```
global_planner::Potential
        Calculator
# nx
# ny_
# ns
+ PotentialCalculator()
+ calculatePotential()
+ setSize()
# tolndex()
              #p calc
global_planner::Expander
# nx
# ny_
# ns
# unknown
# lethal cost
# neutral cost
# cells_visited_
# factor
+ Expander()
+ calculatePotentials()
+ setSize()
+ setLethalCost()
+ setNeutralCost()
+ setFactor()
+ setHasUnknown()
+ clearEndpoint()
# toIndex()
 global_planner::Dijkstra
        Expansion
 buffer1
 - buffer2

    buffer3

 - currentBuffer
 nextBuffer_

    overBuffer

    currentEnd

 nextEnd
 overEnd

    pending

 - precise

    threshold

    priorityIncrement

 + DijkstraExpansion()
 + ~DijkstraExpansion()
 + calculatePotentials()
 + setSize()
 + setNeutralCost()
 + setPreciseStart()
 updateCell()
 getCost()
```