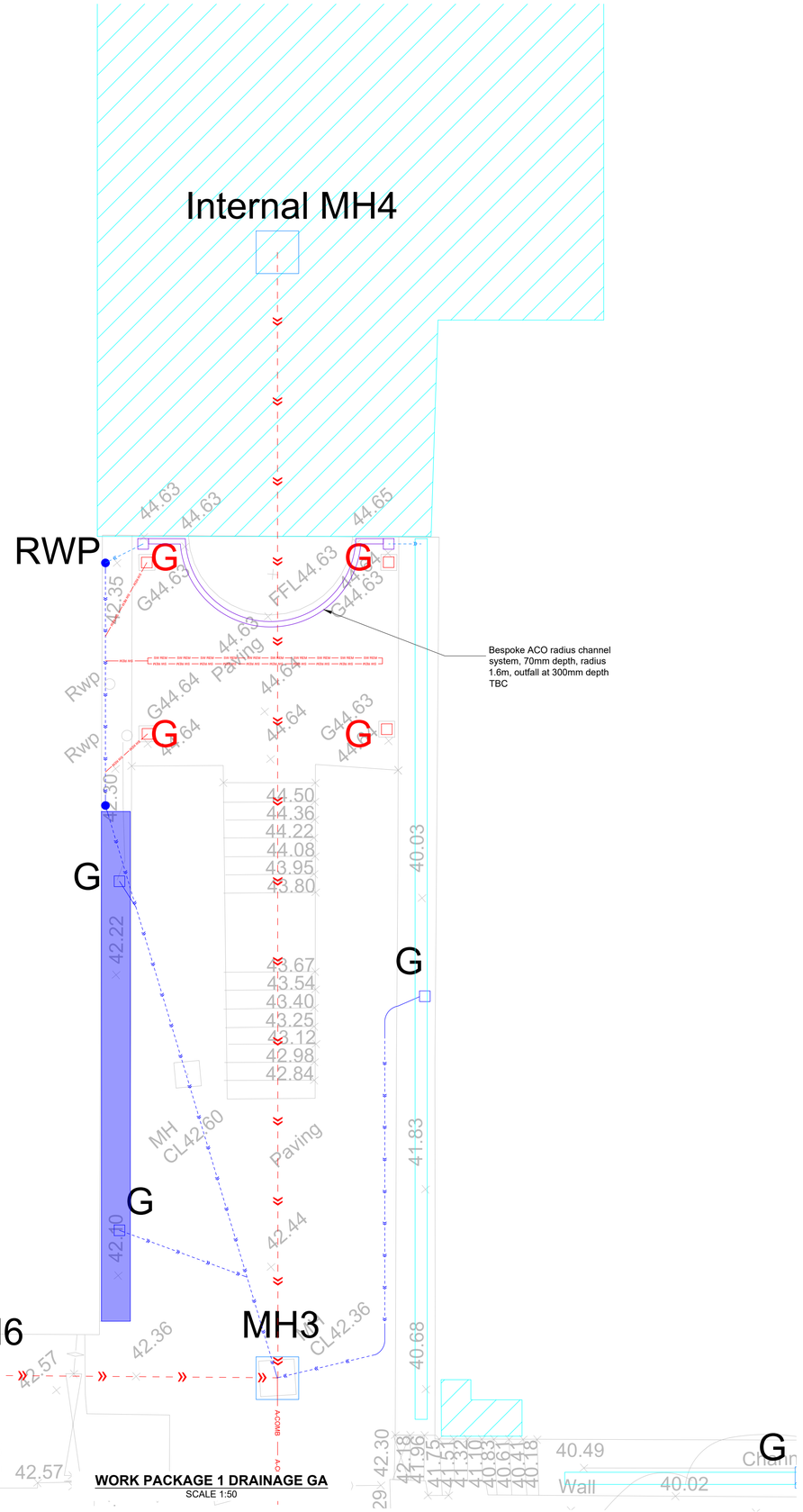
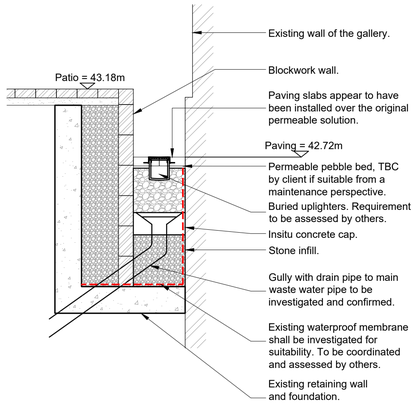
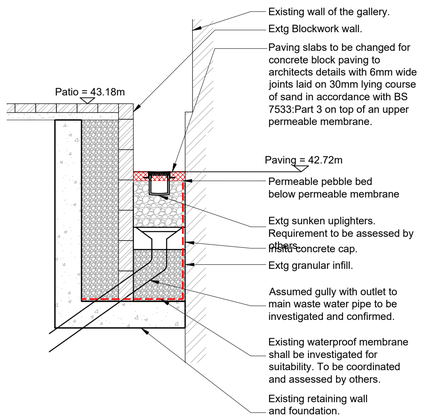



**WORK PACKAGE 1 DRAINAGE GA**
SCALE 1:50




**CURRENT PERIMETER SURFACE DRAINAGE DETAIL**
SCALE 1:20




**PROPOSED PERIMETER SURFACE DRAINAGE DETAIL**
SCALE 1:20

**NOTE:**
This is a live drawing and will be updated as investigations are undertaken / more information provided.

**Overall Scope Requirements:**

1. Maintain the now cleaned condition of drainage goods. Monitor fortnightly.

⚠ Possible hazardous/biohazardous waste around site. Appropriate PPE to be worn and caution taken.

2. Contractor to arrange release of any manhole/gully lids to allow survey.
3. CCTV survey of remaining manholes and connected gullies, traced to outfall.
4. Surveys to date demonstrate that the existing system is generally repairable and useable. This drawing scopes the areas where repairs / alterations are required.

**Note:**
All paving and external masonry joints around the building perimeter present numerous defects that suggest a root cause of some of the damp issues internally. It was also noted that some drainage goods are not positioned at low points, creating ponding. Detailed topographical survey required to 3dp. Refer to architect's details and proposals for repairs and any additional specialist waterproofing details.

## NOTES

1. Do not scale from this drawing.
2. This drawing is copyright and is sent to you in confidence. It must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.
4. Anyone using this drawing must be aware of their legal duties under the CDM Regulations 2015, refer to the HSE website for further information. BKPL are not Principal Designers.
5. All dimensions shown on this drawing are in millimeters unless noted otherwise.
6. If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
7. All works are to be carried out in accordance with the Building Regulations (as amended) and to the approval of Building Standards.
8. Drawing to be reviewed alongside drawings for Work Packages 3, 8, 9, 10,11, 14, 15, 16, 18 & 20.

## LEGEND

- Denotes areas subject to ongoing water penetration based on H+R investigation report.
- Denotes existing permeable areas that have been paved over.
- A-COMB — Existing UU adopted combined sewer.
- Existing combined drainage.
- Existing surface water drainage.
- Surface water channel features.
- Slot drain.
- UTR — Unable to remove.
- A-COMB — Denotes drawing extent, run continues. Refer to UU map for full extent.

STAGE 4

| REV. | DATE | REVISION DETAILS | INITIALS |
|---|---|---|---|
| P03 | 06.10.23 | Gullies Moved | JDE |
| P02 | 22.08.23 | Ci/SfB Code and WP number corrected. Proposed detail amended | JDE |
| P01 | 09.08.23 | Preliminary Issue | JDE |


booth**king** PARTNERSHIP LIMITED
CONSULTING CIVIL & STRUCTURAL ENGINEERS
www.booth-king.co.uk office@booth-king.co.uk
**MANCHESTER** Tel: 0161 694 7087 | **RAMSBOTTOM** Tel: 01706 822 022 | **EDINBURGH** Tel: 0131 229 1547


PROJECT:
Manchester Art Gallery

TITLE:
Work Package 1
Drainage GA

| SCALE @ A1: | DRAWN: | DATE: | REVISION: | STATUS: |
|---|---|---|---|---|
| As Shown | JDE | May '23 | P03 | S3 |

DRAWING No:
MAG-BKP-01-ZZ-DR-C-90-0500