



PHILLIPS

Phone **770.394.1616** Fax **770.394.1314**

CONSULTANT



PHILLIPS
NORTH TERRACES
400 PERIMETER CENTER TERRACE
SUITE 650
ATLANTA, GA 30346

SEAL

ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
	07/07/14	BID SET

This document is the property of Phillips Partnership, PC and is intended as a guide only. It is not to be used for construction without the written consent of Phillips Partnership, PC.

PROJECT

**SPRINGS AT
FREMAUX
TOWN CENTER**
SLIDELL, LA

CLIENT

CONTINENTAL PROPERTIES
CONTINENTAL 294 FUND LLC
W134 N6675 EXECUTIVE PARKWAY
MEMPHIS, TN 38117
282.502.5500 * FAX 282.502.5522

PHILLIPS JOB NUMBER 1333104

ISSUE DATE 07/07/14

DRAWN BY/CHECKED BY PEM

DRAWING TITLE

**MECHANICAL
SCHEDULES - UNITS**

SHEET NUMBER

M6.01

NORTH TERRACES
400 PERIMETER CENTER TERRACE
SUITE 650
ATLANTA, GEORGIA 30346

AIR HANDLING UNIT DATA

MARK	MANUFACTURER	NOMINAL TONS OF CU (MBH)	TOTAL COOLING LOAD (MBH)	SENSIBLE COOLING LOAD (MBH)	AIR HANDLING UNIT DATA													CONDENSING UNIT DATA						SERVES LIVING UNIT TYPES	COMMENTS		
					AHU & AC MODEL NUMBER	CONFIGURATION	DIMENSIONS Wx D x H	SUPPLY AIR (CFM)	EXTERNAL STATIC PRESSURE (In. WC)	ENTERING AIR DRY BULB	ENTERING WET BULB	EVAPORATOR FAN HP	EVAPORATOR VOLT/PHASE	ELECTRIC HEAT LOAD (MBH)	ELECTRIC HEAT LOAD KW @ 240 VOLTS	ELECTRIC HEAT VOLT/PHASE/STAGE	MCA	MOCOP	FLA	MODEL NUMBER	VOLTS/PHASE	MCA	MOCOP			RLA	SEER
AHU-1D/CU-1D	GOODMAN	1.2	14,700	14,500	AWUF-18	FRONT RETURN	21x17x36	595	0.5	76.4	63.9	0.20	240/1	8.7	3	240/1/1	15.1	20	1.30	GSX13-018	240/1	9.1	15	6.7	13	1DC, 1DC FHA, 1DC ADA, 1DO	1 THRU 9
AHU-1G/CU-1G	GOODMAN	1.6	18,800	18,400	AWUF-24	FRONT RETURN	24x21x36	760	0.5	76.8	65.5	0.20	240/1	11.0	5	240/1/1	26.7	30	1.30	GSX13-024	240/1	17.6	30	13.5	13	1GC, 1GC FHA, 1GO	1 THRU 9
AHU-2D/CU-2D	GOODMAN	1.8	22,100	21,600	AWUF-24	FRONT RETURN	24x21x36	760	0.5	76.9	65.5	0.20	240/1	13.2	5	240/1/1	26.7	30	1.35	GSX13-024	240/1	17.6	30	13.5	13	2GC, 2GC FHA, 2GC ADA, 2GO	1 THRU 9
AHU-2G/CU-2G	GOODMAN	1.6	18,900	18,300	AWUF-18	FRONT RETURN	21x17x36	595	0.5	77.2	65.4	0.20	240/1	12.4	5	240/1/1	26.7	30	1.35	GSX13-018	240/1	9.1	15	6.7	13	2DO, 2DO FHA, 2DO ADA	1 THRU 9
AHU-3G/CU-3G	GOODMAN	1.9	22,500	21,800	AWUF-24	FRONT RETURN	24x21x36	760	0.5	77.1	65.5	0.20	240/1	14.5	6	240/1/1	39.7	40	1.35	GSX13-024	240/1	17.6	30	13.5	13	3GO	1 THRU 9
AHU-S/CU-S	GOODMAN	0.7	8,600	8,300	AWUF-18	FRONT RETURN	21x17x36	595	0.5	77.0	65.1	0.20	240/1	6.4	3	240/1/1	15.1	20	1.30	GSX13-018	240/1	9.1	15	6.7	13	1SC, 1SC FHA, 1SC ADA, 1SO	1 THRU 9

- EXTERNAL STATIC PRESSURE EXCLUDES LOSSES DUE TO AHU CASING, DIRT ON FILTERS AND WET COIL.
- PROVIDE MANUFACTURERS 7 DAY PROGRAMMABLE THERMOSTAT.
- 95°F OUTSIDE AIR AMBIENT AT CU
- COOLING LOADS EXCLUDE EVAPORATOR FAN HEAT.
- PROVIDE WITH 5 MINUTE TIME DELAY TO PREVENT COMPRESSOR SHORT CYCLING.
- WIRE AHU FAN AT HIGH SPEED TO ACHIEVE STATED AIR FLOWS.
- PROVIDE SYSTEM WITH R-410A TYPE REFRIGERANT.
- PROVIDE AHU WITH SINGLE POINT ELECTRICAL POWER CONNECTION INCLUDING HEATER AND FACTORY DISCONNECT.
- PROVIDE ACCESSORIES FROM MANUFACTURER SUCH AS THERMAL EXPANSION VALVES AS REQUIRED TO MEET THE EFFICIENCIES STATED ABOVE AND FOR A COMPLETE AND OPERABLE SYSTEM.

LOADS ARE BASED ON: 75°F INDOOR TEMPERATURE IN THE SUMMER 72°F INDOOR TEMPERATURE IN THE WINTER AT 99°F SUMMER, 9°F WINTER	LOADS ARE BASED ON: R-19 WALL INSULATION. R-30 INSULATION ABOVE GARAGES. R-38 ROOF INSULATION.
AIR TEMPERATURE OUT OF REGISTERS: 56°F SUMMER 90°F WINTER	LOADS ARE BASED ON: WINDOW U-VALUE OF 0.50 WINDOW SHGC OF 0.30

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	ACFM	STATIC PRESSURE (In. WG)	DRIVE	WATTS	VOLTS/PHASE/CYCLES	MOUNTING	MAXIMUM SONES ALLOWED	SERVES SPACES	COMMENTS
EF-1	NUTONE	695	50	0.30	DIRECT	1.4 AMPS	120/1/60	WALL	6	LIVING UNIT BATHROOMS	SEE NOTES: 1, 2 & 3
EF-2	GREENHECK	SP-B125	100	0.25	DIRECT	53	120/1/60	CEILING	1.3	MAINTENANCE RESTROOM	SEE NOTES: 1, 2 & 3
EF-3	GREENHECK	SP-A390	300	0.25	DIRECT	195	120/1/60	CEILING	4.5	MAINTENANCE AREA	SEE NOTES: 1, 2 & 3

- PROVIDE WITH UNIT MOUNTED DISCONNECT.
- PROVIDE WITH WHITE OR OFF-WHITE GRILLE.
- PROVIDE WITH BACKDRAFT DAMPER.
- PROVIDE WITH INTEGRAL POSITIVE PRESSURE SWITCH WITH DELAY-ON BREAK TIMER CYCLE INTERVALS OF 10 MINUTES UNTIL DRYER CYCLE IS COMPLETE.

ELECTRIC BASEBOARD HEATER SCHEDULE

PLAN MARK	MANUFACTURER	MODEL No.	CAPACITY (BTUs)	VOLTS	PHASE	CYCLES	WATTS	ENCLOSURE (H x D x L)	INTEGRAL TSTAT	SERVICE	COMMENT
EBB-1	BERCO	2512W	1,365	120	1	60	400	6-3/4" x 2-13/16" x 24"	YES	UNIT STAIRWELL	PROVIDE WITH MOUNTING KIT
EBB-2	BERCO	2513W	2,559	120	1	60	750	6-3/4" x 2-13/16" x 36"	YES	FIRE RISER ROOM	PROVIDE WITH MOUNTING KIT

PACKAGED TERMINAL AIR CONDITIONER SCHEDULE (HEAT PUMP)

PLAN MARK	MANUFACTURER	MODEL No.	WEIGHT (Lbs.)	TOTAL (ACFM)	OAS (ACFM)	HEATING	COOLING	VOLTS/PHASE/CYCLES	kW	AMPS	MCA	MOCOP	SERVICE	COMMENTS
PTAC-1	AMANA	PTH-093G	112	290	100	YES	YES	240/1/60	5.0	22.1	27.5	30	MAINTENANCE BUILDING	PROVIDE WITH POWER CORD

WALL VENT CAP SCHEDULE

PLAN MARK	MANUFACTURER	MODEL No.	SIZE (INCHES)	DUCT CONNECTION (INCHES)	MOUNTING LOCATION	FINISH	COMMENT
WC-1	SEIHO	SX4	4" DIA	4" DIA	EXTERIOR WALL	PER ARCHITECT	VENT
WC-2	SEIHO	SX6	6" DIA	6" DIA	EXTERIOR WALL	PER ARCHITECT	VENT

GRILLE AND DIFFUSER SCHEDULE

PLAN MARK	MANUFACTURER	SERIES	OSD	MOUNTING	COLOR	MATERIAL	COMMENT
S	METAL-AIRE	100M	YES	CEILING	SEE NOTE 5	STEEL OR ALUMINUM	SEE NOTES: 1, 2, 3, & 4
R	METAL-AIRE	1400	YES	WALL	SEE NOTE 5	STEEL OR ALUMINUM	SEE NOTES: 1, 2, 3, & 4

- SEE HVAC PLANS FOR SIZE AND CFM.
- 4 WAY UNLESS NOTED OTHERWISE ON PLANS BY ARROWS.
- MAXIMUM PRESSURE DROP OF .06 IN. WC.
- TRANSITION ROUND FLEXIBLE OR RECTANGULAR RIGID DUCTWORK TO DIFFUSERS IF REQUIRED.
- CONSULT ARCHITECT FOR REQUIRED COLOR.
- PROVIDE AND COORDINATE RADIATION DAMPERS WITH MODEL AND UNIT CONSTRUCTION.