

INSULATE INSIDE DUCT WITH 25mm
FIBERGLAS ACOUSTIC LINING. ALL
DIMENSIONS SHOWN ARE CLEAR
INSIDE DIMENSIONS.

1
M1

CROSS TALK SILENCER DETAIL

N.T.S.

GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NATIONAL BUILDING CODE, PROVINCIAL AND MUNICIPAL CODES.
- CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. CO-ORDINATE WITH OTHER TRADES. ALL WORK SHALL BE DONE AFTER BUSINESS HOURS AT A SCHEDULE SATISFACTORY TO THE DEPARTMENT REPRESENTATIVE. ESCORT PROVIDED BY THE DEPARTMENT.
- NEW GALVANIZED DUCTING SHALL BE MANUFACTURED AND INSTALLED PER THE LATEST ASHRAE AND SMACNA STANDARDS. NEW FLEXIBLE DUCT SHALL BE THERMA.
- ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- ANY WIRING ASSOCIATED WITH THE CONTROL OF MECHANICAL SYSTEMS SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- CONTROLS SHALL BE INSTALLED BY A QUALIFIED CONTROLS TECHNICIAN. CONTROLS SHALL BE ALERTON TO MATCH THE EXISTING BUILDING CONTROLS.
- BALANCE AIR FLOWS TO SPECIFIED VALUES USING ABC PROCEDURES. ALLOW FOR THE CHANGING OF BELTS AND DRIVES IF NEEDED. SUBMIT AN AIR BALANCE REPORT. ADJUST DUCT SCHEMATIC IN AIR BALANCE REPORT TO REFLECT THE "AS FOUND" CONDITION.
- DO NOT ALLOW CONSTRUCTION MATERIAL TO ACCUMULATE ON SITE. CLEAN UP AT THE END OF EACH DAY AND AT THE COMPLETION OF THE JOB.
- AS BUILT DRAWINGS. THIS CONTRACTOR SHALL KEEP AN ON SITE RECORD OF ANY CHANGES BY MARKING THE "AS BUILT" INFORMATION ON THE DRAWINGS. THIS INFORMATION SHALL BE SUBMITTED TO THE DEPARTMENT REPRESENTATIVE.

VENTILATION LEGEND

- EXISTING VAV BOX C/W ATTENUATOR. NUMBER INDICATES VAV DESIGNATION IN SCHEDULE.
- EXISTING 610x610mm SUPPLY DIFFUSER TO REMAIN
- CROSS-TALK SILENCER
- EXISTING TRANSFER DUCT
- EXISTING RETURN GRILLE
- NEW 610x305mm RETURN GRILLE
- NEW OR EXISTING ROOM SENSOR RELOCATED
- NEW OR EXISTING ROOM SENSOR RELOCATED TO U/S OF CEILING
- EXISTING DUCTWORK TO REMAIN

SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

VAV BOX SCHEDULE-- LEVEL 300						
BOX#	N- NEW R- EXISTING	E- EXISTING RELOCATED	NECK SIZE (mm)	MAX AIRFLOW (L/S)	MIN AIRFLOW (L/S)	PRESSURE DROP (Pa)
						*
337		E	350	590	177	—
338		E	150	184	55	—
339		E	250	402	121	—
340		E	200	332	100	90
341		E	175	284	85	120
342		E	200	320	96	85
343		E	175	260	78	105
344		E	150	213	64	132
345		E	175	274	82	115
346		E	125	153	46	118
347		E	200	330	99	90
348		E	250	584	175	—

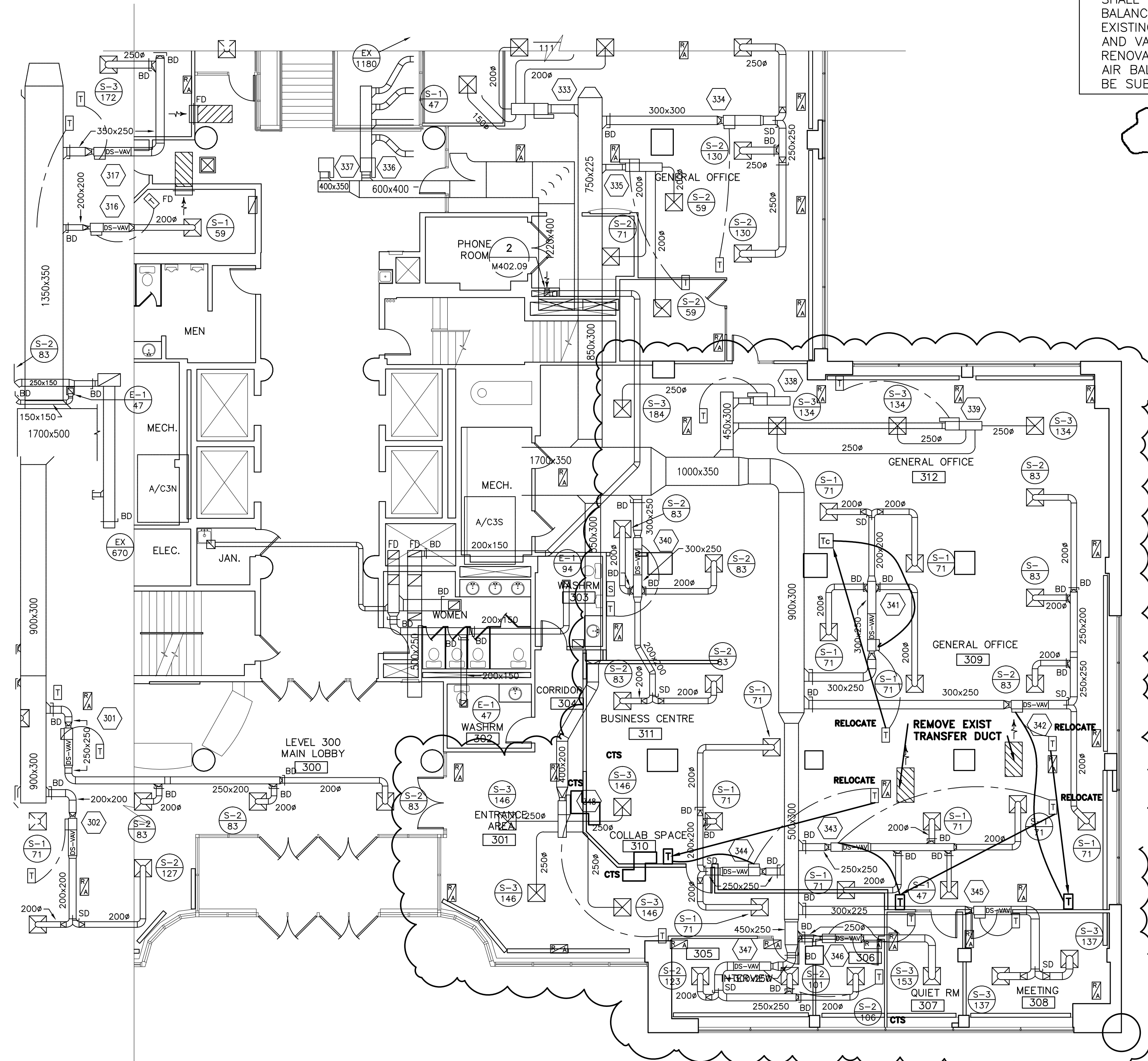
* -PRESSURE DROP = VELOCITY PRESSURE + STATIC PRESSURE

NOTE:

THE AIR BALANCE CONTRACTOR SHALL MEASURE, ADJUST AND BALANCE AIRFLOW FROM ALL EXISTING AND NEW DIFFUSERS AND VAV BOXES WITHIN THE RENOVATED AREA. AIR BALANCE REPORT SHALL BE SUBMITTED FOR REVIEW



AREA OF REVISIONS



1 VENTILATION PLAN

M1

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-	ISSUED FOR 99% REVIEW	16JULY13
revisions		date

project

CANADA REVENUE AGENCY
SPACE OPTIMIZATION PROJECT
CASH COUNTER RENOVATIONS
RALSTON BLDG - 1557 HOLLIS STREET
HALIFAX - NS

drawing

LEVEL 300 VENTILATION PLAN

designed GSE

date JUNE 2013

drawn DPJ

date JUNE 2013

approved

date

Tender

ALLAN MCNEILL

PWOSC Project Manager

project number

R.053258.004

drawing no.

M-1