

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	ROOM	CW	HW	WASTE	VENT	NOTES
WC-1, WC-2	WATER CLOSET, FLOOR, TANK, 1.28 GPF, ADA RIM 17-19 IN	101, 102	1/2"	-	3"	2"	GRAB BARS BY ARCH
WC-3	WATER CLOSET, FLOOR, TANK, 1.28 GPF, STANDARD	103	1/2"	-	3"	2"	
L-1, L-2	LAVATORY, WALL, HUNG, ADA, 0.5 GPM	101, 102	1/2"	1/2"	1-1/2"	1-1/4"	ASSE 1070 MIXING
L-3	LAVATORY, WALL, HUNG, 0.5 GPM	103	1/2"	1/2"	1-1/2"	1-1/4"	ASSE 1070 MIXING
BF-1	BOTTLE FILLER + HI-LO FOUNTAIN, EXTERIOR	SOUTH FACE	1/2"	-	1-1/4"	1-1/4"	FREEZE-RESISTANT
MSB-1	MOP SERVICE BASIN, FLOOR, 24 x 24	104	1/2"	1/2"	3"	1-1/2"	VACUUM BREAKER
HS-1, HS-2	HAND SINK, WALL, HUNG, FOOD SERVICE	105	1/2"	1/2"	1-1/2"	1-1/4"	HS-1 TO V-4
HS-3	HAND SINK, BAR	100	1/2"	1/2"	1-1/2"	ISLAND	UPC 909 ISLAND VENT
S-1	3-COMPARTMENT SINK, 18x18x12, 2 DRAINBOARDS	105	3/4"	3/4"	2"	1-1/2"	DIRECT, UPC 704.3
PR-1	PRE-RINSE SPRAY UNIT, 1.15 GPM	105	1/2"	1/2"	TO TABLE	-	
IM-1	ICE MACHINE CONNECTION, FILTER	105	1/2"	-	IND TO FS-2	-	CATERER UNIT
FS-1, FS-2	FLOOR SINK, 12 x 12, 1/2 GRATE	105	-	-	3"	2"	TRAP PRIMER
HB-1	WALL HYDRANT, FROST FREE, ASSE 1019	PATIO	3/4"	-	-	-	BY OWNER YARD LINE
HB-2	WALL HYDRANT, FROST FREE, ASSE 1019	NORTH WALL	3/4"	-	-	-	HOSE
EC-1	EVAP COOLER FILL, FLOAT, DRAIN-DOWN VALVE	WING ROOF	1/2"	-	BLEED	-	TO GUTTER

EQUIPMENT SCHEDULE

TAG	ITEM	SIZE / RATING	VIPH	NOTES
WH-1	ELECTRIC TANK WATER HEATER	50 GAL., 2 x 4.5 KW NON-SIMULTANEOUS	208/1	140 F STORE, ASSE 1017 MIXING TO 120 F, EXP TANK, T&P TO FLOOR
GI-1	GRAVITY GREASE INTERCEPTOR	SIZE BY SEPTIC DESIGNER	-	OUTDOOR, IN-GROUND, TRAFFIC LID NOT REQUIRED
LP-1	PROPANE TANK, ABOVE GROUND	500 GAL WATER CAPACITY	-	SUPPLIER OWNED, 10 FT FROM BUILDING, 2-STAGE REGULATION
W-1	WATER SERVICE ENTRY	1" SHUTOFF + DUAL CHECK + GAUGE	-	SEDIMENT FILTER, WELL AND PRESSURE TANK BY OWNER

LP GAS PIPE SIZING (IFGC 402.4 LOW PRESSURE, 11 IN WC, 0.5 IN DROP, 80 FT)

SEGMENT	LOAD MBH	CFM LP (2.516 BTU/FT3)	SIZE	NOTES
2ND STAGE REG TO HEADER TEE	150	59.6	3/4" SCH 40	D = 0.74 IN REQ'D. PIPELINE SHOWED 1-1/4 IN ON THE NG BASIS
HEADER TO IR-1 / IR-2	75 EA	29.8	1/2" SCH 40	SEDIMENT TRAP + SHUTOFF AT EACH HEATER

PIPE MATERIALS

SERVICE	MATERIAL	JOINTS
CW / HW ABOVE SLAB	PEX-A ASTM F876 OR TYPE L COPPER	EXPANSION / SOLDER
CW / HW BELOW SLAB	PEX-A, CONTINUOUS LENGTH, SLEEVED AT SLAB	NONE BELOW SLAB
SANITARY + VENT	PVC SCH 40 DWV SOLID WALL	SOLVENT WELD
LP GAS, ABOVE GROUND	SCH 40 BLACK STEEL	THREADED
LP GAS, BURIED	PE ASTM D2513 WITH TRACER WIRE (BY LP SUPPLIER)	HEAT FUSION

PIPELINE SIZE vs DRAWN SIZE

ITEM	PIPELINE	DRAWN	REASON
TR BRANCHES (WC)	2"	3"	UPC TABLE 702.1: WC DRAIN MIN 3 IN. TOOL GAP.
STAGING COLLECTOR	2-1/2"	3"	2-1/2 IN IS NOT A STANDARD DWV SIZE
BUILDING DRAIN (TOILETS)	3"	4"	3 WCS + UPC 703.2 LIMIT FOR 3 IN HORIZONTAL, ADDS MARGIN
BUILDING SEWER	3"	4"	SEPTIC INLET, CLEANOUT PRACTICE
STAGING WATER	1/2"	3/4"	3-COMP FILL AT 1/2 IN = 7+ FPS; 3/4 IN = 3.8 FPS
VENT STACKS	3"	2" + 3" VTR	DFU PER STACK SMALL; 3 IN AT ROOF FOR FROST
LP HEADER	1-1/4"	3/4"	TOOL USED NATURAL GAS AT 7 IN WC
HS-1 / HS-3 VENT	-	V-4 / ISLAND	UPC: AAV ONLY WITH AHJ APPROVAL

SCHEDULE NOTES

1. PIPELINE = DESIGN XLSX PIPE SIZING TAB FROM THE DESIGN RUN, ON 2026-09-30. EVERY CHANGE IS LISTED ABOVE WITH ITS REASON SO A REVIEWER CAN CHECK IT.
2. TOILET COUNT FOR 99 GUESTS STILL NEEDS THE MONTANA FIXTURE COUNT CHECK (ARM 24.301.351, UPC TABLE 422.1). THREE SINGLE-USER ROOMS ARE SHOWN.
3. STAGING IS A CATERER STAGING AREA, NOT A FULL COMMERCIAL KITCHEN. COUNTY ENVIRONMENTAL HEALTH PLAN REVIEW MAY ADD FIXTURES.
4. FIXTURES ARE BASIS-OF-DESIGN LEVEL. PRODUCT SELECTIONS BY THE CONTRACTOR, SUBMIT FOR REVIEW.

SUTTON MECHANICAL & ENVIRONMENTAL

PROJECT NO: 2026-12
PROJECT: FARMWILD ORANGERY
CLIENT: FARMWILD



PLUMBING SCHEDULES

DRAWN BY: MS
DATE: 2026-09-30

P-601
REV: A