

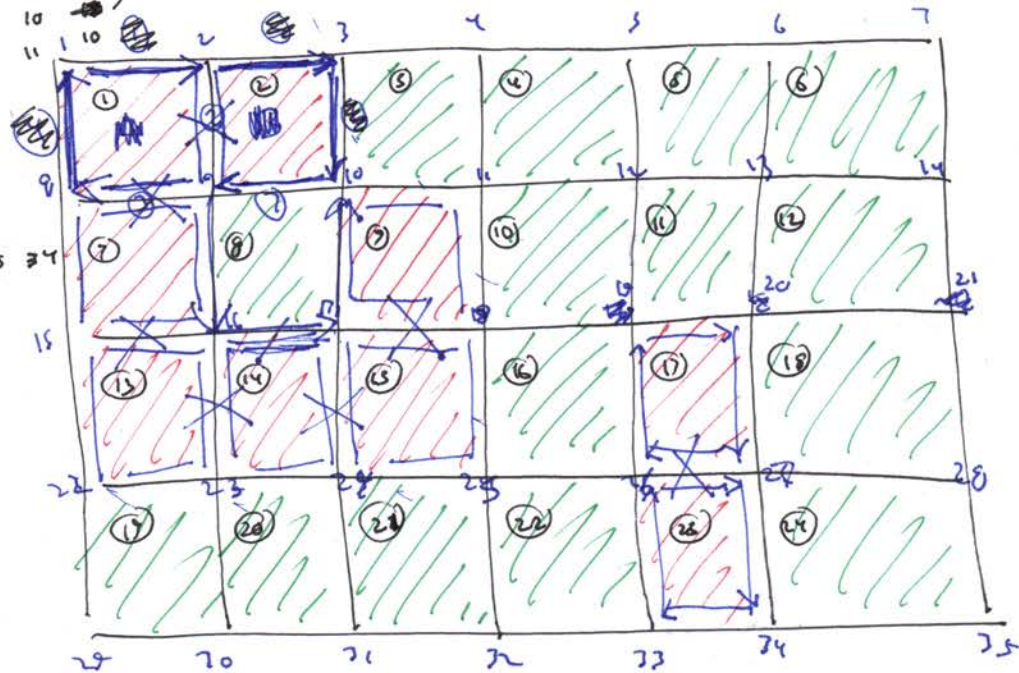
ply ← Raster To Poly (grd)

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	9	8
2	2	3	10	9
3	3	4	11	10
4				
5				
...				
24	27	28	35	34

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



RED

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,8}, l_{8,1}$

ALL SEGMENTS

$l_{9,16}, l_{16,15}, l_{15,8}, l_{10,11}, l_{11,10}, l_{18,11}, l_{17,10}$

$l_{15,16}, l_{16,23}, l_{23,22}, l_{22,15}, l_{16,17}, l_{17,24}, l_{24,23}, l_{23,16}$

$l_{17,18}, l_{18,25}, l_{25,24}, l_{24,17}, l_{19,20}, l_{20,27}, l_{27,16}, l_{16,19}, l_{16,27}, l_{27,34}, l_{34,23}, l_{23,26}, l_{26,25}$

AFTER REMOVING DUPLICATE SEGMENTS

$l_{1,2}, l_{8,1}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{15,8}, l_{10,11}, l_{11,10}$

$l_{13,10}, l_{23,22}, l_{22,15}, l_{16,17}, l_{24,23}, l_{18,25}, l_{25,24}, l_{12,20}, l_{20,27}, l_{16,19}, l_{27,34}, l_{34,23}, l_{23,26}, l_{26,25}$

1 solid contour

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}, l_{10,11}$

$l_{11,10}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}, l_{8,1}$

on

1 solid contour  
1 hole contour

$l_{1,2}, l_{2,3}, l_{3,10}, l_{10,11}, l_{11,10}, l_{18,25}, l_{25,24}, l_{24,23}, l_{23,22}, l_{22,15}, l_{15,8}$  → clockwise

$l_{10,9}, l_{9,16}, l_{16,17}, l_{17,10}$  → counter clockwise