

EXHIBIT 5
Homestead Acres
Contract Zone Agreement

Roundabout Design

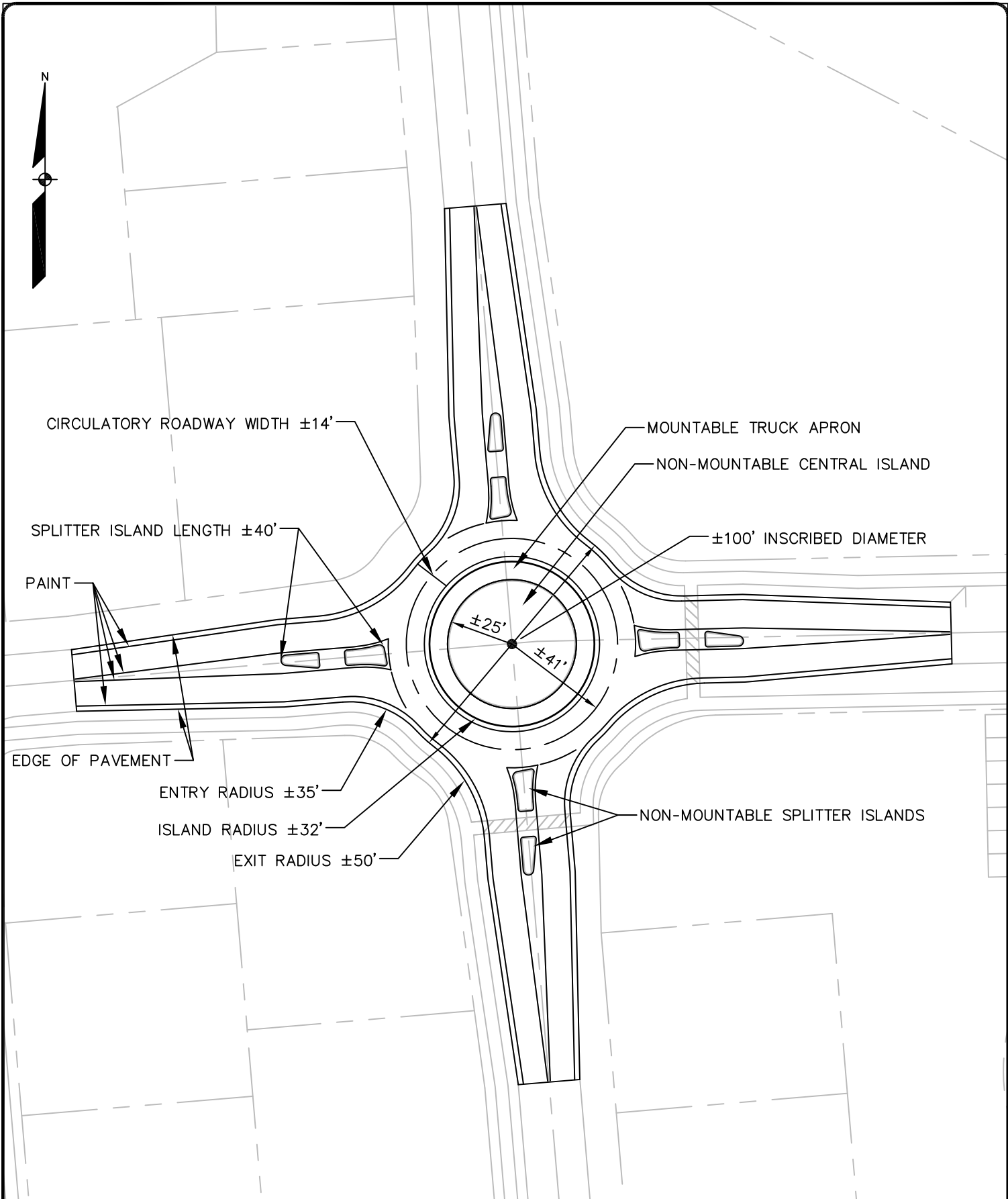
Per your request, we have evaluated the existing Town of Falmouth Street Design Standards to see what variances will be needed to accommodate a roundabout. Section E of Appendix 7-5 “Street Standards” lists the roadway design standards. The following table outlines the criteria for a local minor road that would not be met with a roundabout design:

| Criteria | Required | Roundabout |
|-----------------------------|-----------------|-------------------|
| Shoulder Width | 4’ | ±2’ |
| Min. Centerline Radius | 150’ | ±41’ |
| Min. Tangent Reverse Curves | 100’ | 0’ |
| Design Speed - MPH | 25 | ±15-20 |
| Curb Radii at Intersections | 15-30’ | ±25-55’ |

The above values for the roundabout design are based upon national design guidance published in *NCHRP Report 672 Roundabouts: An Informational Guide Second Edition*.

The attached plan shows the approximate required dimensions for the proposed roundabout as part of this project. Actual dimensions may vary through design and review process with the Planning Board.

The roundabout shown is an option and not a requirement of the Contract Zone Agreement.



SEBAGO
 TECHNICS
 WWW.SEAGOTECHNICS.COM
 75 John Roberts Rd.
 Suite 4A
 South Portland, ME 04106
 Tel. 207-200-2100

CONCEPTUAL ROUNDABOUT EXHIBIT

SCALE: 1"=50'
 DATE: 3/5/18

LOCATION:
 HOMESTEAD FARMS SUBDIVISION
 FALMOUTH, MAINE

FOR:
 HOMESTEAD ACRES, LLC
 FALMOUTH, MAINE

SHEET:
 2 OF 2