



1 COUNTERTOP PLAN

SCALE: 3/8" = 1'-0"

COUNTERTOP DETAILS (SEAMS, SINKS, OVERHANGS, WATERFALLS) ON K-4

- Finished edge (profile in the schedule)
- Wall edge; blue line = backsplash (dashed = coved)
- Waterfall (WF) / mitered apron
- Seam (pieces T1, T1.2 ...)
- Dishwasher (DW): no seam over it

PREPARED BY

Sample Contracting Co.

PROJECT

Kitchen re-top and hall vanity

Client: Sample client

123 Example St

NOTICE

FOR ESTIMATING AND LAYOUT ONLY.
Not an engineered design. Template and verify every dimension in the field before cutting. Fabricate and install per the material maker's guide; dry-run CNC programs before cutting a slab.

REVISIONS

REV	DATE	DESCRIPTION
0	10/26/2026	Issued for fabrication

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10/26/2026

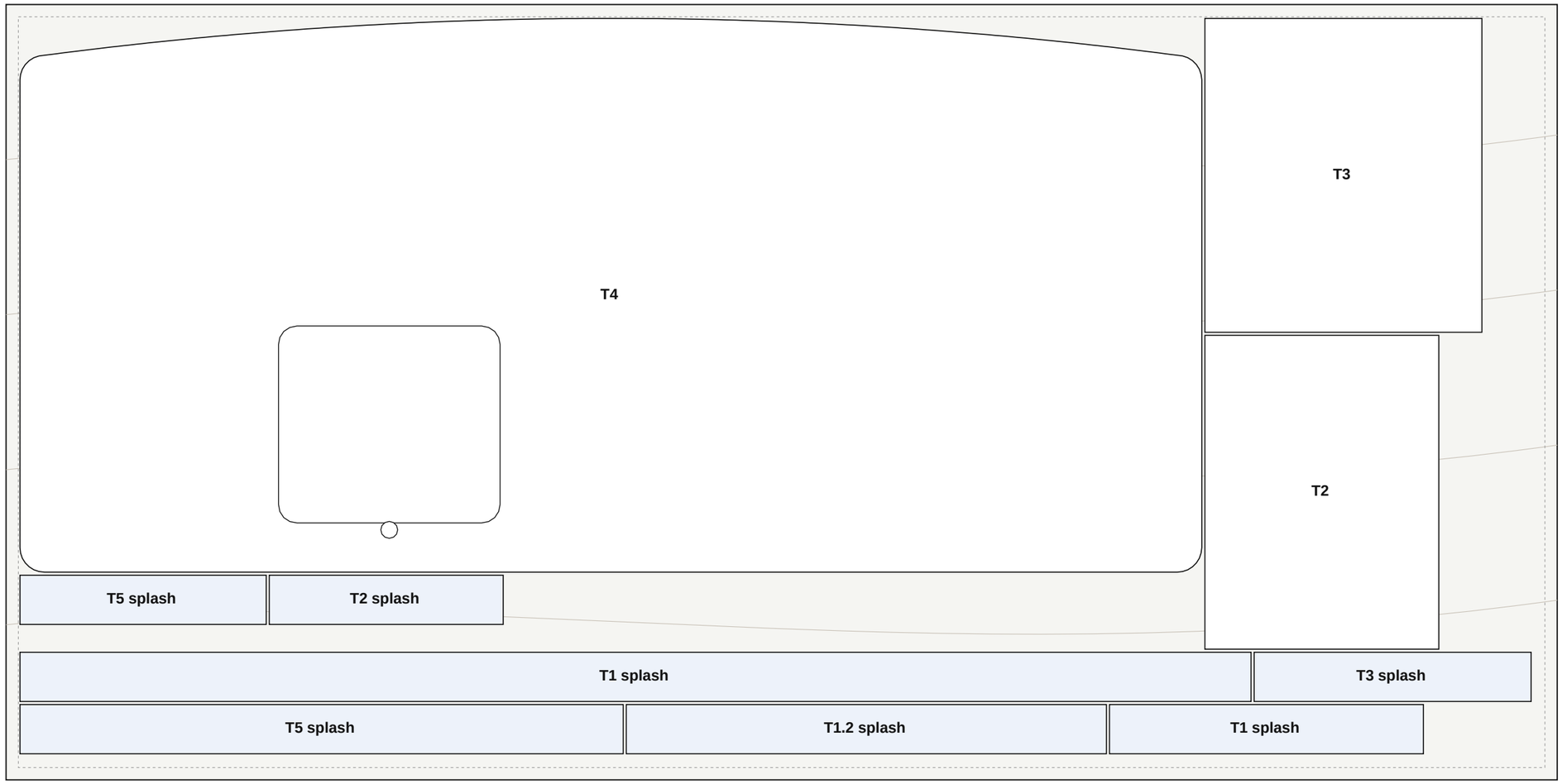
SCALE
3/8" = 1'-0"

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SC

SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
COUNTERTOP PLAN

K-1



2 SLAB LAYOUT: SLAB Q1

SCALE: Not to scale (fits the sheet)

Quartz slab 3 cm 10' 6" x 5' 3": 10 pieces, 80% used. Vein runs left to right; pieces keep it unless marked turned. Kerf 1/4", 1" trimmed off each edge.

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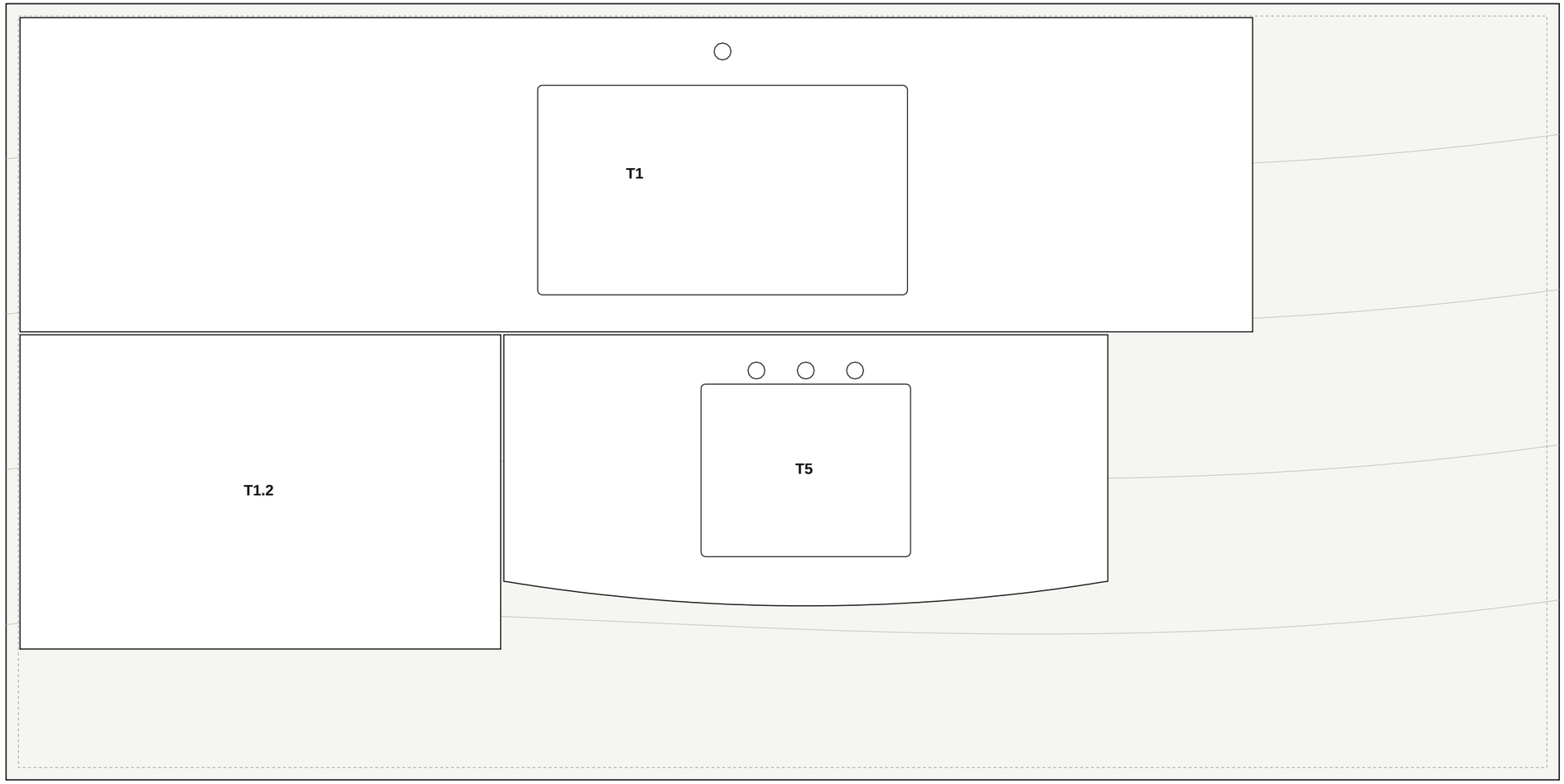
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SLAB LAYOUT: SLAB Q1

K-2



3 SLAB LAYOUT: SLAB Q2

SCALE: Not to scale (fits the sheet)

Quartz slab 3 cm 10' 6" x 5' 3": 3 pieces, 58% used. Vein runs left to right; pieces keep it unless marked turned. Kerf 1/4", 1" trimmed off each edge.

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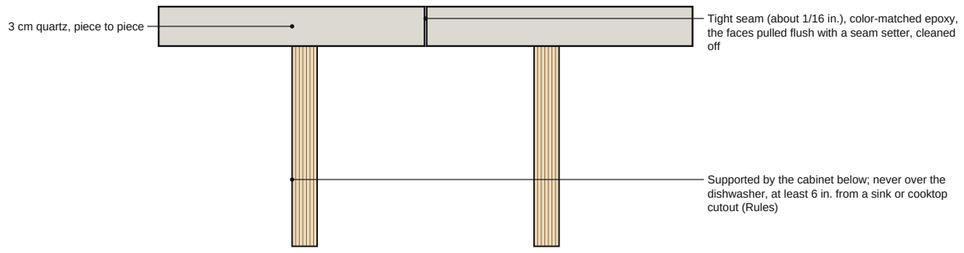
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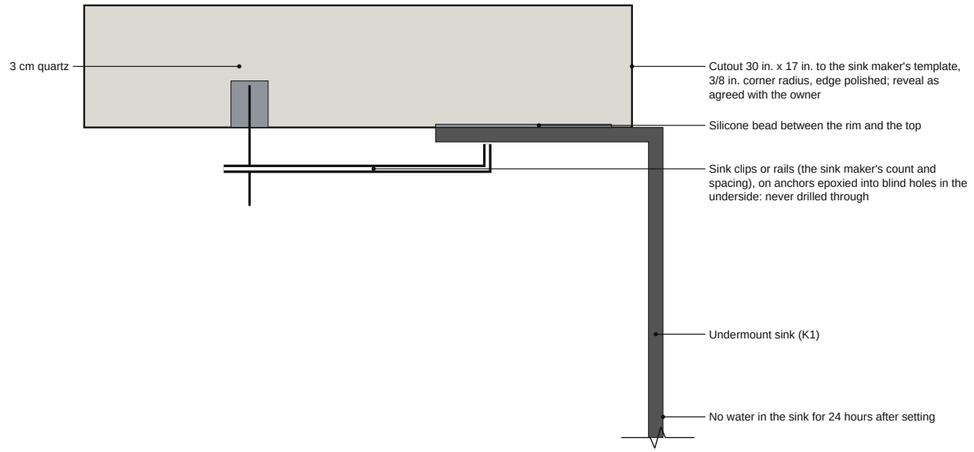
SHEET TITLE
SLAB LAYOUT: SLAB Q2

K-3



1 **SEAM: T1, T3** — NTS

REF: Stone maker's seam instructions



2 **UNDERMOUNT SINK: T1, T4, T5** — NTS

REF: Sink and clip makers' instructions

Typical detail, not to scale. Not an engineered design: verify with your building department and the manufacturer's installation instructions.

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COUNTERTOP DETAILS

K-4

SHOP STEPS: EACH PIECE IN ORDER (SAW, ROUTER, EDGES, FINISH)

#	STEP	TOOL	DEPTH	NOTE
T2 - Quartz - 1' 7" x 25 1/2" - Slab Q1				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Eased edge, 5' 10"	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
3	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T3 - Quartz - 1' 10 1/2" x 25 1/2" - Slab Q1				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Eased edge, 4'	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
3	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T4 - Quartz - 8' x 45" - Slab Q1				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Cut the undermount sink 18" x 16"	3/4" diamond finger bit (wet) (T23)	through	corners at 1 1/2" radius; polish the exposed edge
3	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
4	Eased edge, 14'	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
5	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T1 - Quartz - 8' 4" x 25 1/2" - Slab Q2				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Cut the undermount sink 30" x 17"	3/4" diamond finger bit (wet) (T23)	through	corners at 3/8" radius; polish the exposed edge
3	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
4	Eased edge, 6' 2 1/2"	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
5	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T1.2 - Quartz - 3' 3" x 25 1/2" - Slab Q2				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Eased edge, 5' 4 1/2"	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
3	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T5 - Quartz - 4' 1" x 22" - Slab Q2				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Cut the vanity sink (undermount) 17" x 14"	3/4" diamond finger bit (wet) (T23)	through	corners at 3/8" radius; polish the exposed edge
3	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
4	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
5	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
6	Half bullnose edge, 1' 8"	Diamond profile wheel - half bullnose (T31)	3/8 in.	profile wheels, then polish
7	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide

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SHOP STEPS

K-5

SCHEDULES, CUT LIST & BUY LIST

TAG	TOP	MATERIAL	AREA	EDGES, SPLASH, CUTOUTS, SEAMS
TOPS				
T1	Sink run	Quartz	24.6 sf	11.6 LF eased; 13.7 LF splash; 1 sink, 1 hole, 1 seam
T2	Run 2	Quartz	3.4 sf	5.8 LF eased; 1.6 LF splash
T3	Run 3	Quartz	4 sf	4 LF eased; 1.9 LF splash; 1 seam
T4	Island	Quartz	29.3 sf	22.7 LF eased; 1 sink, 1 hole
T5	Hall bath vanity	Quartz	7.3 sf	5.8 LF half bullnose; 5.8 LF splash; 1 sink, 3 holes

CUT LIST

PIECE	WHAT	SIZE	FROM	NOTE
T1	Top	8' 4" x 25 1/2"	Slab Q2	Sink 30" x 17"; 1 hole 1 3/8"; finished edge 6' 2 1/2"
T1.2	Top	3' 3" x 25 1/2"	Slab Q2	finished edge 5' 4 1/2"
T1 splash	Backsplash	8' 4" x 4"	Slab Q1	from the offcuts
T1 splash	Backsplash	2' 1 1/2" x 4"	Slab Q1	from the offcuts
T1.2 splash	Backsplash	3' 3" x 4"	Slab Q1	from the offcuts
T2	Top	1' 7" x 25 1/2"	Slab Q1	finished edge 5' 10"
T2 splash	Backsplash	1' 7" x 4"	Slab Q1	from the offcuts
T3	Top	1' 10 1/2" x 25 1/2"	Slab Q1	finished edge 4'
T3 splash	Backsplash	1' 10 1/2" x 4"	Slab Q1	from the offcuts
T4	Top	8' x 45"	Slab Q1	Sink 18" x 16"; 1 hole 1 3/8"; finished edge 14'
T5	Top	4' 1" x 22"	Slab Q2	Bowl 17" x 14"; 3 holes 1 3/8"; finished edge 1' 8"; from the offcuts
T5 splash	Backsplash	4' 1" x 4"	Slab Q1	from the offcuts
T5 splash	Backsplash	1' 8" x 4"	Slab Q1	from the offcuts

BUY LIST

ITEM	QTY	NOTE	COST
Quartz slab 3 cm 126 x 63"	2 slab	69% yield: 76.1 sf of pieces on 110.3 sf	$4,200
Seam epoxy kit, color-matched	1 each	2 seams and miters	$14
Undermount sink clips or rails (set)	3 set		$54
Silicone & setting adhesive (tube)	3 each		$27
MATERIAL TOTAL			$4,295

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SCHEDULES & BUY LIST

K-6

FABRICATION AND INSTALLATION NOTES

1. Template after the cabinets are set, level and fastened, with the sink, faucet and cooktop (or their cut sheets) on site. Verify every dimension and the wall conditions before cutting.
2. Seams where shown: not over the dishwasher, kept off the sink and cooktop, color-matched epoxy (stone) or the maker's adhesive with a reinforcing strip (solid surface). Approve seam locations with the owner.
3. Overhangs past the unsupported limit carry hidden steel brackets or corbels as shown; check the material maker's overhang table for the thickness used.
4. Cutouts per the fixture maker's template; inside corners radiused (3/8 in. minimum in solid surface); undermount bowls on clips or rails, edges polished.
5. Waterfall legs mitered 45 degrees, cut next to the top on the same slab where the slab allows so the vein carries over the miter; set plumb and level, joint epoxied.
6. Natural stone (granite, marble, quartzite) sealed after install; leave the care sheet. No water in an undermount sink for 24 hours.
7. Plumbing, gas and electrical disconnects and reconnects by the licensed trades unless listed.
8. Quartz: 2 slabs, 76.1 sf of pieces on 110.3 sf (69% yield). Sills and small tops are cut from the offcuts first.
9. Edge profiles, splash heights and cutout sizes as scheduled. Inside corner radius 3/8" on solid surface; faucet holes 1 3/8" unless noted. Finish to satin.
10. Accessible tops: work surfaces and lavatories 34 in. max, sales and service counters 36 in. max, knee space 27 in. high (2010 ADA Standards 902.3, 606.3, 904.4.1, 306).

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FABRICATION & INSTALL NOTES

K-7

SHEET 7 OF 7