

Steel Fencing System.
Spec Ref: 25-20-30/145 - Metal mesh panel fencing system

New Precast concrete coping
Spec Ref: 45-25-75/G14

DPC
Spec Ref: 45-25-20/305 - Bitumen based damp proof courses

200x100x5 RHS fixed to RC slab and set
within new masonry piers to SE detail

Fixing plate fixed into brickwork with resin bonded fixings

Fence post cranked

Lead flashing (to conceal membrane)

Bitumen compatible mastic

Angled termination bar resin fixed @ 300mm centres

215mm facing brickwork bonding to match existing clay
yellow stock brick.

Spec Ref: 25-10-55/150 - Masonry external leaf system

Blue Roof Build-up.
Ref: 20-50-30/135 - Liquid applied inverted roof covering system - type C

Filter fleece. Radmat G12

Reservoir & Drainage Board. Radmat D80

Filter Membrane. Radmat G13

Radmat AttenU8 (85mm)

ProTherm Grey Thermal Sheet

200mm extruded polystyrene rigid insulation
board to achieve 0.18W/m²K U-value.

ProTherm G Xenergy SL-EP

PermaQuick6100 with Radmat texa protection sheet
(part of the blue roof system)

Planters incl. soil build-up and planting (to
Landscape architects details)

Semi Permeable Geo Textile Liner (part of the planter system)

New lead flashing on building paper on 25mm WPB plywood

New DPC
Spec Ref: 45-25-20/305 - Bitumen based damp proof courses

Existing solid masonry boundary wall with brick on end course to
top over slate tile dpc.

Timber packer

20mm min. gap

EshaGum P14

20mm high density polyethylene joint filler board

200mm concrete composite deck (Comfor system)
with easy float finish, supported off steel plates
welded to the web of the beams (to S.E details)

Structural steelwork (to S.E details)

Waterproof render. Thickness varies to suit
substrate. Spec Ref: 25-90-85/110 -
Cementitious proprietary mortar slurry internal
wall damp-proofing system - Type X1

EXTERIOR

INTERIOR

1
5143

Detail 01 - Blue roof / boundary wall junction

1:5 Specification Ref: Liquid applied inverted roof covering system type C 20-50-30/135

Blue Roof Build-up. Spec Ref: 20-50-30/135 - Liquid applied
inverted roof covering system - type C

ROOF

2
5143

Detail 02 - Blue roof / new door threshold junction

1:5

50mm layer of ballast between timber joists to provide
min. 80kg/m² loading to weigh down the insulation.
Where planters are located decking and ballast layer
are replaced with planter on filter fleece Radmat G12
Reservoir and drainage board Radmat D80 filter
membrane Radmat G13. Refer to landscape architects
proposal for location of planters
Spec. Ref: 45-55-06/342 - Decorative aggregates for
loose surfacing

Filter Membrane. Radmat G13.
Radmat AttenU8 (85mm)
ProTherm Grey Thermal Sheet

200mm extruded polystyrene rigid insulation
board to achieve 0.18W/m²K U-value.
ProTherm G Xenergy SL-EP

PermaQuick6100 with Radmat texa protection sheet

Internal finish floor level 01 - First
28280

Concrete threshold

New brickwork below threshold

EshaGum P14

20mm high density polyethylene joint filler
board

EXTERIOR

INTERIOR

Existing window sill beyond

Lead flashing set into existing masonry
to conceal membrane

Angle termination bar resin fixed @ 300mm centres

Existing masonry wall

Semi permeable geo textile liner (Part of planter system)

Planters incl. soil build-up and planting (to
Landscape architects details)

See Detail 2 above for threshold junction
with new door

01 - First
28280

PermaQuick6100 with Radmat texa protection sheet
(part of the blue roof system)

20mm high density polyethylene joint filler
board

EshaGum P14

Structural steelwork (to S.E details)

200mm concrete composite deck (Comfor system)
with easy float finish, (to S.E details)

Existing solid masonry

INTERIOR

3
5143

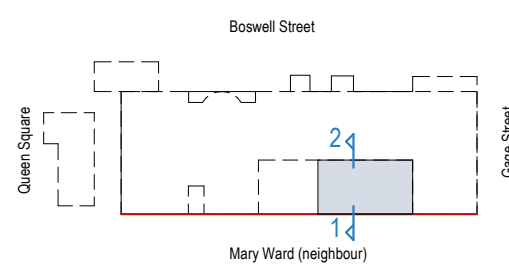
Detail 03 - Blue roof/ existing wall junction

1:5

Specification Ref: Liquid applied inverted roof covering system type C 20-50-30/135

0 100 200 500mm

Key Plan



Existing party / boundary wall

Blue roof

C2	28.09.18	Revised Construction -MJF	LM
C1	30.07.18	First Construction Issue / MJF	LM
A12	25.06.18	REVISED STAGE 4 ISSUE / LM / MJF	LM
A7	07.02.18	STAGE 4 SUBMISSION/ LM	AML
P2	23.01.18	Draft Stage 4 Issue / GV	AML
P1	20.11.17	Draft Stage 4 Issue / GV	AML

Rev Date Details/ Amended by Sign

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Project title
ITALIAN HOSPITAL

Drawing title
DETAILS
Blue Roof

Scale Status Revision
1:5 @A1 CONSTR. C2
1:10 @A3

Drawing number
1615-ST-Q1-01-DR-A-5143