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MARK	S E R V E S R O O M	MIN. ^① S.C.F.M.	STATIC PRESSURE IN. W.G.	MINIMUM WATTS	R E M A R K S
EF 1	MEN'S RESTROOM 153	420	0.3	250W	PROVIDE BACK--DRAFT DAMPER
EF 2	WOMEN'S RESTROOM 152	560	0.3	330W	PROVIDE BACK--DRAFT DAMPER
EF 3	MOTHER'S ROOM 119	70	0.3	81W	PROVIDE BACK--DRAFT DAMPER
EF 4	RESTROOM 157	75	0.3	81W	PROVIDE BACK--DRAFT DAMPER
EF 5	SERVING AREA 114	200	0.375	166W	PROVIDE BACK--DRAFT DAMPER
EF 6	CUSTODIAN 111	70	0.3	81W	PROVIDE BACK--DRAFT DAMPER
EF 7	FONT 161	200	0.375	166W	PROVIDE BACK--DRAFT DAMPER

① SET BALANCE DAMPERS SHOWN
ON M1.1 TO CFM LISTED

③ VOLTAGE IS 115V/1 PHASE/60HZ

② CONTROL BY DIVISION 16.

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MARK	C.F.M. RANGE	DIFFUSER SIZE	NECK CONN.	BLOW	PATTERN	AIR DIST./SIDE	
						A (%)	B (%)
D-1	50 – 100	6X6	6"ø	2 WAY		50	50
D-2	70 – 100	6X6	6"ø	4 WAY		25	25
D-3	170 – 200	9X9	8"ø	2 WAY		50	50
D-4	120 – 200	9X9	8"ø ⁽¹⁰⁾	4 WAY		25	25
D-5	270	12X12	10"ø	2 WAY		50	50
D-6	180 – 270	12X12	10"ø ⁽¹⁰⁾	3 WAY		38	31
D-7	220 – 310	12X12	10"ø	4 WAY		25	25
D-8	350 – 570	12X12	12"ø	4 WAY		25	25

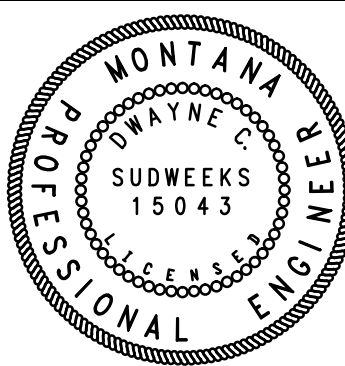
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MARK	T Y P E	SERVICE	CFM RANGE ⁽¹⁾	NOMINAL SIZE	REMARKS ⁽³⁾
R-1	SIDEWALL (5) (6)	RA	70-200	12X8	SERVICED BY 12X5 UNLINED R.A. DUCT IN WALL ⁽¹¹⁾
R-2	SIDEWALL (5) (6)	RA	200-375	12X10	SERVICED BY 12X5 UNLINED R.A. DUCT IN WALL ⁽¹¹⁾
R-3	CEILING (4)	RA	230-300	10X10	
R-4	CEILING (4)	RA	250-375	12X12	
R-5	CEILING (4)	RA	960-1060	20X24	
R-6	CEILING (4)	RA	540	16X16	
R-7	SIDEWALL (5) (6)	RA	1600	22X22	⁽¹¹⁾
R-8	SIDEWALL (5)	RA	3,200	48X24	⁽¹¹⁾
R-9	SIDEWALL (5)	RA	800	12X24	⁽¹¹⁾
R-10	CEILING (5)	TRANSFER	300	12X12	
R-11	SIDEWALL (5)	TRANSFER	N/A	12X10	WALL GRILLE
S-1	SIDEWALL (5)	SA	750-800	24X10	⁽⁹⁾
S-2	SIDEWALL (5)	SA	800	36X10	⁽⁹⁾
SG-1	SOFFIT GRILLE (5)	OA	405	30X24	^{(8) (13)}
L-1	LOUVER	EA	345	12X18	^{(8) (12) (13)}
L-2	LOUVER	OA	485-530	12X24	^{(8) (12) (13)}
L-3	LOUVER	OA	2370-2810	48X36	^{(8) (12) (13)}
L-4	LOUVER	EA	---	48X36	^{(8) (13)}
L-5	LOUVER	ARCHITECT	N/A	12X12	ON STORAGE BLDG. NOT CONNECTED TO DUCTWORK ^{(8) (13)}

REGISTER, LOUVER AND DIFFUSER SCHEDULE NOTES:

- ① MAXIMUM NC=25 • MAXIMUM CFM NOTED.
- 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 8" FROM FLOOR TO BOTTOM EDGE OF GRILLES.
- ⑦ BAKED ENAMEL FINISH TO MATCH ROOF COLOR OR COLOR AS DIRECTED BY ARCHITECT.
- ⑧ PROVIDE ALUMINUM BIRD SCREENS.
- ⑨ SET REGISTER BLADES FOR 15' UPWARD DEFLECTION.
- ⑩ SHEET METAL CONTRACTOR TO PROVIDE A TRANSIZE FROM 8" NECK TO 10" FLEX DUCT WHERE REQUIRED.
- ⑪ BLADE ORIENTATION SHALL BE HORIZONTAL
- ⑫ MAX. ACCEPTABLE FACE VELOCITY THROUGH NET FREE AREA: 500 FT/MIN.
- ⑬ FINISH COLOR AS DIRECTED BY ARCHITECT TO MATCH SURROUNDING FINISH

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DATE ORIGINAL SIGNED: Sep 07, 2016
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Stamp:

**Billings Sweet Grass Creek
Heritage 98
Billings Montana Stake**

Project for:

THE CHURCH OF
JESUS CHRIST
OF LATTER-DAY SAINTS

[illegible]

Project Number: 15047
Plan Series: HER-TRA-98-20
Property Number: 501-1850

Sheet Title:
**MECHANICAL
SCHEDULES**

Sheet:

M602