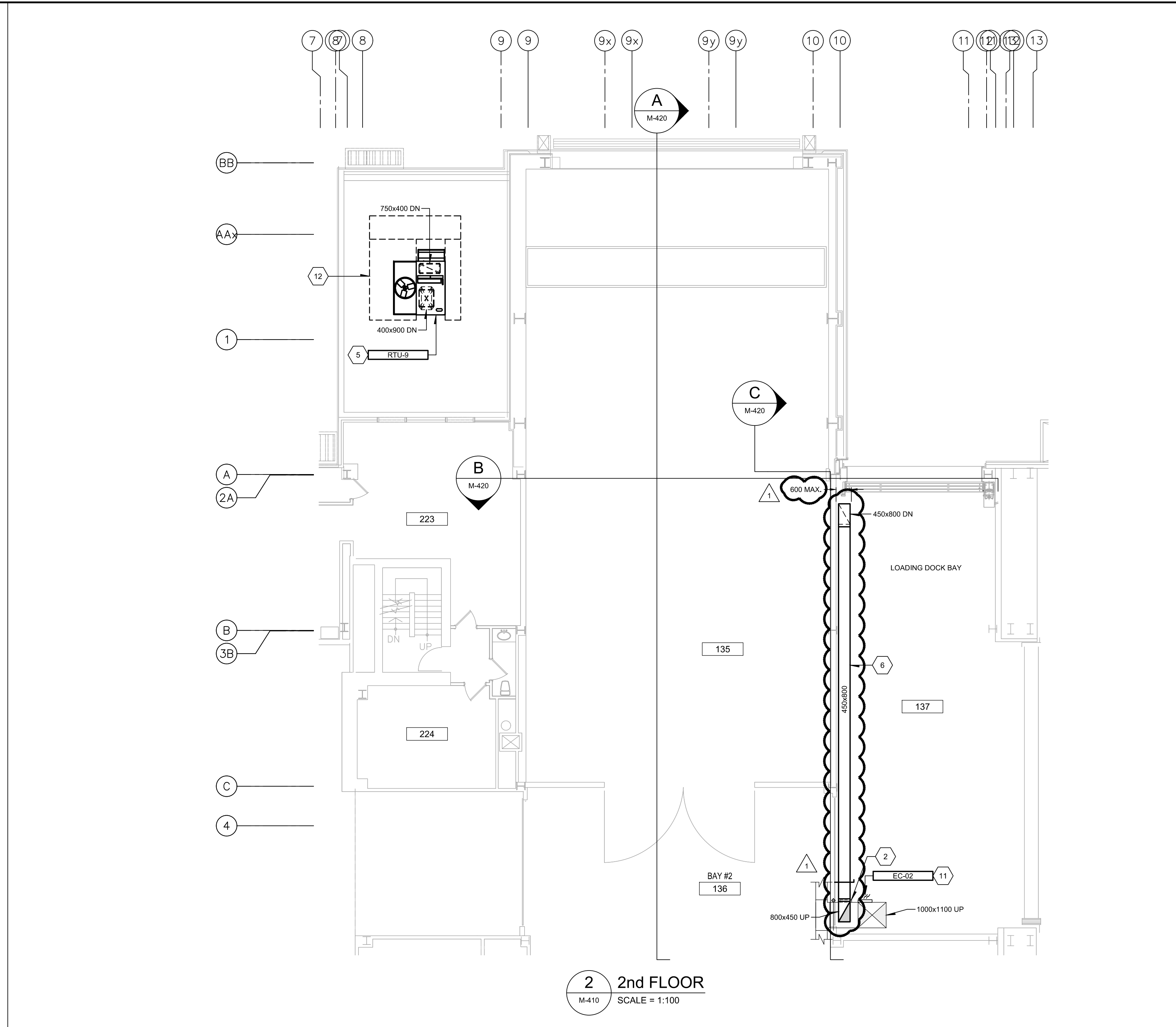
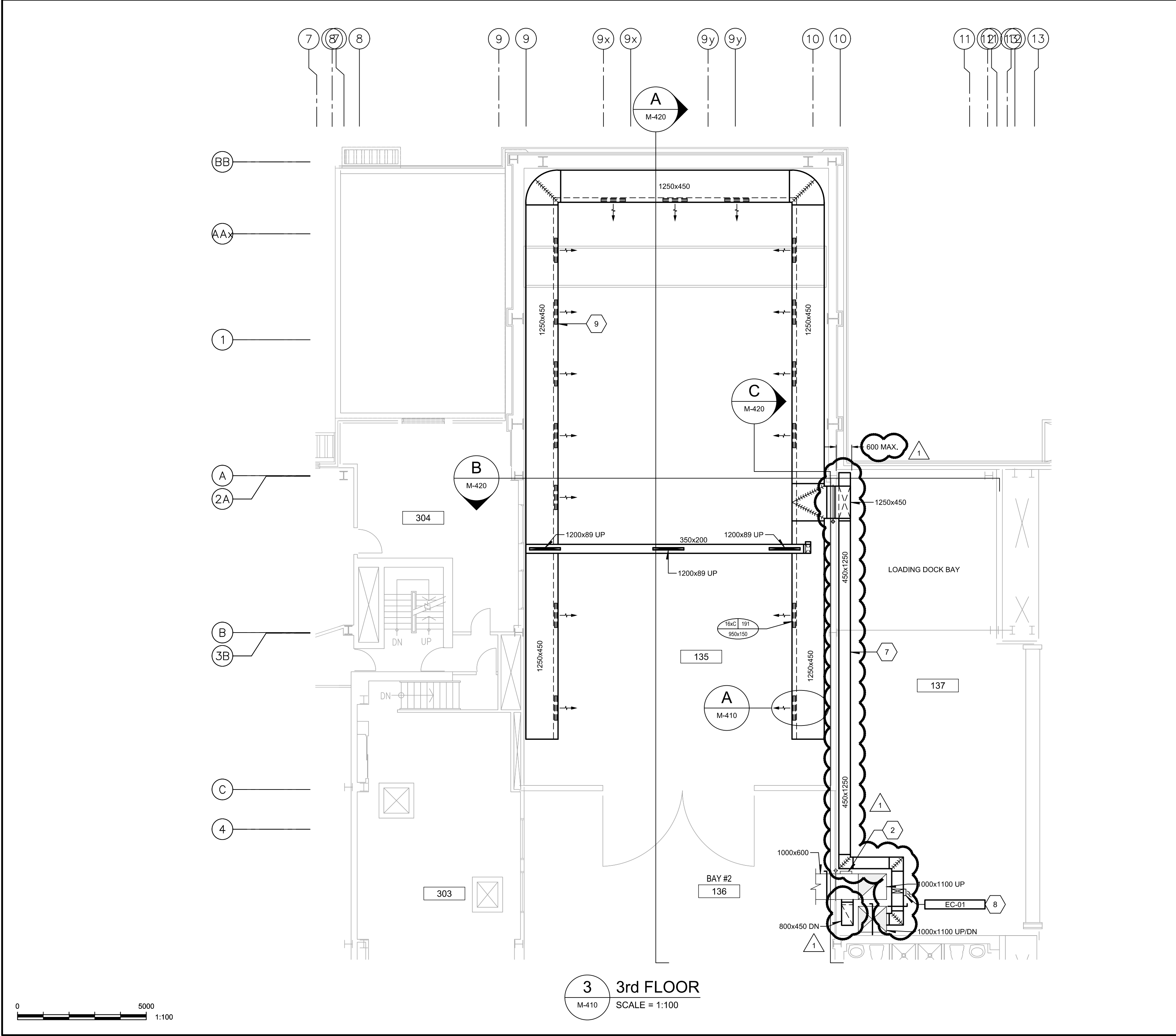


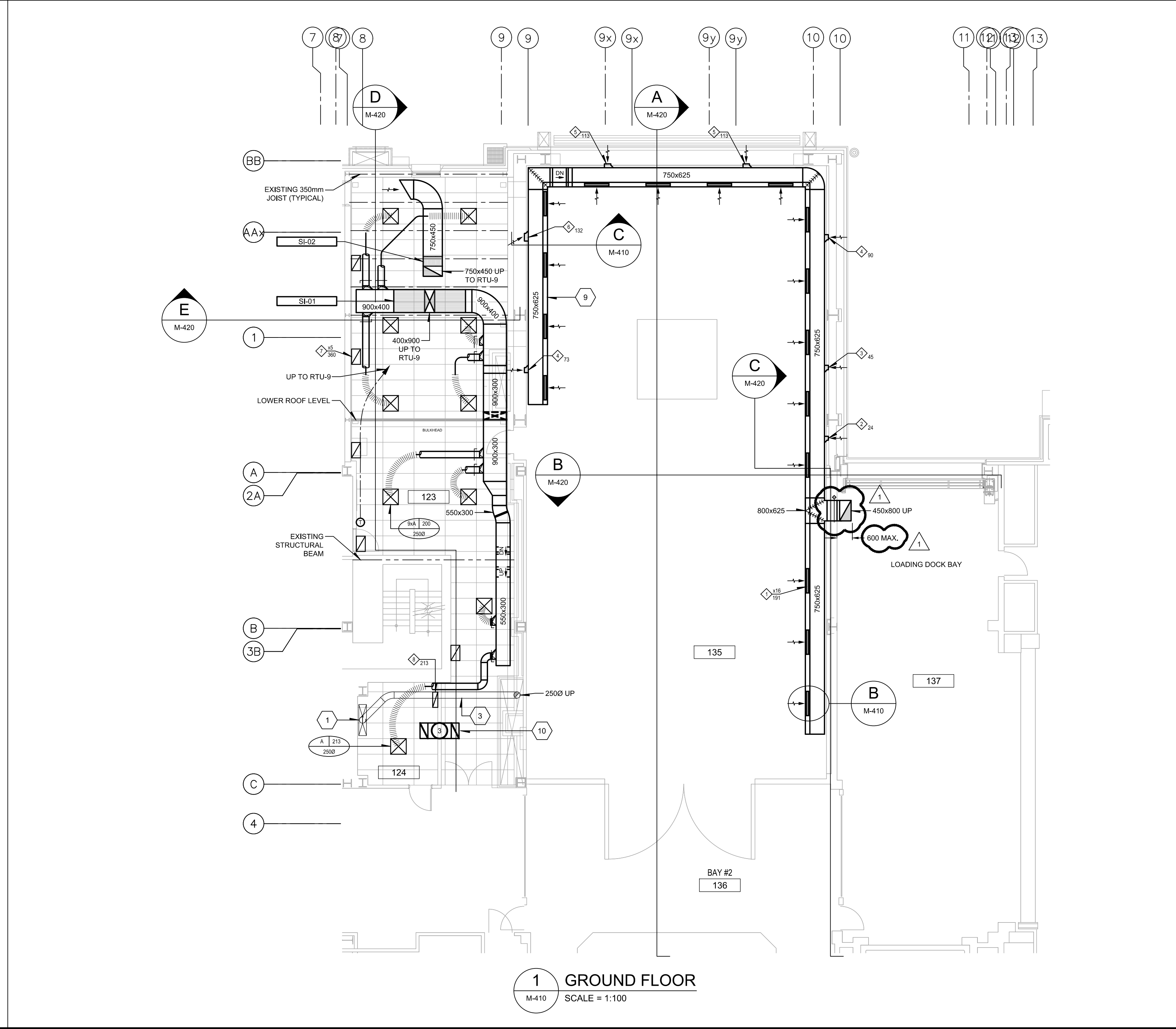
4 4th FLOOR
SCALE = 1:100



2 2nd FLOOR
SCALE = 1:100



3 3rd FLOOR
SCALE = 1:100



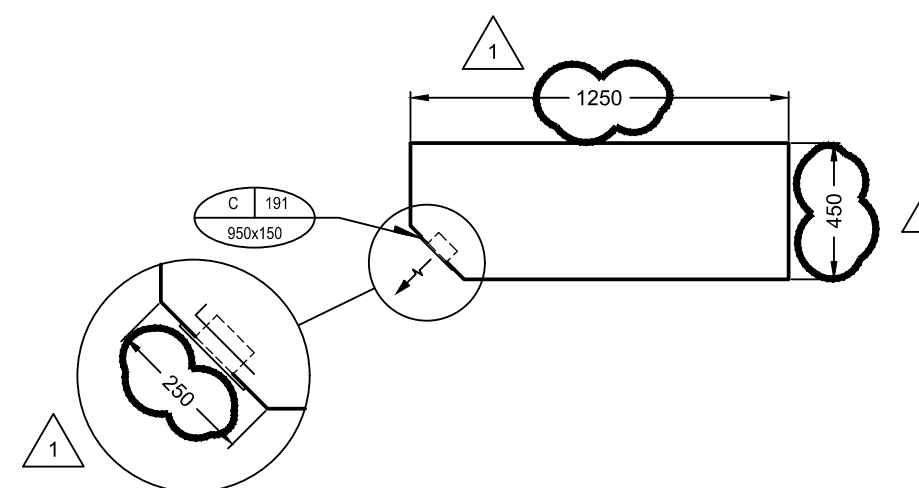
1 GROUND FLOOR
SCALE = 1:100

GENERAL NOTE(S):

- ALL DUCTWORK IN THE ANECHOIC CHAMBER IS TO BE SUPPORTED BY STRUCTURAL BEAMS. REFER TO STRUCTURAL DRAWINGS FOR SUPPORT SPACING AND LOCATION.
- COORDINATE GRILLES AND DIFFUSERS LOCATION WITH STRUCTURAL DRAWINGS IN ORDER TO NOT INTERFERE WITH STRUCTURAL SUPPORTS WITHOUT DISTURBING AIR FLOW DISTRIBUTION.

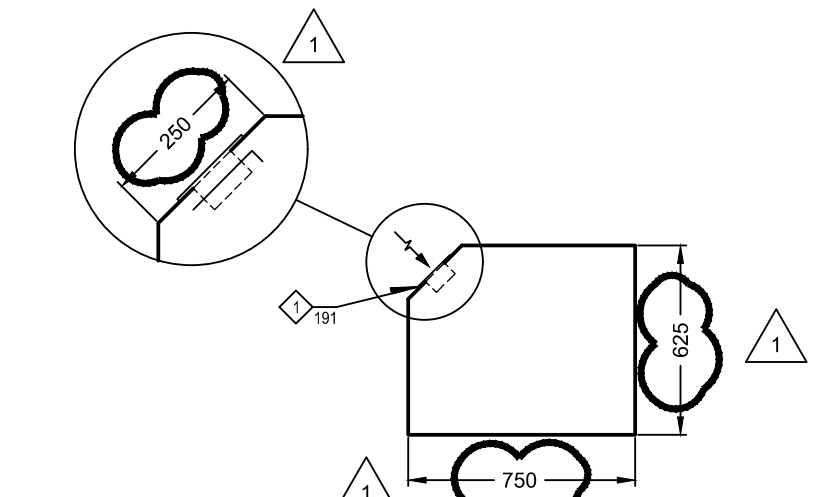
IDENTIFICATION(S):

- EXISTING EXHAUST HOOD TO REMAIN.
- EXISTING INSULATED RETURN DUCTWORK TO REMAIN.
- EXISTING EXHAUST DUCTWORK TO REMAIN.
- CANCELLED
- NEW ROOFTOP UNIT INSTALLED ON NEW FILTER CURB CW VIBRATION PAIR. REFER TO SPECIFICATIONS AND SECTIONS ON DRAWING M-402. EXACT LOCATION OF UNIT TO BE COORDINATED WITH STRUCTURAL DRAWINGS.
- RETURN DUCTWORK INSIDE LOADING DOCK BAY TO BE THERMALLY INSULATED. INSULATION IS TO BE INSTALLED THROUGH THE ANECHOIC CHAMBER'S PENETRATION IN ORDER TO SHIELD AGAINST RF INTERFERENCE.
- SUPPLY DUCTWORK INSIDE LOADING DOCK BAY TO BE THERMALLY INSULATED. INSULATION IS TO BE INSTALLED THROUGH THE ANECHOIC CHAMBER'S PENETRATION IN ORDER TO SHIELD AGAINST RF INTERFERENCE.
- NEW ELECTRIC HEATING COIL FOR TEMPERATURE CONTROL IN THE ANECHOIC CHAMBER.
- DUCTWORK INSIDE ANECHOIC CHAMBER TO BE SUPPORTED BY STRUCTURAL BEAMS. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- TRANSFER DUCT. REFER TO DETAIL "C" ON DRAWING M-410 FOR DIMENSIONS AND DETAILS.
- NEW ELECTRIC HEATING COIL FOR TEMPERATURE CONTROL IN BAY #2.
- NEW CATWALK INTEGRAL TO NEW FILTER CURB.



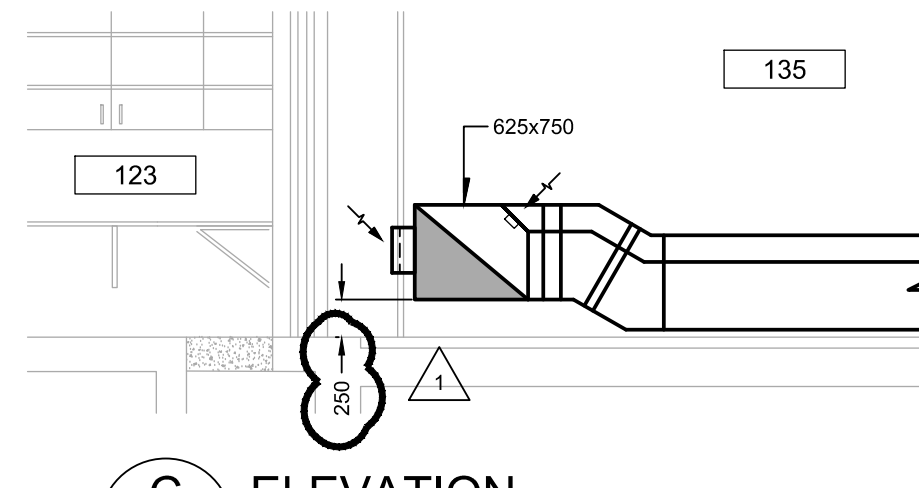
ANECHOIC CHAMBER SUPPLY DIFFUSERS

A DETAIL
SCALE = 1:25

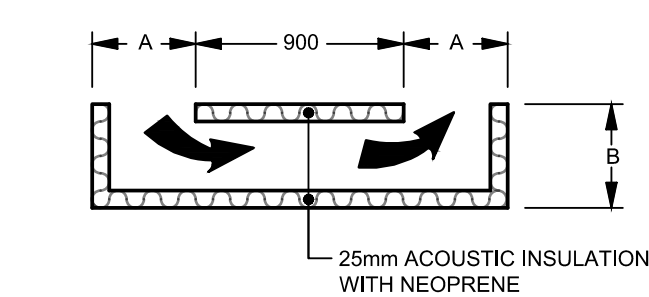
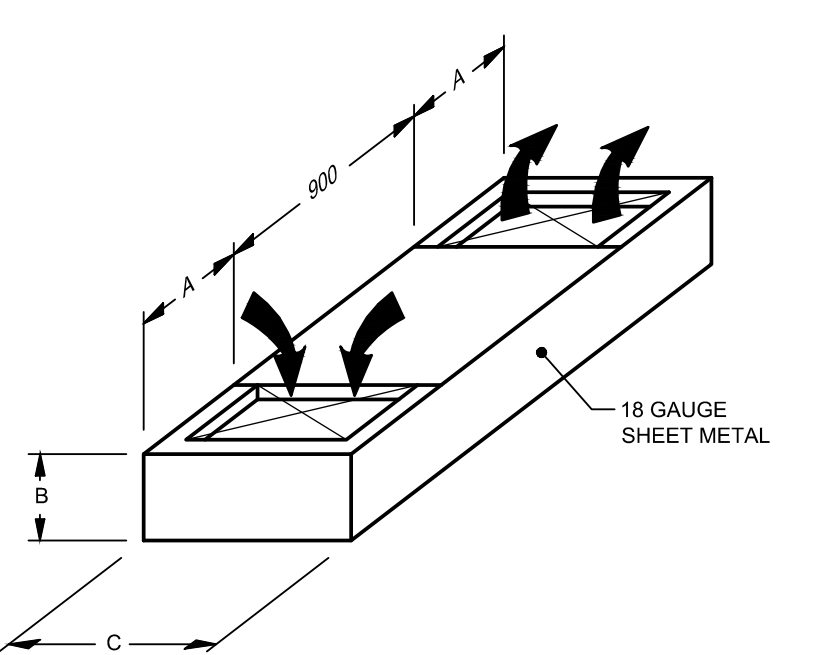


ANECHOIC CHAMBER RETURN GRILLES

B DETAIL
SCALE = 1:25



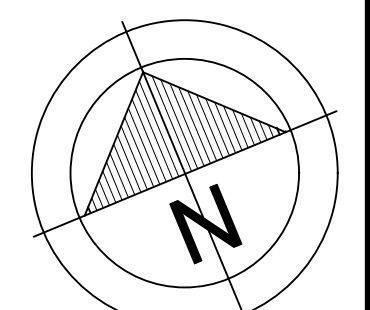
C ELEVATION
SCALE = 1:50



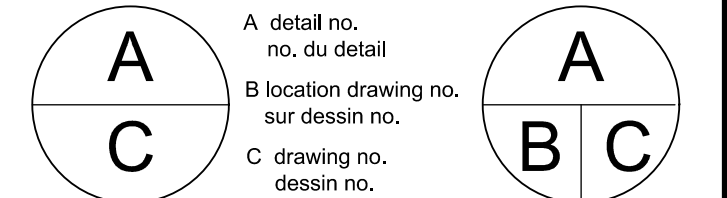
AIR TRANSFER WITH ACOUSTIC INSULATION				
TYPE	LxW	A	B	C
1	0 @ 100	150	150	400
2	100 @ 200	250	250	500
3	200 @ 300	300	300	600
4	300 @ 400	300	300	900

TRANSFER DUCT DETAIL

C DETAIL
SCALE = NONE



PROFESSIONAL STAMP



project
DAVID FLORIDA LABORATORY
BUILDING No. 65, SHIRLEY'S BAY, ONTARIO

BAY 2 ANECHOIC CHAMBER
REFIT PROJECT

drawing
MECHANICAL VENTILATION
GROUND, 2nd, 3rd & 4th FLOOR
NEW LAYOUT

designed	Z. FETTAKA	conçu
date		
drawn	D. VÉZINA, M. FRENETTE	dessiné
date		
reviewed	F. DIONNE	examiné
date		
approved	F. DIONNE	approuvé
date		
scale		

project no.	no. du projet
CSA15-G6	
drawing no.	no. du dessin
M-410	