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Original Drawing Size A1

Notes

GENERAL NOTES:

1. DO NOT SCALE DRAWING, USE FIGURED DIMENSIONS ONLY.
2. DRAWING SHALL BE IN ACCORDANCE WITH THE MOST RELEVANT DRAWINGS & SPECIFICATIONS.
3. DRAWING SHALL BE TO BE AS PER SPECIFICATION OR SIMILAR APPLICABLE UNO.
4. ALL REINFORCEMENT TO BE INSPECTED BY ENGINEER PRIOR TO POURING CONCRETE.
5. FOR ALL SETTING OUT, REFER TO ARCHITECT'S DETAILS.
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED TO BRIDGE TO CONSTRUCT THE BUILDING, WHILE MAINTAINING OVERALL STABILITY.
7. ALL FLOOR BALD UPS, INSULATION, PPC AND RAFTON DETAILS SHOWN ON THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSES ONLY.
8. THE CONTRACTOR SHALL PROVIDE ALL THE DRAWINGS AND SPECIFICATION FOR CONSTRUCTION DETAILS.
9. USE APPROPRIATE CALIBRATED JIGS/HANGERS AT ALL TIMBER JOINTS UNO.
10. ALL WALLS SHALL BE CONSTRUCTED WITH 150MM THICK CONCRETE.
11. WALLS & LOCATIONS TO BE AS PER ARCHITECT'S DETAILS.
12. BOTTOM OF FRANCHES TO BE CLEANED AND STRENGTHEN BY ENGINEER.
13. ALL WORKS CARRIED OUT MUST COMPLY WITH THE RELEVANT PARTS OF THE CURRENT BUILDING REGULATIONS AND TECHNICAL DRAWING DOCUMENTS.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL THE NECESSARY SETTING OUT FOR USE FOR WHICH THEY ARE INTENDED AND FOR THE CONDITIONS IN WHICH THE ARE USED.
15. ALL MATERIALS USED SHALL BE IN ACCORDANCE WITH THE BUILDING REGULATIONS AND TECHNICAL DRAWING DOCUMENTS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL THE NECESSARY PERMITS AND REGULATIONS FOR THE USE OF ALL APPLICABLE PRODUCTS.

CONCRETE SPECIFICATION:

1. MINIMUM COMPRESSIVE STRENGTH: C35/45
2. EXPOSURE CLASS: XC2, XC2.
3. MINIMUM CEMENT CONTENT: 320kg/m³.
4. MAXIMUM WATER/CEMENT RATIO: 0.55.
5. ALL CONCRETE SHALL BE OBTAINED FROM SUPPLIER. IT SHALL BE MANUFACTURED, S IN ACCORDANCE WITH IS EN 206. IT SHALL CURED IN ACCORDANCE WITH IS EN 13670.

HARDCORE/BLINDING UNDER CONCRETE SLAB NOTES:

1. HARDWARE/JOINING SHOULD BE CONFORMANT WITH IS EN 13942:2002 AND MEET THE SPECIFICATION AS OUTLINED IN ANNEX 'E' OF THE ACCOMPANYING GUIDANCE DOCUMENT TO THIS STANDARD, SR 21:2014 + A1:2007.

THE CONTRACTOR SHOULD ADVISE WHEN ORDERING, THAT THE MATERIAL IS FOR USE UNDER FLOORS & FOOTPATHS (MIN 500mm OF EXTERNAL WALLS) AND OBTAIN CONFIIRMATION ON THE DELIVERY DOCKET THAT THE GRANULAR FILL MATERIAL, DELIVERED TO SITE FOR USE IN THESE AREAS, IS IN ACCORDANCE WITH THESE RECOMMENDATIONS.

BLOCKWORK SPECIFICATION:

1. BLOCKWORK BELOW DPC LEVEL TO BE 13N BLOCKS WITH M12 MORTAR.

LEGEND:



 = TOP OF RAFT LEVEL

350 = SLAB THICKNESS

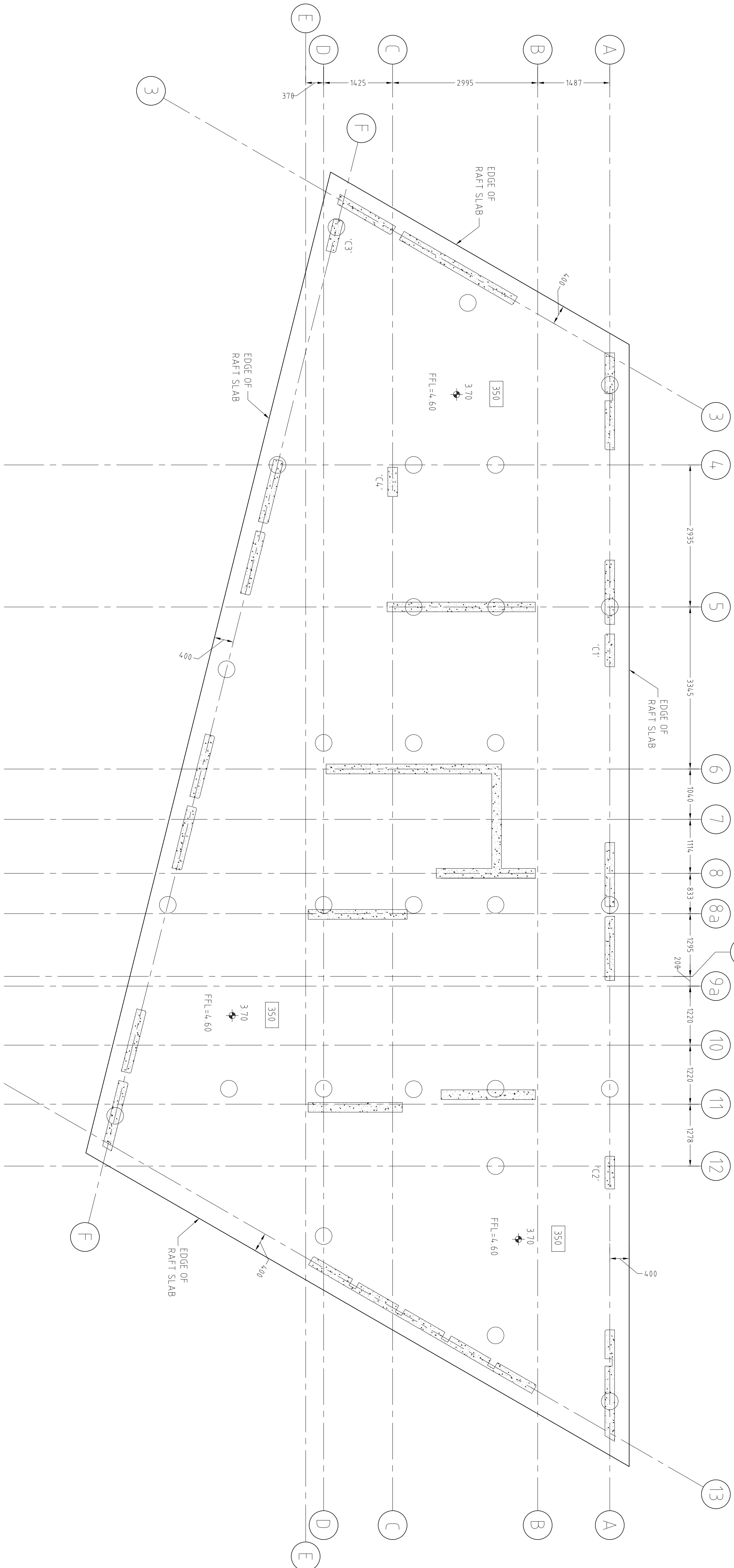


= STEP IN SLAB

REINFORCEMENT NOTES:

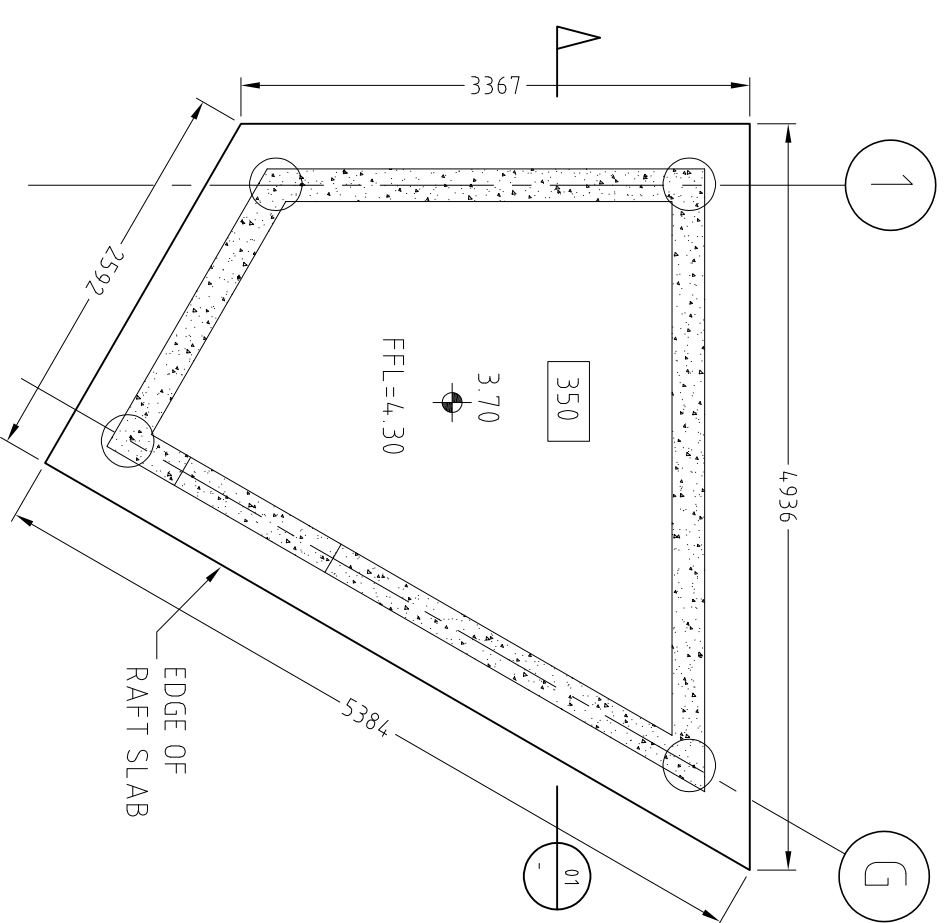
REINFORCEMENT NOTES:

1. STEEL REINFORCEMENT TO RAFT TO BE 110kg/m².
2. STEEL REINFORCEMENT TO WALLS TO BE 75kg/m².



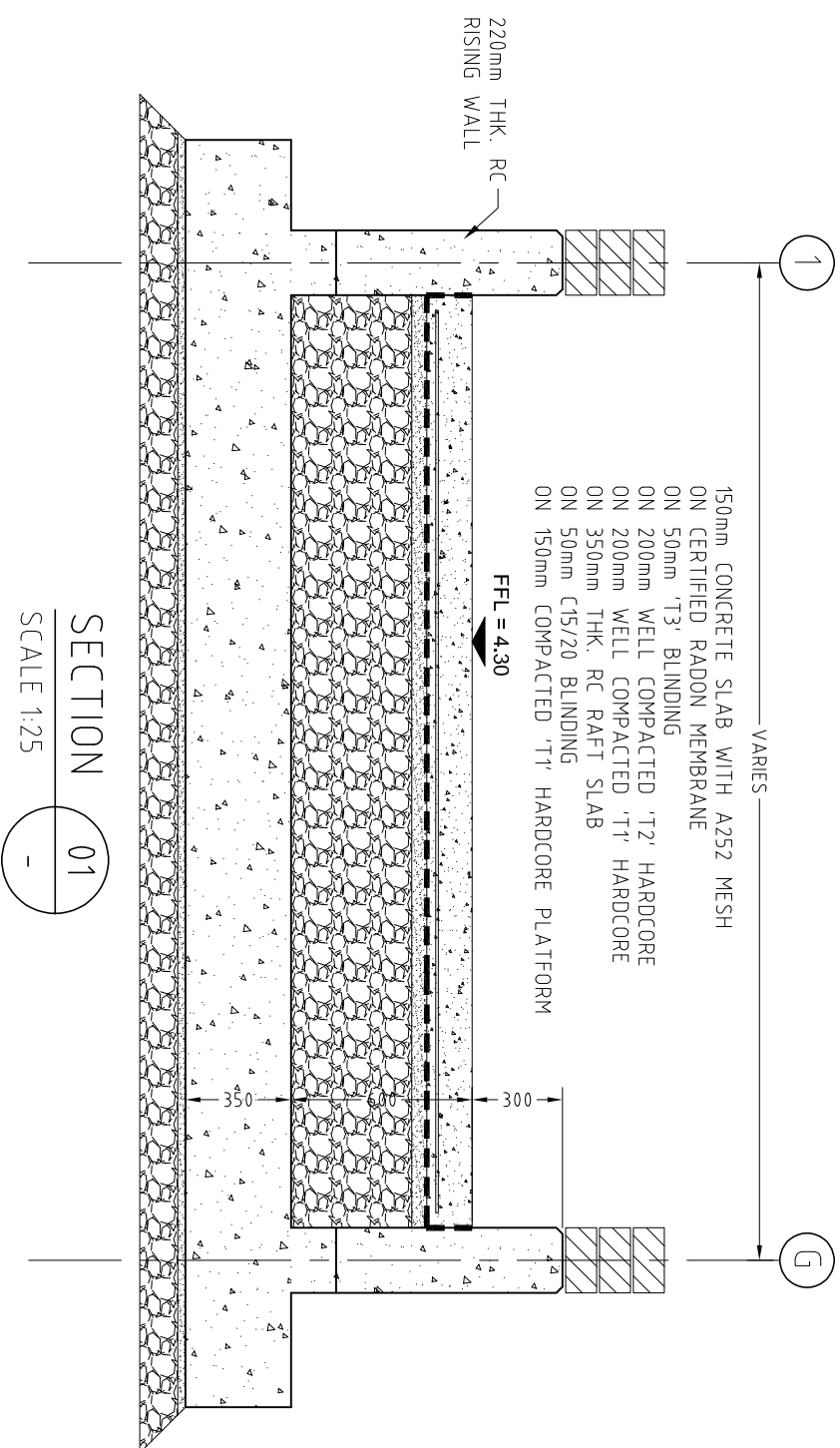
PROPOSED RAFT SLAB LAYOUT

SCALE 1:50



SECTION

SCALE 1:25



PROPOSED RAFT SLAB LAYOUT (Pump Hse.)

SCALE 1:50

Rev	1	GR	Section Three External Paint Room Added	BA
Date	June 26 T Feb. 26	GR	Issued for "mudar"	BA
				CH-91

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CONSULTING ENGINEERS

CIVIL | STRUCTURAL | PROJECT MANAGEMENT

 **CONSTRUCTION**
IRELAND

Client:
Cork County Council

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

Drawing Title :		Proposed Rafter Foundation	
General Arrangement			
Designed: BA	Drawn: GR	Date: Feb. '26	
Eng Chk: BA	Dwg Chk: BA	Scale: AS SHOWN	
Project No:	572		
Drawing No:	101	Status: Tender	Rev: T1