.

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

SHEET KEYNOTES

1. LINES REPRESENT ESTIMATED HORIZONTAL COVERAGE DISPERSION OF SPECIFIED HORN/SPEAKER. ADJUST AS NECESSARY TO ACHIEVE BEST COVERAGE WHILE AVOIDING COMB FILTER OVERLAP.
2. MOUNT SPEAKER TIGHT TO BOTTOM OF STRUCTURE.
3. INSTALL SPEAKER FLUSH IN FINISHED CEILING.
4. MOUNT AT 10'-0" AFF.
5. MOUNT AT 14'-0" AFF.



KEY PLAN

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
INTERMEDIATE LEVEL ENS PLAN AREA E

RPE		
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.	

JAMES KEITH LANDMAN
REGISTERED ENGINEER
AGRICULTURE
No. 119038
STATE OF TENNESSEE
5-30-2017

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	E	A	L	NC	FAC	AR	E	9410-02	M1	U

SH.	OF	TYPE		PART	REV
1	1	DD	E941002-F-0033	000	0

662886

PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE
	0	ISSUED FOR CONSTRUCTION	KB	BW	CC		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

REV.	DATE

DRAWING APPROVALS

DATE

ISSUED FOR CONSTRUCTION

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