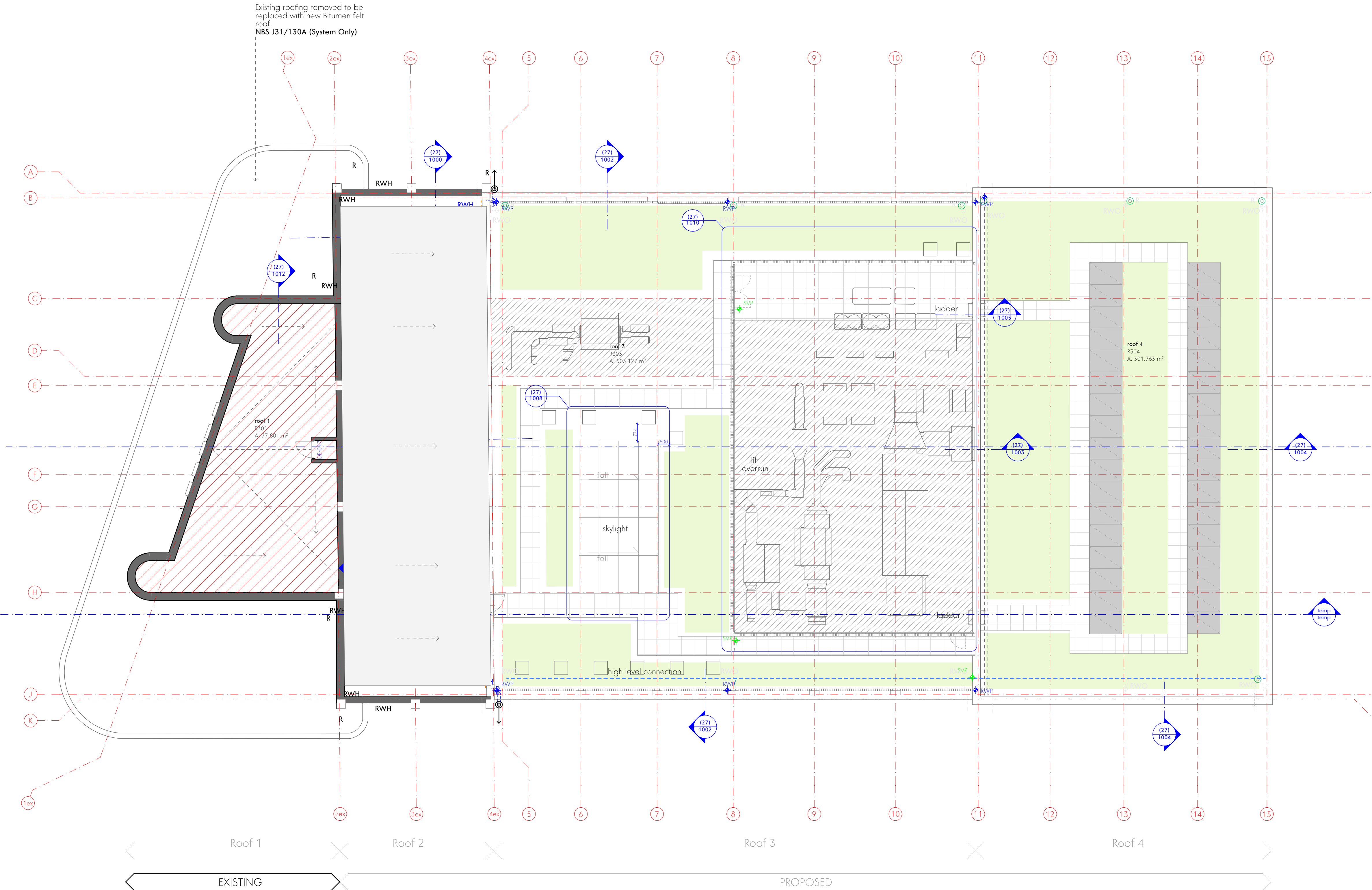
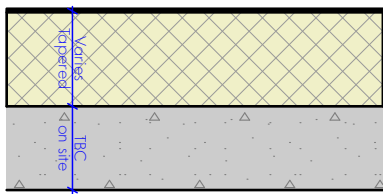


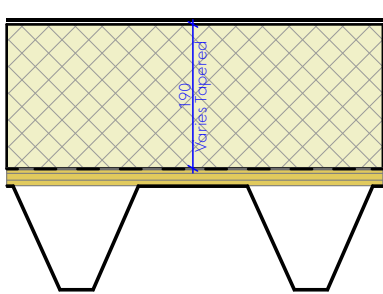


Roof 1 - NBS J31/130A



- Hydrotech waterproofing system. Installed in full accordance with recommendations. Taken up and over top of parapet and lapped with waterproofing/roof finishes as indicated. System bonded to up stands. Proprietary collars used to roof penetrations, vent ducts and SVP's.
- Tapered insulation to specialist details to achieve U-value $\leq 0.18 \text{ W/m}^2\text{K}$.
- Vapour control layer
- Existing slab stripped and repaired inline with roof system manufacturers requirements.

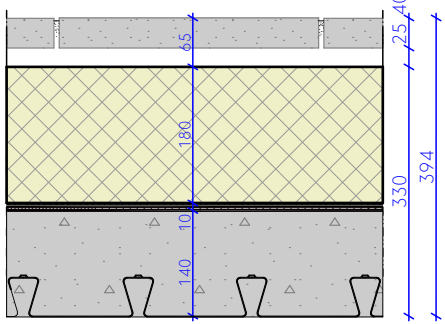
Roof 2 - NBS J31/130A



- Hydrotech waterproofing system. Installed in full accordance with recommendations. Taken up and over top of parapet and lapped with waterproofing/roof finishes as indicated. System bonded to up stands. Proprietary collars used to roof penetrations, vent ducts and SVP's.
- Tapered insulation to specialist details to achieve U-value $\leq 0.18 \text{ W/m}^2\text{K}$.
- Vapour control layer
- Min 18mm th. Exterior Ply (Details by SE)
- D137 Tata roof deck (Details by SE)
- Suspending ceilings as noted on (35) series drawings.

Anticipated Acoustic Result N/A
U-Value $\Rightarrow 0.18 \text{ W/m}^2\text{K}$
60 Minute Fire Resisting Construction

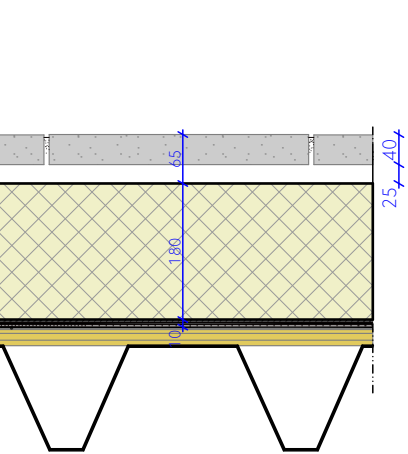
Roof 3 NBS J31/130A



- 40mm Concrete Paving tbc
- Alumasc harmer uni ring paving support
- Alumasc Hydrodrain sub-surface drainage layer,
- Alumasc Polyethylene Separator Sheet,
- 180 mm Alumasc XPS Extruded Polystyrene thermal insulation, thickness to achieve U value $0.18 \text{ W/m}^2\text{K}$
- Hydrgard protection Sheet,
- Hydrotech 6125 waterproofing system incorporating Flexflash F polyester reinforcement
- 140mm thick composite concrete deck (TBD by SE)

Anticipated Acoustic Result N/A
U-Value $\Rightarrow 0.18 \text{ W/m}^2\text{K}$
60 Minute Fire Resisting Construction

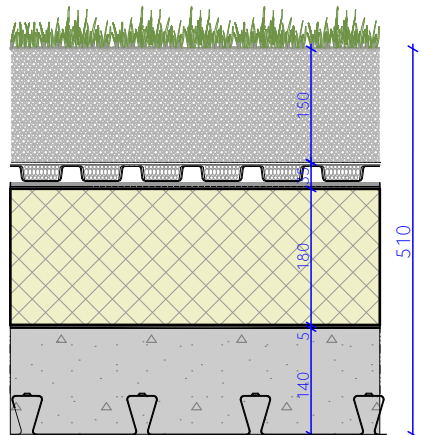
Roof 4 NBS J41/110A



- 40mm Concrete Paving tbc
- Alumasc harmer uni ring paving support
- Alumasc Hydrodrain sub-surface drainage layer,
- Alumasc Polyethylene Separator Sheet,
- 180 mm Alumasc XPS Extruded Polystyrene thermal insulation, thickness to achieve U value $0.18 \text{ W/m}^2\text{K}$
- Hydrgard protection Sheet,
- Hydrotech 6125 waterproofing system incorporating Flexflash F polyester reinforcement
- Min 18mm th. Exterior Ply (Details by SE)
- D137 Tata roof deck (Details by SE)

Anticipated Acoustic Result N/A
U-Value $\Rightarrow 0.18 \text{ W/m}^2\text{K}$
60 Minute Fire Resisting Construction

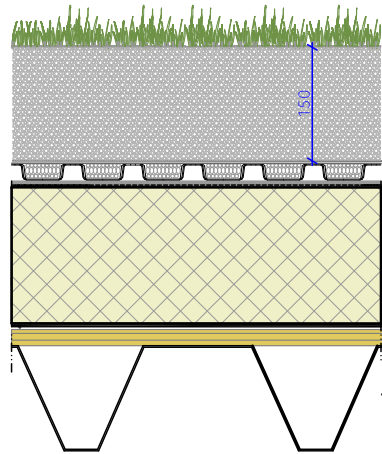
Roof 3 NBS J31/130A & Q37/130A



- Extensive Biodiverse Planting Scheme, as specified by the roofing sub contractor. (Subject to planning approval)
- 150mm (TBC) Blackdown Biodiverse Substrate
- Filter Fleece
- Blackdown 20mm Drainage Layer,
- Blackdown PE300 Moisture retention Fleece
- Infill Drainage Layer with Blackdown Crushed Brick Mix
- Blackdown FF Filter sheet, loose laid over the drainage layer, with 150mm unsealed laps.
- Root Resistant Waterproofing
- 180 mm Alumasc Extruded Polystyrene thermal insulation, thickness to achieve U value $0.18 \text{ W/m}^2\text{K}$
- 2mm Hydrgard 20 ANTI ROOT protection layer (2mm)
- 3mm Hydrotech 6125 waterproofing system incorporating Flexflash F polyester reinforcement
- 140mm thick composite concrete deck (TBD by SE)

Anticipated Acoustic Result N/A
U-Value $\Rightarrow 0.18 \text{ W/m}^2\text{K}$
60 Minute Fire Resisting Construction

Roof 4 NBS J41/110A & Q37/130A



- Extensive Biodiverse Planting Scheme, as specified by the roofing sub contractor. (Subject to planning approval)
- 150mm (TBC) Blackdown Biodiverse Substrate
- Filter Fleece
- Blackdown 20mm Drainage Layer,
- Blackdown PE300 Moisture retention Fleece
- Infill Drainage Layer with Blackdown Crushed Brick Mix
- Blackdown FF Filter sheet, loose laid over the drainage layer, with 150mm unsealed laps.
- Root Resistant Waterproofing
- 180 mm Alumasc Extruded Polystyrene thermal insulation, thickness to achieve U value $0.18 \text{ W/m}^2\text{K}$
- 2mm Hydrgard 20 ANTI ROOT protection layer (2mm)
- 3mm Hydrotech 6125 waterproofing system incorporating Flexflash F polyester reinforcement
- Min 18mm th. Exterior Ply (Details by SE)
- D137 Tata roof deck (Details by SE)

Anticipated Acoustic Result N/A
U-Value $\Rightarrow 0.18 \text{ W/m}^2\text{K}$
60 Minute Fire Resisting Construction

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All drawings and specifications should be read in conjunction with the project health and safety plan and any instructions should be presented to the Planning Department.

All work to be carried out in accordance with current Building Regulations.

Contractors must verify all dimensions at the job before commencing any work or making shop drawings.

Written dimensions should be taken. Do not scale off drawing. Do not take digital dimensions from this drawing.

Any discrepancies to be reported to the Architect.

0 1m 5m

Scale - 1:100 @A1



- RWO Rain water outlet
- Proposed rain water pipe
- Existing cast iron rain water pipe, refurbish + repair as necessary and repaint
- RWH Existing rain water hopper
- High level connection
- Overflow
- Internal gutter
- Proposed rain water hopper

Rev	Date	Comment	Dr	Ch
02	19.01.22	Planning Issue	BP	BP

Revised: 02/01/22 H2C21A - Revised Basis for ARCHCAD 25/Plaza Port Talbot
03/01/22 GWP-01-00-A1-18-Port Talbot P03

GWP Ref PPT

Job Title Plaza Port Talbot

Client Neath Port Talbot County Borough Council

Existing & Proposed Roof Plan

Name PPT-GWP-01-03-DR-A-(00)-0001

Scale 1:100@A1

Revision 02

Drawn/Checked DT / RT

First Issue 30.07.2019

Drawing Status D - Planning



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