APPENDIX No. 14

Photographic Surveys of Gate and Wall Repairs, Existing Sea Defence Wall and Ground Damage

Galway Harbour Company

Galway Harbour Extension

Appendix No. 14

Photographic Surveys of Gate and Wall Repairs, Existing Sea Defence Wall and Ground Damage

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TOBIN
Consulting Engineers

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1 GATE AND WALL REPAIRS – PHOTOS 1-22

The general repair of fallen walls will be by raising stones back onto wall.

Gateways and cattle pass gaps to be repaired as follows.
See Figure 1 and Photographs of Gateways and Gaps 1-22

1. Fit 3.6m gate in gateway position, missing gate (1)
2. Fit 3.6m gate in gateway position, missing gate (2)
3. Repair fallen wall, no gate required [1]
4. Repair existing roadside gate {1}
5. Fit 2.4m gate in existing gap, missing gate (3)
6. Fit 2.4m gate in existing gap, missing gate (4)
7. Fit 2.4m gate in existing gap, missing gate (5)
8. Repair wall, no gate required [2]
9. Replace existing timber gate with 2.4m gate. Replace Gate [1] <1>.
10. Repair existing roadside gate {2}
11. Repair existing roadside gate {3}
12. Replace existing timber gate with 2.4m gate <2>
13. Maintain existing cattle pass, no gate required [3]
14. Fit 2.4m gate in existing gap, missing gate (6)
15. Replace old galvanised gate with 2.4m gate <3>
16. Fit 2.4m gate in existing gap, missing gate (7)
17. Repair existing roadside gate {4}
18. Replace existing entrance gate with 3.6m gate <4>
19. Replace existing 3.6m gate <5>
20. Replace existing 3.6m gate <6>
21. Fit 2.4m gate, repair post and wire fence missing gate (8)
22. Repair existing entrance gate {5}

There are 22 gateway / gaps.

- 3 gaps no gates required [ ]
- 8 necessary cattle pass gaps which do not presently have gates in position (missing gates) will have gates and posts supplied and fitted ( )
- 5 existing gates will be repaired { }
- 6 existing broken or poorly hung gates will be replaced < >

In total 14 gates will require to be purchased and fitted to replace missing or broken gates to allow appropriate control of the grazing of the lands.

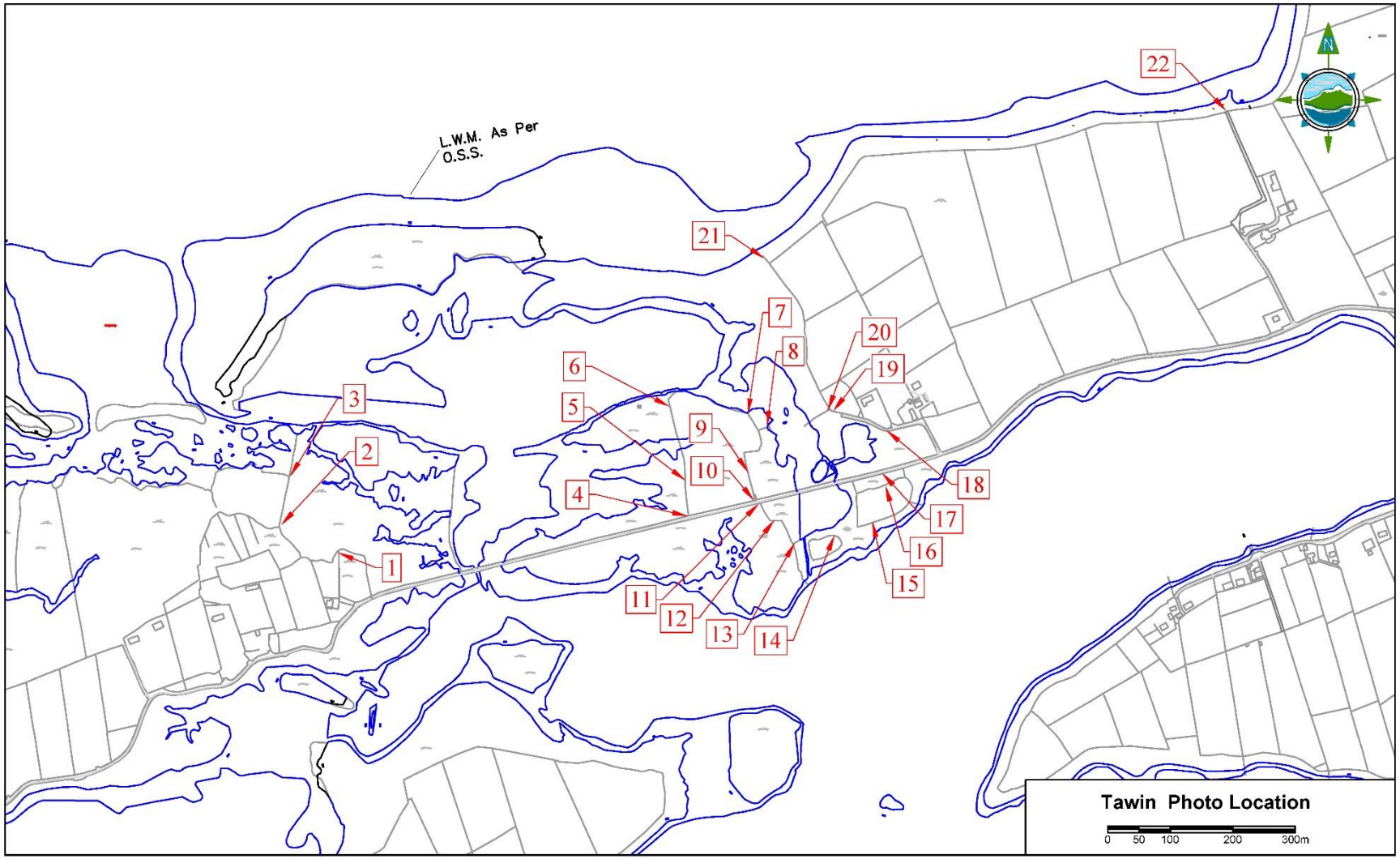

Fig. 1 – Gate Positions and Wall Repairs

Photo 1 – Gate location 1 between purchased lands and original owners' land
Fit 3.6m galvanised gate, hung from galvanised posts, in line of former wall. Remove pipe and road bollards and replace with gate.
Repair stone wall and make good the wall to left hand gate post.
Fit right hand post as close to house garden wall as wall foundation will allow. Missing Gate (1)

Photo 2 - Gate location 2 between purchased lands and original owners' lands.
Existing open access way.
Fit 3.6m galvanised gate hung from galvanised posts in line of former wall.
Repair stone wall and make good the wall to left and right hand gate posts Missing Gate (2)

Photo 3 - Repair stone walls by returning fallen stones to wall. No gate required (1). Close gap [1]

Photo 4 - Existing 3.6m galvanised gate and galvanised gate posts, cut back briars, repair gate spud at base of left hand post. Gate repair {1}

Photo 5 - Gate location 3. Fit 2.4m galvanised gate and posts, in cattle pass gap, repair wall and make good the wall to the gate posts Missing Gate (3).

Photo 6 - Gate location 4. Fit 2.4m galvanised gate and posts, in cattle pass gap, repair and make good the wall to the gate posts. Missing Gate (4).

Photo 7 – Fit 2.4m galvanised gate and posts, in cattle pass gap, repair and make good the wall to the gate posts. Missing Gate (5)

Photo 8 – Repair wall, gate not required. Gap not needed for cattle access. No gate required [2].

Photo 9 - Replace existing timber gate with a 2.4m galvanised gate and posts, repair wall and remove old timber gate. Replace Gate <1>

Photo 10 - Existing gate, cut back briars, maintain gate. Repair Gate {2}

Photo 11 - Replace gate closing post, repair walls. Repair Gate {3}

Photo 12 - Replace existing timber gate with a 2.4m galvanised gate and posts, repair walls and remove old gates. Replace Gate <2>

Photo 13 - Existing gap to minor area, leave as is, repair walls to left and right. No gate required [3]

Photo 14 - Fit 2.4m galvanised gate and posts in existing gap, repair walls. Gate missing (6)

Photo 15 - Replace old galvanised gate with a 2.4m gate with galvanised posts, repair wall, remove old gate. Replace Gate <3>

Photo 16 - Fit 2.4m gate with galvanised posts in existing gap, repair wall. Missing Gate (7)

Photo 17 - Fit new closing post, repair walls, remove trough / litter. Repair Gate {4}

Photo 18 - Main access to Mweeloon lands, replace existing gates, fit 3.6m galvanised gate and posts, make good to gate posts with timber rail as adjacent. Replace Gate <4>

Photo 19 - Replace old 3.6m gate and gate posts with 3.6m galvanised gate and posts. Replace Gate <5>

Photo 20 - Replace 3.6m gate and gate posts, repair walls. Replace Gate <6>

Photo 21 - Fit 2.4m gate and galvanised posts. Repair post and wire fence. Missing Gate (8)

Photo 22 - Repair existing gate. Gate Repair {5}

2 PHOTOS OF EXISTING SEA DEFENCE WALL, AT NORTH WEST OF LURGAN ISLAND, MWEELOON. PHOTOS 23-25

23: Extent of existing sea defence wall A-B at northwest of Lurgan, Mweeloon.

24: Existing sea defence wall looking east north, from A towards B.

25: Existing sea defence wall looking towards B from mid-way between A and B.

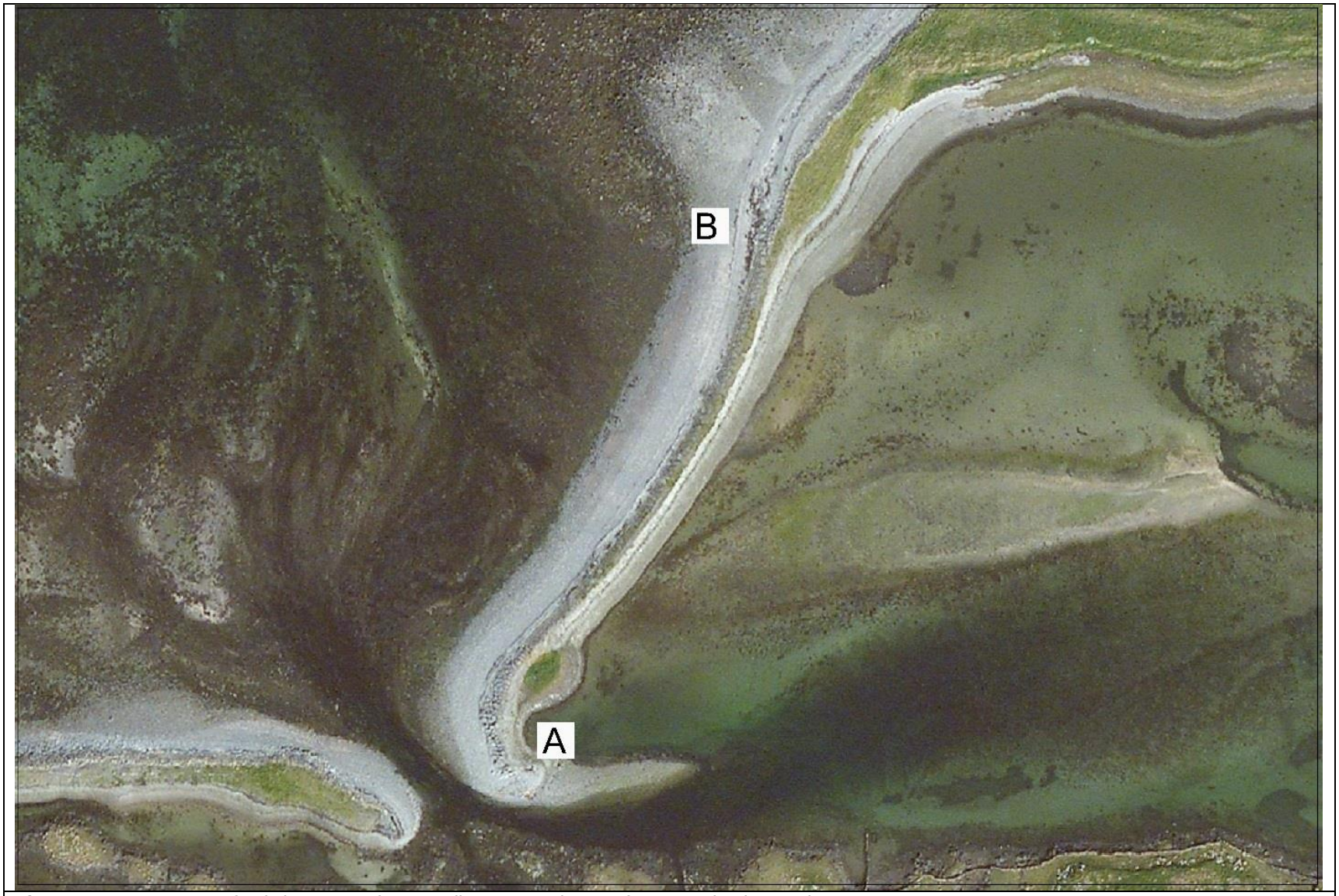

Photo 23- Extent of Existing Sea Defence Wall A-B at Northwest of Lurgan Island, Mweeloon.

Photo 24 - Existing Sea Defence Wall looking north eastwards, from A towards B

Photo 25 - Existing Sea Defence Wall looking towards B from mid-way between A and B

3 PHOTOS OF GROUND DAMAGE BY POACHING DUE TO LACK OF GATES AND LACK OF WALL REPAIRS, TO CONTROL GRAZING TO SET STOCKING OF VARIOUS FIELDS – PHOTOS 26 – 31

The following ground level photos show signs of ground abuse, which will be reduced by the grazing management proposed, which will be possible with the wall and gate repairs proposed.

26: Poaching, due to stocking during very wet weather.

27: Poaching and tractor rutting.

28: Cattle tracking because of over extensive grazing of entire area rather than set stock specific areas in rotation.

29: Wall repair and gating required to curtail poaching and tracking.

30: Cattle tracking.

31: Cattle and tractor tracking.

Photo 26 - Poaching

Photo 27 – Poaching and tractor rutting

Photo 28 – Cattle tracking

Photo 29 – Poaching and cattle tracking, wall repair required

Photo 30 – Cattle tracking

Photo 31 – Cattle and tractor tracking

4 AERIAL PHOTOGRAPHS OF GROUND DAMAGE SHOWING - PHOTOS 32 – 37

The following aerial photos show the signs of the damage to lands by poaching and tractor use on a plan basis.

32: Overall view of the lands showing various signs of poaching, cattle tracking and tractor rutting.

33: Tractor rutting and poaching at each side of the small lagoon, off the main Mweeloon lagoon.

34: Tractor rutting and poaching leading to the area of the small lagoon as above.

35: Tractor rutting and poaching extending north and south from the entrance to the land south of the first house to the east.

36: Cattle tracking and poaching of areas around the easterly lagoon south of the road and outside of the 3 enclosed paddocks where grazing is controlled.

37: Cattle tracking around and across the small more westerly lagoon, south of the road.

Photo 32 – Overall view of the lands showing various signs of poaching, cattle tracking and tractor rutting

Photo 33 – Tractor rutting and poaching at each side of the small lagoon, off the main Mweeloon lagoon

Photo 34 – Tractor rutting and poaching leading to the area of the small lagoon as above.

Photo 35 – Tractor rutting and poaching extending north and south from the entrance to the land south of the first house to the east.

Photo 36 – Cattle tracking and poaching of areas around the easterly lagoon south of the road and outside of the 3 enclosed paddocks where grazing is controlled.

Photo 37 – Cattle tracking around and across the small more westerly lagoon, south of the road.