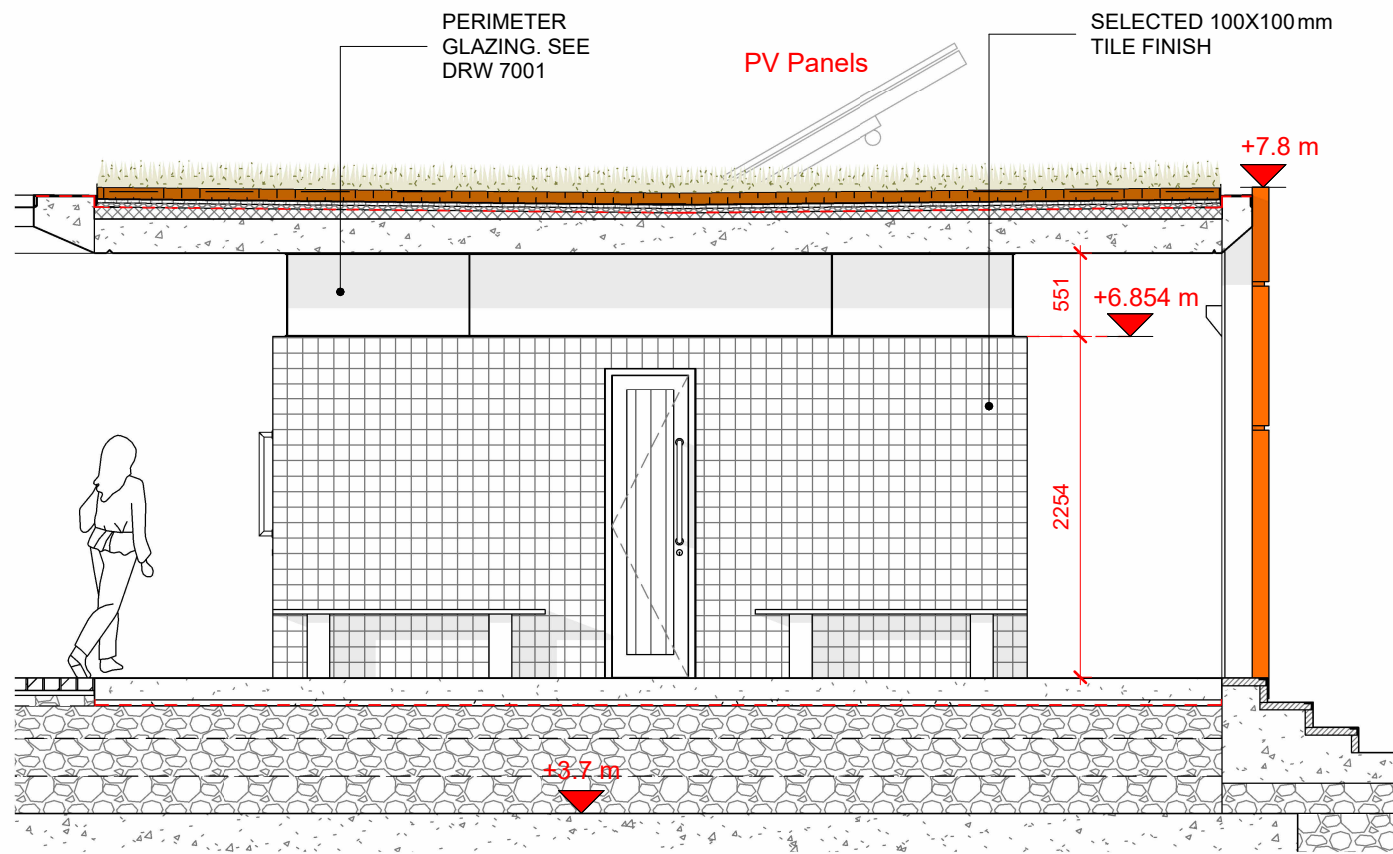
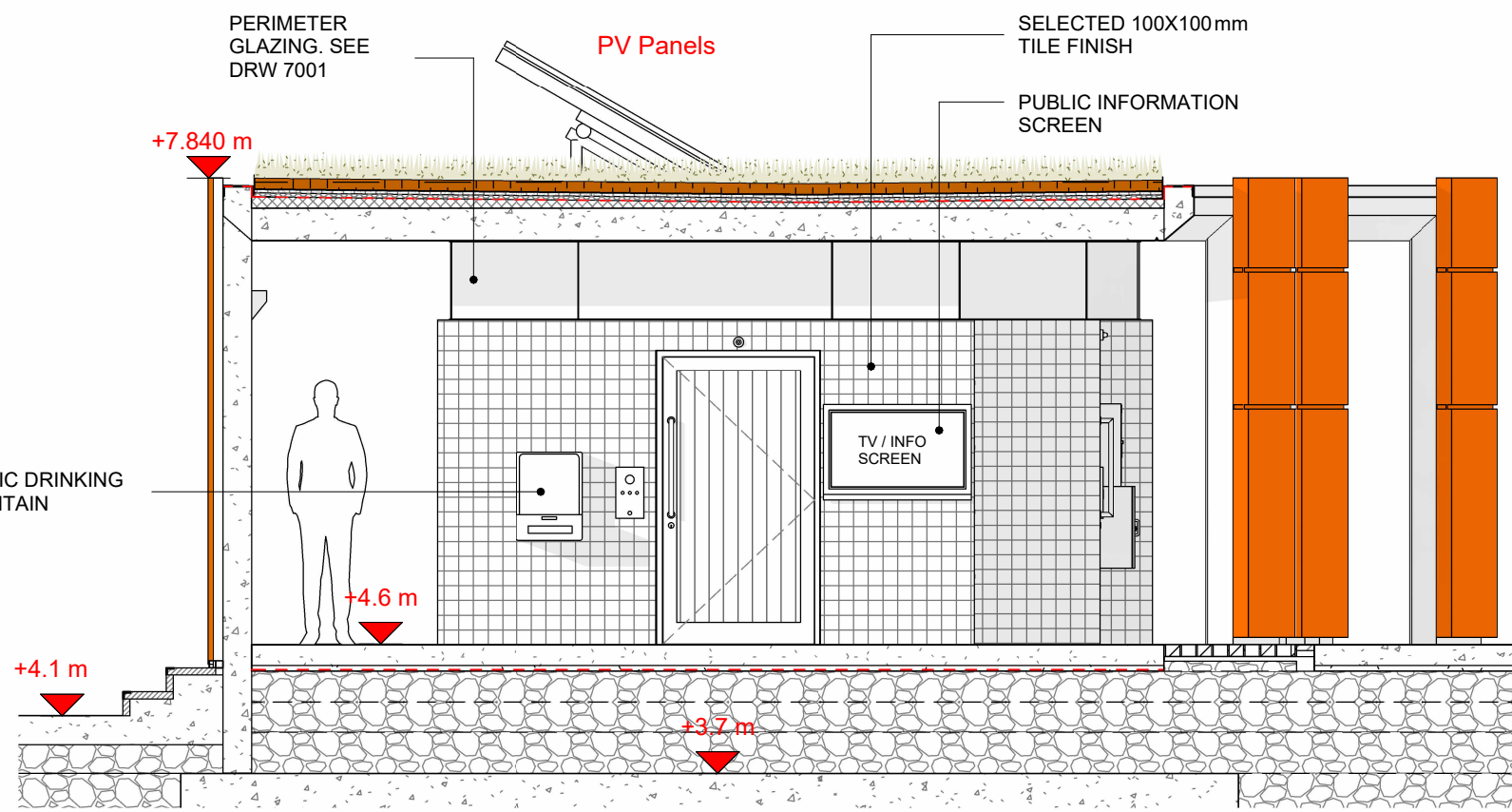




3 WC Block_Section BB
Scale 1 : 50 @A1

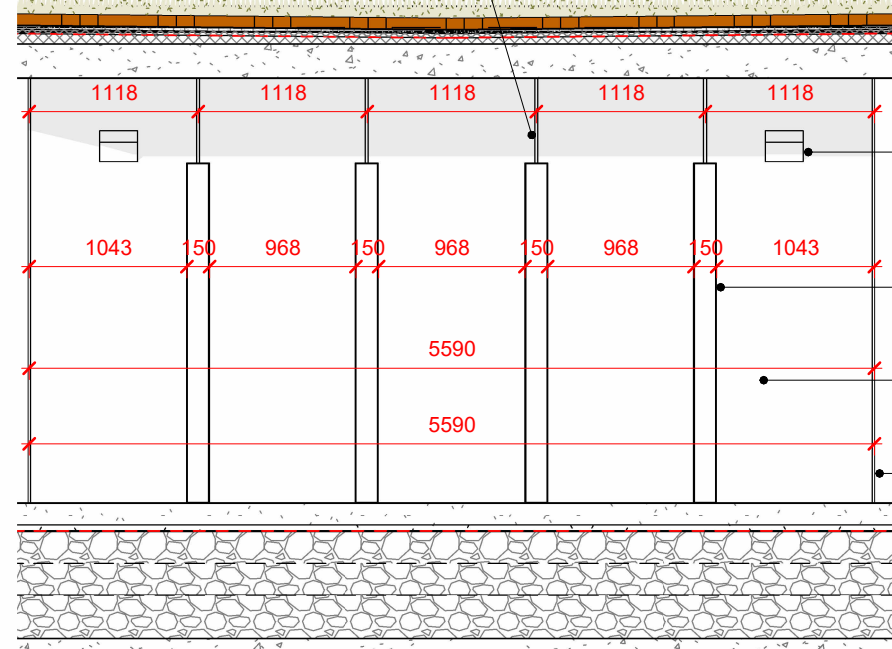


4 WC Block_Section DD
Scale 1 : 50 @A1

20mm TRIANGULAR REBATE FORMED BY PROPRIETARY PVC FILLET SECURELY FIXED TO CONCRETE FORMWORK. ALL FILLETS TO BE PRECISELY MITRE CUT WHERE REBATES INTERSECT. ALL TEMPORARY WORKS TO CONTRACTORS DESIGN.

SHOWER REAR PANEL: SELECTED, APPROVED BRUSHED MARINE GRADE 2 mm SS, VANDAL PROOF, SECRET FIXED, PRESSED METAL PANEL (2260X150 mm) ON SS BRACKETS TO CONTRACTORS DETAIL. REAR PANEL TO BE REMOVABLE TO ALLOW FOR MAINTENANCE AS REQUIRED. ALL FIXINGS AND FITTINGS TO BE HIGH GRADE SS SUITABLE FOR MARINE ENVIRONMENT. PANELS TO BE CO-PLANAR WITH FINISHED CONCRETE SURFACE ADJACENT.

EXTERNAL SHOWER WALL
200mm RC GABLE WALL TO STRUCTURAL ENGINEER'S DESIGN & DETAILS



WALL MOUNTED DOWN-LIGHTER FIXED TO RC WALL

2260X150mm OPENINGS CAST INTO RC WALL TO ALLOW FOR EXTERNAL SHOWER PIPEWORK AND TO ALLOW ACCESS FOR SAME.

CON-03 CONCRETE FINISH

20X20mm CHAMFER ON ALL RC COLUMNS & GABLE WALLS.

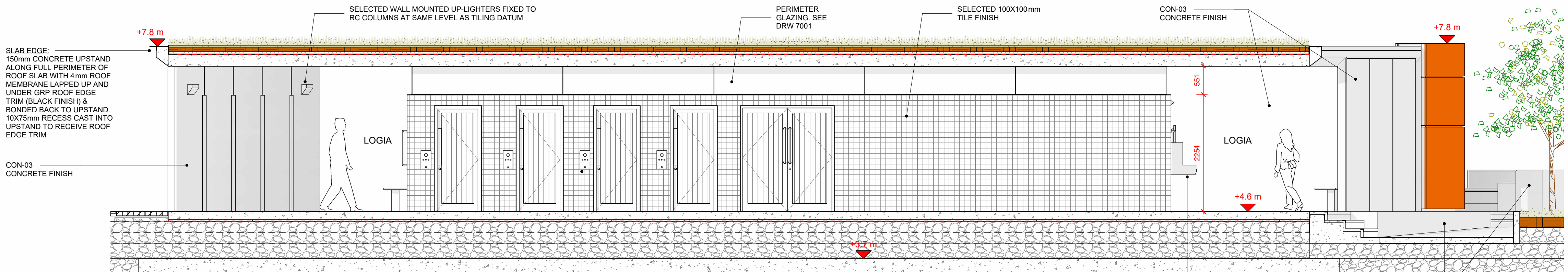
5 EASTERN GABLE-INTERNAL FACE
Scale 1 : 50 @A1

CONCRETE FINISHES:

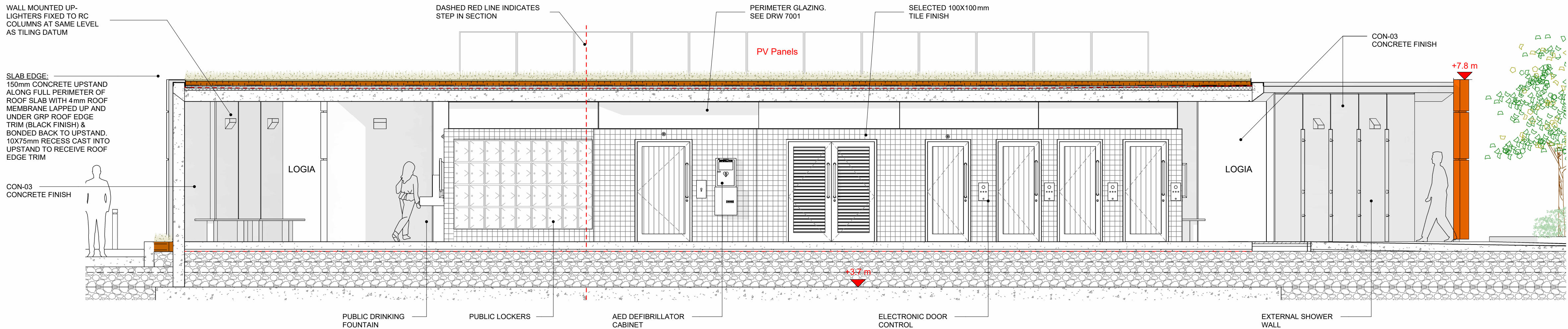
CON-03

ARCHITECTURAL GRADE VISUAL QUALITY CONCRETE

- SCOPE & FINISH STANDARD**
 - SURFACE GLASS:** 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/IRREGULAR CHANGES: MAXIMUM 3mm AT FORMWORK JOINTS.
 - FLATNESS: MAXIMUM 3mm DEVIATION OVER A 3m STRAIGHT EDGE.
- MIX DESIGN (COASTAL EXPOSURE XS1/XS3)**
 - TO PREVENT CHLORIDE INGRESS WHILE MAINTAINING A HIGH-END VISUAL TONE:
 - BINDER:** USE A BLEND OF CEM I + 50% GGBS (GROUND GRANULATED BLAST-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.
 - ADMIXTURES:** 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 SCARRING.
 - 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. "RE-VIBRATION" OF THE TOP 500mm 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 "CRAZING" (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.

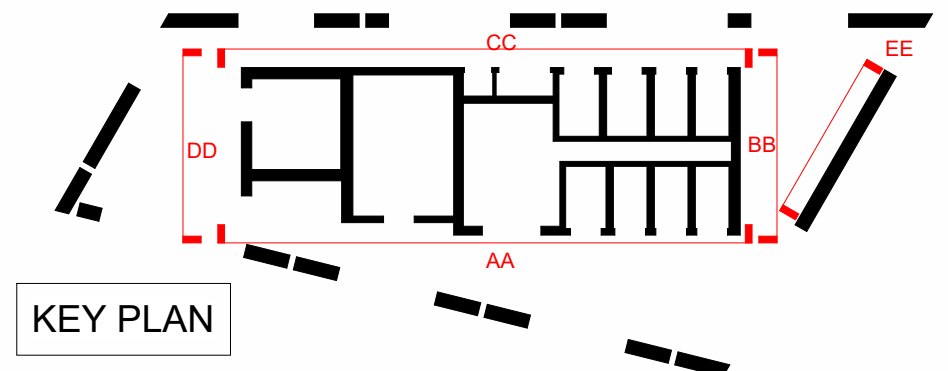


1 WC Block_Section CC
Scale 1 : 50 @A1



2 WC Block_Section AA
Scale 1 : 50 @A1

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.



NOTE:

SOLAR PANELS
SOLAR PANEL LAYOUT SITE SPECIFIC BASED ON ORIENTATION, SURROUNDING LANDSCAPE AND ROOF ANGLE. SOLAR PANELS MAY NOT BE EFFECTIVE ON NORTH FACING ROOFS AND MAY NEED TO BE ELEVATED. SHOWN INDICATIVE ONLY.

FALL RESTRAINT SYSTEM
8mm STAINLESS STEEL CONTINUOUS CABLE ANCHORAGE FALL RESTRAINT SYSTEM BY SKYWAY OR EQUAL EQUIVALENT. ANCHORAGE POINTS TO BE LOCATED ALONG THE LENGTH OF THE ROOF AS DIRECTED BY SPECIALIST.
THE FALL RESTRAINT SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH LATEST STANDARDS. ALL ANCHORAGE POINTS ARE TO BE SECURE BACK TO THE ROOF AND THE NECESSARY HEIGHTS OF ANCHOR SHOULD BE TAKEN INTO CONSIDERATION.
FULL INSTALLATION IS TO BE TESTED AND FULL CERTIFICATION FOR ALL IS TO BE PROVIDED UPON COMPLETION.
DESIGNED TO THE 'SAFETY, HEALTH AND WELFARE AT WORK ACT (2005)', 'BUILDING REGULATIONS, BS 7883:2005 'CODE OF PRACTICE FOR THE DESIGN, SELECTION, INSTALLATION, USE AND MAINTENANCE OF ANCHOR DEVICES CONFORMING TO BS EN 795

ROOF SYSTEM WITH GREEN ROOF FINISH
80-100mm ROOF GARDEN SOIL MIX (NATIVE SPECIES / WILDFLOWER BLANKET)
25mm DRAINAGE & RESERVOIR LAYER
25mm PROTECTIVE/ RESERVOIR FLEECE
4mm WATERPROOFING CAP SHEET
3mm TOP SHEET, WATERPROOFING BASE LAYER,
BITUMINOUS PRIMER ON CONCRETE SLAB (REFER TO ENGINEER'S DRAWINGS AND SPECIFICATION).

SEDUM ROOF
PLEASE NOTE THE SEDUM ROOF PLANTING SHOULD TAKE PLACE AT AN APPROPRIATE TIME OF YEAR. CONTRACTOR MAY NEED TO ALLOW FOR INSTALLATION POST COMPLETION. IT WILL REQUIRE AN INITIAL PERIOD OF MAINTENANCE AND WATERING UNTIL PLANTS TAKE HOLD, WHICH COULD TAKE A NUMBER OF MONTHS. ONCE THE SEDUM HAS BEDDED IN, THE ROOF WILL REQUIRE REDUCED MAINTENANCE. TO BE AGREED WITH SPECIALIST SEDUM ROOF CONTRACTOR.
PLANTING:
THE CHOICE OF ROBUST PLANTS TO BE MADE IN AGREEMENT WITH SPECIALIST SEDUM ROOF CONTRACTOR AND ER/ARCHITECT. ALL PLANTS TO BE SUITABLE FOR SALTWATER/SEASIDE LOCATION AND HIGH WIND/STORM CONDITIONS FOUND ON SITE.

NOTE:

SELECTED 100X100X10mm **PORCELAIN TILE**, TILE FINISH ON 12.5mm TILE BACKER BOARD WITH SELECTED APPROVED ALUMINUM 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 WITH SELECTED GROUT AND TRIM.

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Rev	Description	Date
	Revision	

Project Stage: **TENDER**

Comhairle Contae Chorcaí

Roinn na nAilrí

Seachdadh Gaillimh

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Protect Title: **Claycastle Watersports Facility**
Youghal Co. Cork

Drawing Title:
SECTIONAL ELEVATIONS_WC BLOCK

Design Team:	Date: Jan 2023	Dwg No:
Cork County Council	Scale: 1:50	
Architects Department	Sheet: A1	
Capital Delivery	Stage ID: T	

File No: **CCWF-CCC- ZZ- ZZ-DR-A- 2010**

Job No: **ATS1_S_2021_025**

2010