

ROOF TOP UNIT SCHEDULE																									
MARK	MFG#	MODEL	NOM. TONS	SUPPLY CFM	SUPPLY FAN H.P.	EXH. S.P.	O/A CFM	COOLING BTUH				HEATING BTUH				ELECTRICAL				REMARKS					
								COOLING TOTAL	COOLING SENSIBLE	HEATING INPUT	HEATING OUTPUT	SUPPLY ROOF OPENING	RETURN ROOF OPENING	COMP. NO.	COMP. RLA	FAN NO.	FAN FLA EA	VOLT	Ø		MCA	FUSE SIZE	E.E.R.	OPER. WEIGHT LBS	ZONE SERVED
RTU-1	LENNOX	LGH180H4B	15.0	8000	5.0	1.07	1700	172,400	134,500	390,000	298,000	61.5"x21.0"	61.5"x10.0"	3	40.5	4	9.8	208	3	71.0	90	12.0	2514	KITCHEN	A B C D E H J K L M N O P Q R S V W X
RTU-2	LENNOX	LGH180H4B	15.0	8000	5.0	1.07	1700	172,400	134,500	390,000	298,000	61.5"x21.0"	61.5"x10.0"	3	40.5	4	9.8	208	3	70.0	90	12.0	2514	DINING	A B C D E H J K L M N O P Q R S V W X Y
RTU-3	LENNOX	LGH180H4B	15.0	8000	5.0	1.07	1700	172,400	134,500	390,000	298,000	61.5"x21.0"	61.5"x10.0"	3	40.5	4	9.8	208	3	70.0	90	12.0	2514	BAR	A B C D E H J K L M N O P Q R S V W X Y

AIR DISTRIBUTION SCHEDULE									
MARK	MFG#	MODEL	FLOW RATE CFM	COOR. VEL. FPM	N.C. LEVEL	MODULE SIZE	NECK SIZE	MOUNTING TYPE	DESCRIPTION
CFM (A)	TITUS	PSS-AA	500	300	30	24x24	14"	LAY-IN	PERFORATED CLG. DIFFUSER
CFM (B)	TITUS	TMS-AA	500	300	30	24x24	10"	SURFACE	4-WAY FIXED COVER CLG. DIFFUSER
CFM (C)	TITUS	TMS-AA	500	300	30	24x24	8"	SURFACE	4-WAY FIXED COVER CLG. DIFFUSER
CFM (D)	TITUS	300RL	500	300	30	20x12	18x10	SURFACE	DOUBLE DEFLECTION REGISTER
CFM (E)	TITUS	50F	500	300	30	48x24	48x22	SURFACE	EGGCRATE RETURN GRILLE
CFM (F)	TITUS	50F	500	300	30	48x24	48x22	LAY-IN	EGGCRATE RETURN GRILLE
CFM (G)	TITUS	350FL	500	300	30	12x12	10x10	SURFACE	GRILLE
CFM (H)	TITUS	350FL	500	300	30	12x12	10x10	SURFACE	REGISTER
CFM (I)	TITUS	350FL	500	300	30	50x18	48x18	SURFACE	GRILLE
CFM (J)	TITUS	PAR-AA	500	300	30	24x24	14"	LAY-IN	PERFORATED CLG. DIFFUSER

OUTSIDE AIR REQUIRED					
ROOM USE	SQ. FT.	No. PEOPLE	CFM/PERSON	CFM/SQ. FT.	CFM REQ'D
BAR/NOONING	3002	-	-	0.18	540
BAR/NOONING	-	196	7.5	-	1470
TOTAL					2,010

OUTSIDE AIR PROVIDED			
UNIT No.	SUPPLY AIR	RETURN AIR	OUTSIDE AIR
RTU-1	6000	4450	1550
RTU-2	6000	4450	1550
RTU-3	6000	4450	1550
TOTAL	18000	13350	4650

OUTSIDE AIR QUANTITIES HAVE BEEN DETERMINED IN ACCORDANCE WITH THE 2012 INTERNATIONAL MECHANICAL CODE SECTION 403.3

ELECTRIC DUCT HEATER SCHEDULE (FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR.)										
MARK	MFG#	MODEL	SIZE	AIR VOLUME(CFM)	KW / STAGES	BTUH	ELECTRICAL VOLT	Ø	ZONE SERVED	REMARKS
DH-1	INDEECO	QUA-SLIP-IN	8"x8"	175	1.5 KW / 1 STAGE	4790	208	3	RESTROOMS	SEE NOTE 1, 2, 3 & 4

FAN SCHEDULE												
MARK	MFG#	MODEL	CFM	EXTERNAL STATIC PRESSURE INCHES W.G.	FAN SPEED (RPM)	TYPE	SERVING	ELECTRICAL			OPER. WEIGHT LBS	NOTES
								H.P.	VOLT	Ø		
EF-1	ACCUREX	XRUD-141-VG	1800	1.0	1439	CENT.	HOOD 1	1.0	120	1	128	1, 3, 5
EF-2	ACCUREX	XRUD-141-VG	2100	1.0	1546	CENT.	HOOD 2	1.0	120	1		
EF-3	GREENHECK	GB-091-4	600	.75	1435	CENT.	TOILETS	1/4	120			2, 6

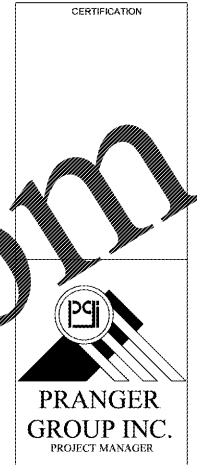
THERMOSTAT SET POINT SCHEDULE				
PERIOD	START TIME	HEATING	COOLING	FAN
OCCUPIED	7:00 AM	68°F	72°F	ON
UNOCCUPIED	2:00 AM	62°F	78°F	AUTO

AIR BALANCE SCHEDULE					
ZONE	KITCHEN	DINING	BAR		
MARK	SUPPLY AIR-CFM	RETURN AIR-CFM	OUTSIDE AIR-CFM	EXHAUST AIR-CFM	PRESSURE
RTU-1	6000	4450	1550	---	+1550
RTU-2	---	---	---	1800	-1800
RTU-3	---	---	---	2100	-2100
SUBTOTAL	6000	4450	1550	3800	-2100

ZONE	DINING	BAR		
MARK	SUPPLY AIR-CFM	RETURN AIR-CFM	OUTSIDE AIR-CFM	EXHAUST AIR-CFM
RTU-1	6000	4450	1550	---
RTU-2	---	---	---	450
RTU-3	---	---	---	450
SUBTOTAL	6000	4450	1550	+1050

MARK	SUPPLY AIR-CFM	RETURN AIR-CFM	OUTSIDE AIR-CFM	EXHAUST AIR-CFM	PRESSURE
RTU-1	6000	4450	1550	---	+1550
RTU-2	---	---	---	450	-450
RTU-3	---	---	---	450	-450
SUBTOTAL	6000	4450	1550	---	+1550

BUILDING TOTAL: 18000 SUPPLY AIR-CFM, 13350 RETURN AIR-CFM, 4650 OUTSIDE AIR-CFM, 4350 EXHAUST AIR-CFM, +300 PRESSURE



PROJECT NUMBER 5748

BUFFALO WILD WINGS
BIRMINGHAM
1416 4th AVENUE SOUTH,
BIRMINGHAM, AL 35233



NO.	DESCRIPTION	DATE
1		
2		
3		
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Drawing Title
MECHANICAL SCHEDULES

M103

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REFER TO ACCUREX DRAWINGS FOR KITCHEN HOOD & EXHAUST FAN SCHEDULES ON SHEETS H101, & H102.