



2 PUMPHOUSE ROOF PLAN

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.

FULL RESTRAINT SYSTEM
8MM STAINLESS STEEL CONTINUOUS CABLE ANCHORAGE FULL RESTRAINT SYSTEM
FULL RESTRAINT OR EQUIVALENT ANCHORAGE POINTS TO BE LOCATED ALONG
THE LENGTH OF THE ROOF AS DIRECTED BY SPECIALIST
THE FULL 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 OBTAINED.
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 AGREED 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 ECARCHITECT. ALL PLANTS TO BE SUITABLE FOR SALTWATER/SEASIDE LOCATION AND HIGH WIND/STORM CONDITIONS FOUND ON SITE.

NOTE ON ROOF ACCESS HATCH

THE POSITION & SETOUT OF THE ROOF ACCESS HATCH IS THE SOL RESPONSIBILITY OF THE CONTRACTOR. LOCATION AND SETOUT TO BE FULLY COORDINATED WITH STRUCTURAL ENGINEER. THE HATCH IS TO BE 60 MINUTE FIRE RATED.

NOTE ON ROOF PENETRATIONS IN FIRE RATED COMPARTMENTS (PLANT ROOM, ELECTRICAL ROOM):

ALL PENETRATIONS THROUGH THE ROOF LESS THAN 1.5m FROM A COMPARTMENT WALL MUST HAVE FIRE STOPPING.
ROOF ACCESS HATCH IS TO BE 60 MINUTE FIRE RATED.



Scale 1 : 50 @A1

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Protect Title: **Claycastle Watersports Facility**
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PROPOSED ROOF PLAN

Design Team:

Cork County Council
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