

# CS STUDIO ARCHITECTS

## PAUL VAN DER BYL LABORATORY PROJECT:

LOCATION: STELLENBOSCH UNIVERSITY, WESTERN CAPE

DATE: 2006-2008

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### BACKGROUND

In 2006 the University of Stellenbosch appointed Equity Studio (CS Studio Architects) to upgrade the Paul van der Byl Building, which housed the Viticulture and Oenology Departments' on-site teaching venue. The building sits in a vineyard.

The post graduate students required adequate space to perform field work and laboratory work. There was a requirement for the building to have a larger under-graduate laboratory, admin offices, a site laboratory, teaching venue and small cafeteria facilities.

An outside stair was added giving access to a larger teaching space at first floor level. The building is located among vineyards and works well for fieldwork.

The building was also made universally accessible. Old parquet flooring was restored and re-used in areas where appropriate. Windows and doors were restored where possible. New entrance foyer elements like shopfront were done in black powder coated aluminium.

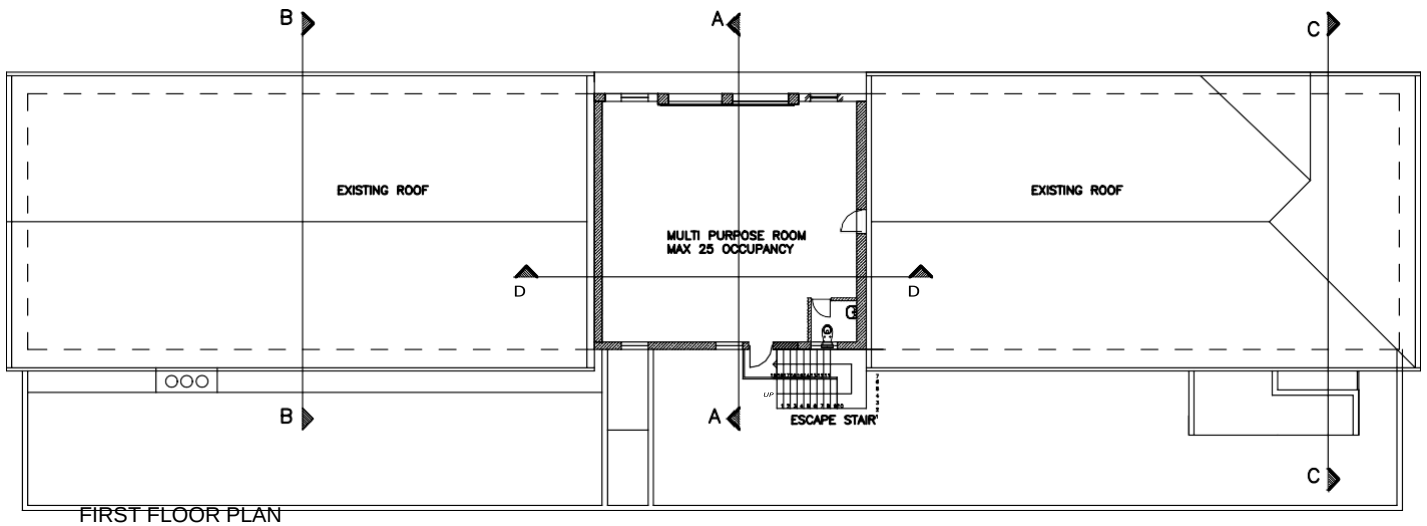
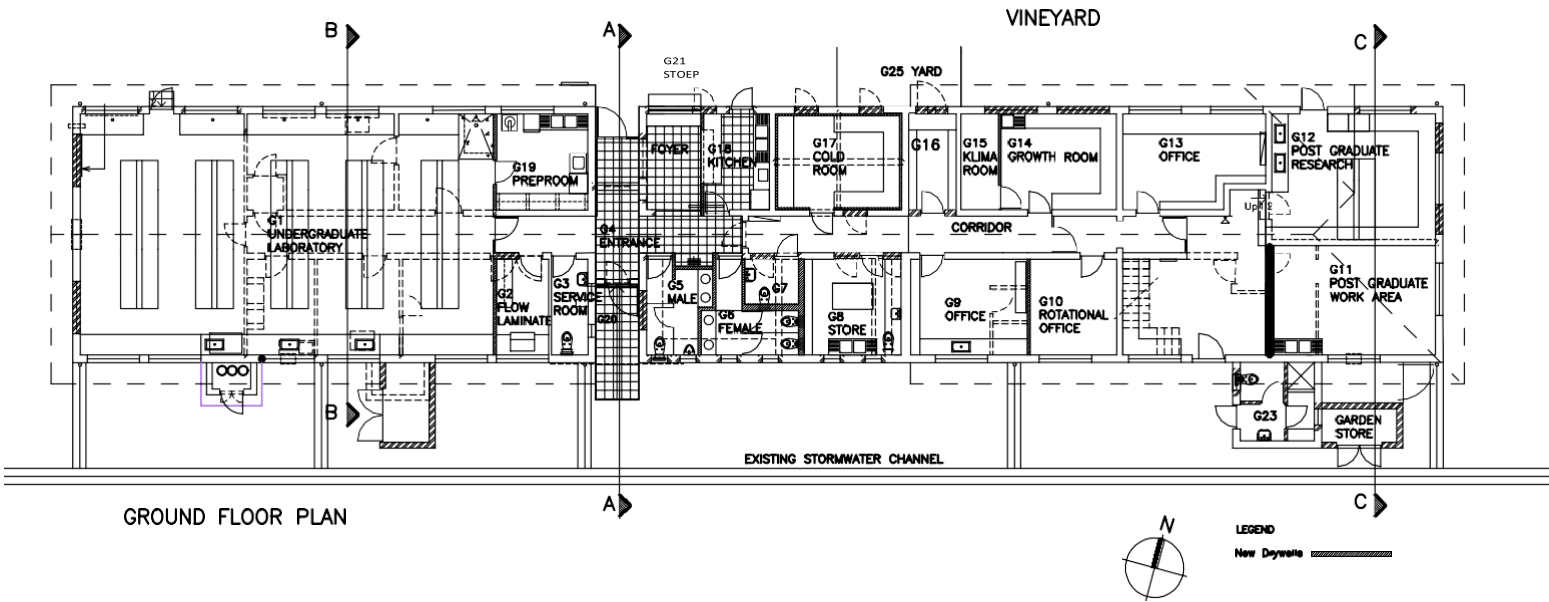
### DESIGN

The building was not originally planned for this, so the team had to creatively work on taking a relatively small building and utilising as much space as possible.

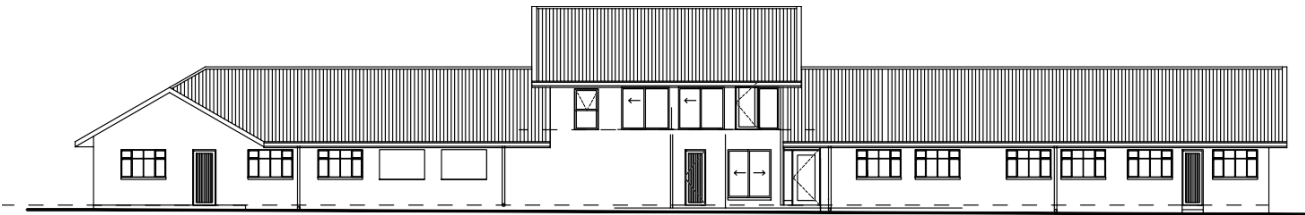
The building is rectilinear and had a narrow passage with rooms on either side. The large laboratory was created by knocking out some of the walls to create one large space, with a prep area and laminate flow room. The centre, directly off the main entrance, became the small cafeteria.

There was a need for a cold room, storage, offices, growth room, post graduate laboratory and field work area. This was all fitted into the balance of the building.

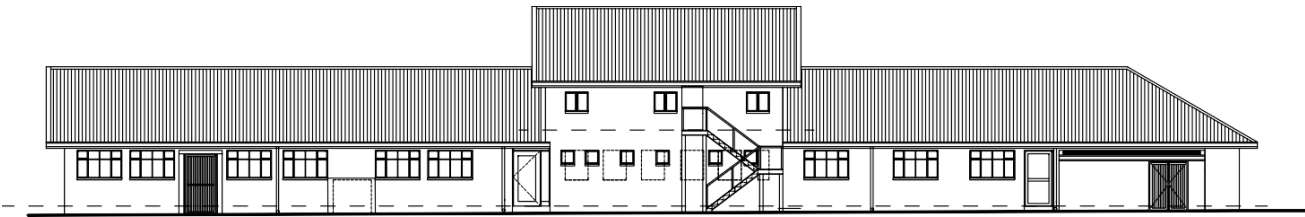
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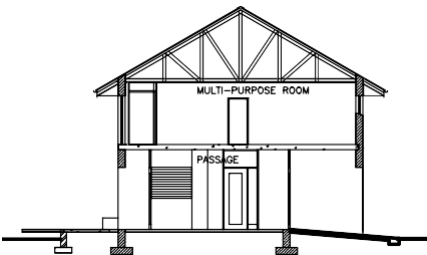
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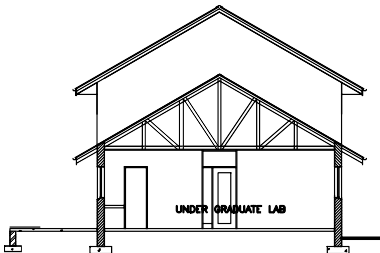
NORTH ELEVATION



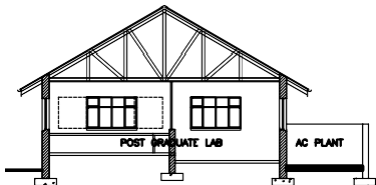
SOUTH ELEVATION



SECTION A-A



SECTION B-B



SECTION C-C



WEST ELEVATION