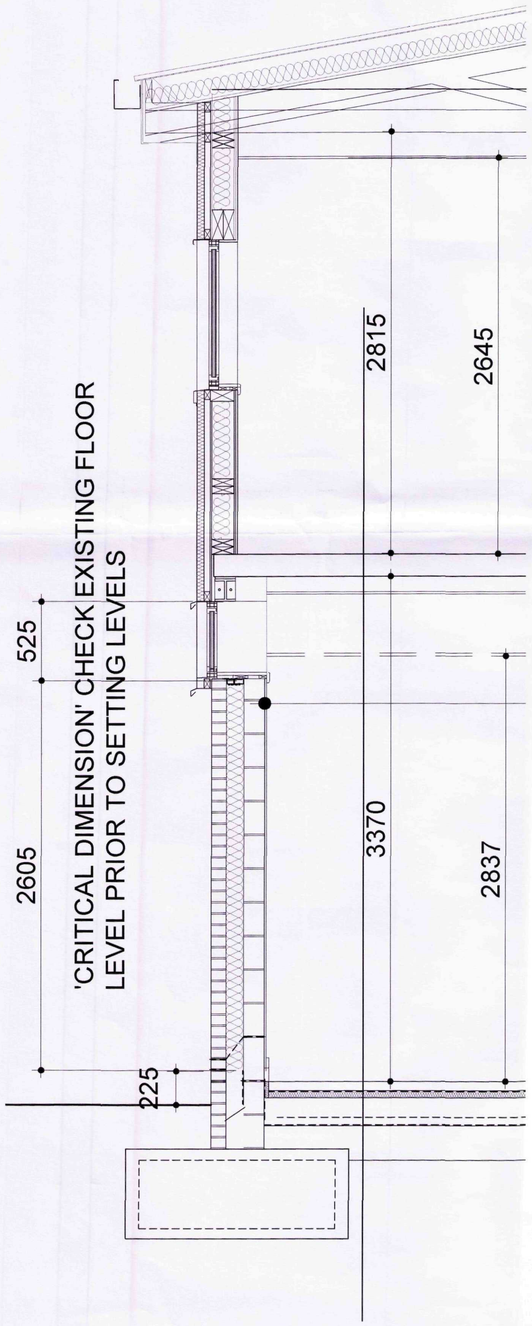


Outer sheeting of Kingspan RF 1000 or similar profiled sheeting 0.7mm thick on layer on Rockwool "cladding roll" (200mm thick) on Rockwool 'acoustic membrane' spacer system on vapour control layer on 18 mm thick WBP plywood sheathing layer fixed over 75 x 50 sheeting rails at 610c/cs, all to provide a 'U' value of 0.21W/sq.M/degK

Box section gutter HPS 200 coated to standard colour supported on brackets fixed to roof build up and structure with 100 mm dia. outlets

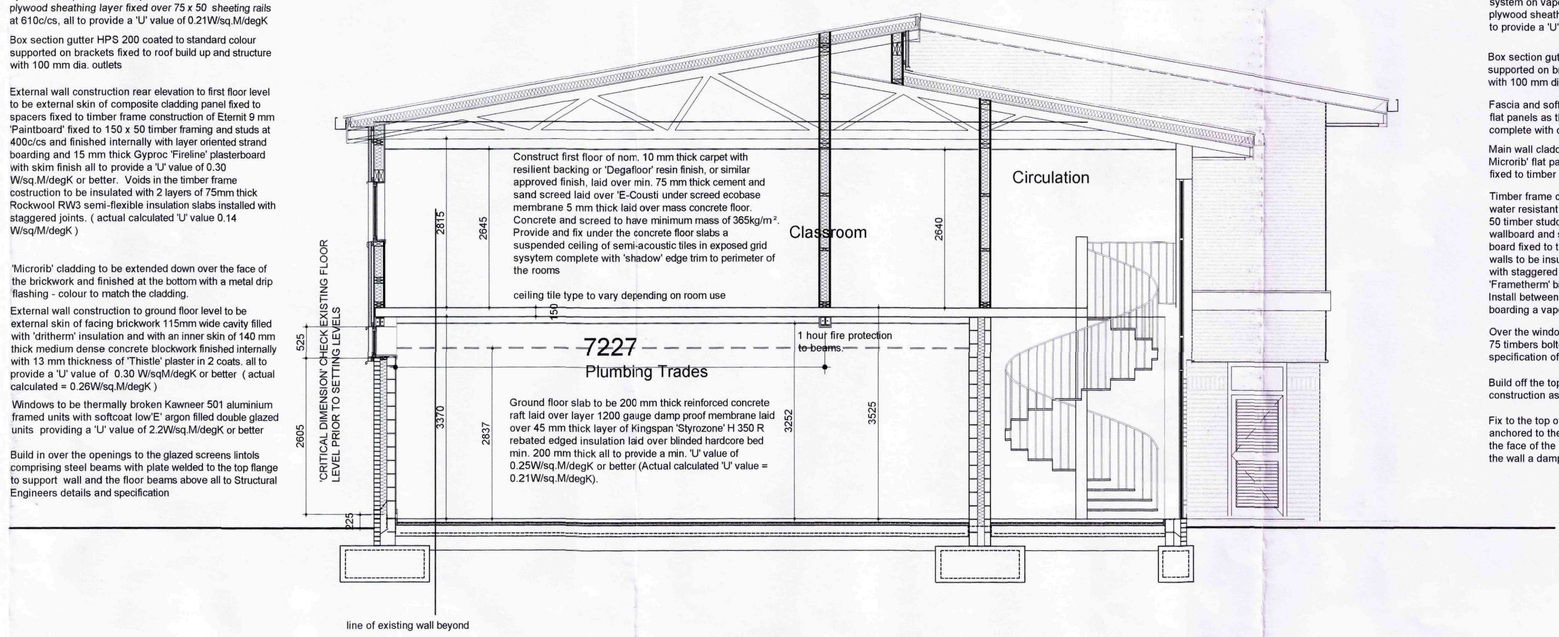
External wall construction rear elevation to first floor level to be external skin of composite cladding panel fixed to spacers fixed to timber frame construction of Eternit 9 mm 'Paintboard' fixed to 150 x 50 timber framing and studs at 400c/cs and finished internally with layer oriented strand boarding and 15 mm thick Gyproc 'Fireline' plasterboard with skim finish all to provide a 'U' value of 0.30 W/sq.M/degK or better. Voids in the timber frame costruction to be insulated with 2 layers of 75mm thick Rockwool RW3 semi-flexible insulation slabs installed with staggered joints. (actual calculated 'U' value 0.14 W/sq/M/degK)

'Microrib' cladding to be extended down over the face of the brickwork and finished at the bottom with a metal drip flashing - colour to match the cladding.

External wall construction to ground floor level to be external skin of facing brickwork 115mm wide cavity filled with 'dritherm' insulation and with an inner skin of 140 mm thick medium dense concrete blockwork finished internally with 13 mm thickness of 'Thistle' plaster in 2 coats. all to provide a 'U' value of 0.30 W/sqM/degK or better (actual calculated = 0.26W/sq.M/degK)

Windows to be thermally broken Kawneer 501 aluminium framed units with softcoat low'E' argon filled double glazed units providing a 'U' value of 2.2W/sq.M/degK or better

Build in over the openings to the glazed screens lintols comprising steel beams with plate welded to the top flange to support wall and the floor beams above all to Structural Engineers details and specification



Outer sheeting of Kingspan RF 1000 or similar profiled sheeting 0.7mm thick on layer on Rockwool "cladding roll" (200mm thick) on Rockwool 'acoustic membrane' spacer system on vapour control layer on 18 mm thick WBP plywood sheathing layer fixed over 75 x 50 sheeting rails at 610c/cs, all to provide a 'U' value of 0.21W/sq.M/degK

Box section gutter HPS 200 coated to standard colour supported on brackets fixed to roof build up and structure with 100 mm dia. outlets

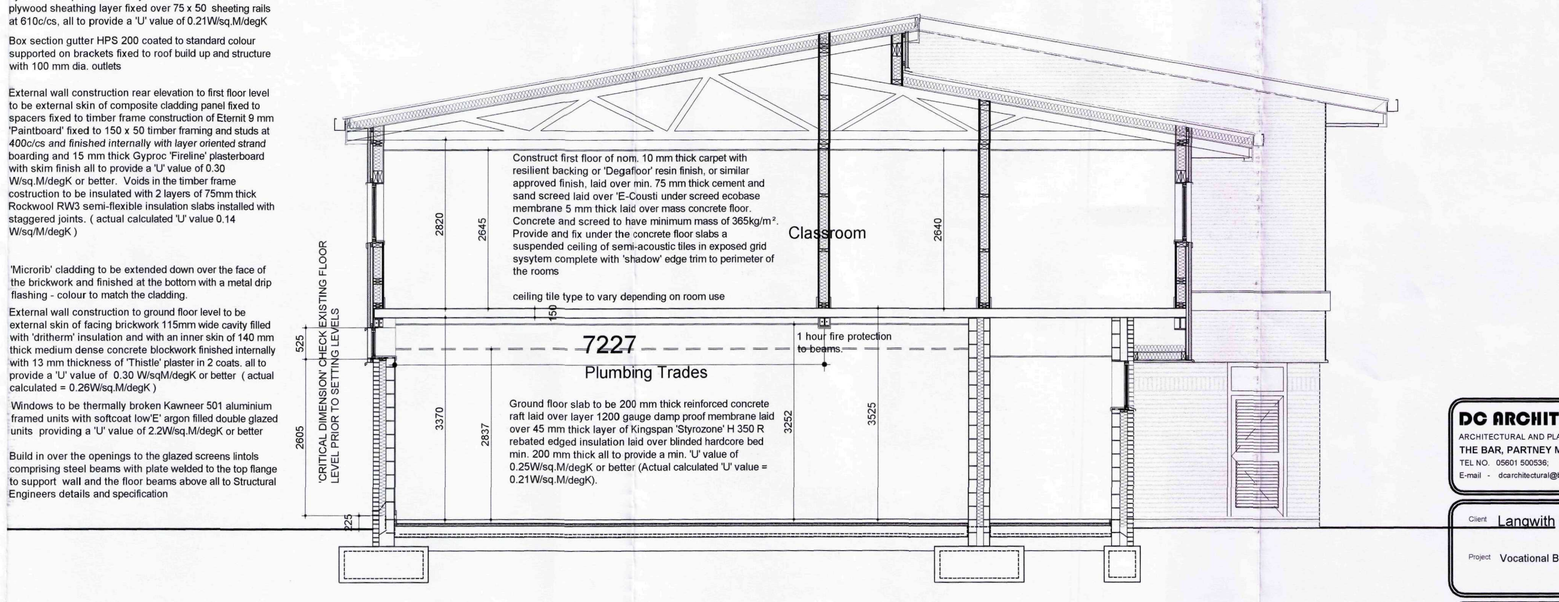
External wall construction rear elevation to first floor level to be external skin of composite cladding panel fixed to spacers fixed to timber frame construction of Eternit 9 mm 'Paintboard' fixed to 150 x 50 timber framing and studs at 400c/cs and finished internally with layer oriented strand boarding and 15 mm thick Gyproc 'Fireline' plasterboard with skim finish all to provide a 'U' value of 0.30 W/sq.M/degK or better. Voids in the timber frame costruction to be insulated with 2 layers of 75mm thick Rockwool RW3 semi-flexible insulation slabs installed with staggered joints. (actual calculated 'U' value 0.14 W/sq/M/degK)

'Microrib' cladding to be extended down over the face of the brickwork and finished at the bottom with a metal drip flashing - colour to match the cladding.

External wall construction to ground floor level to be external skin of facing brickwork 115mm wide cavity filled with 'dritherm' insulation and with an inner skin of 140 mm thick medium dense concrete blockwork finished internally with 13 mm thickness of 'Thistle' plaster in 2 coats. all to provide a 'U' value of 0.30 W/sqM/degK or better (actual calculated = 0.26W/sq.M/degK)

Windows to be thermally broken Kawneer 501 aluminium framed units with softcoat low'E' argon filled double glazed units providing a 'U' value of 2.2W/sq.M/degK or better

Build in over the openings to the glazed screens lintols comprising steel beams with plate welded to the top flange to support wall and the floor beams above all to Structural Engineers details and specification



Outer sheeting of Kingspan RF 1000 or similar profiled sheeting 0.7mm thick on layer on Rockwool "cladding roll" (200mm thick) on Rockwool 'acoustic membrane' spacer system on vapour control layer on 10 mm thick WBP plywood sheathing layer fixed over 150 x 50 at 400c/cs, all to provide a 'U' value of 0.21W/sq.M/degK

Box section gutter HPS 200 coated to standard colour supported on brackets fixed to roof build up and structure with 100 mm dia. outlets

Fascia and soffit of the eaves to be formed with 'Microrib' flat panels as the main wall cladding of the building, complete with drip flashings, cleader rails etc. as required.

Main wall cladding of the building, to be Kingspan ' Microrib' flat panels fixed to 50 mm zed or top hat spacers fixed to timber framed external wall construction.

Timber frame construction to be formed of 11 mm thick water resistant 'Sterling' boards fixed externally to 150 x 50 timber studding finished internally with 12.5 mm thick wallboard and skim coat over 11 mm thick 'Sterling' osb board fixed to the studding. Voids to the timber framed walls to be insulated with 150 mm (2 layers 75mm thick with staggered joints) of Rockwool RW3 or Crown 'Frametherm' batt.
Install between the plasterboard and the inner 'Sterling' boarding a vapour control layer

Over the window openings fix timber lintol of 2 no. 200 x 75 timbers bolted together, all to the details and specification of the Structural Engineer.

Build off the top of the timber plate a timber framed wall - construction as generally noted above.

Fix to the top of the brickwork a 150 x 50 timber plate anchored to the top of the concrete floor beams and down the face of the brickwork. Build in between the plate and the wall a damp proof course tray.

DETERMINED PLAN

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E-mail - dcarchitectural@btconnect.com

Client: Langwith Builders Ltd on Behalf of the Governors

Project: Vocational Block - Phase 2

Drawing Title: Proposed Workshops Sections

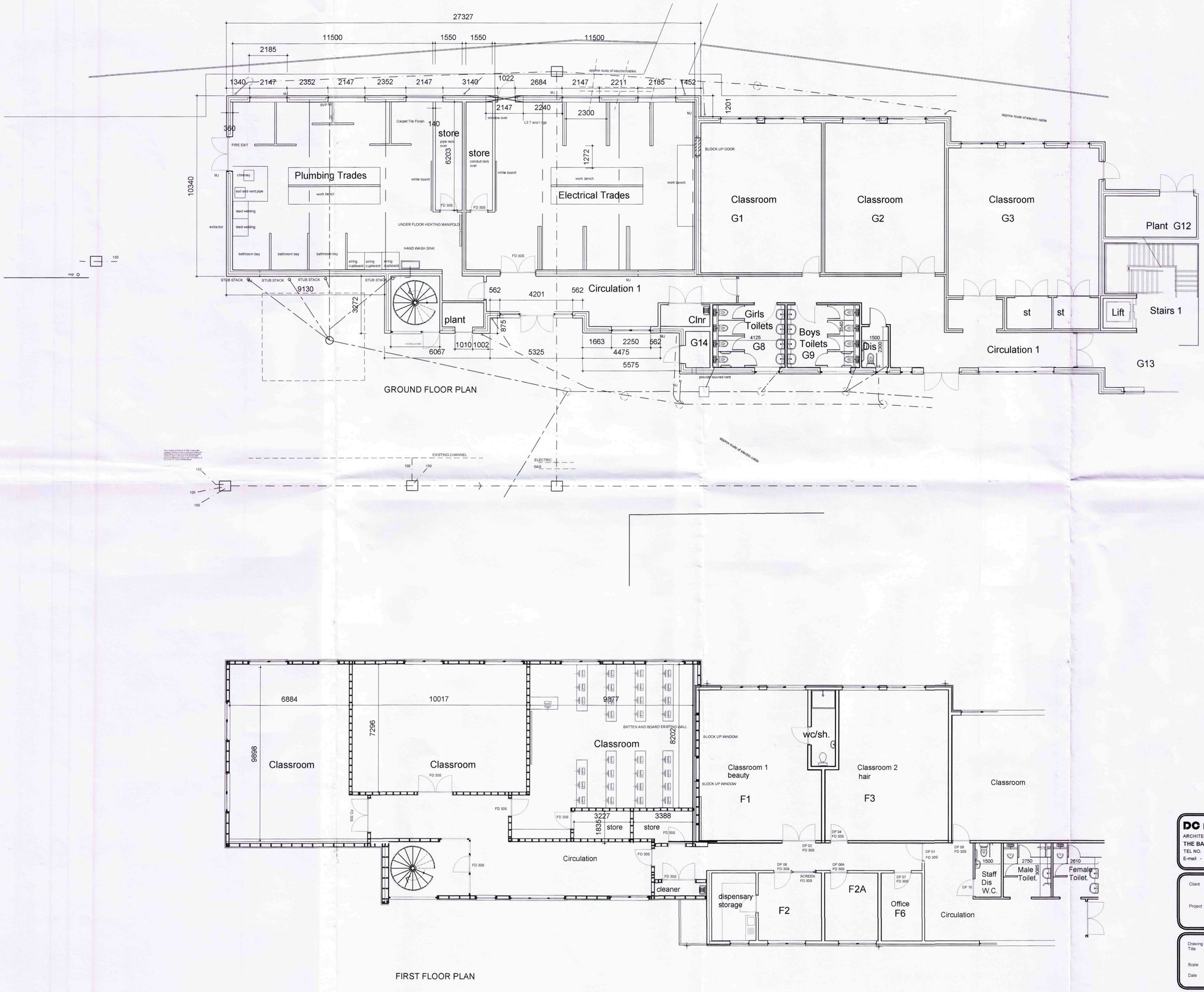
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Scale: 1:50 and 1:20 Drawn: DB

Date: apr 09 Checked:

Revision

Revisions



DETERMINED PLAN

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Client: Langwith Builders Ltd on Behalf of the Governors

Project: Vocational Block - Phase 2

Drawing Title: Proposed Workshops Plans

Drawing number: dc:67:G:130

Scale: 1:100

Drawn: DB

Revision:

Date: apr 09

Checked:

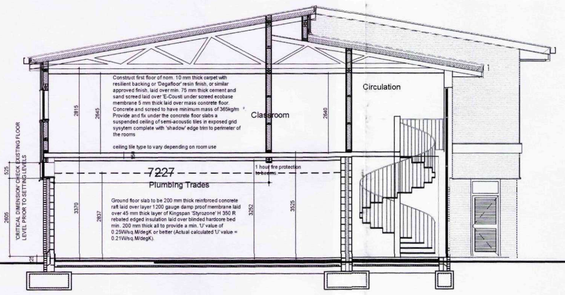
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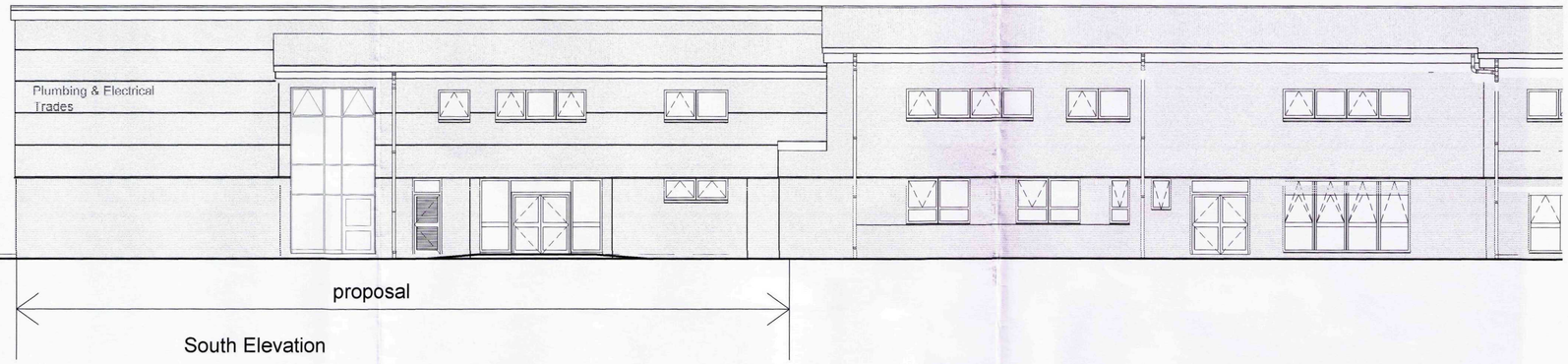
Box section gutter HPS 200 coated to standard colour supported on brackets fixed to roof/build up and structure with 100 mm dia. outlets

'Microrib' cladding to be extended down over the face of the brickwork and finished at the bottom with a metal drip flashing - colour to match the cladding.

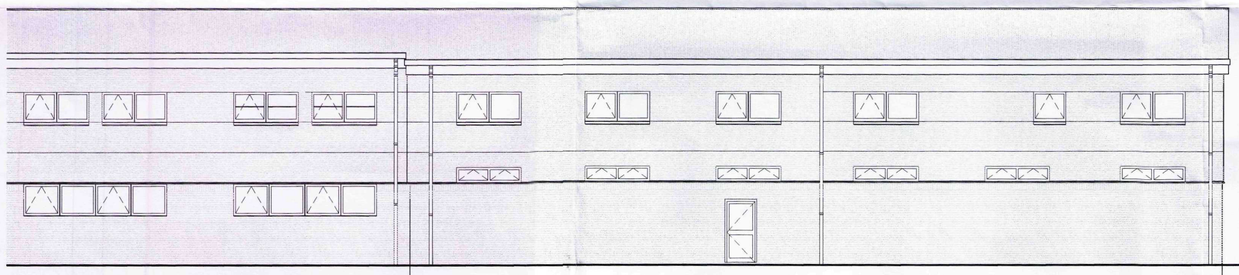
Construct up to first floor level a cavity external wall comprising external skin of facing brickwork, 115 mm wide cavity fully filled with 'Dritherm' insulation and an inner skin of 140 mm medium dense blockwork. Internally the wall to be finished with 13 mm thick 2 coat dense plaster.

Build in over the openings to the glazed screens lintols comprising steel beams with plate welded to the bottom flange to support the cavity wall and the floor beams all to Structural Engineers details and specification





South Elevation



North Elevation

Profiled metal roofing system with coloured pressed metal verge trims,eaves drips etc.

Coloured pressed metal box gutter to eaves of all roofs with outlets as shown for and including 100 mm dia. rainwater pipes

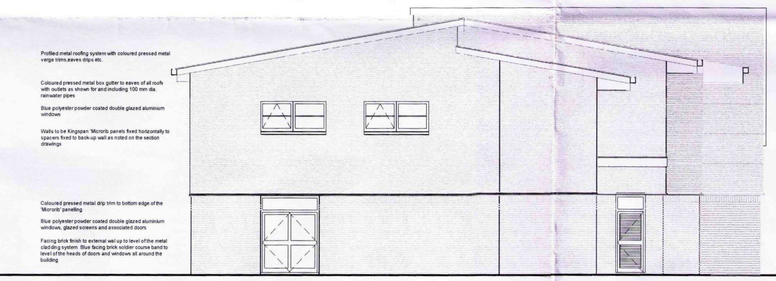
Blue polyester powder coated double glazed aluminium windows

Walls to be Kingspan 'Microrib panels fixed horizontally to spacers fixed to back-up wall as noted on the section drawings

Coloured pressed metal drip trim to bottom edge of the 'Microrib' panelling

Blue polyester powder coated double glazed aluminium windows, glazed screens and associated doors

Facing brick finish to external wall up to level of the metal cladding system. Blue facing brick solder course band to level of the heads of doors and windows all around the building



West Elevation

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Client: Langwith Builders Ltd on Behalf of the Governors

Project: Vocational Block - Phase 2

Drawing Title: Proposed Workshops Elevations

Drawing number: dc:67:G:132

Scale: 1:100 Drawn: DB Revision:

Date: apr 09 Checked:

PROPOSALS

DETERMINED PLAN

SHDC
Planning & Development
2 0 MAY 2009
Ref: 0351/09

Existing School

cycles

cars

cars

Existing School

mbikes

cars

cars

Existing School

Existing School

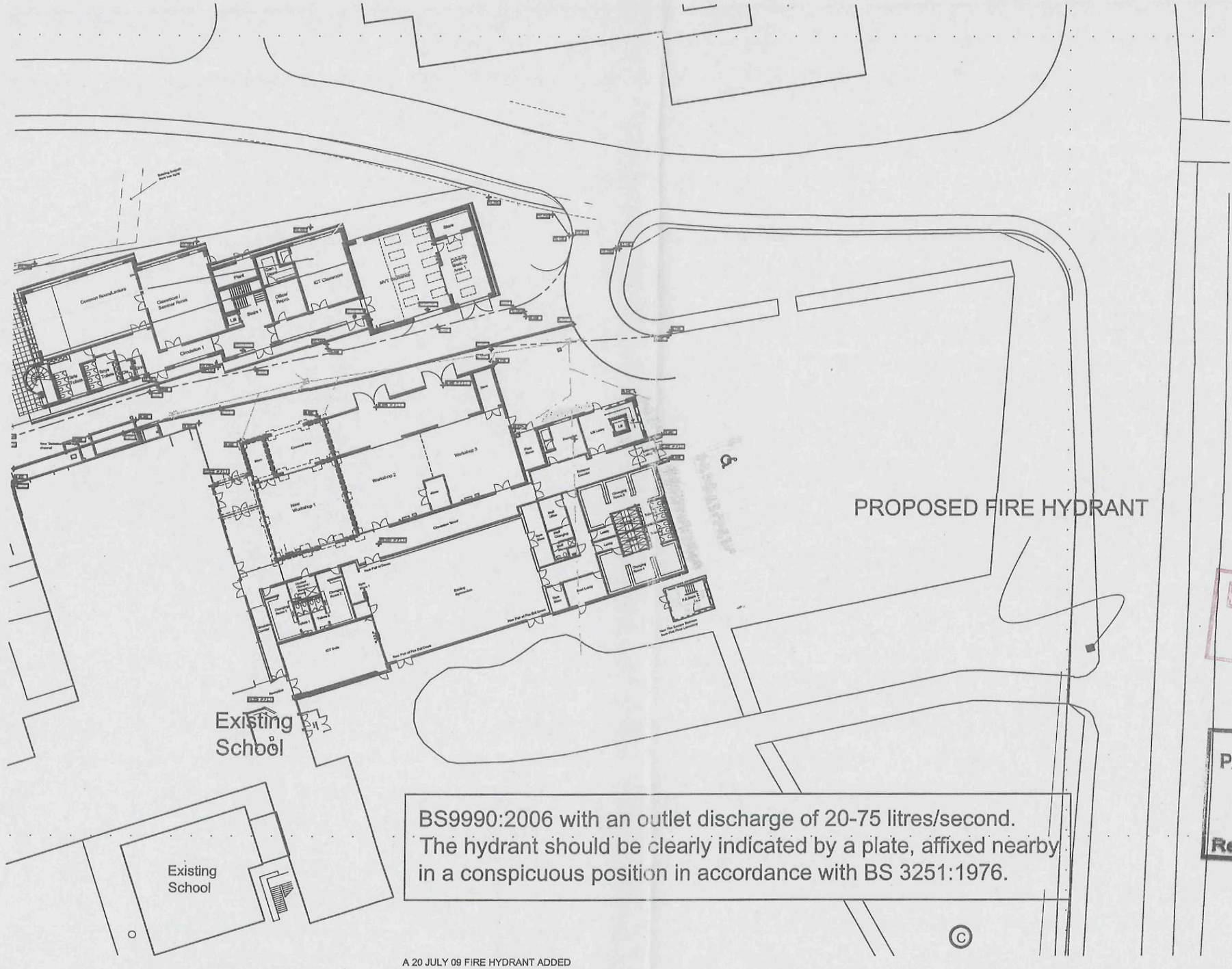
Existing School

Existing

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Client	LANGWITH BUILDERS LTD	Scale	1:500
Project	Phase 2 of Vocational Unit at The George Farmer Technology College Park Road, Holbeach, Lincolnshire.	Drawn	DB
		Date	SEPT 08
		Drawing number	DB/67G/ 133
Drawing Title	SITE PLAN		



A 20 JULY 09 FIRE HYDRANT ADDED

DETERMINED PLAN

SHDC
Planning & Development
2 2 JUL 2009
Ref: 0351/09

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Client	Lincolnshire County Council	Scale	1:1250
Project	Phase 2 of Vocational Unit at The George Farmer Technology College Park Road, Holbeach, Lincolnshire.	Drawn	CPD
		Date	Mar 07
		Drawing number	
Drawing Title	FIRE HYDRANT Location Plan		66G/03/A

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