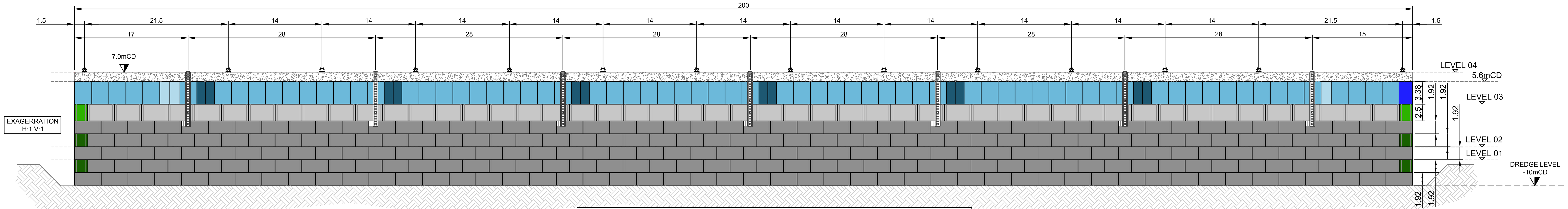
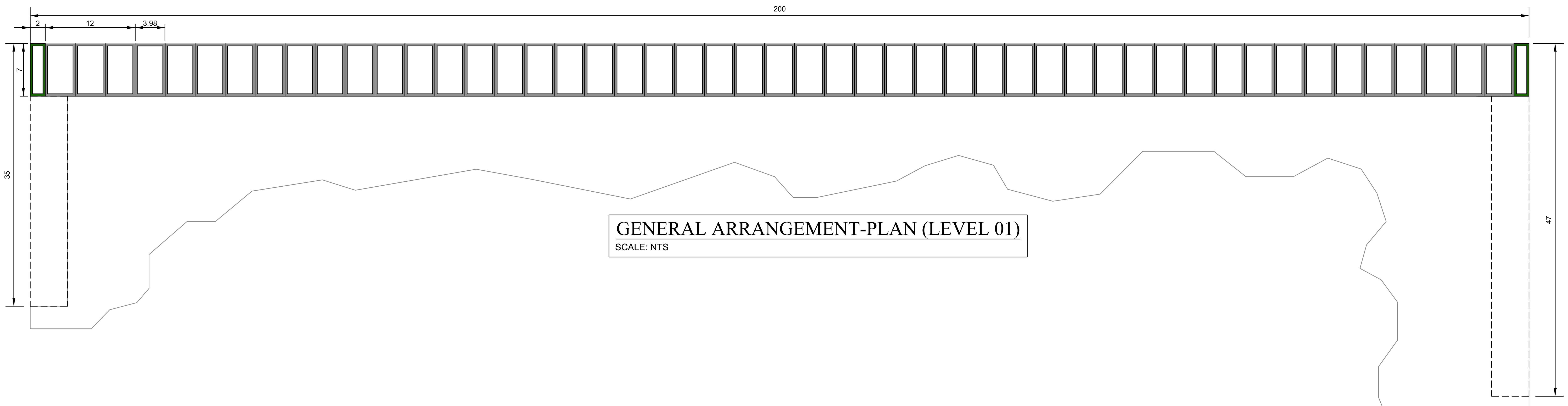
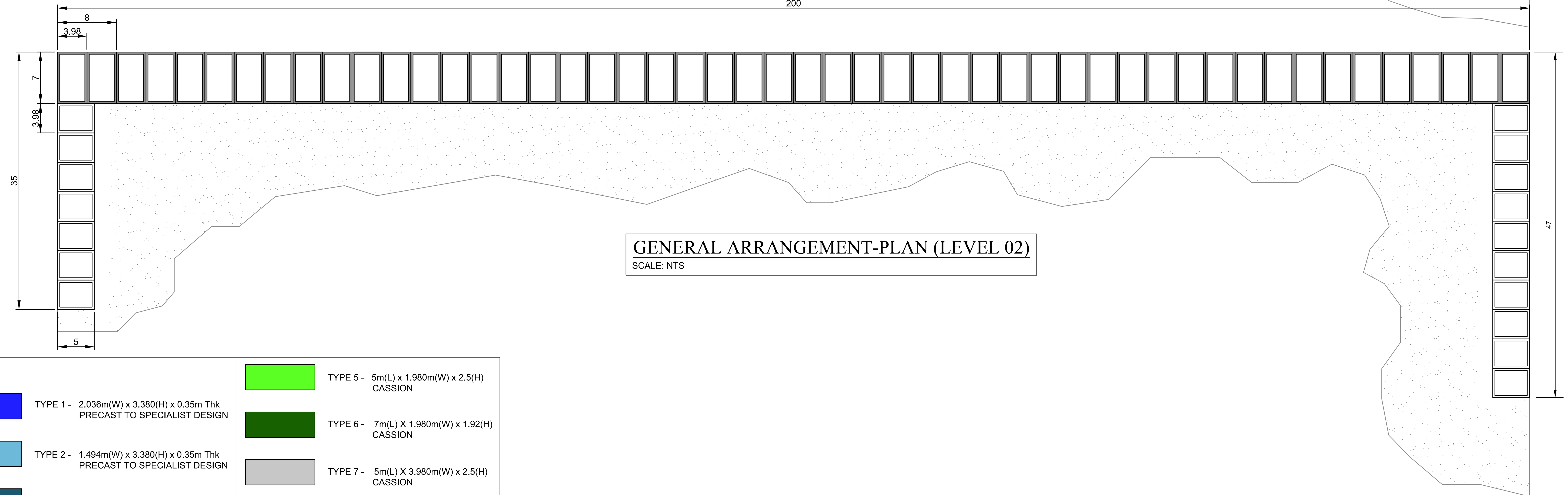


GENERAL ARRANGEMENT-FRONT ELEVATION
SCALE: NTS



GENERAL ARRANGEMENT-PLAN (LEVEL 01)
SCALE: NTS



GENERAL ARRANGEMENT-PLAN (LEVEL 02)
SCALE: NTS

- TYPE 1 - 2.036m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 2 - 1.494m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 3 - 1.315m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 4- 1.440m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 5- 1.616m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 6- 1.555m(W) x 3.380(H) x 0.35m Thk PRECAST TO SPECIALIST DESIGN
- TYPE 5 - 5m(L) x 1.980m(W) x 2.5(H) CASSION
- TYPE 6 - 7m(L) X 1.980m(W) x 1.92(H) CASSION
- TYPE 7 - 5m(L) X 3.980m(W) x 2.5(H) CASSION
- TYPE 8 - 7m(L) X 3.980m(W) x 1.92(H) CASSION
- TYPE 9 - 5m(L) X 3.980m(W) x 1.92(H) CASSION
- TYPE 10 - 5m(L) x 1.980m(W) x 2.2(H) CASSION
- INSITU RC BEAM

NOTES:

1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, SERVICES AND ENGINEERING DRAWINGS.
2. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.
4. USE DIMENSIONS ON DRAWINGS (DO NOT SCALE FROM DRAWINGS).
5. GRID AND COORDINATES ARE IN METRES RELATIVE TO I.T.M.
6. ALL LEVELS ARE IN METRES RELATIVE TO CHART DATUM (CD).
   O.D (MALIN) = +2.903MCD
   (POOLBEG) = +0.2MCD
7. MEAN HIGH WATER (MHW) = +4.4MCD
   MEAN LOW WATER (MLW) = +1.3MCD

CONSTRUCTION NOTES:

1. THE FOLLOWING SERVICES ARE TO BE PROVIDED TO THE BERTH AND HARDSTANDING AREA VIA SERVICE TRENCH(ES) AND/OR DUCTS:
   a) ELECTRICITY
   b) FRESH WATER
   c) FIRE FIGHTING FACILITIES
   d) TELECOMMUNICATIONS
   e) FOUL WATER DRAINAGE
2. SURFACE WATER DRAINAGE IS TO BE PROVIDED CONNECTING TO SUITABLE INTERCEPTOR PITS.
3. FURNITURE TO BE PROVIDED AT BERTH INCLUDES:
   a) BOLLARDS
   b) MOORING RINGS
   c) OVER-SIDE EMERGENCY LADDERS
   d) OVER-SIDE EMERGENCY LADDERS
   e) LIFE BELT MOUNTINGS
   f) SALT WATER FIRE HYDRANTS
   g) FRESH WATER HYDRANTS
   h) ELECTRICAL COMMUNICATION BOXES
4. BERTH AND SECURE HARDSTANDING TO BE LIT BY MEANS OF HIGH MAST FLOODLIGHTS.

CONCRETE NOTES:

1. STRUCTURAL CONCRETE SHOULD BE C40/50 WITH A MINIMUM CEMENT CONTENT OF 400kg/m3 (>46% GGBS). MASS CONCRETE SHOULD BE C20/25.
2. THE COVER FOR ALL STEEL REINFORCEMENT SHALL NOT BE LESS THAN 75MM UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
3. CONCRETE FINISH SHOULD BE U4.
4. REINFORCEMENT TO BE CLASS B500B AS DETAILED IN THE SPECIFICATION.
5. PRECAST CONCRETE SURFACES THAT ARE TO RECEIVE IN SITU CONCRETE SHALL HAVE AN EXPOSED AGGREGATE SURFACE.
6. EXPOSED FACES OF PRECAST UNITS SHALL HAVE A PLAIN SMOOTH FINISH.
7. LIFTING POINTS FOR PRECAST UNITS SHALL BE CONTRACTOR DESIGNED. LIFTING POINTS SHALL NOT BE LOCATED ON EXPOSED SURFACES. THE CONTRACTOR SHALL ISSUE DESIGN CALCULATION AND DRAWINGS FOR PROPOSED LIFTING POINTS TO THE EMPLOYER'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

PRECAST PLANKS:

1. CAISSON CONCRETE, INCLUDING NIBS, DO NOT REQUIRE REINFORCEMENT AS LONG AS LIFTS ARE LIMITED TO A MAXIMUM OF 2m AT A RATE OF 0.2m/h IF GREATER LIFTS OR FILLING RATES ARE REQUIRED, A393 MESH IS REQUIRED WITHIN THE NIB.
2. PRECAST PLANKS SHOULD BE SEQUENCED SO THAT THE SEAWARD PLANK IS HIGHER THAN THE LANDWARD PLANK.

GRANULAR FILL NOTE:

1. CLASS 6A MATERIAL IS TO BE USED TO FORM THE RECLAMATION AREA BELOW MEAN SEA LEVEL AND CLASS 804 USED ABOVE MEAN SEA LEVEL.
2. REFER TO VOL A: WORKS REQUIREMENTS APPENDIX 6/7 FOR SUB-GRADE AND SUB-BASE TESTING AND SURCHARGING.

REV	DATE	DESCRIPTION	BY	APP
0	21.11.25	ISSUED FOR PLANNING	JK	CF

PROJECT:
ROS AN MHÍL DEEP WATER QUAY

TITLE:
GENERAL ARRANGEMENT OF QUAY WALL - FRONT ELEVATION AND PLAN SHEET 1

CLIENT:
DEPARTMENT OF AGRICULTURE, FOOD & THE MARINE

ENGINEERING AND ENVIRONMENTAL CONSULTANTS
CORK | TRALEE | LONDON | LIMERICK
mwp.ie

DRAWN:	CHECKED:	APPROVED:
JK	CF	CF
PROJECT NUMBER: 24984	DATE: NOVEMBER 2025	SCALE @ A1: AS SHOWN

ACCEPTANCE CODE:	PURPOSE OF ISSUE:	PURPOSE CODE:
S	ISSUED FOR PLANNING PERMISSION	P3

DRAWING NUMBER:	REV:
24984-XX-XXX-DR-MWP-CE-5401	0