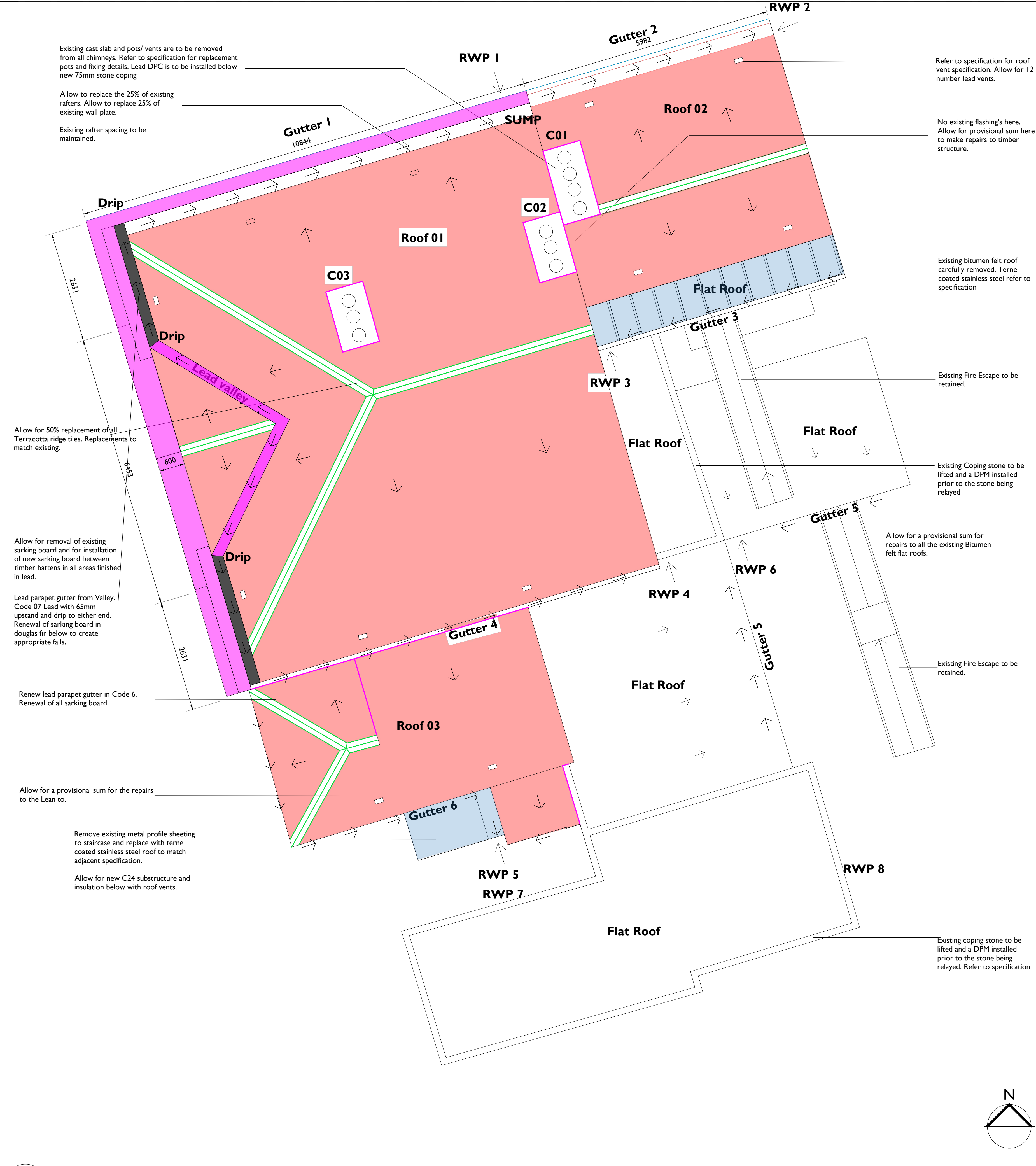




Key

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, completed terne coated stainless steel cladding, 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 CWYT-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 – Rake out and repoint all external faces and copings of brickwork / stonework in NHL 3.5.

Allow to relaunch top of chimneys in NHL5. Refer to External Repair Drawings for Specification on Repointing (larger aggregates required)

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 for new chimney pots.
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 - 75mm XR4001E (length to suit). Access pipe XR4010E, terminate 700mm above EFL. Provisional sum for connection to surface water drainage.
RWP 02 - 75mm XR4001E (length to suit), XRH-H03 Hopper. Access pipe XR4010E, terminate 700mm above EFL.
RWP 03 - 75mm XR4001E (length to suit), XRH-H03 Hopper at mid level, Access pipe XR4010E, terminate 700mm above EFL.
RWP 04 - 100mm XR4001E (length to suit), XRH-H03 Hopper, Anti-Splash Shoe
RWP 05 - 75mm XR4001E (length to suit), Access pipe XR4010E
RWP 06 -

Rainwater Gutters

Refer to Details 1,2,3 on Drawing 5001

- Gutter 1, refer to detail 02
- Gutter 2, refer to detail 01
- Gutter 3: 100mm x 75mm DHR 4X3 PROFILE
- Gutter 4, refer to detail 03
- Gutter 5 and 6 - 100mm Half round beaded gutter

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.

Terne Coated Stainless Steel Roof

Remove existing bitumen felt roof and plywood underlay.
Install new 18mm Class 3 Plywood in accordance with EN 314-3 fixed with stainless steel screws overlaid with acoustic membrane.
Allow for renewal of treated timber furring.

0.5mm Terne Coated Stainless Steel Round Batten Rolls covering laid to minimum 3 degree falls.
Rolls to be @ 600mm centres.

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: 6 No. Roof 02: 4 No. Roof 03: 2 No.

Notes:

07/02/2023 10:26:17

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

P01	22/09/2021	DW	DW	As Indicated	
P01	07/02/2023	MP	PS	As Indicated	
REV	DATE	BY	CHK	DESCRIPTION	

CLIENT

Knowsley Metropolitan Borough Council

PROJECT

Cockpit House, Prescot

JOB NUMBER

241085

TITLE

Cockpit House
Proposed Roof Plan

SIZE	SCALE	LAST REVISED	DRAWN	CHECKED
A1L	1:50	07/02/2023	MP	PS

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

DRAWING NAME

241085-PUR-00-RF-DR-A-2002

St James', 79 Oxford Street, Manchester, M1 6PQ

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