

### PRIME CONSTRUCTION COMPANY, INC.

WWW.PCCIUSA.COM

20907 Martin Ln Pflugerville, TX 78660

(office) 512.244.7799 (fax) 512.990.9886

#### **CHANGE ORDER NO. 10**

#### **Project: River Ranch County Park Phase 1 Improvements**

This Change Order includes the following modifications to the scopes of work originally contracted for the subject project between Ritter - Botkin Prime Construction Company Inc. (Contractor) and Williamson County (Owner):

#### SCOPE:

Deduct for 1 missing exhaust air louver in the restroom.

#### **Total request for this Change Order**

\$-297.72

**Change Order: \$ -297.72** 

This Change Order shall constitute full and final negotiations for the said scope of work with no assumptions, additional obligations or promises made other than what is strictly written within this document. This instrument cannot and does not change, modify, or exclude any terms within the original contract entered into previously by both parties unless specifically stated. This change order will become effective, in whole, with signatures from parties noted below.

Design Workshop Prime Construction Company Inc. Signature / Date Signature / Date Herb Deazvedo Claire Hempel **Printed Name Printed Name** 

**Williamson County** 

Fele Bate 12/11/20

Signature / Date

Dale Butler

**Printed Name** 

Prime Construction Company Inc. 20907 Martin Lane Pflugerville, Texas 78660 P: (512) 244-7799 F: (512) 990-9886 Project: 02.18010 - River Ranch County Park Phase 1 Improvements

Stephanie Bernard

Out of Scope

Client Request

1751 County Road 282 Liberty Hill, Texas 78642

### CHANGE EVENT #148 - DCO - Exhaust Air Louver

Origin:

Status:

**Date Created:** 12/9/2020

Open

Type: Owner Change

**Description:** Deduct for 1 missing exhaust air louver in the restroom.

Attachments:

#### **CHANGE EVENT LINE ITEMS**

				Revenue			Cost				
Cost Code	Cost Type	Vendor / Contract	ROM	Prime PCO	Latest Price	ROM	RFQ	Commit.	Latest Cost	Over/ Under	Budget Mod.
		Prime Construction Company Inc.	\$(297.72)		\$(297.72)	\$(297.72)			\$(297.72)	\$0.00	
	Description: DCO - Exhaus	st Air Louver									
Grand Totals	s		\$(297.72)	\$0.00	\$(297.72)	\$(297.72)	\$0.00	\$0.00	\$(297.72)	\$0.00	\$0.00

Created By:

Change Reason:

Scope:

### ROOF HOODS

### **ROOF HOOD (H):**

GREENHECK WALL OR ROOF CAP AS DESCRIBED BELOW

MODEL WC EXHAUST: (4", 6" OR 8" ROUND) HOODED WALL CAP. ALUMINUM CONSTRUCTION WITH BUILT IN BIRD SCREEN AND BACKDRAFT DAMPER.

MODEL WC INTAKE: (4", 6" OR 8" ROUND) HOODED WALL CAP. ALUMINUM CONSTRUCTION WITH BUILT IN BIRD SCREEN.

GRS: (8" TO 48" ROUND IN 2" INCREMENTS) ROUND ROOF CAP WITH BUG SCREEN AND CURB (CURB MUST EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF COORDINATE WITH ROOFING CONSULTANT DRAWINGS).

FABRAHOOD: SQUARE OR RECTANGULAR ROOF CAP WITH BUG SCREEN AND CURB (CURB MUST EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF COORDINATE WITH ROOFING CONSULTANT

HOODS INSTALLED ON METAL STANDING SEAM ROOFS: ROOF CURB IS TO BE FURNISHED, INSTALLED, FLASHED AND COUNTER FLASHED BY ROOFING CONTRACTOR. MECHANICAL CONTRACTOR IS TO COORDINATE SIZE AND LOCATION. CURB IS TO EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF ON SHORT SIDE.

HOODS INSTALLED ON BUILT-UP ROOF: ROOF CURB IS TO BE FLASHED AND COUNTER FLASHED BY ROOFING CONTRACTOR. MECHANICAL CONTRACTOR IS TO FURNISH AND INSTALL ROOF CURB AND COORDINATE LOCATION. CURB IS TO EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF ON SHORT SIDE.

MARK NO.	GREENHECK WC EXHAUST	GREENHECK WC INTAKE	GREENHECK GRS	GREENHECK FABRAHOOD	NOT USED NOT USED
H1		•	8"	•	::::::::::::::::::::::::::::::::::::::
•		•	•	•	
H1B		•	14"	•	
•		•	•		
H1D		•	12"	•	
•		•	•	•	
		•			•

## MISCELLANEOUS EQUIPMENT SCHEDULES

### ELECTRIC UNIT HEATERS

**ELECTRIC UNIT HEATER (EUH):** 

MANUFACTURED BY MARKEL WITH MOUNTING BRACKETS, DUST SHIELD, POWER DISCONNECT AND BUILT-IN THERMOSTAT. MOUNT AT 9' ABOVE FINISHED FLOOR.

MARK NO.	MODEL NO.	KW	VOLT/PH	APPROX. WT.	•
HEADQUARTERS			,		
EUH-1	HF1B5103N	3.3	240/1	35	•
BATH HOUSE					
EUH-1B	HF1B5103N	3.3	240/1	35	
		•			
DAY USE					
EUH-1D	HF1B5103N	3.3	240/1	35	
	•	•			•
		•			

### **LOUVERS**

GREENHECK MODEL ESD-403, 4 INCH DEEP EXTRUDED ALUMINUM CONSTRUCTION. VERIFY FINISH WITH ARCHITECT PRIOR TO ORDERING. COORDINATE FRAME TYPE WITH ARCHITECT AND BUILDING CONSTRUCTION. PROVIDE WITH 1/8" X 1/8" GALVANIZED HARDWARE CLOTH BEE SCREEN.

MARK NO.	SIZE (WxH)		•			•
L - 1	16 x 16	•	•		•	•
•	•	•	•	•	•	
L — 1M	36 x 36	•	•		•	•
L - 2M	36 x 36	•	•	•	•	•
L - 3M	36 x 36		•		•	•
L — 4M	16 x 16				•	
•					•	
•			•		•	

## DAIKIN DUCTLESS SPLIT SYSTEMS

### **DUCTLESS SPLIT SYSTEM:**

DAIKIN DUCTLESS WALL MOUNTED OR CEILING CASSETTE SPLIT SYSTEM UNIT WITH REMOTE CONDENSING UNIT. CONDENSATE PUMP AND WIRED THERMOSTAT. MOUNT INDOOR UNITS AT HEIGHT REQUIRED FOR GRAVITY CONDENSATE DRAINAGE WHEN POSSIBLE. PROVIDE CONDENSOR HAIL GAURDS (WIRE GUARDS WITH LARGE OPENINGS ARE NOT ACCEPTABLE)

MARK NO.	MODEL NO.	NOMINAL TONS	SEER	VOLT/PH	MCA/MOCP	WEIGHT	NOTES
AC-1 (indoor)	FTXN18KVJU	1.5	18	240/1	N/A	30	ELECT FED FROM OUTDOOR
AC-1 (outdoor)	RKN18KEVJU	1.5	18	240/1	15/20	117	

WILLIAMSON COUNTY RIVER RANCH PARK												
Daikin Ductless Split System												
MARK	MODEL#	Manufacturer	Pipir	ng Limits	Unit Type	NOMINAL TONS	CFM	SEER	VOLT-PH	MCA	МОР	WEIGHT
HP-1M	RZQ18PVJU9	Daikin	Total	Vertical	Outdoor	1		18.60	208/230-1	16.5	20	150
CC-1M	FCQ18PAVJU	- Daikin	164	98	3'x3' Ceiling Cassette	1	390-560		208/230-1	0.4	15	43

## **Outdoor Unit Notes:**

- 1. Provide Field Installed Hail Guard Accessory
- 2. Units shall meet or exceed Min Scheduled SEER Values per AHRI 210/240

### **Indoor Fan Coil Notes:**

- 1. Provide factory mounted condensate pumps on all indoor units
- 2. Indoor unit to include supply branch knock out
- 3. Indoor unit to include fresh air intake kit
- 2. Provide wired thermostat
- 3. Provide 10 year parts, 10 year compressor warranty
- \*For pricing contact Direct Expansion Solutions at (210) 215-5845

			FAN	I SC	HEDI	JLE			EFSCH
MARK NO.	GREENHECK MODEL NO.	CFM	S.P.	RPM	DRIVE	H.P.	VOLT/PH	WATTS OR AMPS	ACCESSORIES
<b>HEADQUARTERS</b>		•	•	•		•		•	
EF-1	CSP-A125	75	.25"	906	DIRECT	-	120/1	11 W	12
EF-2	CSP-A125	75	.25"	906	DIRECT	_	120/1	11 W	12
EF-3	CSP-A125	75	.25"	906	DIRECT	-	120/1	11 W	12
•		•		•		•			
•		•		•		•			
DAY USE	•	•	•	•	•	•	•	•	•
EF-1D	SQ-100-VG	700	.375"	1178	DIRECT	1/4	120/1	_	12
•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
•		•	•	•	•	•	•	•	•
BATH HOUSE		•	•	•	•	•	•	•	•
EF-1B	SQ-100-VG	800	.375"	1257	DIRECT	1/4	120/1	_	12
•		•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•
MAINTENANCE		•		•		•	•		•
EF-1M	SCE3-24-412-B	2000	.25"	1160	DIRECT	1/4	120/1	_	13, 23
EF-2M	SCE3-24-412-B	2000	.25"	1160	DIRECT	1/4	120/1	_	13, 23
EF-3M	SCE3-24-412-B	2000	.25"	1160	DIRECT	1/4	120/1	_	13, 23
EF-4M	CSP-A200	125	.25"	688	DIRECT	-	120/1	24 W	12
•	•	•	•	•	•	•	•	•	•
•	•	•	•	٠	•	٠	•	•	•
•	•	•	•	•	•	•	•	•	
•		•		•		•	•	•	•

### STANDARD NOTES - APPLIES TO ALL FANS

- BALANCE ALL FANS TO ACTUAL CFM SHOWN ON FLOOR PLANS.
- FANS INSTALLED ON METAL STANDING SEAM ROOFS: ROOF CURB IS TO BE FURNISHED, INSTALLED, FLASHED AND COUNTER FLASHED BY ROOFING CONTRACTOR. MECHANICAL CONTRACTOR IS TO COORDINATE SIZE AND LOCATION. CURB IS TO EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF ON SHORT SIDE.
- FANS INSTALLED ON BUILT-UP ROOF: ROOF CURB IS TO BE FLASHED AND COUNTER FLASHED BY ROOFING CONTRACTOR.
- MECHANICAL CONTRACTOR IS TO FURNISH AND INSTALL ROOF CURB AND COORDINATE LOCATION. CURB IS TO EXTEND A MINIMUM OF 12" ABOVE FINISHED ROOF ON SHORT SIDE.
- FACTORY DISCONNECT. PROVIDE EACH ROOF MOUNTED FAN WITH OPPOSED BLADE DAMPER WITH HEAVY DUTY MOTORIZED ACTUATOR (MATCH FAN VOLTAGE) UNLESS SPECIFICALLY NOTED OTHERWISE. ELECTRICAL CONTRACTOR TO TIE DAMPER ACTUATOR IN TO
- UNIT WEIGHT LESS THAN 100 LBS. UNLESS NOTED OTHERWISE. COORDINATE ALL FINAL FAN LOCATIONS AND FRAMING WITH STRUCTURAL.
- ALL ALTERNATE MANUFACTURER'S FANS MUST OPERATE WITH CFM, RPM AND HP RANGE AS FANS LISTED ABOVE TO ALLOW FLEXIBILITY. FANS MAY NOT BE DOWN SIZED.
- FAN SPEED CONTROL (MOUNTED UNDER DOME ON ROOF FANS OR NEXT TO CABINET FANS FOR ALL DIRECT DRIVE FANS). DUCT DROPS ARE TO BE FULL SIZE OF DAMPER OR SIZED AT .08" SP WHICHEVER IS GREATER OR AS SPECIFICALLY
- POWDER COATED METAL IS NOT ALLOWED TO BE USED IN LIEU OF GALVANIZED UNLESS SPECIFICALLY SCHEDULED. EXHAUST FANS / OUTLETS TO BE LOCATED A MINIMUM OF 10' AWAY FROM OUTSIDE AIR INTAKES OR AS REQUIRED BY

### **ACCESSORIES AND NOTES**

UPBLAST GREASE FAN ACCESSORIES: FAN TO BE UL AND CUL LISTED FOR GREASE REMOVAL, HEAT BAFFLE, BIRD GUARD, HINGE KIT, DRAIN CONNECTION, GREASE TRAP AND VENTED CURB EXTENSION (MUST MEET THE NFPA 96 REQUIREMENT FOR A 40" DISCHARGE HEIGHT). PROVIDE WITH SEPARATE CURB FROM ANY SUPPLY FAN.

KITCHEN SUPPLY FAN ARRANGEMENT "DB" ACCESSORIES: EXHAUST FAN AND SUPPLY FAN TO BE MOUNTED ON SEPARATE CURBS AND PROVIDE MOPPED IN EQUIPMENT SUPPORT RAIL WITH GALVANIZED UNISTRUT SUPPORT FOR WEATHER HOOD. MOTORIZED INTAKE DAMPER. SPACER SECTION (TO MAINTAIN 10 FEET SEPARATION FROM EXHAUST FAN), FILTER SECTION THAT ACCOMMODATES 2" FILTERS, WEATHER HOOD, SUPPLY FAN INTERLOCKED TO RUN WITH KITCHEN EXHAUST FAN. KITCHEN EXHAUST FAN IS TO RUN AND SUPPLY FAN IS TO GO OFF IN THE EVENT THAT A FIRE IS DETECTED. FURNISH WITH REMOTE OR FAN CASING MOUNT PREWIRED KITCHEN FAN CONTROL CENTER WITH STARTERS, DISCONNECTS, CONTROL TRANSFORMERS, AND SINGLE POINT ELECTRICAL CONNECTION. ELECTRICAL CONTRACTOR TO MAKE ALL CONTROL AND LINE VOLTAGE TERMINATIONS AND FEED THROUGH CONNECTIONS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. 120 VOLT CONTROL VOLTAGE FOR HOOD FAN PACKAGE IS TO BE OBTAINED FROM HOOD

- LIGHTING CIRCUIT. DIRECT FIRED GAS HEAT.
- ELECTRIC HEAT.
- PERFORATED BAFFLE INSTALLED AT INLET
- GRAVITY BACK DRAFT DAMPER. RADIATION DAMPER (CEILING MOUNTED FANS).
- COMBINATION NEOPRENE / SPRING VIBRATION ISOLATION. INLET GUARD.
- BELT GUARD
- MAGNETIC MOTOR STARTER. SWITCHED WITH LIGHTS BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL RELAYS AND
- SWITCHED BY SPRING WOUND TIMER (I HR MAX) PROVIDED BY ELECTRICAL CONTRACTOR. LOCATE NEXT TO ROOM
- LIGHT SWITCH UNLESS OTHERWISE NOTED.
- SWITCHED BY WALL SWITCH WITH PILOT LIGHT BY ELECTRICAL CONTRACTOR. LOCATE NEXT TO ROOM LIGHT SWITCH UNLESS OTHERWISE NOTED.
- SWITCHED BY HOOD MOUNTED SWITCH WITH PILOT LIGHT BY ELECTRICAL CONTRACTOR. SWITCHED BY THERMOSTAT. THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR. INSTALLED BY ELECTRICAL
- CONTROLLED BY ENERGY MANAGEMENT SYSTEM. 120V/1PH MOTORIZED DAMPER FOR INLINE FAN TIED IN TO FAN POWER.
- 19. EXPLOSION PROOF FAN, WIRE TO RUN CONTINUOUSLY
- 20. PERFORATED BAFFLE INSTALLED AT INLET.
- 21. INTERLOCKED WITH DISHWASHER.
- 22. DRYER BOOSTER FAN. PROVIDE ALL CONTROLS AND INTERLOCKING WIRING REQUIRED FOR A COMPLETE OPERABLE
- 23. SIDEWALL PROPELLER FAN PROVIDE WITH HOUSING, MOTORIZED BACKDRAFT DAMPER, INTEGRAL DISCONNECT, MOTOR SIDE GUARD AND TRANSITIONS AS REQUIRED TO CONNECT TO WALL LOUVER.

# **DESIGN**WORKSHOP Landscape Architecture • Land Planning Urban Design • Tourism Planning Asheville • Aspen • Austin • Beijing • Chicago • Denver • Dubai • Houston • Lake Tahoe • Los Angeles W W W.D E S I G N W O R K S H O P.C O M

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ISSUE DATE: December 07, 2018

REVISIONS

#	DATE	DESCRIPTION

ISSUE FOR CONSTRUCTION

**SCHEDULES -MECHANICAL** 

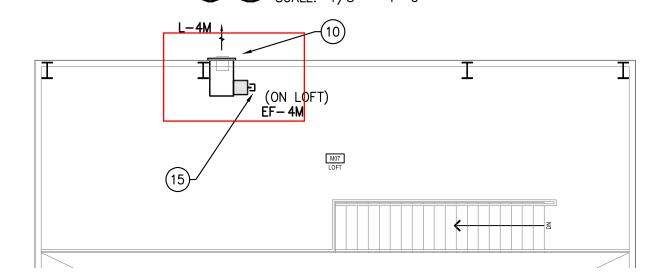
SHEET NUMBER

**M002** 

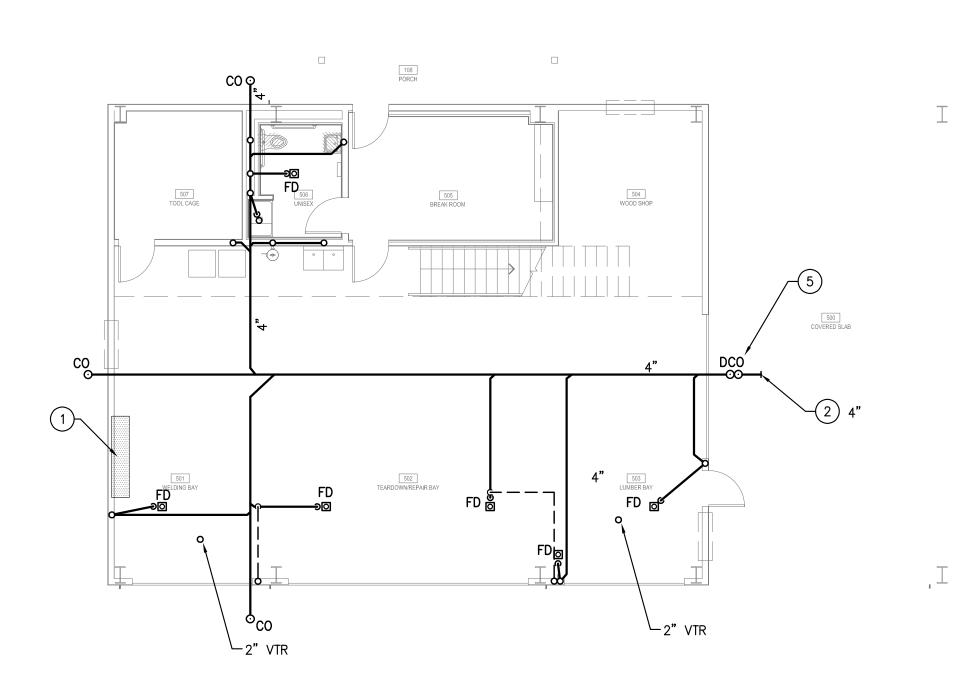
OCOPYRIGHT DESIGNWORKSHOP, IN

REFERENCE GENERAL NOTES ON SHEETS MOOO, POOO AND EOOO FOR ADDITIONAL INFORMATION

# 05 FLOOR PLAN - MECHANICAL SCALE: 1/8" = 1'-0"



# 03 LOFT PLAN - MECHANICAL SCALE: 1/8" = 1'-0"



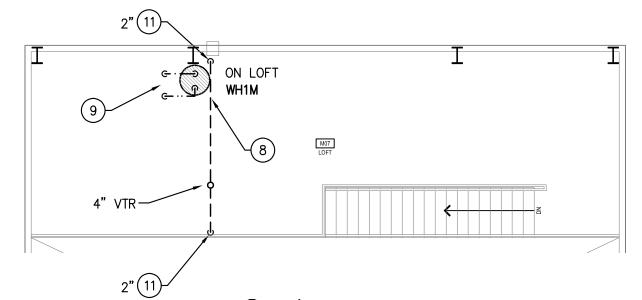
0 1 FLOOR PLAN - PLUMBING - WASTE

## **KEYED NOTES**

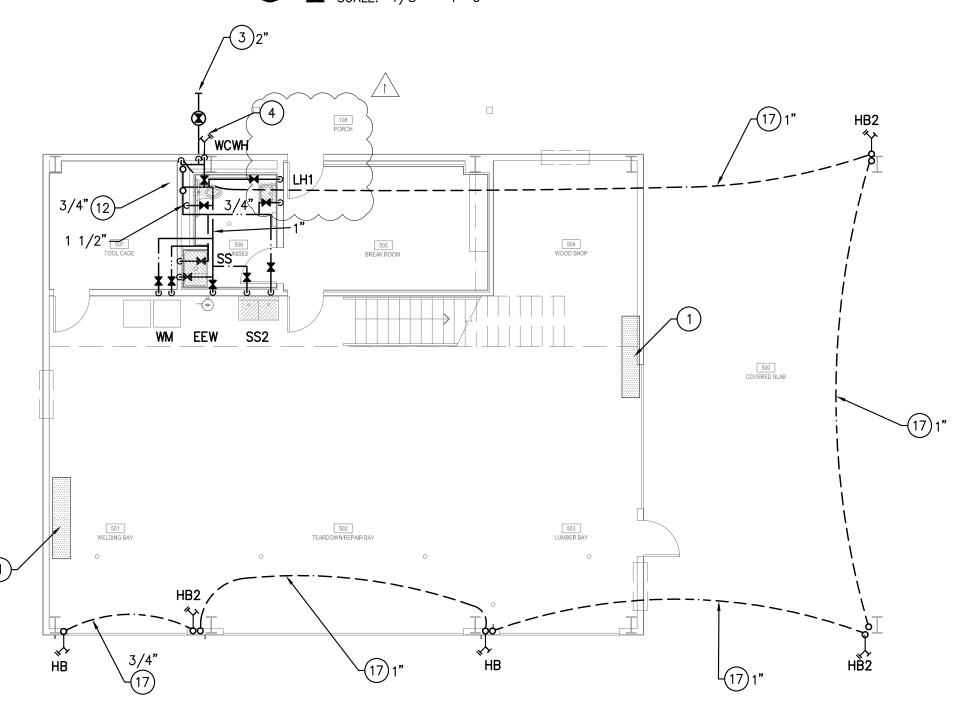
THESE NOTES APPLY TO THIS SHEET ONLY DO NOT ROUTE ANY DUCTWORK AND OR PIPING ABOVE THIS AREA.

CONNECT TO WASTEWATER (WW) STUB PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION AND INVERT. PROVIDE ADAPTER AS REQUIRED TO MAKE SIZE AND/OR MATERIAL TRANSITION.

- CONNECT TO COLD WATER (CW) STUB PROVIDED BY CIVIL. FIELD VERIFY EXACT LOCATION. PROVIDE ADAPTER AS REQUIRED TO MAKE SIZE AND/OR MATERIAL TRANSITION.
- 4 RE: CW BUILDING ENTRY DETAIL ON PLUMBING DETAIL SHEET(S).
- RE: DOUBLE CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- RE: EXTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- RE: INTERIOR CLEANOUT DETAIL ON PLUMBING DETAIL SHEET(S).
- RE: WATER HEATER DETAIL ON PLUMBING DETAIL SHEET(S) FOR WATER HEATER AND HOT WATER RECIRCULATION PUMP PIPING.
- 9 HOT AND COLD WATER DOWN TO/FROM FLOOR BELOW.
- 10 EXHAUST AIR LOUVER. REFERENCE ARCHITECTURAL FOR EXACT LOCATION. PROVIDE 24" DEEP (MINIMUM) EXTERNALLY WRAPPED SHEET METAL PLENUM FULL SIZE OF LOUVER ON BACK OF LOUVER. BOTTOM OF PLENUM TO BE WELDED WATERTIGHT AND SLOPED TO DRAIN TOWARDS EXTERIOR.
- 11 VENT FROM FLOOR BELOW.
- 12 HOT AND COLD WATER UP TO/FROM WATER HEATER ON LOFT.
- 13 EXHAUST DUCT UP TO EXHAUST FAN ON LOFT.
- 14 4" THICK REINFORCED CONCRETE PAD BY GENERAL CONTRACTOR.
- 15 EXHAUST DUCT FROM FLOOR BELOW UP TO EXHAUST FAN ON LOFT.
- 16 ROUTE CONDENSATE TO DRYWELL. CONDENSATE **CANNOT** GO INTO SEWER WHICH GOES INTO SEPTIC SYSTEM. RE: DRYWELL DETAIL ON MECHANICAL DETAIL SHEETS.
- 17 INSULATED WATER PIPING BELOW FINISHED FLOOR.
- 18 DRYWELL FOR CONDENSATE FROM MECHANICAL UNIT BY MECHANICAL CONTRACTOR. REFERENCE "DRYWELL DETAIL" ON DETAIL SHEET(S).
- 19 EXHAUST AIR LOUVER. REFERENCE ARCHITECTURAL FOR EXACT LOCATION. PROVIDE EXTERNALLY WRAPPED SHEET METAL PLENUM FULL SIZE OF LOUVER ON BACK OF LOUVER. BOTTOM OF PLENUM TO BE WELDED WATERTIGHT AND SLOPED TO DRAIN TOWARDS EXTERIOR. FAN WALL HOUSING TO BE INSTALLED ON BACKSIDE OF PLENUM. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.



## 04 LOFT PLAN - PLUMBING SCALE: 1/8" = 1'-0"



02 FLOOR PLAN - PLUMBING - SUPPLY
SCALE: 1/8" = 1'-0"

**DESIGN**WORKSHOP

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ISSUE D	ISSUE DATE: December 07, 2018								
REVISIO	NS								
	DATE	DESCRIPTION							
	03.29.2019	ASI 002 (LAVATORY FAUCET							
	04.12.2019	ASI 003 (BLDG MIRRORED)							
		•							
		-							
DRAWN:		REVIEWED:							

ISSUE FOR CONSTRUCTION

**FLOOR PLANS -MAINTENANCE -MECH PLBG** 

**MP250** 

REFERENCE GENERAL NOTES ON SHEETS MOOO, POOO AND EOOO FOR ADDITIONAL INFORMATION