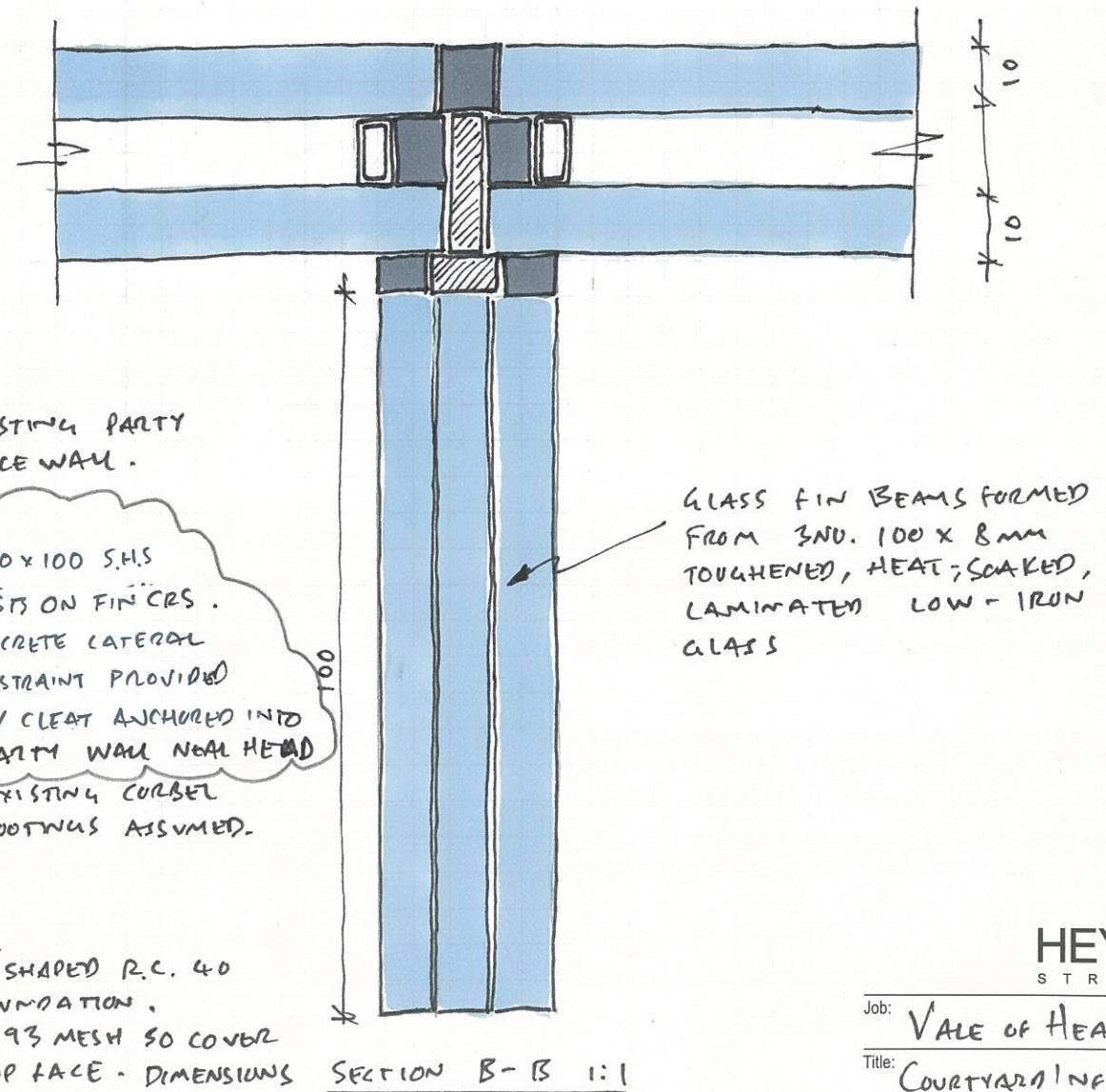
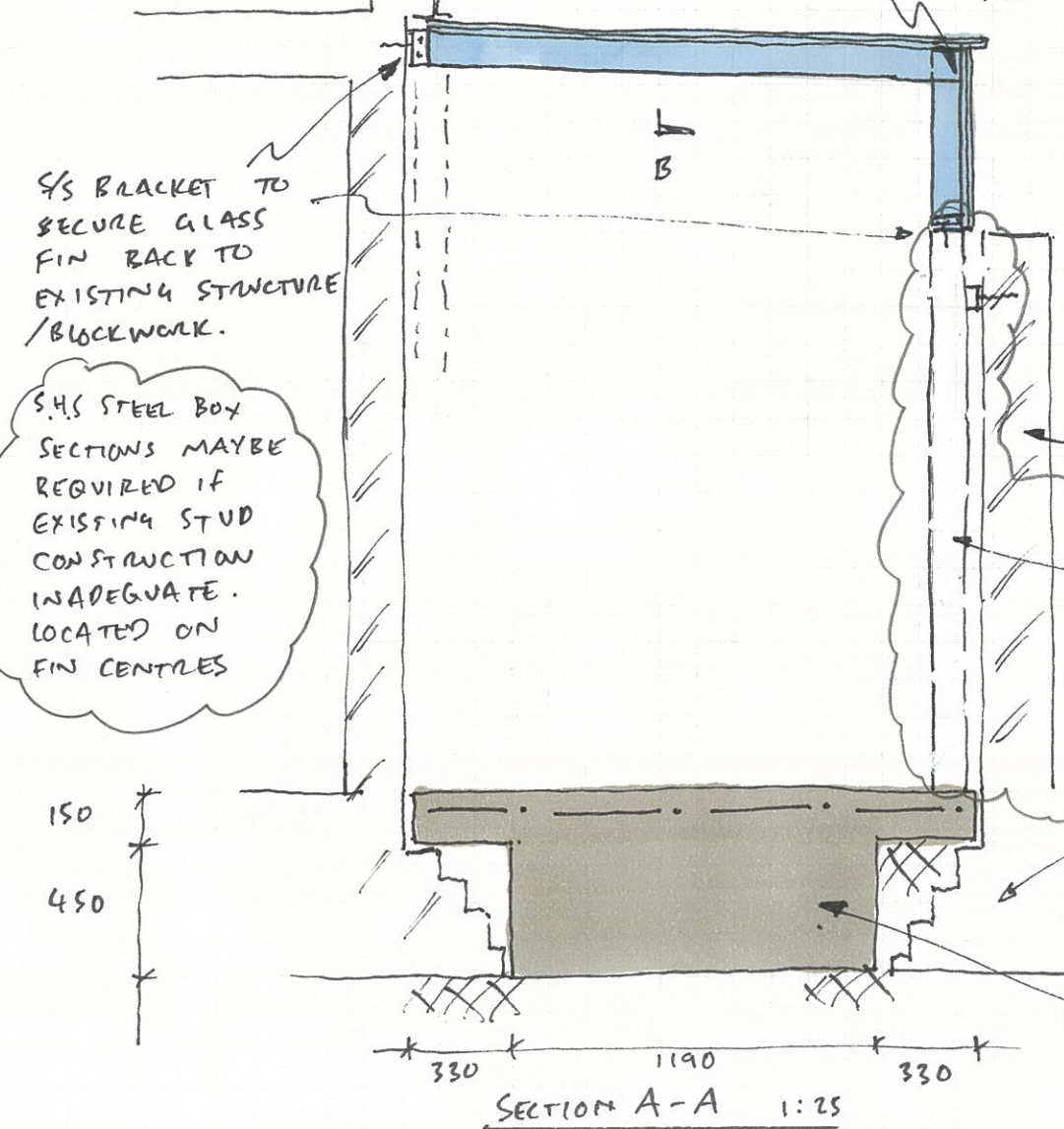
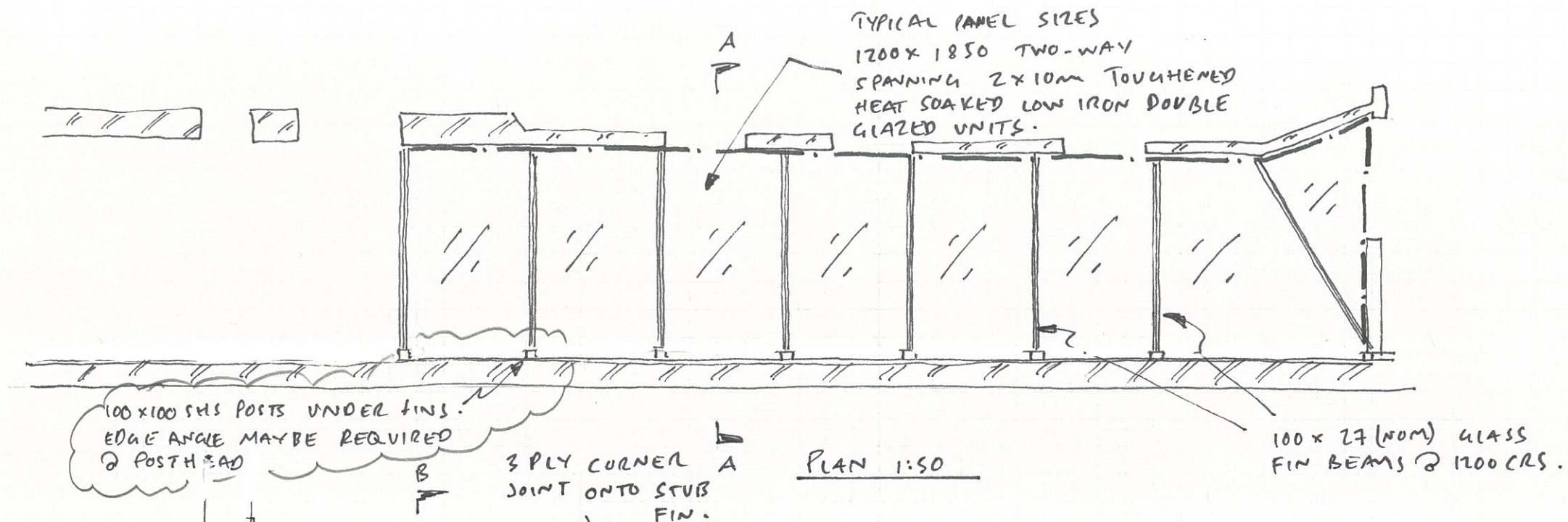


HEYNE TILLET STEEL
STRUCTURAL ENGINEERS

Job: VALE OF HEALTH, HAMPSTEAD Date: APR '09
Title: COURTYARD INFILL SCHEME Eng: M.T
Job No: 0337 Sheet: SK01 Rev:

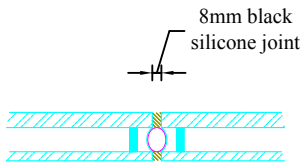


HEYNE TILLET STEEL
STRUCTURAL ENGINEERS

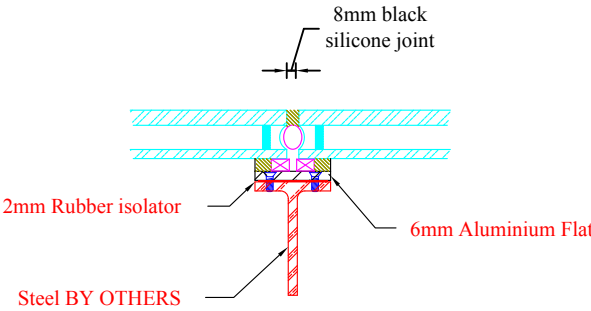
Job: VALE OF HEALTH, HAMPSTEAD Date: APR '09
Title: COURTYARD INFILL SCHEME Eng: M.T
Job No: 0337 Sheet: SK01 Rev: A'

STRUCTURAL GLASS DETAILS

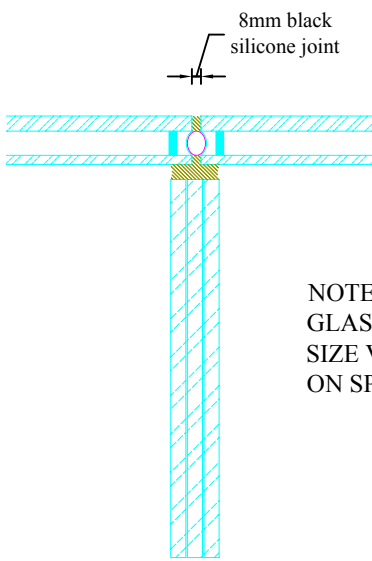
GLASS JOINT
(UNSUPPORTED)



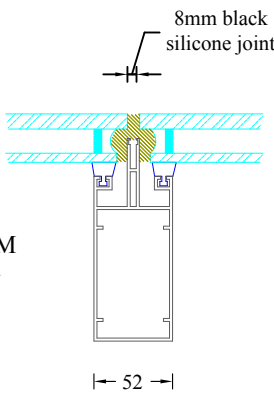
GLASS JOINT
(STEEL SUPPORT)



GLASS JOINT
(GLASS BEAM)

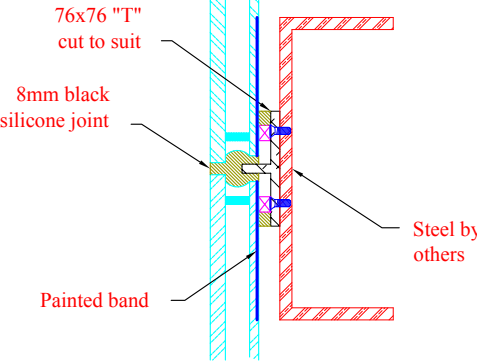


GLASS JOINT
(ALUMINIUM SUPPORT)

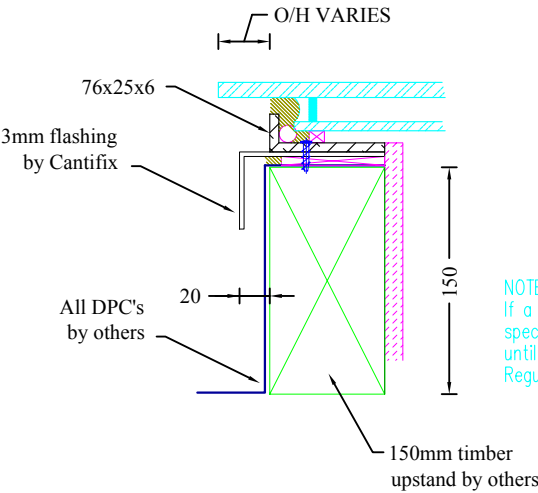


NOTE :
GLASS BEAM/ALUMINIUM
SIZE VARIES DEPENDING
ON SPAN OF GLASS

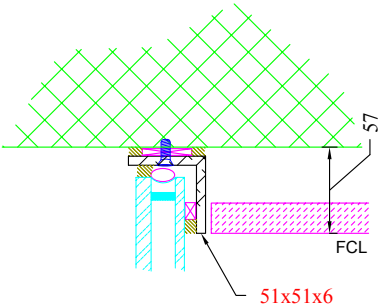
HORIZONTAL SUPPORT
DETAIL (STEEL)



ROOFLIGHT
UPSTAND DETAIL

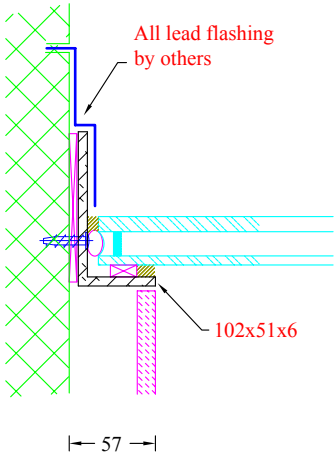


HEAD DETAIL

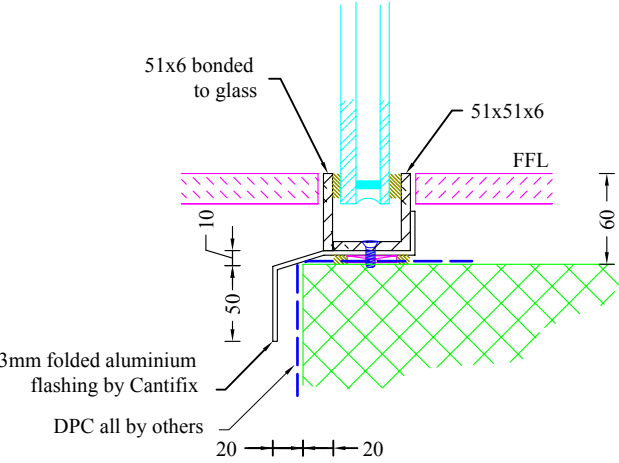


NOTE:
If a small slope to the roof is
specified, water will sit on the glass
until it evaporates or is blown off.
Regular cleaning will be necessary.

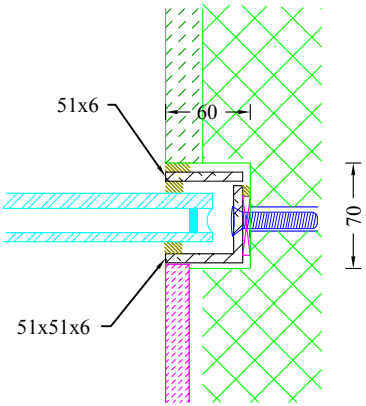
ROOF/FLASHING
DETAIL



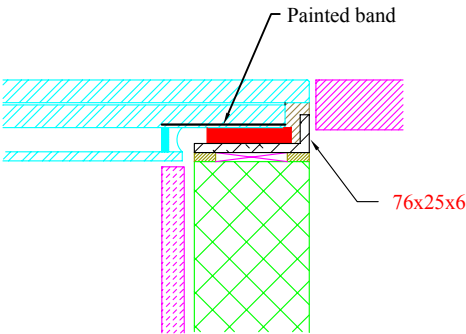
CILL DETAIL



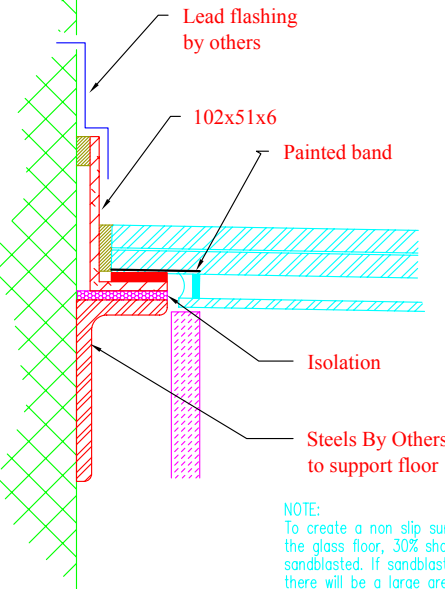
CHASED INTO WALL



GLASS FLOOR
EDGE DETAIL

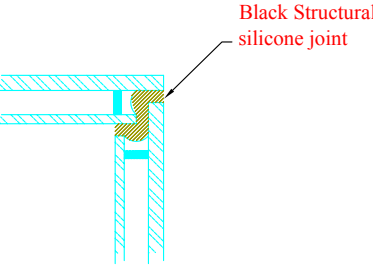


GLASS FLOOR
EDGE DETAIL



NOTE:
To create a non slip surface on
the glass floor, 30% should be
sandblasted. If sandblasting is not specified,
there will be a large area of glass that
will be both slippery and clear
from below. This must be checked
with all parties as to the suitability.

GLASS CORNER



DATE: 13-03-07
SCALE: 1:5

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OF LONDON LIMITED

0337 Woodbines, Vale of Health
Site Visit, 09-05-07



Existing roof pitch varies, pan tiles to front slate to rear. Roof spans across the building onto external walls



First floor timber joist structure spanning across property and loading onto external walls. Ground bearing concrete floor slab throughout ground floor.



Wall construction changes from solid 9" masonry to timber framed weather board construction at this location over both storeys.

Investigation works will need to remove weather board locally at two locations along the length at first floor level to establish joist / stud / wall plate relationship to inform ease and robustness of glazing support angle fixing.



Probable locations for trial pits in yard.



Level change from pavement to yard of approx 270mm, then from yard to ground floor slab of a further 180mm. Indicating load bearing ground maybe deeper than assumed, resulting in deeper proposed footings.

Two manholes noted, appears to be a combined system draining the house through the yard into main sewer in street. CCTV drains survey to be undertaken in next phase of works. All of this run will need to be re-laid and cast into new foundation slab with recessed covers double-sealed covers.



9" party fence wall. Ground level appears similar on both sides of wall - important for construction sequence and any retaining action to be undertaken in temporary condition