

0	ISSUED FOR TENDER	2015.09.11
REVISIONS	DESCRIPTION	DATE

A	detail number number du détail	A
B	source drawing no. de dessin no.	B
C	detail on drawing no. détail sur dessin no.	C

project title
**NRCan and Parks Canada
Fit-Up
2nd Floor Greenstone
Yellowknife, N.W.T.**

titre du projet

drawing title
**MECHANICAL
2ND FLOOR
FLOOR PLAN**

titre du dessin

designed by
DRS

conçu par

drawn by
DRS

dessiné par

approved by
EC

approuvé par

PWOSC Project Manager
Administrateur de Projets TPSSC

scale
AS NOTED

échelle

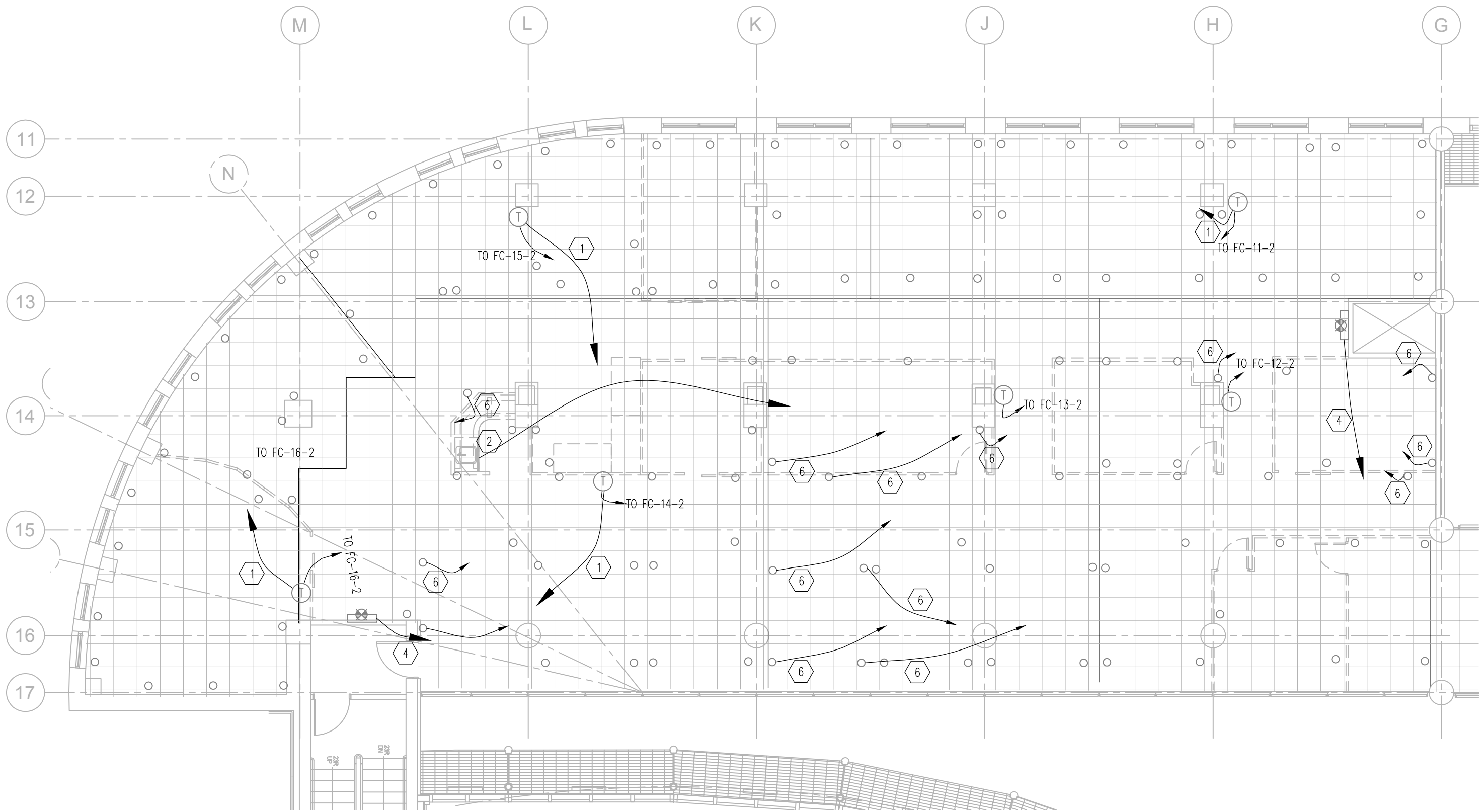
project no.
R.067351 & 067352

feuille

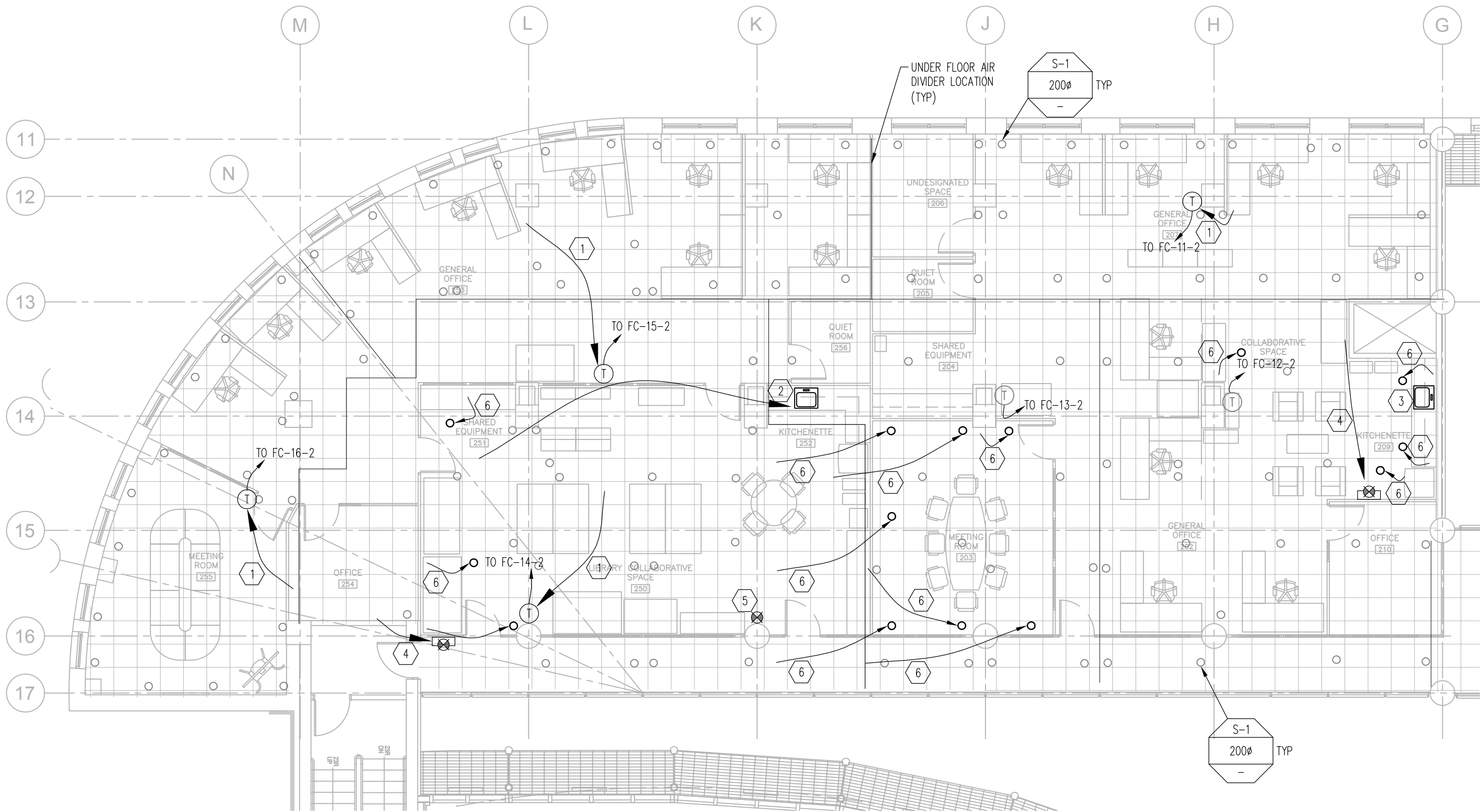
date
2015.09.11

date

M2
OF 3



1 EXISTING - FLOOR PLAN
M2 SCALE: 1:100



2 NEW - FLOOR PLAN
M2 SCALE: 1:100

FAN COIL AND VAV BALANCING - EXISTING VALUES

FAN COIL AND VAV BALANCING – EXISTING VALUES												
FC#	TYPE	AIR FLOW (L/S)	COOLING COIL				HEATING COIL			VAV BOX		
			TOTAL (KW)	EAT DB/WB (°C)	LAT DB/WB (°C)	WATER FLOW (L/S)	TOTAL (KW)	EAT/LAT (°C)	GLYCOL FLOW (L/S)	VAV SIZE	MIN (L/S)	MAX (L/S)
FC-11-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	47.2	70.8
FC-12-2	J-EXTG	189	1.26	25.0/17.1	19.4/15.1	0.045	2.02	17.5/26.7	0.038	100#	47.2	70.8
FC-13-2	J-EXTG	132	2.05	24.9/17.2	16.6/14.2	0.074	3.95	10.6/26.7	0.074	100#	47.2	70.8
FC-14-2	C-EXTG	227	1.58	25.2/17.1	19.2/14.9	0.057	1.99	18.1/25.6	0.038	100#	56.6	85.0
FC-15-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	47.2	70.8
FC-16-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	37.8	56.6

FAN COIL AND VAV BALANCING SCHEDULE - NEW

FAN COIL AND VAV BALANCING SCHEDULE – NEW												
FC#	TYPE	AIR FLOW (L/S)	COOLING COIL				HEATING COIL			VAV BOX		
			TOTAL (KW)	EAT DB/WB (°C)	LAT DB/WB (°C)	WATER FLOW (L/S)	TOTAL (KW)	EAT/LAT (°C)	GLYCOL FLOW (L/S)	VAV SIZE	MIN (L/S)	MAX (L/S)
FC-11-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	47.2	70.8
FC-12-2	J-EXTG	189	1.26	25.0/17.1	19.4/15.1	0.045	2.02	17.5/26.7	0.038	100#	47.2	70.8
FC-13-2*	J-EXTG	189	1.26	25.0/17.1	19.4/15.1	0.045	2.02	17.5/26.7	0.038	100#	38.0*	57.0*
FC-14-2*	C-EXTG	267*	2.99*	26.4/16.3*	16.9/12.7*	0.110*	4.54*	12.2/26.7*	0.086*	100#	66.0*	99.0*
FC-15-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	47.2	70.8
FC-16-2	B-EXTG	342	3.19	25.4/15.9	17.4/12.9	0.115	6.73	9.9/26.7	0.127	100#	37.8	56.6

*FAN COILS AND/OR ASSOCIATED VAV BOXES TO BE REBALANCED TO NEW VALUES WHERE INDICATED