



WASTAGE
ANALYSIS



At PACIFIC, we understand that you envision stunning and long-lasting kitchen worktops, stairs, floors, or wall coverings. Our mineral infused surfaces offer exceptional durability, timeless beauty, and effortless maintenance. Experts, along with nature's own tests, ensure the quality you desire.



PACIFIC stands tall as one of India's leading exporters of Natural and Engineered Stones, boasting a monthly production capacity of 37,200 m² of granites and one million m² of quartz slabs. The new state-of-the-art facility, powered by Breton, utilizes the latest and most advanced Bretonstone technology to produce ultra-exotic full-body Super Jumbo slabs. The new Kreos Technology enables us to obtain 7 mm, 12 mm and 15 mm thicknesses with disruptive designs that can surpass your expectations and redefine industry standards. PACIFIC's reach now extends to over 48 countries through exports of 240 containers each month.

Building the Future, One Stone at a Time



WASTAGE ANALYSIS

SUPER JUMBO VS JUMBO SLABS

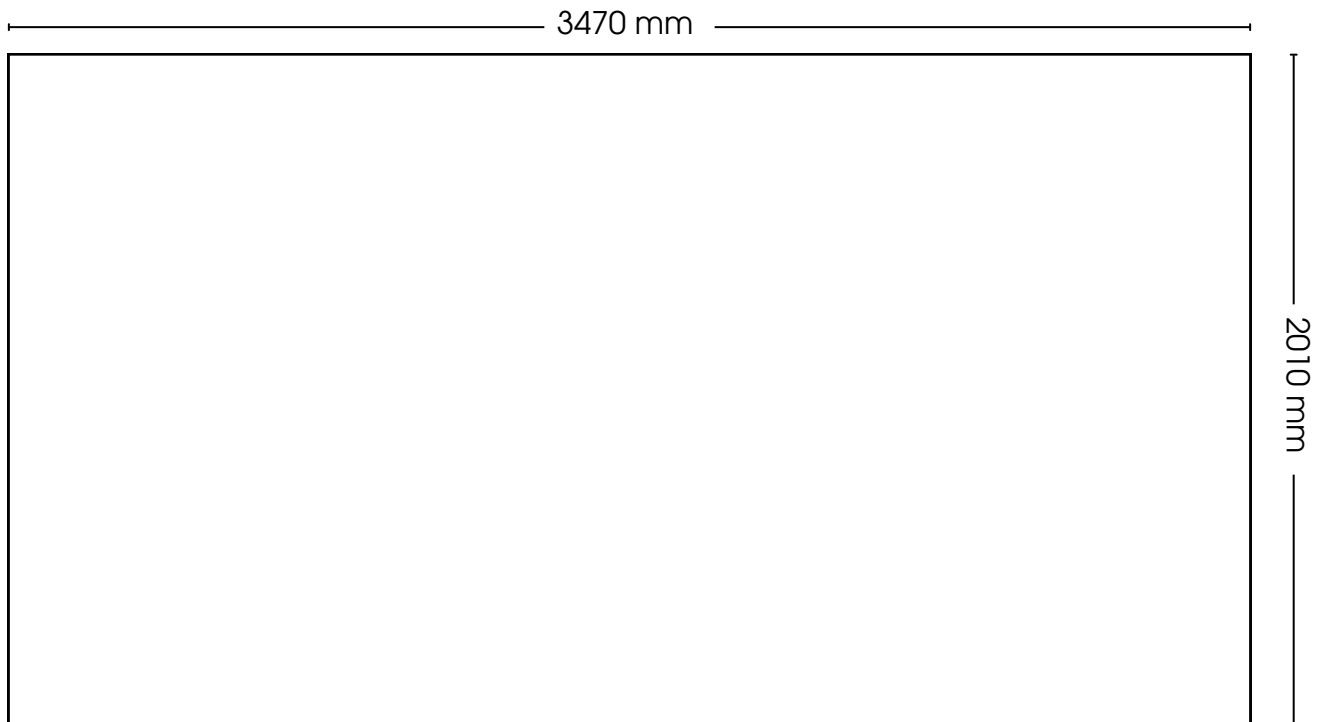
In this project, we reviewed five different multi-home projects completed over the last five months, each covering approximately 2000 square meters. We aimed to analyze the difference in cutting waste between jumbo and super jumbo slabs. The average cost of the material is \$100 per square meter.



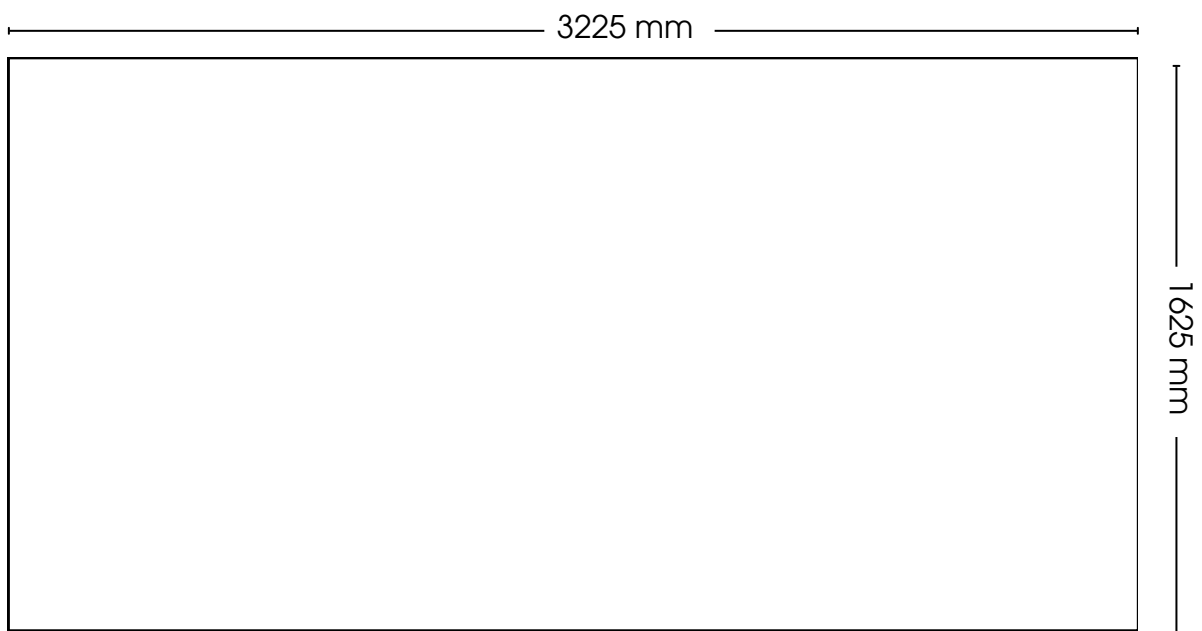


SLAB SIZES

Super Jumbo Slabs - 3470 mm x 2010 mm



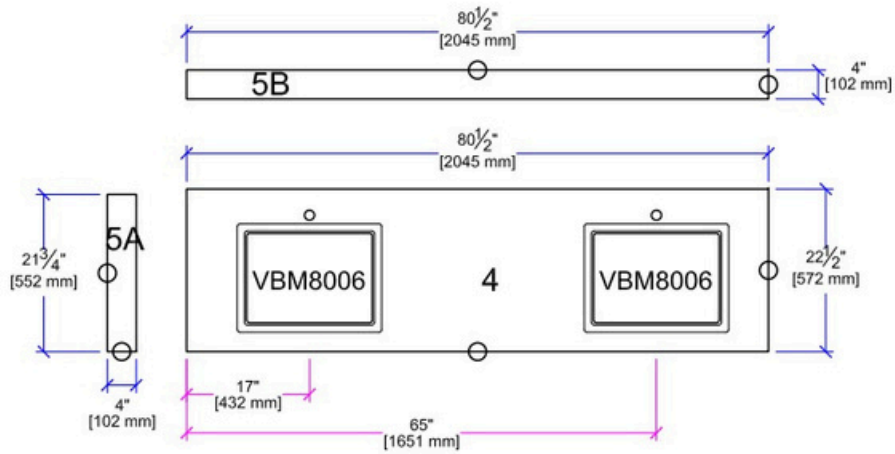
Jumbo Slabs - 3225 mm x 1625 mm



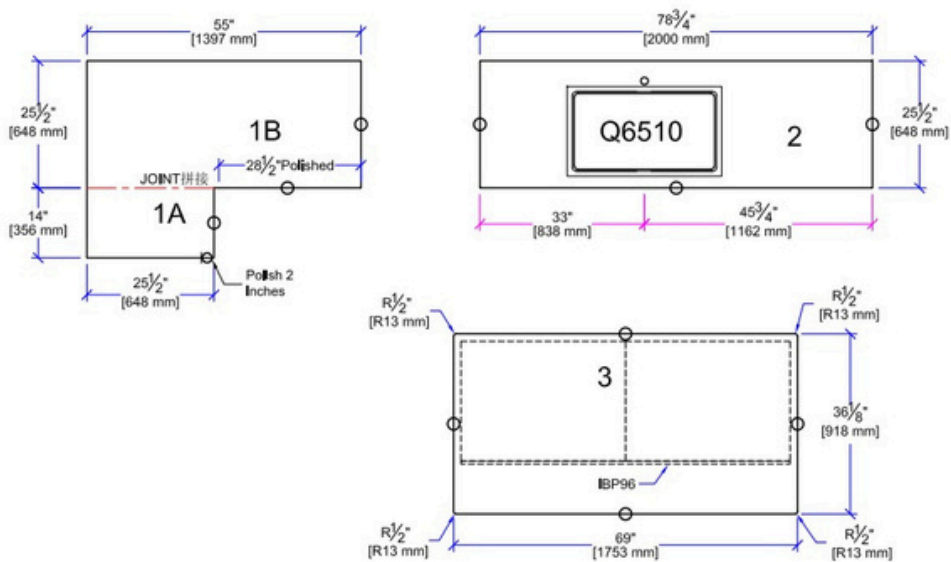


PROJECT 1460 - Gilber Flats , Dallas

Drawing#: 2
Unit Type: A10,A10-B,A10-B2,A10-P,A10-P2,A12-As Shown
Area: Vanity



Drawing#: 1
Unit Type: A10,A10-B,A10-B2,A10-P,A10-P2,A12-As Shown
Area: Kitchen



*The above images were received from clients and are provided for reference to understand the dimensions.



Data illustrating the dimensions of kitchen countertops, vanities, backsplashes, and islands.

D.NO	COUNTER TOP NO	L	W	QTY
1	1A	648	356	79
1	1B	1397	648	79
1	2	2000	648	79
1	3	1753	918	79
2	4	2045	572	79
2	5A	552	102	79
2	5B	2045	102	79
3	1A	648	356	77
3	1B	1397	648	77
3	2	2000	648	77
3	3	1753	918	77
4	4	2045	572	77
4	5A	552	102	77
4	5B	2045	102	77
5	1A	648	356	2
5	1B	1397	648	2
5	2	2000	648	2
5	3	1873	702	2
6	4	1467	572	2
6	5A	552	102	2
6	5B	1467	102	2
6	5C	552	102	2
7	1A	648	356	4
7	1B	1397	648	4
7	2	2000	648	4
7	3	1873	702	4
8	4	1467	572	4
8	5A	552	102	4
8	5B	1467	102	4
8	5C	552	102	4
9	1A	1029	648	18
9	1B	762	648	18
9	2A	737	648	18
9	2B	2416	1073	18
10	3	1740	572	18
10	4A	552	102	18
10	4B	1740	102	18
11	1A	1029	648	18
11	1B	762	648	18
11	2A	737	648	18
11	2B	2416	1073	18
12	3	1740	572	18
12	4A	552	102	18
12	4B	1740	102	18
13	1A	648	356	50
13	1B	1397	648	50
13	2	2000	648	50
13	3	1753	918	50
14	4	1969	572	50
14	5A	1969	102	50
14	5B	552	102	50
14	6	2045	572	50
14	7A	552	102	50
14	7B	2045	102	50
15	1A	648	356	53
15	1B	1397	648	53
15	2	2000	648	53
15	3	1753	918	53
16	4	1969	572	53
16	5A	1969	102	53
16	5B	552	102	53
16	6	2045	572	53
16	7A	552	102	53
16	7B	2045	102	53

17	1A	648	356	4
17	1B	1397	648	4
17	2	2000	648	4
17	3	1873	702	4
18	4	1969	572	4
18	5A	1969	102	4
18	5B	552	102	4
18	6	1975	572	4
18	7A	552	102	4
18	7B	1975	102	4
18	7C	552	102	4
19	1A	648	356	1
19	1B	1397	648	1
19	2	2000	648	1
19	3	1873	702	1
20	4	1969	572	1
20	5A	1969	102	1
20	5B	552	102	1
20	6	1975	572	1
20	7A	552	102	1
20	7B	1975	102	1
20	7C	552	102	1
21	1A	2153	648	12
21	1B	1422	648	12
21	2	711	648	12
21	3	1905	918	12
22	4	1969	572	12
22	5A	552	102	12
22	5B	1969	102	12
22	6	1892	572	12
22	7A	552	102	12
22	7B	1892	102	12
23	1A	2153	648	12
23	1B	1422	648	12
23	2	711	648	12
23	3	1905	918	12
24	4	1969	572	12
24	5A	552	102	12
24	5B	1969	102	12
24	6	1892	572	12
24	7A	552	102	12
24	7B	1892	102	12
25	1A	648	356	15
25	1B	1397	648	15
25	2	1924	648	15
25	3	1753	918	15
26	4	1969	572	15
26	5A	1969	102	15
26	5B	552	102	15
26	6	2121	572	15
26	7A	552	102	15
26	7B	2121	102	15
27	1A	648	356	15
27	1B	1397	648	15
27	2	1924	648	15
27	3	1753	918	15
28	4	1969	572	15
28	5A	1969	102	15
28	5B	552	102	15
28	6	2121	572	15
28	7A	552	102	15
28	7B	2121	102	15

Jumbo Slab CTS Wastage % - 32.11 %

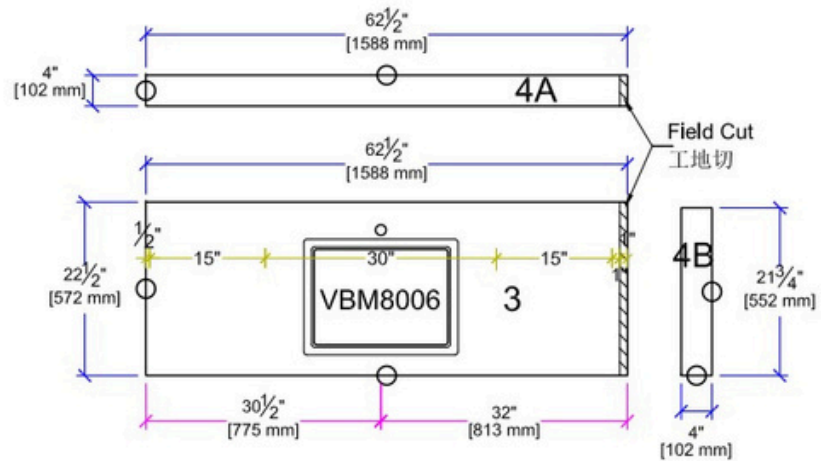
Super Jumbo Slab CTS Wastage % - 4.81%



PROJECT 1385 - Casa View, Dallas

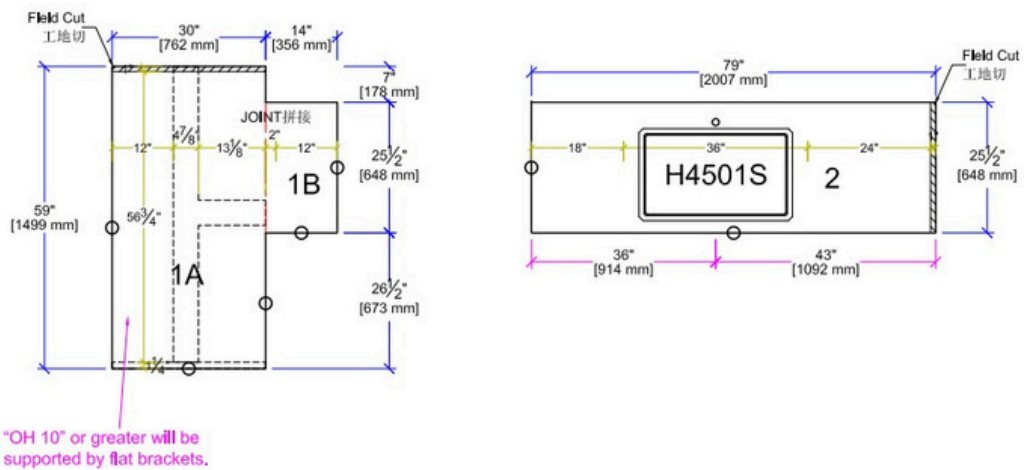
Drawing#: 2
Unit Type: S1.1-As Shown
Area: Vanity

(With Cabinet Line)



Drawing#: 1
Unit Type: S1.1-As Shown
Area: Kitchen

(With Cabinet Line)



*The above images were received from clients and are provided for reference to understand the dimensions.



Data illustrating the dimensions of kitchen countertops, vanities, backsplashes, and islands.

D.NO	COUNTER TOP NO	L	W	QTY
1	1A+1B	59	44	5
1	2	79	25.5	5
2	3	62.5	22.5	5
2	4A	62.5	4	5
2	4B	21.75	4	5
3	1	79	25.5	10
3	2A+2B	58.625	44	10
4	3	62.5	22.5	10
4	4A	21.75	4	10
4	4B	62.5	4	10
5	1A+1B	69.5	44	10
5	2	79	25.5	10
6	3	57	22.5	10
6	4A	21.75	4	10
6	4B	57	4	10
6	4C	21.75	4	10
7	1A+1B	64	46	5
7	2	112.5	29.25	5
8	3	56.5	22.5	5
8	4A	56.5	4	5
8	4B	21.75	4	5
9	1	103.75	29	5
9	2A+2B	64	43.5	5
10	3	56.5	22.5	5
10	4A	21.75	4	5
10	4B	56.5	4	5
11	1	108	29	8
11	2A+2B	63.875	43.5	8
12	3	56.5	22.5	8
12	4A	56.5	4	8

12	4B	21.75	4	8
13	2A+2B	63.875	43.5	2
13	2	108.5	29	2
14	3	56.5	22.5	2
14	4A	56.5	4	2
14	4B	21.75	4	2
15	1A	38	25.5	20
15	1B	82.5	25.5	20
15	2	25.5	13	20
15	3	100	28	20
16	4	57	22.5	20
16	5A	21.75	4	20
16	5B	57	4	20
16	5C	21.75	4	20
16	6	36	15.25	20
17	1A	38	25.5	15
17	1B	82.5	25.5	15
17	2	25.5	13	15
17	3	100	28	15
18	4	57	22.5	15
18	5A	21.75	4	15
18	5B	57	4	15
18	5C	21.75	4	15
18	6	36	15.25	15
19	1	72	41.25	18
19	2A	86.375	25.5	18
19	2B	59.5	25.5	18
19	3	25.5	22.5	18
20	4	56.5	22.5	18
20	5A	21.75	4	18
20	5B	56.5	4	18
20	6	35.75	15.25	18

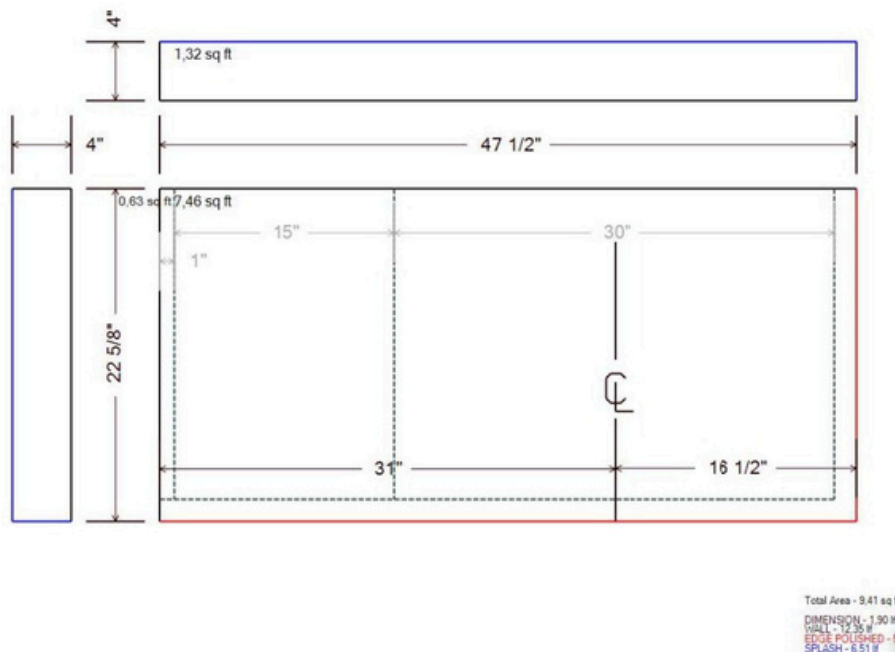
Jumbo Slab CTS Wastage % - 18.10 %

Super Jumbo Slab CTS Wastage % - 6.00%

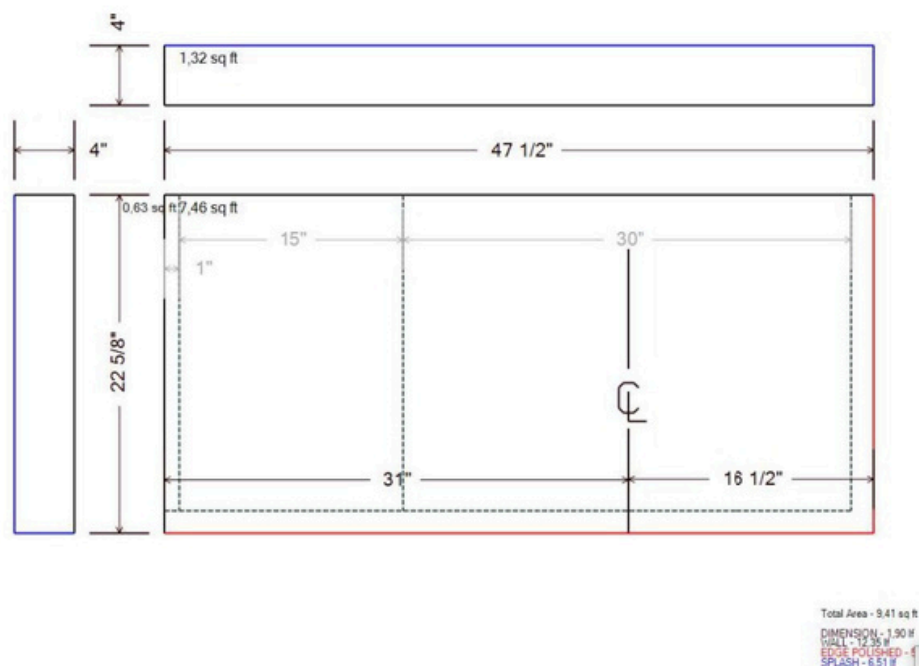


PROJECT SWI Kitchen, Atlanta

TEMPLATE IMAGE: Bath (ST)



TEMPLATE IMAGE: Bath (ST)



*The above images were received from clients and are provided for reference to understand the dimensions.

Jumbo Slab CTS Wastage % - 28.09 %

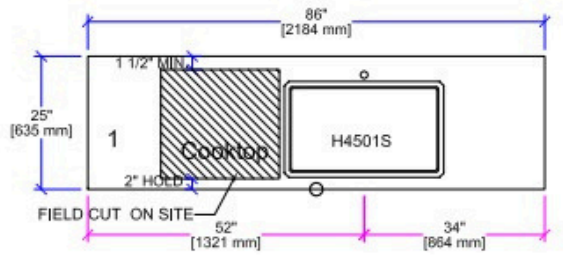
Super Jumbo Slab CTS Wastage % - 7.00%



PROJECT 1289 - Oak Hill, Austin

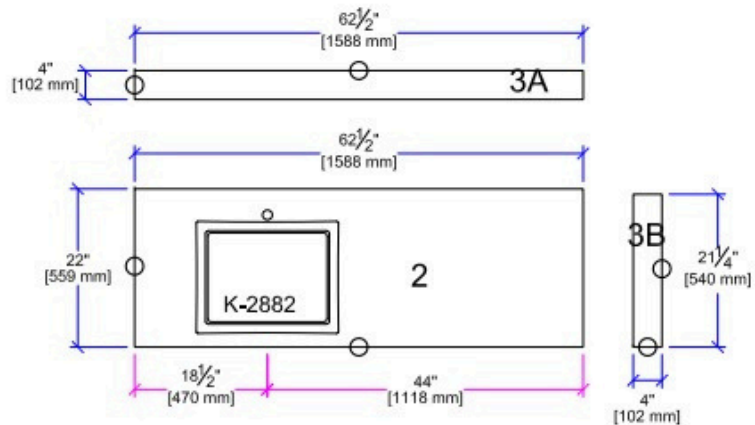
Drawing#: 7
Unit Type: S01,A01,A01-P,A01a-P-As Shown
Area: Kitchen

Kitchen Type: IS



Drawing#: 8
Unit Type: S01,A01,A01-P,A01a-P-As Shown
Area: Vanity

Bath Type: 1T-60 Mirror



*The above images were received from clients and are provided for reference to understand the dimensions.



Data illustrating the dimensions of kitchen countertops, vanities, backsplashes, and islands.

D.NO	L	W	QTY
7	2184	635	10
8	1588	102	10
8	1588	559	10
8	540	102	10
9	2184	635	6
10	1588	102	6
10	1588	559	6
10	540	102	6
11	2184	635	2
12	1283	102	2
12	1283	559	2
12	540	102	2
13	2184	635	2
14	1283	102	2
14	1283	559	2
14	540	102	2
15	1702	635	2
15	635	330	2
15	1524	660	2
16	1588	102	2
16	1588	559	2
16	540	102	2
17	1702	635	8
17	635	300	8
17	1524	660	8
18	1283	102	8
18	1283	559	8
18	540	102	8
19	1702	635	8
19	635	330	8
19	1524	660	8
20	1283	102	8
20	1283	559	8
20	540	102	8
21	635	330	2
21	1524	660	2
22	1283	102	2
22	1283	559	2
22	540	102	2
23	1702	635	2
23	635	330	2
23	1524	660	2
24	1283	102	2
24	1283	559	2

24	540	102	2
25	1702	635	2
25	635	330	2
26	1283	102	2
26	1283	559	2
26	540	102	2
27	1702	635	2
27	635	330	2
27	1524	660	2
28	1892	102	2
28	1892	559	2
28	540	102	2
28	1892	102	2
28	1892	559	2
28	540	102	2
29	1702	635	2
29	635	330	2
29	1829	914	2
30	1588	102	2
30	1588	559	2
30	540	102	2
30	1892	102	2
30	1892	559	2
30	540	102	2
31	1702	635	2
31	635	330	2
31	1829	914	2
32	1588	102	2
32	1588	559	2
32	540	102	2
32	1892	102	2
32	1892	559	2
32	540	102	2
33	1702	635	2
33	635	330	2
33	1829	914	2
34	1283	102	2
34	1283	559	2
34	540	102	2
34	1892	102	2
34	1892	559	2
34	540	102	2
41	1727	635	2
41	635	330	2
41	1829	914	2

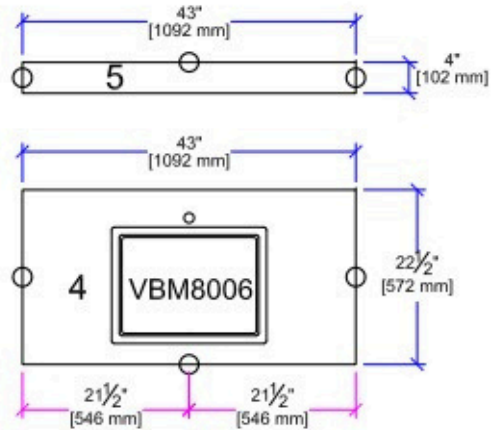
Jumbo Slab CTS Wastage % - 17.00 %

Super Jumbo Slab CTS Wastage % - 5.42 %

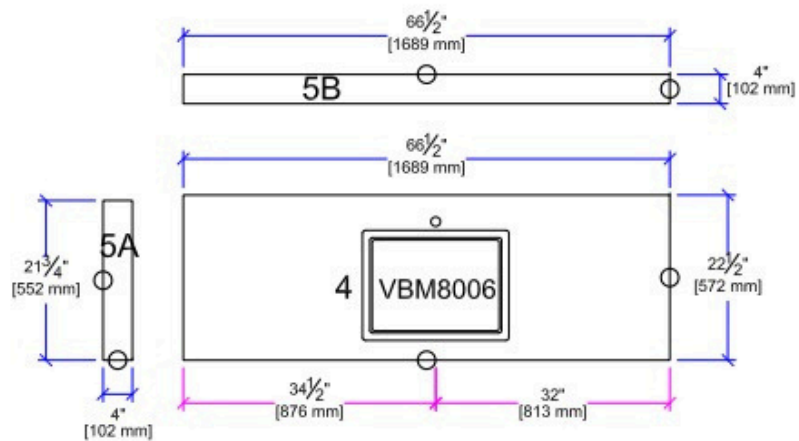


PROJECT 1344 - River Park, Chicago

Drawing#: 10
Unit Type: E2 ANSI-As Shown
Area: ADA Vanity



Drawing#: 12
Unit Type: A2,A2.1,A2.2,A2.4-As Shown
Area: Vanity



*The above images were received from clients and are provided for reference to understand the dimensions.



Data illustrating the dimensions of kitchen countertops, vanities, backsplashes, and islands.

DRAWINGS	L	W	QTY
10	1092	102	4
10	1092	572	4
12	1689	102	12
12	1689	572	12
12	552	102	12
14	1689	102	20
14	1689	572	20
14	552	102	20
16	2146	102	8
16	2146	572	8
16	552	102	8
18	2146	102	8
18	2146	572	8
18	552	102	8
20	1308	102	4
20	1308	572	4
20	552	102	4
22	1308	102	8
22	1308	572	8
22	552	102	8
32	2604	102	4
32	2604	572	4
32	552	102	4
32	1181	248	4
32	2223	102	4
32	2223	572	4

32	552	102	4
34	2604	102	4
34	2604	572	4
34	552	102	4
34	1181	248	4
34	2223	102	4
34	2223	572	4
34	552	102	4
38	1689	102	4
38	1689	572	4
38	552	102	4
38	552	102	4
38	2413	102	4
38	2413	572	4
46	1689	102	4
46	1689	572	4
46	552	102	4
46	1918	102	4
46	1918	572	4
46	552	102	4
46	1029	248	4
48	1689	102	4
48	1689	572	4
48	552	102	4
48	1918	102	4
48	1918	572	4
48	552	102	4
48	1029	248	4

Jumbo Slab CTS Wastage % - 39.00 %

Super Jumbo Slab CTS Wastage % - 9.05 %



WASTAGE ANALYSIS OF LAST FEW PROJECTS

Project No.	Jumbo Slab	Super Jumbo Slabs
1460 - Gilber Flats, Dallas	28.09 %	4.81 %
1385 - Casa View, Dallas	18.10 %	6 %
SWI Kitchen, Atlanta	28.09 %	7 %
1289 - Oak Hill, Austin	17 %	5.42 %
1344 - River Park, Chicago	39 %	9.05 %
Average Wastage	26.06 %	6.45 %

CALCULATIONS

Project Sizes = 2000 sq mt * 5 (No. of projects) = 10,000 sq mt

Average Material Saving = 1,961 Sqm

{ 26.06 % (Jumbo slabs) - 6.45 % (Super Jumbo Slabs)
= 19.61 % = 19.61 % * 10,000 Sqm = 1,961 Sqm }

Material Saving = \$ 196,100

{ One Sqm Cost = \$ 100
\$ 100 * 1,961 Sqm = \$ 196,100 (Over 5 projects in 5 months) }

Additional saving of manpower = 3,922 hrs

{ Total manpower in use = 25

Working hours in a week = 40 hrs

Total working hours saved = $19.61\% * (25 * 40) * 4 \text{ (Week)} * 5 \text{ (Months)}$

= $19.61\% * 20,000 \text{ hrs} = 3,922 \text{ hrs}$ }

Saving on Manpower = \$ 254,930

{ Manpower Hourly rate = \$ 15 = $\$ 15 * 3,922 \text{ hrs} = \$ 58,830$

Total Saving = $\$ 196,100 + \$ 58,830 = \$ 254,930$ }

