

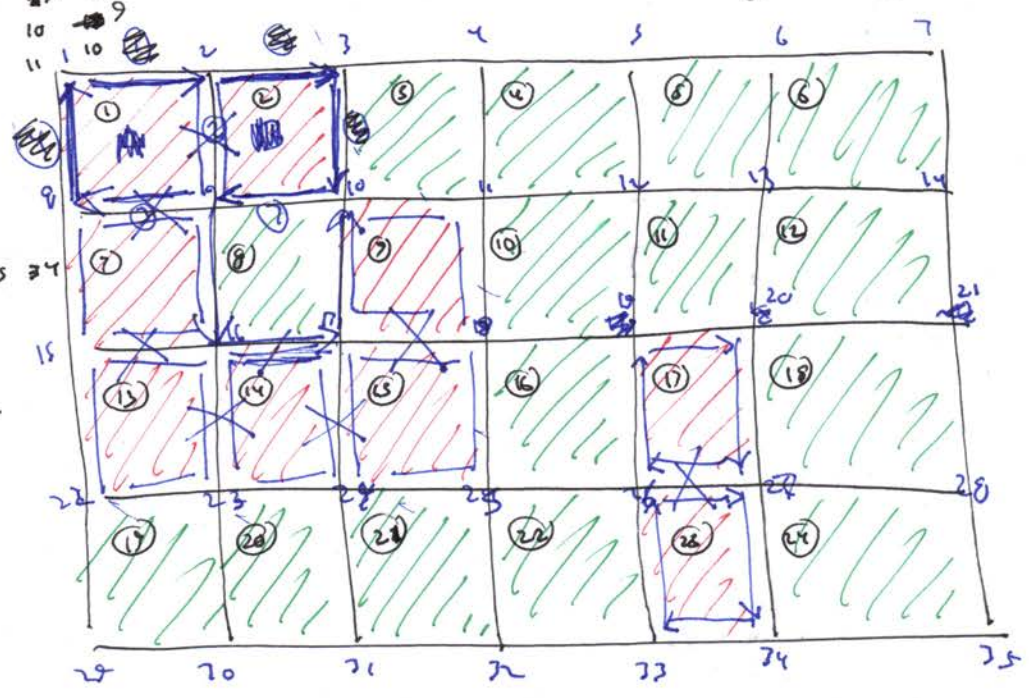
ply ← Raster To Poly (grd)

ELEM	SEL 1	SEL 2
1	1	2
1	2	9
1	8	8
2	2	3

seg 2 [1] seg 2 [2]

ELEM	N1	N2	N3	N4
1	1	2	10	9
2	2	3	11	10
3	3	4	12	11
4				
5				
...				
24	27	28	35	34

Node	X #	Y #
1		
2		
3		
4		
5		
...		
35		



RED

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}, l_{1,2}$

ALL SEGMENTS

$l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}, l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}, l_{1,2}$

AFTER REMOVING DUPLICATE SEGMENTS

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}, l_{1,2}$

1 SOLID COUNTER

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}$

OR

1 SOLID COUNTER
1 HOLE COUNTER

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,11}, l_{11,18}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8} \rightarrow$ COUNTER CLOCKWISE
 $l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10} \rightarrow$ COUNTER CLOCKWISE