

inspect existing rafters and ceiling joists for evidence of infestation and decay.
replace decayed/defective rafters and plates using pressure and vacuum treated softwood

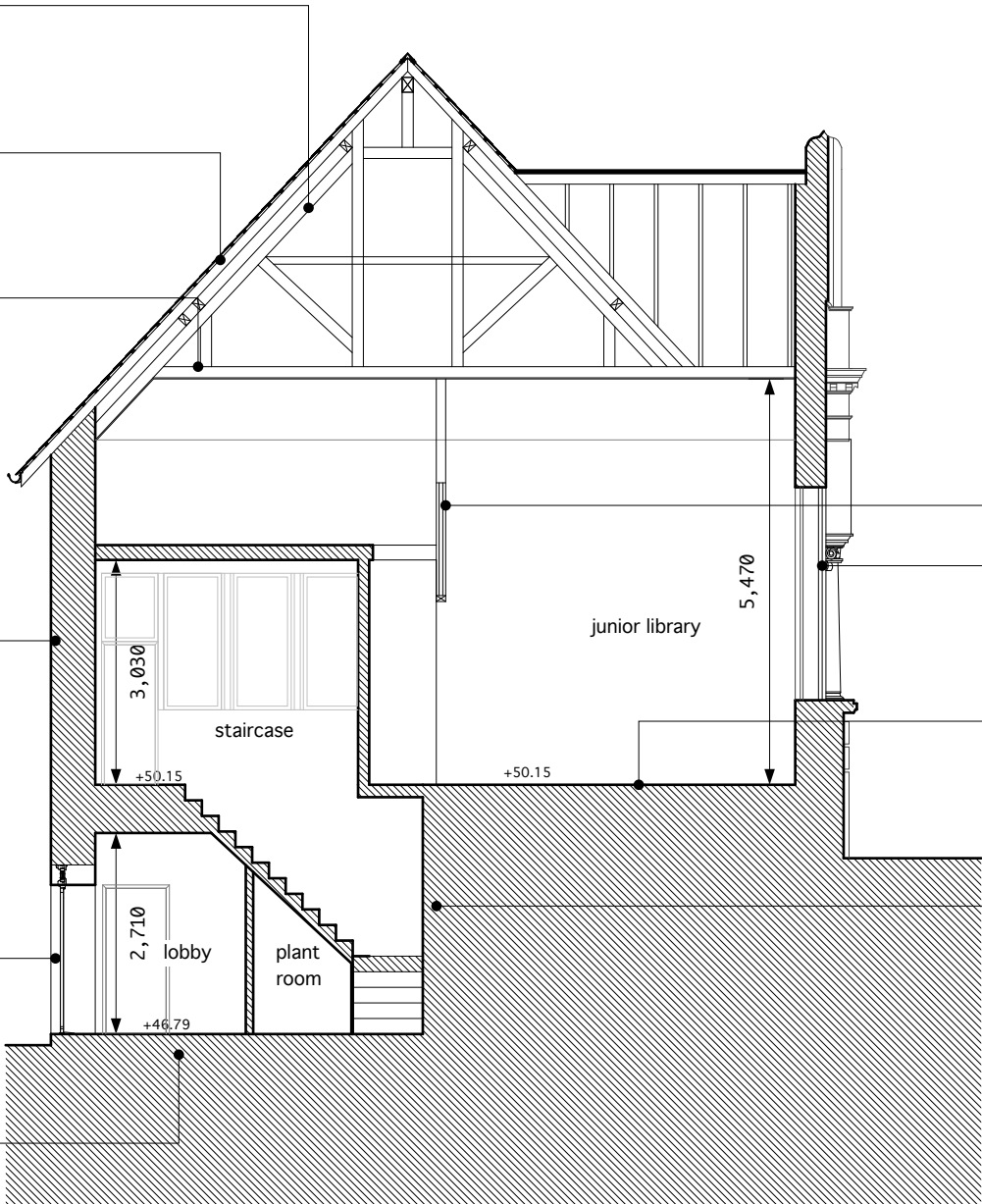
strip off natural slate and salvage/make good as much as possible
and re install. install new natural slate to replace damaged slates
pressure and vacuum treated softwood battens.
install new softwood battens to replace damaged battens.
install new roofing felt to replace the damaged felt

existing lath and plaster ceiling to be inspected, assessed and retained
ceiling to be upgraded with mineral wool insulation
to be installed at ceiling level ie. total of 300mm thick Rockwool
insulation or similar.
minimum u-value to achieve 0.15 W/m2k

existing solid masonry wall (assumed uninsulated):
- existing internal plaster
- external finish with new lime render
u-value 2.20 W/m2k

new external timber door and fanlight to be installed on existing opening

existing floor to be upgraded with 75mm floor screed, seperating
membrane, 110mm thick Kingspan K103
insulation board or similar and DPM.
minimum u-value to achieve 0.14 W/m2k

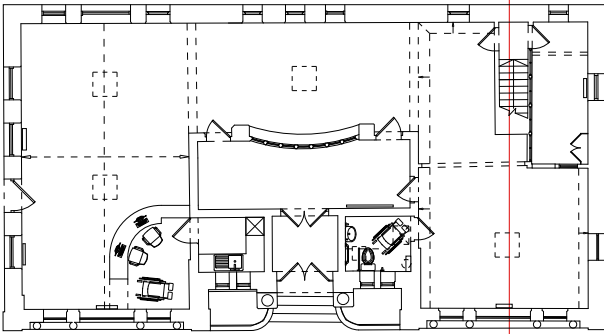


glazed screen to be assessed, repair and made good

all stained glass window to be carefully taken out, assess and
repair - window to be refurbished by specialist contractor
recommended by CADW.

existing suspended timber floor to be upgraded with
new insulation:
- existing floor boarding on timber floor joists
- 100mm Kingspan K103 insulation board laid between
timber floor joists
- minimum u value to achieve 0.22 W/m2k

existing solid masonry retaining wall (assumed uninsulated):
- Lined with metakl studwork, with 75mm rockwool insulation
u-value 0.46W/m2k



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proposed section 02

1:100 @ A3

B	02.06.23	drawings updated. email on
A	05.04.23	02.06.23 Plant Room added
Rev	Date:	Action:
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Dimensions to be checked on site and any discrepancies reported to the Architect immediately .		
Do not scale, use figured dimensions only.		



Merthyr Tydfil CBC	
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Proposed Section 02	
1:100 @ A3	
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