

ROOFTOP UNIT SCHEDULE		REF	TYPE	LOCATION	ELECTRICAL					REMARKS
ELECTRICAL WIRE SIZE					V	?	HP	MCA	MOP	REMARKS
RTU1			PACKAGED	ROOF	600	3	-	9.3	15	N
RTU2, 3 & 4			PACKAGED	ROOF	600	3	-	14.9	20	N

MAKE UP AIR UNIT SCHEDULE		REF	TYPE	LOCATION	ELECTRICAL					REMARKS
ELECTRICAL WIRE SIZE					V	?	HP	MCA	MOP	REMARKS
MAU			PACKAGED	ROOF	600	3	3	42.5	50	N

BOILER SCHEDULE		REF	SERVICE	CONTROLS	REMARKS
ELECTRICAL WIRE SIZE				V	A
DHWB-1			DHW	120	
DHWB-2			DHW	120	
HMB-1			RADIANT/SM	120	
HMB-2			HEATING	120	

HEAT EXCHANGER SCHEDULE											
REF	HOT SIDE (WATER)				COLD SIDE (WATER)				WEIGHT (LBS)	LENGTH (IN)	WIDTH (IN)
	MBH (T)	LMT (T)	EW (T)	FLOW (GPM)	PP	LMT (T)	EW (T)	FLOW (GPM)			
HEX-01	-	140	170	65	5'	140	110	65	5'	-	-
HEX-02	-	160	180	50	5'	160	140	50	5'	-	-

PUMP SCHEDULE		REF	SERVICE	LOCATION	ELECTRICAL				REMARKS	
ELECTRICAL WIRE SIZE					HP	PH	V	PH		
P-11			DHW BACKUP	BASMENT	-	1.0	208	1	ARMSTRONG HB7, AL BRONZE (OR EQUIV)	
P-12			DHW BACKUP	BASMENT	-	1.0	208	1	ARMSTRONG HB7, AL BRONZE (OR EQUIV)	
P-13			DHW BACKUP	BASMENT	-	1.0	208	1	ARMSTRONG HB7, AL BRONZE (OR EQUIV)	
P-14			DHW BACKUP	BASMENT	-	1.0	208	1	ARMSTRONG HB7, AL BRONZE (OR EQUIV)	
P-15			COURTYARD HTG	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED, VFD	
P-16			COURTYARD HTG	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED, VFD	
P-17			RAD/SM BACKUP	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED	
P-18			RAD/SM BACKUP	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED	
P-19			RADIANT/SNOWMELT	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED	
P-20			RADIANT/SNOWMELT	BASMENT	-	1.5	208	3	ARMSTRONG 1-1/20 SERIES 1060, BRONZE FITTED	
P-21			COURTYARD RADIANT	BASMENT	2	208	3		SIZED BY RADIANT / SNOWMELT SUPPLIER	
P-22			COURTYARD RADIANT	BASMENT	2	208	3		SIZED BY RADIANT / SNOWMELT SUPPLIER	
P-23			SNOWMELT	BASMENT	2	208	3		SIZED BY RADIANT / SNOWMELT SUPPLIER	
P-24			SNOWMELT	BASMENT	2	208	3		SIZED BY RADIANT / SNOWMELT SUPPLIER	
P-25			DHW RECHRG	BASMENT	-	0.75	208	1	ARMSTRONG HB4, AL BRONZE (OR EQUIV)	

2#12-3/4" (20A-2P BRK)

VRF INDOOR UNITS SCHEDULE							VRF INDOOR UNITS SCHEDULE		
REF	ELECTRICAL					REMARKS	ELECTRICAL WIRE SIZE		
	RPM	kW	V	?	MCA			MOP	
AC-1	-	0.03	208	1	0.5	15	MITSUBISHI PEY-P06MNSU-E	AC-1	2#12-1/2".
AC-2	-	0.05	208	1	0.68	15	MITSUBISHI PEY-P12MNSU-E	AC-2	2#12-1/2".

VRF OUTDOOR UNITS SCHEDULE								VRF OUTDOOR UNITS SCHEDULE	
REF	ELECTRICAL					REMARKS		ELECTRICAL WIRE SIZE	
	RPM	KW	V	?	MCA				
OU-1, 2, 3	-	6.26	208	3	44	60	MITSUBISHI PURY-HP72TKU-A-H	OU-1, 2, 3	3#8-1" (60A-3P BRK)

VRF BC CONTROLLER SCHEDULE							VRF BC CONTROLLER SCHEDULE
REF				REMARKS			ELECTRICAL WIRE SIZE
	V	?	MCA	MOP			
BC-1, 2, 3	208	1	1.08	15	MITSUBISHI OMB-P1013NU-G		BC-1, 2, 3
							2#12-1/2". (15A-2P BRK)

ALL LIGHT SWITCHES TO BE MOUNTED 1100mm AFT - 7" TAKEN FROM TOP OF FINISH FLOOR LEVEL, 747" TO CENTER OF OUTLET BOX.
ALL F/A FILL STATIONS TO BE MOUNTED 1200mm AFT - 7" TAKEN FROM TOP OF FINISH FLOOR LEVEL, 747" TO CENTER OF OUTLET BOX.
EXACT LOCATION OF EQUIPMENT TO BE DETERMINED BY COORDINATION WITH MECHANICAL.
ALL ENTRY CONDUIT TO BE C/W FULL ROPS.
GENERAL NOTES:

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ALL ENTRY CONDUIT TO BE C/W FULL ROPS.
GENERAL NOTES:

QUADRANT
DESIGNATION LIMITED, CONSULTING ENGINEERS
11000 W. 11TH AVE., SUITE 200, DENVER, CO 80202
TEL: (303) 557-1487 FAX: (303) 557-1483
E-MAIL: info@quadrantengineering.co

04 JULY 20/15	ISSUED FOR PERING	RE
04 JUN 22/15	PROGRESS ISSUE	RE
03 JUN 02/15	ISSUED FOR REVIEW	RE
02 APR 10/15	RE-ISSUED FOR PERMIT	RE
01 DEC 23/14	ISSUED FOR PERMIT	RE
DATE	REVISION	BY

S.J. LAWRENCE
ARCHITECT INCORPORATED
28 Parkview Sq, Suite 200, Cherry Creek, CO 80246
TEL: (303) 733-7777 FAX: (303) 733-7778
E-MAIL: sjlawrence@sjlawrence.com

DATE	REVISION	BY
MARK 14	ISSUED FOR PERMIT	RE
AS NOTED	MARKED 18, 2014	RE

SOUTHWAY INN
RETRO-FIT
RETIREMENT HOME

JOB NO. 106114-023

MECHANICAL
EQUIPMENT LIST

E28