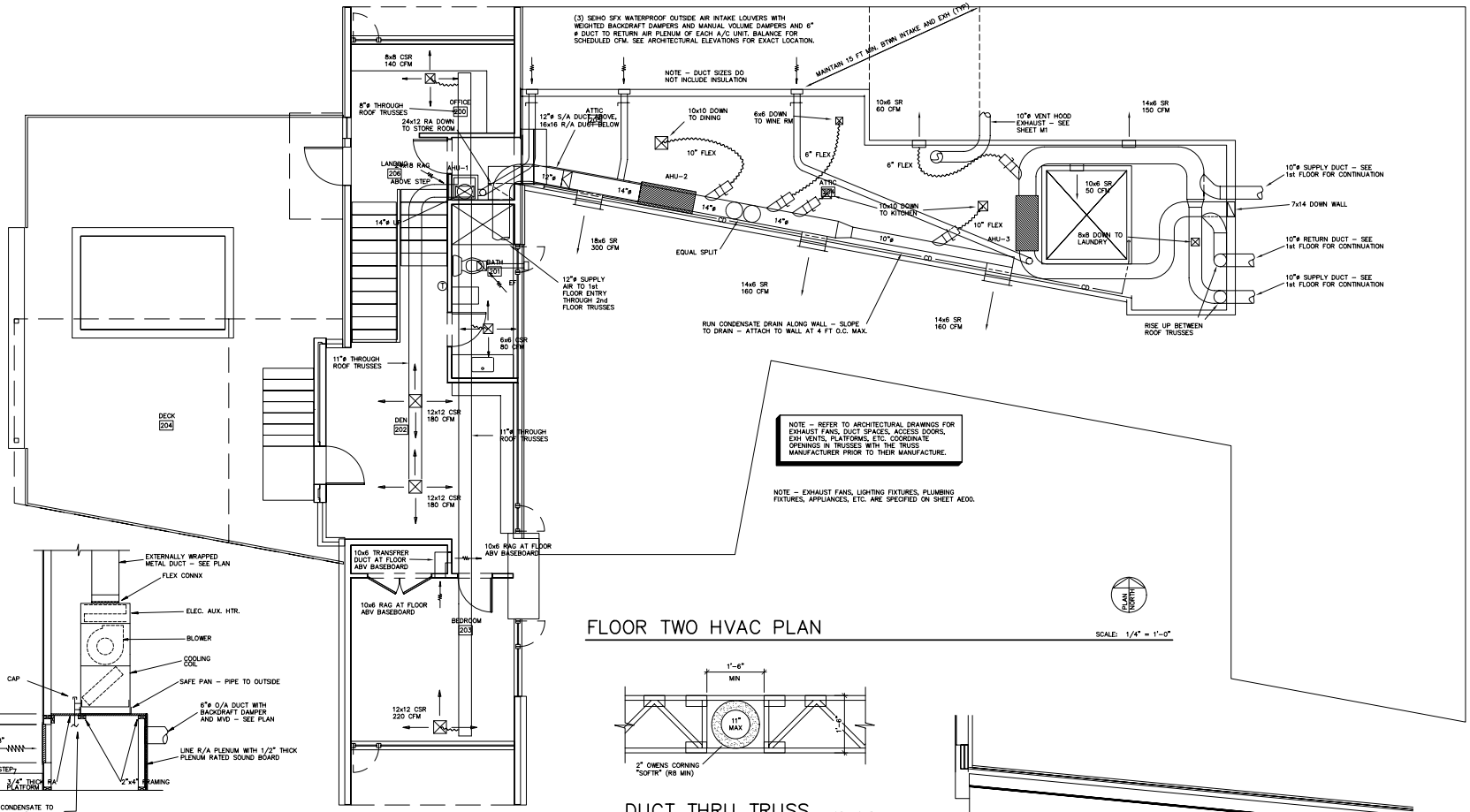
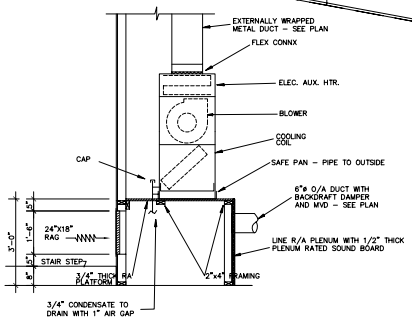


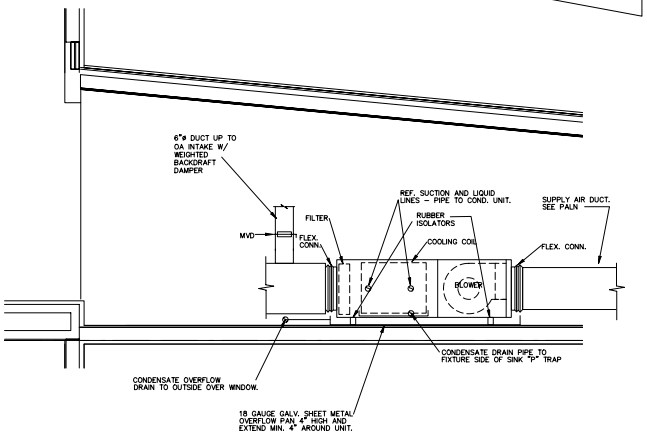
FLOOR TWO HVAC PLAN

SCALE: 1/4" = 1'-0"



AIR HANDLING UNIT DETAIL 1/2"=1'-0"

DUCT THRU TRUSS 3/4" = 1'-0"



AIR HANDLING UNIT DETAIL 1/2"=1'-0"

AIR DEVICE SCHEDULE

MARK	DESCRIPTION	FINISH	MFG. AND MODEL NO.
CSR	CEILING SUPPLY REGISTER	ALUMINUM	METALAIRE SERIES L
RAG	CEILING RETURN GRILLE	PAINTED STEEL	METALAIRE SRH-H-1-02
SR	SIDEWALL SUPPLY REGISTER	ALUMINUM	METALAIRE 4004P SERIES

NOTE – FURNISH SAMPLE OF EACH GRILLE TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING.

SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE

MARK	SERVES	FAN DATA				COOLING*			HEATPUMP HEATING CAPACITY (BTUH)	ELECTRICAL DATA (INDOOR UNIT)				OUTDOOR UNIT			MANUFACTURER'S MODEL NO. (TRANE)		
		AIRFLOW (CFM)		E.S.P. (in. wg)	MOTOR HP	CAPACITIES(BTUH)		S.E.E.R.		VOLTS/φ	SUPP. HEAT (KW)	MCA	MFS	VOLTS/φ	MCA	MFS	OUTDOOR UNIT	INDOOR UNIT	SUPP. HEATER
		TOTAL	O/A			TOTAL	SENSIBLE												
AHU-1/CU-1	UPSTAIRS	800	80	.5	1/3	24,000	19,600	19.0	21,200	240/1	4.8	30	30	240/1	14	20	4TWZ0024A	TEE3C03A1	BAYHTR1405
AHU-2/CU-2	LIVING	1600	160	.5	1/3	48,000	33,600	19.0	42,000	240/1	7.7	45	45	240/1	26	40	4TWZ0048	TEE3C06A1	BAYHTR1408
AHU-3/CU-3	MASTER BED	800	80	.5	1/3	24,000	19,600	19.0	21,200	240/1	4.8	30	30	240/1	14	20	4TWZ0024A	TEE3C03A1	BAYHTR1405

A.R.I. STD. 240 CONDITIONS
COMPLETE WITH PROGRAMMABLE THERMOSTAT WITH AUTOMATIC CHANGEOVER, LOW AMBIENT CONTROL KIT, FILTER DRYER, AND COMPRESSOR CRANKCASE HEATER. ALL EQUIPMENT SHALL USE NON CFC-BASED REFRIGERANTS.
PROVIDE HAIL GUARDS.

K MAX ENGINEERS INC.
FIRM #1350 (512) 263-2697 KMAXKMAX@AOL.COM
3011 NIAGARA DRIVE AUSTIN, TEXAS 78733

KENT D. MAXWELL 60199 STATE OF TEXAS 12/9/10

SHOAL CREEK
5203 SHOAL CREEK BLVD
AUSTIN, TEXAS 78757

DATE
03 DEC 2010
REVISIONS
16 DEC 2010

SHEET
M2
3 OF 7

KENT MAXWELL, KMAX 12/16/2010 11:07 AM SC-TB.dwg