

Notes

GENERAL NOTES:

1. DO NOT SCALE DRAWING. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL, MECHANICAL/ELECTRICAL AND ENGINEERING DRAWINGS.
3. STRUCTURAL CONCRETE TO BE AS PER SPECIFICATION OR SIMILAR APPROVED UNO.
4. ALL REINFORCEMENT TO BE INSPECTED BY ENGINEER PRIOR TO POURING IN ORDER TO CONSTRUCT THE BUILDING. WHATS MAINTAINING OVERALL.
5. FOR ALL SETTING OUT, REFER TO ARCHITECT'S DETAILS.
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED IN ORDER TO CONSTRUCT THE BUILDING. WHATS MAINTAINING OVERALL.
7. ALL FLOOR BUILD UPS, INSULATION, DPC AND ROOF DETAILS SHOWN ON THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.
8. USE PROPER THERMAL BREAKS AT ALL JOINTS AND SPECIFICATION FOR CONSTRUCTION DETAILS.
9. THERMAL BREAKS TO BE PROVIDED AT THE BASE OF ALL LOAD BEARING WALLS AND ROOF DETAILS.
10. BOTTOM OF TRENCHES TO BE CLEANED AND SLOPED OFF BY ENGINEER PRIOR TO THE POURING OF ANY CONCRETE.
11. ALL REINFORCEMENT MUST BE COMBINED WITH THE RELEVANT PARTS OF THE DRAWING TO SHOW THE LOCATION AND SPACING OF ALL REINFORCEMENT. ENSURING THE WORKS ARE CARRIED OUT USING PROPER MATERIALS WHICH ARE FIT FOR USE FOR WHICH THEY ARE INTENDED AND FOR THE SPECIFICATION.
12. ALL MATERIALS USED SHALL BE CE MARKED IN ACCORDANCE WITH THE EU CONSTRUCTION PRODUCT REGULATIONS (CPR) (No. 305/2011). REFER TO ANNEX IV OF THE REGULATIONS FOR THE LIST OF APPLICABLE PRODUCTS.

CONCRETE SPECIFICATION:

1. MINIMUM COMPRESSIVE STRENGTH: C35/45.
2. EXPOSURE CLASS: XC2, XC3.
3. MAXIMUM WATERTIGHTNESS: S1.
4. MAXIMUM WATERTIGHTNESS RATIO: 0.05.
5. ALL CONCRETE SHALL BE OBTAINED FROM AN APPROVED READY MIX SUPPLIER. IT SHALL BE MANUFACTURED, SUPPLIED & TRANSPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF BS 8800:2005 AND CURED IN ACCORDANCE WITH BS 1970.

HARDCORE/BUILDING UNDER CONCRETE SLAB NOTES:

1. HARDCORE/BUILDING UNDER CONCRETE SHALL CONFORM WITH BS EN 12427:2002 AND MEET THE SPECIFICATION AS OUTLINED IN ANNEX E OF THE ACCOMPANYING GUIDANCE DOCUMENT TO THIS STANDARD, SR 21:2014 + A1:2007.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE MATERIALS FOR USE UNDER FLOORS & FOOTWAYS WITHIN 500mm OF EXTERNAL WALLS AND OBTAIN CONFIRMATION ON THE DELIVERY DOCKET THAT THE GRANULAR FILL MATERIAL DELIVERED TO SITE FOR USE IN THESE AREAS IS IN ACCORDANCE WITH THESE RECOMMENDATIONS.

REINFORCEMENT NOTES:

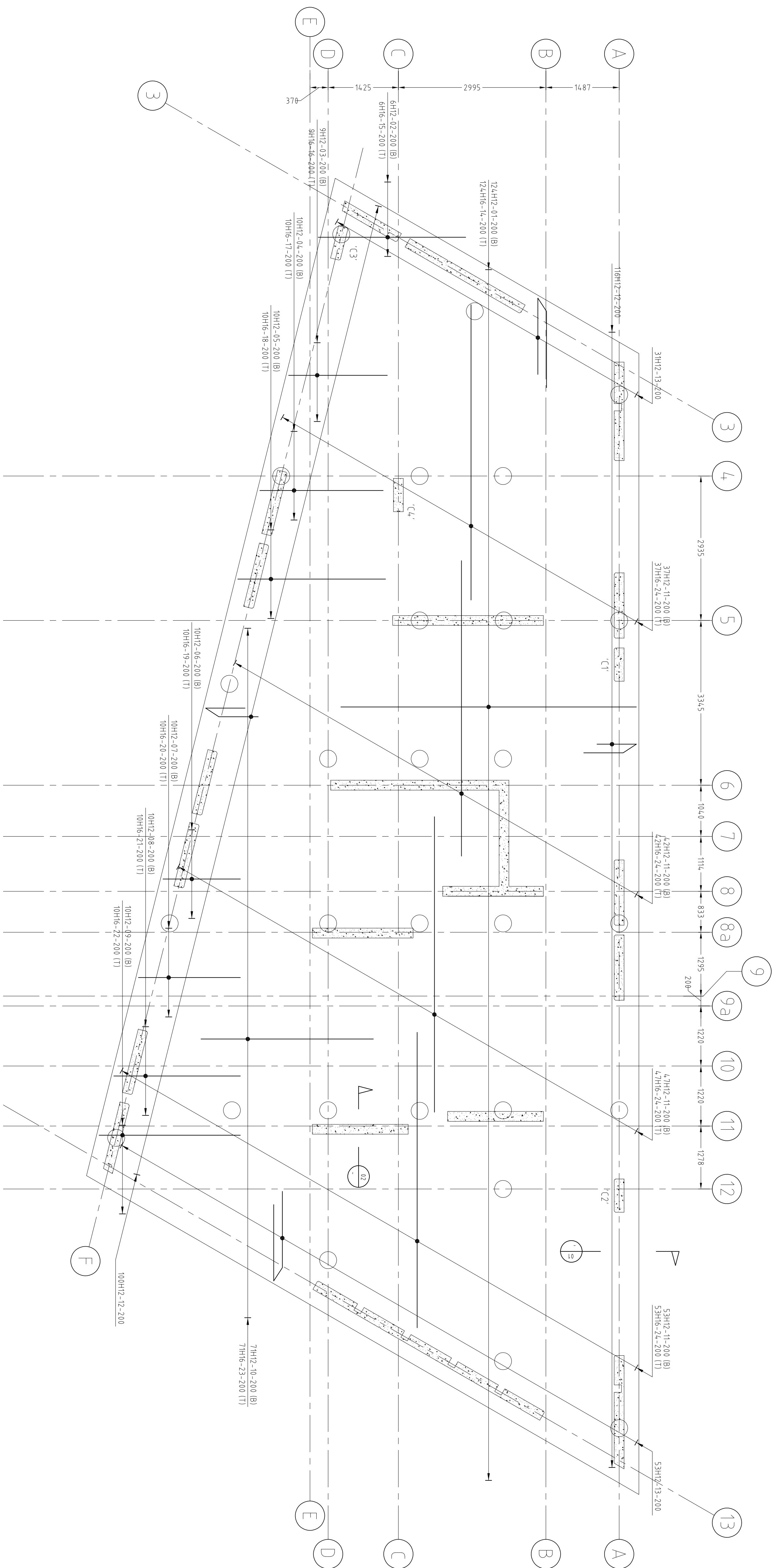
1. HIGH YIELD DEFORMED BARS FOR USE IN THE WORKS SHALL BE HOT ROLLED REINFORCEMENT BARS.
2. REINFORCING BARS SHALL BE BENT BY MACHINES OR OTHER APPROVED MEANS PRODUCING A GRADUAL AND EVEN MOTION TO CONFORM TO THE DIMENSIONS SHOWN ON THE PLANS AND BENDING SCHEDULES TO BS 8666:2005.
3. (T) = TOP; (M) = MIDDLE; (B) = BOTTOM; (NS) = NEAR SIDE; (FS) = FARSIDE.
4. (NSD) = NOT SHOWN ON PLAN.
5. LAPS SHALL BE 35x DIAMETER OF BAR.
6. LAPS SHALL BE 35x DIAMETER OF BAR.
7. LAP LENGTH FOR MESH REINFORCEMENT TO BE 800mm.

LEGEND:



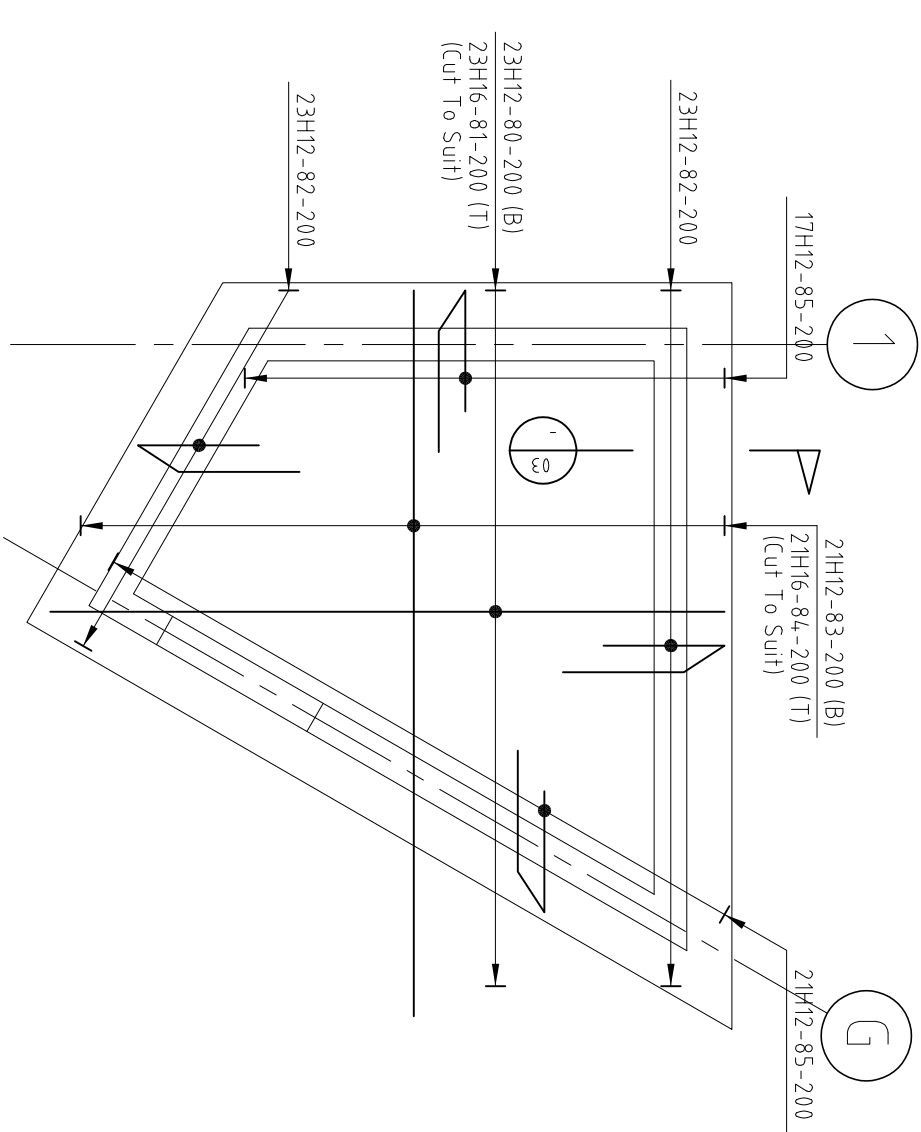
1st, 4th

2nd, 3rd



PROPOSED RAFT SLAB LAYOUT

SCALE 1:50



PROPOSED RAFT SLAB LAYOUT (Pump Hse.)

SCALE 1:50

SECTION 01

SCALE 1:20

SECTION 02

SCALE 1:20

SECTION 03

SCALE 1:25

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Project: Claycastle Watersports Facility,
Youghal, Co. Cork.

Proposed Raft Foundation Reinforcement

Designed: BA	Drawn: GR	Date: Feb. '26
Eng Chk: BA	Dwg Chk: BA	Scale: AS SHOWN
Project No: 572	Status: Rev: T1	

Drawing No: 102