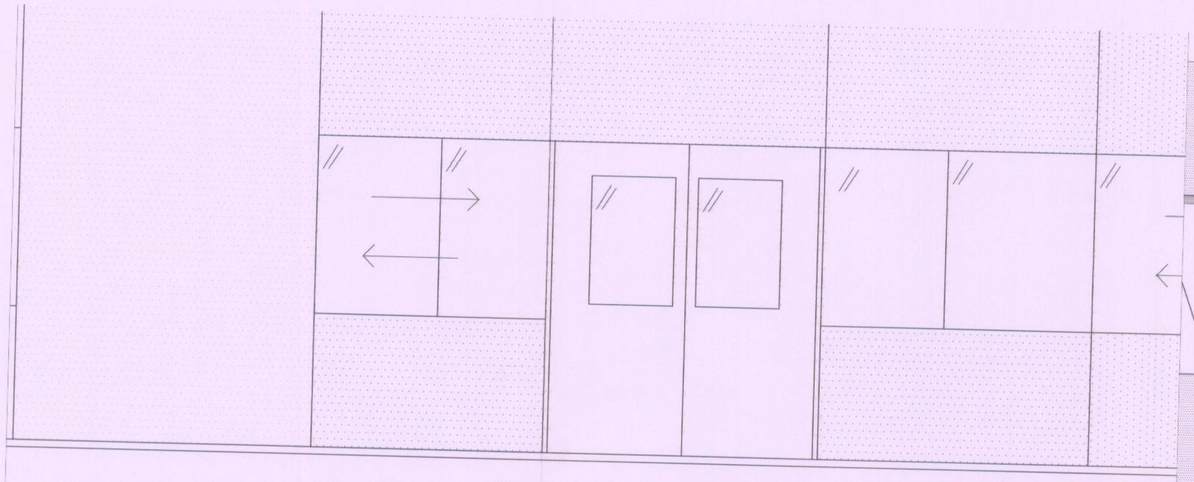
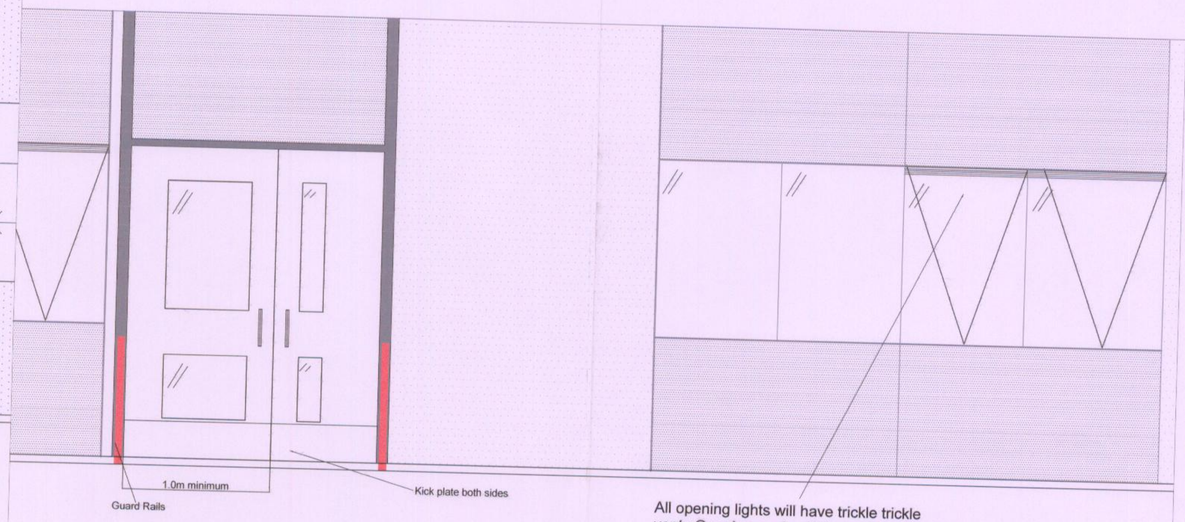


Typical detail of existing elevations

Existing window frames are white frames with blue plywood panels.
The windows are satin anodised single glazed aluminium frames.
The doors are timber double doors of equal width within timber frames.

Scale 1:20



Typical detail of proposed elevations

Scale 1:20

Building has existing level access to all doorways.
No ramps are necessary

Guard rails
50mm tubular steel set in 200x200x300 concrete.
Make good to all ground surfaces to match existing after installation

Scale 1:10



Notes

Replacement doors and windows to be aluminium frames with insulated aluminium infill panels.
Window opening will be bottom hung hopper style windows with restrictors to limit opening movement.
Each window panel will consist of one mullion splitting the frame into two panes each pane will have a trickle vent for ventilation
Opening lights are are like for like with the existing and are indicated by the Vee
The frame section is supplied by Kawneer and manufactured to comply fully with Approved Document L2B with a minimum U vlue not exceeding 1.42w/m2m.
All glazing will be internal for added security

Replacement doors will be in aluminium with glazed panels. The lead leaf will be increased for disabled access incorporarting the leaf and a half design to comply with DFA2. Level access is to be retained by using the correct weatherproof threshold.
Install guard rails externally to each door

All replacement frames and glazing with achieve a u value not exceeding 1.42 to comply with Building Regulation L2B Table 5
The double glazed units will be toughened external pane with laminate toughened internal pane.
Each unit will bear the relevant Kite Mark

The frames will be fixed to the original steelcolumns using the existing brackets.
All frames wil be tight fitting within 6mm of the building structure and be sealed to the existing building using a high modulus12mm bead of silicone sealant

PLANNING
ACKD
REPLIED
RECD - 6 JUN 2008

Rev	Description	Date	by	chkd

MANCHESTER CITY COUNCIL
Corporate Technical Services Group
4th floor Heron House
47 Lloyd St
Manchester
M2 5LE

JOB TITLE	St James' CE Primary School Replacement windows and doors
DRAWING TITLE	Window and Door details
COMPUTER FILE	
DATE	4-06-08
SCALE	As shown A1
DRAWN	L.Y
CHECKED	
JOB NO.	ED 35693
DRAWING NO.	002
REVISION	