

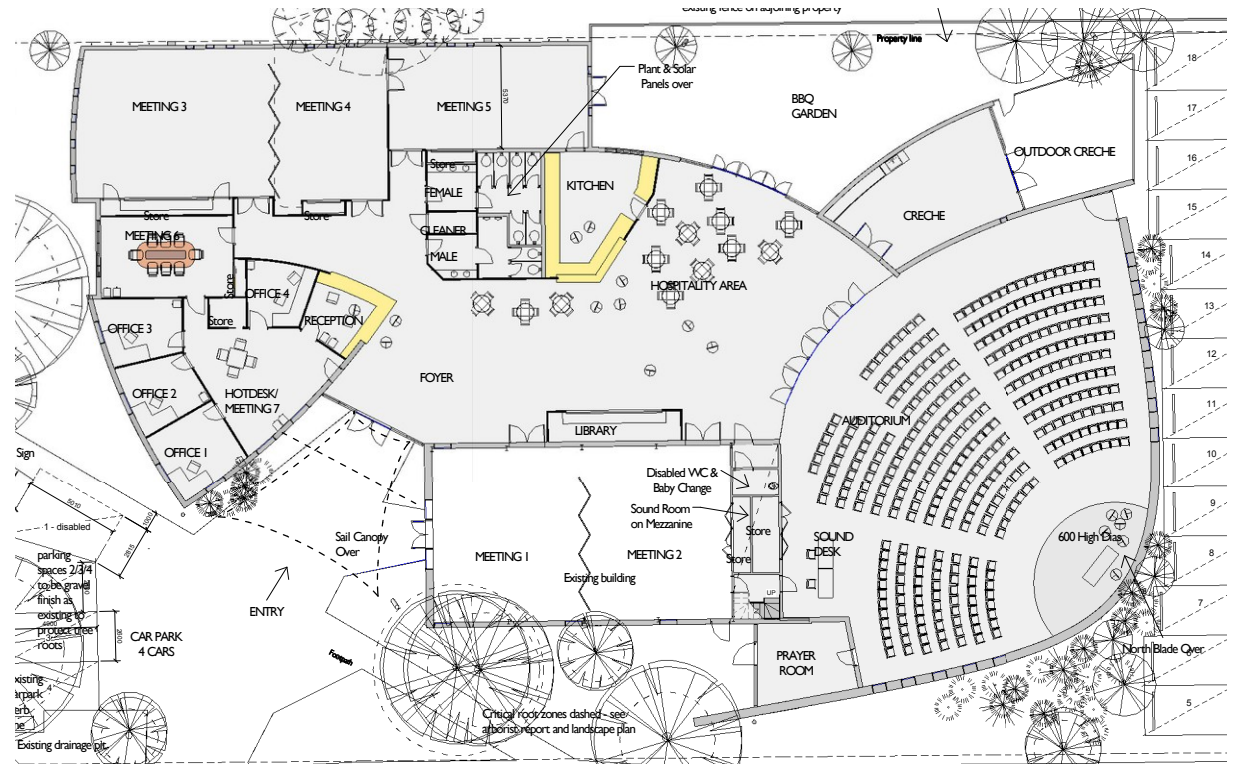
NEW CHURCH AND EDUCATIONAL CENTRE CONCEPT TO COMPLETION St Alfred's Church, Blackburn North

St Alfred's church community had outgrown its original buildings and has constructed this complex on the church's original site:

- 360 seat worship auditorium
- 6 meeting rooms and creche
- cafe foyer with kitchen and bbq garden
- 4 offices, hot desk area and reception

Sustainable design features include:

- Natural cooling incorporating labyrinth chamber ducting air from shaded garden and including pre-conditioning the air by water from a cool sink
- Thermal chimney above platform drives the passive ventilation system
- Evacuated tube solar panels provide background heating for the hydronic heating system
- Fabric energy storage is provided through rammed earth walling, concrete floors and high thermal mass concrete blockwork internal walls



project datasheet

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