

FAU is to be located within 20' of attic access.

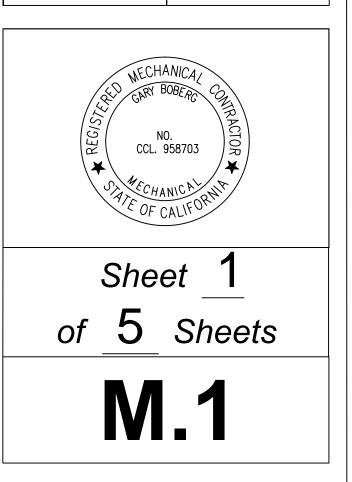
Flex duct to be hung every 4' with 1 $\frac{1}{2}$ " approved hanger strap.

Duct Testing: Yes Refrigerant Testing: Y

Project	t Specifications:	
	FAU: 58STX090-1	-22
e Controls	AFUE: 80.0%	
	Coil: PL48H210	
ıct	Cond.: CA15NA048	
	T-Stat: Honeywell	Registers: 3-Way
Yes	Pro4000	Stamped White

M&O InvestmentsM&O InvestmentsM&O InvestmentsRockhaven RanchPlan 1 - Lot 1 & 8 - 2,830 SF. TotalII cajon, ca.II 5/15/12II 5/15/12II 1II 1II 1II 1II 1II 1II 1II 1II 2/12/15II 1II 1
No. Date Description
1 2/12/15 Updated Plans

EAGLE AIR



Date: 2/03/2015

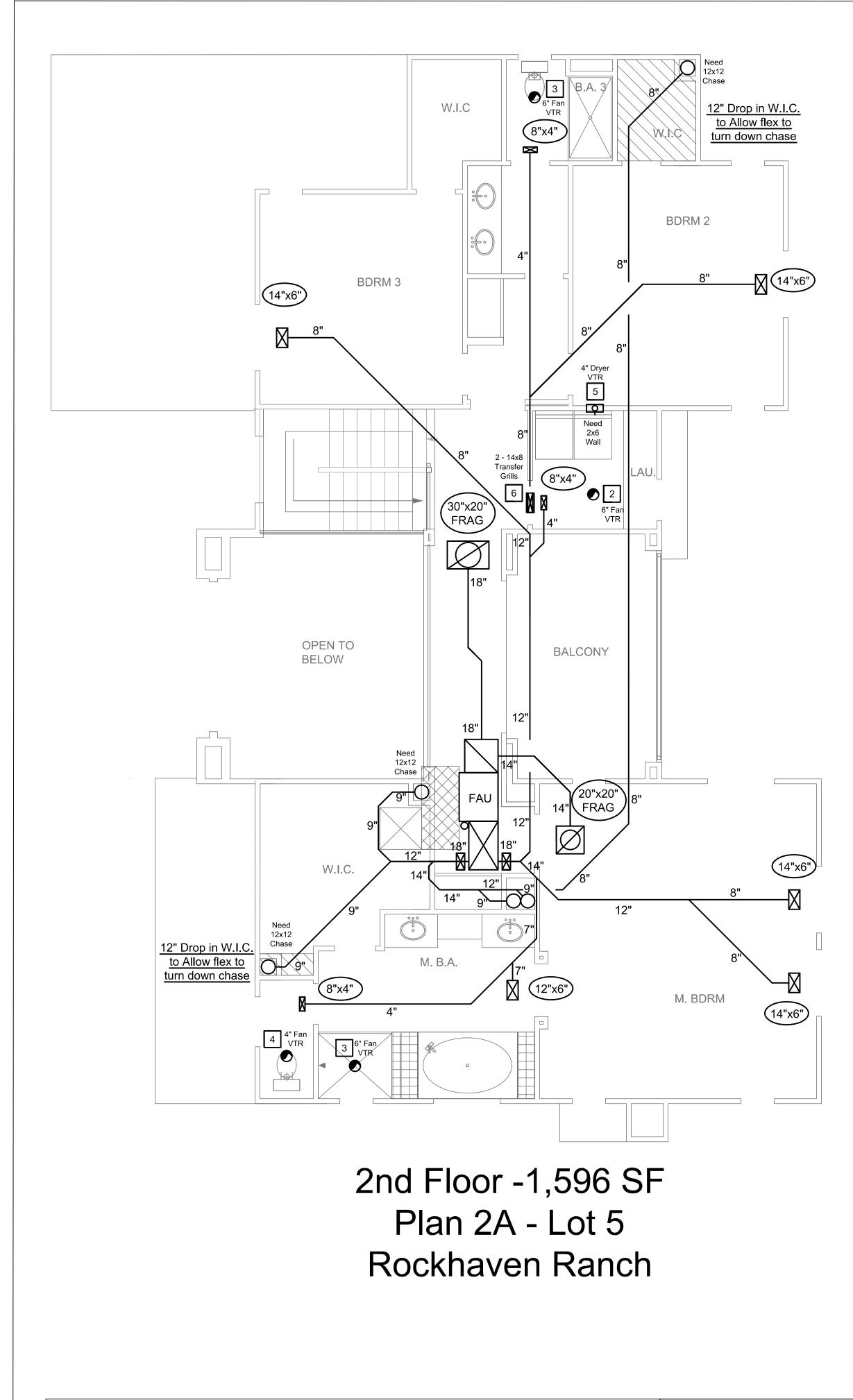
Rockhaven

Produced By

Reviewed By

Scale: Not

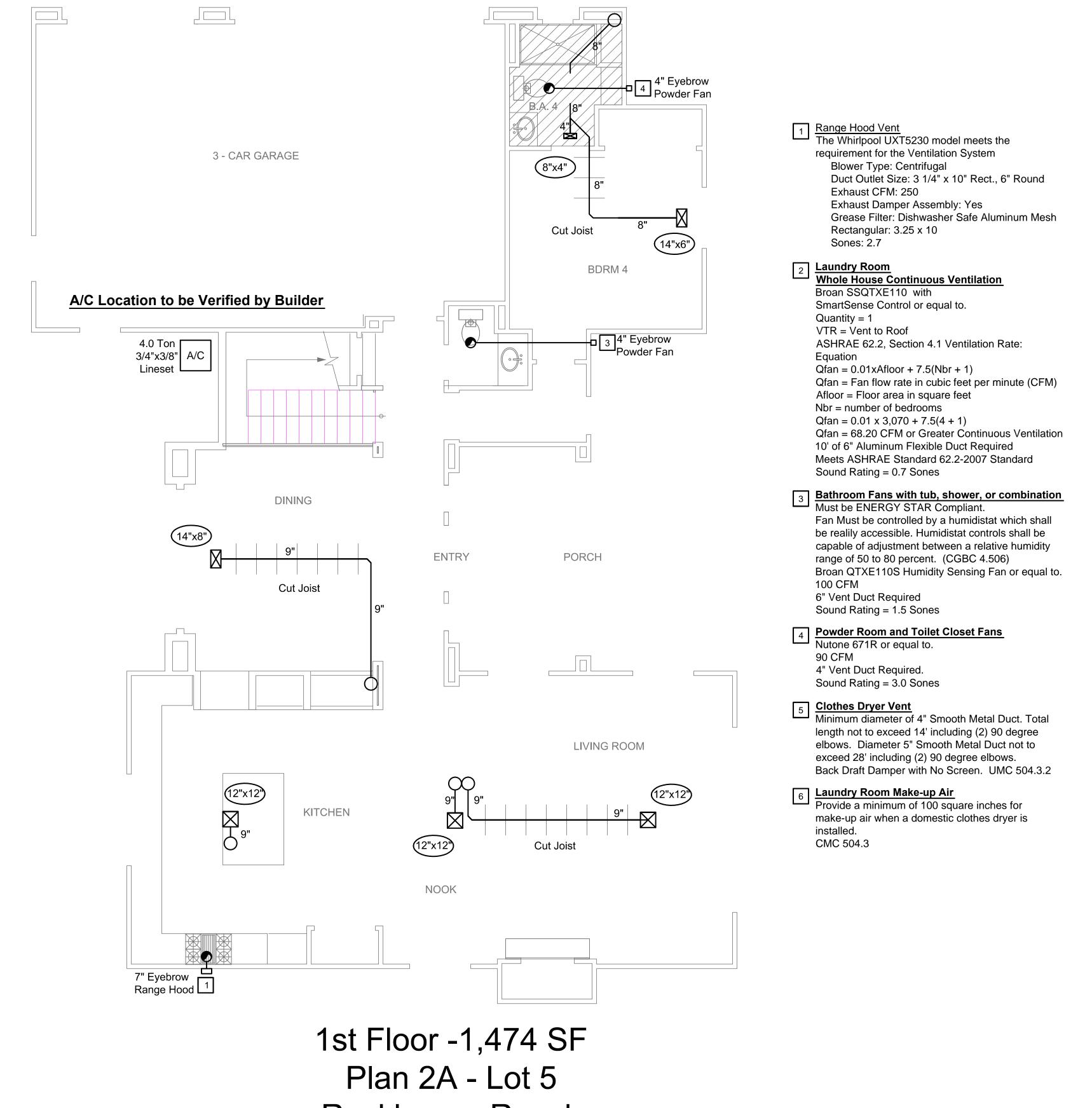
Job Name



Mechanical Specifications Need at least 30" of clearance in front of FAU for service accessibility. Attic access to be 30"x30" with 30" of headroom. FAU is to be located within 20' of attic access. Secondary drain pain needs to be installed with all coils. Nylon zip-ties and approved duct tape to be installed at all metal to flex duct connections. Glen coat duct sealant to be applied to supply cans, return air cans, plenums and start collars. Flex duct to be hung every 4' with 1 $\frac{1}{2}$ " approved hanger strap.

Covering of Duct Openir Covering of duct openings and protection

during construction. At the time of rough the construction site and until final start equipment, all duct and other related ai openings shall be covered with tape, pl methods acceptable to the enforcing ag dust or debris which may collect in the



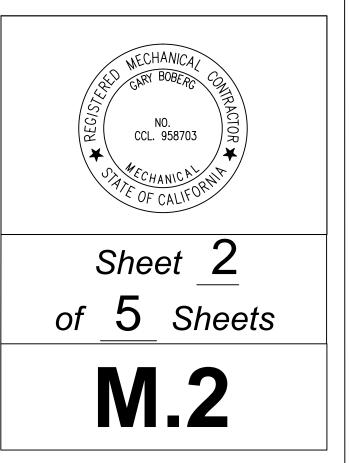
Rockhaven Ranch

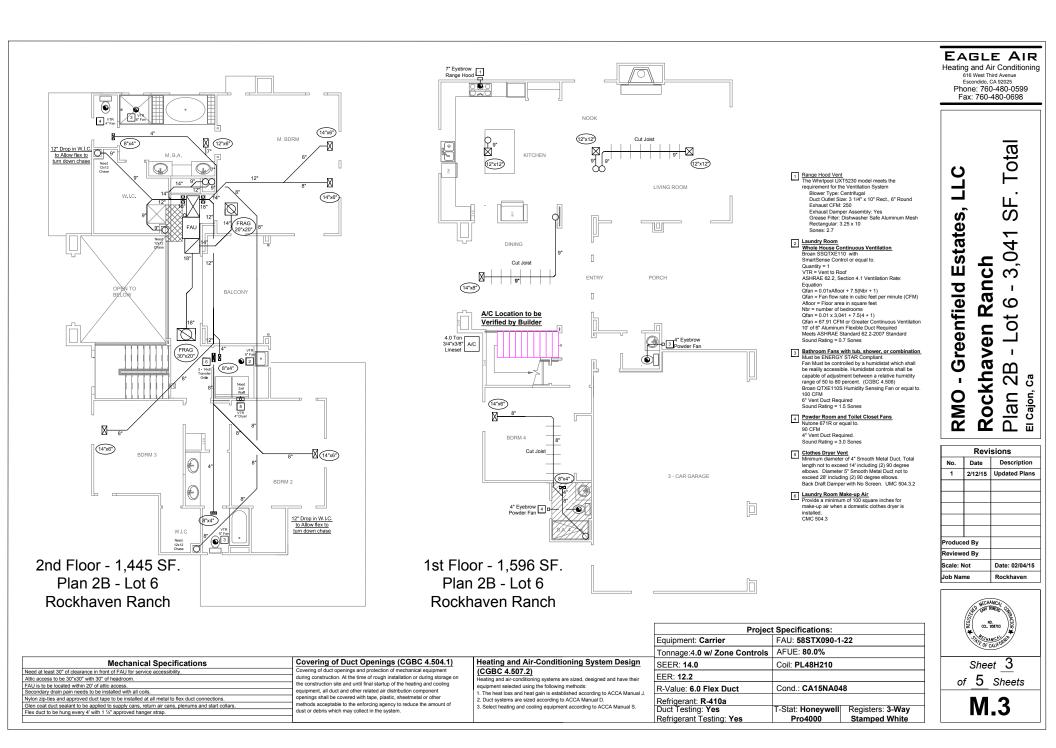
		Project Specifications:		
		Equipment: Carrier	FAU: 58STX090-1-2	22
		Tonnage:4.0 w/ Zone Controls	AFUE: 80.0%	
 Heating and Air-Conditioning System Design (CGBC 4.504.1) (cion of mechanical equipment ugh installation or during storage on artup of the heating and cooling air distribution component plastic, sheetmetal or other agency to reduce the amount of ne system. Heating and Air-Conditioning System Design (CGBC 4.507.2) Heating and air-conditioning systems are sized, designed and have their equipment selected using the following methods: The heat loss and heat gain is established according to ACCA Manual J. Duct systems are sized according to ACCA Manual D. Select heating and cooling equipment according to ACCA Manual S. 	SEER: 14.0	Coil: PL48H210		
		EER: 12.2		
	R-Value: 6.0 Flex Duct	Cond.: CA15NA048	3	
	2. Duct systems are sized according to ACCA Manual D.	Refrigerant: R-410a Duct Testing: Yes Refrigerant Testing: Yes	T-Stat: Honeywell Pro4000	Registers: 3-Way Stamped White

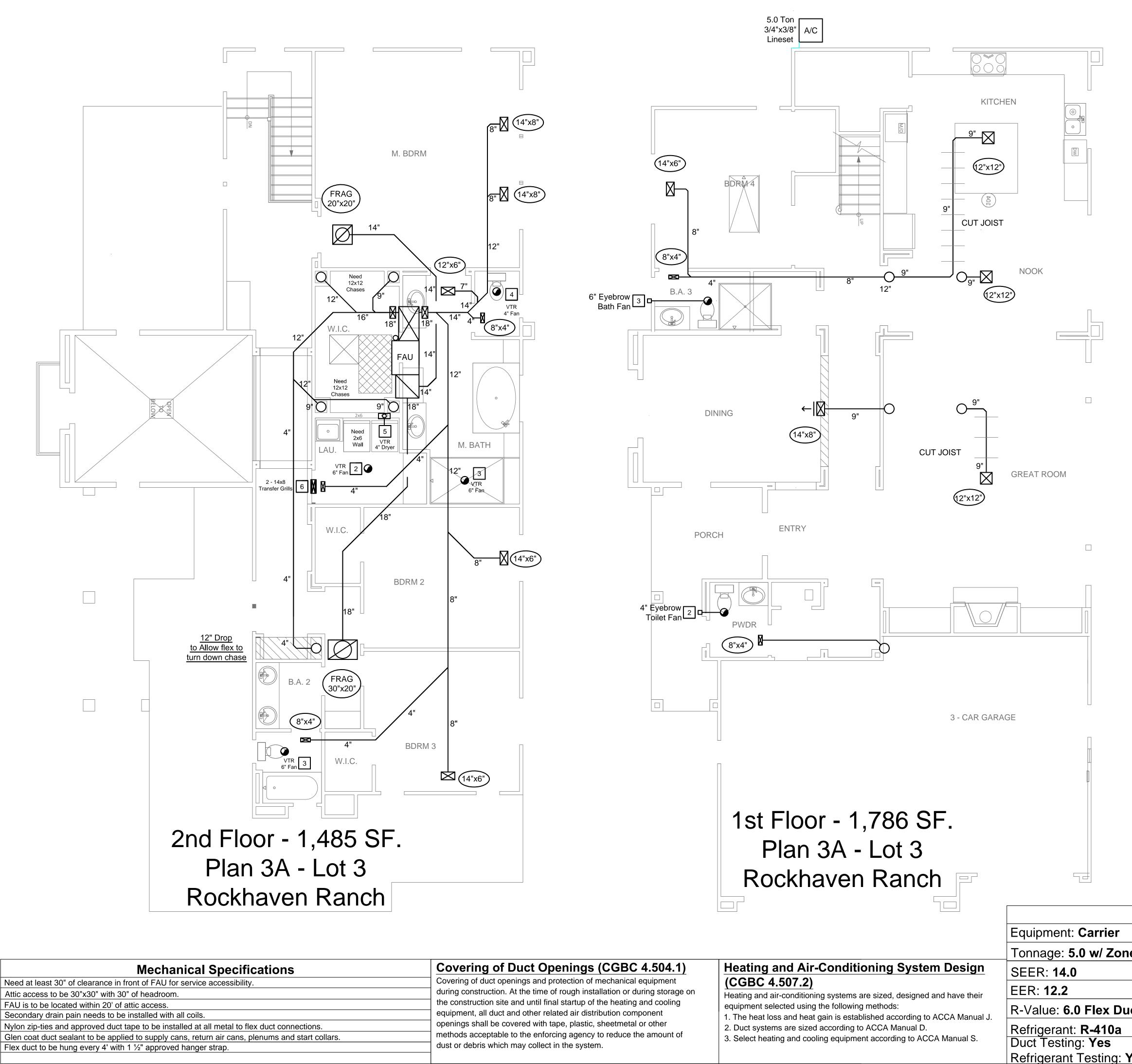
EAGLE AIR Heating and Air Conditioning 616 West Third Avenue Escondido, CA 92025 Phone: 760-480-0599 Fax: 760-480-0698

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Revisions		
No.	Date	Description
1	2/12/15	Updated Plans
Produced By		
Reviewed By		
Scale: Not		Date: 02/04/15
Job Name		Rockhaven







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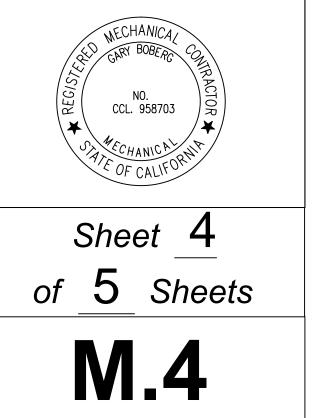
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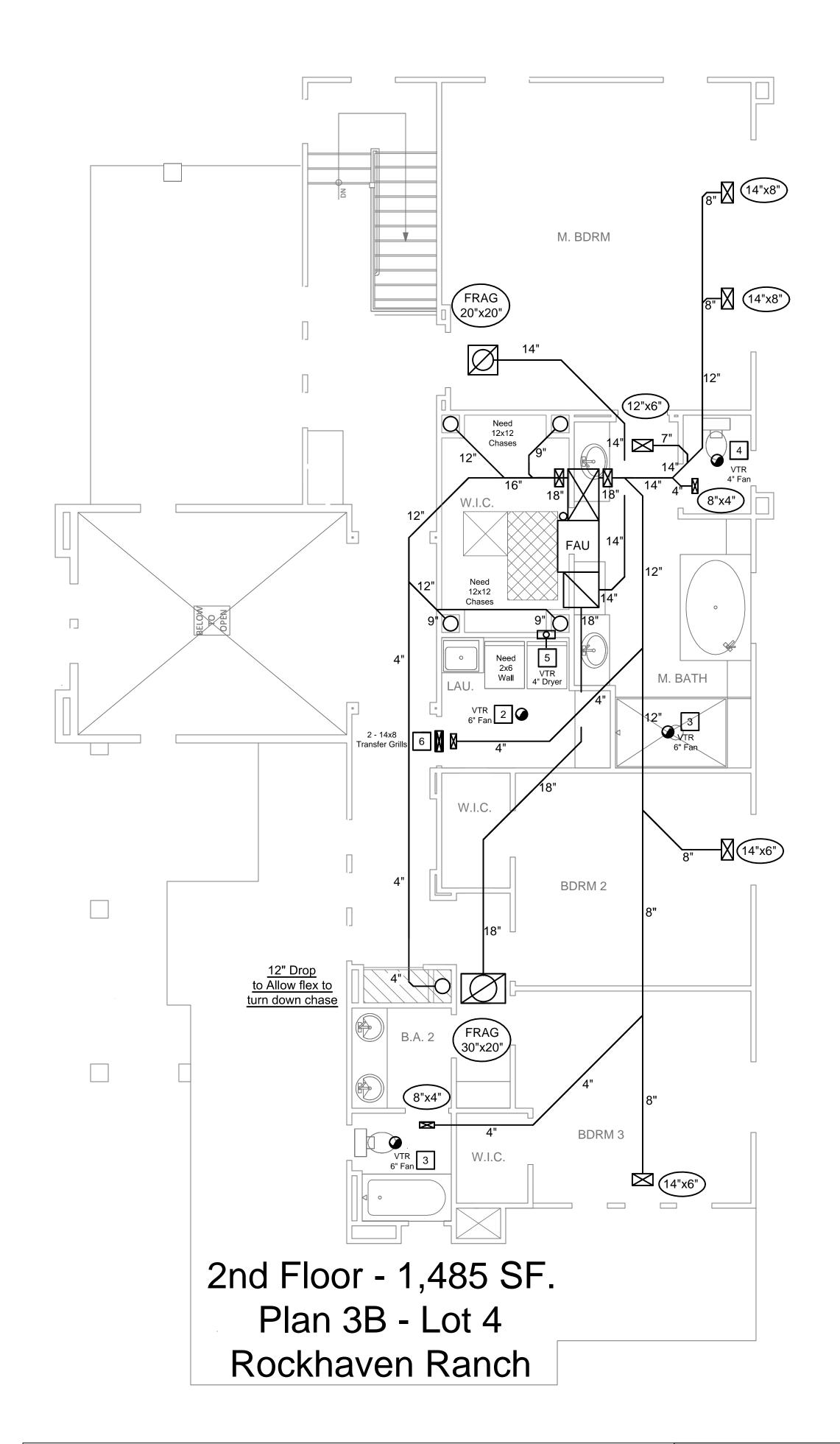
1	Range Hood VentThe Whirlpool UXT5230 model meets therequirement for the Ventilation SystemBlower Type: CentrifugalDuct Outlet Size: 3 1/4" x 10" Rect., 6" RoundExhaust CFM: 250Exhaust Damper Assembly: YesGrease Filter: Dishwasher Safe Aluminum MeshRectangular: 3.25 x 10Sones: 2.7	
2	Laundry Room Whole House Continuous Ventilation Broan SSQTXE110 with SmartSense Control or equal to. Quantity = 1 VTR = Vent to Roof ASHRAE 62.2, Section 4.1 Ventilation Rate: Equation Qfan = $0.01 \times Afloor + 7.5(Nbr + 1)$ Qfan = Fan flow rate in cubic feet per minute (CFM) Afloor = Floor area in square feet Nbr = number of bedrooms Qfan = $0.01 \times 3,271 + 7.5(4 + 1)$ Qfan = 70.21 CFM or Greater Continuous Ventilation 10' of 6" Aluminum Flexible Duct Required Meets ASHRAE Standard 62.2-2007 Standard Sound Rating = 0.7 Sones	
3	Bathroom Fans with tub, shower, or combinationMust be ENERGY STAR Compliant.Fan Must be controlled by a humidistat which shall be realily accessible. Humidistat controls shall be capable of adjustment between a relative humidity range of 50 to 80 percent. (CGBC 4.506)Broan QTXE110S Humidity Sensing Fan or equal to. 100 CFM6" Vent Duct Required Sound Rating = 1.5 Sones	
4	Powder Room and Toilet Closet Fans Nutone 671R or equal to. 90 CFM 4" Vent Duct Required. Sound Rating = 3.0 Sones	
5	Clothes Dryer Vent Minimum diameter of 4" Smooth Metal Duct. Total length not to exceed 14' including (2) 90 degree elbows. Diameter 5" Smooth Metal Duct not to exceed 28' including (2) 90 degree elbows. Back Draft Damper with No Screen. UMC 504.3.2	
6	Laundry Room Make-up Air Provide a minimum of 100 square inches for make-up air when a domestic clothes dryer is installed. CMC 504.3	
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		S

Project	t Specifications:	
	FAU: 58STX110-1	-22
ne Controls	AFUE: 80.0%	
	Coil: PL60H210	
uct	Cond.: CA15NA060	
	T-Stat: Honeywell	Registers: 3-Way
Yes	Pro4000	Stamped White

Plan 3A - Lot 3 - 3,271 SF. Total El cajon, ca.

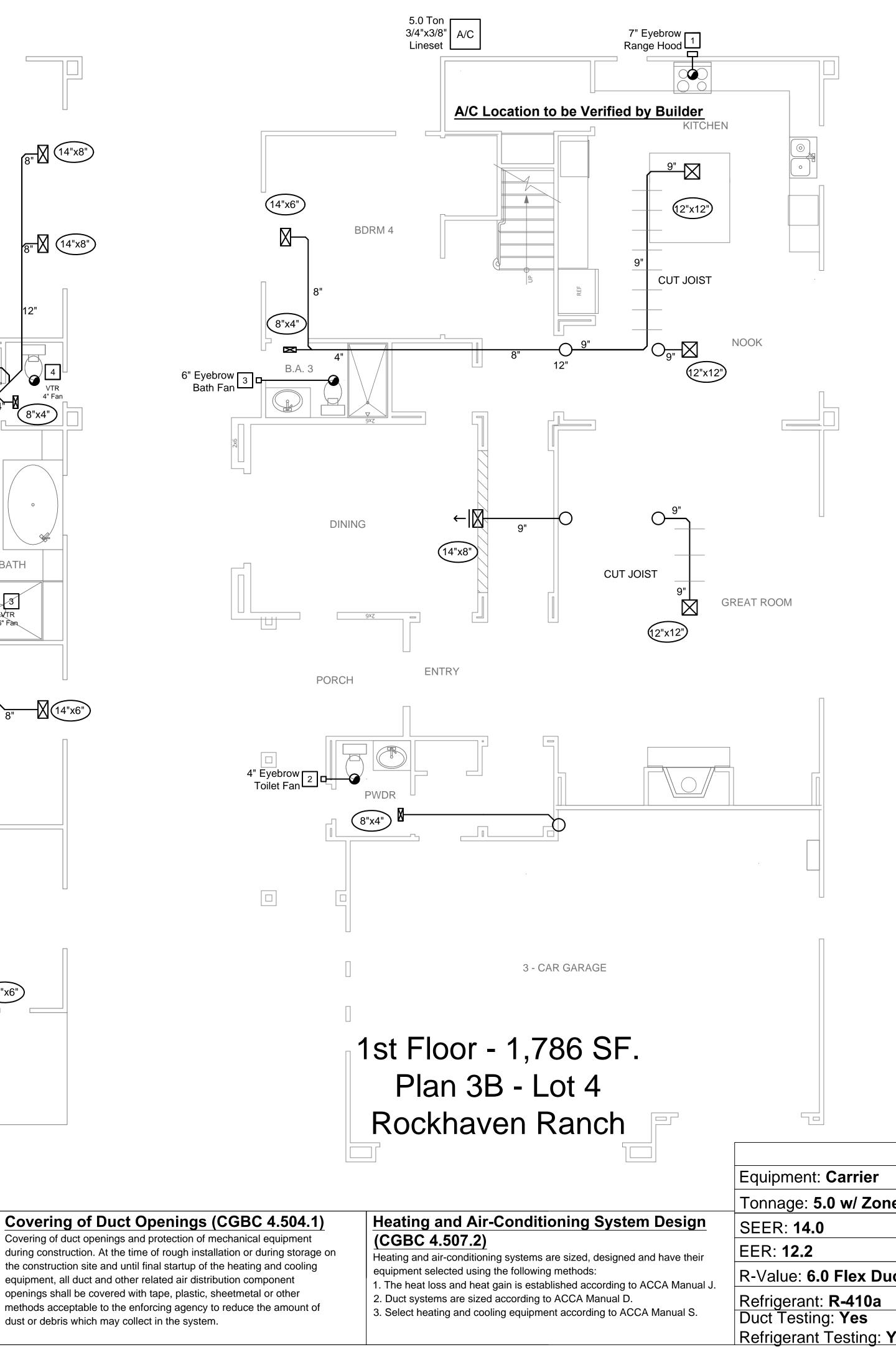
Revisions		
No.	Date	Description
1	2/12/15	Updated Plans
Produced By		
Reviewe	Reviewed By	
Scale: Not		Date: 2/03/2015
Job Name		Rockhaven
MECHANICAL GNRY BOBERC CONTRACTO SUS NO. CCL 058703		





Mechanical Specifications			
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Attic access to be 30"x30" with 30" of headroom.			
FAU is to be located within 20' of attic access.			
Secondary drain pain needs to be installed with all coils.			
Nylon zip-ties and approved duct tape to be installed at all metal to flex duct connections.			
Glen coat duct sealant to be applied to supply cans, return air cans, plenums and start collars.			
Flex duct to be hung every 4' with 1 1/2" approved hanger strap.			

dust or debris which may collect in the system.



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Laundry Room Make-up Air

⁶ Provide a minimum of 100 square inches for make-up air when a domestic clothes dryer is installed. CMC 504.3

Projec	t Specifications:	
	FAU: 58STX110-1	-22
ne Controls	AFUE: 80.0%	
	Coil: PL60H210	
uct	Cond.: CA15NA06	0
	T-Stat: Honeywell	Registers: 3-Way
Yes	Pro4000	Stamped White

Total L S \mathbf{m} stments $\boldsymbol{\sigma}$ V C D Inve \mathbf{n} Ú \mathbf{O} Cajo a N S S Ο

Revisions		
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1	2/12/15	Updated Plans
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Reviewed By		
Scale: Not		Date: 2/03/2015
Job Name		Rockhaven

