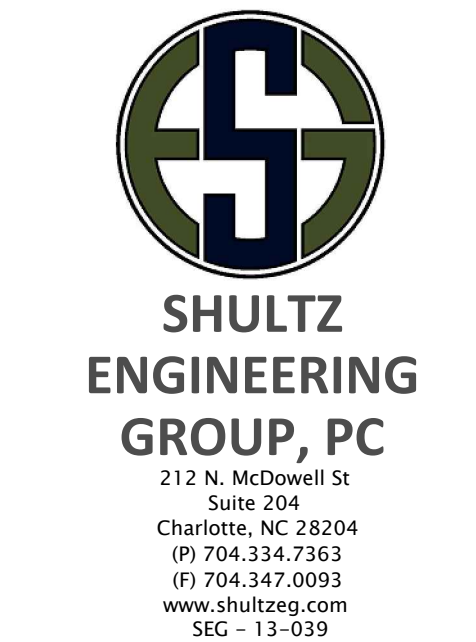


SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE																			
UNIT NO.	LOCATION	AREA SERVED	SUPPLY – FAN DATA					COOLING CAPACITY		AUX. HEATER		REFRIG. LINES		ELECTRICAL DATA			WEIGHT (LBS.)	TRANE MODELS AH/HP	NOTES
			TOTAL CFM	MIN. O.A. CFM	MIN.EXT. S.P. (N.W.G)	FAN RPM	MOTOR H.P.	TOTAL B.T.U.H	SENSIBLE B.T.U.H.	KW # STEPS	VOLT/PH	SUCTION	LIQUID	VOLT/PH	MCA	MOCP			
AHU–1 HP–1	SEE PLANS	SEE PLANS	3000	450	0.50	MFR	1.5	96,000	MFR	26.20/2	208/3ø	MFR	MFR	208/3 208/3	32.5 21	35 35	325 250	GAM5A0B30 (2) 4TWA3048	1–9
AHU–2 HP–2	SEE PLANS	SEE PLANS	3000	450	0.50	MFR	1.5	96,000	MFR	26.20/2	208/3ø	MFR	MFR	208/3 208/3	45.7 21	50 35	325 250	GAM5A0B30 (2) 4TWA3048	1–9
AHU–3 HP–3	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–4 HP–4A,4B	SEE PLANS	SEE PLANS	1000	150	0.50	MFR	1/3	30,000	MFR	5.76/1	208/1ø	MFR	MFR	208/1 208/3	38 11	40 15	135 205	GAM5A0B30 4TWA3030	1–9
AHU–5 HP–5A,5B	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–6 HP–6	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–10
AHU–7 HP–7	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–8 HP–8	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	3.60/1	208/1ø	MFR	MFR	208/1 208/3	31 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–9 HP–9	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–10 HP–10	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
AHU–10 HP–10	SEE PLANS	SEE PLANS	2000	300	0.50	MFR	1	60,000	MFR	10.80/1	208/3ø	MFR	MFR	208/1 208/3	34 24	35 40	175 265	GAM5A0C60 4TWA3060	1–9
<div>NOTES:</div> <div>1. HEAT PUMP UNITS SHALL BE MINIMUM 13.0 SEER</div> <div>2. INDOOR UNIT: MCA & MOCP ARE FOR SINGLE POINT POWER CONNECTIONS</div> <div>3. PROVIDE MERV–12 FILTERS AT ALL AIR HANDLING UNITS. PROVIDE MERV–7 PRE–FILTERS AT ALL UNIT THAT EXCEED 3000 CFM.</div> <div>4. SECONDARY DRAIN PAN WITH FLOAT SWITCH</div> <div>5. OUTDOOR AIR VOLUME MEETS THE REQUIREMENTS OF ASHRAE STANDARD 62–2004</div> <div>6. PROVIDE MANUFACTURERS AUTOMATIC CHANGEOVER HEAT/COOL THERMOSTAT. PROVIDE WITH LOCKING COVER.</div> <div>7. DISCONNECT SWITCHES BY E.C.</div> <div>8. PLENUM RATED CONDENSATE PUMP</div> <div>9. PROVIDE VIBRATION ISOLATION AND INSULATED RETURN ELBOWS FOR EACH AIR HANDLER</div> <div>10. PROVIDE AIR HANDLING UNITS WITH FOIL–FACED FIBERGLASS INSULATION OR CLOSED–CELL ELASTOMERIC INSULATION.</div>																			

FAN SCHEDULE	
FAN EF–1 GREENHECK MODEL SP–B90 CEILING CABINET FAN 25 CFM @ 0.375" ESP; 50 WATTS; 555 FRPM; 120V/60/1ø; 2.0 SONES; WEIGHT = 11 LBS WITH: ① ② ⑥ ⑦ ⑩ SET FANS IN GUESTROOM BATHROOMS FOR CONTINUOUS OPERATION	FAN EF–2 GREENHECK MODEL SP–B90 CEILING CABINET FAN 50 CFM @ 0.375" ESP; 50 WATTS; 664 FRPM; 120V/60/1ø; 2.5 SONES; WEIGHT = 11 LBS WITH: ① ② ⑤ ⑥ ⑦ ⑩ TOILET FANS NOT IN GUESTROOMS OPERATE VIA WALL SWITCH
FAN EF–3 GREENHECK MODEL SP–A390 CEILING CABINET FAN 200 CFM @ 0.375" ESP; 135 WATTS; 967 FRPM; 120V/60/1ø; 2.1 SONES; WEIGHT = 25 LBS WITH: ① ② ⑥ ⑧ ⑩ ⑫	FAN EF–4 GREENHECK MODEL SP–A390 CEILING CABINET FAN 250 CFM @ 0.375" ESP; 135 WATTS; 967 FRPM; 120V/60/1ø; 2.1 SONES; WEIGHT = 25 LBS WITH: ① ② ⑥ ⑧ ⑩ ⑫
ACCESSORIES: ① BACKDRAFT DAMPER ② DISCONNECT SWITCH ③ ROOF CURB ④ BIRD SCREEN ⑤ WALL SWITCH BY EC. ⑥ VIBRATION ISOLATION ⑦ HOODED WALL CAP WC–6 ⑧ HOODED WALL CAP WC–8 ⑨ BRICK VENT ⑩ SPEED CONTROLLER ⑪ CO MONITOR CONTROL ⑫ THERMOSTAT CONTROL ⑬ TIMECLOCK CONTROL (BY MC) ⑭ FAN SHALL BE CONTROLLED VIA BUILDING CONTROL SYSTEM. ⑮ INTERLOCK WITH LIGHTS ⑯ OCCUPANCY SENSOR ⑰ ALUMINUM BIRDSCREEN ⑱ ROOF CAP MODEL RJ–6x9 NOTES: 1. WEIGHT LISTED DOES NOT INCLUDE ACCESSORIES. 2. ROOF CURB SHALL MATCH ROOF PITCH	

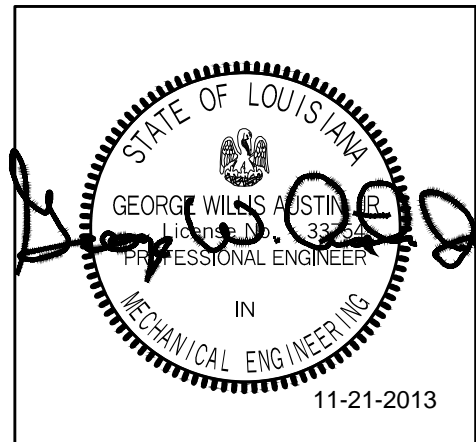
DIFFUSER SCHEDULE											
TAG	SERVICE	CFM	NECK SIZE	FRAME TYPE	PATTERN	DAMPER	MATERIAL	FINISH	MFG & MODEL No.	TYPE	NOTES
Ⓐ	SUPPLY	AS NOTED	AS NOTED	LAY–IN	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	LOUVER FACE	1
Ⓑ	RETURN	AS NOTED	AS NOTED	LAY–IN	NA	NO	STEEL	NOTE 2	NAILOR MODEL 4360	PERFORATED	1
Ⓒ	EXHAUST	AS NOTED	AS NOTED	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 61EC	EGGCRATE	1
Ⓓ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6550	LOUVER FACE WITH ADJUSTABLE CORE	1
Ⓔ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	12x12 PANEL – LOUVER FACE	1
Ⓕ	RETURN	AS NOTED	AS NOTED	LAY–IN	NA	NO	ALUMINUM	NOTE 2	NAILOR MODEL 51FE	EGGCRATE FILTER GRILLE	1
Ⓖ	RETURN	AS NOTED	AS NOTED	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 4360	PERFORATED	1
Ⓗ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	YES	STEEL	NOTE 2	NAILOR MODEL 5010	LINEAR SLOT DIFFUSER (1" SLOTS)	1, 3, 4
①	OA SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINUM	NOTE 2	AMERICAN ALDES MODEL CSR–R–II	CONSTANT SUPPLY GRILLE FOR ROUND DUCT ATTACHMENT	1
ⓐ	SUPPLY	AS NOTED	AS NOTED	SURFACE	4 WAY	YES	STEEL	NOTE 2	NAILOR MODEL 6500	LOUVER FACE	1
Ⓚ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 5310I	LINEAR SLOT DIFFUSER 60" LONG, 3 SLOTS (1" SLOTS)	1
Ⓛ	SUPPLY	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 51DV	DOUBLE DEFLECTION GRILLE	1
Ⓜ	RETURN	AS NOTED	AS NOTED	SURFACE	NA	NO	ALUMINIUM	NOTE 2	NAILOR MODEL 5155H	FIXED DEFLECTION RETURN GRILLE	1
⊥	TRANSFER	18x18	NA	SURFACE	NA	NO	STEEL	NOTE 2	NAILOR MODEL 61DGD	SIGHT PROOF DOOR RETURN AIR GRILLE	1
NOTES: 1. DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS: <div>DIFFUSER OR NECK SIZE AIR QUANTITY → 12x12 333 Ⓒ ← DIFFUSER TYPE AS NOTED ABOVE</div> 2. COLOR AS DIRECTED BY ARCHITECT 3. PROVIDE NUMBER OF 1" SLOTS TO ACHIEVE 50 CFM/FOOT 4. PROVIDE WITH LINED PLENUM FROM FACTORY											

DUCTLESS SPLIT-SYSTEM EQUIPMENT	
2.0–TON UNIT	
DAHU–1	WALL–MOUNTED AIR HANDLING UNIT MITSUBISHI MODEL PKA–A24KA4 (INDOOR AIR HANDLING UNIT)
DCU–1	MITSUBISHI MODEL PUY–A24NHA (OUTDOOR CONDENSING UNIT)
2 TON NOMINAL COOLING–ONLY UNIT, 700 CFM (HI WITH WET COIL); RATED COOLING=24,000 BTUH @80/67°F INDOOR AND 95°F/75°F OUTDOOR, MINIMUM CAPACITY=12,000 BTUH, TOTAL INPUT=2,250 W, SEER=17.0, POWER SUPPLY 208/230V/1/60, CONTROL VOLTAGE = 24V. INDOOR UNIT: WALL MOUNTED UNIT, MCA=1.0, FLA=0.36, PROVIDE WITH WALL–MOUNT, WIRED THERMOSTAT. WEIGHT 46 LBS. OUTDOOR UNIT: GROUND–MOUNTED UNIT, MCA=18.0, MOCP=30. WEIGHT 163 LBS. R–410A REFRIGERANT, 100 FOOT MAX LINE LENGTH. PROVIDE MICROFLOAT SWITCH IN CONDENSATE DRAIN PAN FOR UNIT SHUTDOWN AT FAILURE OF PRIMARY CONDENSATE DRAIN.	
1.5–TON UNIT	
DAHU–2	WALL–MOUNTED AIR HANDLING UNIT MITSUBISHI MODEL PKA–A18GAL (INDOOR AIR HANDLING UNIT)
DCU–2	MITSUBISHI MODEL PUY–A18NHA (OUTDOOR CONDENSING UNIT)
1.5 TON NOMINAL COOLING–ONLY UNIT, 380 CFM (HI WITH WET COIL); RATED COOLING=18,000 BTUH @80/67°F INDOOR AND 95°F/75°F OUTDOOR, MINIMUM CAPACITY=8000 BTUH, TOTAL INPUT=2240W, SEER=14.1, POWER SUPPLY 208/230V/1/60, CONTROL VOLTAGE = 24V. INDOOR UNIT: WALL MOUNTED UNIT, MCA=1.0, FLA=0.33, PROVIDE WITH WALL–MOUNT THERMOSTAT. WEIGHT 35 LBS. OUTDOOR UNIT: ROOF–MOUNTED UNIT, MCA=13.0, MOCP=20, FAN MOTOR FLA=0.35, FAN MOTOR OUTPUT=40W. WEIGHT 97 LBS. R–410A REFRIGERANT, 100 FOOT MAX LINE LENGTH. PROVIDE MICROFLOAT SWITCH IN CONDENSATE DRAIN PAN FOR UNIT SHUTDOWN AT FAILURE OF PRIMARY CONDENSATE DRAIN.	



REVISIONS		
No.	Date	Description

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KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

5400 I-20 & Frontage Rd.
Monroe, LA 71201

Drawing Title
Mechanical HVAC Schedules

Phase
FOR CONSTRUCTION

Project No.	12-111	Sheet No.	M101
Prepared by	CDC		
Checked by	GWA		
Date	September 16, 2013		

Released for

Hampton Inn and Suites