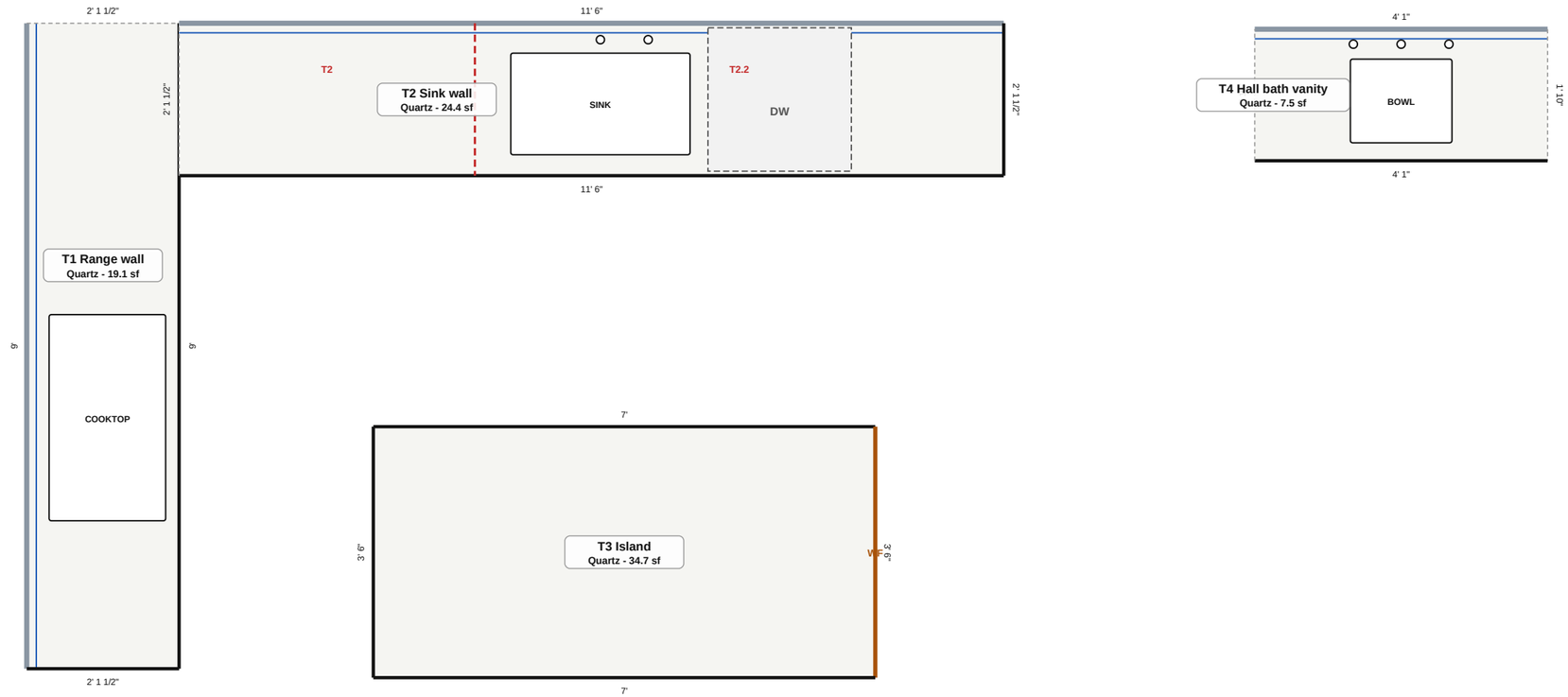


1 COUNTERTOP PLAN

SCALE: 1/2" = 1'-0"

COUNTERTOP DETAILS (SEAMS, SINKS, OVERHANGS, WATERFALLS) ON K-5

- 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.
100 Main St, Anytown

PROJECT

Quartz kitchen and bath
Client: Sample client
123 Example St

NOTICE

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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.

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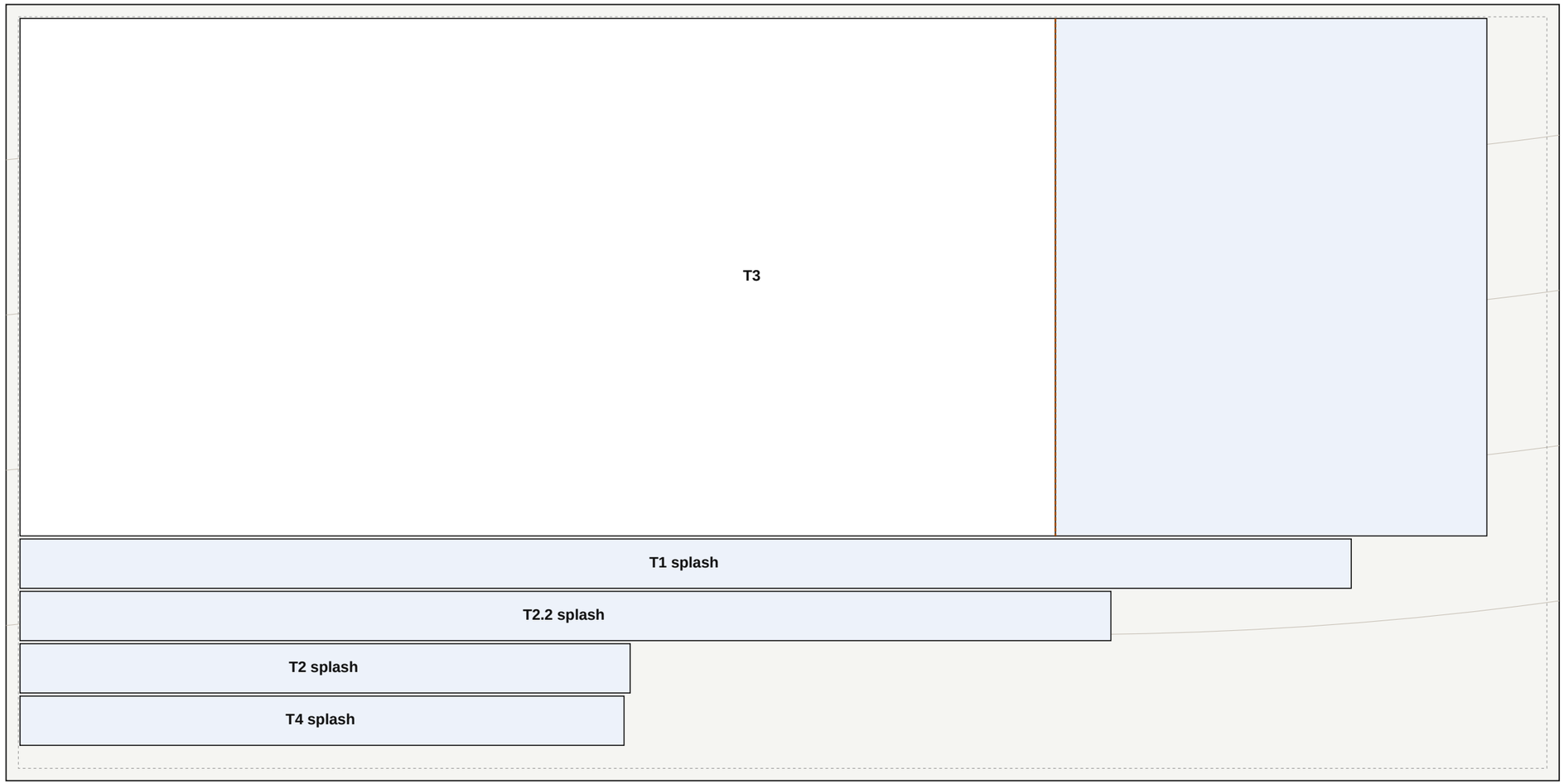
SCALE
1/2" = 1'-0"

DRAWN BY
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": 5 pieces, 78% used. Vein runs left to right; pieces keep it unless marked turned. Kerf 1/4", 1" trimmed off each edge.

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100 Main St, Anytown

PROJECT
Quartz kitchen and bath
Client: Sample client
123 Example St

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
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": 2 pieces, 63% used. Vein runs left to right; pieces keep it unless marked turned. Kerf 1/4", 1" trimmed off each edge.

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SHEET SIZE
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SHEET TITLE

SLAB LAYOUT: SLAB Q2

K-3



4 SLAB LAYOUT: SLAB Q3

SCALE: Not to scale (fits the sheet)

Quartz slab 3 cm 10' 6" x 5' 3": 2 pieces, 29% used. Vein runs left to right; pieces keep it unless marked turned. Kerf 1/4", 1" trimmed off each edge.

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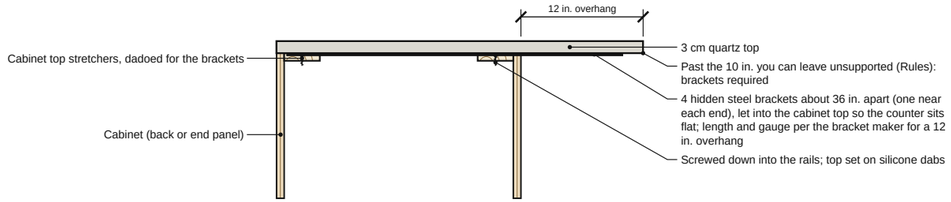
DRAWN BY
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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

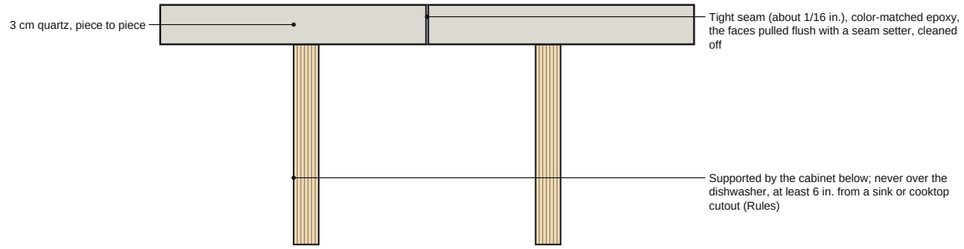
SLAB LAYOUT: SLAB Q3

K-4



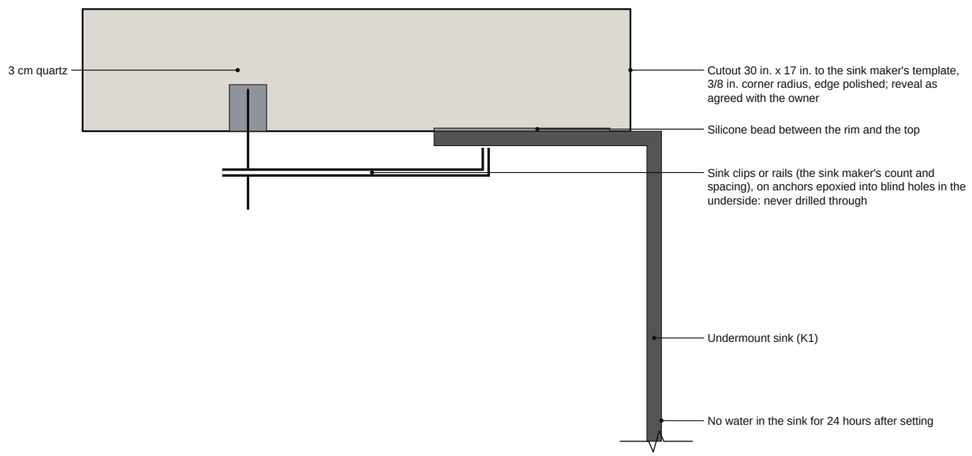
1 **OVERHANG ON HIDDEN BRACKETS: T3** NTS

REF: Bracket and material makers' overhang tables



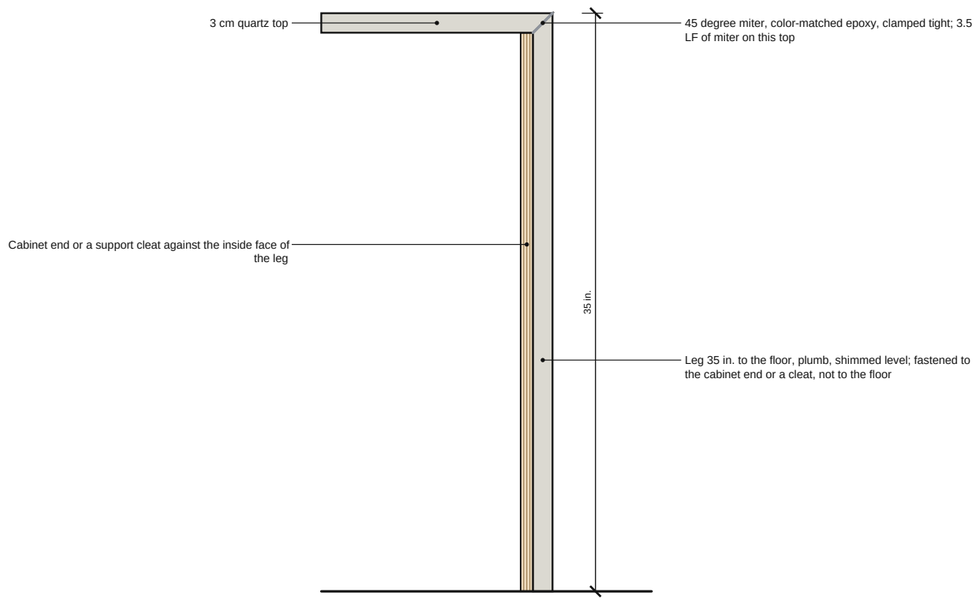
2 **SEAM: T2** NTS

REF: Stone maker's seam instructions



3 **UNDERMOUNT SINK: T2, T4** NTS

REF: Sink and clip makers' instructions



4 **WATERFALL MITER: T3** NTS

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

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
COUNTERTOP DETAILS

K-5

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

#	STEP	TOOL	DEPTH	NOTE
T3 - Quartz - 9' 11" x 42" - Slab Q1				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Eased edge, 17' 6"	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
3	Miter the waterfall joint at 45°	45 deg miter blade (waterfall) (T29)	through	cut the leg next to the top so the vein carries over
4	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T1 - Quartz - 9' 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 cooktop 34 1/2" x 19 1/2"	3/4" diamond finger bit (wet) (T23)	through	corners at 3/8" radius
3	Eased edge, 9'	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
4	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T2.2 - Quartz - 7' 4 1/2" 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	Core the faucet or accessory hole	1-3/8" wet diamond core bit (T27)	through	1 3/8", wet
5	Eased edge, 9' 6"	Diamond profile wheel - eased edge (T24)	1/8 in.	profile wheels, then polish
6	Polish the edges and cutouts: pads 50 -> 3000 grit, then buff			typical; follow the material maker's fabrication guide
T2 - Quartz - 4' 1 1/2" x 25 1/2" - Slab Q3				
1	Saw or waterjet the outline with the bridge saw	3/4" diamond finger bit (wet) (T23)	through	
2	Eased edge, 4' 1 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
T4 - Quartz - 4' 1" x 22" - Slab Q3				
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, 4' 1"	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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100 Main St, Anytown

PROJECT

Quartz kitchen and bath

Client: Sample client

123 Example St

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE
SHOP STEPS

K-6

SCHEDULES, CUT LIST & BUY LIST

TAG	TOP	MATERIAL	AREA	EDGES, SPLASH, CUTOUTS, SEAMS
TOPS				
T1	Range wall	Quartz	19.1 sf	9 LF eased; 9 LF splash; 1 drop-in or cooktop
T2	Sink wall	Quartz	24.4 sf	13.6 LF eased; 11.5 LF splash; 1 sink, 2 holes, 2 seams
T3	Island	Quartz	34.7 sf	17.5 LF eased; 1 waterfall
T4	Hall bath vanity	Quartz	7.5 sf	4.1 LF half bullnose; 4.1 LF splash; 1 sink, 3 holes

CUT LIST

PIECE	WHAT	SIZE	FROM	NOTE
T1	Top	9' x 25 1/2"	Slab Q2	Cooktop 34 1/2" x 19 1/2"; finished edge 9'
T1 splash	Backsplash	9' x 4"	Slab Q1	from the offcuts
T2	Top	4' 1 1/2" x 25 1/2"	Slab Q3	finished edge 4' 1 1/2"
T2.2	Top	7' 4 1/2" x 25 1/2"	Slab Q2	Sink 30" x 17"; 2 holes 1 3/8"; finished edge 9' 6"
T2 splash	Backsplash	4' 1 1/2" x 4"	Slab Q1	from the offcuts
T2.2 splash	Backsplash	7' 4 1/2" x 4"	Slab Q1	from the offcuts
T3	Top	9' 11" x 42"	Slab Q1	finished edge 17' 6"; waterfall leg cut next to it, mitered 45°
T4	Top	4' 1" x 22"	Slab Q3	Bowl 17" x 14"; 3 holes 1 3/8"; finished edge 4' 1"; from the offcuts
T4 splash	Backsplash	4' 1" x 4"	Slab Q1	from the offcuts

BUY LIST

ITEM	QTY	NOTE	COST
Quartz slab 3 cm 126 x 63"	3 slab	57% yield: 94 sf of pieces on 165.4 sf	$6,300
Seam epoxy kit, color-matched	1 each	3 seams and miters	$14
Hidden steel overhang bracket	4 each		$140
Undermount sink clips or rails (set)	2 set		$36
Silicone & setting adhesive (tube)	4 each		$36
MATERIAL TOTAL			$6,526

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PROJECT

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123 Example St

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SHEET SIZE
ANSI B (11" x 17")

SHEET TITLE

SCHEDULES & BUY LIST

K-7

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: 3 slabs, 94 sf of pieces on 165.4 sf (57% yield). Sills and small tops are cut from the offcuts first.
9. T3 Island: 4 hidden brackets under the 12" overhang, about 36" apart.
10. 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.
11. 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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SHEET SIZE
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SHEET TITLE
FABRICATION & INSTALL NOTES

K-8