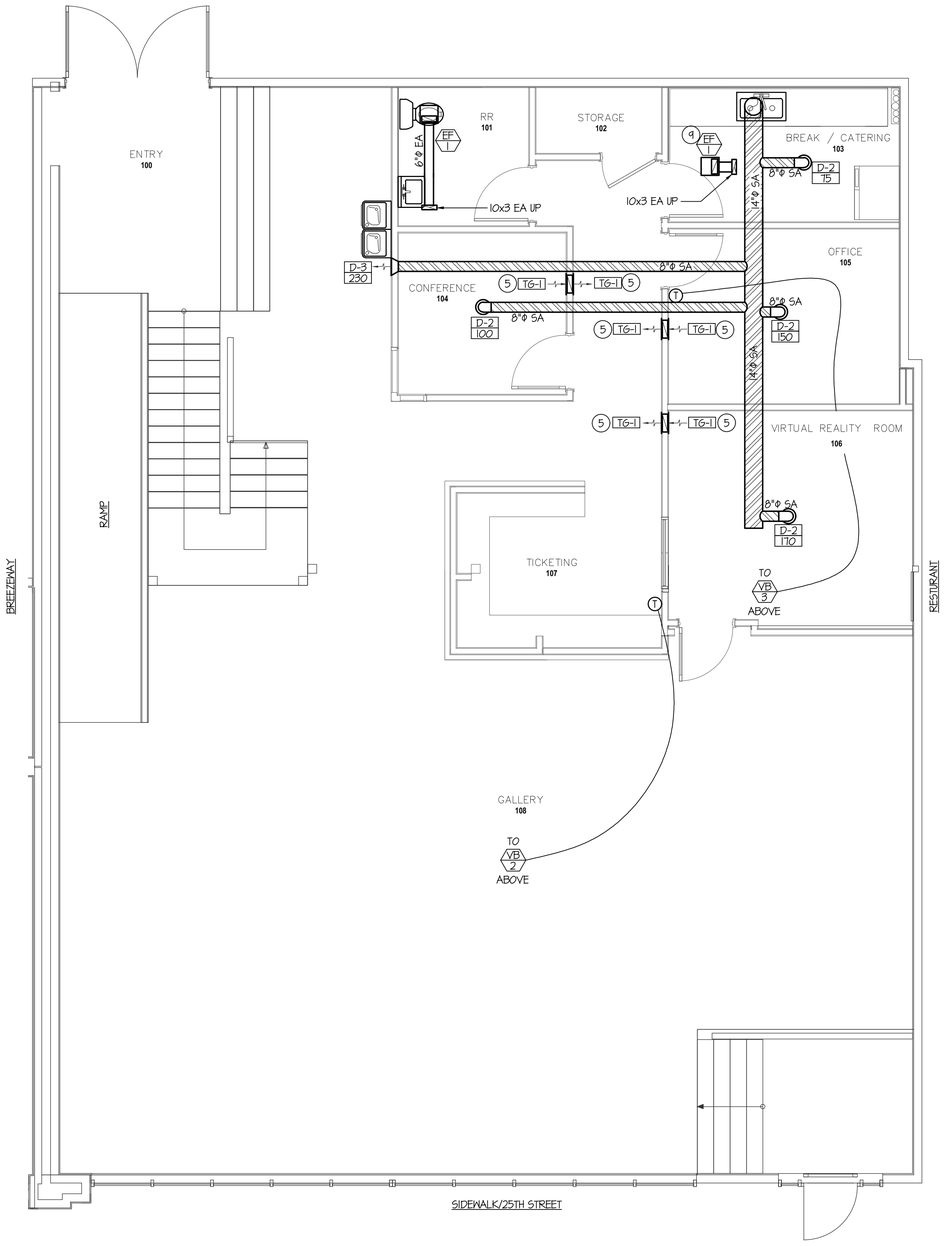
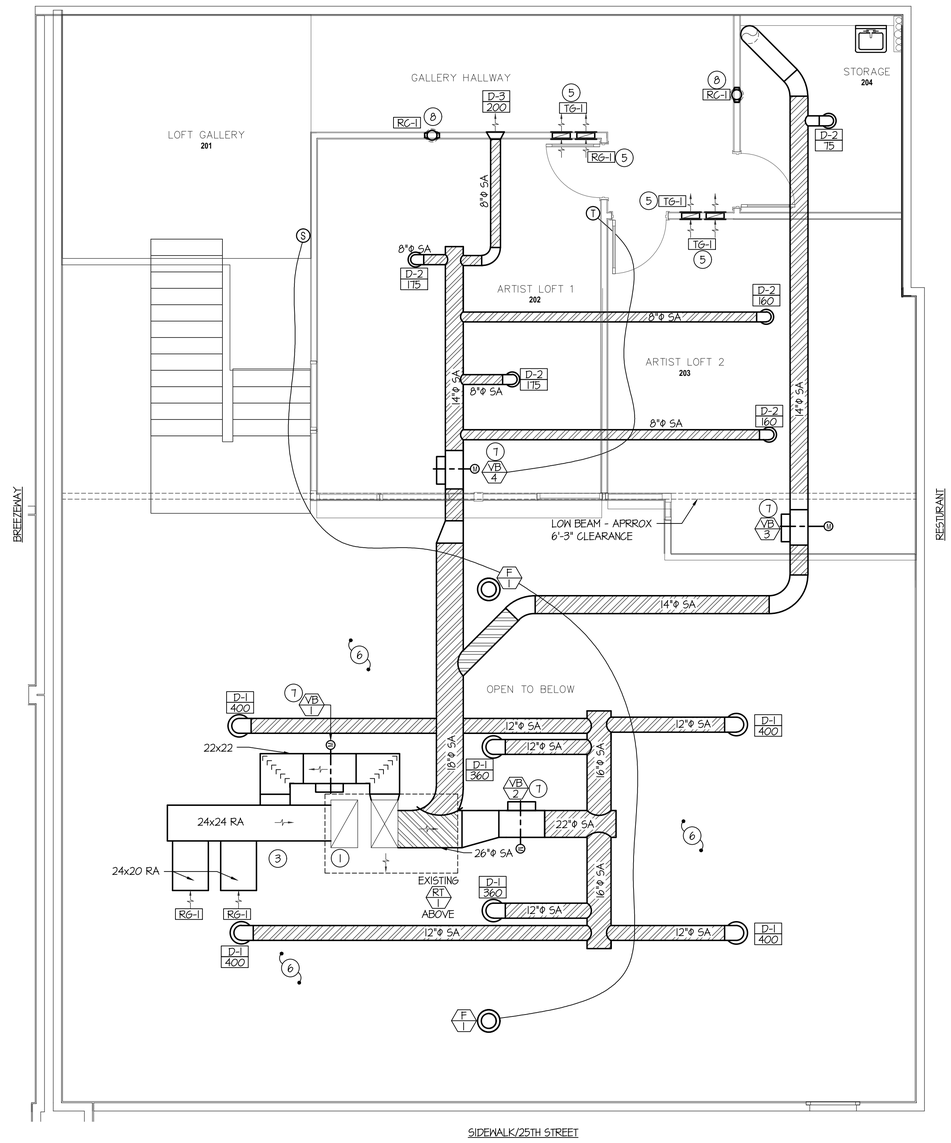


FIRST FLOOR MECHANICAL FLOOR PLAN

SCALE: 1/4" = 1'-0"



SECOND FLOOR MECHANICAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

PLAN NOTES:

1. EXISTING ROOF TOP UNIT LOCATION IS APPROXIMATE. FIELD VERIFY EXACT LOCATION OF EXISTING UNIT, PENETRATION AND SIZE OF DUCT.
2. MIN OF QTY(2) 90° BENDS TO ROOF TOP UNIT FOR SOUND ISOLATION.
3. INSTALL NEW 24X24 SA DUCT AFTER EXISTING TERMINATION. TRANSITION DUCT AS REQUIRED. VVT BYPASS DUCT TO BE THE FIRST BRANCH DUCT FROM THE ROOF TOP UNIT. CONNECT LOBBY AND OFFICE BRANCH DUCTWORK AS HIGH AS POSSIBLE BUT AFTER VVT CONNECTION.
4. ALL DUCTWORK TO BE FURNISHED WITH PAINTLOK. METAL TO BE PAINTED BY OTHERS
5. SEE TRANSFER GRILLE DETAIL ON SHEET M2.
6. MOUNT LOBBY SUPPLY DIFFUSERS 15' ABOVE FINISHED FLOOR.
7. MOUNT VARIABLE VOLUME BOX AS RECOMMENDED BY MANUFACTURE.
8. TRANSITION TO 8"Φ ROUND DUCT FOR NEW ROOF CAP. SEE DETAIL ON SHEET M201. MAINTAIN PENETRATION 10' AWAY FROM NEAREST INTAKE.
9. MOUNT EXHAUST FAN AS REQUIRED BY MANUFACTURE.

GENERAL NOTES:

A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.

B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.

C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.

D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.

E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.

F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURES.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
T	ELECTRONIC THERMOSTAT
FC 1	EQUIPMENT SYMBOL
HD	HAND DAMPER
	ROUND BRANCH DUCT WITH HAND DAMPER
	INSULATED FLEXIBLE DUCT
	RETURN AIR OR EXHAUST GRILLE
	CEILING DIFFUSER
	ROOF MOUNTED UPBLAST EXHAUST FAN

REGISTERED PROFESSIONAL ENGINEER
No. 322307
DUANE L. TUDWEEKS
STATE OF UTAH
May 5, 2020

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MOUNTAIN WEST ARCHITECTURE

SEAL:

REV	DATE	DESCRIPTION

PROJECT:

Tenant Improvement For:
01 Arts Xibit Gallery
455 25th Street
Ogden,Utah 8441

MOUNTAIN WEST ARCHITECTURE | 543 25TH STREET - OGDEN, UT 84401 | PH: 801-388-6052 | www.mountainwestarchitecture.com

SHEET TITLE:
MECHANICAL FLOOR PLAN

PROJECT: **FAYES LAUNDRY**

SHEET NUMBER:
M101

DO NOT SCALE DRAWING