

GAS APPLIANCES				
FIXTURE	CFH	EACH#	OF FIX.	TOTAL
WH	199	3		597
DRYER	35	1		35
RANGE	90	1		90
FP 1,2,3	75	3		225
FAU 1,2,3	100	3		300
FAU 4,5,6	75	3		225
FAU 7	60	1		60
FIRE PIT 1,2	100	2		200
BBO	75	1		75
POOL EQUIP	400	1		400
TOTALS		19		2207

WSFU - 2018 UPC - APPENDIX C
1.6 GPF GRAVITY TANK WC, TABLE C 4.1

WSFU (TABLE L-1)	FIXTURES	UNIT#	# OF FIX.	COLD	HOT	METER
3 BATHRMS	9	1	16.5	11	9	
ADD 1 BA	1	2	7	3.6	2	
ADD 1/2 BA	0.5	1	2.5	0.5	0.5	
WC	2.5	1	2.5	0.75	2.5	
SH	2	1	1.5	1.5	2	
BT	4	1	3	3	4	
KIT GROUP	2	2	3	3	4	
LAU GROUP	5	1	3.75	3.75	5	
SINK	1	4	3	3	4	
HOSE BIBBS	2.5/1	6	7.5	7.5	7.5	
TOTALS			51.25	30.1	40.5	

BRANCH SIZES	1/2"	3/4"	1"	1 1/4"	1 1/2"
WSFU	3	11	23	39	52

DFU - TABLE C 4.1(1)

FIXTURES	UNIT#	# OF FIX.	TOTAL
3 BATHRMS	9	1	9
ADD 1 BA	1	2	2
ADD 1/2 BA	0.5	2	1
WC	3	1	3
SH	2	1	2
BT	2	1	2
KIT GROUP	3	2	6
LAU GROUP	2	1	2
SINK	1	1	1
LAU SINK	2	4	8

PLUMBING KEYNOTES

- NOTES:
- 3"W, 1/2" CW.
 - 3"W, 2" VTR, 1/2" CW.
 - 3"W, 2" STUDOR VENT, 1/2" CW.
 - 2"W, 2" V, 1/2" CW & HW.
 - 2"W, 2" VTR, 1/2" CW & HW.
 - 2"W, 2" STUDOR VENT, 1/2" CW & HW.
 - PROVIDE AIR-TYPE HODGEFLOW PREVENTION, UPC 409.5.
 - 2"W, 1-1/2" V, 1/2" CW & HW.
 - 2"W, 1-1/2" VTR, 1/2" CW & HW.
 - 2"W, 1-1/2" STUDOR VENT, 1/2" CW & HW.
 - 2"S, 2" STUDOR VENT, 1/2" RCW&HW.
 - 2" VTR-.
 - 1-1/2" VTR.
 - 1/2" (EXCEPT WHERE NOTED) ROW TO HB WITH VACUUM BREAKER.
 - GUY GREY BOX WITH 2"W, 2" VENT, 1/2" C&HW, PROVIDE CO DRAIN PAN BELOW C&W IF LOCATED ON 2ND FLOOR & DRAIN TO OUTSIDE.
 - PROVIDE GUY GREY BOX WITH 2" W WITH 1-1/2" V OR 2"W, 1-1/2" V STUD-OUT WITH CAP TO TERMINATE AT 36" A.F.F. FOR FUTURE SOFTENER.
 - SEE CIVIL SITE PLAN FOR CONTINUATION.
 - SHUT OFF VALVE IN YARD OR WALL BOX. PROVIDE HODGEFLOW PREVENTER AS REQUIRED.
 - CAPPED 3/4" CW LANDSCAPE STUB WITH SHUT OFF AND CHECK VALVE IN YARD BOX. (VERIFY WITH LANDSCAPER)
 - PROVIDE 46 TO 60 PSI TO WATER METER. USE 1" METER & 1.5" BLDG. SUPPLY. PROVIDE PRESSURE REGULATOR, MAX 80 LBS. DEMAND IS 40.5 WSFU (300 FT ALLOWABLE LENGTH) (IF FIRE SPRINKLER IS REQUIRED VERIFY ACTUAL REQUIRED PIPE SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO INITIAL INSTALLATION)
 - 2 PSI GAS METER LOCATION TO BE VERIFIED W/ SOUTHWEST GAS SIZED PER TABLE 1215.2(4), UPC. 1 1/2" MAIN REQUIRED WITH TOTAL DEMAND OF 2207 CFH AND MOST REMOTE REG @ 131' TO REGULATOR 0.
 - 3/4" T&P RELIEF DRAIN PIPING(CPVC, STEEL OR HARD DRAWN COPPER TUBING) TO TERMINATE OUTSIDE AT 6" ABOVE GRADE IN A DOWNWARD POSITION.
 - STUB-OUT FOR REVERSE OSMOSIS. PROVIDE 3/8" R.O. LINES TO REFRIGERATOR AND OTHER APPLIANCES SPECIFIED BY BUILDER.
 - D'MAND REDUC SYSTEM(EQUAL)-MODEL 200 PUMP-BUTTON OR MOTION SENSOR DETERMINED BY OWNER. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
 - CW SHUT-OFF FOR REDUC SYSTEM

REVISION	DATE	COMMENT
1	10/24/24	BUDG DEPT COMMENTS
2		
3		
4		
5		

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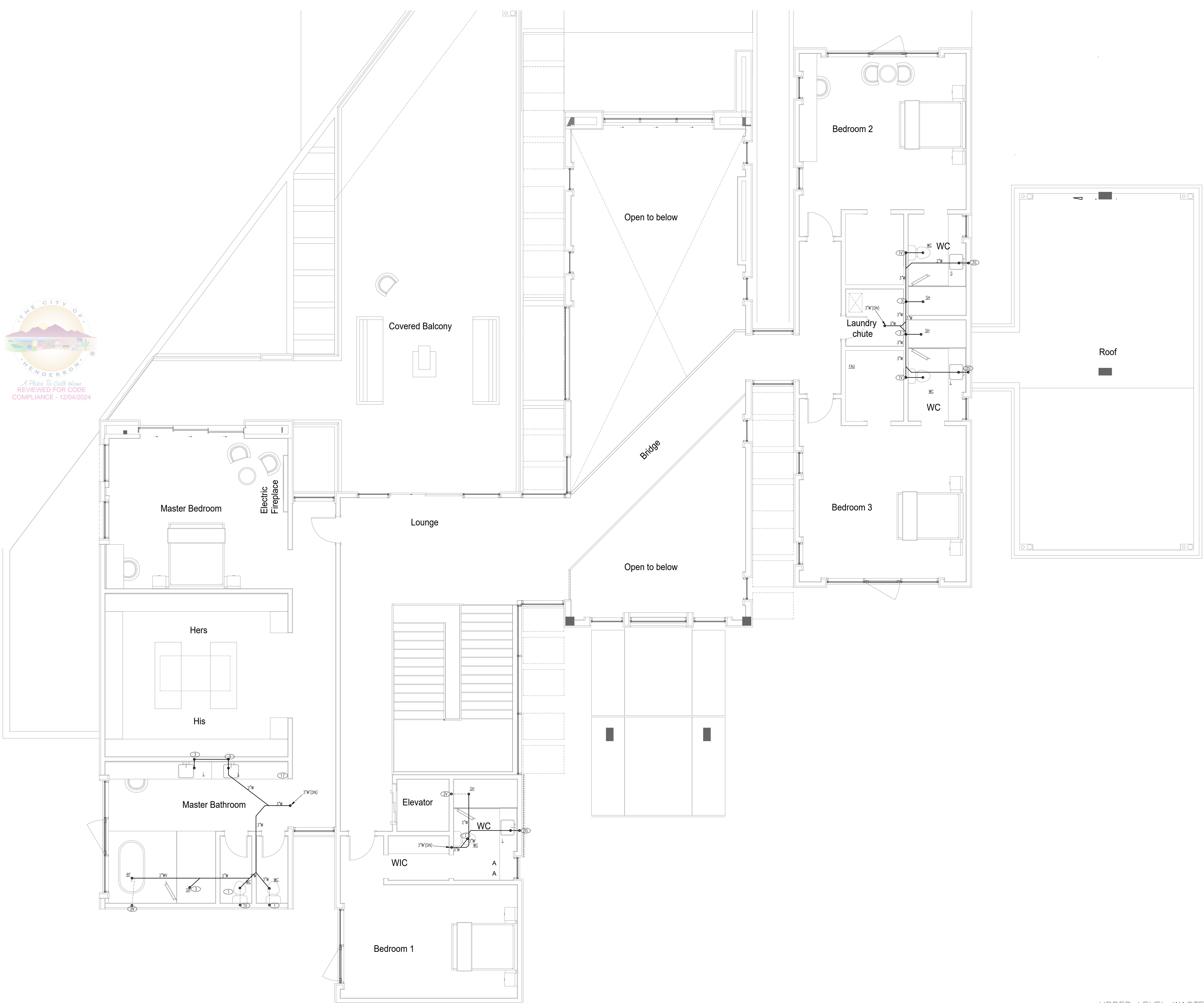
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MECHANICAL
MONTEZ LOVE
8/26/24
EXPIRES 12/31/25

CHECKED BY: ML
DRAWN BY: JP
DATE: 8/22/24
SCALE: 1/4" = 1'-0"

SHEET NUMBER:
P1.1



UPPER LEVEL WASTE & WATER PLAN
SCALE: 1/4"=1'

REVISION	DATE	COMMENT
1	10/24/24	BLDG DEPT COMMENTS
2		
3		
4		
5		
6		



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PLUMBING PLAN

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CHECKED BY: **M.L.**
DRAWN BY: **J.P.**
DATE: **8/22/20**
SCALE: **1/4" = 1'**

SHEET NUMBER:
P2.1