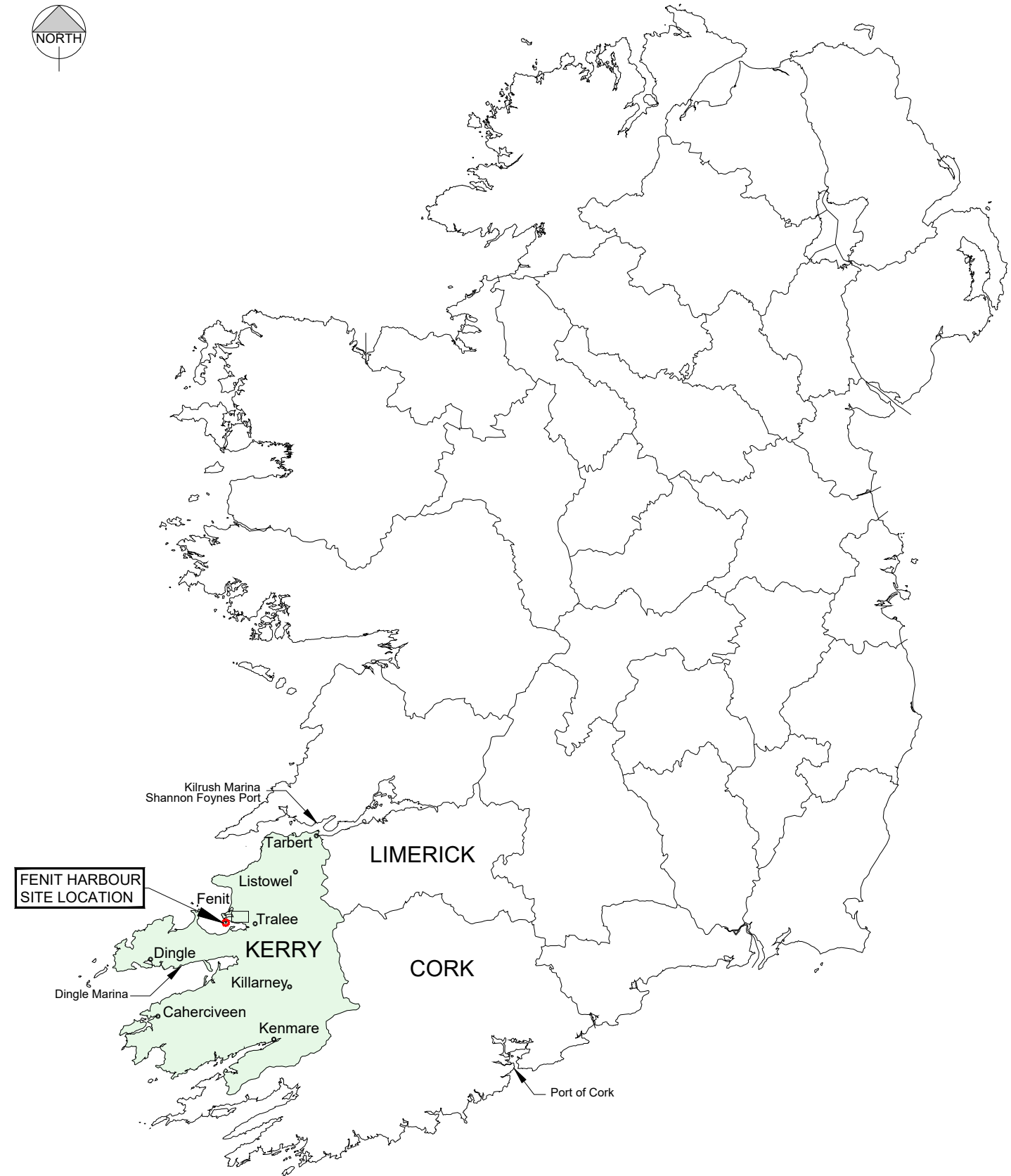
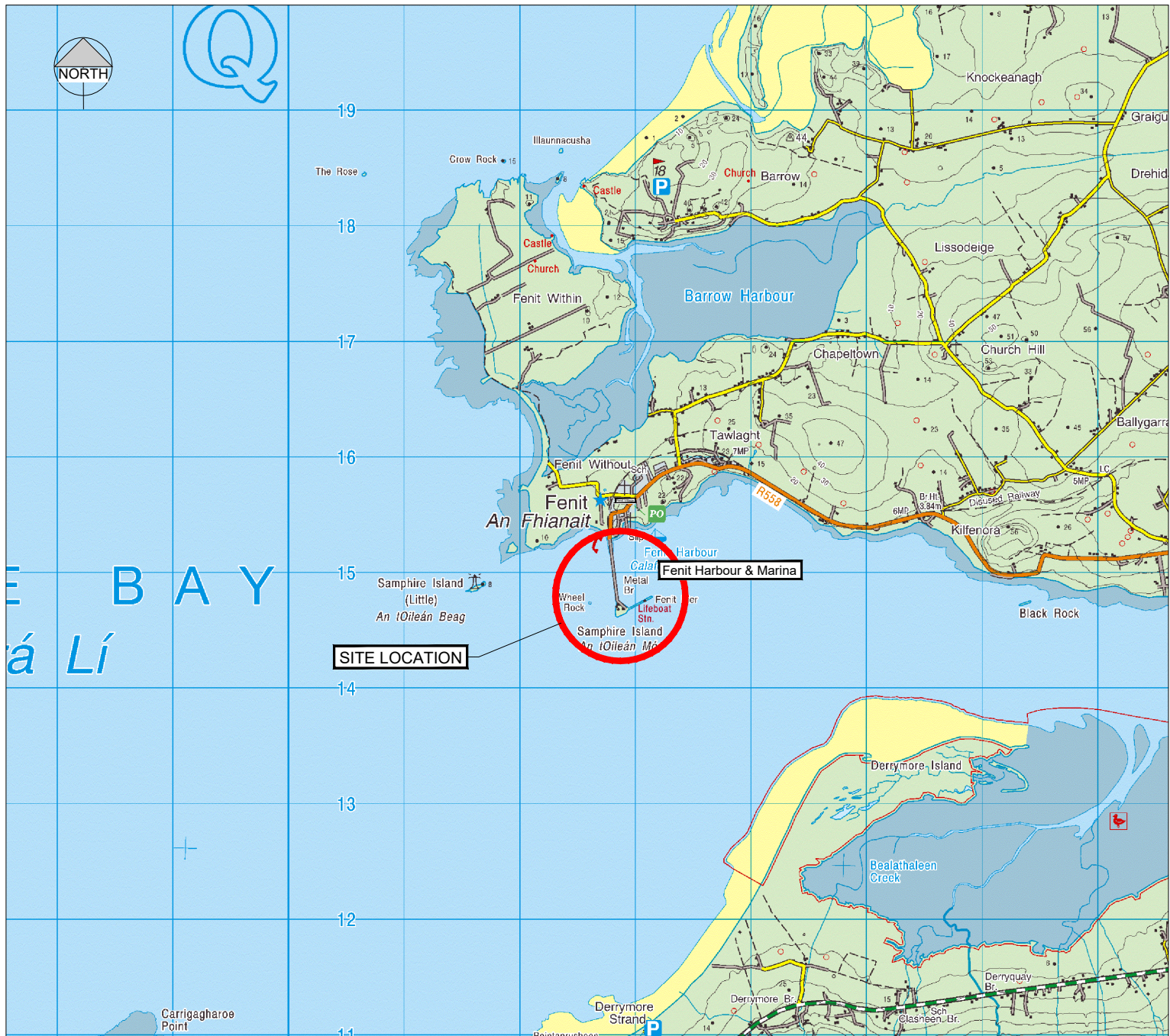




Map of Munster
Scale:NTS



Site Location - Discovery Map
Scale: 1:50,000

NOTE 1

The locations shown are indicative only and are derived from previous condition assessments.

NOTE 2

The Contractor shall undertake condition surveys, hammer sounding surveys and chlorides testing to confirm the extent of deterioration prior to repair works commencing.

NOTE 3

The Employer may instruct repairs to additional beam elements where defects become apparent following opening-up works.

NOTE 4

Payment shall be based on measured quantities completed in accordance with the Schedule of Rates.

NOTE 5

All concrete repairs shall comply with the Works Specification and shall include breakout of defective concrete, reinforcement treatment, corrosion protection and reinstatement using approved marine concrete repair materials.

St. Brendan Sculpture

Samphire Island



ZONE A - PRIORITY RC BEAM REPAIRS

Extent: Longitudinal rail beams, kerb beams and associated beam soffits identified as exhibiting advanced chloride-induced deterioration, reinforcement corrosion, concrete cracking, spalling and delamination.

Indicative Scope of Repairs:

Detailed hammer sounding survey and defect mapping of affected beam elements.
Delineation and marking of repair boundaries.
Saw cutting of repair perimeters to form clean vertical edges.
Breakout and removal of all loose, delaminated, hollow sounding and chloride-contaminated concrete.
Exposure of reinforcing steel to the full extent necessary to facilitate inspection and repair.
Cleaning of exposed reinforcement to bright metal condition.
Measurement and assessment of reinforcement section loss.
Installation of supplementary or replacement reinforcement where directed by the Employer's Representative.
Application of reinforcement corrosion protection system.
Application of approved bonding system to prepared substrates.
Reinstatement of beam soffits and beam sides using sprayed concrete repair mortar or approved marine concrete repair system.
Finishing and profiling of repaired surfaces to match existing beam geometry.
Curing, protection and testing of completed repairs.
Removal and disposal of all arisings.

Repair Depths:
Repairs are anticipated to range from localised patch repairs of approximately 25mm to extensive repairs exceeding 150mm depth in areas where reinforcement corrosion has resulted in significant concrete loss.

ZONE A - PRIORITY RC BEAM REPAIRS

- BREAK OUT CHLORIDE CONTAMINATED AND DELAMINATED CONCRETE.
- CLEAN AND TREAT EXPOSED REINFORCEMENT.
- REPLACE REINFORCEMENT WHERE DIRECTED.
- REINSTATE USING APPROVED SPRAYED CONCRETE REPAIR SYSTEM

ZONE B - CAPPING BEAM INVESTIGATION

- HAMMER SOUNDING, CHLORIDE TESTING AND LOCALISED CONCRETE REPAIRS.
- EXTENT OF REPAIRS TO BE CONFIRMED FOLLOWING OPENING-UP WORKS.

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.
- VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE E.R. IMMEDIATELY.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE SPECIFICATION.
- THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.
- BED LEVELS ARE GIVEN TO CHART DATUM.
- LEVELS ARE COORDINATES ARE TAKEN FROM THE AS-BUILT SURVEY.
- SITE EXTENTS ARE TO BE AGREED ON SITE.

P01	21.09.26	ISSUED FOR TENDER	SE	MOS
REV	DATE	DESCRIPTION	BY	APP

PROJECT: FENIT HARBOUR REPAIR WORKS

TITLE: GENERAL SITE LAYOUT

CLIENT: KERRY COUNTY COUNCIL



DRAWN: SE	CHECKED: MO	APPROVED: IB
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PROJECT NUMBER: 27335	DATE: 20/06/26	SCALE @ A1: 1:1000
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STATUS DESCRIPTION: FOR INFORMATION	STATUS: S2
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DRAWING NUMBER: 27335 - MWP -FE-XX-DR-C-0001	REV: P01
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