EXHAUST FAN SCHEDULE (2)(3)(4)

MARK	SERVES ROOM	MIN. (1) S.C.F.M.	STATIC PRESSURE IN. W.G.	MAXIMUM WATTS	REMARKS
EF 1	MEN'S TOILET ROOM 110	225	0.5	172	
EF 2	WOMEN'S TOILET ROOM 113	225	0.5	172	
EF 3	FONT 111	250	0.5	172	
EF 4	SERVING 127	200	0.5	192	
EF 5	MOTHER'S ROOM 128	100	0.5	113	
EF 6	TOILET ROOM 129	75	0.5	70	
EF 7	CUSTODIAL 107	85	0.5	113	

(1) SET BALANCE DAMPERS SHOWN ON PLAN TO CFM LISTED

(2) CONTROL BY DIVISION 26.

(3) VOLTAGE IS 115V/1 PHASE/60 HZ

(4) PROVIDE BACK-DRAFT DAMPER

DIFFUSER SCHEDULE (2)(4)

MARK	C.F.M. RANGE (1)	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST./SIDE A (%)	AIR DIST./SIDE B (%)	REMARKS
D-1	40 – 120	6X6	6"ø	4 WAY	A/B	25	25	
D-2	100 – 200	9X9	8"ø	4 WAY	A/B	25	25	
D-3	190 – 300	12X12	10"ø	2 WAY	A/B	50	50	
D-4	150 – 260	12X12	10"ø	3 WAY	A/B	38	31	
D-5	175 – 310	12X12	10"ø	4 WAY	A/B	25	25	
D-6	315 – 490	15X15	12"ø	4 WAY	A/B	25	25	

REGISTER, LOUVER & GRILLE SCHEDULE

MARK	TYPE	SERVICE	CFM (1) RANGE	NECK SIZE	REMARKS (3)
R-1	SIDEWALL (5)(6)	RA	165-340	12X10	SERVICED BY 14"x5" UNLINED R.A. DUCT IN WALL (7)
R-2	CEILING (4)	RA	70-220	10X10	
R-3	CEILING (4)	RA	225-380	12X12	
R-4	CEILING (5)	RA	605-800	18X18	
R-5	SIDEWALL (5)(6)	RA	600-800	18x20	(7)
R-6	SIDEWALL (5)(6)	RA	1000	24x18	(7)
R-7	CEILING (4)	RA TRANSFER	10-225	10X10	
S-1	SIDEWALL (5)	SA	400-500	20x10	(9)
S-2	SIDEWALL (5)	SA	600-650	24x10	(10)
S-3	SIDEWALL (5)	SA	750-1200	32x12	(9)
S-4	SLOT (5)	SA	400	4 SLOT x 5'-0"	
L-1	LOUVER	OA	668	12"x36"	SEE ARCHITECTURAL E/A602 (12)(11)(8)
L-2	LOUVER	EA	375	16"x12"	SEE ARCHITECTURAL F/A602 (12)(11)(8)
L-3	LOUVER	OA	668	12"x36"	SEE ARCHITECTURAL E/A602 (12)(11)(8)
L-4	LOUVER	OA	844	24"x36"	SEE ARCHITECTURAL J/A602 (12)(11)(8)
L-5	LOUVER	OA	849	24"x36"	SEE ARCHITECTURAL J/A602 (12)(11)(8)
L-6	LOUVER	OA	570	12"x36"	SEE ARCHITECTURAL E/A602 (12)(11)(8)
L-7	LOUVER	EA	1256	72"x16"	SEE ARCHITECTURAL D/A602 (12)(11)(8)
L-8A	LOUVER	STORAGE BLDG	NA	12"x12"	SEE ARCHITECTURAL H/A602 (12)(11)(8)
L-8B	LOUVER	STORAGE BLDG	NA	12"x12"	SEE ARCHITECTURAL H/A602 (12)(11)(8)
L-9	LOUVER	EA	475	16"x12"	SEE ARCHITECTURAL F/A602 (12)(11)(8)
L-10	LOUVER	EA	310	16"x12"	SEE ARCHITECTURAL F/A602 (12)(11)(8)

REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES:

(1) MAXIMUM NC=25 @ MAXIMUM CFM NOTED. BALANCE FLOW RATE TO THE QUANTITY SHOWN ON PLANS.

(2) SHALL BE TITUS TDC TYPE 6 OR EQUAL BY OTHER APPROVED MANUFACTURERS. (SEE SPECIFICATIONS)

(3) SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.

(4) FINISH SHALL BE OFF-WHITE BAKED ENAMEL.

(5) BAKED ENAMEL FINISH WITH COLOR AS DIRECTED BY ARCHITECT.

(6) RETURN AIR GRILLE TO BE MOUNTED 3" ABOVE BASE.

(7) BLADES SHALL BE HORIZONTAL

(8) PROVIDE ALUMINUM BIRD SCREENS.

(9) SET REGISTER BLADES FOR 15° UPWARD DEFLECTION

(10) SET REGISTER BLADES FOR 15° DOWNWARD DEFLECTION

(11) MAXIMUM ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 400 FEET/MINUTE.

(12) FINISH COLOR AS DIRECTED BY ARCHITECT.

(13) MAXIMUM PRESSURE DROP: 0.004 IN. WATER COLUMN.

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Project for:
THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

Mark	Date (24-hr)	Description
'	07-JAN-09	90% REVIEW

Architect Project Number: 0805
Plan Series: FAY-170-02-[07]-02
Project Number: 500-0881-08020101

Sheet Title: MECHANICAL SCHEDULES

Sheet: M602
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Date: MAR. 16, 2009