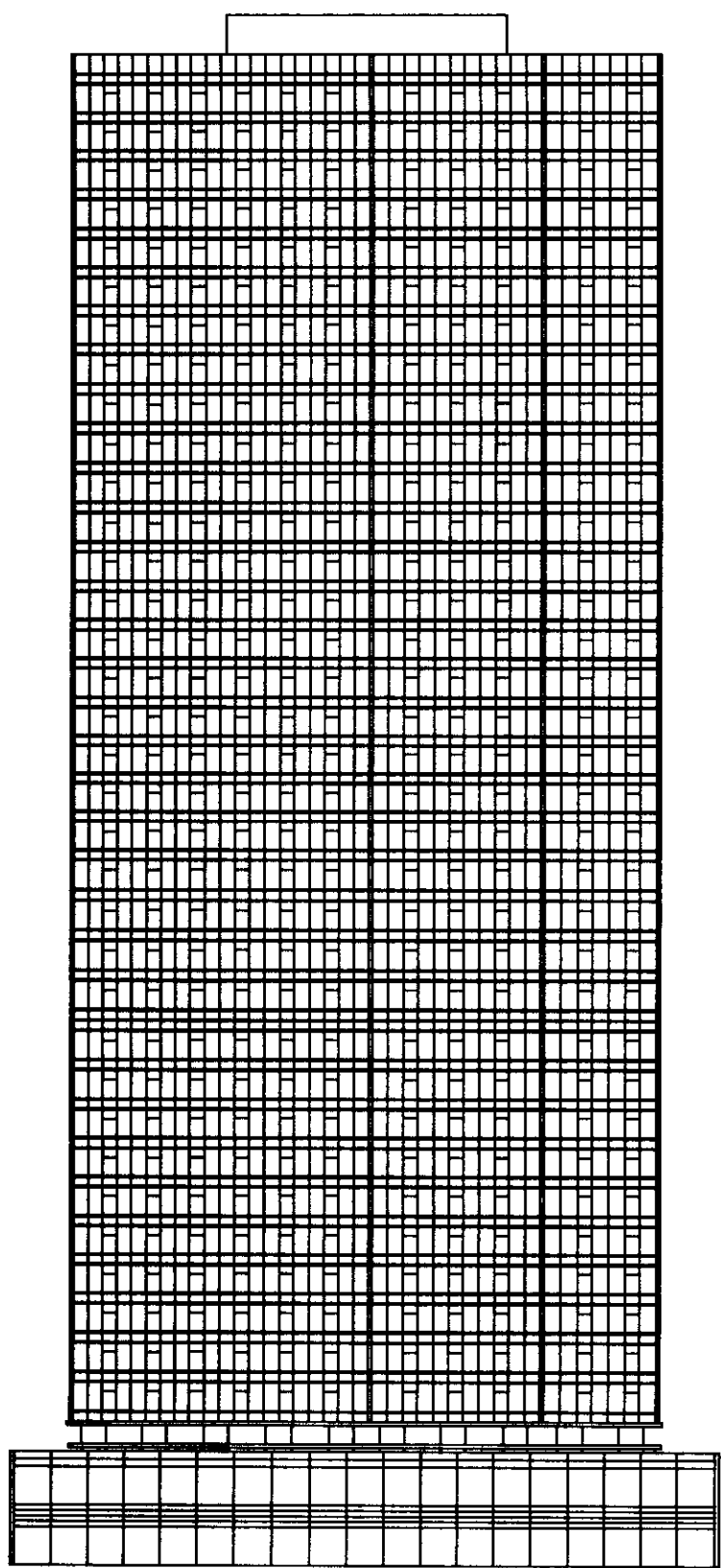
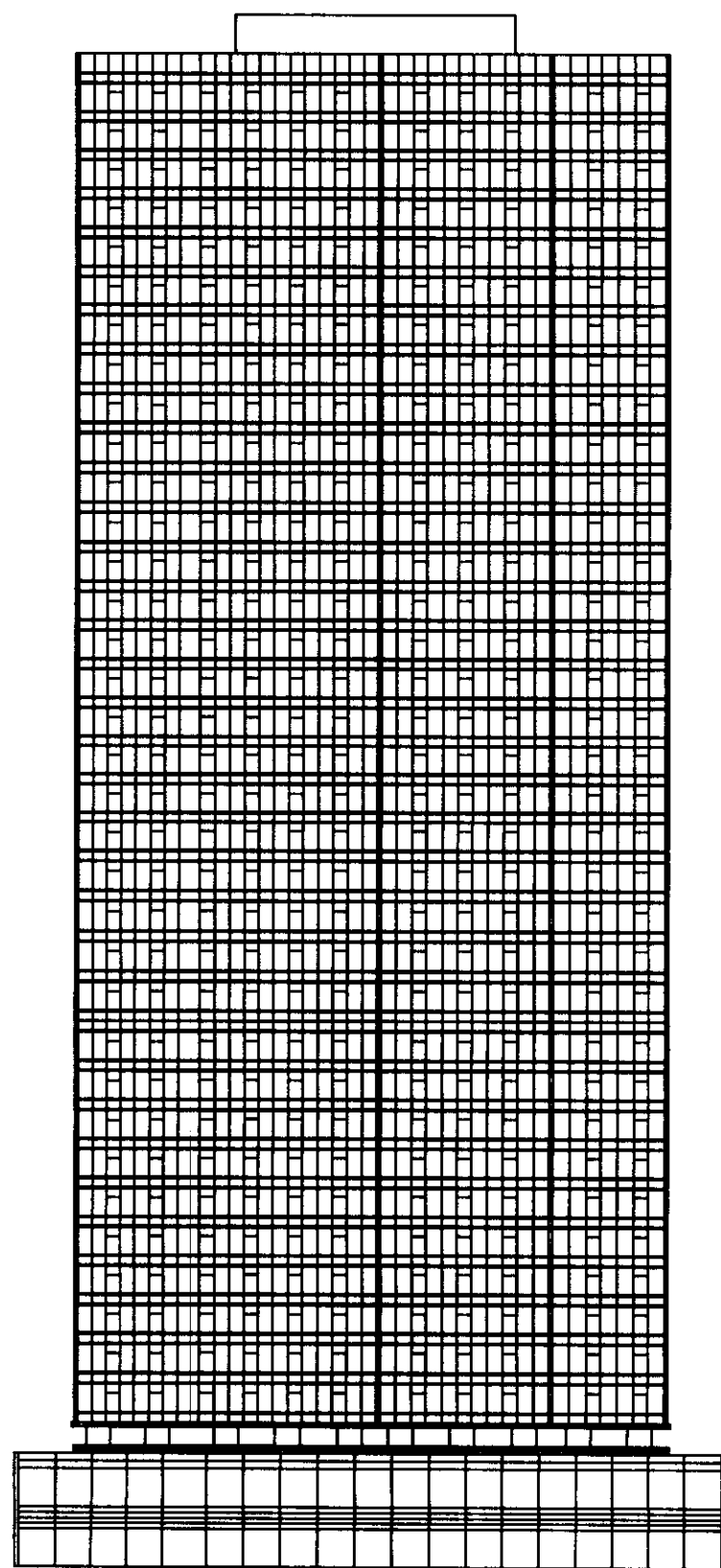


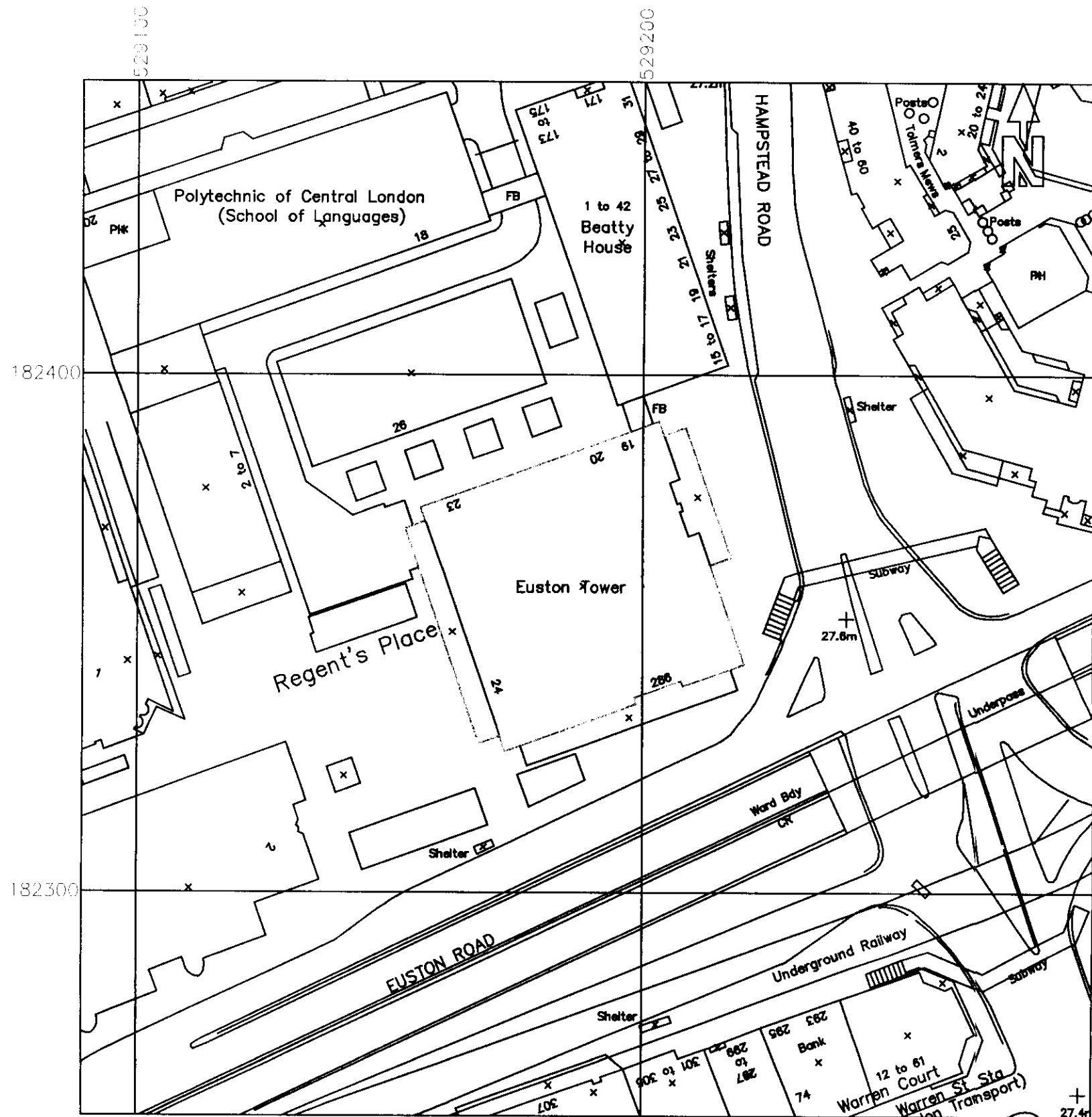
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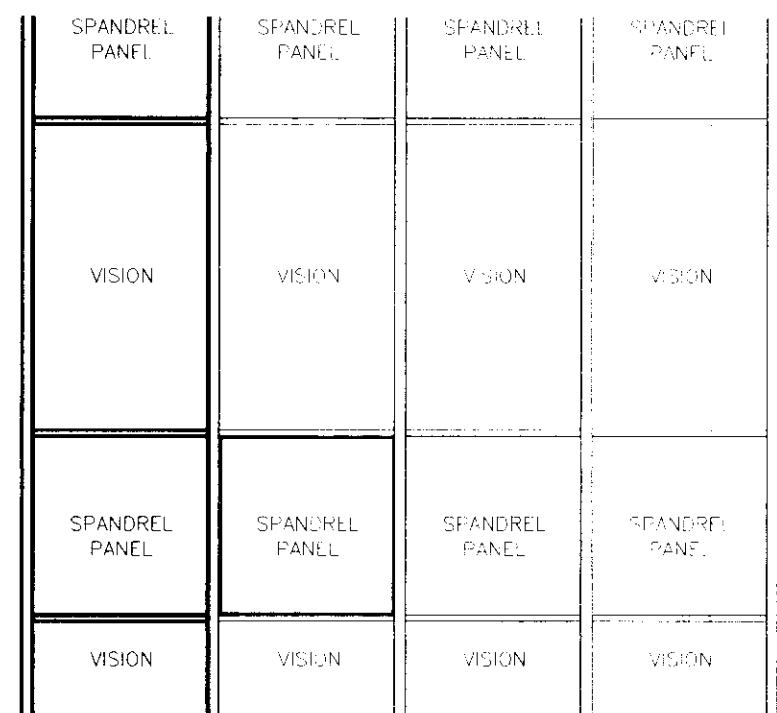
EXISTING ELEVATION
SCALE 1:500



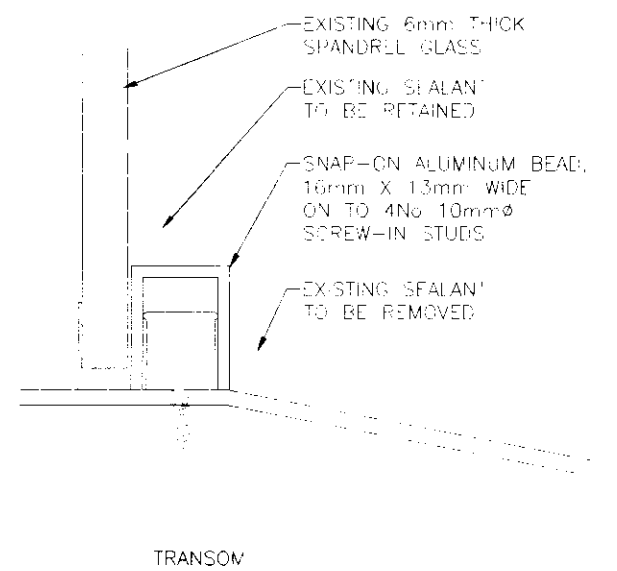
PROPOSED ELEVATION
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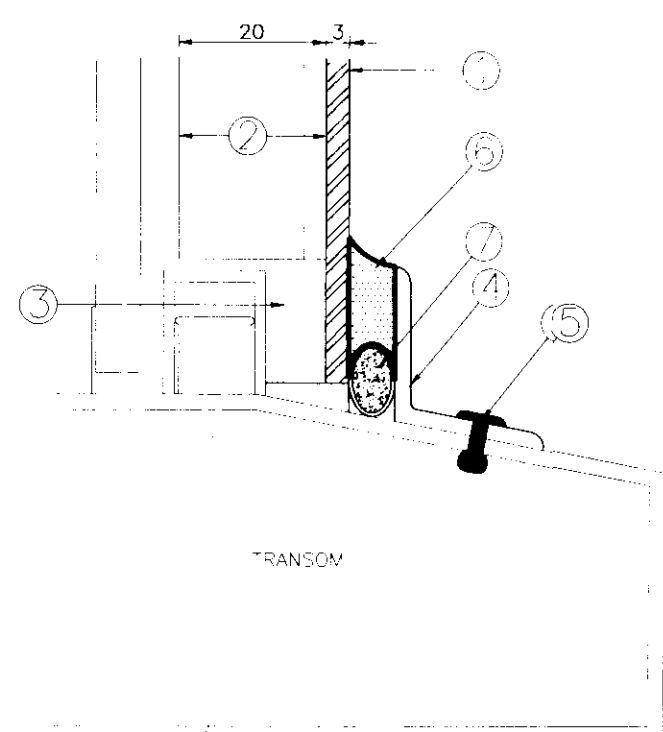
EXISTING LOCATION PLAN
SCALE 1:1000



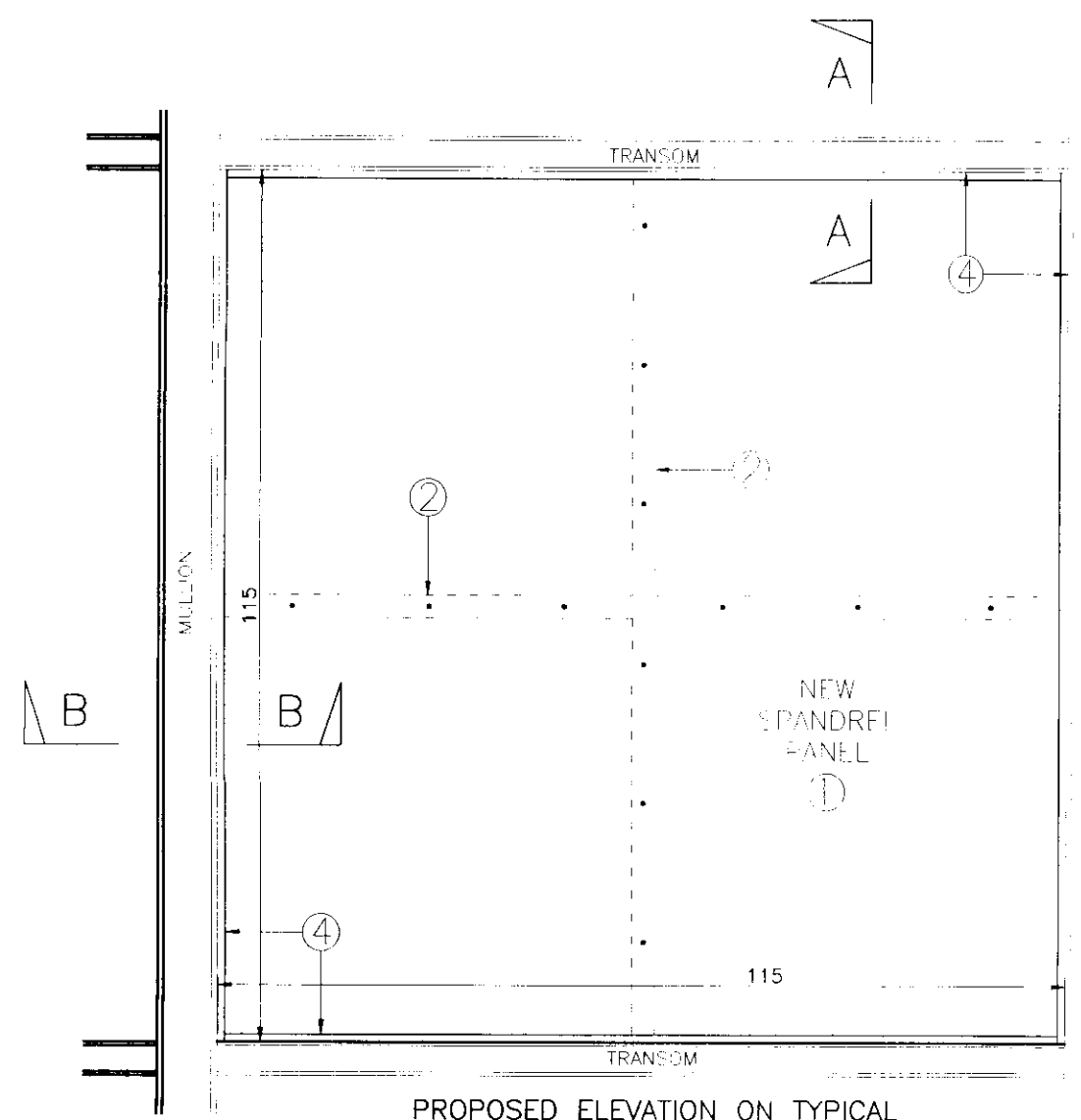
TYPICAL EXISTING PART ELEVATION
SCALE 1:50



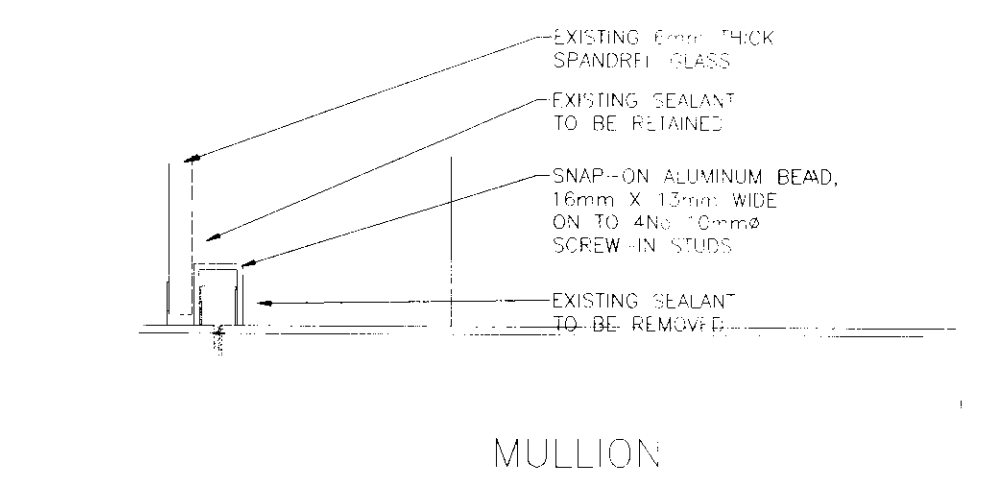
EXISTING SECTION A-A
THROUGH TRANSOM
SCALE 1:1



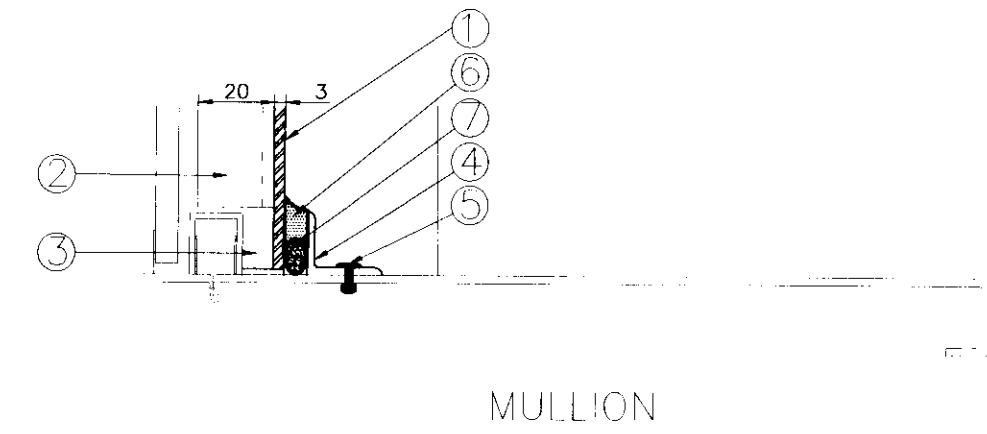
PROPOSED SECTION A-A
THROUGH TRANSOM
SCALE 1:1



PROPOSED ELEVATION ON TYPICAL
NEW PANEL
SCALE 1:10



EXISTING SECTION B-B
THROUGH TOP OF MULLION
SCALE 1:2



PROPOSED SECTION B-B
THROUGH TOP OF MULLION
SCALE 1:2

SPECIFICATION NOTES

- 3mm thick grade 10-50 aluminium spandrel panel, fixed in front of existing glass spandrel panel which is to be retained in place. Aluminium spandrel panel is to be retained on four sides by aluminium angles and a silicone sealed joint. Aluminium spandrel panel to be finished on the external face only with a polyester powder coating with a matt surface finish. Rear face of panel to be uncoated. Polyester powder coating to be Syntho Pulvin to BS 6496 Reference number RAL 7032 Colour silver. Provide 30 year applicators warranty in accordance with Syntho Pulvin applicators scheme.
- Aluminium panel to be strengthened with a cruciform frame comprising 30mm wide x 20 leg angle aluminium channel fixed to back of panel using 6mm threaded studs (12N0) welded to back of panel. Centre intersection of channel to have a full cross-section full strength weld.
- Existing sealant to upstand face of existing snap-on bead to be removed and surface prepared to receive 8mm Adshad Ratcliffe 'Arbost' Structural Spacer tape. 8mm applied to the upstand face of bead.
- 3mm thick anodised finish uncoated aluminium 20mm x 20mm perimeter restraint angle arranged in linear lengths between adjacent transom and mullion. Each adjacent restraint angle to overlap. Upstand leg of all angles to be in-plane with spandrel panel. Horizontal leg of each angle to be sealed against mullion/transoms with a single bead of Arcust 1096 sealant. Sealant to be compressed upon fixing angle.
- Restraint angle to be fixed to transom and mullions with nominal 4.8mm dia aluminium closed head 'Riv' rivets utilising 4 number rivets per angle equally spaced along length. Rivets to be inserted through 4.8mm dia pre-drilled pilot holes.
- Adshad Ratcliffe 'Arbost' 1096 one-part Silicone Sealant 6mm thick and 10mm deep. No surface primer required. Colour Black. Top surface tooled to form slope from panel on all angle only. Sealant to be applied in accordance with BS8000 Part 16 and manufacturers instructions.
- Cross-linked closed-cell foam polyethylene backing rod approximately 25% oversize allowing for a minimum of 10mm depth of sealant.

Rev.	Description	Date
A	Section Detail B-B added	21.01.08



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Drawing Title:
Planning Drawings

Project Number: 07-1540
Drawing Number: E-01
Revision: A

Drawing Status:
Information

Scale: As Shown@ A1
Date: 28.11.07

Drawn By: EJJ
Checked By: TC

All dimensions are in millimetres unless otherwise stated.
Dimensions to be verified on site.
Do not scale.
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2007/0060/P