

# SONOMA STONE<sup>®</sup>

## OUTSIDE CORNER DETAIL

REF: Detail\_SonomaStone\_Angled Outside Corner

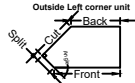
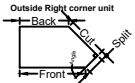
### SonomaStone (1.2m) Outside Modified Corners

#### Imperial dimensions

Angle (degrees)	Front (inches)	Back (inches)	Split (inches)	Cut (inches)	Unit to Modify
5	24 1/4	23 5/8	5/8	14 3/4	Standard
10	24 7/8	23 5/8	1 1/4	14 3/4	Standard
15	25 5/8	23 5/8	2	14 3/4	Standard
20	26 1/4	23 5/8	2 5/8	14 3/4	Standard
25	26 7/8	23 5/8	3 1/4	14 3/4	Standard
30	27 5/8	23 5/8	4	14 3/4	Standard
35	28 1/4	23 5/8	4 5/8	14 3/4	Standard
40	29	23 5/8	5 3/8	14 3/4	Standard
45	29 3/4	23 5/8	6 1/8	14 3/4	90° corner
50	30 1/2	23 5/8	6 7/8	14 3/4	90° corner
55	31 1/4	23 5/8	7 5/8	14 3/4	90° corner
60	32 1/8	23 5/8	8 1/2	14 3/4	90° corner
65	33	23 5/8	9 3/8	14 3/4	90° corner
70	34	23 5/8	10 3/8	14 3/4	90° corner
75	35	23 5/8	11 3/8	14 3/4	90° corner
80	36	23 5/8	12 3/8	14 3/4	90° corner
85	37 1/8	23 5/8	13 1/2	14 3/4	90° corner
90	Use manufactured 90° corner unit				
91-180	Not recommended				

#### Metric dimensions

Angle (degrees)	Front (mm)	Back (mm)	Split (mm)	Cut (mm)	Unit to Modify
5	616	600	16	375	Standard
10	633	600	33	375	Standard
15	649	600	49	375	Standard
20	666	600	66	375	Standard
25	683	600	83	375	Standard
30	700	600	100	375	Standard
35	718	600	118	375	Standard
40	736	600	136	375	Standard
45	755	600	155	375	90° corner
50	775	600	175	375	90° corner
55	795	600	195	375	90° corner
60	817	600	217	375	90° corner
65	839	600	239	375	90° corner
70	863	600	263	375	90° corner
75	888	600	288	375	90° corner
80	915	600	315	375	90° corner
85	944	600	344	375	90° corner
90	Use manufactured 90° corner unit				
91-180	Not recommended				

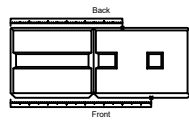


Note:

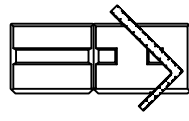
Alternative to overlapping in a single course, reinforcement could be placed in the perpendicular principle direction in the cross-over area on the subsequent course

1. Create modified right corner unit using required unit.

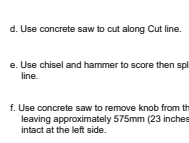
a. Identify inside angle required. Mark corresponding Front and Back dimensions from left end of unit.



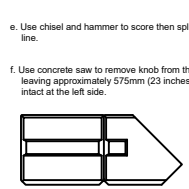
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on unit.



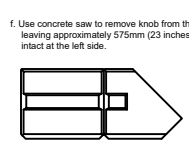
c. Scribe Split and Cut lines on unit.



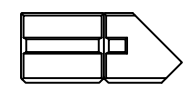
d. Use concrete saw to cut along Cut line.



e. Use chisel and hammer to score then split along Split line.

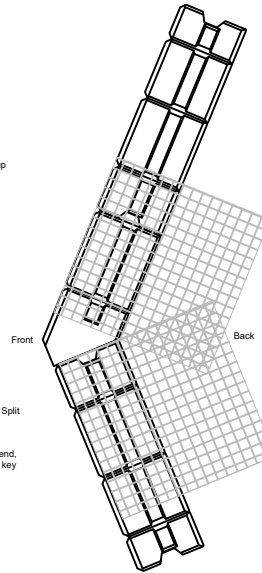


f. Use concrete saw to remove knob from the right end, leaving approximately 575mm (23 inches) of the key intact at the left side.



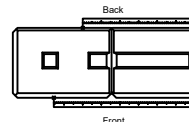
3in. (76mm) of soil required between overlapping reinforcement for proper anchorage if both layers placed at the same SRW unit elevation.

2. Place modified right corner unit on first course.

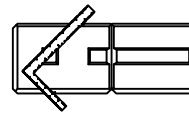


3. Create modified left corner unit using required unit.

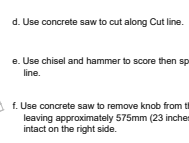
a. Identify inside angle required. Mark corresponding Front and Back dimensions from right end of unit.



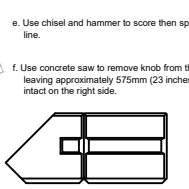
b. Mark Split and Cut dimensions on square. Line up marks on square with marks on block.



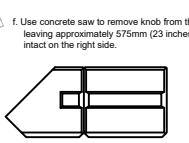
c. Scribe Split and Cut lines on unit.



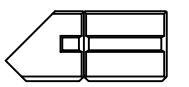
d. Use concrete saw to cut along Cut line.



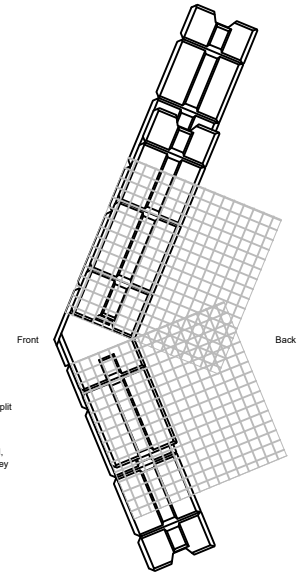
e. Use chisel and hammer to score then split along Split line.



f. Use concrete saw to remove knob from the left end, leaving approximately 575mm (23 inches) of the key intact on the right side.



4. Place modified left corner unit on next course.



5. Repeat step 1 through 4 until desired height is achieved.



Engineering design by RisiStone Inc.

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