PROPOSED CONSTRUCTION METHODS - EXTENT OF WORK

- Land Reclamation – Lagoon Construction

  Stage 1 = 15.54 hA, Stage 2 = 5.76 hA

- Dredging Works

  1.6 million cu.m Soil & Sediment,
  6,100 cu.m Rock
  1.606 million cu.m in total

- Sheet Pile Quay Walls – 660m

- Revetment Walls – 781m
  Sheet Pile Walls – 1059m

- Breakwater Construction

  Stage 1 = 60m, Stage 2 = 365m

- Slipway – 128m
  Fisherman's Pier – 190m

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DESIGN CONSIDERATIONS

- Ease of Ship Movement – In & Out of New Port
- Quays – Naturally sheltered by pattern of Layout
- Relocation of Tankers / Commercial Shipping from City Centre Providing City Marina Amenity
- Minimum Total Dredging / Very Minor Rock Dredging (0.37%)
- Reclamation achieved by Balanced Re-use of Dredged Material
- Construction traffic minimised by transport of construction materials by sea
- Provision of Rail Link, to Curtail Future Road Traffic
- Development of Complimentary Public Amenity Facilities on site

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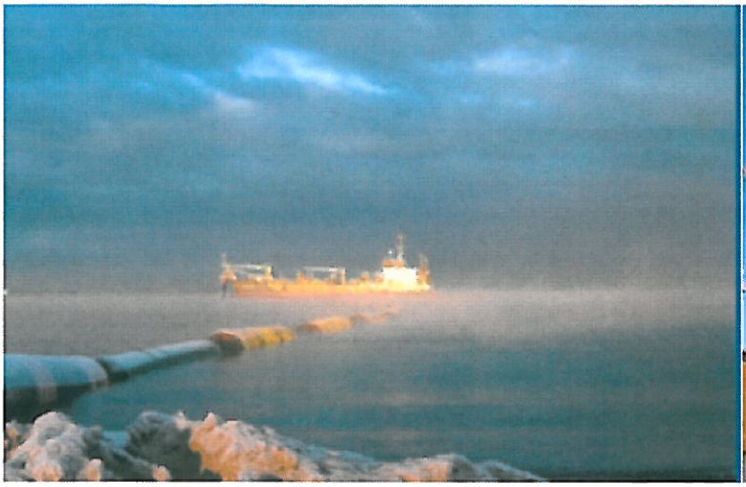
CONSTRUCTION WORKS



DREDGER TO FLOATING PIPELINE

BACKHOE TO BARGE

COMBI SHEET PILING

COMPLETED QUAY

REVETMENT WALL CONSTRUCTION

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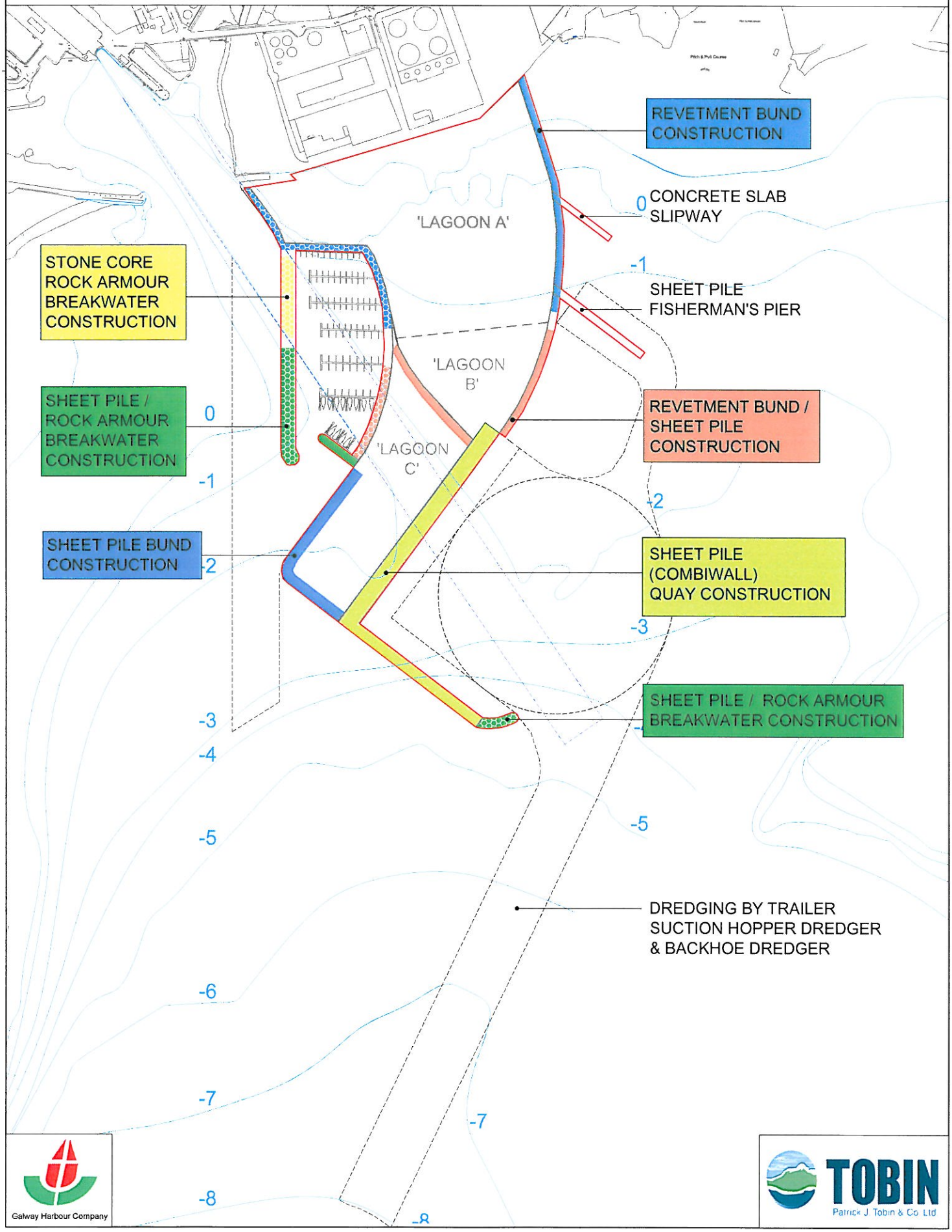
CONSTRUCTION LAYOUT



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