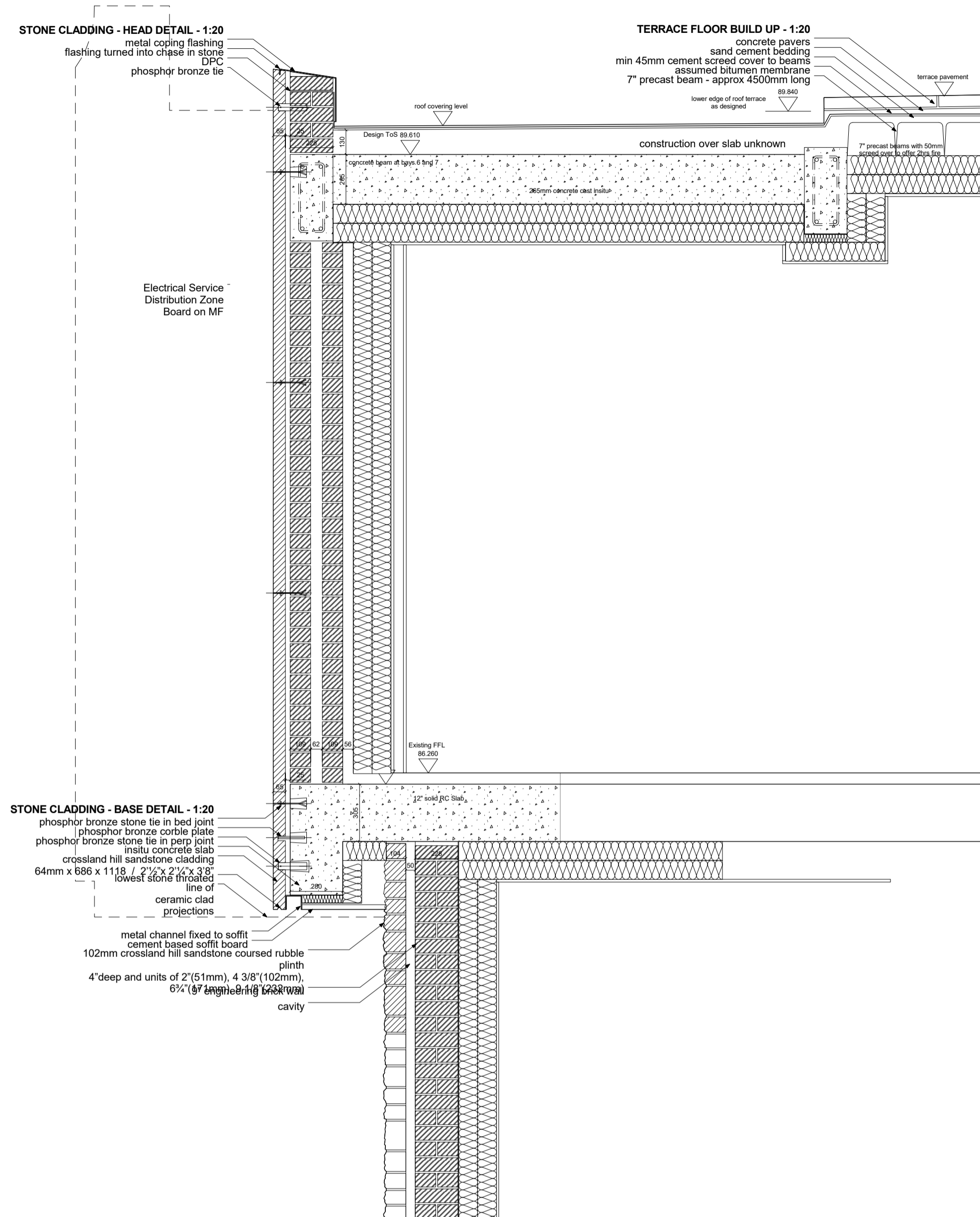


**1 Existing facade insulated as per detail**  
1 : 250



**2 Detail Section - Proposed thermal retrofit of existing fabric**  
1 : 20

**Notes:**

**Thermal Retrofit**

The retained existing walls are to be lined internally with insulation. The retrofit of the building envelope as a key part of its re-use. The insulation will be applied to the walls and soffits with new linings added over.

**Roof Linings**

The new roof coverings will be located at or very close to the same level as the existing allowing for improved construction.

**Wall Face**

The walls will be repaired where necessary, cleaned and repointed

**Internal Floor**

The floor is to be renewed. The new floor will be terrazzo lined screed set over insulation. The introduction of insulation across the floor is a core part of the thermal retrofit strategy.

The new screed will emulate the original with heating pipes embedded in the screed used to provide background warmth to the building. See drawing A-040953.

Existing facade insulated as per detail

**Notes**

1. Dimensions are not to be scaled from this drawing.
2. Drawing only to be used for the purposes it was issued for.
3. Landscape, public realm and neighbouring buildings shown indicatively.
4. Existing locations and footprints of surrounding buildings are taken from; (OS Map - Promap-1634985-1735589-720-0.dwg) received 2021.10.27; (21359-100-Topo-Millimetres.dwg) received from Maltby Surveys on 2022.02.23
5. Existing building survey information taken from Maltby survey model received 22.07.22 and Maltby Survey drawings received 28.04.22.



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Rev	Status	Date
P01	S2 Issued for Planning and Listed Building Consent Approval	30/09/22

Job/Drawing No  
IR430301-FCB-XX-ZZ-DR-A-040951

Revision

P01

Kirklees Cultural Heart  
Huddersfield Library - Thermal Retrofit

Status

S2

Scale As indicated@A1  
Date 07/25/22  
Drawn Checked  
Author Checker  
FCBS project  
no IR430301

Do not scale All dimensions to be checked on site