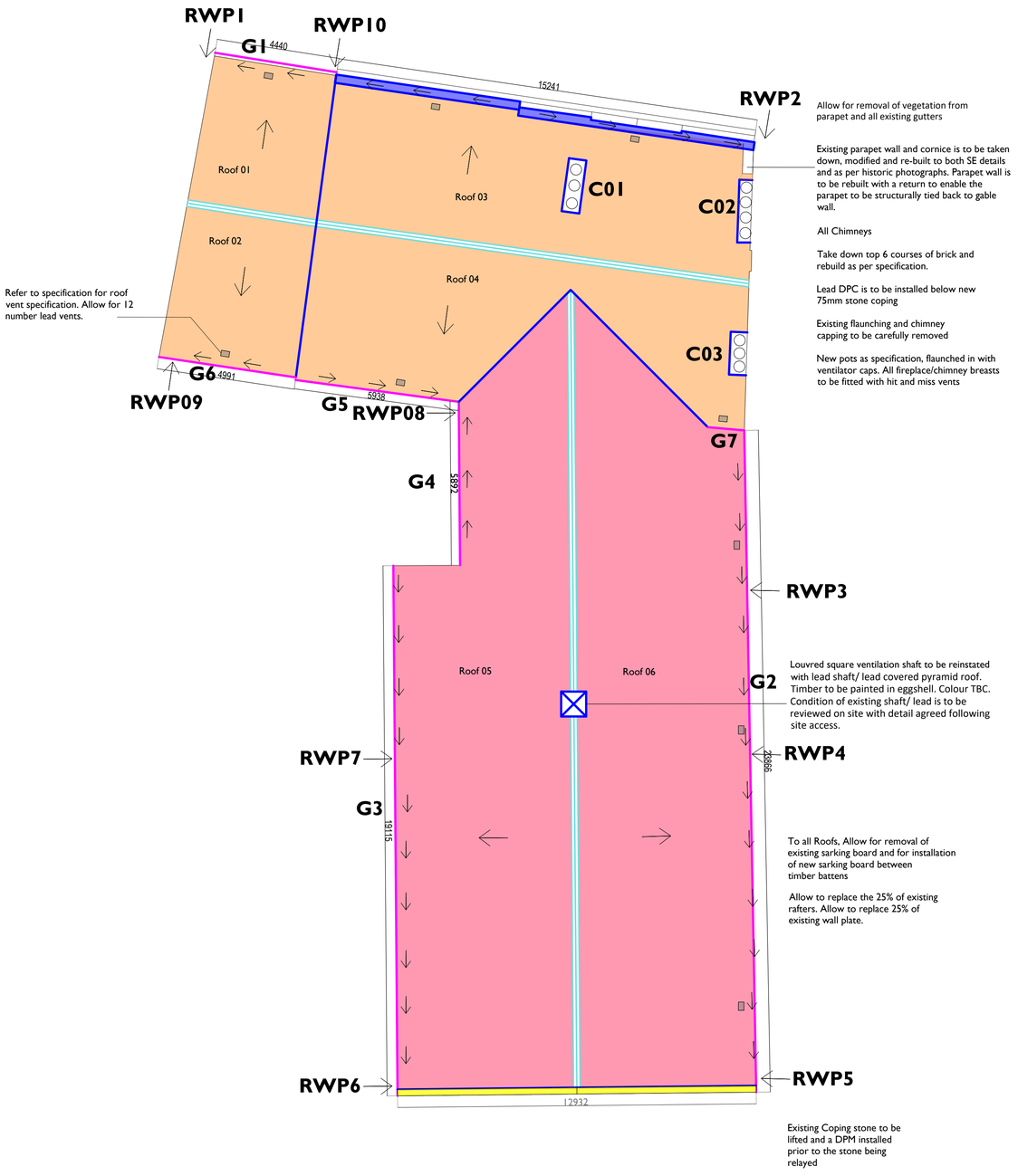


Allow for removal of vegetation from parapet and all existing gutters

Existing parapet wall and cornice is to be taken down, modified and re-built to both SE details and as per historic photographs. Parapet wall is to be rebuilt with a return to enable the parapet to be structurally tied back to gable wall.

All Chimneys

Take down top 6 courses of brick and rebuild as per specification.

Lead DPC is to be installed below new 75mm stone coping

Existing flaunching and chimney capping to be carefully removed

New pots as specification, flaunched in with ventilator caps. All fireplace/chimney breasts to be fitted with hit and miss vents

Louvred square ventilation shaft to be reinstated with lead shaft/ lead covered pyramid roof. Timber to be painted in eggshell. Colour TBC. Condition of existing shaft/ lead is to be reviewed on site with detail agreed following site access.

To all Roofs, Allow for removal of existing sarking board and for installation of new sarking board between timber battens

Allow to replace the 25% of existing rafters. Allow to replace 25% of existing wall plate.

Existing Coping stone to be lifted and a DPM installed prior to the stone being relayed

1 / **2003** **Proposed Roof Plan**
1:100

This drawing can be scaled from for the purposes of planning and tender

N

0 1 m 2 m 3 m 4 m 5 m 10 m

Roof Plan Key

- Roof Type A - Heather Blue Penrhyn Slate,
- Roof Type B - Dark Blue Grey Slate Cwt-y-Bugail
- Leadwork to specification
- Ridge tiles to specification
- Coping Stones to be replaced to specification

Roof Works Generally

Samples for Approval:

Prior to main works, the contractor is required to provide the followings sample for approval by CA before commencing main works to assess quality of workmanship:

Completed slating sample (each variety), completed ridge sample, rainwater gutter and downpipe.

Structural Timber Repairs
Refer to Structural Engineers details for works.

Existing Welsh Slate Roof
Strip existing roof, membrane and battens. Stack existing Welsh Slates.
Allow 50 % replacement to match existing (assume spec for 'New Slates' tender purposes) Refer to specification for new slate works for breather membrane, battens and fixings.

Extra Over New Welsh Slate Roof
Strip existing roof covering, felt and battens and tip.
Slate and Size: Conformity and testing to BS EN 12326 Supplier: Welsh Slate, Penrhyn Quarry, Bangor, Gwynedd, LL57 4YG Product: 500 x 300 - 7mm Country Penrhyn CWT-Y-BUGAIL DARK BLUE GREY Head lap: 85mm (based on 28mm degree pitch). Predrilled

All works to be completed in accordance with BS 5534 as well as the Practice for Slating and Tiling and BS 8000 Workmanship on Building Sites.

Copper annular nails to comply with BS 1202: Part 2. Nail length to be calculated in accordance with BS5534. 25mm x 50mm Class 3 Treated SW Batten in accordance with BS5534:201 fixed with galvanised clout nails.
TLX Batsafe membrane to be installed under all pitched roofs membrane to be installed in accordance as per manufacturer's recommendations.

Post installation breakages shall be re-fixed via 316 Stainless Steel Slate Hooks.

Chimneys

C01, C02, C03 – Remove existing render from external faces and replace with lime render. Allow for new sandstone coping
Allow to reflaunch top of chimneys in NHL5.

Remove existing concrete copings to C01,C02 and C03. Provide new Code 05 Lead DPC below new copings with appropriate penetrations for pots. Coat both sides of Lead DPC with bitumen paint prior to installation. Provide new 75mm sandstone stone coping with 50mm overhang and 10mm drip groove to outer perimeter and pin onto brickwork.

To be reviewed on site once access available. Contractor should allow to Chimney pots should
Product: Tall Boy with allowance for Chimney Cap.

Rainwater Goods and Soil Pipes Generally

All cast iron rainwater goods to be manufactured in accordance with BS460 and supplied by *Hargreaves Foundry, Water Lane, Halifax, West Yorkshire, HX3 9HG.*

Cast iron rainwater and gutter system shall be installed in accordance with the relevant health and safety regulations, to standard of workmanship BS 8000. Gutter test to be completed by Contractor following installation. Preparation: Temporarily block all outlets. Testing: Fill gutters to overflow level and after 5 minutes closely inspect for leakage.

Rainwater goods to arrive to site pre-decorated in factory applied Premier Extra Black Gloss. Allow for touch up paint for cut ends.

Rainwater Pipes

Cast Iron Rainwater Pipes All downpipes to be installed as per manufacturer guidance using traditional oak bobbins and pipe nails. Contractor to allow for necessary bends for installation.

RWP 01 - 100mm XR4001E (length to suit). XRHH03 Hopper. Access pipe XR4010E, terminate 700mm above EFL.
RWP 02 - 100mm XR4001E (length to suit). XRHH03 Hopper. Access pipe XR4010E, terminate 700mm above EFL
RWP 03 - 100mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 04 - 100mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 05 - 100mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 06 - 75mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 07 - 75mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 08 - 100mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 09 - 75mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL.
RWP 10 - 75mm XR4001E (length to suit).

Rainwater Gutters

- Gutter 1 100mm x 75mm Profile Ogee manufactured by Hargreaves Foundry
- Gutter 2 150mm x 75mm Profile Ogee manufactured by Hargreaves Foundry
- Gutter 3 100mm x 75mm Profile Ogee manufactured by Hargreaves Foundry
- Gutter 4 50mm x 75mm Profile Ogee manufactured by Hargreaves Foundry
- Gutter 5 125mm x 75mm Profile Ogee manufactured by Hargreaves Foundry
- Gutter 7 125mm x 75mm Profile Ogee manufactured by Hargreaves Foundry

Contractor to allow for necessary stop ends, union clips, angles and outlets for downpipes supplied by the manufacturer.

Leadwork

All leadwork to be manufactured in accordance with BS EN 12588 and to be installed in accordance with BS 6915 and to the latest edition of the Lead sheet Association Complete Manual.

All leadwork to have Lead Patination Oil applied. Leadwork in chased joints to be wedged with a Hall clip and at high level (non-visible areas) filled flush with Lead Sheet Sealant approved by Lead Manufacturer. Visible areas should be pointed.

Cover Flashings and Soakers - Code 05
Valleys - Code 06 Allow for 100% replacement of existing sarking boards to valley gutters in douglas fir.

Thermal Insulation (to all roofs)

300mm of Rockwool Insulation (product code180900) is to be installed. 100mm between joists with an additional 200mm laid perpendicular to joists on top to provide a Thermal conductivity rating of 0.044W /mK. Install in accordance with manufacturer guidance.

Ridge / Hips Tiles

Existing clay ridge / hip tile. Carefully remove, store and rebed existing clay ridge / hip tiles.
Allow for 50% renewal to match existing. All ridge tiles (new and existing) to be re-bedded on a 1:3 Sand Cement Mix with galvanised hip irons where required.

Extra over, allow for 100% ridge tiles to match existing

Lead Roof Vents

Roof 01: 1No. Roof 02: 1 No. Roof 03: 2 No. Roof 04: 2No. Roof 05: 2 No. Roof 06: 2 No.

Notes: 20/03/2023 13:49:35

Drawings are based on survey data and may not accurately represent what is physically present.

Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

Purcell shall be notified in writing of any discrepancies.

Key Plan
not to scale

REV	DATE	BY	CHK	DESCRIPTION
P01	20/03/2023	MP	ZB	As Indicated

CLIENT
Knowsley Council

PROJECT
Prescot Picture Palace

JOB NUMBER
241331

PURCELL

TITLE
Prescot Picture Palace
Proposed Roof Plan

SIZE	SCALE	LAST REVISED	DRAWN	CHECKED
A1L	As Indicated	20/03/2023	MP	ZB

REV **P01** SUITABILITY/REASON FOR ISSUE **S4 - Listed Building Consent**

DRAWING NAME
241331-PUR-ZZ-RF-DR-A-2003

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