

1 WALL FINISHES PLAN

Scale 1 : 50 @A1

2 FLOOR FINISHES PLAN

Scale 1 : 50 @A1

WALL FINISHES LEGEND

WALL FINISH WF-01

SELECTED 100X100X10mm **PORCELAIN TILE**, TILE FINISH ON 12.5mm TILE BACKER BOARD WITH SELECTED APPROVED ALUMINIUM BOX TILE TRIM TO THE PERIMETER OF ALL TILED SURFACES. 2-4mm JOINT SIZE TO BE DETERMINED ON SITE TO ELIMINATE / MINIMIZE CUT TILES IN HORIZONTAL DIMENSION. SETTING OUT TO PROVIDE FOR **NO CUT TILES** IN VERTICAL DIMENSION. SELECTED APPROVED HIGH QUALITY COLORED EPOXY GROUT FOR WALL TILES TO EN 13888. DETAILED SUBMITTAL FOR ALL COMPONENT PARTS AND 1mX1m SAMPLE PANEL REQUIRED.

WHERE MIRRORS ARE PROVIDED ABOVE TILED SURFACES (SEE ROOM DATA SHEETS) SURFACE MOUNTED MIRROR MANUFACTURED FROM 8mm THICK 18/10 STAINLESS STEEL, SURFACE HIGH POLISHED, REVOLVING OVERTURNED, THIEF PROOFED MOUNTING SYSTEM WITH UNDERLYING POLYSTYRENE PLATE AND HIDDEN SCREWS. WHERE MIRRORS ARE PROVIDED BELOW THE TILING DATUM LINE OVER WHB, MIRROR IS TO BE SIZED IN ACCORDANCE WITH TILING MODULE AND RECESSED TO FINISH FLUSH WITH ADJACENT FULL TILES.

WALL FINISH WF-02

3 X No. COATS OF SELECTED APPROVED MASONRY PAINT TO FAIR FACED BLOCKWORK WALLS / OR CAST IN SITU RC WALLS.

WALL FINISH WF-03

CONCRETE FINISH CON-03 ARCHITECTURAL GRADE VISUAL QUALITY CONCRETE (SEE SPECIFICATION) WITH SILANE / SILOXANE HYDROPHOBIC IMPREGNATING SEALER APPLIED TO THE CURED FINISH AS PER MANUFACTURER'S RECOMMENDATIONS. 1m x1m (CONTROL) SAMPLE PANEL REQUIRED.

WALL FINISH WF-04

3mm CORTEN EFFECT ANODISED ALUMINIUM

FLOOR FINISHES LEGEND

FLOOR FINISH FF-01 (approx 120m²)

LOGGIA & SERVICE ROOMS
HIGH-PERFORMANCE, HONED CONCRETE FLOOR FINISH WITH HIGH PERFORMANCE A TWO-PART, CLEAR POLYASPARTIC RESIN ANTI-SLIP COATING TO ENSURE PTV 36+ WET WITH SLIDER 55 RATING. GRIND TO A 60-GRIT OR 100-GRIT LEVEL, CREATING MICRO-SCRATCHES ON THE SURFACE TO ENSURE HIGH TRACTION PRIOR TO APPLICATION OF SEALER. SEE FITOUT SCHEDULE FOR MORE DETAILS. SAMPLE PANEL REQUIRED.

FLOOR FINISH FF-02 (approx 42m²)

FLOOR TILE:
PTV 36+ WET WITH SLIDER 55 RATED 300X300x10mm SELECTED APPROVED RECTIFIED PORCELAIN TILE (ALLOW FOR MATCHING 400X400mm TILES TO ROOMS R.08, R.09 & R.10).
ON SELECTED APPROVED WATERPROOF TILE ADHESIVE. TILES TO BE SET OUT FROM THE CENTRE OF THE ROOM, WHERE CUT TILES ARE UNAVOIDABLE. CUT TILES ARE TO BE SYMMETRIC AND/OR VISUALLY BALANCED. SETTING OUT TO BE AGREED WITH ER. 2-4MM JOINT SIZE TO BE AGREED AT SETTING OUT. SELECTED APPROVED HIGH QUALITY COLORED EPOXY GROUT FOR FLOOR TILES TO EN 13888. ALLOW FOR GROUT TO BE COLOUR MATCHED TO TILE AS MAY BE REQUIRED. SUBMITTAL FOR ALL COMPONENT PARTS REQUIRED. SAMPLE PANEL REQUIRED.

FLOOR FINISH FF-03 (approx 22m²)

CONCRETE SETTS:
150X150X40mm SELECTED APPROVED COLOURED / TEXTURED 40mm THICK CONCRETE PERMEABLE SETTS WITH WIDENED JOINTS - NO FINES (TYPE A) ON SUB BASE TO ENGINEER'S SPECIFICATION. PERIMETER BLOCKS TO BE HAUNCHED IN CONCRETE

FLOOR FINISH FF-04 (approx 20m²)

TEXTURED CONCRETE STEPS
FIAMMA ALBA WITH MILAZZO VISIBILTY CONTRAST STRIP OR SIMILAR APPROVED 600x400x50mm THICK SQUARE EDGED PRECAST CONCRETE FLAGSTONE (TREAD AND RISER) ON STEINTEC MORTAR OR SIMILAR APPROVED ON CONCRETE SUBSTRATE TO ENGINEER'S SPECIFICATION. STEPS TO THE SOUTHERN & EASTERN PERIMETERS OF THE BUILDING

FLOOR FINISH FF-05 (approx 400m²)

EXPOSED AGGREGATE APRON

EXPOSED AGGREGATE CONCRETE FOOTPATHS WITH 10 - 40mm. ROUNDED, FLAT, RIVER PEBBLE AGGREGATE. SELECTED APPROVED AGGREGATE TO BE EVENLY SEEDED INTO POURED CONCRETE, TAMPED, TROWELED AND EXPOSED BY POWER-WASHING HAVING APPLIED SUITABLE SURFACE RETARDER. SEE SPECIFICATION FOR FURTHER INFORMATION. SAMPLE PANEL REQUIRED. DETAILED CEWMPs AND RAMS REQUIRED.

NOTE:
Dimensions not to be scaled from drawing.
For any discrepancies found consult with design office.
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This drawing to be read in conjunction with all the Specification Documents.

CONCRETE FINISHES:

CON-03

ARCHITECTURAL GRADE VISUAL QUALITY CONCRETE

- SCOPE & FINISH STANDARD**
 - SURFACE CLASS: CON-03 (ARCHITECTURAL). THE SURFACE MUST BE DENSE, UNIFORM IN COLOUR, AND FREE FROM GROUT LOSS, HONEYCOMBING, OR PHYSICAL DAMAGE.
 - PHYSICAL CHARACTERISTICS:**
 - BLOWHOLES: MAXIMUM DIAMETER 3mm; FREQUENCY NOT TO EXCEED 0.1% OF THE SURFACE AREA.
 - STEP/ABRUPT CHANGES: MAXIMUM 3mm AT FORMWORK JOINTS.
 - FLATNESS: MAXIMUM 3mm DEVIATION OVER A 3m STRAIGHT EDGE.
- MIX DESIGN (COASTAL EXPOSURE AS/15X3)**
 - FURNACE SLAG: THIS PROVIDES A LIGHTER "OFF-WHITE" AESTHETIC AND SUPERIOR RESISTANCE TO SEA-SALT CORROSION COMPARED TO PURE OPC.
 - W/C RATIO: STRICTLY CAPPED AT 0.40 TO ENSURE A LOW-POROSITY, "CLOSED" SURFACE.
 - AGGREGATES: NON-REACTIVE, WELL-GRADED CRUSHED LIMESTONE OR GRANITE. MARINE-DREDGED AGGREGATES ARE **PROHIBITED** TO AVOID CHLORIDE CONTAMINATION.
 - ADDMIXTURES: HIGH-RANGE WATER REDUCERS (POLYCARBOXYLATES) TO ENSURE HIGH WORKABILITY WITHOUT INCREASING WATER CONTENT.
- FORMWORK & LINERS**
 - PANEL MATERIAL: NEW, NON-ABSORPTIVE, FILM-FACED BIRCH PLYWOOD OR STEEL SHUTTERS. REUSED PANELS MUST BE INSPECTED FOR "GHOSTING" OR SCABBING.
 - JOINTING: ALL JOINTS MUST BE SEALED WITH COMPRESSED FOAM GASKETS OR STRUCTURAL TAPE TO PREVENT GROUT LEAKAGE, WHICH CAUSES "SANDY" EDGES.
 - TIE-HOLES: SYMMETRICAL GRID LAYOUT, USE STAINLESS STEEL TIE CONES OR ARCHITECTURAL PLASTIC PLUGS, RECESSED 20mm AND PATCHED WITH A MATCHING MORTAR.
 - RELEASE AGENT: CLEAR, NON-STAINING **CHEMICAL RELEASE AGENT** APPLIED IN A THIN, UNIFORM FILM. AVOID OIL-BASED AGENTS THAT CAUSE YELLOWING OR SURFACE MOTTLING.
- EXECUTION & PROTECTION**
 - COMPACTION: HIGH-FREQUENCY INTERNAL VIBRATION, "DE-VIBRATION" OF THE TOP 50mm IS REQUIRED TO ELIMINATE AIR POCKETS (BUGHOLES) THAT MIGRATE TO THE SURFACE.
 - CURING: USE CLEAR, NON-DEGRADABLE CURING MEMBRANES OR POLYTHENE SHEETING FOR AT LEAST 7 DAYS. RAPID DRYING IN COASTAL WINDS WILL CAUSE "CRACKING" (FINE SURFACE CRACKS).
 - POST-STRIPPING TREATMENT: APPLY A **SILANE/SILOXANE HYDROPHOBIC IMPREGNATION** (INVISIBLE) TO THE CURED SURFACE. THIS CREATES A "BEADING" EFFECT AGAINST SEA SPRAY WITHOUT CHANGING THE CONCRETE'S MATTE APPEARANCE.
- BENCHMARKING**
 - MOCK-UP: A REFERENCE PANEL (MINIMUM 1m X 1m) MUST BE CAST ON-SITE USING THE APPROVED MIX AND FORMWORK, ONCE APPROVED, THIS SERVES AS THE "CONTROL SAMPLE" FOR ALL SUBSEQUENT POURS.

NOTE:

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NOTE:

VISUAL CONTRAST
LRV Values must be provided for all Finishes.
Visual Contrast must be provided between Floors to Walls & Walls to Doors & Walls to Grab Rails in accordance with TGDs Part M

SLIP RESISTANCE
Pendulum test values must be provided for all Floor Finishes. Public areas should rate PTV 36+ Wet and Dry with slider 55 for wet barefoot.

NOTE:

The External Pumphouse building to have a **RENDERED** finish on both the internal and external sides of the walls as they will be exposed to the elements.

T.	TENDER ISSUE	13.07.2026
Rev	Description	Date
	Revision	

Project Stage: **TENDER**

Comhairle Contae Chorcaí

Roinn na nAilíirí
Seachadadh Gaillí
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Protect Title: **Claycastle Watersports Facility**
Youghal Co. Cork

Drawing Title:

FITOUT PLAN_WALL & FLOOR FINISHES

Design Team:

Cork County Council
Architects Department
Capital Delivery

Date: Jan 2023

Scale: 1:50

Sheet: A1

Stage ID: T

Dwg No:

1020

File. No: **CCWF-CCC- ZZ- 00-DR-A- 1020**

Job No: **ATS1_S_2021_025**