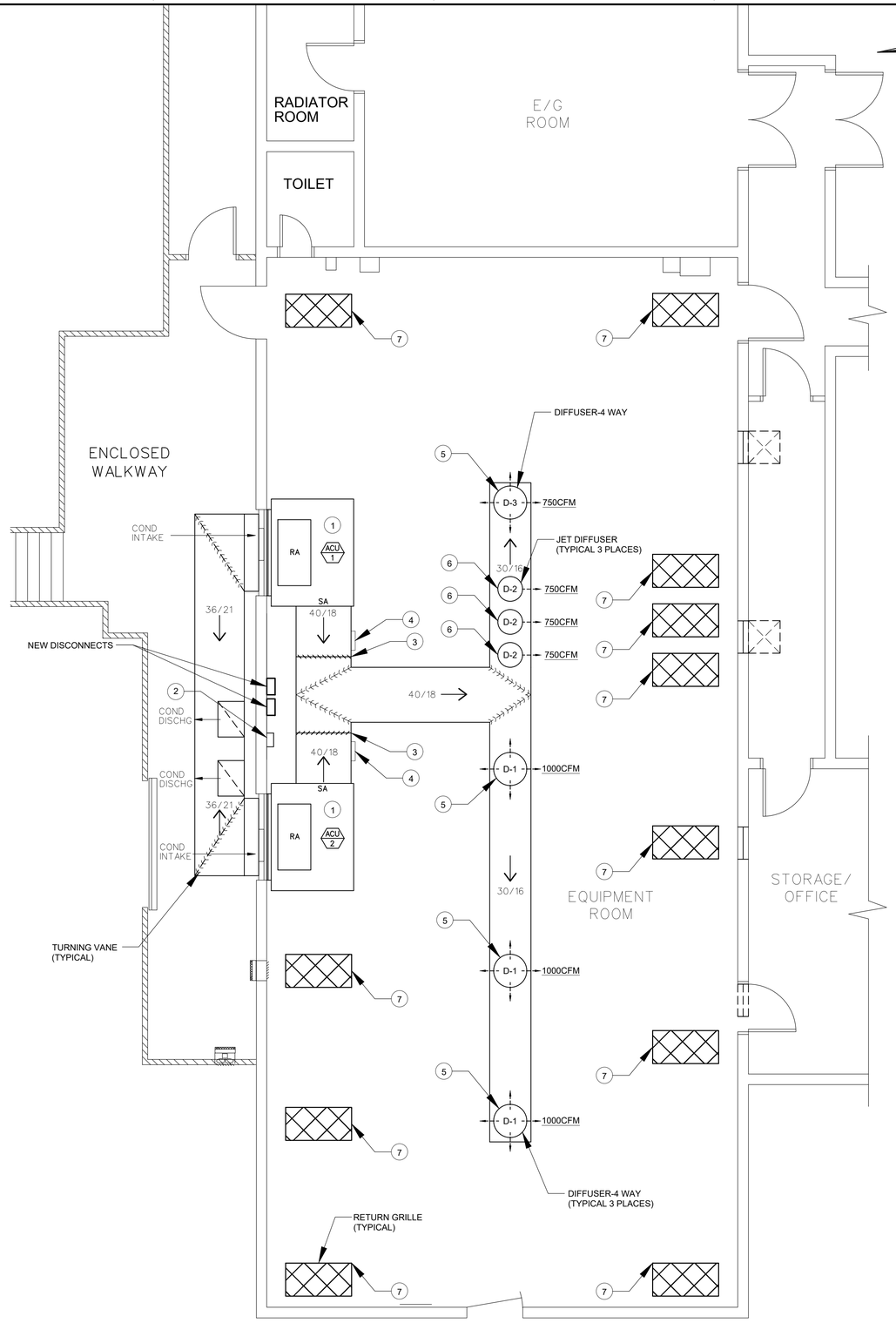
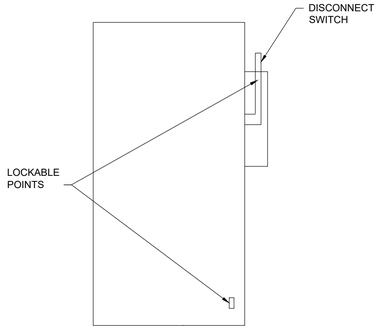


MECHANICAL PLAN

SCALE: 1/4" = 1'



TYPICAL DISCONNECT

NOT TO SCALE

GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL ON-SITE MEASUREMENTS PRIOR TO FINAL FABRICATION.
2. REPLACE ALL FLUORESCENT LIGHTS THROUGHOUT THE FACILITY AS DETAILED IN THE SOW; EXTEND/REMOVE CIRCUITS AS REQUIRED.
3. CEILING TILES SHOULD BE REPLACED IN THEIR ENTIRETY. GRID MAY BE RETAINED FOR CONTINUED USE WHERE APPLICABLE.
4. ENCLOSED WALKWAY DUCTWORK SHALL BE REMOVED.
5. INTERIOR DUCTWORK STRUCTURE SHALL BE CLEANED AND RETAINED FOR CONTINUED USE WHERE PRACTICAL.
6. INTERIOR DUCTWORK SHALL BE REMOVED.
7. ALL NEW DISCONNECTS SHALL BE HEAVY DUTY, OUTDOOR RATED, LOCKABLE, AND SIZED CORRECTLY FOR SERVICED EQUIPMENT.
8. DUCT DIMENSIONS SHOWN ARE INTERIOR (AIRWAY) DIMENSIONS. ALL DUCTWORK SHALL BE EXTERNALLY INSULATED. ONCE FULLY SEALED/WEATHERPROOF, INSTALL 0.040 ALUMINUM SHEETING.
9. MODIFY EXISTING WALL PENETRATIONS AS REQUIRED TO INSTALL NEW DUCTWORK. PENETRATIONS REQUIRE INSTALLATION OF 1/2 INCH HARDENED STEEL BARS WITH MAXIMUM 6 INCHES BETWEEN BARS FOR SECURITY PURPOSES.
10. NEW HVAC UNITS SHALL BE GROUNDED TO COUNTERPOISE DIRECTLY OR BY MEANS OF MULTIPOINT. RELOCATION OF EXISTING MULTI- POINT CAN BE PERFORMED TO ACCOMMODATE GROUNDING.
11. NEW HVAC UNITS SHALL HAVE A MIN 36" CLEARANCE AROUND ALL ACCESS DOORS AND PANELS; MANUFACTURER MAY REQUIRE MORE.
12. RELOCATE INTERFERENCES AS-REQUIRED; ALL RELOCATIONS MUST BE APPROVED BY ONSITE FAA REPRESENTATIVE.
13. INSTALL FURNISHED OAS CONTROLLER.
14. BALANCE DIFFUSERS TO AIRFLOW SPECIFIED +/- 10%.

NEW EQUIPMENT:

1. 2 EA - PACKAGED HVAC UNITS - YORK/JC DSV (OR FAA APPROVED EQUIVALENT)
2. FAA PROVIDED OAS HVAC CONTROLLER
3. 2 EA - COUNTERWEIGHTED BACKDRAFT DAMPERS - RUSKIN CBD6 (OR FAA APPROVED EQUIVALENT)
4. 2 EA - DUCT ACCESS DOORS - GREENHECK 14"X14" HAD TYPE
5. 4 EA - 14" ROUND CEILING DIFFUSER - TMRA-AA-14
6. 3 EA - 16" JET DIFFUSER - TND-AA-16
7. 11 EA - 24" x 48" RETURN GRILLE - 50R-24x48

4 0 4 8

SCALE: 1/4" = 1'

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
NAS DEFENSE PROGRAMS RESOURCE SERVICES TEAM

CDC ARSR
HVAC REPLACEMENT

CEDAR CITY UT

REVIEWED BY	SUBMITTED BY	APPROVED BY
	HUNTER BITZER	JULIO CARRERAS
	PROGRAM ANALYST, AJW-B710	MANAGER, AJW-B710

DESIGNED HGB	ISSUED BY NDP RESOURCE SERVICES	DATE 05/2026 JCN N/A
DRAWN HGB		DRAWING NO CDC-D-ARSR-M001 REV
CHECKED HGB		

ISSUED FOR: CONTRACT DOCUMENT

$NAME$ $TIME$ $FILESS $DATES$

EDMS