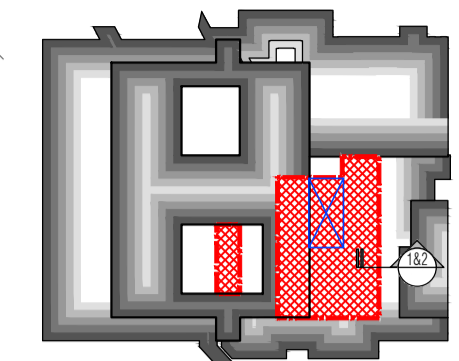
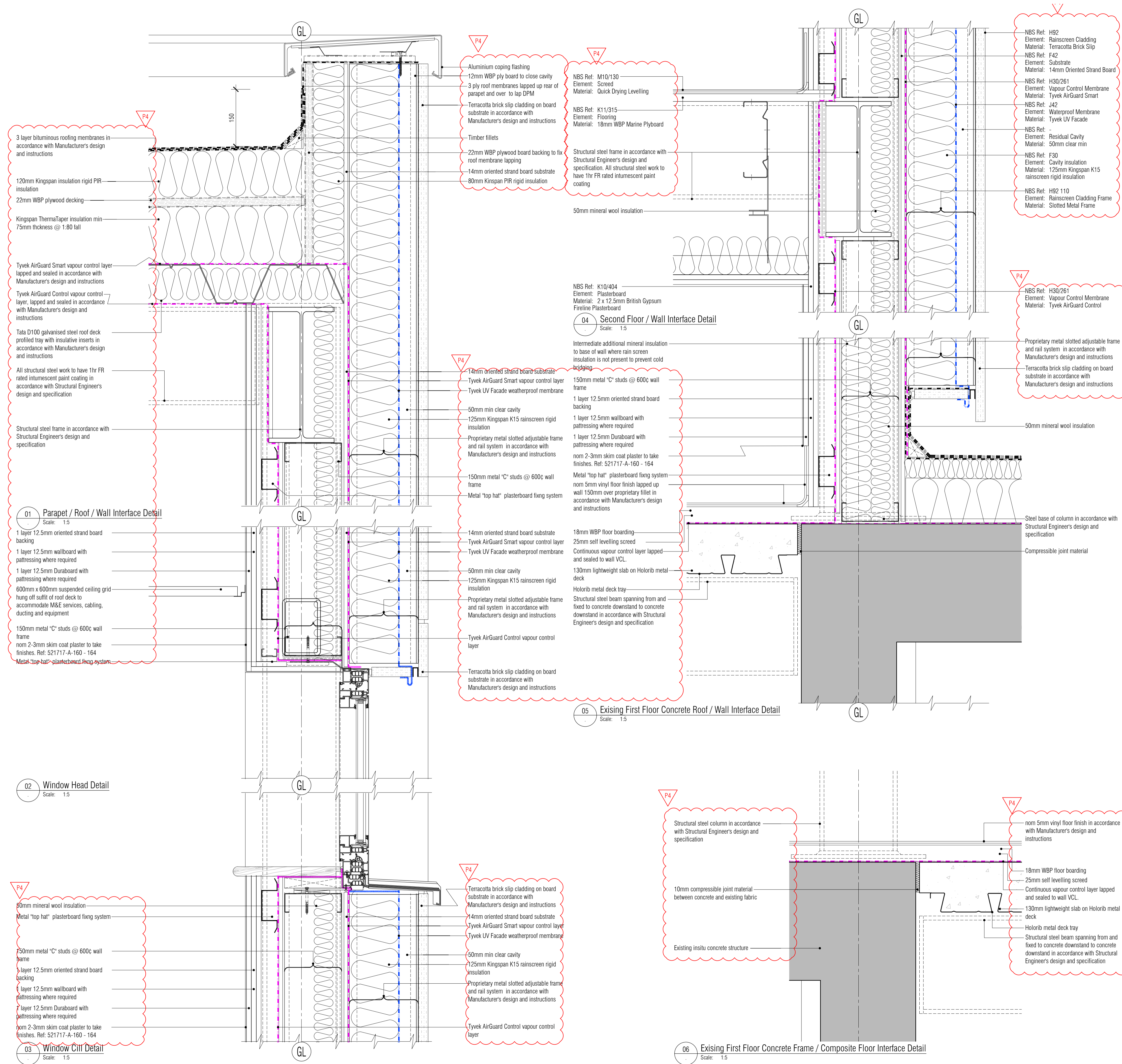


NB: All levels are approximate and are subject to further site investigation prior to construction. All discrepancies to be reported to FCG immediately

NOTES: Do not scale this drawing. All dimensions to be checked on site prior to commencement or manufacture.
Key Plan (nts)



NB: These and all details that indicate an interface to or with any and all existing structure and/or fabric are subject to change pending further on-site investigation and exploration and/or breaking out on-site at commencement of works on site. FCG repudiate any liability as a result of works commenced or completed prior to said investigations without prior agreement.



- NBS Ref: H92
Element: Rainscreen Cladding
Material: Terracotta Brick Slip
- NBS Ref: F42
Element: Substrate
Material: 14mm Oriented Strand Board
- NBS Ref: H30/261
Element: Vapour Control Membrane
Material: Tyvek AirGuard Smart
- NBS Ref: J42
Element: Waterproof Membrane
Material: Tyvek UV Facade
- NBS Ref: -
Element: Residual Cavity
Material: 50mm clear min
- NBS Ref: F90
Element: Cavity insulation
Material: 125mm Kingspan K15 rainscreen rigid insulation
- NBS Ref: H92 110
Element: Rainscreen Cladding Frame
Material: Slotted Metal Frame

- NBS Ref: H30/261
Element: Vapour Control Membrane
Material: Tyvek AirGuard Control
- Proprietary metal slotted adjustable frame and rail system in accordance with Manufacturer's design and instructions
- Terracotta brick slip cladding on board substrate in accordance with Manufacturer's design and instructions
- 50mm mineral wool insulation

- NBS Ref: M10/130
Element: Screed
Material: Quick Drying Levelling
- NBS Ref: K11/315
Element: Flooring
Material: 18mm WBP Marine Plyboard
- Structural steel frame in accordance with Structural Engineers design and specification. All structural steel work to have 1hr FR rated intumescent paint coating
- 50mm mineral wool insulation

04 Second Floor / Wall Interface Detail
Scale: 1:5

- Intermediate additional mineral insulation to base of wall where rain screen insulation is not present to prevent cold bridging
- 14mm oriented strand board substrate
- Tyvek AirGuard Smart vapour control layer
- Tyvek UV Facade weatherproof membrane
- 50mm min clear cavity
- 125mm Kingspan K15 rainscreen rigid insulation
- Proprietary metal slotted adjustable frame and rail system in accordance with Manufacturer's design and instructions
- 150mm metal "C" studs @ 600c wall frame
- Metal "top hat" plasterboard fixing system
- 150mm metal "C" studs @ 600c wall frame
- 1 layer 12.5mm oriented strand board backing
- 1 layer 12.5mm wallboard with patressing where required
- 1 layer 12.5mm Duraboard with patressing where required
- nom 2-3mm skim coat plaster to take finishes. Ref: 521717-A-160 - 164
- Metal "top hat" plasterboard fixing system
- nom 5mm vinyl floor finish lapped up wall 150mm over proprietary fillet in accordance with Manufacturer's design and instructions

05 Existing First Floor Concrete Roof / Wall Interface Detail
Scale: 1:5

- 18mm WBP floor boarding
- 25mm self levelling screed
- Continuous vapour control layer lapped and sealed to wall VCL
- 130mm lightweight slab on Holorib metal deck
- Holorib metal deck tray
- Structural steel beam spanning from and fixed to concrete downstand to concrete downstand in accordance with Structural Engineers design and specification
- Steel base of column in accordance with Structural Engineers design and specification
- Compressible joint material

06 Existing First Floor Concrete Frame / Composite Floor Interface Detail
Scale: 1:5

- Structural steel column in accordance with Structural Engineers design and specification
- 10mm compressible joint material between concrete and existing fabric
- Existing insitu concrete structure
- nom 5mm vinyl floor finish in accordance with Manufacturer's design and instructions
- 18mm WBP floor boarding
- 25mm self levelling screed
- Continuous vapour control layer lapped and sealed to wall VCL
- 130mm lightweight slab on Holorib metal deck
- Holorib metal deck tray
- Structural steel beam spanning from and fixed to concrete downstand to concrete downstand in accordance with Structural Engineers design and specification

- 3 layer bituminous roofing membranes in accordance with Manufacturer's design and instructions
- 120mm Kingspan insulation rigid PIR insulation
- 22mm WBP plywood decking
- Kingspan ThermoTaper insulation min 75mm thickness @ 1:80 fall
- Tyvek AirGuard Smart vapour control layer lapped and sealed in accordance with Manufacturer's design and instructions
- Tyvek AirGuard Control vapour control layer, lapped and sealed in accordance with Manufacturer's design and instructions
- Tata D100 galvanised steel roof deck profiled tray with insulative inserts in accordance with Manufacturer's design and instructions
- All structural steel work to have 1hr FR rated intumescent paint coating in accordance with Structural Engineers design and specification
- Structural steel frame in accordance with Structural Engineers design and specification

- 1 layer 12.5mm oriented strand board backing
- 1 layer 12.5mm wallboard with patressing where required
- 1 layer 12.5mm Duraboard with patressing where required
- 600mm x 600mm suspended ceiling grid hung off soffit of roof deck to accommodate M&E services, cabling, ducting and equipment
- 150mm metal "C" studs @ 600c wall frame
- nom 2-3mm skim coat plaster to take finishes. Ref: 521717-A-160 - 164
- Metal "top hat" plasterboard fixing system

- 50mm mineral wool insulation
- Metal "top hat" plasterboard fixing system
- 150mm metal "C" studs @ 600c wall frame
- 1 layer 12.5mm oriented strand board backing
- 1 layer 12.5mm wallboard with patressing where required
- 1 layer 12.5mm Duraboard with patressing where required
- nom 2-3mm skim coat plaster to take finishes. Ref: 521717-A-160 - 164

- 50mm mineral wool insulation
- Metal "top hat" plasterboard fixing system
- 150mm metal "C" studs @ 600c wall frame
- 1 layer 12.5mm oriented strand board backing
- 1 layer 12.5mm wallboard with patressing where required
- 1 layer 12.5mm Duraboard with patressing where required
- nom 2-3mm skim coat plaster to take finishes. Ref: 521717-A-160 - 164

NB: All information based on supplied third party survey information. All discrepancies to be reported to FCG immediately upon discovery.

All Mechanical & Electrical and Structural information shown indicative only. Please refer to Mechanical & Electrical and Structural documentation.

PRELIMINARY ISSUE

Rev	Date	By	CHK	Comment
P5	04.11.14	JM	AGC	Gen revs
P4	21.01.14	JM	AGC	Notes revd. Gen update
P3	22.11.13	JM	AGC	Details added. General update.
P2	01.11.13	JM	AGC	Preliminary issue for information. Gen update.
P1	28.10.13	JM	AGC	Preliminary issue for information

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Client
St George's Healthcare NHS Trust

Project Title
General Intensive Care Unit Extension
St. James Wing
St. Georges Hospital
London

Drawing Title
External Wall Details

Drawn by: RCC	Scale: 1:5@A1	Date: 03.10.13
Designed by: FCG	Checked by: MDK	Approved by: AGC

File Ref: X:\FRANKHAM\2-2013\111\02\ARCH\0300.DWG	20.06.15:15:10:13
Drawing No: 521717-A-505	Rev: P5