

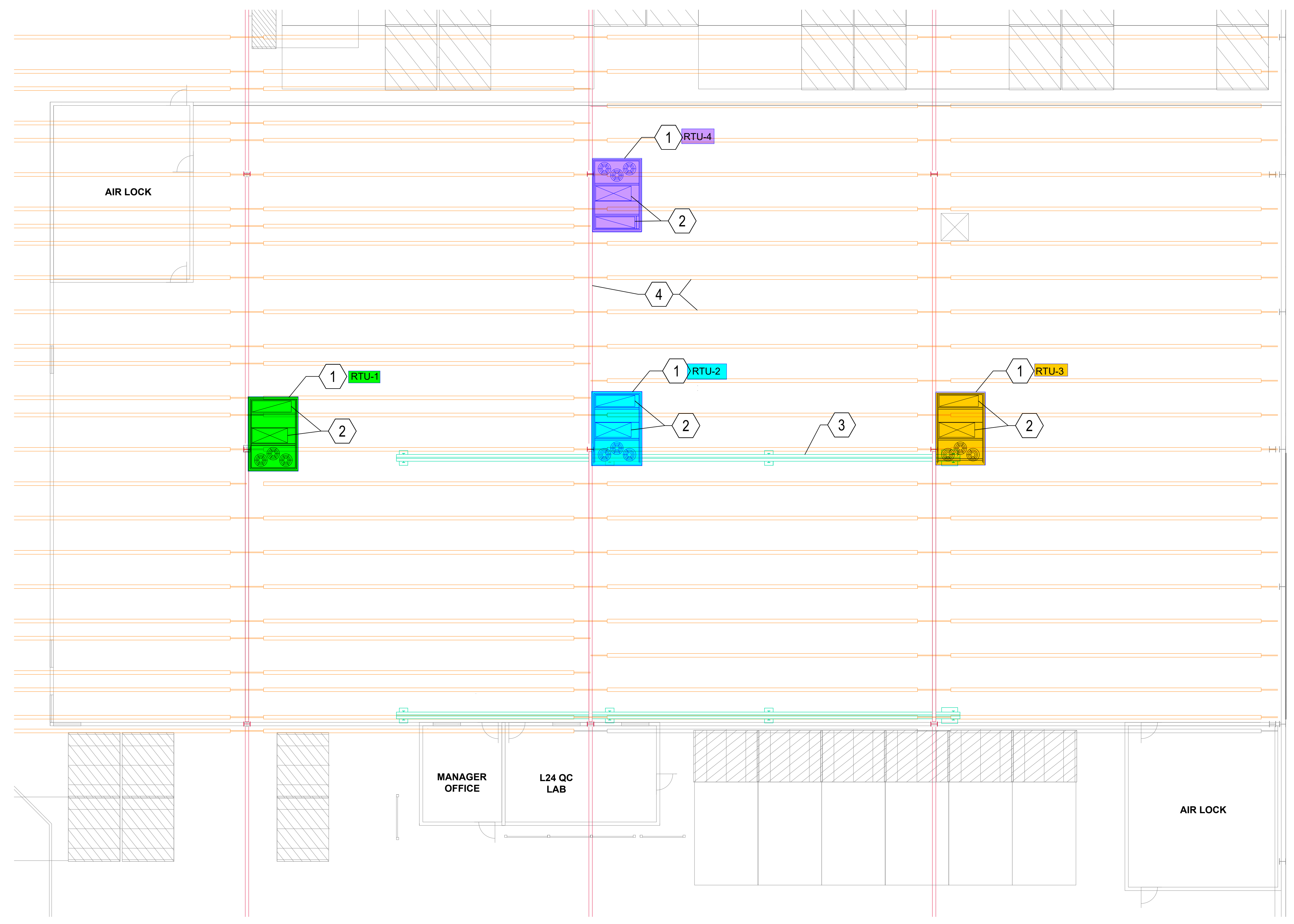
FOR PERMIT

EXCLUSIVE PROPERTY OF MSD, INC. NEITHER THE DOCUMENT NOR THE INFORMATION IT CONTAINS MAY BE USED FOR OTHER THAN THE SPECIFIC PURPOSE FOR WHICH IT WAS PREPARED WITHOUT WRITTEN CONSENT OF MSD, INC.

PROJECT #	250092
DRAWN BY	SLS
PROJ MGR	JV
SCALE	X = X
PLOT DATE:	03/14/2025
REV	DATE DESCRIPTION
0	03/12/25 PERMIT SET

**MECHANICAL SCHEDULES**

M100



**PLAN NOTES:**

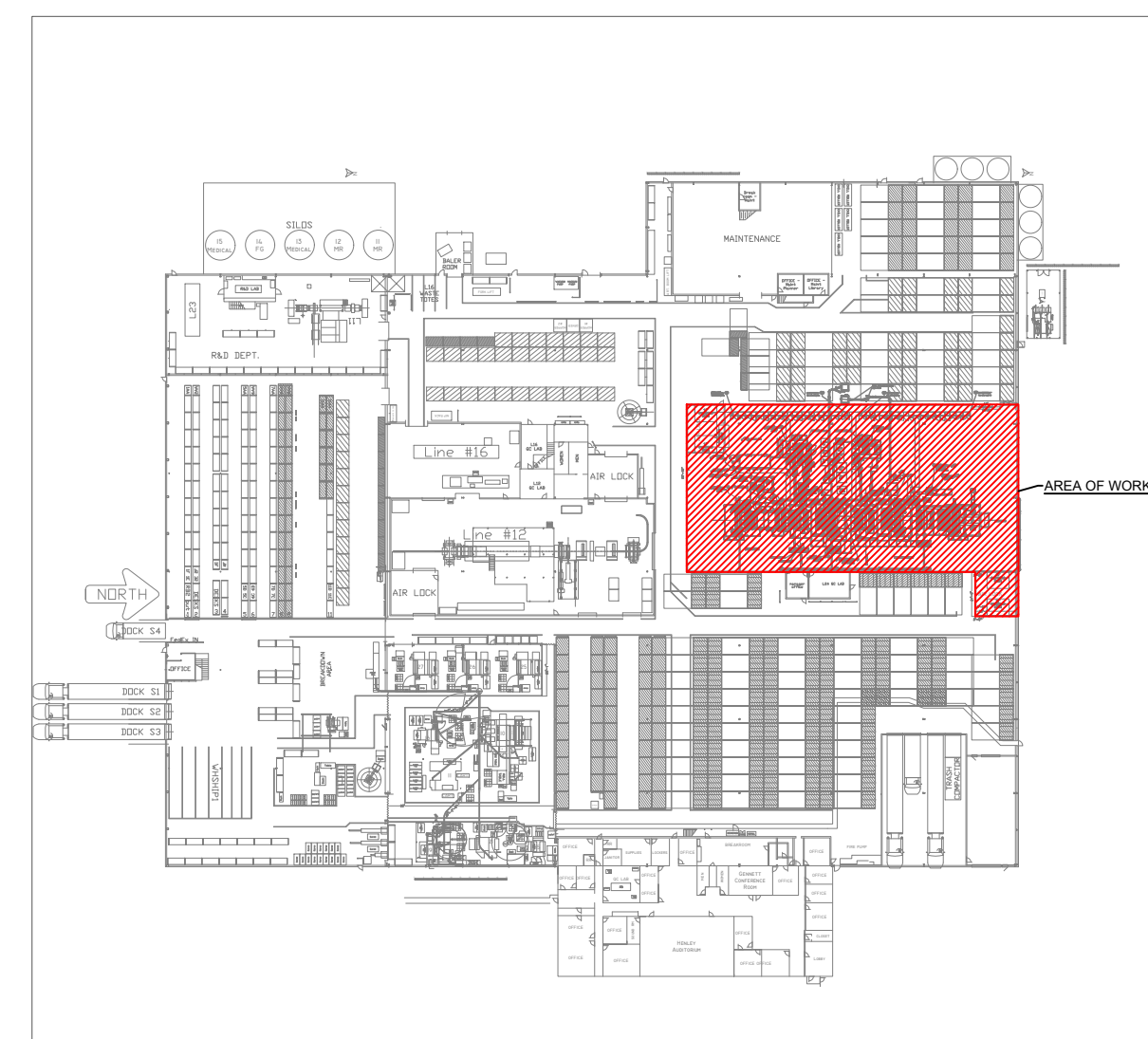
1. INSTALL OWNER PROVIDED ROOFTOP UNIT ON ROOF AT THIS LOCATION. REFER TO STRUCTURAL DRAWING ON SHEET M200 FOR STEEL REINFORCING REQUIREMENTS. REFER TO SCHEDULE THIS SHEET FOR RTU INFORMATION.
2. INSTALL SUPPLY AND RETURN DUCT DROPS TO OWNER PROVIDED CONCENTRIC DIFFUSER. MOUNT DIFFUSER AS TIGHT TO JOISTS AS POSSIBLE. OWNER TO REROUTE EXISTING SPRINKLER PIPING TO ALLOW FOR DUCT DROPS.
3. FUTURE CRANE PROVIDED BY OWNER. VERIFY HEIGHT WITH OWNER TO ENSURE CLEARANCE FOR CONCENTRIC DIFFUSER
4. EXISTING JOIST GIRDER (RED) AND BAR JOIST (ORANGE).

TRANSCENDIA MAKUP AIR DUCTWORK | 1  
SCALE: 1/8" = 1'-0" | M100



**ROOFTOP UNIT SCHEDULE**

TAG	BASIS OF DESIGN		NOMINAL TONANGE	SUPPLY CFM	OUTSIDE AIR CFM	SUPPLY FAN			COOLING DATA				HEATING DATA			ELECTRICAL DATA			NOTES	
	MANUFACTURER	MODEL				RPM	BHP	EXT. STATIC (IN WG)	EAT (DB/WB °F)	LAT (DB/WB °F)	NO. OF CIRCUITS	CAPACITY (MBH)		EAT (°F)	LAT (°F)	INPUT (KW)	V/PH/HZ	MCA		MOCP
												Sensible	Total							
RTU-1	CARRIER	50FE-N20A2A6-8F0A0	17.5	7000	700	1730	3.83	1.0	80/67	587/57.3	2	160.8	216.0	70	101.1	68.9	460/3/60	106	110	
RTU-2	CARRIER	50FE-N20A2A6-8F0A0	17.5	7000	700	1730	3.83	1.0	80/67	587/57.3	2	160.8	216.0	70	101.1	68.9	460/3/60	106	110	
RTU-3	CARRIER	50FE-N20A2A6-8F0A0	17.5	7000	700	1730	3.83	1.0	80/67	587/57.3	2	160.8	216.0	70	101.1	68.9	460/3/60	106	110	
RTU-4	CARRIER	50FE-N20A2A6-8F0A0	17.5	7000	700	1730	3.83	1.0	80/67	587/57.3	2	160.8	216.0	70	101.1	68.9	460/3/60	106	110	



KEY PLAN | 2  
SCALE: NTS | M100

