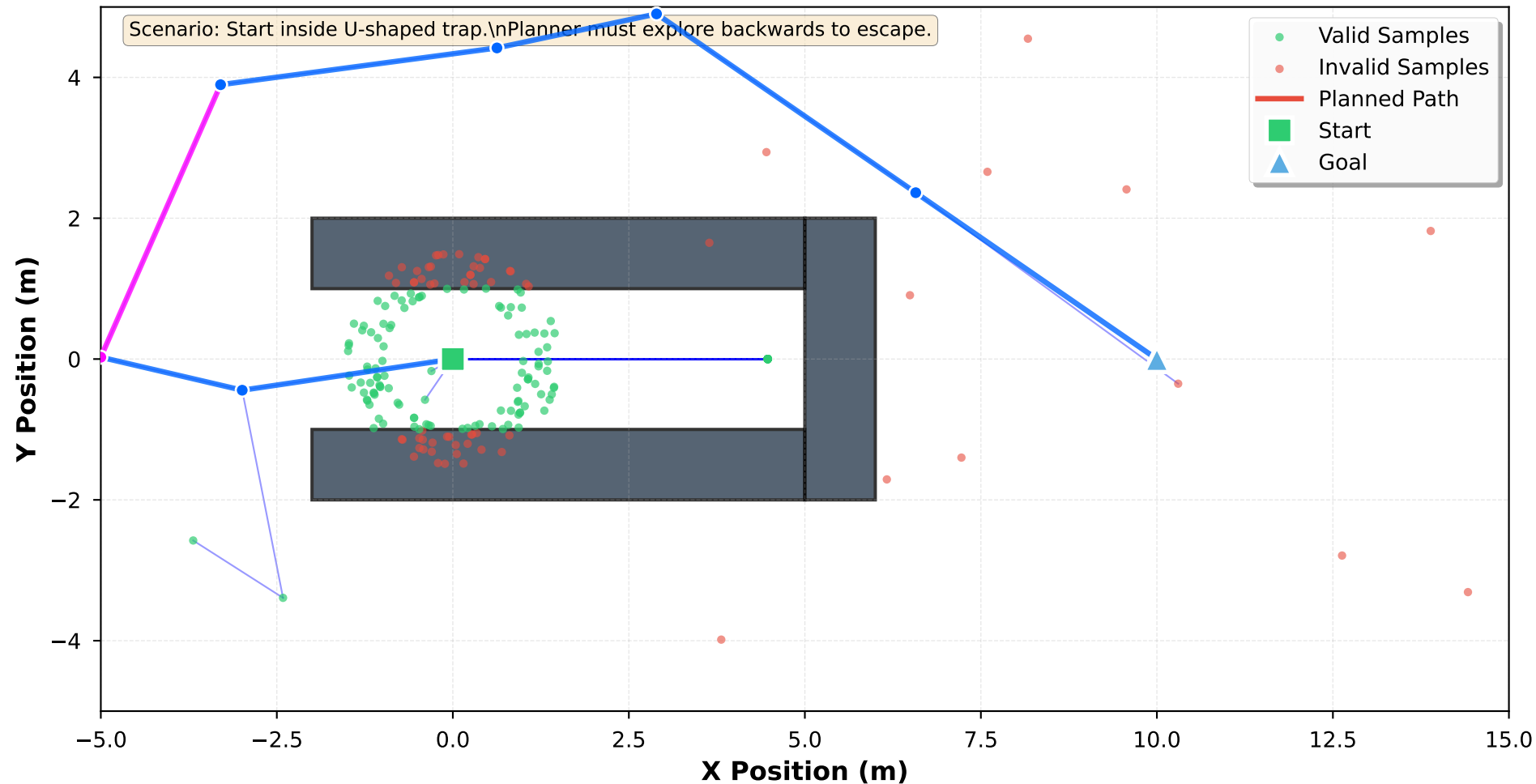**RRT Tree with Valid/Invalid Samples**

Samples by Sampler Arm (Border Color)

Scenario: Start inside U-shaped trap.\nPlanner must explore backwards to escape.

Legend (left):
- Valid Samples
- Invalid Samples
- Planned Path
- Start
- Goal

Legend (right):
- Uniform (Blue inner, Green border=valid)
- Cylinder Up (Magenta inner, Green border=valid)
- Cylinder Down (Orange inner, Green border=valid)
- Cylinder (Magenta inner, Green border=valid)
- Burn-in (Cyan inner, Green border=valid)
- Invalid Sample (Red border)

X Position (m)

Y Position (m)