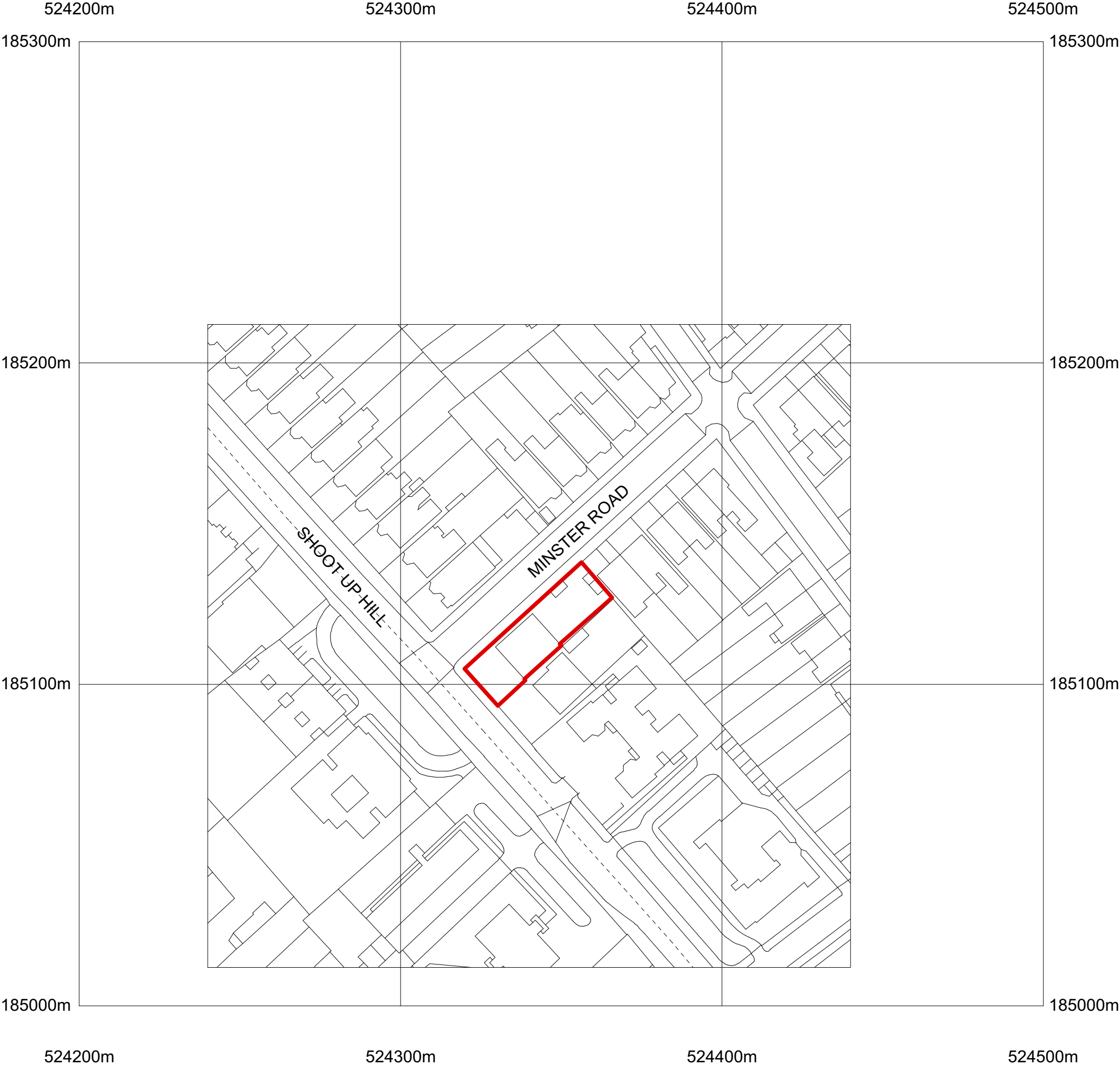
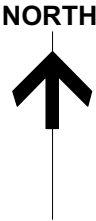




THE MULBERRY HOUSE SCHOOL – PROPOSED EXTENSION PLANNING APPLICATION DRAWINGS: September 2015

Design Team

Doug Clelland – Principal Design Architect and CDM Principal Designer
Andris Berzins and Nick Berzins – AB+A Architects – Executive Architect
Tim Macfarlane – Glass – Structural Engineer
Mike Popper – P3r – Mechanical and Electrical Engineer
Gerald Crowley – Quantity Surveyor
Paul Smyth – CDM Consultant



Location Plan : The Mulberry House School : 68 Shoot Up Hill, London, NW2 3XL
Scale 1:1250

Andris Berzins + Associates
CHARTERED ARCHITECTS

4 DARTMOUTH PARK ROAD LONDON NW5 1SY
Tel: 020 7485 3133 Email: ab@aba-architects.uk

and **Doug Clelland** AADipl ARIAS RIBA
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REVISIONS	Date	Ini

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: Site Location Plan

Scale: 1:1250 @ A3

Drawing No: **MUL-AL(0)01**

Rev: -

Drawn by: NB/AB

Date: 12/6/2015

dc

aba

REVISIONS	Date	Ini
A Update for PA	24-8-15	AB/NB
B No.66 fire escape indicated	2-9-15	AB/NB

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: Topographical Site Plan : Existing

Scale: 1:200 @ A3

Drawing No: **MUL-AL(0)02**

Rev: **B**

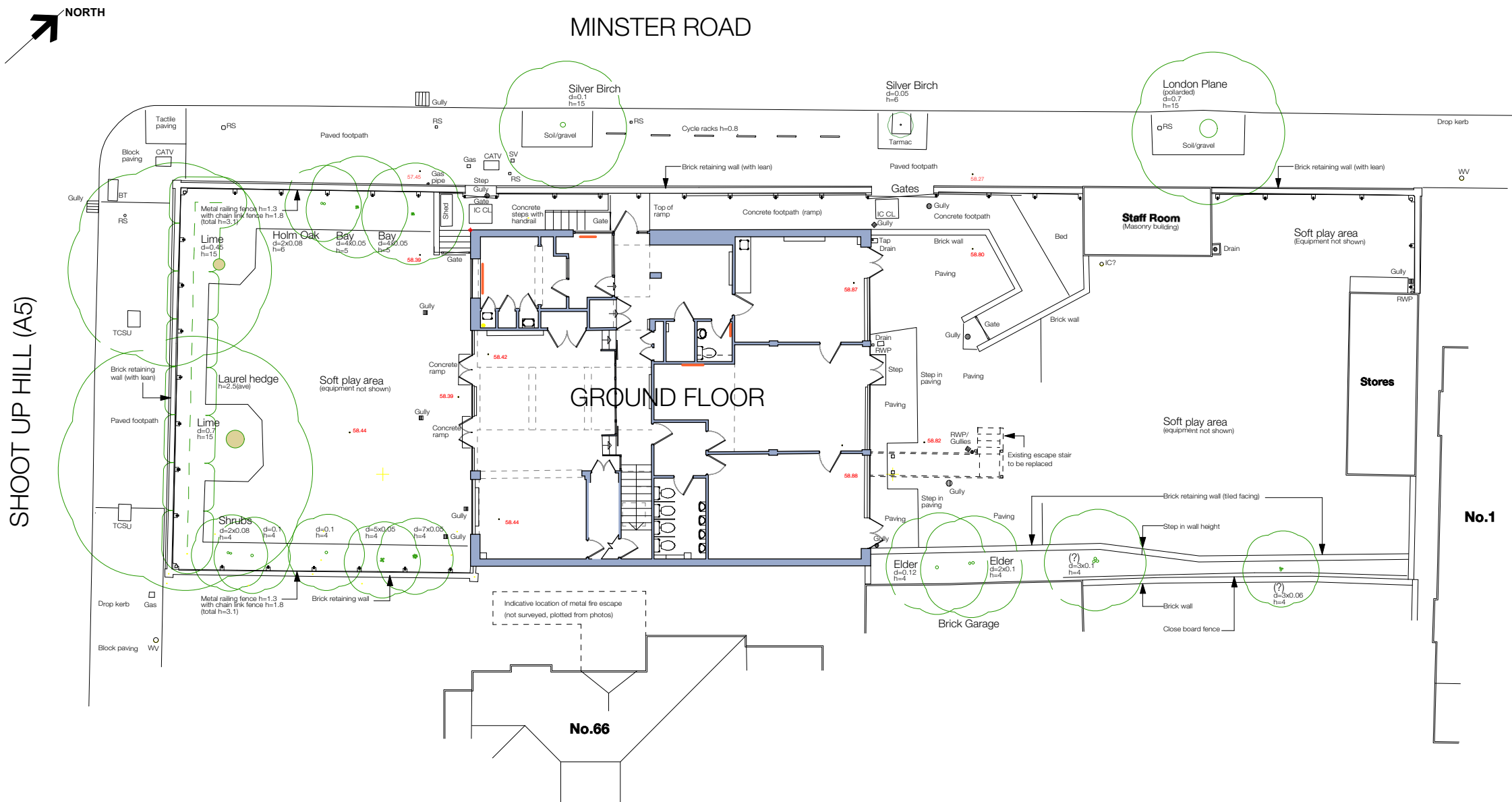
Drawn by: NB/AB

Date: 2/9/2015

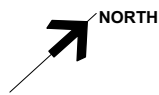


Site Plan : Existing

Scale 1:200



1:200 0m 1m 5m 10m



MINSTER ROAD

Andris Berzins + Associates

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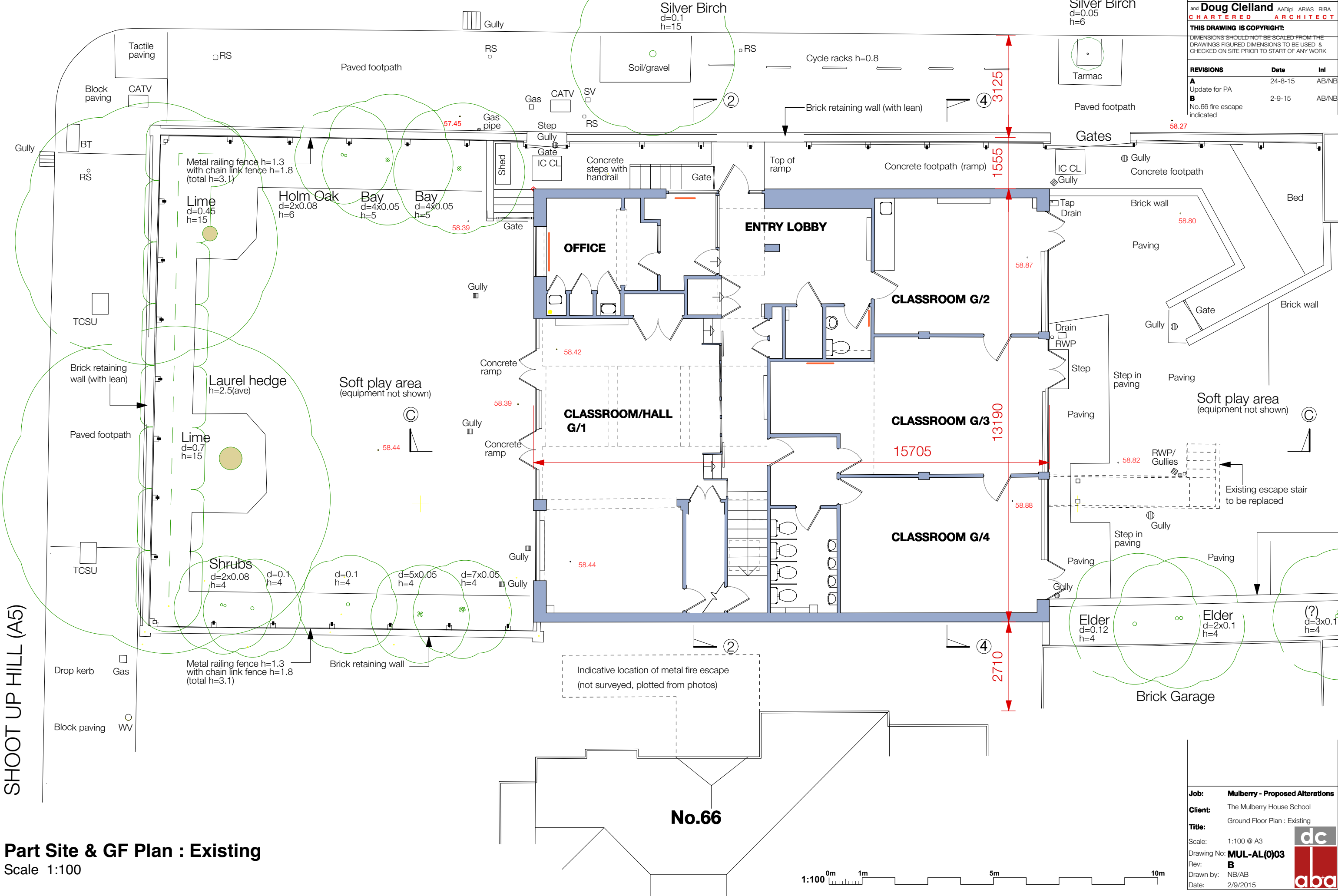
4 DARTMOUTH PARK ROAD LONDON NW5 1SY
Tel: 020 7485 3133 Email: ab@aba-architects.uk

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REVISIONS	Date	Ini
A Update for PA	24-8-15	AB/NB
B No.66 fire escape indicated	2-9-15	AB/NB



Part Site & GF Plan : Existing
Scale 1:100

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: Ground Floor Plan : Existing

Scale: 1:100 @ A3

Drawing No: MUL-AL(0)03

Rev: B

Drawn by: NB/AB

Date: 2/9/2015

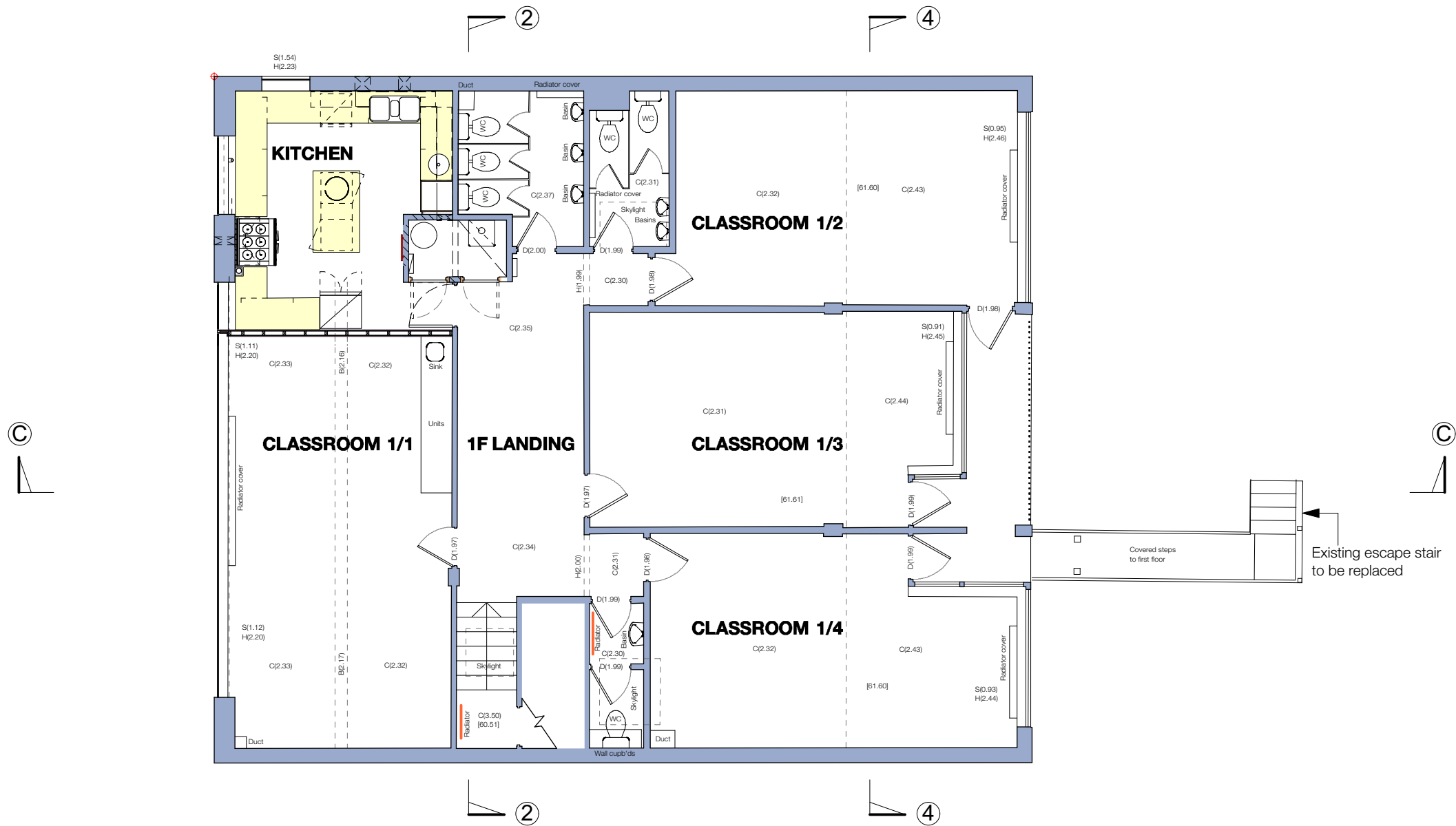
dc

aba



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REVISIONS	Date	Int
A Phase 1 internal alterations to Kitchen Summer Aug 2015 shown	24-8-15	AB/NB
B Graphics; kitchen	2-9-15	AB/NB



First Floor Plan : Existing
Scale 1:100



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REVISIONS	Date	Ini
A Update elevation	24-8-15	AB/NB
B Update elevation	2-9-15	AB/NB



Street Elevation Proposed : Shoot Up Hill
Scale 1:200

1:200 0m 1m 5m 10m



Andris Berzins + Associates

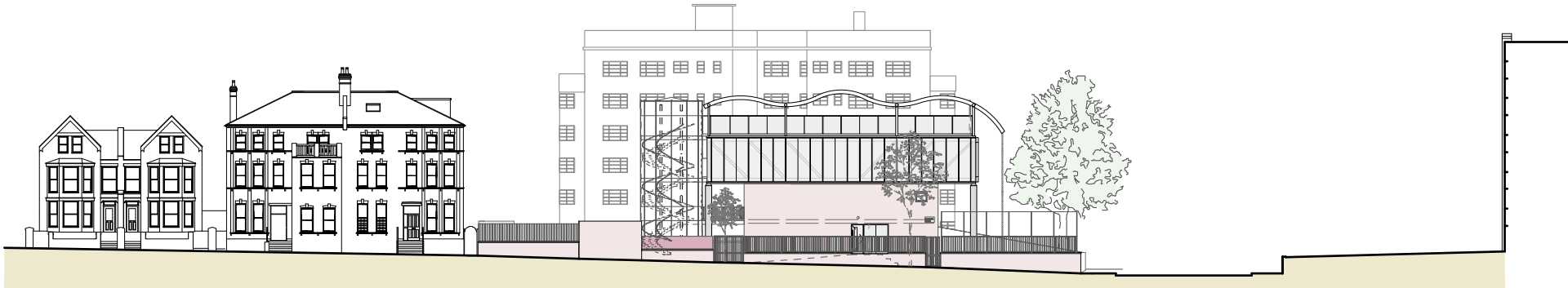
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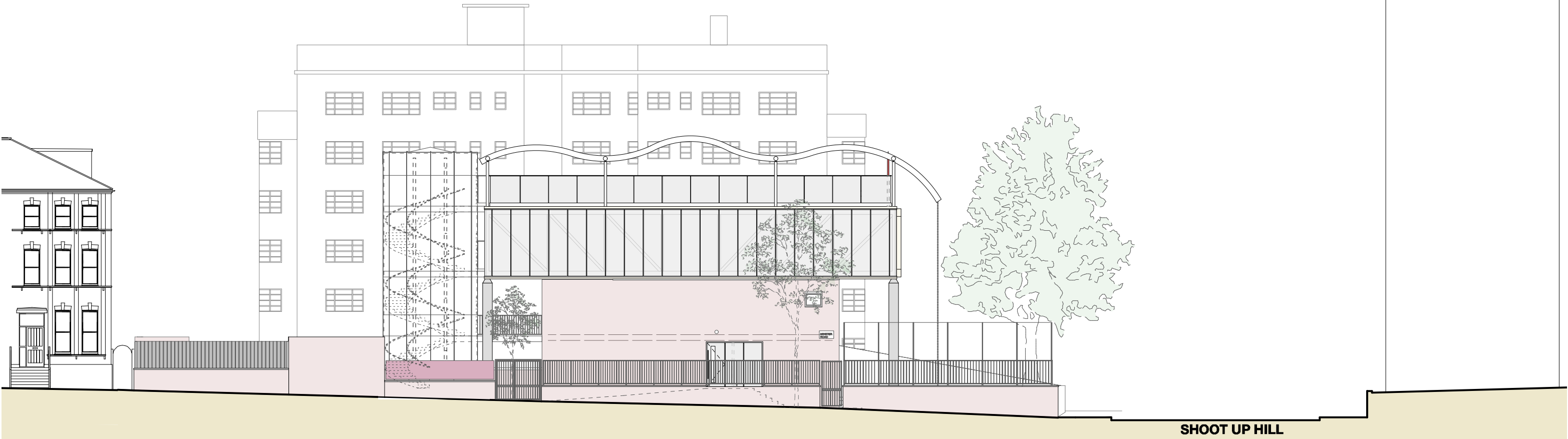
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REVISIONS	Date	Ini
A	24-8-15	AB/NB
Update elevation		
B	2-9-15	AB/NB
Update elevation		



Scale 1:500
1:500 0m 10m



SHOOT UP HILL

MINSTER ROAD

Street Elevation Proposed : Minster Road

Scale 1:200

1:200 0m 1m 5m 10m

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: Street Elevation Proposed :
Minster Road

Scale: 1:200/500 @ A3

Drawing No: **MUL-AL(0)06**

Rev: **B**

Drawn by: NB/AB

Date: 2/9/2015

dc

aba



Perspective from Shoot Up Hill : Proposed
Scale N.T.S.

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REVISIONS	Date	Ini
A Update perspective	2-9-15	AB/NB

Job: Mulberry - Proposed Alterations
Client: The Mulberry House School
Title: Perspective from Shoot Up Hill : Proposed
Scale: N.T.S.
Drawing No: MUL-AL(0)07
Rev: A
Drawn by: NB/AB
Date: 2/9/2015



Scale N.T.S.



MINSTER ROAD

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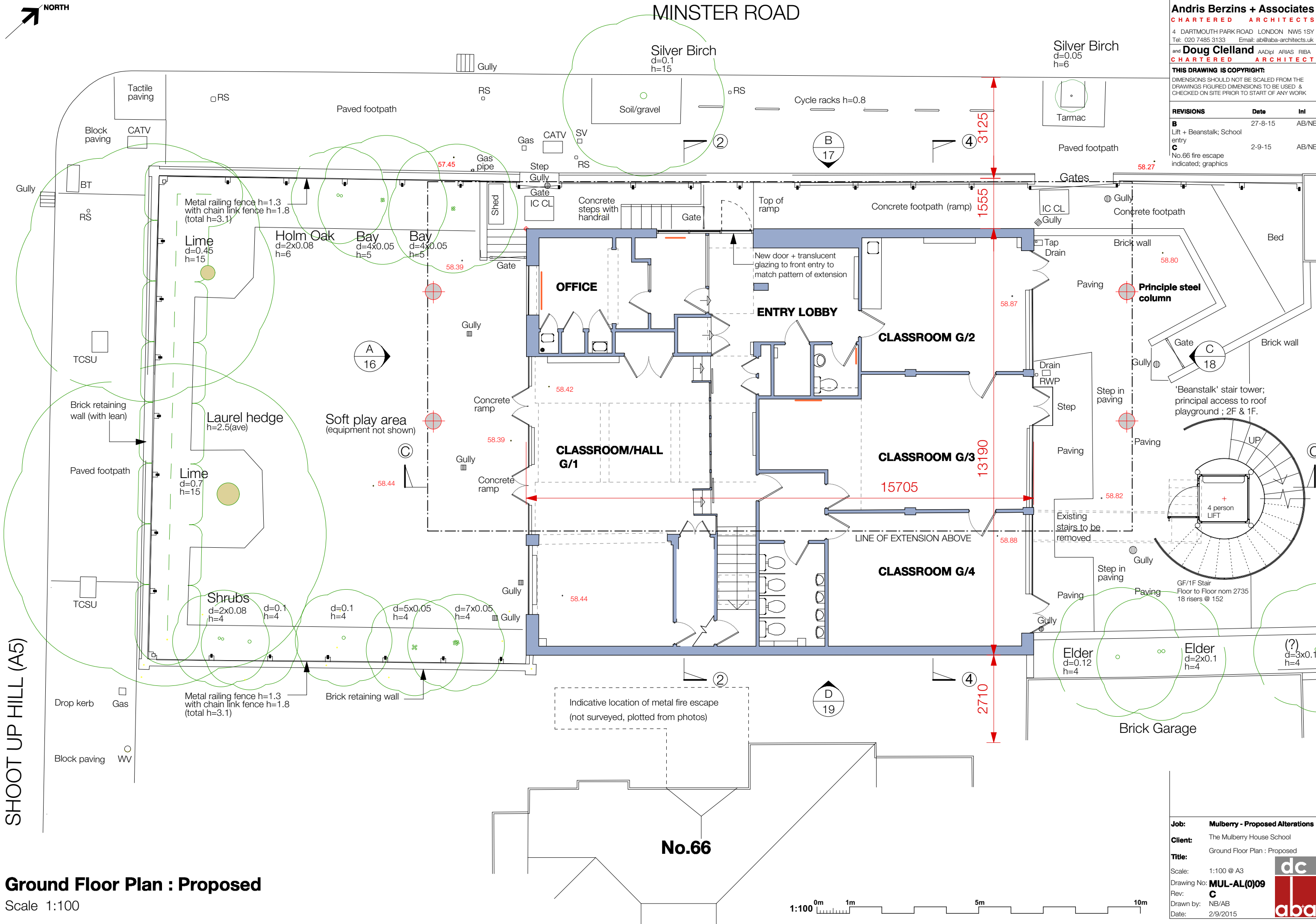
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REVISIONS	Date	Ini
B Lift + Beanstalk; School entry	27-8-15	AB/NB
C No.66 fire escape indicated; graphics	2-9-15	AB/NB

SHOOT UP HILL (A5)

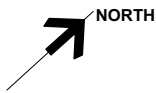
Ground Floor Plan : Proposed

Scale 1:100



Job:	Mulberry - Proposed Alterations
Client:	The Mulberry House School
Title:	Ground Floor Plan : Proposed
Scale:	1:100 @ A3
Drawing No:	MUL-AL(0)09
Rev:	C
Drawn by:	NB/AB
Date:	2/9/2015





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REVISIONS	Date	Ini
A Column locations; external stair; Phase 1 works	13-8-15	AB/NB
B New internal + external stair risers; lift structure; notes for PA	24-8-15	AB/NB
C Lift + Beanstalk	27-8-15	AB/NB
D Graphics; kitchen	2-9-15	AB/NB

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: First Floor Plan : Proposed

Scale: 1:100 @ A3

Drawing No: MUL-AL(0)10

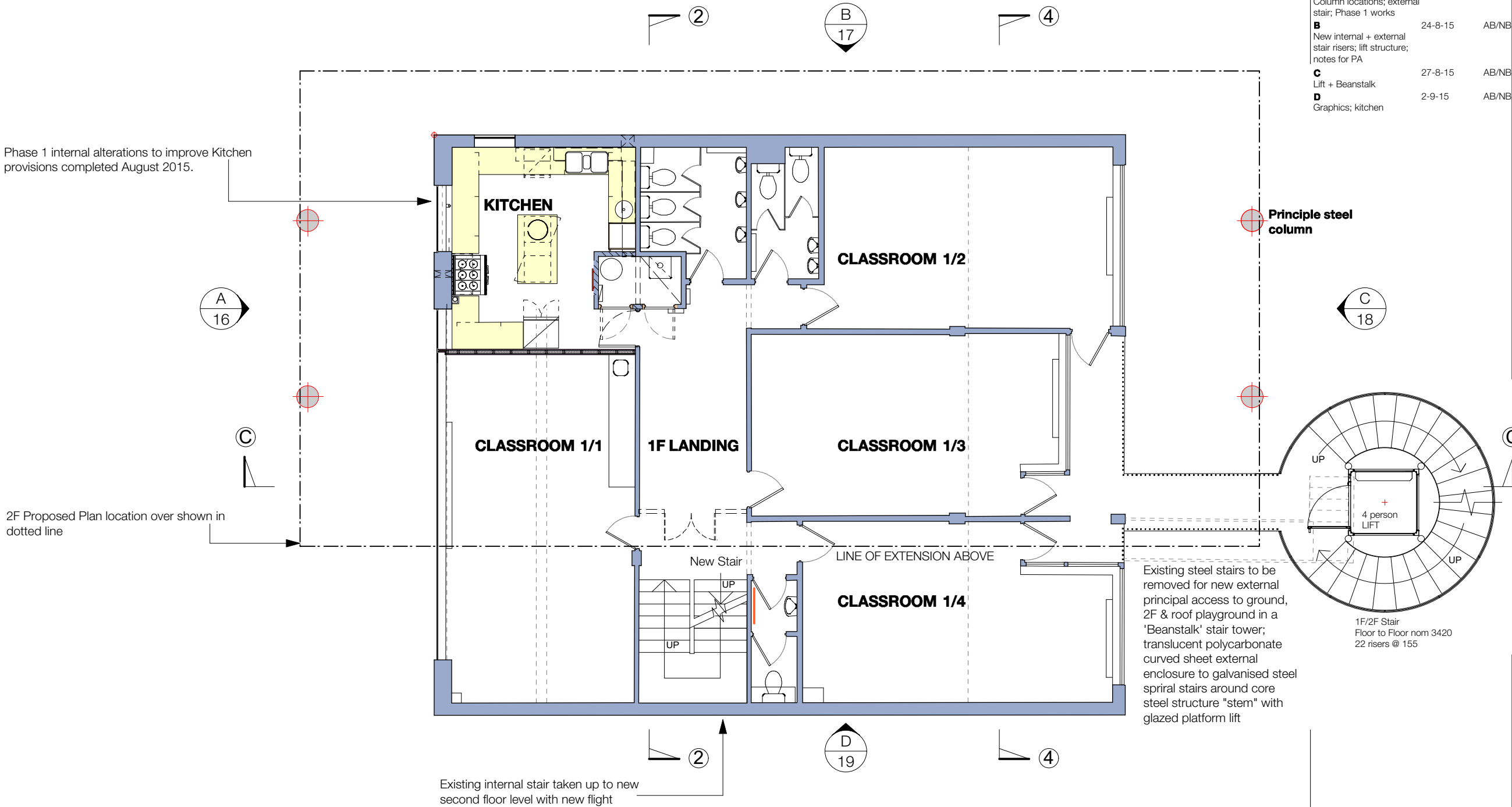
Rev: D

Drawn by: NB/AB

Date: 2/9/2015

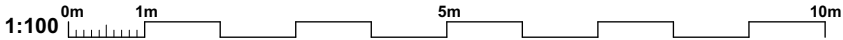
dc

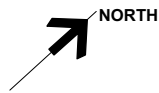
aba



First Floor Plan : Proposed

Scale 1:100



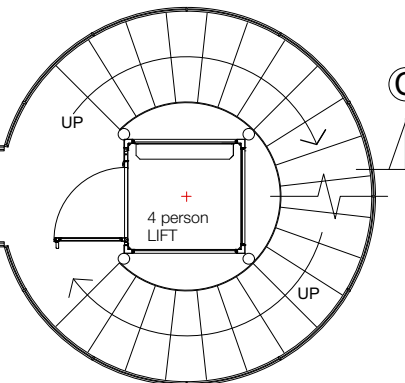


REVISIONS	Date	Ini
A Column location; facades A+C modified; c/l dimensions; internal stair enclosure; external stair	13-8-15	AB/NB
B Update internal + external stair risers; internal windows; lift structure; note for PA	24-8-15	AB/NB
C Lift + Beanstalk; update steel to SE info; bay window	27-8-15	AB/NB
D Update steel to SE info; graphics; toilet SVP	2-9-15	AB/NB

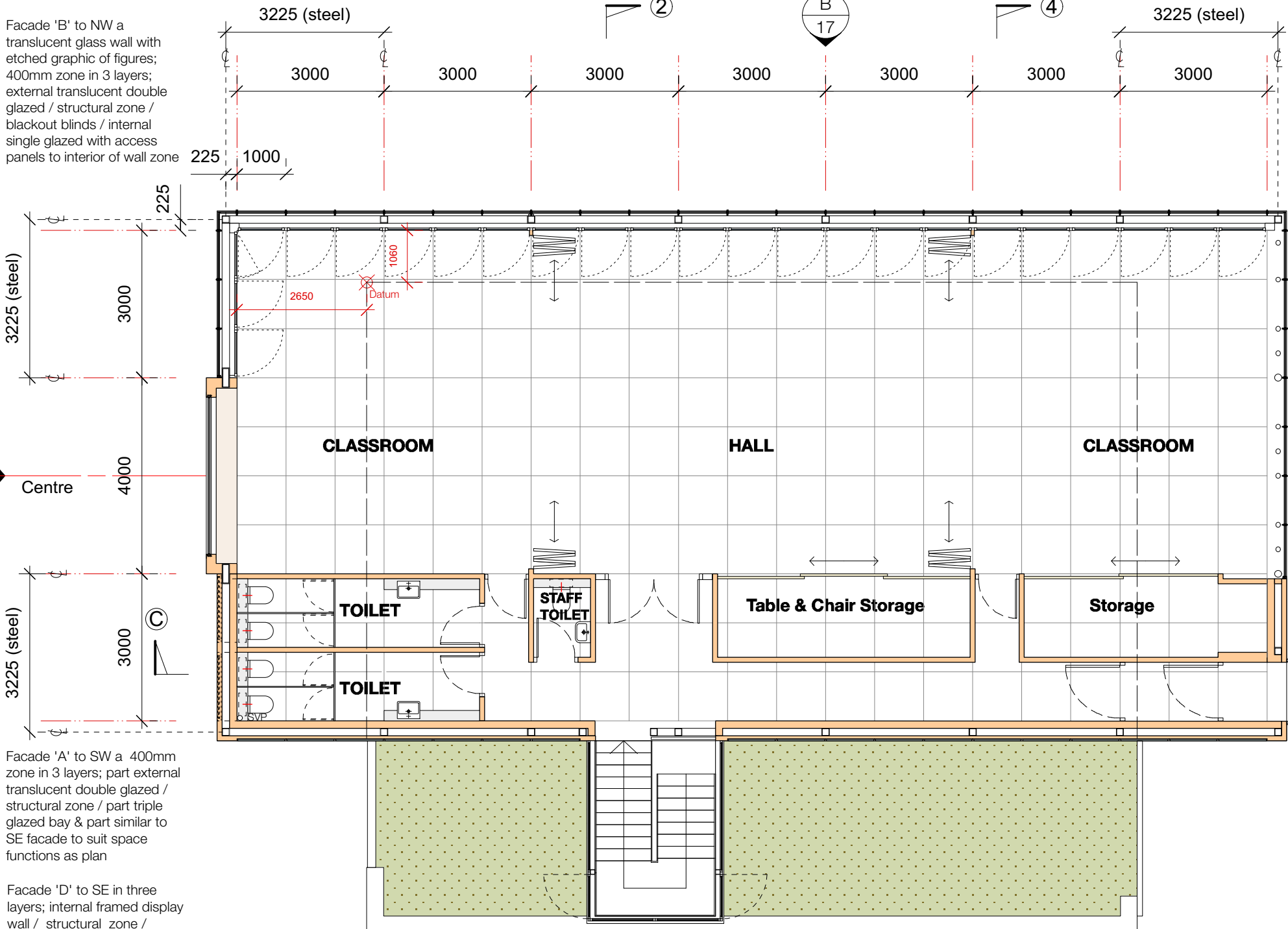
Facade 'C' to NE clear
double glazed with "trees"
and internal blackout
blinds

'Beanstalk' stair tower;
translucent polycarbonate
curved sheet external
enclosure to galvanised
steel spiral stairs around
core steel structure "stem"
with glazed platform lift

External principal access
to floors & roof
playground.



2F/Roof Stair
Floor to Floor nom 3435
22 risers @ 156



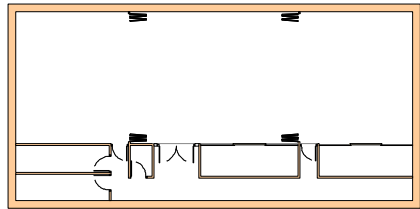
Facade 'B' to NW a
translucent glass wall with
etched graphic of figures;
400mm zone in 3 layers;
external translucent double
glazed / structural zone /
blackout blinds / internal
single glazed with access
panels to interior of wall zone

Facade 'A' to SW a 400mm
zone in 3 layers; part external
translucent double glazed /
structural zone / part triple
glazed bay & part similar to
SE facade to suit space
functions as plan

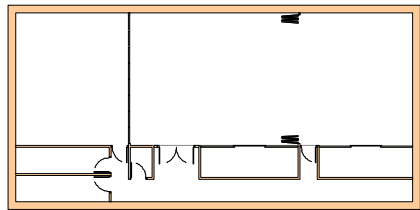
Facade 'D' to SE in three
layers; internal framed display
wall / structural zone /
external framed wall similar to
other facades with photo
voltaic panels and strip double
glazing

Internal stair raised with new flight
up to 2F enclosed in translucent
double glazing; with the existing flat
roofs either side reclad to form
meadow flower green roofs

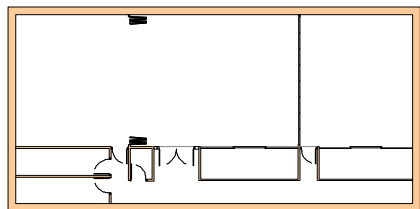
SPACE ARRANGEMENTS



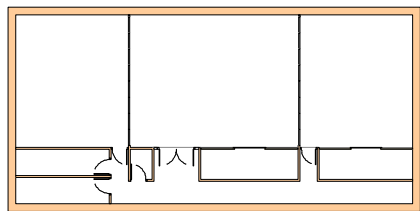
Full open large Hall



SW Classroom with two thirds Hall



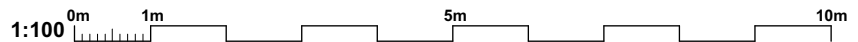
NE Classroom with two thirds Hall



Two Classrooms with small Hall

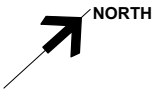
Second Floor Plan : Proposed New Accommodation

Scale 1:100



Job:	Mulberry - Proposed Alterations
Client:	The Mulberry House School
Title:	Second Floor Plan : Proposed
Scale:	1:100 @ A3
Drawing No:	MUL-AL(0)11
Rev:	D
Drawn by:	NB/AB
Date:	2/9/2015





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REVISIONS	Date	Ini
A Roof columns; balustrade	13-8-15	AB/NB
B Roof canopy size; beam sizes; lift structure; note for PA	24-8-15	AB/NB
C SVP to roof; graphics	2-9-15	AB/NB

Access to floors & roof playground.

'Beanstalk' stair tower; translucent polycarbonate curved sheet external enclosure to galvanised steel spiral stairs around core steel structure "stem" with glazed platform lift

Job:Mulberry - Proposed Alterations

Client:The Mulberry House School

Title:Third Floor Plan : Proposed Roof Play Area

Scale:1:100 @ A3

Drawing No:**MUL-AL(0)12**

Rev:**C**

Drawn by:NB/AB

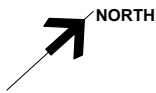
Date:2/9/2015

dc

aba

Third Floor Plan : Proposed Roof Playground Area

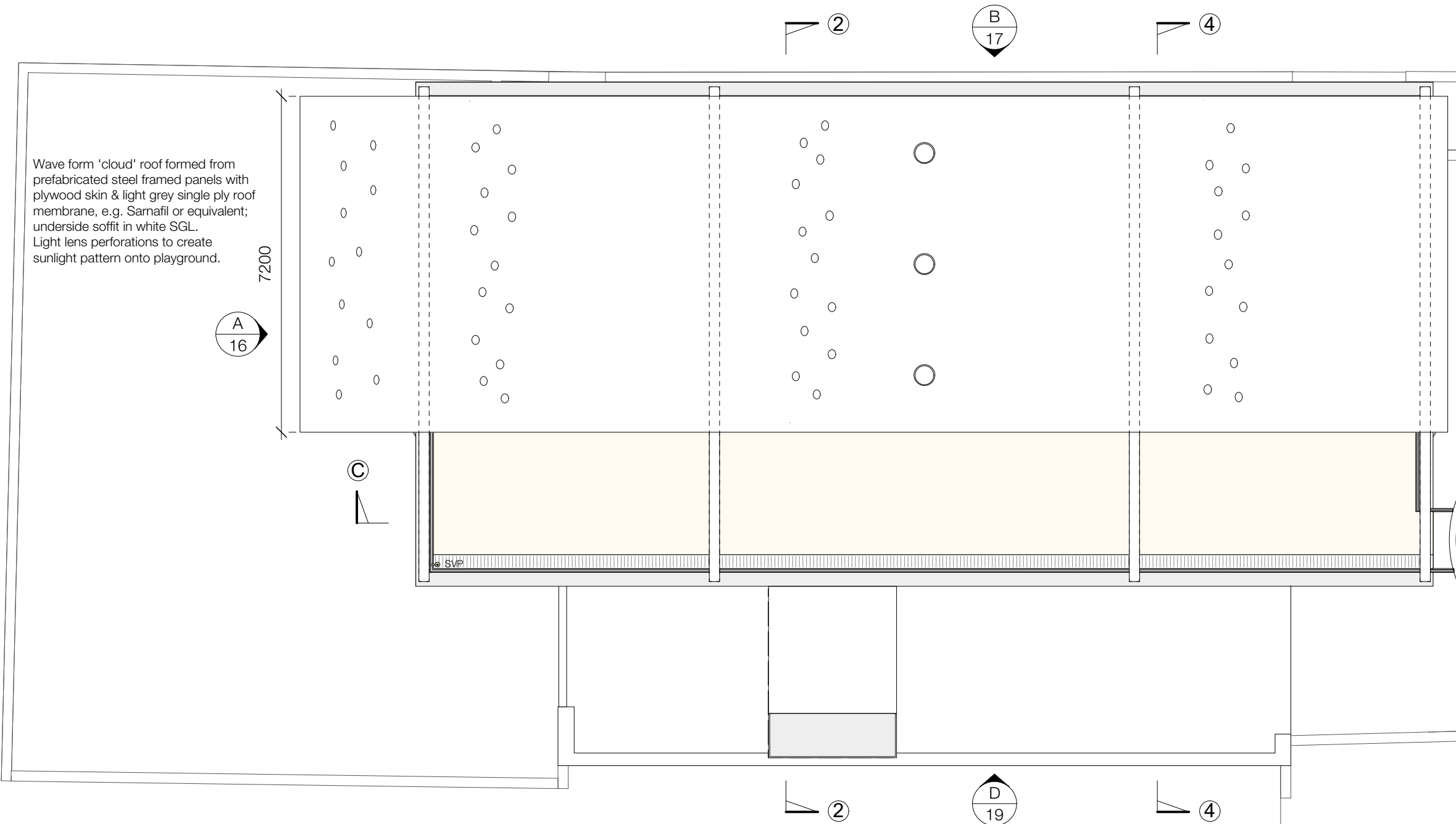
Scale 1:100



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REVISIONS	Date	Ini
A Roof structure	13-8-15	AB/NB
B Roof canopy width; beam sizes; notes for PA	24-8-15	AB/NB
C SVP to roof; graphics	2-9-15	AB/NB

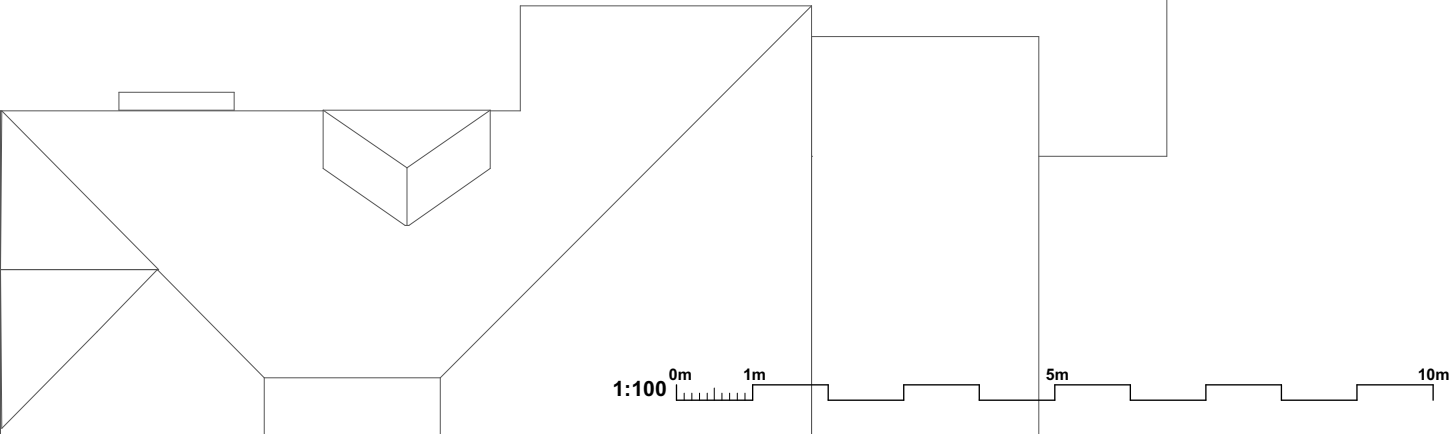


Wave form 'cloud' roof formed from prefabricated steel framed panels with plywood skin & light grey single ply roof membrane, e.g. Sarnafil or equivalent; underside soffit in white SGL. Light lens perforations to create sunlight pattern onto playground.

Access stair to roof playground.

'Beanstalk' stair tower; translucent polycarbonate external enclosure with low pitched conical metal roof and secret gutter

Roof Plan : Proposed Cover to Playground
Scale 1:100



Job: Mulberry - Proposed Alterations
Client: The Mulberry House School
Title: Roof Plan : Proposed
Scale: 1:100 @ A3
Drawing No: MUL-AL(0)13
Rev: NB/AB
Drawn by: C
Date: 2/9/2015



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REVISIONS	Date	Ini
A Column locations; update section; existing section updated from measured survey; stair enclosure; roof structure	14-8-15	AB/NB
B Roof canopy structure; internal stair; graphics; notes for PA	24-8-15	AB/NB
C Notes; GF entry	27-8-15	AB/NB

Job:

Mulberry - Proposed Alterations

Client:

The Mulberry House School

Title:

Section 2-2 : Proposed

Scale:

1:100 @ A3

Drawing No:

MUL-AL(0)14-1

Rev:

C

Drawn by:

NB/AB

Date:

27/8/2015

dc

aba

Proposed Cross Section 2-2 : Existing & Extension

Scale 1:100

Wave form 'cloud' roof formed from prefabricated steel framed panels with plywood skin & light grey single ply roof membrane, e.g. Sarnafil or equivalent; underside soffit in white SGL. Light lens perforations to create sunlight pattern onto playground.

High balustrades to Playroof to be in translucent glazing

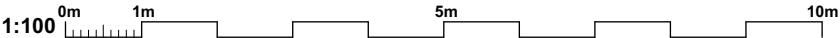
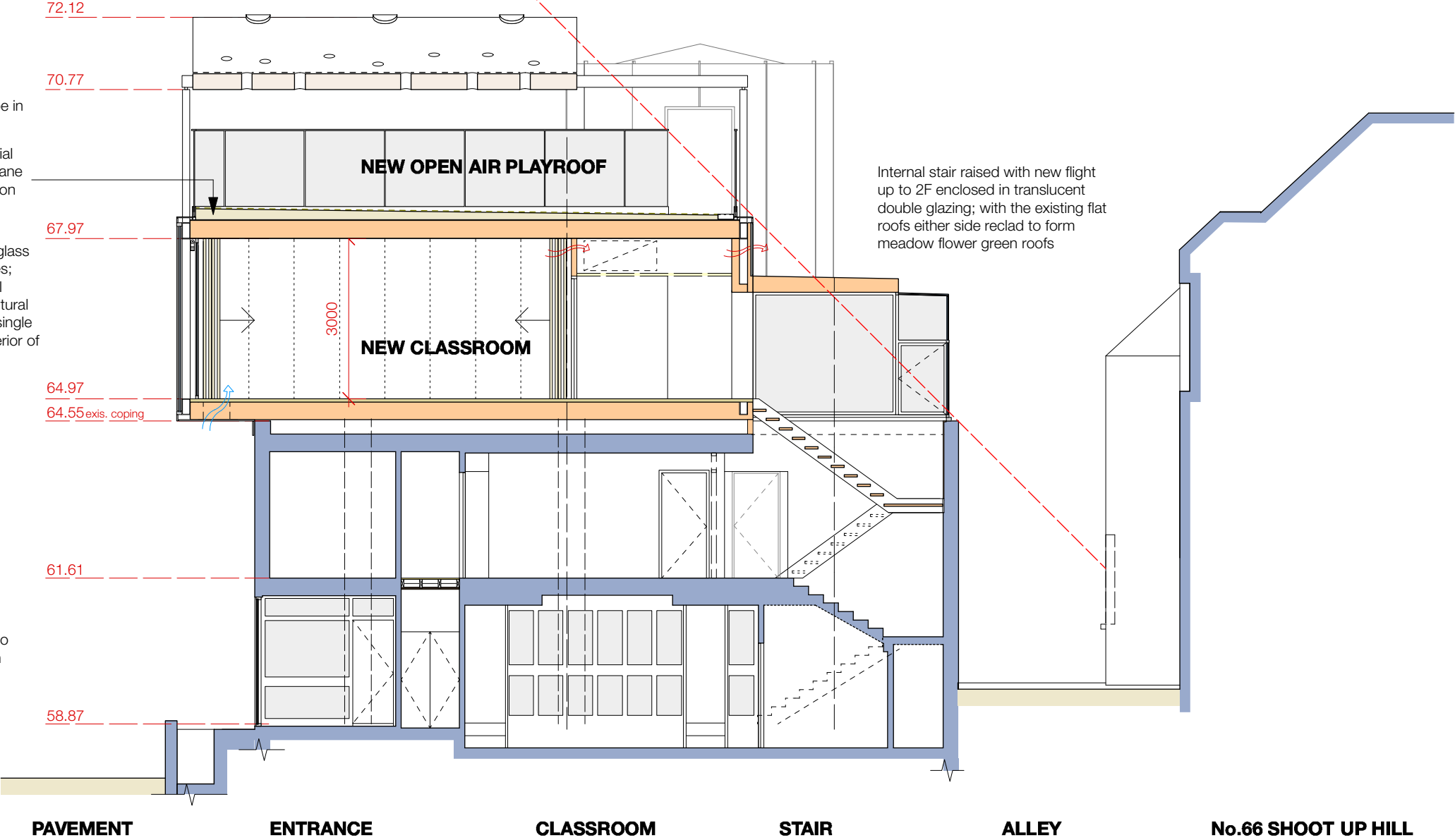
Child friendly surface using artificial grass mat over single ply membrane laid "flat" to minimal one way fall on warm deck insulated roof

Facade 'B' to NW a translucent glass wall with etched graphic of figures; 400mm zone in 3 layers; external translucent double glazed / structural zone / blackout blinds / internal single glazed with access panels to interior of wall zone

New door + translucent glazing to ground floor main entry to match pattern of extension

45° Light angle taken from existing parapet on SE elevation and boundary wall to Nr.66

Internal stair raised with new flight up to 2F enclosed in translucent double glazing; with the existing flat roofs either side reclad to form meadow flower green roofs



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REVISIONS	Date	Ini
A	27-8-15	AB/NB

Notes

Job: Mulberry - Proposed Alterations

Client: The Mulberry House School

Title: Section 4-4 : Proposed

Scale: 1:100 @ A3

Drawing No: MUL-AL(0)14-2

Rev: A

Drawn by: NB/AB

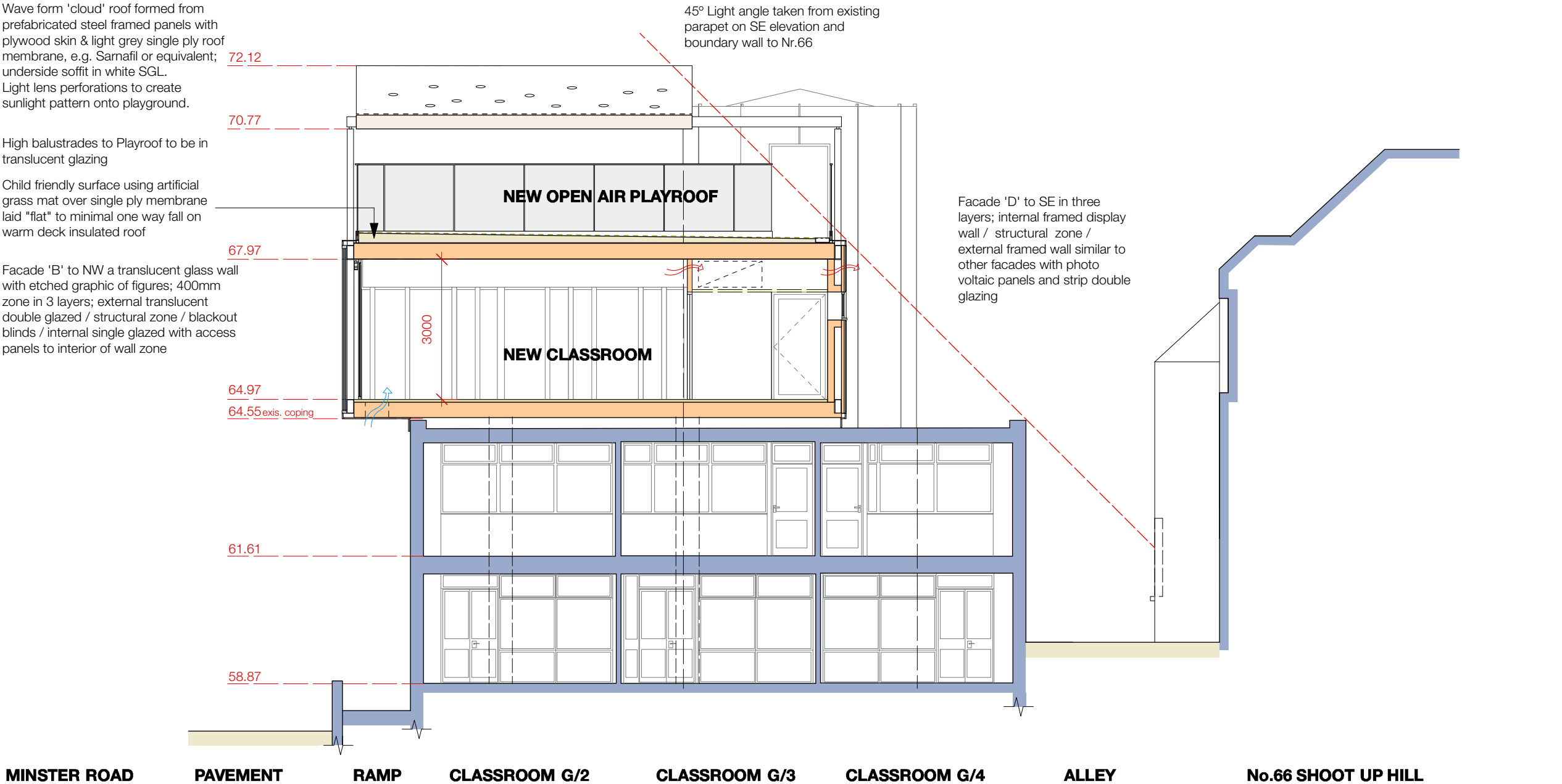
Date: 27/8/2015

dc

aba

Proposed Cross Section 4-4 : Existing & Extension

Scale 1:100



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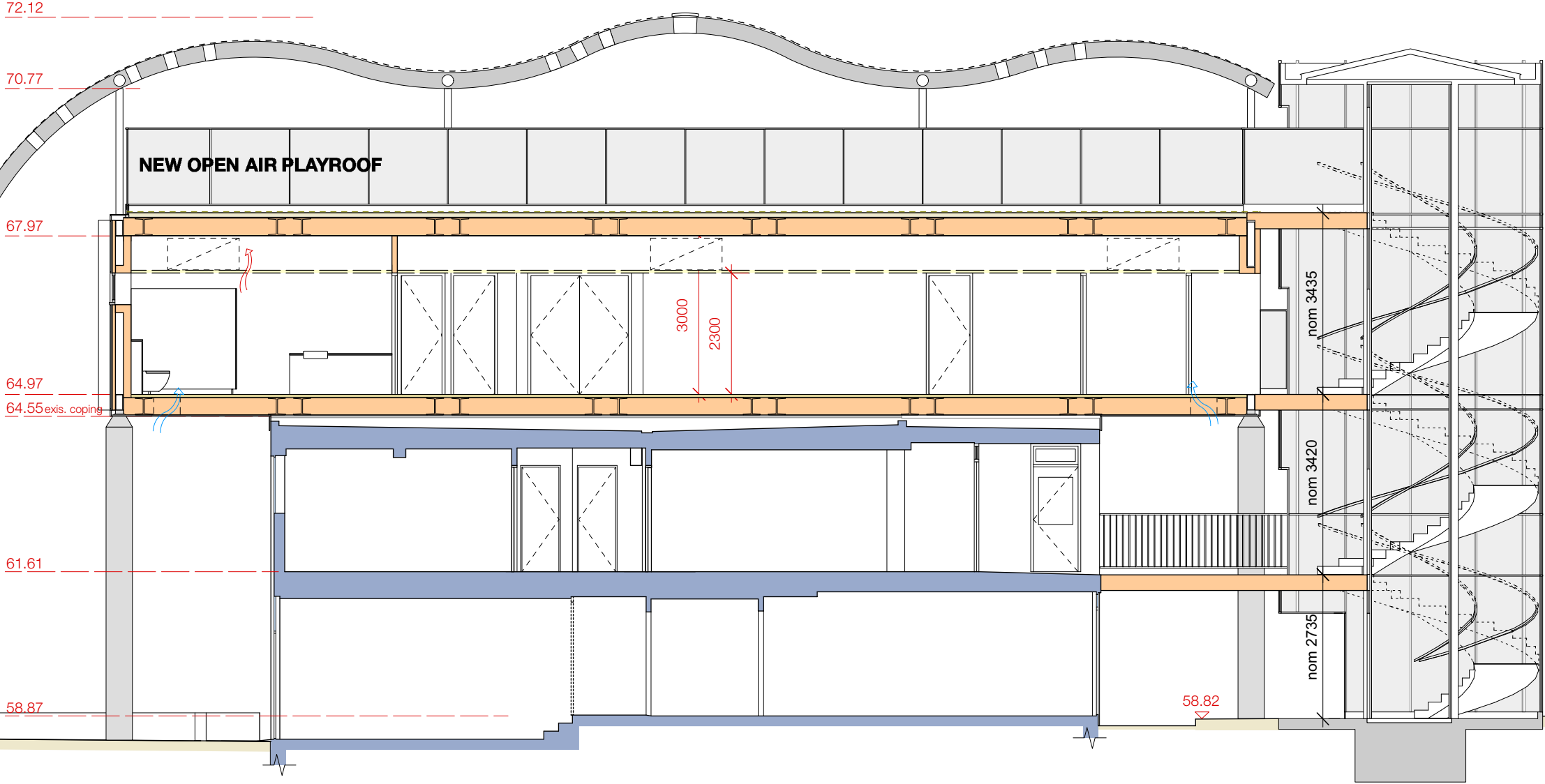
REVISIONS	Date	Ini
A Update section; existing section updated from measured survey; roof structure	14-8-15	AB/NB
B Roof canopy structure; rain water chain to canopy; beanstalk stair; graphics; notes for PA	24-8-15	AB/NB
C Notes; Beanstalk	27-8-15	AB/NB
D Graphics; truss members	2-9-15	AB/NB

Wave form 'cloud' roof formed from prefabricated steel framed panels with plywood skin & light grey single ply roof membrane, e.g. Sarnafil or equivalent; underside soffit in white SGL. Light lens perforations to create sunlight pattern onto playground.

Facade 'A' to SW a 400mm zone in 3 layers; part external translucent double glazed / structural zone / part triple glazed bay & part similar to SE facade to suit space functions as plan

Single chain rain water disposal from 'cloud' above

Note: existing boundary trees and fence not shown for clarity



'Beanstalk' stair tower; translucent polycarbonate curved sheet external enclosure to galvanised steel spiral stairs around core steel structure "stem" with glazed platform lift

External principal access to floors & roof playground.

PLAYGROUND ADJACENT TO SHOOT UP HILL

CLASSROOM G/1

CLASSROOM G/3

REAR PLAYGROUND

SPACE ARRANGEMENTS



Full open large Hall



SW Classroom with two thirds Hall



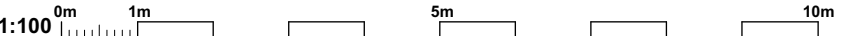
NE Classroom with two thirds Hall



Two Classrooms with small Hall

Proposed Longitudinal Section C-C : Existing & Extension

Scale 1:100

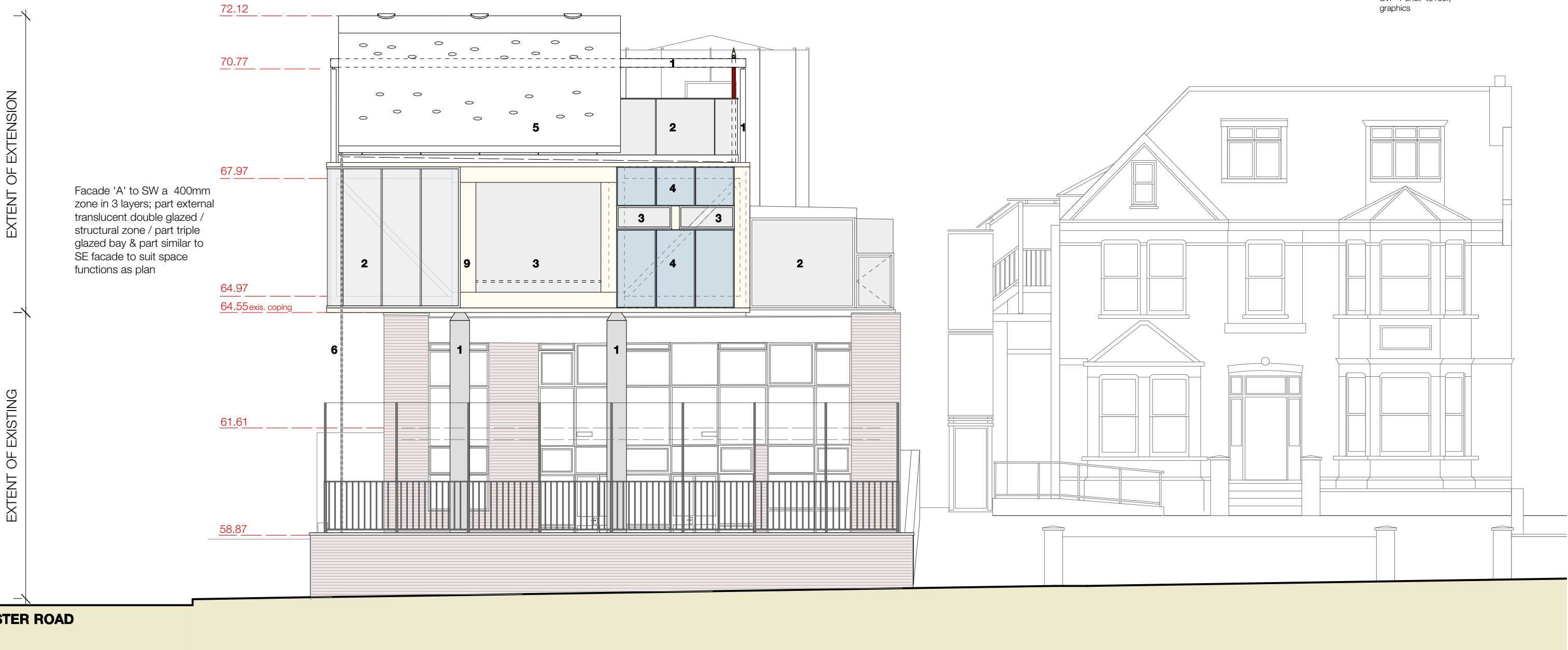


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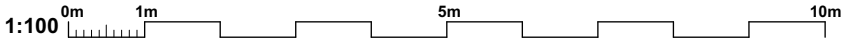
REVISIONS	Date	Inl
A Column locations; glazing; centerline dimensions; update existing school elevation; roof structure	13-8-15	AB/NB
B Roof canopy structure; rain water chain to canopy; graphics; notes for PA	24-8-15	AB/NB
C Notes; bay window	27-8-15	AB/NB
D Update truss from SE info; SVP 'Pencil' to roof; graphics	2-9-15	AB/NB

- MATERIALS FOR EXTENSION:
- 1: White painted steel columns and beams
 - 2: Translucent glass
 - 3: Clear glass
 - 4: Photovoltaic panels to generate renewable energy (electricity)
 - 5: Grey membrane roof with glass lenses
 - 6: Chain
 - 7: White PPC aluminium
 - 8: Translucent polycarbonate sheets
 - 9: Honey coloured anodised aluminium panels and dressings
 - 10: Honey coloured anodised aluminium glazing/cladding frames

Facade 'A' to SW a 400mm zone in 3 layers; part external translucent double glazed / structural zone / part triple glazed bay & part similar to SE facade to suit space functions as plan



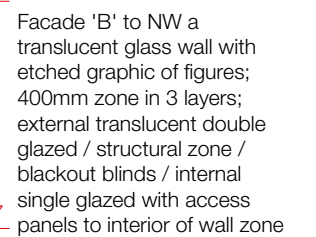
Elevation A : Proposed : Viewed from Shoot Up Hill
Scale 1:100



Job:	Mulberry - Proposed Alterations
Client:	The Mulberry House School
Title:	Elevation A : Proposed
Scale:	1:100 @ A3
Drawing No:	MUL-AL(0)16
Rev:	D
Drawn by:	NB/AB
Date:	2/9/2015



10: Honey coloured anodised aluminium glazing/cladding frames



New translucent glass door with vision panel + translucent glazing to ground floor main entry to match pattern of extension

Elevation B : Proposed : View from Minster Road

1:100 0m 1m 5m 10m

- 1: White painted steel columns and beams
- 2: Translucent glass
- 3: Clear glass
- 5: Grey membrane roof with glass lenses
- 7: White PPC aluminium
- 8: Translucent polycarbonate sheets
- 9: Honey coloured anodised aluminium panels and dressings
- 10: Honey coloured anodised aluminium glazing/cladding frames



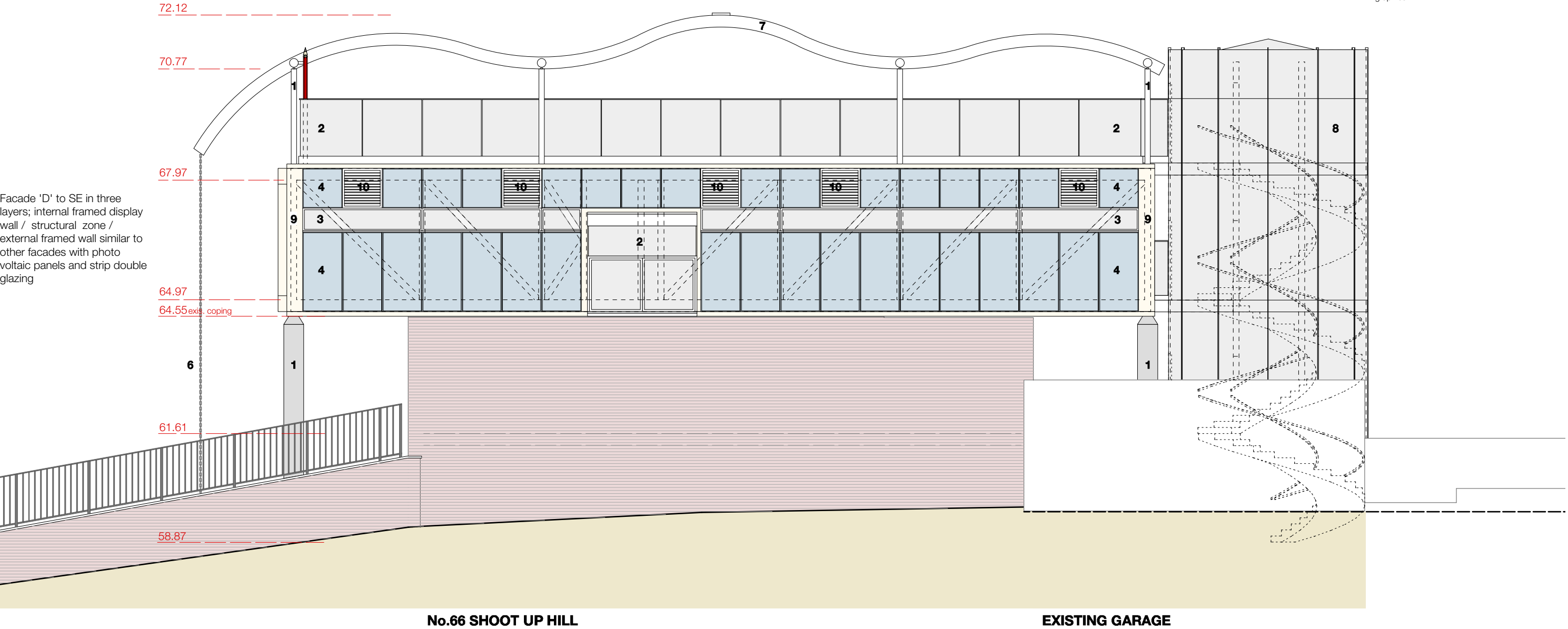
1:100 0m 1m 5m 10m

Job: Mulberry - Proposed Alterations
Client: The Mulberry House School
Elevation C : Proposed
Title:
Scale: 1:100 @ A3
Drawing No: **MUL-AL(0)18**
Rev: **D**
Drawn by: NB/AB
Date: 2/9/2015

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DRAWINGS FIGURED DIMENSIONS TO BE USED &
CHECKED ON SITE PRIOR TO START OF ANY WORK

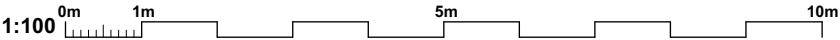
REVISIONS	Date	Ini
A Glazing; centerline dimensions; update existing school elevation; roof structure	13-8-15	AB/NB
B Roof canopy structure; beanstalk stair; graphics; notes for PA	24-8-15	AB/NB
C Notes; steel frame to SE info	27-8-15	AB/NB
D SVP 'Pencil' to roof; graphics	2-9-15	AB/NB

- MATERIALS FOR EXTENSION:
- 1: White painted steel columns and beams
 - 2: Translucent glass
 - 3: Clear glass
 - 4: Photovoltaic panels to generate renewable energy (electricity)
 - 5: Grey membrane roof with glass lenses
 - 6: Chain
 - 7: White PPC aluminium
 - 8: Translucent polycarbonate sheets
 - 9: Honey coloured anodised aluminium panels and dressings
 - 10: Honey coloured anodised aluminium glazing/cladding frames and grilles



Elevation D : Proposed : Viewed from grounds of neighbouring building at no.66 Shoot Up Hill

Scale 1:100



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REVISIONS	Date	Ini
A Update section + roof steel member sizes; curve geometry	14-8-15	AB/NB
B Roof steel members; curve geometry	24-8-15	AB/NB
C Update section	2-9-15	AB/NB

Job:

Mulberry - Proposed Alterations

Client:

The Mulberry House School

Title:

Geometry of Upper Roof

Scale:

1:100 @ A3

Drawing No:

MUL-AL(0)20

Rev:

C

Drawn by:

NB/AB

Date:

2/9/2015

dc

aba

This architectural section drawing illustrates the proposed alterations to the upper roof of the Mulberry House School. The drawing shows a cross-section of the building, including the roof structure, internal floor levels, and a spiral staircase on the right. The roof profile is defined by a series of overlapping circular arcs, with a dashed line indicating the existing roofline and a solid line showing the proposed new profile. Elevation markers are provided along the left and right sides of the section, with values such as 72.12, 70.77, 67.97, 64.97, 64.55 (existing coping), 61.61, 58.87, and 58.82. A 60.0° angle is indicated for a specific roof slope. Internal dimensions of 3000 and 2300 are shown for the main floor area. The drawing is overlaid with a grid of dashed red circles, which are used to define the geometry of the curved roof. The drawing is titled 'Generation of the geometry of the Play Area Roof:' and is scaled at 1:100.

Generation of the geometry of the Play Area Roof:
Scale 1:100

1:100 0m 1m 5m 10m