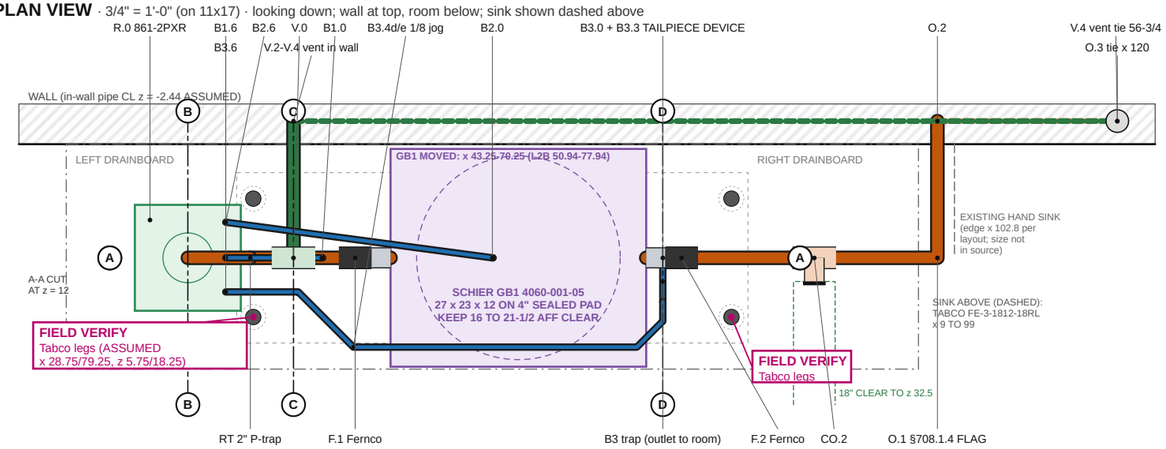
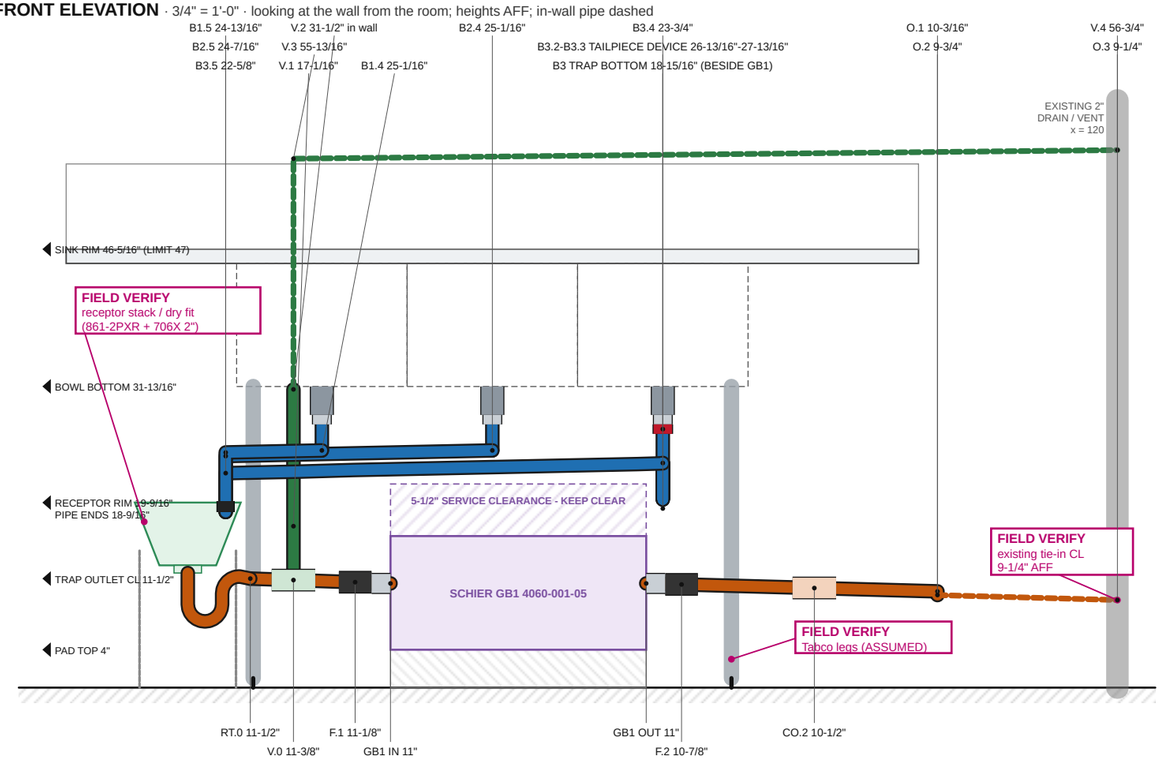
2751 E Oakland Park Blvd · PLB-COM-26070327 · 3-Compartment Sink Drainage · Layout 2 rev D

Every fitting is tagged with its GEOMETRY.json ID; x / z / AFF for each ID are in the fitting schedule. L2D: bowl-3 7/16" restriction moved to the tailpiece above its trap (Schier memo 8/15/25); sink rim recomputed (sheet 3).

PLAN VIEW · 3/4" = 1'-0" (on 11x17) · looking down; wall at top, room below; sink shown dashed above



FRONT ELEVATION · 3/4" = 1'-0" · looking at the wall from the room; heights AFF; in-wall pipe dashed

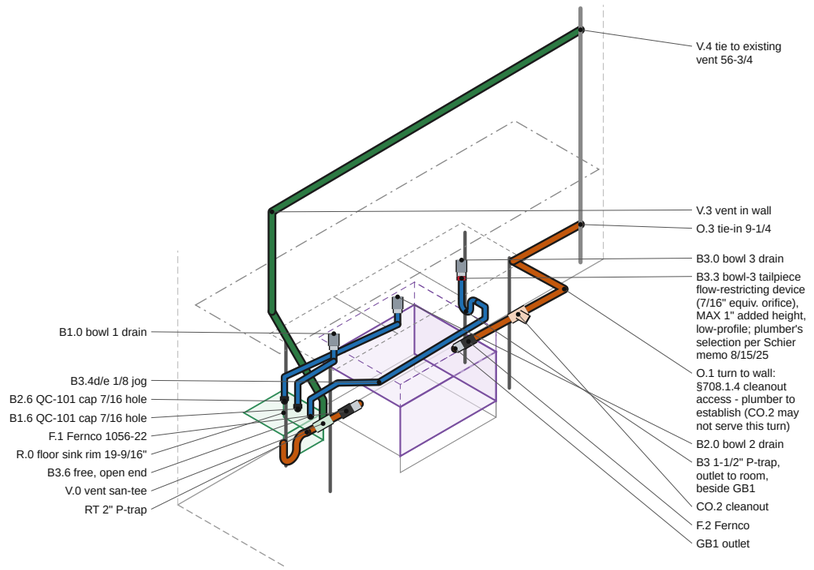


1-1/2" indirect waste (bowl lines) · 2" drainage (trap, arm, outlet) · 2" vent · dashed = inside wall (z −2.44 ASSUMED)

GB1 5-1/2" clearance (keep clear) · FIELD VERIFY

Pipe widths are drawn schematically (not to OD). Fittings are at the centreline points listed in the schedule. The sink, bowls and legs are shown for reference only; leg positions are ASSUMED (Tabco does not publish them).

ISOMETRIC · not to scale (about 1/2" = 1'-0") · viewed from the front left, above



FITTING SCHEDULE · TAIL_L2D · decimal inches from GEOMETRY.json (centrelines)

ID	Item	x	120−x	z	AFF	AFF (1/16)
B1.0	Bowl 1 drain CL / bowl bott	36.00	84.00	12.00	31.79	31-13/16"
B1.1	Strainer body bottom	36.00	84.00	12.00	28.79	28-13/16"
B1.2	Female adapter, bottom	36.00	84.00	12.00	27.79	27-13/16"
B1.4	LS 1/4 bend to horizontal	36.00	84.00	12.00	25.04	25-1/16"
B1.5	LS 1/4 bend over receptor	25.84	94.16	12.00	24.83	24-13/16"
B1.6	End QC-101 cap, 7/16" hole	25.84	94.16	12.00	18.54	18-9/16"
B2.0	Bowl 2 drain CL / bowl bott	54.00	66.00	12.00	31.79	31-13/16"
B2.1	Strainer body bottom	54.00	66.00	12.00	28.79	28-13/16"
B2.2	Female adapter, bottom	54.00	66.00	12.00	27.79	27-13/16"
B2.4	LS 1/4 bend to horizontal	54.00	66.00	12.00	25.04	25-1/16"
B2.5	LS 1/4 bend over receptor	25.84	94.16	8.24	24.45	24-7/16"
B2.6	End QC-101 cap, 7/16" hole	25.84	94.16	8.24	18.54	18-9/16"
B3.0	Bowl 3 drain CL / bowl bott	72.00	48.00	12.00	31.79	31-13/16"
B3.1	Strainer body bottom	72.00	48.00	12.00	28.79	28-13/16"
B3.2	Female adapter, bottom	72.00	48.00	12.00	27.79	27-13/16"
B3.3	Bowl-3 tailpiece device (*)	72.00	48.00	12.00	26.79	26-13/16"
B3.4	1-1/2 P-trap outlet CL, tra	72.00	48.00	12.00	23.72	23-3/4"
B3.4o	Trap outlet hub mouth	72.00	48.00	16.62	23.72	23-3/4"
B3.4b	1/8 bend	72.00	48.00	18.69	23.68	23-11/16"
B3.4c	1/8 bend , line now at z 21	69.26	50.74	21.43	23.60	23-5/8"
B3.4d	1/8 bend	39.33	80.67	21.43	22.97	23"
B3.4e	1/8 bend	33.50	86.50	15.60	22.80	22-13/16"

ID	Item	x	120−x	z	AFF	AFF (1/16)
B3.5	LS 1/4 bend over receptor	25.84	94.16	15.60	22.64	22-5/8"
B3.6	End free, open pipe end	25.84	94.16	15.60	18.54	18-9/16"
R.0	Receptor rim / CL	21.84	98.16	12.00	19.54	19-9/16"
R.1	Receptor sump floor	21.84	98.16	12.00	13.16	13-3/16"
R.2	Receptor hub bottom	21.84	98.16	12.00	12.10	12-1/8"
RT.0	2" P-trap outlet hub	28.44	91.56	12.00	11.51	11-1/2"
RT.1	Trap weir	27.69	92.31	12.00	11.54	11-9/16"
V.0	Vent san-tee CL	33.00	87.00	12.00	11.35	11-3/8"
V.1	1/8 bend , roll toward wall	33.00	87.00	12.00	17.04	17-1/16"
V.2	1/8 bend in wall to vertic	33.00	87.00	-2.44	31.48	31-1/2"
V.3	LS 1/4 bend in wall to hor	33.00	87.00	-2.44	55.84	55-13/16"
V.4	Tie into existing 2" vent	120.00	0.00	-2.44	56.75	56-3/4"
F.1	Fernco coupling centre	39.52	80.48	12.00	11.13	11-1/8"
GI.in	GB1 inlet face / 4" FPT CL	43.25	76.75	12.00	11.00	11"
GI.out	GB1 outlet face	70.25	49.75	12.00	11.00	11"
F.2	Fernco coupling centre	73.98	46.02	12.00	10.90	10-7/8"
CO.2	Outlet cleanout tee CL, plu	88.00	32.00	12.00	10.52	10-1/2"
O.1	LS 1/4 bend to wall (**)	101.00	19.00	12.00	10.16	10-3/16"
O.2	LS 1/4 bend in wall, turn	101.00	19.00	-2.44	9.77	9-3/4"
O.3	Tie-in at existing stack	120.00	0.00	-2.44	9.25	9-1/4"
B3 trap	1-1/2" trap U bottom (DER)	72.00	48.00	13.27	18.91	18-15/16"
RT trap	2" trap U bottom (DER)	23.66	96.34	12.00	5.80	5-13/16"

(*) B3.2-B3.3: Bowl-3 tailpiece flow-restricting device, 7/16" equivalent orifice, MAX 1" added height (low-profile, e.g. orifice disc in a coupling) — selected by plumber per Schier Technical Memo 8/15/25. Each extra inch of device height raises the sink rim 1".
(**) O.1: §708.1.4 cleanout access at change of direction — plumber to establish fitting arrangement (CO.2 at x 88 may not serve this turn)

REFERENCE LAYOUT FOR PLUMBER REVIEW
NOT FOR CONSTRUCTION UNTIL STAMPED

PROJECT
Awa Na Kava, Inc. · 2751 E Oakland Park Blvd, Fort Lauderdale, FL

PERMIT
PLB-COM-26070327 · 3-compartment sink drainage (for redraw into sheet P-1)

LAYOUT
Layout 2 rev D · geometry L2D, variant TAIL_L2D (as L2C; bowl-3 7/16" restriction moved to the tailpiece above the trap)

SHEET
L2-1 Plan, front elevation, isometric, fitting schedule

DATE
11/3/26

NO.
L2-1 of 3

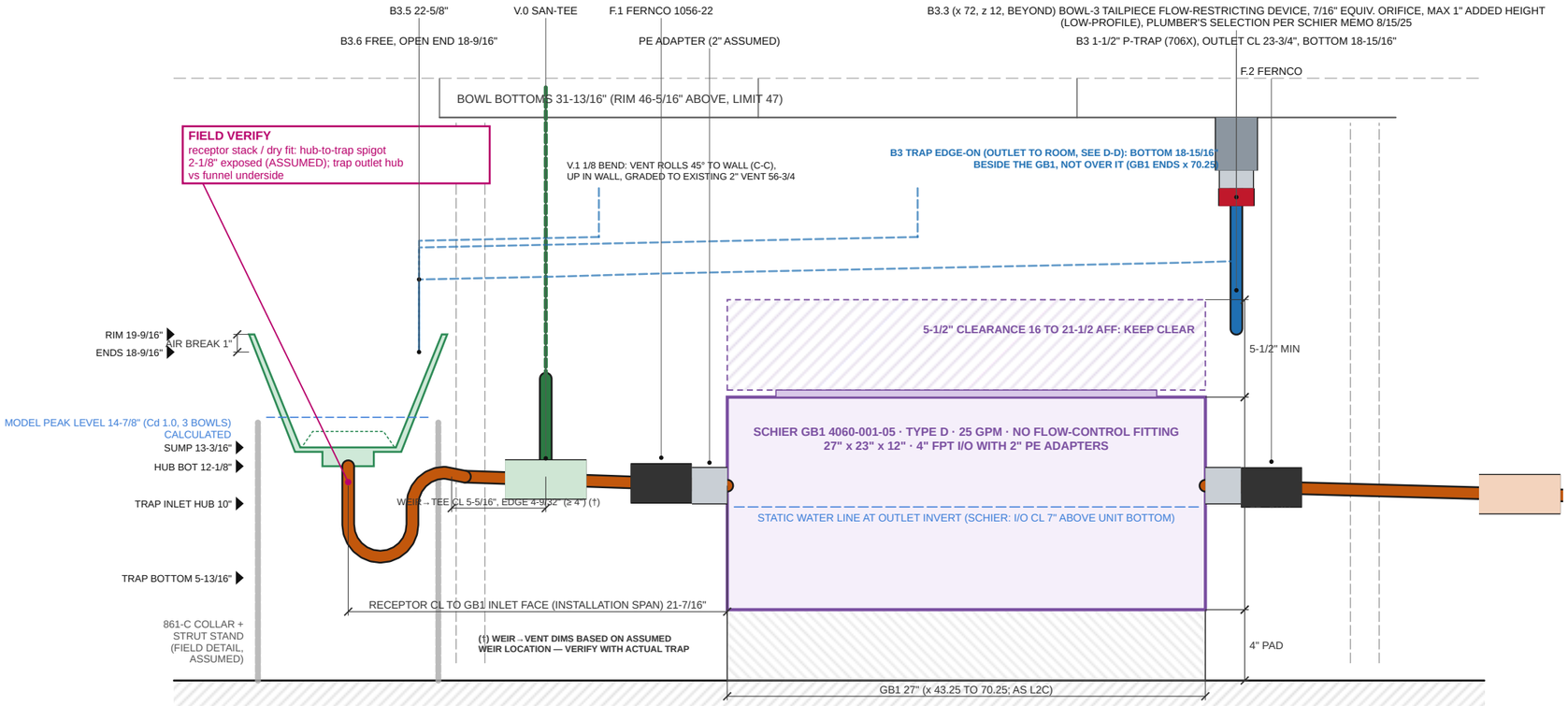
REVIEW
Dan (plumber) · Jim (drafting) · Mark (engineer of record)

SOURCE
GEOMETRY.json (L2D, 11/3/26); maker sheets. Units: inches AFF. x along wall, existing 2" CL at x = 120 (distance from that CL = 120 − x); z out from finished wall face.

2751 E Oakland Park Blvd · PLB-COM-26070327 · 3-Compartment Sink Drainage · Layout 2 rev D

Sections cut through the model built from GEOMETRY.json. Trap shapes are schematic between Charlotte 706X A / B / C points.

SECTION A-A · 1-1/2" = 1'-0" · cut at z = 12 through floor sink, trap, vent tee and GB1, looking at the wall; bowl lines shown dashed (bowl 3 is in front of the cut)



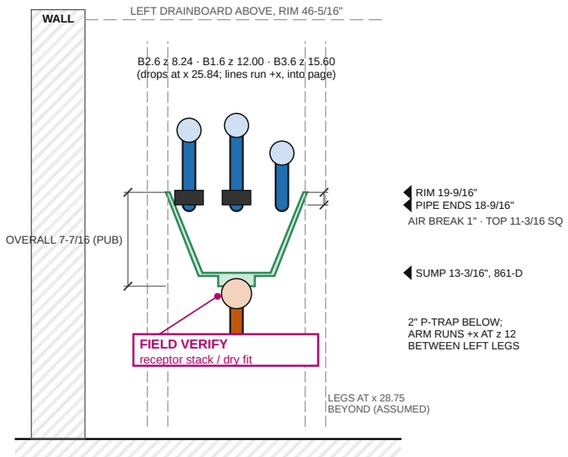
AIR BREAK. Each bowl line ends 1" below the floor-sink rim (18.54 vs 19.54 AFF), inside the 11-3/16" opening, above the trap seal and above the modelled peak level (3.18" margin below the pipe end − 1/2" at Cd 1.0, three bowls at once; calculated).

GB1 CLEARANCE. 16 to 21-1/2 AFF over the full 27 x 23 top must stay clear (Schier: "at least 5½" of clearance above the interceptor"). Everything drawn clears it by ≥ 1/2"; the bowl-3 trap is beside the unit (x 72 vs GB1 end 70.25). Bowl-2 line bottom over the GB1: 23.87; bowl-3 line: 22.12.

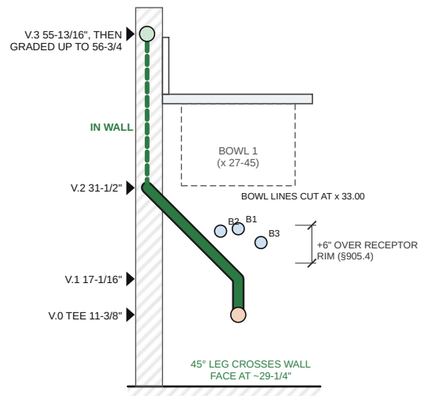
VENT. San-tee branch up at x 33.00; 45° roll to the wall; concealed in the wall to the existing 2" vent at x 120, 56-3/4" AFF (new san-tee with PVC solvent-weld repair couplings, §705.10.1).

- 1-1/2" indirect waste (bowl lines)
- 2" drainage (trap, arm, outlet) — 2" vent
- dashed = inside wall (z −2.44 ASSUMED)
- GB1 5-1/2" clearance (keep clear) — FIELD VERIFY

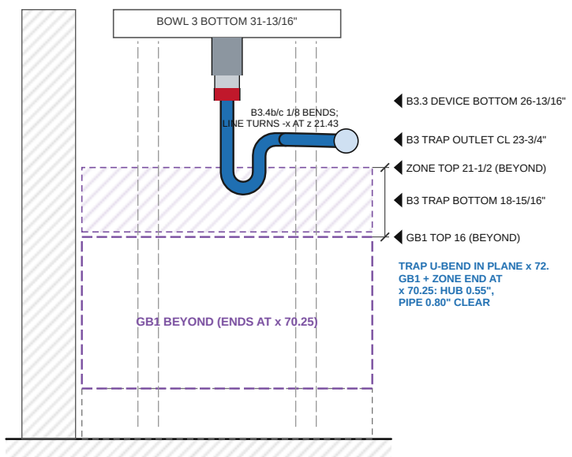
SECTION B-B · 1" = 1'-0" · at x = 21.84 through the floor sink (air break), looking toward +x



SECTION C-C · 1/2" = 1'-0" · at x = 33.00 through the vent



SECTION D-D · 1" = 1'-0" · at x = 72 through the bowl-3 trap (U-bend in this plane), looking toward -x; GB1 beyond



REFERENCE LAYOUT FOR PLUMBER REVIEW
NOT FOR CONSTRUCTION UNTIL STAMPED

PROJECT
Awa Na Kava, Inc. · 2751 E Oakland Park Blvd, Fort Lauderdale, FL

PERMIT
PLB-COM-26070327 · 3-compartment sink drainage (for redraw into sheet P-1)

LAYOUT
Layout 2 rev D · geometry L2D, variant TAIL_L2D (as L2C; bowl-3 7/16" restriction moved to the tailpiece above the trap)

SHEET
L2-2 Sections: floor sink, trap, vent, GB1, air break, clearance

DATE
11/3/26

NO.
L2-2 of 3

REVIEW
Dan (plumber) · Jim (drafting) · Mark (engineer of record)

SOURCE
GEOMETRY.json (L2D, 11/3/26); maker sheets. Units: inches AFF. x along wall, existing 2" CL at x = 120 (distance from that CL = 120 − x); z out from finished wall face.

2751 E Oakland Park Blvd · PLB-COM-26070327 · 3-Compartment Sink Drainage · Layout 2 rev D

Read with sheets L2-1 and L2-2.

GENERAL NOTES

1. This set draws GEOMETRY.json (**L2D**, 11/3/26), variant **TAIL_L2D**. All coordinates are pipe centrelines in inches. Heights are AFF. Tags: **PUB** = maker/catalog published; **DER** = derived from PUB; **ASSUMED** = not published; **FIELD VERIFY** = measure on site before cutting pipe.
2. **Sink rim 46.29** (owner limit ≤ 46 preferred, ≤ 47 acceptable; L2C was 45.82). Governed by GB1 5-1/2 clearance (+1/2) with the bowl-3 tailpiece device at its MAX 1.0" added height; rim = 45.29 + device height, so a device ≤ 1.71" tall keeps the rim ≤ 47. If the rim changes, every bowl-line height moves with it; the receptor trap, trap arm, GB1 and outlet heights do not.
3. Advance Tabco FE-3-1812-18RL(-X): 90" x 23-3/4", 18x18x12 bowls, 1-1/2" IPS S/S basket drains (included), rim = bowl bottom + 14-1/2" (PUB). Standard working height is 37" (PUB): a 46.29" rim needs legs about 9" longer (K-473 or replacement legs, see BOM_ADDENDUM).
4. **Three independent 1-1/2" indirect waste lines**, one per bowl. Warewashing only — no food preparation (§802.1.7). Separate bowl lines are by design choice. Each ends 1" below the floor-sink rim (18-9/16" vs 19-9/16"; air break, §802.1.7, §802.3.2). Lines 1 and 2 end in a **Fernco QC-101** cap with a **7/16" hole** (project-sized application of the Schier "flow restriction end cap" detail; Schier support, Troy, 11/3/26: Fernco QC-101 caps with 7/16" holes "should be acceptable"). Line 3 ends as a free, open end (its restriction is on the tailpiece, note 5). Plan routing (as L2C): **bowl 1** straight at z 12 (horizontal 10.16"); **bowl 2** skewed **behind** the bowl-1 drop to z 8.24 (horizontal 28.41" ≤ 30, untrapped); **bowl 3** in **front** (z 21.43, jogged to z 15.60 with two 1/8 bends before the left front leg).
5. **Bowl 3:** directly under the bowl-3 strainer and adapter (B3.2, 27.79 AFF) is the **Bowl-3 tailpiece flow-restricting device, 7/16" equivalent orifice, MAX 1" added height (low-profile, e.g. orifice disc in a coupling) — selected by plumber per Schier Technical Memo 8/15/25. Each extra inch of device height raises the sink rim 1".** (B3.2-B3.3, MAX 1.0" added height, bottom 26.79). Schier Technical Memo "Indirect Connections" (8/15/25, Sean B. Duffy, Schier Technical Support Engineer): "If an overflow occurs, it is recommended to limit the discharge flow rate from the fixture(s). This can be achieved by: Draining fewer compartments at a time; Installing a valve or another flow-restricting device on the tailpiece." **Bowl 3 is trapped** (56.39" horizontal > 30", §802.3; Schier support, Troy, 11/3/26: "I would recommend the trap upstream of the interceptor."): 1-1/2" Charlotte 706X **below the device, directly under bowl 3** (0" from the outlet, §1002.1 limit 30"), **outlet turned toward the room**; its U-bend lies in the plane x = 72, **beside the GB1, not over it**. Two 1/8 bends turn it to -x (each horizontal change 45°, so §708.1.4 "greater than 45 degrees" does not call for a cleanout); the trap discharges into a **free, open-ended line** to the floor sink (B3.6). Over the GB1 the line's pipe bottom is ≥ 22.0 AFF (21-1/2 + 1/2 = 22.0 required).
6. Floor sink: **Sioux Chief 861-2PXR** (no flange, 2" Sch 40 hub; top 11-3/16" sq, sump 6-3/8", overall 7-7/16" PUB), **861-D** dome strainer (removable, §802.4), **861-C** collar on a strut stand (field detail, ASSUMED). Under the LEFT drainboard, CL x 21.84, z 12. Rim 19.54 AFF. Open and accessible (§802.4).
7. Floor-sink trap: 2" Charlotte 706X, outlet CL 11.51 (RT.0). Receptor CL to GB1 inlet face (installation span) 21.41"; line at 0.41"/ft to the GB1 inlet CL 11.00 (§704.1). **Vent san-tee** (x 33.00, branch up) 5.31" from the weir to the tee CL, 4.28" to the vent-opening edge (≥ 4", §909.3): **based on ASSUMED weir location (trap outlet socket bottom) — verify with actual trap**. Then 2.49" of spare pipe, **Fernco 1056-22** (couple, do not glue) onto the GB1 2" PE adapter. **CO.1 is omitted.** Access on the inlet side is through the open floor sink and the GB1's removable inlet diffuser / inspection port (Schier -05 spec, note 10). **Plumber to confirm.** Optional: Charlotte 707X (2" trap with cleanout, A 6-3/4) fits within the spare.
8. Vent: from the san-tee up to 17.04, 45° toward the wall, up inside the wall to 55.84, then graded up (1/8"/ft ASSUMED) to a new san-tee cut into the existing 2" vent at x 120, 56-3/4", with **two PVC solvent-weld repair couplings** (Charlotte 2" DWV repair coupling, PVC-to-PVC; existing vent assumed PVC, FIELD VERIFY). FBC-P §705.10.1: "Mechanical joints shall not be installed in above-ground systems, unless otherwise approved." Fernco 1056-22 couplings are used only at the GB1 inlet and outlet (Schier: do not glue). §905.4, §905.5.
9. **Schier GB1 4060-001-05** (Type D, 25 gpm, no flow-control fitting per Schier note 5; Schier support, Troy, 11/3/26: "The GB1, certified to Type D, does not require a flow control"): at x 43.25-70.25 (as L2C), z 0.5-23.5, body 4.0-16.0 AFF on a 4" sealed pad (Troy, 11/3/26, "The base of the unit needs to be fully supported": pad under the full footprint). 4" FPT I/O CL 11.00 AFF, 2" PE adapters (protrusion 2" ASSUMED). **Keep 16 to 21-1/2 AFF clear over the whole unit** (Schier: "at least 5½""). Lowest pipe bottom over the unit +1/2": bowl 2 23.86, bowl 3 22.0.
10. Outlet: GB1 Outlet B (standard) → Fernco 1056-22 → 444X cleanout tee (x 88, plug to room, 18" clear) → LS 1/4 bend at x 101 (O.1, **FLAG: §708.1.4 cleanout access at change of direction — plumber to establish fitting arrangement (CO.2 at x 88 may not serve this turn)**) → into the wall (z −2.44 ASSUMED) → in-wall run to the existing tie-in at x 120, **9-1/4" AFF (FIELD VERIFY)**. Developed 64.19" (7.7" longer than L2B); fall 1.75" available vs 1.34" needed at 1/4"/ft (1.59 with allowance); uniform 0.327"/ft.
11. Studs (16" o.c.) must be bored for the in-wall runs at about 9.5-10.3 AFF (x 101-120) and 55.8-56.75 (x 33-120).
12. Hydraulics (**calculated**; L2C/L2B model, conservative K, 7/16" orifice, all 1-, 2-, 3-bowl releases; bowl 3 on a tailpiece basis, orifice 5.00" below the bowl bottom = bottom of the device allowance, maximum head): min air-break margin 4.88 / 4.46 / 3.18" and max flow into the GB1 9.38 / 12.3 / 15.38 gpm (< 25) at Cd 0.61 / 0.8 / 1.0: **PASS (calculated)**; the floor sink does not flood. Drain time from 12" full, Cd 0.61 / 0.8 / 1.0: bowls 1-2 352 / 269 / 215 s; bowl 3 480 / 366 / 293 s (about 8 / 6 / 5 min).
13. DFU tally to be confirmed by the plumber/engineer per FBC-P Table 709.1 and §709.4 (receptor load = connected fixture load, subject to the receptor minimum).

L2D · CHANGE FROM L2C, AND C1 / C2 (RESOLVED IN L2C)

1. **L2D**: the bowl-3 7/16" restriction moved from after the trap to the bowl-3 **tailpiece** (B3.2-B3.3), directly under the strainer and above the P-trap, per the Schier memo (note 5). The trap and line drop 1.0"; the sink rim rises from 45.82 to **46.29** to keep the bowl-3 line ≥ 22.0 over the GB1.
2. **C1** (bowl-3 trap inside the GB1 5-1/2" zone): the GB1 is moved 7.69" left so it ends at x 70.25; the trap stays under bowl 3 with its outlet turned to the room, so its U-bend (bottom 18.91) lies in the plane x 72, 0.55" (hub) / 0.80" (pipe) clear of the zone.
3. **C2** (bowl-3 line through the bowl-2 and bowl-1 drops): bowl 3 now runs in front (z 21.43 → 15.60), bowl 2 behind (to z 8.24), bowl 1 at z 12.
4. **Automated 3D clash check (L2D): 0 failures** (all pipes, hubs, Fernco couplings, caps, strainer bodies, the bowl-3 tailpiece device envelope vs each other, the four legs at their ASSUMED positions, the GB1 body and the 16-21.5 zone; ≥ 1/2" required). Tightest: B1-tail / B2-line 0.51"; B3 trap inlet hub / GB1 5-1/2 service zone 0.55"; B3 bend 5 / leg x28.75 z18.25 0.64"; leg x28.75 z5.75 / receptor 861-2PXR (box) 0.66"; leg x28.75 z18.25 / receptor 861-2PXR (box) 0.66".

FIELD VERIFY

1. **Bowl-3 tailpiece device height**: the selected valve or fixed restrictor must add no more than 1.0" between the female adapter and the trap inlet hub. Each extra inch of device height raises the sink rim 1".
2. **Tabco leg positions** (x 28.75 / 79.25, z 5.75 / 18.25 ASSUMED; not published) and any side rails of the H-leg pairs. The tightest clearances above are leg-related.
3. **GB1 pad location** (x 43.25-70.25): set from these dimensions, not from the L2B set; full support under the unit base.
4. **Receptor stack / dry fit**: 861-2PXR + 2" 706X (stack 7.80" ASSUMED), and the line-end positions inside the funnel (taper below the rim not published).
5. **O.1 (x 101, 90° turn into the wall): §708.1.4 cleanout access at change of direction — plumber to establish fitting arrangement (CO.2 at x 88 may not serve this turn).** Keep the 18" access envelopes.
6. **Existing tie-in height 9-1/4" AFF** at x 120 (and the vent tie at 56-3/4"). The outlet fall depends on it.
7. GB1 cover (C21M, 21-1/2") lift-out under the bowl-3 line, which crosses the front of the unit with its pipe bottom at 22.0"+ AFF.

PARTS NOT IN THE LIST

Extended sink legs; strut fasteners and brackets; pipe hangers and supports; GB1 sealed pad; the x = 120 tie-in fitting (plumber rebuilds it); firestopping and wall patching. The bowl-3 tailpiece device is listed as 7a, plumber's selection (note 5). Prices are in BOM.md, not on this sheet.

CODE BASIS · FBC-P 2023 (8th ed.), quoted from the UpCodes text

> **802.1.7 Food Utensils, Dishes, Pots and Pans Sinks.** "Sinks, in other than dwelling units, used for the washing, rinsing or sanitizing of utensils, dishes, pots, pans or service ware used in the preparation, serving or eating of food shall discharge indirectly through an air gap or an air break to the drainage system."

> **802.3 Installation.** "Indirect waste piping shall discharge through an air gap or air break into a waste receptor. Waste receptors shall be trapped and vented and shall connect to the building drainage system. Indirect waste piping that exceeds 30 inches (762 mm) in developed length measured horizontally, or 54 inches (1372 mm) in total developed length, shall be trapped." (Says whether, not where.)

> **1002.1 Fixture Traps** (part). "The vertical distance from the fixture outlet to the trap weir shall not exceed 24 inches (610 mm), and the horizontal distance shall not exceed 30 inches (762 mm) measured from the centerline of the fixture outlet to the centerline of the inlet of the trap."

> **802.3.2 Air Break.** "An air break shall be provided between the indirect waste pipe and the trap seal of the waste receptor."

> **802.4 Waste Receptors.** "For other than hub drains that receive only clear-water waste and standpipes, a removable strainer or basket shall cover the outlet of waste receptors. Waste receptors shall not be installed in concealed spaces. ..."

> **708.1.1** (part). "Horizontal drainage pipes in buildings shall have cleanouts located at intervals of not more than 100 feet ... The interval length shall be measured from the cleanout or man-hole opening, along the developed length of the piping to the next drainage fitting providing access for cleaning, the end of the horizontal drain or the end of the building drain. Exception: Horizontal fixture drain piping serving a non-removable trap shall not be required to have a cleanout for the section of piping between the trap and the vent connection for such trap."

> **705.10.1** (part). "Mechanical joints shall not be installed in above-ground systems, unless otherwise approved."

> **708.1.4 Changes of Direction** (part). "Where a horizontal drainage pipe ... has a change of horizontal direction greater than 45 degrees (0.79 rad), a cleanout shall be installed at the change of direction."

> **909.3 Crown Vent.** "A vent shall not be installed within two pipe diameters of the trap weir."

> **905.4 Vertical Rise of Vent.** "Every dry vent shall rise vertically to a point not less than 6 inches (152 mm) above the flood level rim of the highest trap or trapped fixture being vented."

> **704.1 Slope of Horizontal Drainage Piping.** 2-1/2" or less: 1/4 inch per foot.

SCHIER TEXT

> **GB1 4060-001-05 spec sheet, rev A 10/06/2025:** (1) "4" FPT inlet/outlet with 2" and 3" plain end fittings" · (5) "This unit does not require flow control for 25 GPM applications" · (9) "Vent not required unless per local code" · (10) "Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping". Top view: Outlet "A" / "C" (Optional) side outlets, 9-3/8" from the outlet end; no side inlet.

> **Schier Technical Memo "Indirect Connections" (8/15/25, Sean B. Duffy, Schier Technical Support Engineer):** "If an overflow occurs, it is recommended to limit the discharge flow rate from the fixture(s). This can be achieved by: Draining fewer compartments at a time; Installing a valve or another flow-restricting device on the tailpiece."

> **Schier technical support (Troy, 11/3/26):** Fernco QC-101 caps with 7/16" holes "should be acceptable" · "The GB1, certified to Type D, does not require a flow control" · 4" pad: "The base of the unit needs to be fully supported" · "I would recommend the trap upstream of the interceptor."

> **GB1 installation guide (2026):** "Allow at least 5½" of clearance above the interceptor for routine maintenance." · "Mechanically couple the inlet and outlet fittings to drainline using a flexible coupling. Do not glue or solvent weld." · "The GB1 is manufactured with three outlets. Only one outlet will be connected to the drainline and the other two must be plugged".

PARTS LIST (BOM.md, 11/3/26, with L2C/L2D changes: line 7 qty 3, 7a bowl-3 tailpiece device, line 8 qty 2, new 8a, line 12 qty 1, new 14a)

#	Item	Make / model	Qty	Key dims / use
1	Sink, 3-comp 90", 18x18x12 bowls, 18" drainboards both sides, galv legs	**Advance Tabco FE-3-1812-18RL(-X)**	1	PUB: 90 x 23-3/4; working height 37; rim = bowl bottom + 14-1/2; 1-1/2 IPS S/S basket drains included; 1-5/8 legs, 1" bullet feet. Leg positions not published. Rim 46.29 needs non-standard legs.
2	Grease interceptor 25 gpm Type D	**Schier GB1 4060-001-05**	1	PUB -05: 27 x 23 x 12; 4" FPT I/O CL 7"; 2"/3" PE adapters; 57.6 lb grease, 10 gal; 39 lb dry. Type D, 25 gpm.
3	Floor sink receptor, 2" hub, no flange	**Sioux Chief 861-2PXR**	1	PUB: top 11-3/16 sq, sump 6-3/8, overall 7-7/16; 2" Sch 40 hub; no flange.
4	Dome bottom strainer	**Sioux Chief 861-D**	1	ABS; 5-1/4 dia. Free area not published.
5	Receptor clamping collar (above-grade)	**Sioux Chief 861-C**	1	Listed on the maker sheet (above-grade collar).
6	Receptor stand frame, 1-5/8 strut, 10 ft	**Superstrut ZA12HS10EG (12 ga, galv)**	1	Field-designed stand (ASSUMED); fasteners and brackets by installer; stainless preferred in a wet area.
7	Flow-restriction cap, 1-1/2 (7/16" hole drilled)	**Fernco QC-101**	3	2 used, on the bowl-1 and bowl-2 line ends (B1.6, B2.6), + 1 spare; 7/16" hole drilled in each; Schier support (Troy, 11/3/26): "should be acceptable". NOT used on bowl 3 (see 7a). PUB: bore 1.895, OD 2.269, L 1.151, ASTM D5926.
7a	Bowl-3 tailpiece flow-restricting device, 7/16" equivalent orifice, MAX 1" added height (low-profile, e.g. orifice disc in a coupling) — selected by plumber per Schier Technical Memo 8/15/25. Each extra inch of device height raises the sink rim 1".	**Plumber's selection**	1	B3.2-B3.3, x 72: directly under the bowl-3 strainer, above the 1-1/2" P-trap. MAX 1.0" added height. Not priced.
8	Flexible coupling 2x2	**Fernco 1056-22**	2	GB1 inlet and outlet only (F.1, F.2; Schier: couple, do not glue). Not used at the x 120 vent tie-in (see 8a). PUB: L 3.451, OD 2.900.
8a	Repair coupling 2" DWV, PVC-to-PVC, solvent weld (vent tie-in V.4, x 120, 56-3/4")	**Charlotte 2" DWV PVC repair coupling**	2	Replaces the two Fernco 1056-22 at the vent tie-in: FBC-P §705.10.1. Catalog no. and price not read. Existing vent assumed PVC (FIELD VERIFY).
9	P-trap 2" DWV hub x hub (receptor)	**Charlotte 706X 2 (PVC00706X0800HD)**	1	Floor-sink trap. Charlotte DC-DWV p.57: A 6-19/32, B 4-3/4, C 2-1/4.
10	P-trap 1-1/2" DWV (bowl 3)	**Charlotte 706X 1-1/2 (PVC00706X0600HD)**	1	Bowl-3 trap, under bowl 3 below the tailpiece device, outlet turned to the room (+z). A 4-5/8, B 3-55/64, C 1-31/64.
11	Sanitary tee 2"	**Charlotte 400 2 (PVC004001000HD)**	2	Receptor-trap vent tee (x 33.00) + vent tie at 56-3/4 (x 120).
12	Cleanout tee with plug 2"	**Charlotte 444X 2 (PVC 00444X 0800HD)**	1	QTY 1 (since L2C; CO.2 at x 88 only; CO.1 omitted, note 7). O.1 turn at x 101: §708.1.4 flag, plumber to establish. Takeoff not published (2-5/16 ASSUMED).
13	Long-sweep 1/4 bend 2"	**Charlotte 304 2 (PVC003040800HD)**	3	Outlet O.1, O.2; vent V.3.
14	1/8 bend 2" hub x hub	**Charlotte 321 2 (PVC003211000HD)**	2	Vent V.1, V.2.
14a	1/8 bend 1-1/2" hub x hub (since L2C)	**Charlotte 321 1-1/2**	4	Bowl-3 line B3.4b-e. Takeoff 1-1/8 (PUB DC-DWV p.32). Price not read; not in BOM.md.
15	Long-sweep 1/4 bend 1-1/2"	**Charlotte 304 1-1/2 (PVC003040600HD)**	5	Bowl lines (2 + 2 + 1).
16	Female adapter 1-1/2 hub x FPT (to 1-1/2 IPS strainer)	**Charlotte 101 1-1/2 (PVC001010800HD)**	3	To the 1-1/2" IPS strainer. Thread gender ASSUMED male on the strainer.
17	Pipe 1-1/2 x 10 ft Sch40 DWV	**Charlotte PVC071120600**	2	About 160" of bowl lines (bowl 3 is the long one) plus waste; 2 sticks still cover it.
18	Pipe 2 x 10 ft Sch40 solid core	**Charlotte PVC 07200 0600**	3	About 222" (receptor-to-GB1 span 21, outlet 64, vent about 137) plus waste.
19	Primer + cement	**Oatey 302483 combo 8 oz**	1	

REFERENCE LAYOUT FOR PLUMBER REVIEW
NOT FOR CONSTRUCTION UNTIL STAMPED

PROJECT
Awa Na Kava, Inc. · 2751 E Oakland Park Blvd, Fort Lauderdale, FL

PERMIT
PLB-COM-26070327 · 3-compartment sink drainage (for redraw into sheet P-1)

LAYOUT
Layout 2 rev D · geometry L2D, variant TAIL_L2D (as L2C; bowl-3 7/16" restriction moved to the tailpiece above the trap)

SHEET
L2-3 General notes, code basis, Schier text, parts list, L2D change

DATE
11/3/26

NO.
L2-3 of 3

REVIEW
Dan (plumber) · Jim (drafting) · Mark (engineer of record)

SOURCE
GEOMETRY.json (L2D, 11/3/26); maker sheets. Units: inches AFF. x along wall, existing 2" CL at x = 120 (distance from that CL = 120 − x); z out from finished wall face.