

1. DO NOT RE-EXAMINE ANY REQUIRED DIMENSIONS ONLY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL RELEVANT ARCHITECTURAL, MECHANICAL, ELECTRICAL AND ENGINEERING DRAWINGS & SPECIFICATIONS.
3. STRUCTURED TO BE CONNECTED TO BE AS PER SPECIFICATION OR SIMILAR.
4. ALL REINFORCEMENT TO BE INSPECTED BY ENGINEER PRIOR TO POURING OF CONCRETE.
5. THE CONTRACTOR SHALL REFER TO ARCHITECTS DETAILS.
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED IN ORDER TO CONSTRUCT THE BUILDING, WHILE MAINTAINING OVERALL.
7. ALL FLOOR BUILT UPS, INSULATION, DPC AND RAFTON DETAILS SHOWN ON THESE DRAWING ARE FOR ARCHITECTS DRAWINGS AND SPECIFICATION FOR CONSTRUCTION DETAILS.
8. USE APPROPRIATE MATERIALS JUST HANGERS AT ALL TIMBER JOINTS AND NAILS LOCATIONS TO BE AS PER ARCHITECTS DETAILS.
9. BOTTOM OF FRANCHISE TO BE CLEANED AND SIGNED OFF BY ENGINEER.
10. ALL WORKS CARRIED OUT MUST COMPLY WITH THE RELEVANT PARTS OF THE CURRENT BUILDING REGULATIONS AND TECHNICAL GUIDANCE DOCUMENTS, AND TAKE INTO CONSIDERATION THE RELEVANT STANDARDS WHICH ARE APPLICABLE FOR THE WORKS UNDERTAKEN AND FOR THE CONDITIONS IN WHICH THE ARE USED.
11. ALL MATERIALS USED SHALL BE EXAMINED IN ACCORDANCE WITH THE BUILDING REGULATIONS AND TECHNICAL GUIDANCE DOCUMENTS AND THE ANNEX OF THE REGULATIONS FOR THE USE OF APPLICABLE PRODUCTS.

CONCRETE SPECIFICATION:

1. MINIMUM COMPRESSIVE STRENGTH: C40/50.
2. EXPOSURE CLASS: XF3, XS1.
3. MINIMUM CEMENT CONTENT: 320kg/m³.
4. MAXIMUM WATER/CEMENT RATIO: 0,55.
5. ALL CONCRETE SHALL BE OBTAINED FROM AN APPROVED READY MIX SUPPLIER. IT SHALL BE MANUFACTURED, SUPPLIED & TRANSPORTED IN ACCORDANCE WITH IS EN 206. IT SHALL BE PLACED IN POSITION AND CURED IN ACCORDANCE WITH IS EN 12570.

REINFORCEMENT NOTES:

1. HIGH YIELD DEFORMED BARS FOR USE IN THE WORKS, SHALL BE HOT ROLLED STEEL BARS, COMPLYING WITH BS. 4449:2005.
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 BEING SCHEDULED.
3. $(f_t) = \text{TOP (MM) IN (MM)}$, $(f_b) = \text{BOTTOM (MM) IN (MM)}$ BS 6666:2005.
4. $(f_t) = \text{TOP (MM) IN (MM)}$, $(f_b) = \text{BOTTOM (MM) IN (MM)}$ BS 6666:2005.
5. COVER TO SLAB REINFORCEMENT = 40mm.
6. LAP LENGTH TO BE 50 TIMES OF BAR.
7. LAP LENGTH FOR MESH REINFORCEMENT TO BE 800mm.

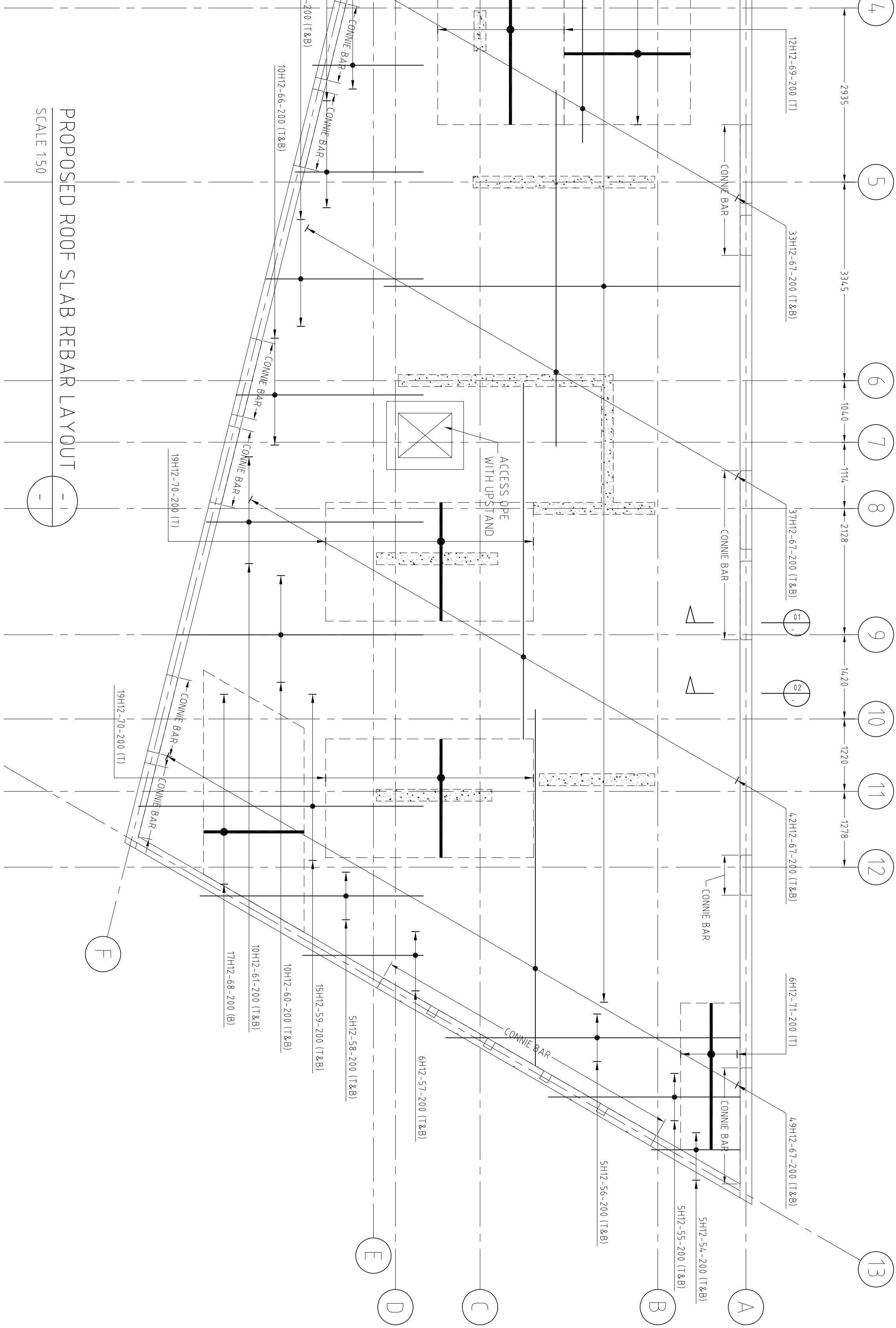
LEGEND:

 = SECTION MARK 01 ON CURRENT DRAWING

1st, 4th

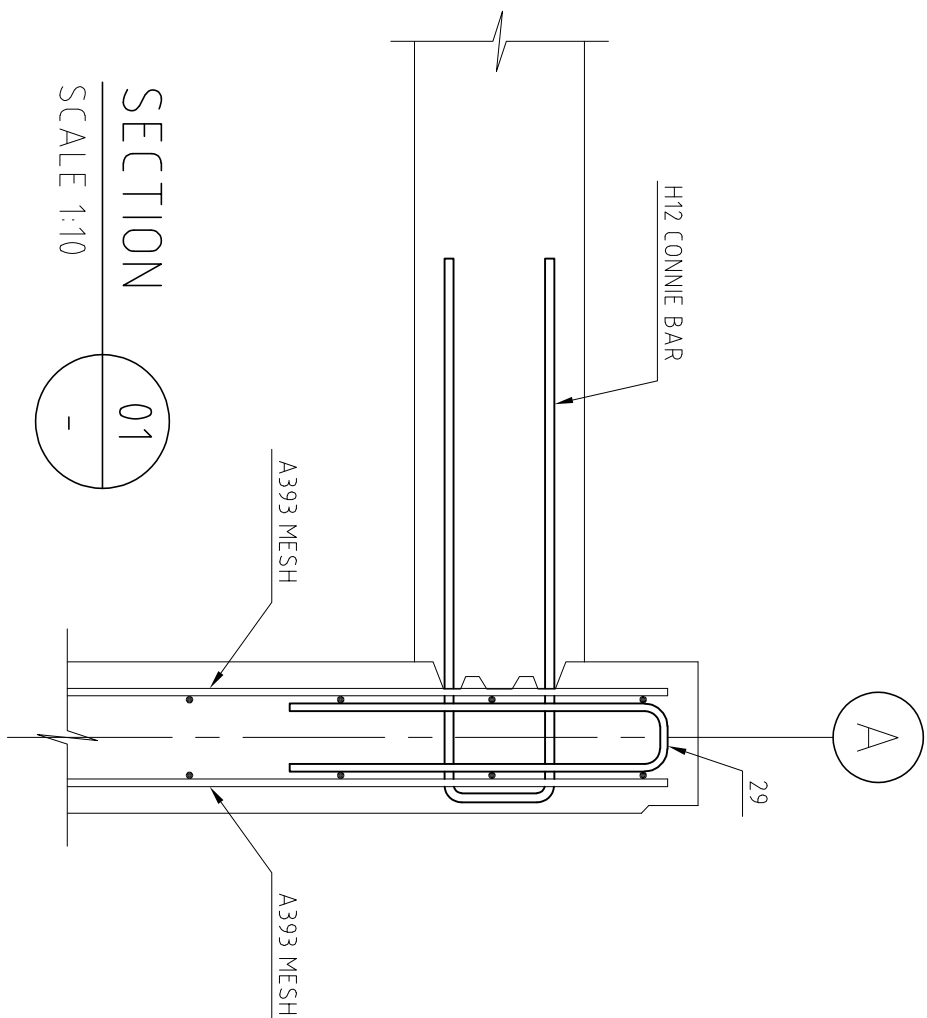
2nd, 3rd

PROPOSED ROOF SLAB REBAR LAYOUT



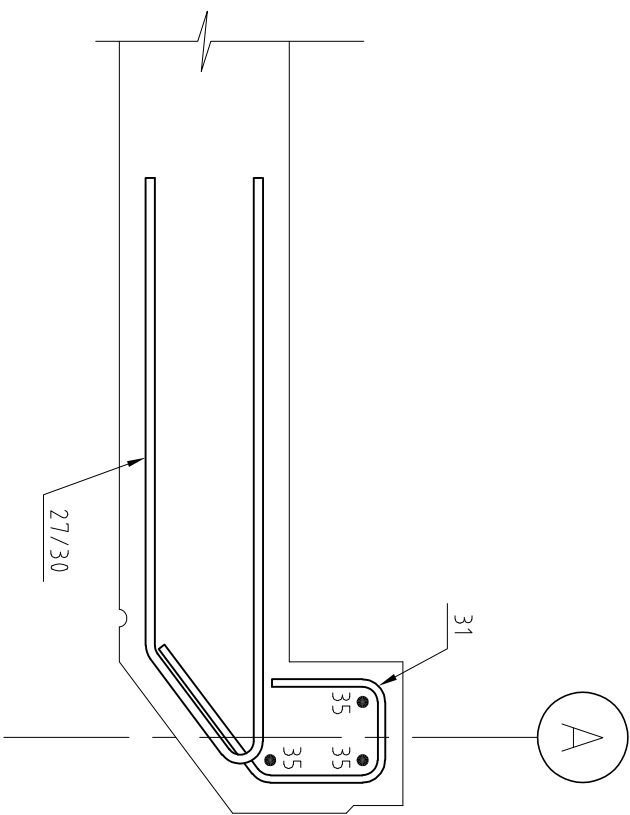
SECTION
SCALE 1:10

SCALE 1:10



SECTION

SCALE 1:10



Rev	Date	Description
1	Feb. 26	Issued for tender
CH'd		BA

CONSULTING ENGINEERS

CIVIL | STRUCTURAL | PROJECT MANAGEMENT

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Client: **Cork County Council**

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

Drawing Title :		Proposed Roof Slab Layout	
Reinforcement			
Designed: BA	Drawn: GR	Date: Feb. '26	
Eng Chk: BA	Dwg Chk: BA	Scale: AS SHOWN	
Project No:	572		
Drawing No:	106	Status: Tender	Rev: T