

0-90 CFM	600 FPM	.08 LOSS PER 100FT	6" DIAMETER
90-200 CFM	600 FPM	.08 LOSS PER 100FT	8" DIAMETER
200-375 CFM	700 FPM	.08 LOSS PER 100FT	10" DIAMETER
375-600 CFM	800 FPM	.08 LOSS PER 100FT	12" DIAMETER
600-900 CFM	875 FPM	.08 LOSS PER 100FT	14" DIAMETER
900-1200 CFM	900 FPM	.08 LOSS PER 100FT	16" DIAMETER
1200-1600 CFM	900 FPM	.08 LOSS PER 100FT	18" DIAMETER
1600-2000 CFM	900 FPM	.08 LOSS PER 100FT	20" DIAMETER
2000-2400 CFM	900 FPM	.08 LOSS PER 100FT	22" DIAMETER

- NOTES:  
 1. ALL ELBOWS TO BE SMOOTH RADIUS  
 2. ALL FITTINGS TO BE OF INDUSTRY STANDARD TYPE WITH COEFFICIENTS PUBLISHED IN MANUAL Q

## PLUMBING WASTE PLAN

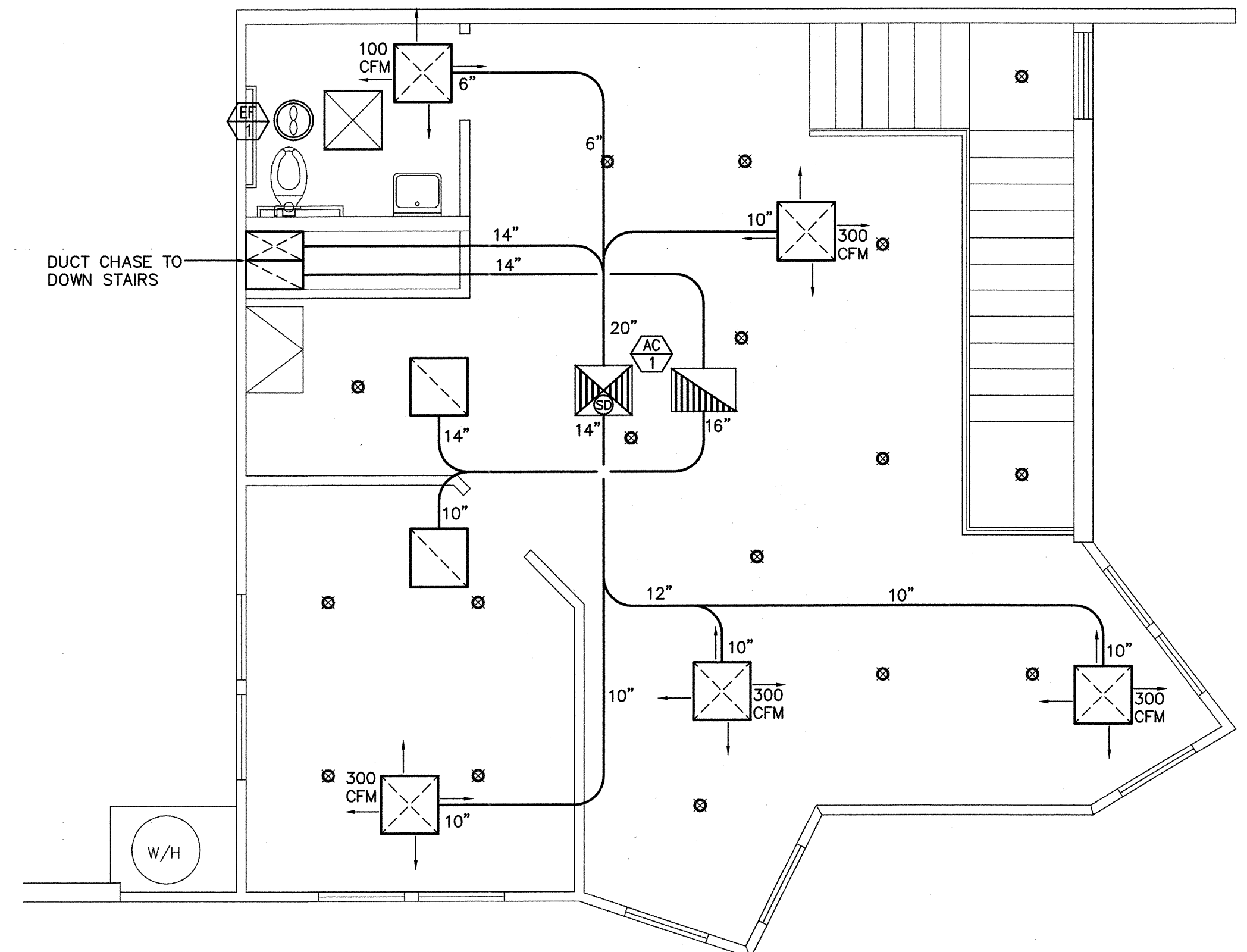
SCALE: 1/4" = 1'-0"

## 1 DUCT SIZING REQUIREMENTS PER CHAPTER 6 C.M.C.

## MECHANICAL SCHEDULE

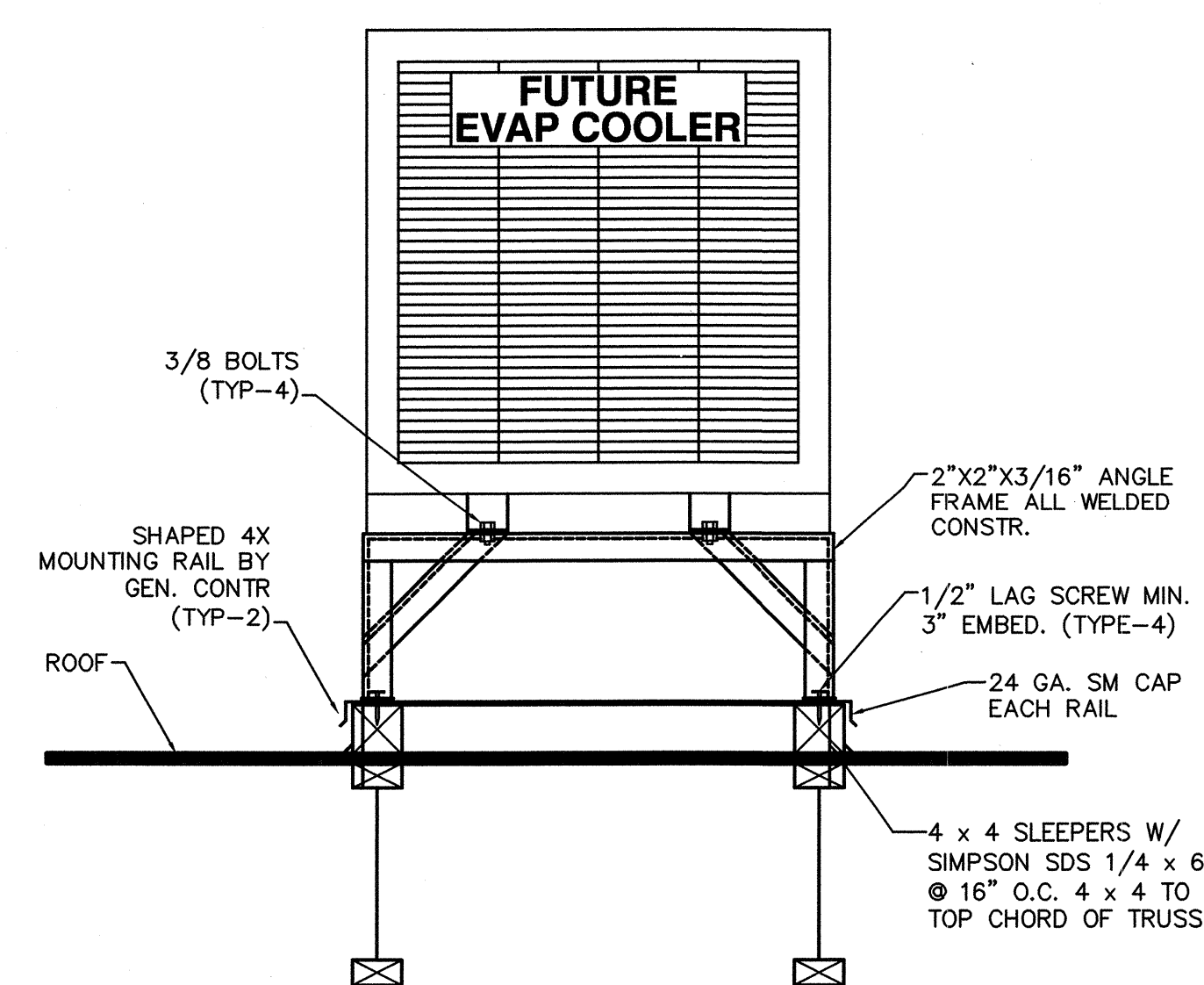
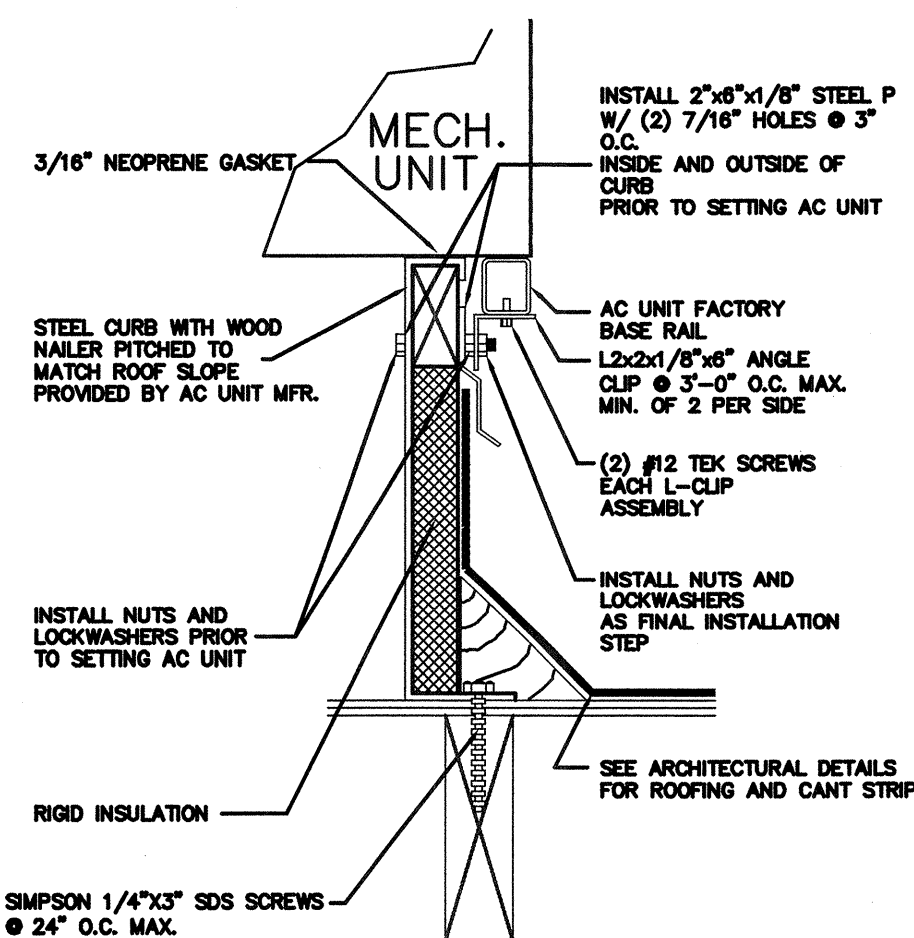
AC 1	TEMPSTAR PACKAGE HEAT PUMP UNIT - 6 TON - MODEL# RHS072HOB 70,000 BTUH COOLING, 67,000 BTUH HEATING, 3000 CFM, 32.8 FLA
EF 1	BROAN MODEL 676 CENTRI MATL ALUM CLG MNT. CFM=100, TSP=0.25WG, HP=50WATTS, RPM=1550, 120V, 1PH, 60CYCLE, BACKDRAFT DAMPER, DISCHARGE GRILLE

OUTSIDE AND RETURN AIR FILTERS TO COMPLY WITH SECTION 5.504.5.3



## 2ND FLOOR PLUMBING WASTE PLAN

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



- REGISTERS TO BE ANEMOSTAT OR EQUAL  
 SUPPLY T-BAR CEILING-#RMD-FP  
 SUPPLY HARD SURFACE-#RMD-S  
 SUPPLY SIDE WALL-#S2HO  
 RETURN/EXHAUST T-BAR CEILING-#GC50L  
 RETURN/EXHAUST HARD SURFACE-#GC50  
 RETURN/EXHAUST SIDE WALL-#S3HOD  
 LINEAR DIFFUSER #ALD-4  
 1. SEE PLAN FOR THROW AND SIZES.  
 2. COORDINATE REGISTER LOCATIONS w/LIGHTING AND ALL OTHER TRADES.  
 3. ALL REGISTERS TO HAVE OBD's.

## REGISTER LEGEND

SIZE CFM SAD - SUPPLY AIR DIFFUSER

SIZE CFM RAG - RETURN AIR REGISTER

SIZE CFM EAG - EXHAUST AIR REGISTER

## MECHANICAL NOTES

- ALL GRILLES TO BE ANEMOSTAT RMD-FP GC50L
- ALL DUCT WORK TO BE RIGID METAL IN EXPOSED CEILING AREAS
- ALL DUCT WORK TO BE FLEX IN T-BAR AREAS
- SEAL ALL JOINTS W/ HIGH PRESSURE DUCT SEALANT
- INSULATE ALL DUCT WORK W/ 2" FOIL FACE FIBERGLAS

NO.	DATE

**DIANE MIROWSKI**  
 OFFICE/ WAREHOUSE  
 6107 WOODMERE DR.  
 BAKERSFIELD, CA.

THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS A "WET STAMP & SIGNATURE" FROM BOTH THE ENGINEER OF RECORD AND A APPROVAL STAMP WITH A "WET STAMP & SIGNATURE" FROM THE LOCAL GOVERNING AGENCY ARE PRESENT.

DWG. BY	L.H.
CHK'D BY	
DATE	2-13-12
JOB NO.	6510
FILE NO.	651022

