

O	Issued for Construction	18-02-16
Revision	Description	Date
Client		client

SUITE 201

Project title: [Blank] Projct: [Blank]

GOCB OFFICE FIT-UP
 SASKATOON, SASKATCHEWAN

Designed by: TD Concu par
 Drawn by: TD Dessine par
 Approved by: DS Approuve par
 PWCSC Project Manager: AR Administrateur de Projets TPSCC AR

MECHANICAL SCHEDULES & DETAILS

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.055494.001	MH2.3	0
	OF	

MARK	MODEL	ZONE SERVED	NOMINAL SIZE	INLET DIA.	OUTLET DIM.	DESIGN AIR VOLUME		MINIMUM AIR VOLUME		NOTES
						(cfm)	(L/s)	(cfm)	(L/s)	
VAV 1	Low Pressure Bypass	Meeting Room 223	8	8	10x10	285	135	75	35	1
VAV 2	Low Pressure Bypass	Meeting Room 222	8	8	10x10	165	78	40	19	1
VAV 3	Low Pressure Bypass	Interview Room 224	6	6	10x10	85	40	30	14	1
VAV 4	Low Pressure Bypass	Interview Room 221	6	6	10x10	155	73	40	19	1
VAV 5	Low Pressure Bypass	Enclosed Office 227	6	6	10x10	175	83	45	21	1

1. Connect unit and thermostat into existing DDC system. Update user graphics to include new zones.

MARK	DCW	DHW	SANITARY	VENT
SK 1	1/2"	13 mm	1/2"	13 mm
	1 1/2"	38 mm	1 1/4"	32 mm

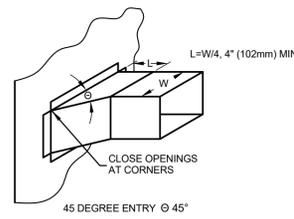
* FOLLOW PIPE SIZES GIVEN IN ABOVE CHART UNLESS DRAWING SHOWS DIFFERENTLY.

MARK	MODEL	NOTES
S 1	600X600, SQUARE PLAQUE DIFFUSER, 250MM INLET	1
S 2	600X600, SQUARE PLAQUE DIFFUSER, 200MM INLET	1
S 3	600X600, SQUARE PLAQUE DIFFUSER, 350MM INLET	1
R 1	600X200 EGG CRATE GRILLE	1
R 2	150X150 EGG CRATE GRILLE	1
R 3	250X150 LOUVERED RETURN	1

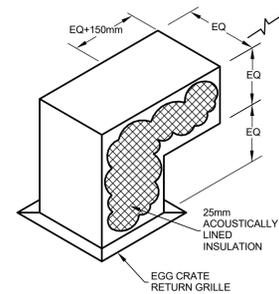
1. Factory painted white.

MARK	MODEL	ZONE SERVED	AIRFLOW		FAN ESP		FAN POWER		MAXIMUM WEIGHT		MAXIMUM DIMENSIONS			ELECTRICAL		NOTES
			(cfm)	(L/s)	(in-wg)	(Pa)	(HP)	(kW)	KG	LBS	LENGTH	WIDTH	HEIGHT	VOLTAGE	PHASE	
F 1	INLINE	Photo Copier	136	64	0.80	200.00	0.10	0.07	4	9	279	279	279	115 V	1	1.2
F 2	INLINE	Photo Copier	136	64	0.80	200.00	0.10	0.07	4	9	279	279	279	115 V	1	1.2
F 3	INLINE	Kitchenette	136	64	0.80	200.00	0.10	0.07	4	9	279	279	279	115 V	1	1.2
F 4	INLINE	Photo Copier	136	64	0.80	200.00	0.10	0.07	4	9	279	279	279	115 V	1	1.2
F 5	INLINE	Telecom Room	136	64	0.80	200.00	0.10	0.07	4	9	279	279	279	115 V	1	1.2

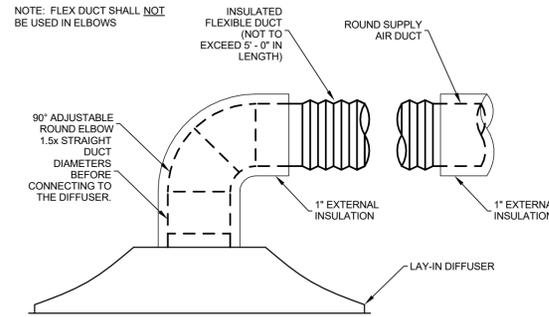
1. Coordinate location of fan to ensure that location does not impede on new and existing services within ceiling space.
 2. Connect fan into existing DDC system. Update user graphics.



BRANCH CONNECTIONS DETAIL
 SCALE: N.T.S.

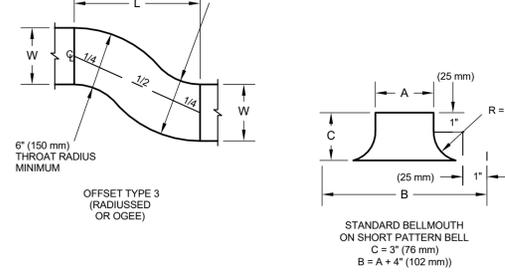
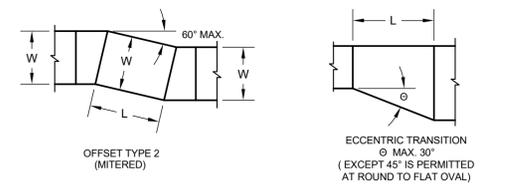
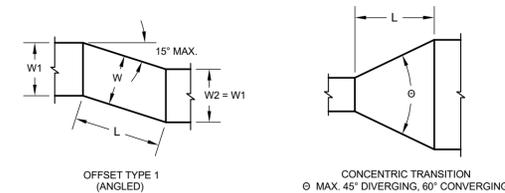


ACOUSTIC ELBOW DETAIL
 SCALE: N.T.S.

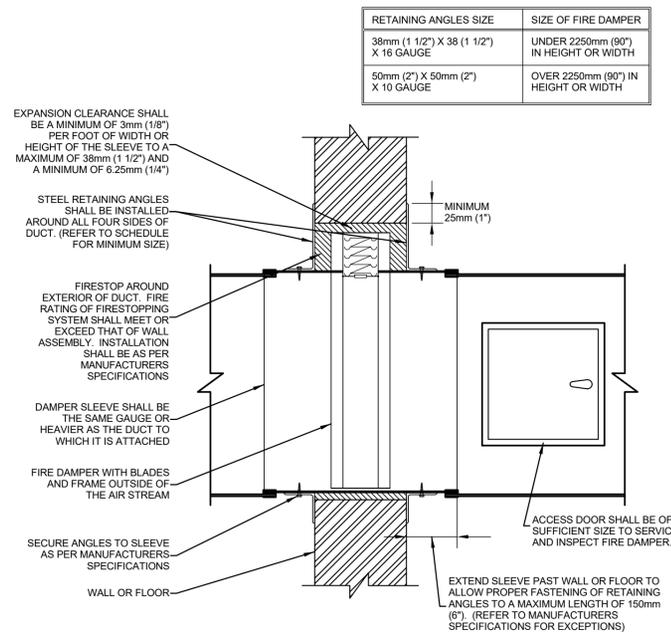


DIFFUSER INSTALLATION DETAIL
 SCALE: N.T.S.

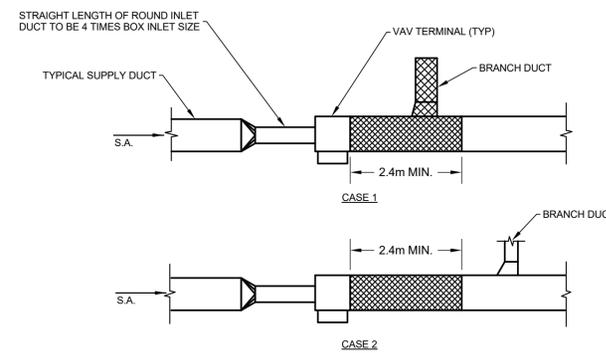
OFFSETS 2 AND 3 AND TRANSITIONS MAY HAVE EQUAL ON UNEQUAL INLET AND OUTLET AREAS. TRANSITIONS MAY CONVERT DUCT PROFILES TO ANY COMBINATION FOR RECTANGULAR, ROUND OR FLAT OVAL SHAPES.



DUCT OFFSETS AND TRANSITIONS DETAILS
 SCALE: N.T.S.



FIRE DAMPER DETAIL
 SCALE: N.T.S.



VAV TERMINAL ACOUSTIC INSULATION DETAIL
 SCALE: N.T.S.

