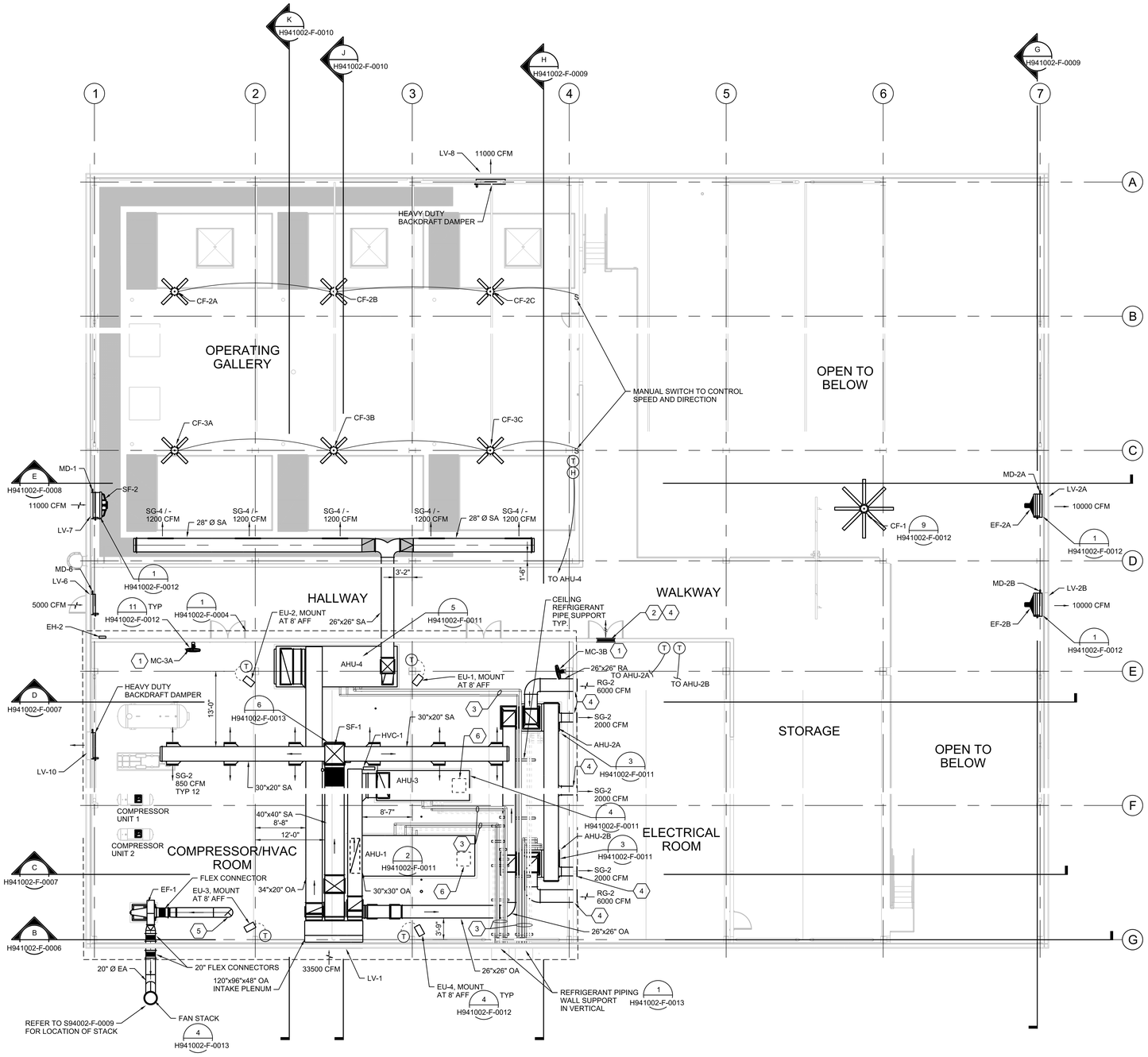

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HVAC SECOND FLOOR PLAN EL 927

1/8"=1'-0"

GENERAL NOTES

1. ALL AIR HANDLING UNITS CONDENSATE DRAIN TRAPS SHALL BE PER DETAIL 5/H941002-F-0011.
2. ALL DUCTWORKS SUPPORT SHALL BE PER THE SPECIFICATIONS AND PER DETAIL 6/H941002-F-0012.
3. FLOOR AND WALL DUCT PENETRATIONS SHALL BE PER DETAIL 10/H941002-F-0012.
4. ALL REFRIGERANT PIPING SUPPORT LOCATIONS SHOWN ARE REPRESENTATIVE. SUPPORT LOCATIONS SHALL BE PER THE SPECIFICATIONS AND MANUFACTURES RECOMMENDATIONS. PIPE SUPPORTS SHALL BE NO MORE THAN 10' APART UNDER ANY CIRCUMSTANCE.
5. INSTALL GRILLS TO MAXIMIZE AIR FLOW AT OPPOSITE WALL AND NOT INTERFERE WITH CEILING FANS.

SHEET KEYNOTES

1. MAN COOLER FANS MANUALLY STARTED BY WALL MOUNTED MOTOR RATED SWITCH. REFER TO ELEC PLANS FOR SWITCH LOCATION.
2. 36"x36" STANDARD DUTY BACKDRAFT DAMPER WITH FIRE DAMPER INSTALLED AT EL 966.50.
3. FINAL SIZING OR REFRIGERANT PIPING SHALL BE DETERMINED BY MANUFACTURER, AND FINAL ROUTING SHALL BE DETERMINED BY THE CONTRACTOR.
4. FIRE DAMPER AT WALL PENETRATION. SEE DETAIL 9/H941002-F-0013.
5. HEAVY DUTY FIRE DAMPER AT FLOOR PENETRATION. ORIENT DAMPER BLADES PARALLEL TO FAN INLET DUCT (EAST-WEST DIRECTION). SEE DETAIL 7/H941002-F-0013.
6. PROVIDE FIRE DAMPER AT FLOOR PENETRATION. SEE DETAIL 8/H941002-F-0013.

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
	0	ISSUED FOR CONSTRUCTION	JP	JM	TP		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: THEODORE J. PRICE, STATE OF TENNESSEE, No. 107135, ISSUE DATE 2017

DRW	J PIGMAN	06/16/17
CHKR	J McMURREN	06/16/17
DE	T PRICE	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

REV. DATE

DRAWING APPROVALS

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

HVAC
TREATMENT FACILITY
HVAC UPPER PLAN

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	H	A	D	NC	FAC	AR	E	9410-02	2	U

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ISSUED FOR CONSTRUCTION

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