

AS BUILT

STEEL FRAMED SPECIFICATION

Roof

Ground Floor: KS1000RW Single Skin Roof Panel
First Floor: KS1000RW 80mm Roof Panel

External Walls

125 x 25mm Thermowood Timber Cladding External Finish
25mm Battens, Breather Membrane, 18mm Plywood
145 x 38mm Timber Frame
140mm Crown Frame 35 Insulation, Vapour Barrier
12mm Gyproc Soundblock Board / Lafarge Jointing Compound
(15mm Megadeco Plasterboard for 1 Hour Fire Rated)
Leyland Paint - Colour: TBC

Fixing of 18mm Plywood to Structural Stud to be as follows:
- Nails to be Minimum 3mmØ and Minimum 50mm Long
- Around the Perimeter Nails to be @ 150mm c/c Max.
- Internally Nails to be @ 300mm c/c Max.

Ceiling

Gypsum Ceiling Tile - Gyproc Quattro 20 Suspended Ceiling
Plasterboard Ceiling to all Stores
2.7m Floor to Ceiling Height

Floors

24mm Spruce, 50mm Polystyrene Floor Insulation
Non-slip Polysulfide Vinyl Floor Covering to Wet Areas with
150mm Coved Skirting - Colour: TBC
Object Excel Carpet Floor Covering Elsewhere - Colour: TBC

Internal Partitions

See Plan

Windows

9 No. 2100 x 1800mm Polyester Powder Coated Aluminium Framed Double Glazed Windows
41 No. 1500 x 1800mm Polyester Powder Coated Aluminium Framed Double Glazed Windows
3 No. 540 x 1500mm Polyester Powder Coated Aluminium Framed Double Glazed Windows
All Window Frames - Colour: RAL 7015

Internal Doors

21 No. 926mm Internal Solid Core Doors with Vision Panels
10 No. 926mm Internal Solid Core Doors
3 No. 750mm Internal Solid Core Doors
8 No. 750mm Toilet Outside Doors
7 No. 2 x 826mm Internal Solid Core Double Doors with Vision Panels
10 No. 2 x 626mm Internal Solid Core Double Doors

External Doors

1 No. 2 x 838mm External Double Doors with Vision Panels
1 No. 2 x 838mm External Double Doors
1 No. 2 x 838mm Fire Rated Double Doors with Panic Bars

Electrical

To be Confirmed

Mechanical

2 No. Stainless Steel Sinks and Drainers with
2 No. 1000mm Base Units
8 No. WC's
1 No. Wash Hand Basin c/w Pedestal
8 No. Wash Hand Basins in Vanity Units
5 No. Urinals
4 No. Cleaners Sinks
4 No. Doc-M Toilet Packs
1 No. Doc-M Shower Pack
1 No. Doc-M Changing Pack
1 No. 1200 x 900mm Shower Tray
1 No. Drinking Fountain

Trims

0.7mm HP200 Plastol Coated Steel - Colour: TBC

Other Items

12 No. Toilet Roll Holders
9 No. 400 x 300mm Mirrors
4 No. 400 x 900mm Mirrors (in Disabled Toilets)
4 No. 1200 x 1200mm Roodlights
1 No. LRT
2 No. Internal Staircases (as per floor plan)

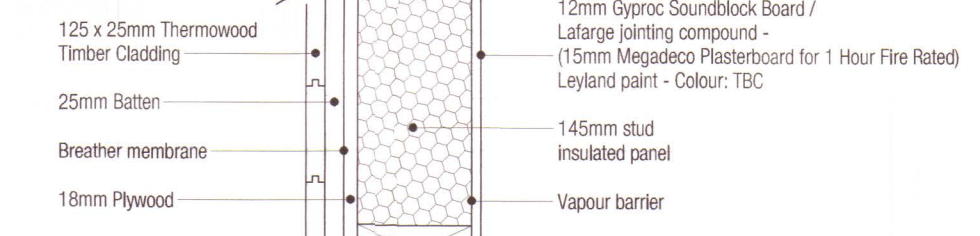
First Floor Frames

3 No. Frame Size: 9900(j) x 3005(w) x 3665(h) - Beam Size 9750
KS1000RW 80mm Roof Panel
10110mm Cut Length - RH - 70mm Cut Back
8 No. Frame Size: 15000(j) x 3005(w) x 3665(h) - Beam Size 14760mm
KS1000RW 80mm Roof Panel
15120mm Cut Length - RH - 70mm Cut Back
3 No. Frame Size: 9145(j) x 2400(w) x 3665(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9265mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
15120mm Cut Length - RH - 70mm Cut Back
3 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9265mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9510mm Cut Length - RH - 70mm Cut Back
2 No. Frame Size: 7800(j) x 3005(w) x 3665(h) - Beam Size 7650
KS1000RW 80mm Roof Panel
8010mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 6135(j) x 1500(w) x 3550(h) - Beam Size 5895
KS1000RW 80mm Roof Panel
6255mm Cut Length - RH - 70mm Cut Back

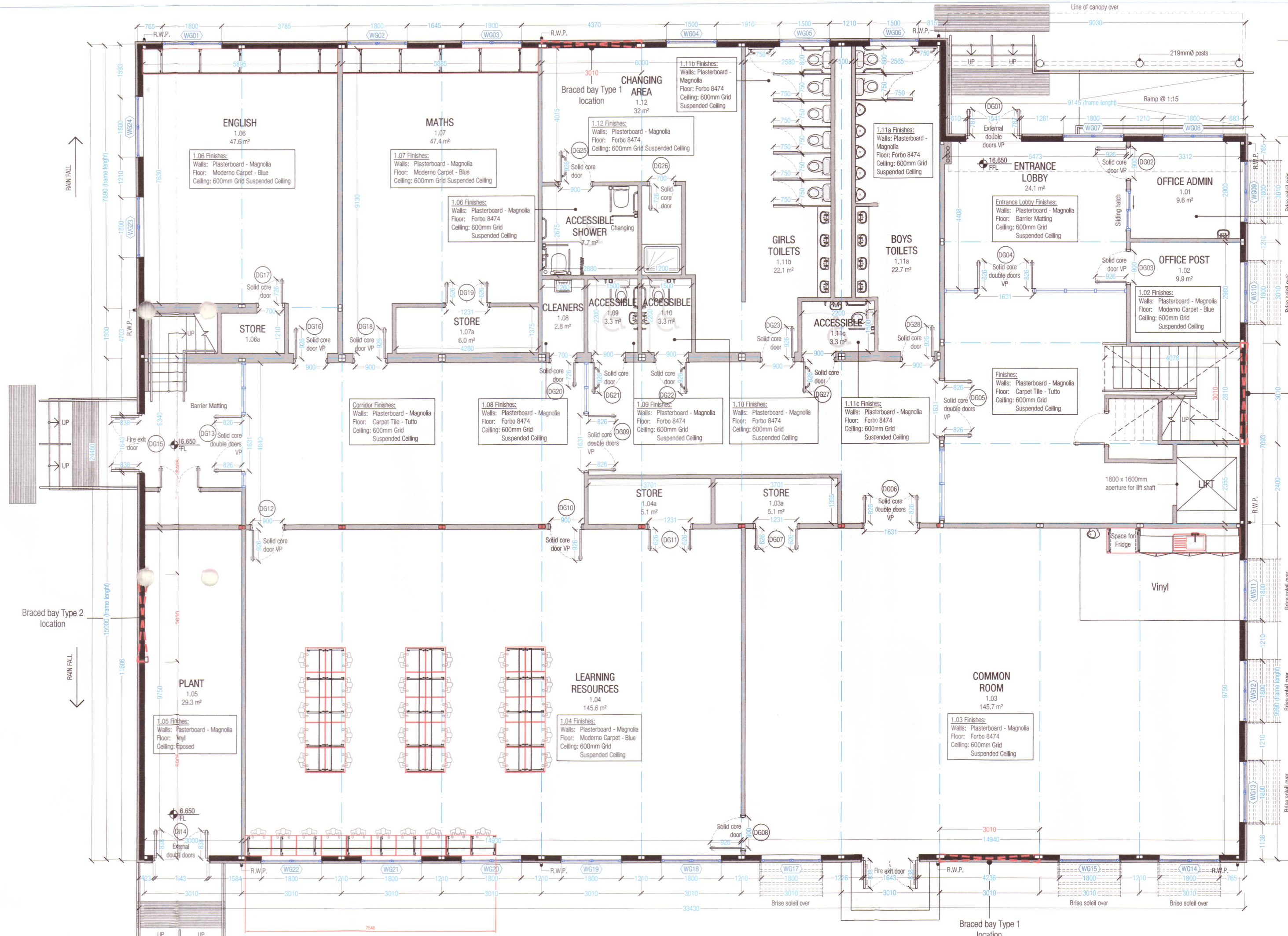
Ground Floor Frames
3 No. Frame Size: 9900(j) x 3005(w) x 3550(h) - Beam Size 9750
KS1000RW 80mm Roof Panel
10110mm Cut Length - RH - 70mm Cut Back
8 No. Frame Size: 15000(j) x 3005(w) x 3550(h) - Beam Size 14760mm
KS1000RW 80mm Roof Panel
15120mm Cut Length - RH - 70mm Cut Back
3 No. Frame Size: 9145(j) x 2400(w) x 3665(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9265mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
15120mm Cut Length - RH - 70mm Cut Back
3 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9265mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 9145(j) x 3005(w) x 3550(h) - Beam Size 8905
KS1000RW 80mm Roof Panel
9510mm Cut Length - RH - 70mm Cut Back
2 No. Frame Size: 7800(j) x 3005(w) x 3665(h) - Beam Size 7650
KS1000RW 80mm Roof Panel
8010mm Cut Length - RH - 70mm Cut Back
1 No. Frame Size: 6135(j) x 1500(w) x 3550(h) - Beam Size 5895
KS1000RW 80mm Roof Panel
6255mm Cut Length - RH - 70mm Cut Back

GROSS INTERNAL FLOOR AREA:
GROUND FLOOR: 774 m² / FIRST FLOOR: 774 m²

EXTERNAL WALL CONSTRUCTION



GROUND FLOOR PLAN



1 No. Layers of 15mm Gyproc
Classic Wallboard Each Side
with 50mm Isovol APR 1200 in
the cavity

30 mins Fire Resistance
- 46 dB
Max height 3800mm

Boards taped and filled with British
Gypsum jointing compound
Leyland paint - Colour: TBC

Gyproc Gyframe 70 AS 50 stud

INTERNAL PARTITIONS

- Stores and WC's - 45db

as an alternative to the above 1 no layer 12.5mm
Soundbloc can be substituted each side
with 25mm Isovol APR 1200 in the cavity

30 mins Fire Resistance
- 46 dB
Max height 3600mm

Boards taped and filled with British Gypsum jointing
compound Leyland paint - Colour: TBC

1 No. Layers of 12.5mm Gyproc
Soundbloc Board Each Side
with 50mm Isovol APR 1200 in
the cavity and gyframe R81
resilient bar both sides of partition
at 600mm centres

60 mins Fire Resistance
62 Rw (Rw + CtrdB) = 55 dB
Max height 3200mm

Boards taped and filled with British
Gypsum jointing compound
Leyland paint - Colour: TBC

Gyproc Gyframe 70mm stud

INTERNAL PARTITIONS

- Office to Office - - Classroom to Classroom - - Gypwall Quiet = 55db

2 No. Layers of 12.5mm Gyproc
Soundbloc Board Each Side
with 50mm Isovol APR 1200 in
the cavity and gyframe R81
resilient bar at 600mm centres

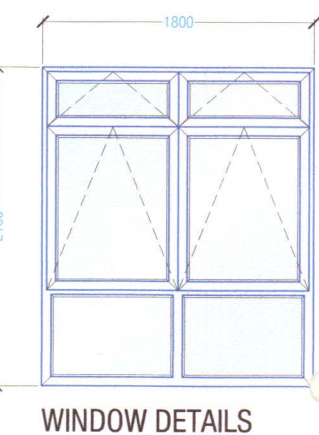
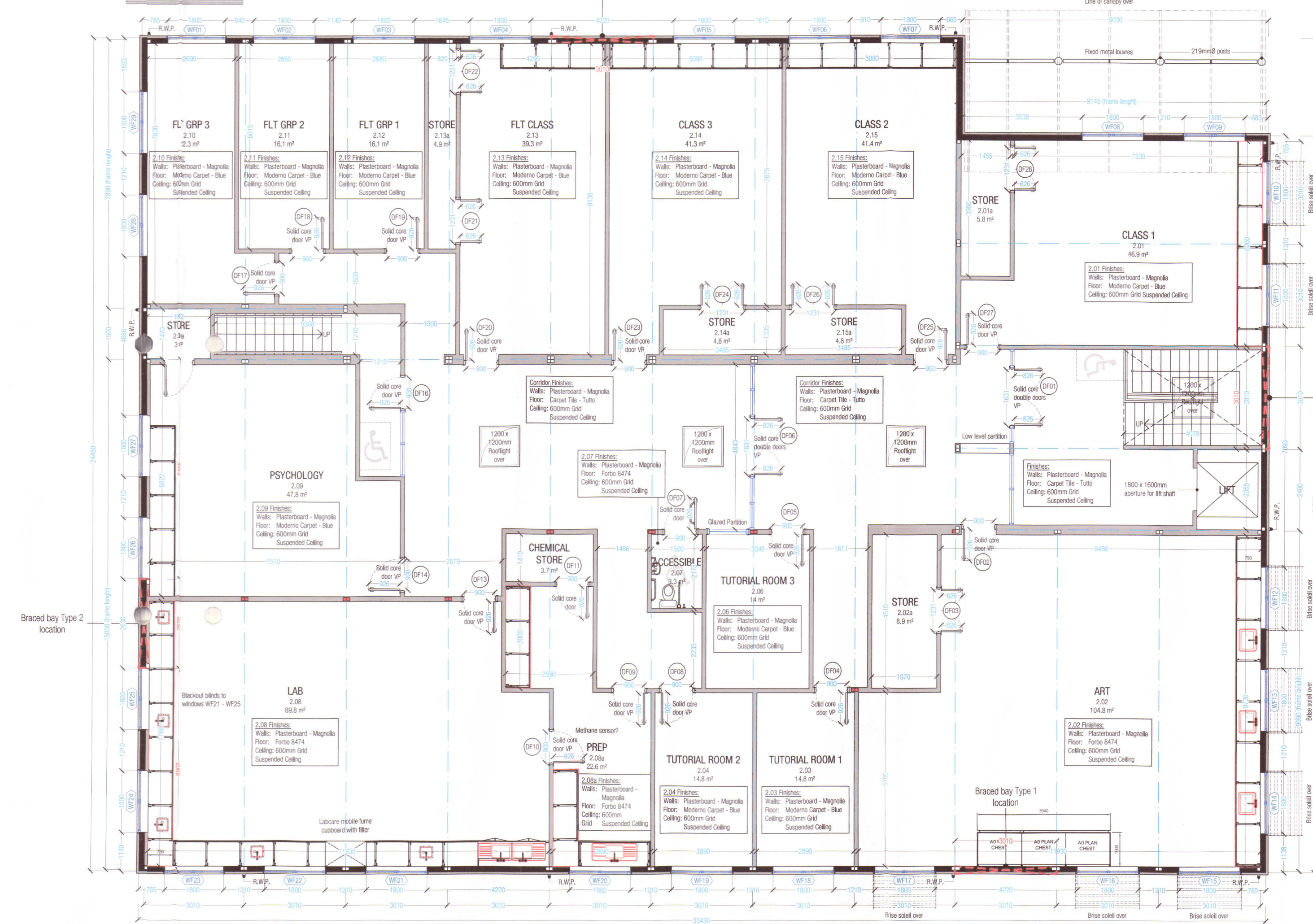
60 mins Fire Resistance
62 Rw (Rw + CtrdB) = 56 dB
Max height 3600mm

Boards taped and filled with British
Gypsum jointing compound
Leyland paint - Colour: TBC

Gyproc Gyframe 146mm stud

INTERNAL PARTITIONS

- Office/Classroom to Common Area - Classroom to Plantroom - Gypwall Quiet = 55db



FIRST FLOOR PLAN

L	JQ	As Built	24/08/10
NO:	BY:	REVISION:	DATE:

SCALE: 1:100 @ A1

DATE: Nov. '09

DRAWN BY: J.Quinlan

DRAWING NO:

1586-RUT-01L

extraspace
offsite construction specialists

Crag Avenue Business Park, Clonsilla Industrial Estate,
Clonsilla, Dublin 22
Tel: (01) 457 3100 Fax: (01) 457 0326
Email: info@extraspaceoffsite.com

CLIENT:

London Borough of Merton

PROJECT:

Rutlish High School

DRAWING TITLE:

Ground and First Floor Plans