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Original Drawing Size A1

Notes

GENERAL NOTES:

1. DO NOT SIGN DRAWING, USE REQUIRED DIMENSIONS ONLY.
2. ALL DIMENSIONS MUST BE IN METERS, UNLESS OTHERWISE RELEVANT
3. ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND ENGINEERING DRAWINGS & SPECIFICATIONS.
4. STRUCTURAL CONCRETE TO BE AS PER SPECIFICATION OR SIMILAR
5. ALL REINFORCEMENT TO BE INSPECTED BY ENGINEER PRIOR TO POURING
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS REQUIRED IN ORDER TO CONSTRUCT THE BUILDING WITH MAIN FINISHING DETAILS.
7. ALL FLOOR SLAB UPS, INSULATION, DPC AND RAFTON DETAILS SHOWN ON THESE DRAWINGS ARE FOR ILLUSTRATION PURPOSE ONLY.
8. CONSTRUCTION DETAILS TO BE AS PER THE DRAWINGS AND SPECIFICATION FOR CONSTRUCTION DETAILS.
9. USE PROPERLY GALVANIZED JOIST HANGERS AT ALL TIMBER JOINTS & UNO
10. WALLS LOCATIONS TO BE AS PER ARCHITECTS DETAILS.
11. BOTTOM OF TERRACES TO BE CLEANED AND SLOPED OFF BY ENGINEER
12. ALL WORKS CARRIED OUT MUST COME WITH THE RELEVANT PARTS OF THE CURRENT BUILDING REGULATIONS AND TECHNICAL GUIDANCE DOCUMENTS.
13. ALL ELECTRICAL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THOSE WHICH ARE FIT FOR USE FOR WHICH THEY ARE INTENDED AND FOR THE CONDITIONS IN WHICH THEY ARE USED.
14. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE EU CONSTRUCTION PRODUCT REGULATIONS (CPR) No.550/2011, REFER TO ANNEX IV OF THE REGULATIONS FOR LIST OF APPLICABLE PRODUCTS.

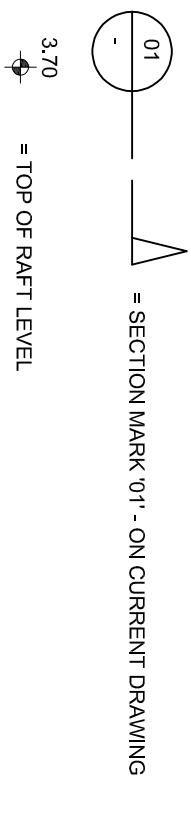
CONCRETE SPECIFICATION:

1. MINIMUM COMPRESSIVE STRENGTH: C35/45.
2. EXPOSURE CLASS: XC2, XD2.
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 13670.

HARDCORE/BLINDING UNDER CONCRETE SLAB NOTES

1. HARDWARE/BLINDING SHOULD CONFORM WITH IS EN 13242:2002 AND MEET THE SPECIFICATION AS OUTLINED IN ANNEX 'E' OF THE ACCOMPANYING GUIDANCE DOCUMENT TO THIS STANDARD, ASR 21:2014 + A1:2007.
- THE CONTRACTOR SHOULD ADVISE WHEN ORDERING, THAT THE MATERIAL IS FOR USE UNDER FLOORS & FOOTPATHS (WITH 50mm or 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.

LEGEND

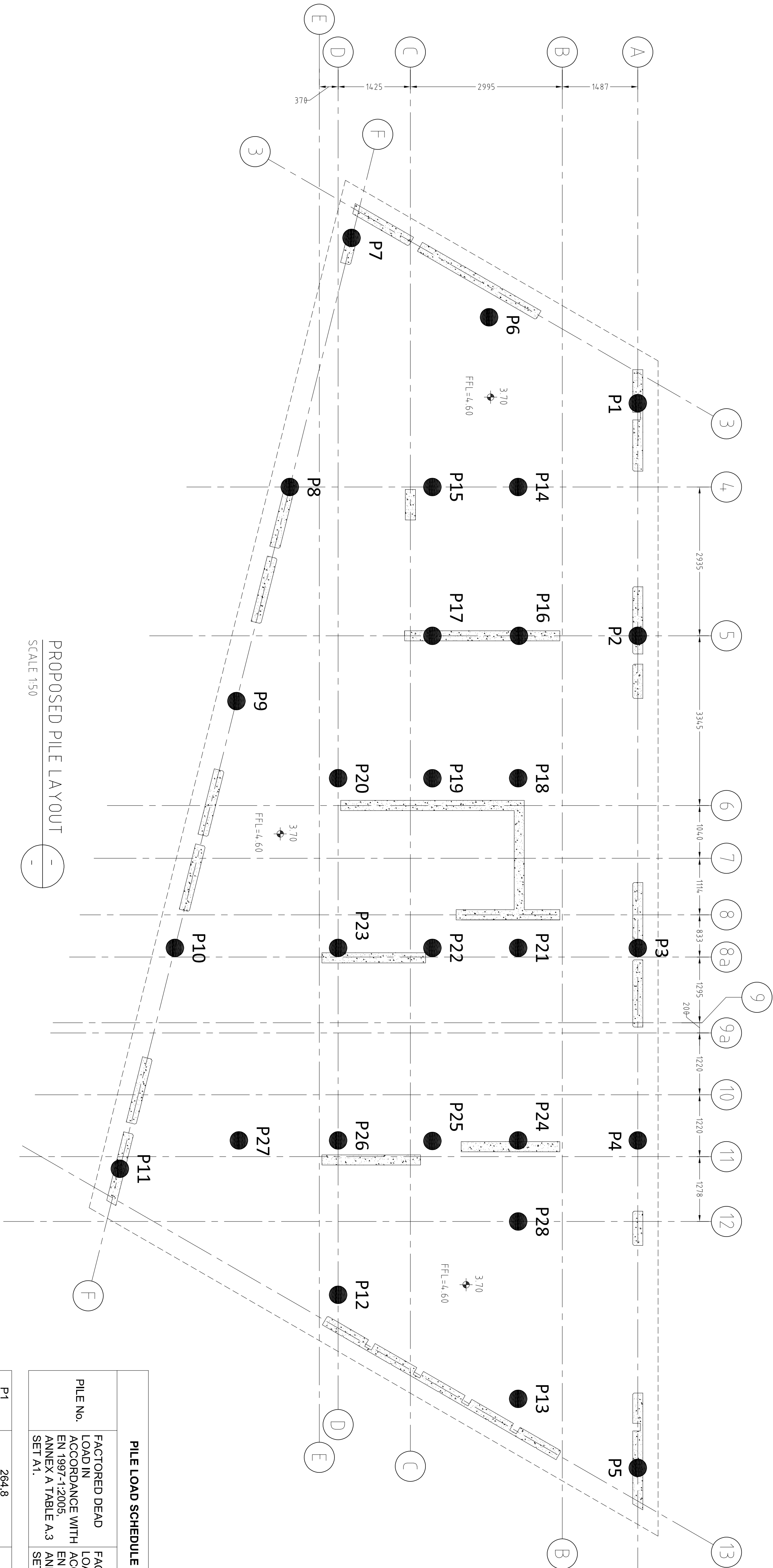


PILING NOTES:

1. PILING CONTRACTORS TO SUPPLY & INSTALL BLOCK TYPES 1A/E/1A & 1A-1-23. NO. PILES.
2. PILING CONTRACTOR TO DESIGN 36mmØ CONTINUOUS ALGER PILES TO ISEN 1892/14-1-2006 UNIFORM CODE 2. DESIGN OF CONCRETE STRUCTURES.
3. GENERAL RULES & RULES FOR BUILDINGS INCLUDING IRISH NATIONAL ANNEX ISEN 1838-2010 EXECUTION OF SPECIAL GEOTECHNICAL WORK - BORED PILES.
4. PILING CONTRACTOR TO DESIGN FOR UNIT DESIGN LIFE OF 120 YEARS.
5. DUALITY DESIGN TO CATER FOR ON-SITE GROUND CONDITIONS PROVIDED IN THE SITE INVESTIGATION REPORT FROM COB GEOTECHNICAL.

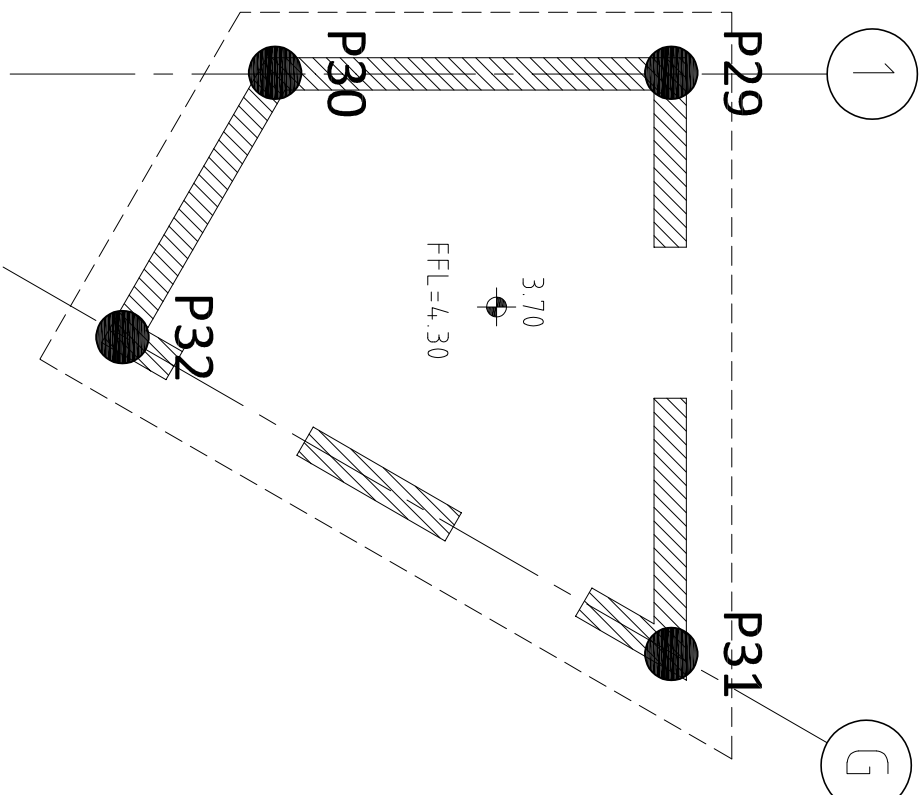
PILE LOAD SCHEDULE	
PILE NO.	FACTORED DEAD LOAD IN ACCORDANCE WITH EN 1997-1:2005, ANNEX A TABLE A.3 SET A1. FACTORED LIVE LOAD IN ACCORDANCE WITH EN 1997-1:2005, ANNEX A TABLE A.3 SET A1.

P1	264.8	20.4
P2	280.9	22.2
P3	323.5	24.4
P4	188.3	17.0
P5	268.3	21.3
P6	338.4	29.5
P7	264.2	20.9
P8	348.3	30.0
P9	225.1	19.2
P10	296.8	25.4
P11	282.8	22.3
P12	398.4	32.4
P13	389.5	31.9
P14	204.9	19.8
P15	378.6	33.9
P16	332.3	26.3
P17	382.6	31.6
P18	376.8	29.8
P19	263.4	21.5
P20	285.9	24.9
P21	390.5	28.8
P22	364.9	26.7
P23	405.8	34.4
P24	412.6	29.9
P25	329.8	23.3
P26	311.7	26.3
P27	258.9	27.2
P28	261.5	25.3
P29	210	23
P30	170	20
P31	210	23
P32	170	20



PROPOSED PILE LAYOUT

SCALE 1:50



PROPOSED PILE LAYOUT (Pump Hse.)

SCALE 1:50

Rev	Date	Drawn Description	Chg'd
11	May 28	GR Piling Notes Added	BA
1	Feb. 26	GR Issued for "mudar"	BA

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 **CONSTRUCTION**
Ireland

Client:	Cork County Council
Project:	Claycastle Watersports Facility, Youghal, Co. Cork

Drawing Title :		Proposed Piling Layout			
Designed: BA		Drawn: GR		Date: Feb. '26	
Eng. Chk: BA		Dwg. Chk: BA		Scale: AS SHOWN	
Project No:		572			
Drawing No:		100		Status:	Rev:
				Tender	T1