

NOTES

All steel minimum lap of reinforcement to be 44 times bar diameter of bar
A393 mesh lapped @ 400mm, corners to be lapped through. all laps to be tied with min of 4 tie fixings

Note:
all service pipe dimensions are taken from face of block on edge.
block layer to ensure that holes are left in the dead work and allow for a sufficient fall in pipe work. 1 in 60 min
Main water pipe work to achieve a min cover of 600mm back fill material shall be of crushed stone - annex e approved material.
Ensure that sufficient clearance is allowed for pipe upstands adjacent to walls

All rising block work shall be 7n/mm2, laid in a mortar bond in the greater than a double coarse to the dead work.

Note:
Contractor to check all dimensions on site prior to commencement of works.
Do not scale from drawing, if in doubt ask

All foundations to be inspected prior to pouring. formation level of foundation to achieve a min 150kn/sqm bearing capacity.
minimum of 2 plate bearing tests to be carried out on stone formation level prior to pouring of raft
all soft spots to be dug out and filled with concrete.

All concrete to 35n20:120mm slump concrete to be vibrated in position.
cube test results to be provided for a representative sample 4

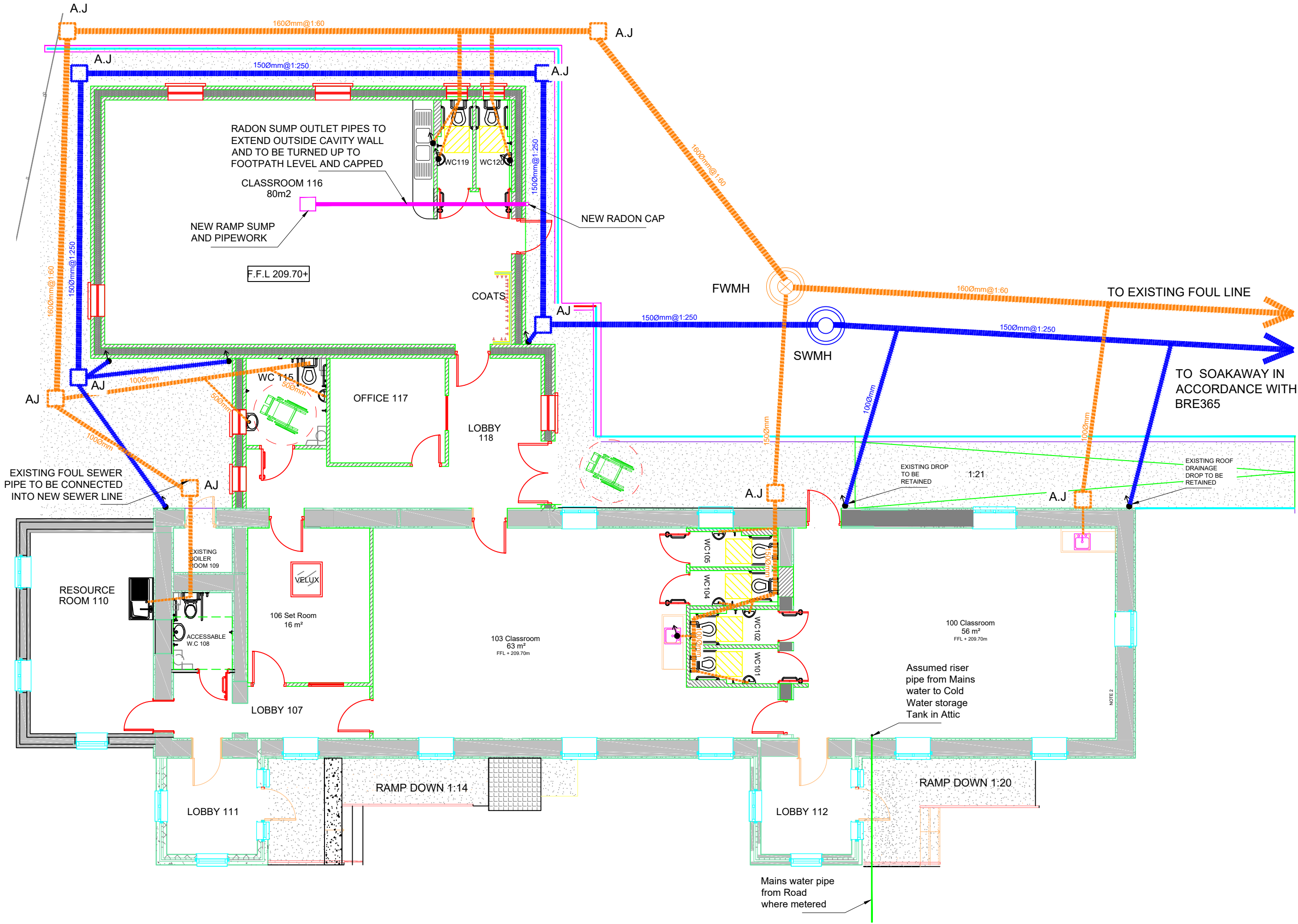
Radon Protection Requirements
Monarflex barrier or similarly approved laid in accordance with manufacturers instructions throughout ground floor slab, monobond sealant together with tophat collars fixed with stainless steel clips to be used ensuring gas tight seal is maintained around penetrations.
Provide subfloor radon sump, ventilated externally using 100mm diameter PVC pipe in accordance with 'Monarflex' manufacturers instructions.

Radon sump to be installed in strict compliance with manufacturer's detail and specification

Refer to specification for concrete design and the location of the reinforcing steel bars. all walls to be centered on underlying foundation.

Allow gaps in rising wall for radon to pass through. these are to be 1/4 of a block in length in every four blocks in length

Foundation design subject to structural engineer's design and ground conditions.



LEGEND

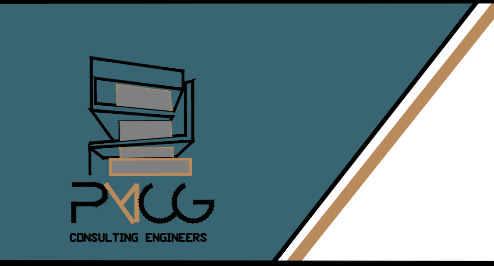
- NEW FOUL WATER MANHOLE
- NEW SURFACE WATER MANHOLE
- NEW FOUL WATER AJ
- NEW SURFACE WATER AJ
- NEW SURFACE WATER
- NEW FOUL WATER
- EXISTING MAINS WATER

N.B
ALL EXISTING DRAINAGE TO BE CHECKED
FOR LOCATION BEFORE COMMENCEMENT
OF WORKS

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Rev. Description By Date

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Client
Board of Management of Ballinagree National School

Project
Extension of School

Drawing
Layout Plan showing
Proposed drainage

Scale Job No. Drawn By Checked By
SHOWN @ A2 24134 SP PC

Drawing No. Issue
24134-94-XX-DR-PMCG-E-1000 P8-S-01