

**SMITH DESIGN GROUP, INC.**

307 Church Street Suite B  
LaGrange, Georgia 30240  
Phone (706) 882-5511 Fax (706) 883-7777

Long Cane Fire Station

Mechanical – Bid Package No. 4

June 22, 2011

Architect's Project No. 1009

June 22, 2011

**ADDENDUM NUMBER ONE**

The Bidding Documents are modified as follows:

**PART 1.00 DRAWINGS**

- 1.01 Drawing M1-2
- A. Replace with attached drawings ADD 1-1A
- 1.02 Drawing M2-1
- A. Replace with attached drawings ADD 1-2A
- 1.03 Drawing M2-2
- A. Replace with attached drawing ADD 1-3A

**PART 2.00 PROJECT MANUAL**

**NO ITEMS INCLUDED**

**PART 3.00 ADDENDA**

**NO ITEMS INCLUDED**

**PART 4.00 – APPROVED MANUFACTURERS**

**NO ITEMS INCLUDED**

**PART 5.00 – ATTACHMENT**

- 5.01 Drawing ADD 1-1A
- 5.02 Drawing ADD 1-2A
- 5.03 Drawing ADD 1-3A

**PART 6.00 – GENERAL CLARIFICATIONS**

**NO ITEMS INCLUDED**

**END OF ADDENDUM NUMBER ONE**

AD1-1\*

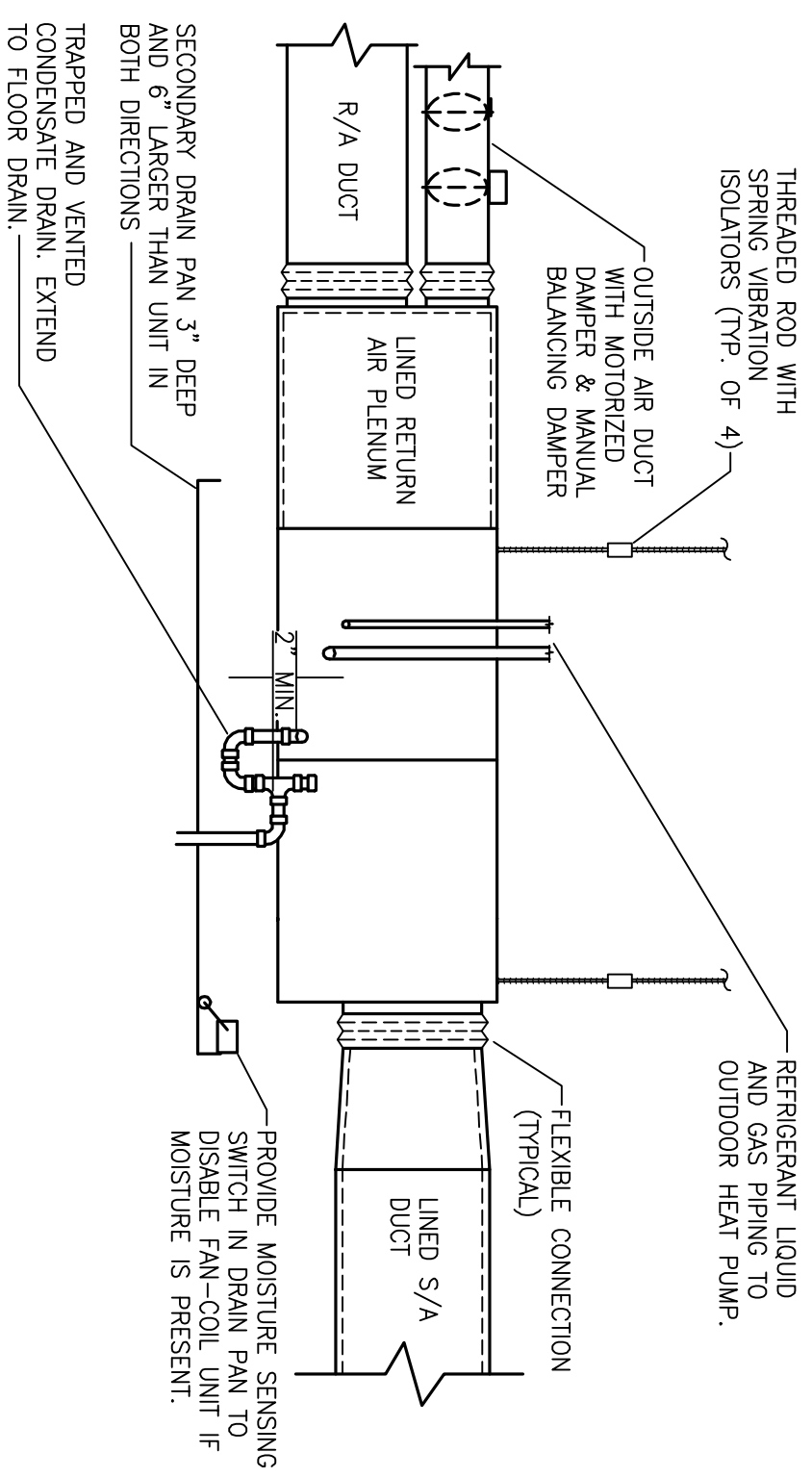
SPLIT SYSTEM AIR CONDITIONING UNITS															
INDOOR UNIT					OUTDOOR UNIT										
BLOWER DATA			COOLING DATA			HEATING DATA			FURNACE MODEL						
SYMBOL	SUPPLY MIN. O.A. CFM	E.S.P. IN. W.G.	MAX. HP	TOTAL SENS. MBH	EV. T. DB	REFRIG. HEAT AT 47°F. A.B. INPUT (Q <sub>AB</sub> ) MBH	COIL MODEL	SWABO	AMBIENT AIR TEMP.	SEER	MODEL				
GF-1	1400	250	1.00	3/4	40.0	28.9	80	67	80	CARRIER 38AW90B-20	CARRIER COP4P4221	CU-1	95°F	18.5	CARRIER 24AAV.136
GF-2	6300	600	0.80	5	-	-	-	-	300	CARRIER 38AW90B-20	CARRIER COP4P4221	CU-1	95°F	18.5	CARRIER 24AAV.136

FANS											
MARK	SERVICE	TYPE	CFM	ESP IN. W.G.	MAX. HP	MAX. H.P. REQ.	MAX. H.P.	DRIVE	MAX. CONTROLLED	MODEL	REMARKS
F-1	(NOT USED)										
F-2	(NOT USED)										
F-3	VENTILATION	WALL PROP	9000	0.25	700	1.5	BELT	17.5	SEE SPECIFICATIONS	COOK AMB-36A8B	
F-4	VENTILATION	WALL PROP	9000	0.25	700	1.5	BELT	17.5	SEE SPECIFICATIONS	COOK AMB-36A8B	

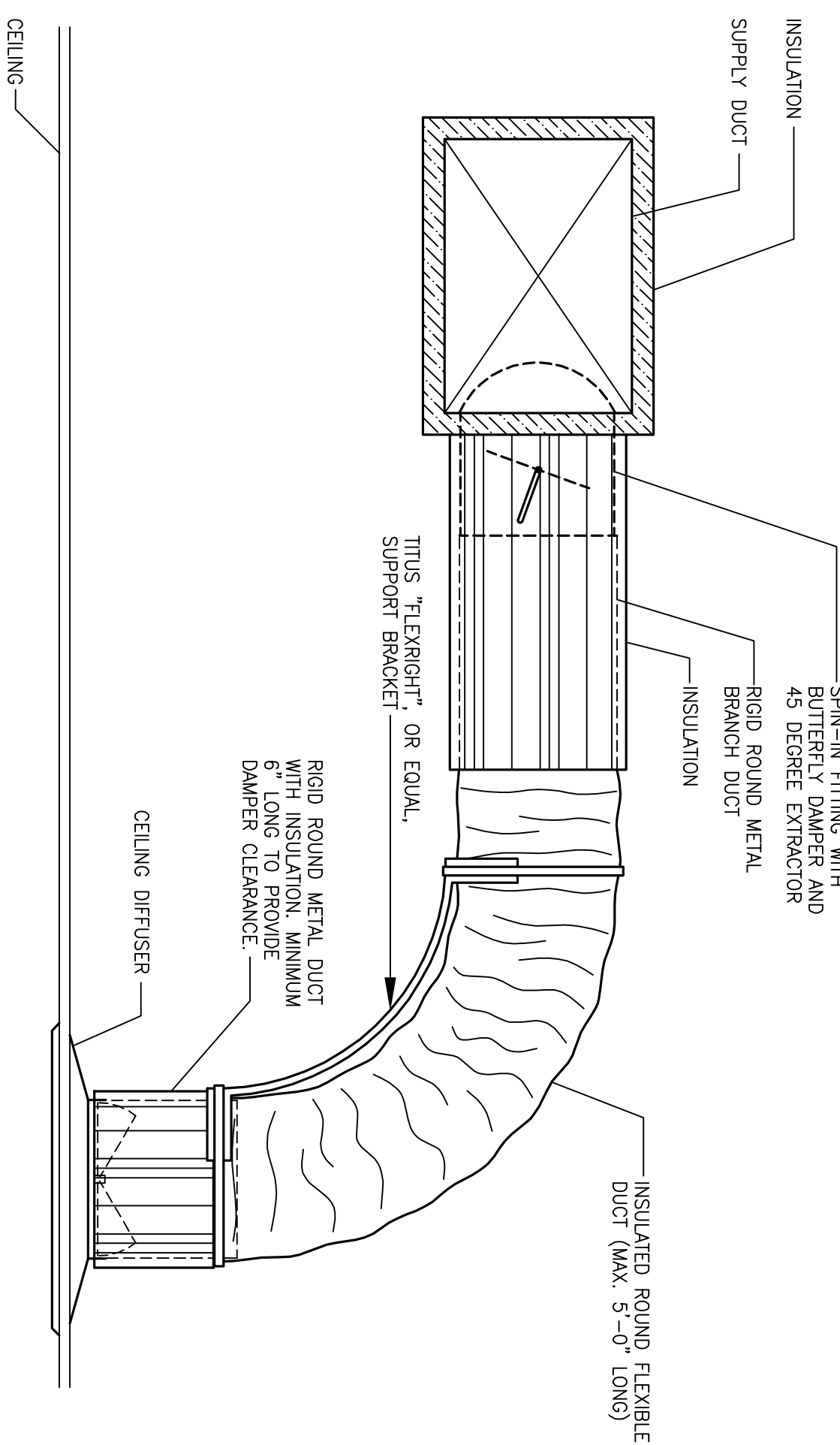
AIR DISTRIBUTION DEVICES									
MARK	TYPE	NECK SIZE	ØBD	FINISH	MODEL	REMARKS			
A	CEILING DIFFUSER	6"	YES	OFF-WHITE	TITUS TDC, SIZE 6X6, BORDER 6				
B	CEILING DIFFUSER	8"	YES	OFF-WHITE	TITUS TDC, SIZE 9X9, BORDER 6				
C	RETURN AIR GRILLE	10"	YES	OFF-WHITE	TITUS 50F, SIZE 12X12				
D	RETURN AIR GRILLE	14"	YES	OFF-WHITE	TITUS 50F, SIZE 20X20				
E	FRESH AIR INLET GRILLE	60/60	NO	OFF-WHITE	TITUS 30RL				
F	RETURN AIR GRILLE	42X42	NO	OFF-WHITE	TITUS 50F				
G	SPRAL DUCT SUPPLY REGISTER	24X12	YES	OFF-WHITE	TITUS S300FS-ASD				
H	SIDEWALL SUPPLY REGISTER	10X6	YES	OFF-WHITE	TITUS 27ZRS				
I	FRESH AIR INTAKE GRILLE	10"	NO	OFF-WHITE	TITUS 50F, SIZE 14X14				
J	EXHAUST REGISTER	8"	YES	OFF-WHITE	TITUS 50F, SIZE 12X12				

ENERGY RECOVERY UNIT											
MARK	O/A CFM	O/A SP (W/G)	O/A BLOWER HP	EXH CFM	EXH SP (W/G)	EXH BLOWER HP	LINEAL EFFECTIVENESS SENSIBLE	COOLING DATA TOTAL CAPACITY GPM	HEATING DATA HEATER KW	MODEL	REMARKS
ERV-1	250	0.50	1/2	250	0.50	1/2	85%	85%	-	COOK ERV-500	DIRECT DRIVE

PROVIDE UNIT WITH VARIABLE SPEED CONTROLLERS FOR BALANCING OF AIR FLOWS. INTERLOCK ERV-1 WITH GF-1.



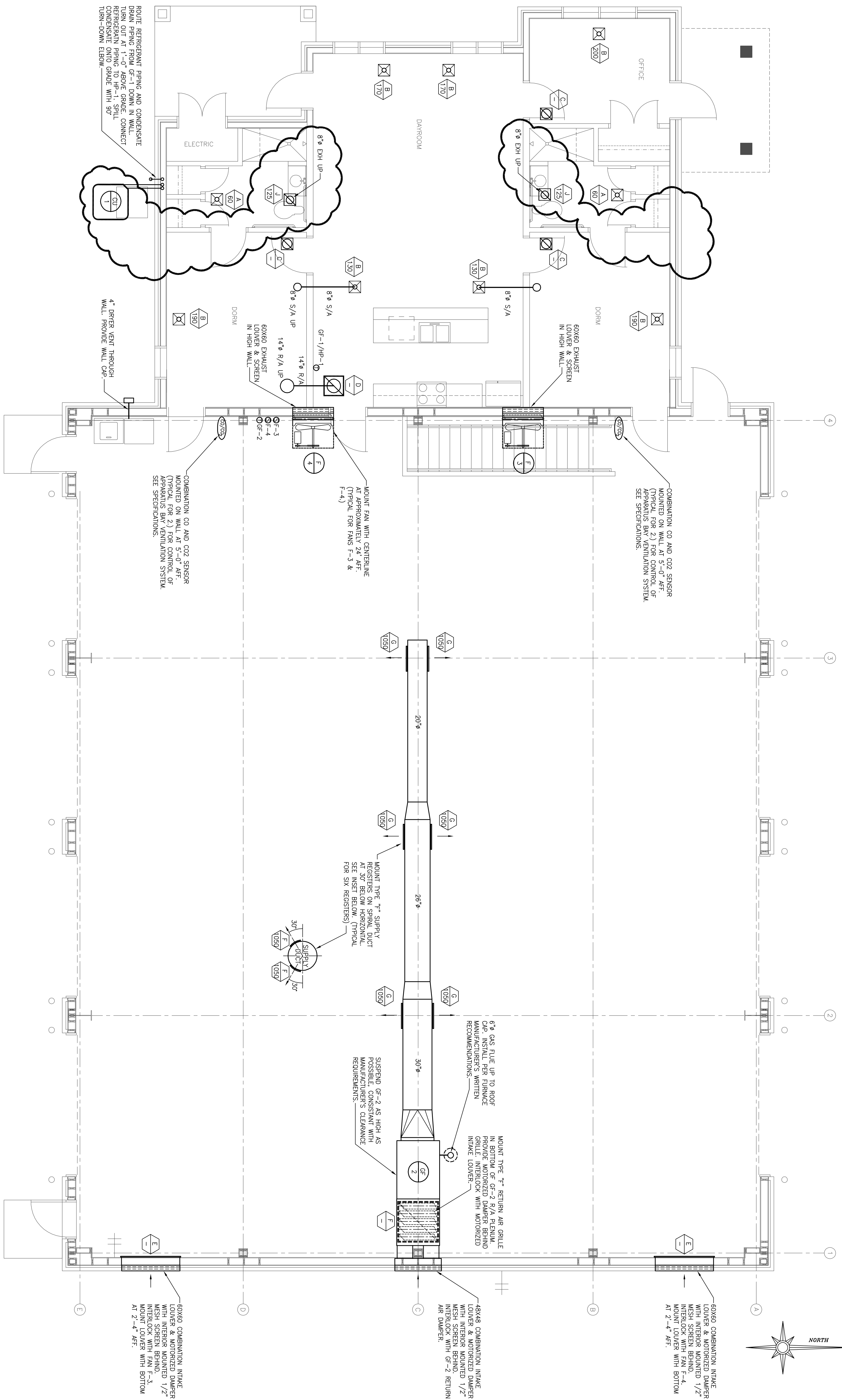
1 DETAIL - FURNACE-COIL UNIT  
M1-2 NOT TO SCALE



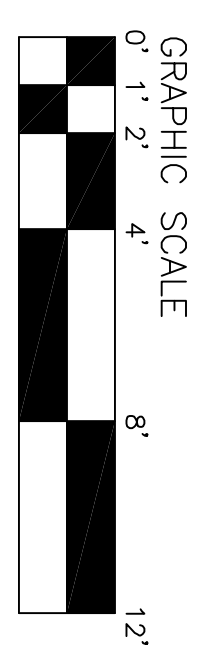
2 CEILING DIFFUSER RUNOUT DETAIL  
M1-2 NOT TO SCALE

HVAC LEGEND	
	SLOT DIFFUSER
	SUPPLY DIFFUSER
	RETURN OR EXHAUST GRILLE
	DUCT DIMENSION: A - HORIZONTAL B - VERTICAL
	DUCT RISE
	DUCT DROP
	DUCT WITH ACOUSTICAL LINER
	DUCT TURN DOWN
	DUCT TURN UP
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE DUCTWORK
	SPIN-IN FITTING
	FIRE DAMPER
	CONDENSATE DRAIN LINE
	90° ELBOW WITH TURNING VANES
	OPPOSED BLADE DAMPER (PLAN)
	OPPOSED BLADE DAMPER (SECTION)
	SMOKE DETECTOR
	NIGHT SETBACK THERMOSTAT
	COMBINATION STARTER/DISCONNECT
	THERMOSTAT
	FAN SWITCH
	EQUIPMENT DESIGNATION: X - EQUIPMENT Y - EQUIPMENT NUMBER
	AIR DISTRIBUTION DEVICE: X - LETTER DEVICE CFM - AIR QUANTITY IN FT <sup>3</sup> /MIN.

	SMITH DESIGN GROUP, INC. 307 Church Street LaGrange Phone (706) 882-5511	Suite B Georgia Fax (706) 883-7777	SHEET TITLE HVAC SCHEDULES AND DETAILS	PROJECT TITLE LONG CANE FIRE STATION LONG CANE ROAD LAGRANGE, GEORGIA	ARCHITECT'S STAMP 
	DRAWN: SBG/MSQ CHECKED: MSQ JOB NO.: 1009	DATE: 15 JULY 2010	SHEET: M1-2		

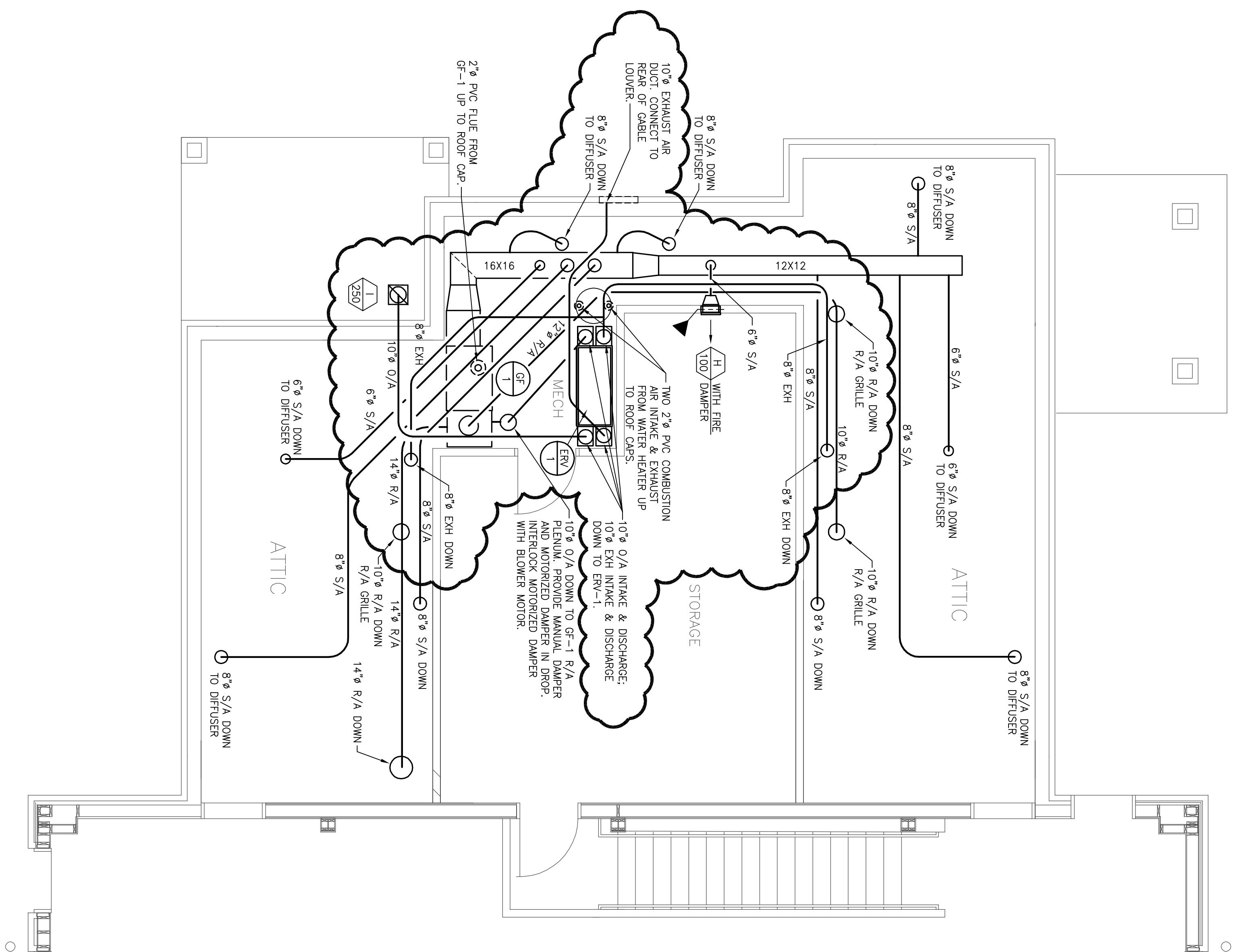


**1 FLOOR PLAN - HVAC**  
 SCALE 1/4" = 1'-0"

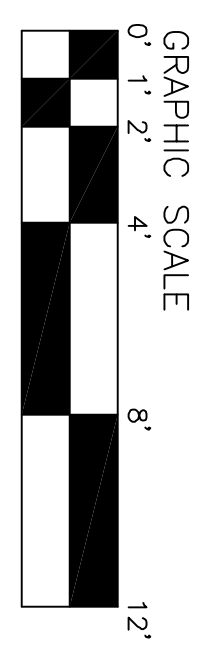
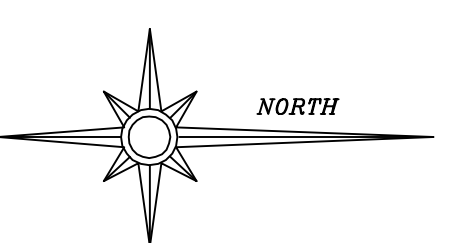


REV #1 - 06-16-2011 - ADDENDUM 1 - MECHANICAL

	<b>SMITH DESIGN GROUP, INC.</b> 307 Church Street LaGrange Phone (706) 882-5511	Suite B Georgia Fax (706) 883-7777	SHEET <b>M2-1</b>	DATE <b>1009</b> 15 JULY 2010	DRAWN SBG/MSQ JOB NO. 1009	CHECKED MSQ	PROJECT TITLE <b>LONG CANE FIRE STATION</b> LONG CANE ROAD LAGRANGE, GEORGIA	SHEET TITLE <b>FLOOR PLAN - HVAC</b>	ARCHITECT'S STAMP 	ARCHITECT'S STAMP 
	ENGINEER'S STAMP 		ARCHITECT'S STAMP 		SIGNATURE REQ'D.		SIGNATURE REQ'D.		SIGNATURE REQ'D.	



1 MEZZANINE PLAN - HVAC  
 M2-2 SCALE: 1/4" = 1'-0"



REV #1 - 06-16-2011 - ADDENDUM 1 - MECHANICAL

	<b>SMITH DESIGN GROUP, INC.</b> 307 Church Street LaGrange Phone (706) 882-5511	Suite B Georgia Fax (706) 883-7777	SHEET TITLE <b>MEZZANINE PLAN - HVAC</b>	PROJECT TITLE <b>LONG CANE FIRE STATION          LONG CANE ROAD          LAGRANGE, GEORGIA</b>		
	DRAWN: SBG/MSG JOB NO.: 1009 CHECKED: MSG	DATE <b>15 JULY 2010</b>	SHEET <b>M2-2</b>			