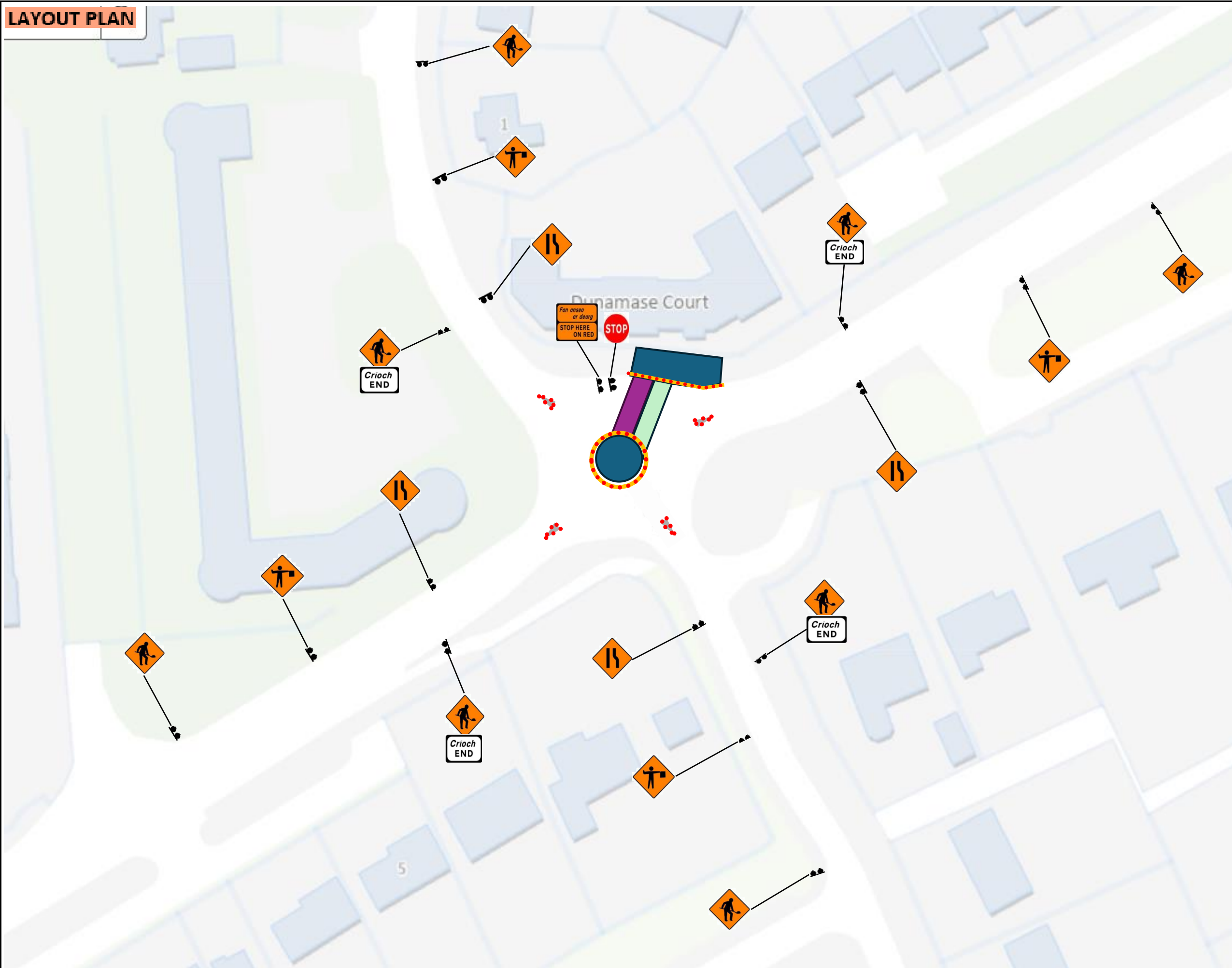


LAYOUT PLAN



DESIGN PARAMETERS	
Road Classification	Level 1 (iii)
Design Parameter	Type A > 12 hours
Advance Warning Signage	
Sign Size (mm)	600
Sign Visibility (m)	50
Number of Signs	2
Cumulative Distance (m)	40
Distance between Advance Warning Signs (m)	20
Taper	
Lane Taper Rate ^A	1 in 5
Hard Shoulder Taper Rate ^A	
Cones	
Cone Height (mm)	750
Taper Spacing (m) ^B	3
Longitudinal Spacing (m) ^B	3
Lamps (unlit areas only)	
Taper Spacing (m)	6
Longitudinal Spacing (m)	6
Safety Zones	
Longitudinal (m)	5
Lateral (m)	0.5
Lanes	
Lane Width (m) ^C	3 (2.5)
Two-way Roadway Width (m)	5

Other Design Considerations	
Type of System	Two-Way Working
Works Length	<100m
Traffic Volume (AADT)	> 5,000
Type of Roadworks	Static Type A

Notes:
 Works to be completed on normal traffic flows.
 ALL STOP to be implemented for short durations (< 2 minutes) to allow movement of materials across to the center of the roundabout.
 The same principal and layout to be implemented in the three roundabout locations for the planting of the roundabouts.

- Legend:**
- Operatives Crossing Zone
 - Lateral Safety Zone
 - Longitudinal Safety Zone
 - Works Area

Dunne Brothers Ltd

"50 years in Plant Hire & Civil Engineering"

Drawing Title:	TMP Roundabout Planting Works
Project:	Portlaoise MD Road Maintenance Works
Client:	Laois County Council
Drawing Nr:	046 Rev - (---/---)
Date:	11/11/2024