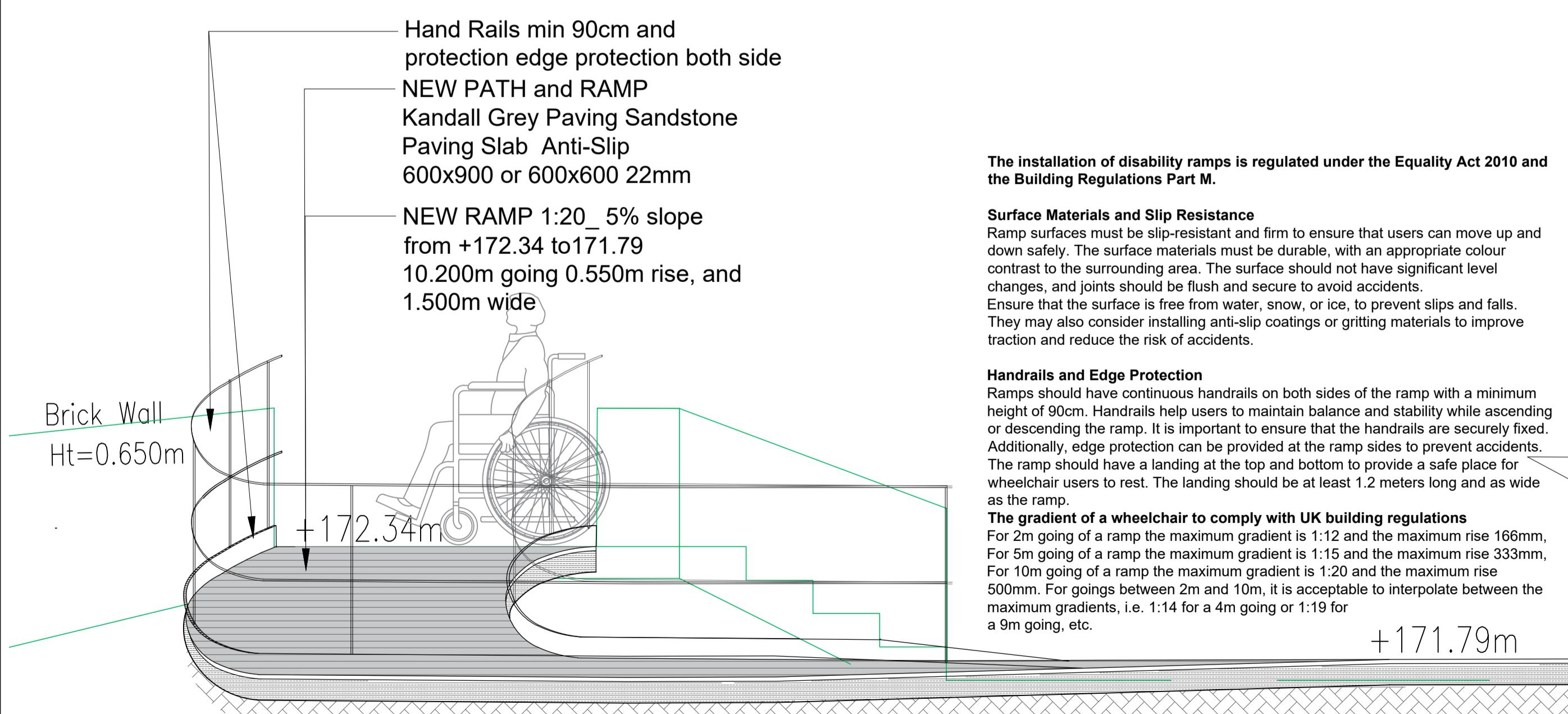


PROPOSED NEW ACCESS RAMP 1:50



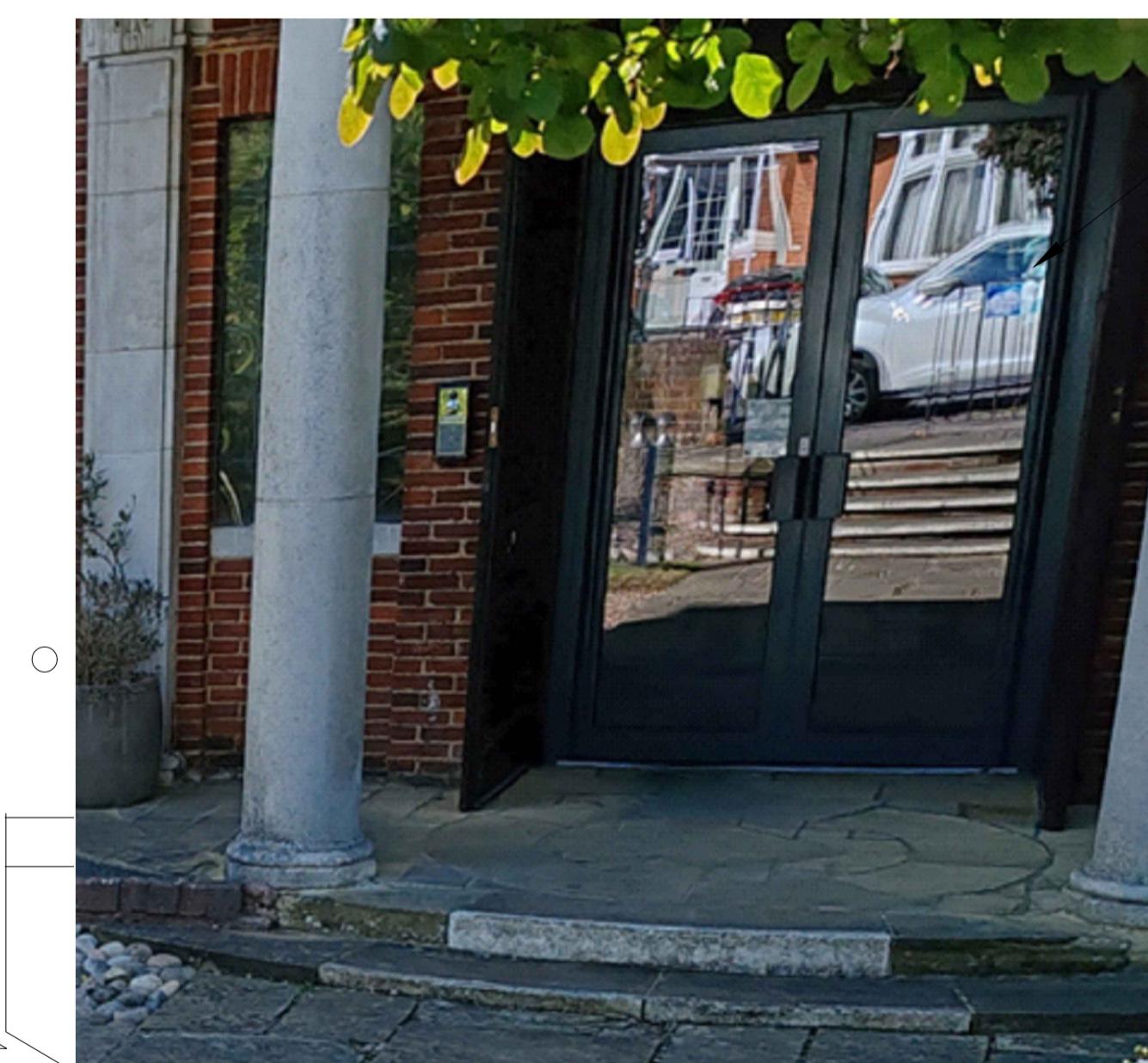
RAMP DETAIL 1:10

The installation of disability ramps is regulated under the Equality Act 2010 and the Building Regulations Part M.

Surface Materials and Slip Resistance
Ramp surfaces must be slip-resistant and firm to ensure that users can move up and down safely. The surface materials must be durable, with an appropriate colour contrast to the surrounding area. The surface should not have significant level changes, and joints should be flush and secure to avoid accidents. Ensure that the surface is free from water, snow, or ice, to prevent slips and falls. They may also consider installing anti-slip coatings or gritting materials to improve traction and reduce the risk of accidents.

Handrails and Edge Protection
Ramps should have continuous handrails on both sides of the ramp with a minimum height of 90cm. Handrails help users to maintain balance and stability while ascending or descending the ramp. It is important to ensure that the handrails are securely fixed. Additionally, edge protection can be provided at the ramp sides to prevent accidents. The ramp should have a landing at the top and bottom to provide a safe place for wheelchair users to rest. The landing should be at least 1.2 meters long and as wide as the ramp.

The gradient of a wheelchair to comply with UK building regulations
For 2m going of a ramp the maximum gradient is 1:12 and the maximum rise 166mm. For 5m going of a ramp the maximum gradient is 1:15 and the maximum rise 333mm. For 10m going of a ramp the maximum gradient is 1:20 and the maximum rise 500mm. For going between 2m and 10m, it is acceptable to interpolate between the maximum gradients, i.e. 1:14 for a 4m going or 1:19 for a 9m going, etc.



Glazed Double Entrance
door with coated dark grey aluminum
frame similar to existing front door
from 171.79 to 171.85 (100mm) 0.1% slope

ACCESS DETAIL level approach 1:20

0 Scale 1:20 1m 2m 0 Scale 1:50 5m

Amendments/Notes

Rev.	Detail	By	Date
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A Revised and Updated Landscape area LL 15.01.2025

All dimensions and levels to be checked on site by contractor prior to preparation of shop drawings and commencement of work on site.

This drawing and the copyrights and patents therein are the property of the Architect and may not be used or reproduced without consent.

This drawing is to be read in conjunction with all relevant consultants and/or specialist's drawings/documents and any discrepancies or variations are to be notified to the Architect before the affected work commences.

All works on site are to be carried out fully in accordance with current CDM regulations and recommendations, current Building Regulations, British Standards and Codes of Practice as appropriate.

Project
St. Johns Church Hall
Hollowell Road
Northwood

PLANNING APPLICATION
DISCHARGE CONDITIONS

CONDITION # 4 / #5
PROPOSED NEW RAMP
AND SIDE ACCESS

**SEABROOK
ARCHITECTS**

CHARTERED ARCHITECTS
Unit17, Chiltern Court, Ashridge Road,
Chesham, Bucks HP5 2PX
Tel: 01494 778918
e-mail: info@sebrookarchitects.co.uk

Drawn By LL Date 10.10.24

Checked By JS Date 15.01.25

Approved By JS Scale 50/20 @A1

Drawing No. 5530-PL-Cond-102 Rev. A

