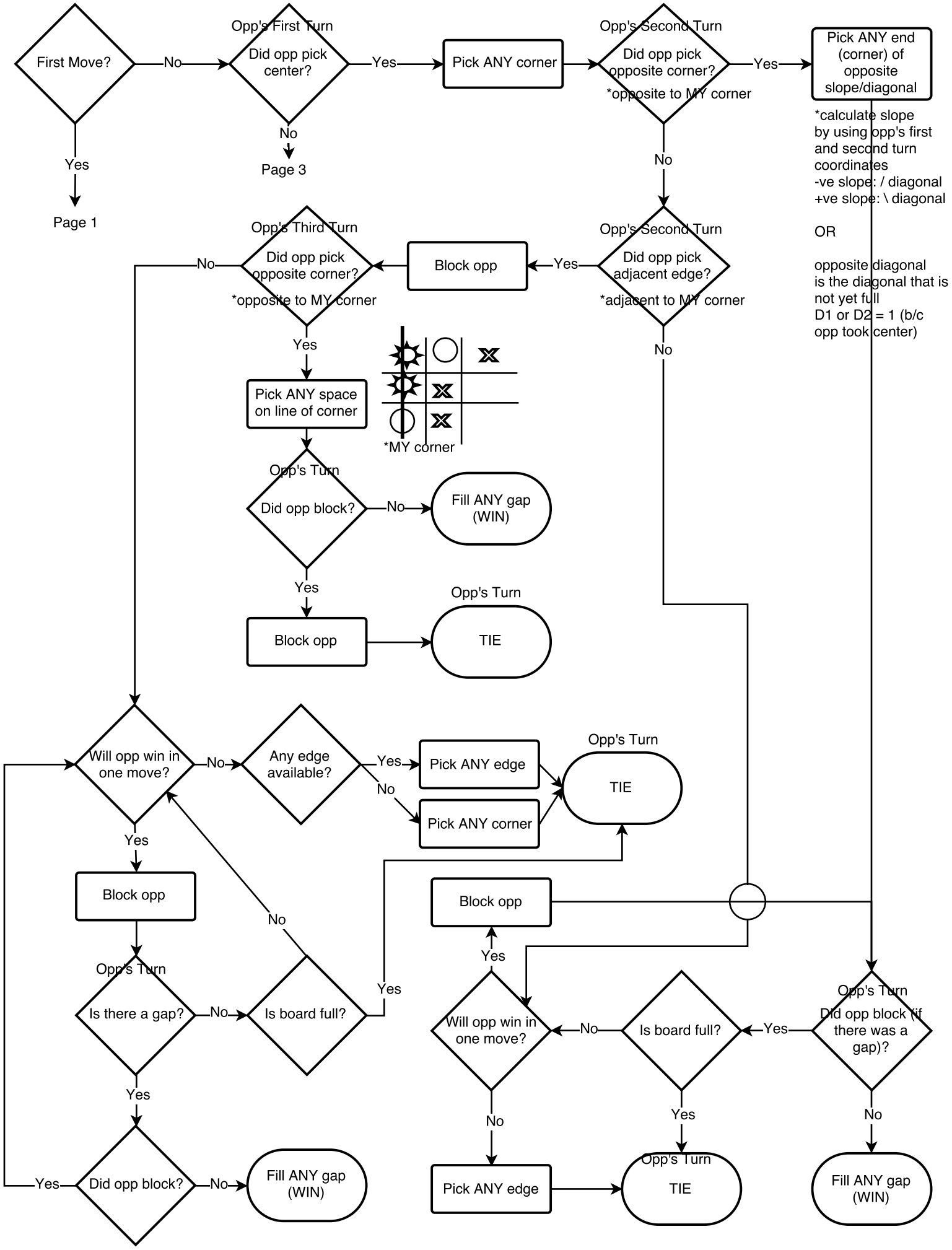
First Move?
No
Yes
Page 1
Opp's First Turn
Did opp pick center?
Yes
No
Page 3
Pick ANY corner
Opp's Second Turn
Did opp pick opposite corner?
*opposite to MY corner
Yes
No
Pick ANY end (corner) of opposite slope/diagonal
*calculate slope by using opp's first and second turn coordinates
-ve slope: / diagonal
+ve slope: \ diagonal
OR
opposite diagonal is the diagonal that is not yet full
D1 or D2 = 1 (b/c opp took center)
Opp's Second Turn
Did opp pick adjacent edge?
*adjacent to MY corner
Yes
No
Block opp
Opp's Third Turn
Did opp pick opposite corner?
*opposite to MY corner
No
Yes
Pick ANY space on line of corner
*MY corner
Opp's Turn
Did opp block?
No
Fill ANY gap (WIN)
Yes
Block opp
Opp's Turn
TIE
Will opp win in one move?
No
Yes
Block opp
Any edge available?
Yes
No
Pick ANY edge
Pick ANY corner
Opp's Turn
TIE
Opp's Turn
Is there a gap?
No
Yes
Is board full?
No
Yes
Did opp block?
Yes
No
Fill ANY gap (WIN)
Block opp
Yes
Will opp win in one move?
No
Is board full?
Yes
Opp's Turn
Did opp block (if there was a gap)?
No
Yes
Pick ANY edge
Opp's Turn
TIE
Fill ANY gap (WIN)