SUMNER RESIDENCE

SPECIFICATIONS (UNIT #1)	
SPLIT HT PUMP (TRANE OR EQUAL)	4TWR5049/TAM7A0C48
AUX HT	10
NOMINAL TONS	4
DESIGN CFM	1600
COOLING CAPACITY, BTUH	48100
HTING CAPACITY, BTUH @ 47 F	44500
EXTERNAL STATIC, IN WG	0.30
V/PH/HZ (CU)	208-230/1/60
MCA/MOCP (CU)	28/50
V/PH/HZ (AH)	240/1/60
CIRCUIT BKR (AH)	55/60

GENERAL NOTES

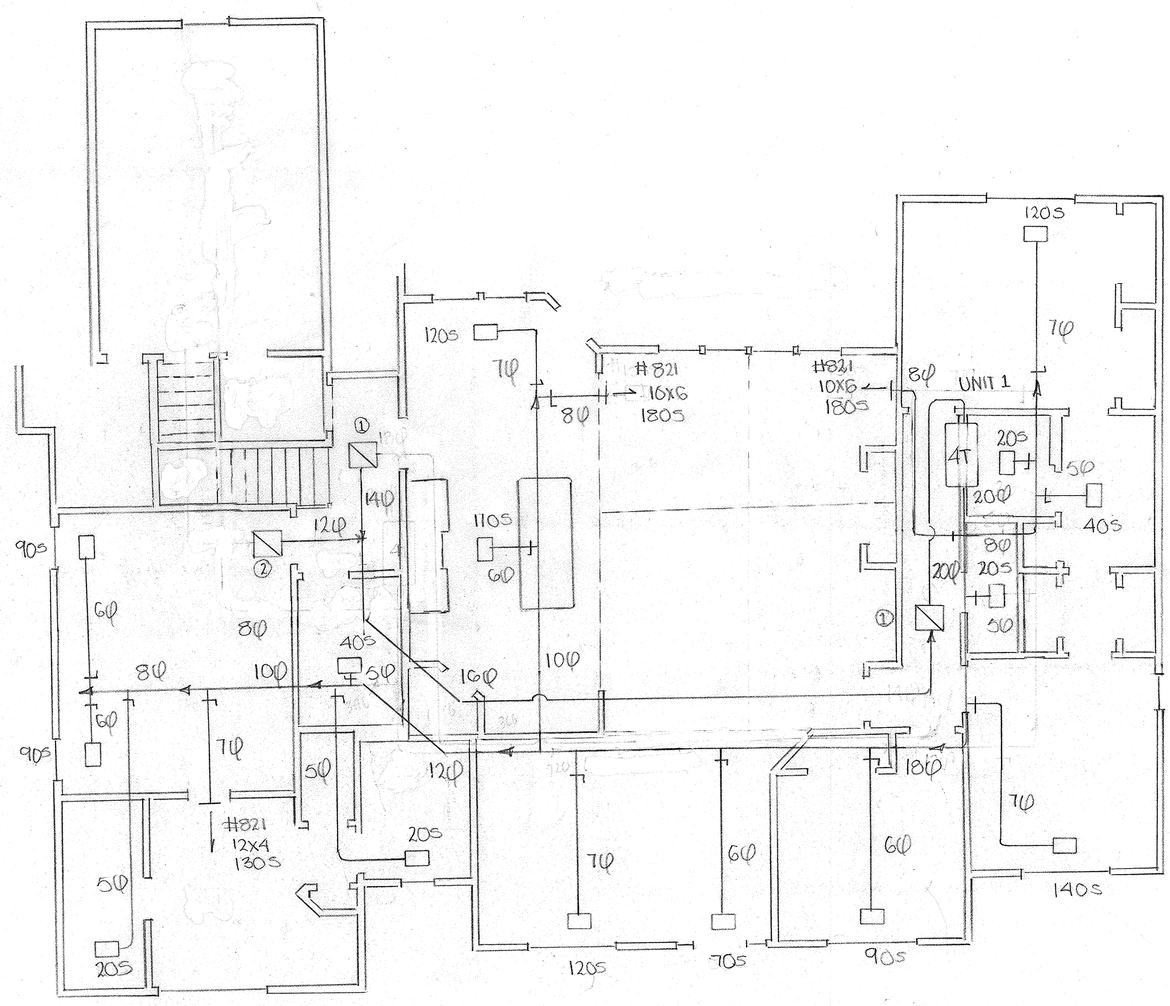
1. **All duct dimensions indicate clear inside opening: 26 GA. minimum for duct larger than 14" or 28 GA. Minimum for duct smaller than 14"**
2. **Provide all necessary duct transitions to and from all air moving equipment**
3. **Co-ordinate exact location of ceiling diffusers and registers with architect ceiling plan and electrical lighting**
4. **Contractor to field verify all ductwork sizing and routing with building contractor prior to fabrication**
5. **Screw and tape all duct joints; screw and caulk all take-offs**
6. **Wrap all ductwork with R-8 foilback ductwrap insulation**
7. **All registers shall be Hart & Cooley or equivalent; style and size as indicated**
8. **Provide flexible connectors at supply and return ducts at units**
9. Install all systems in compliance with local, state, and national codes
10. **Mechanical contractor to install refrigerant lines in accordance to manufacturer's data and to provide outdoor unit concrete pads.**
11. **Provide vibration isolators and condensate pan with drain for AHU**
12. **HVAC Contractor to coordinate and verify all unit specifications and electrical requirements prior to purchase of equipment and installation**

CEILING SUPPLY REGISTER SCHEDULE

HART & COOLEY #683 CEILING DIFFUSERS

8x4	**10 – 50 CFM**
10x6	**60 – 110 CFM**
12x6	**115 -140 CFM**
14x6	**150 - 180 CFM**
14x8	**190 - 240 CFM**

UNLESS NOTED



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REVISIONS	BY

SUMNER RESIDENCE
1779 MEDDERS ROAD
SLYVESTER, GA

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SCALE	
JOB NO.	
SHEET	**M1**
OF	SHEETS