The Street

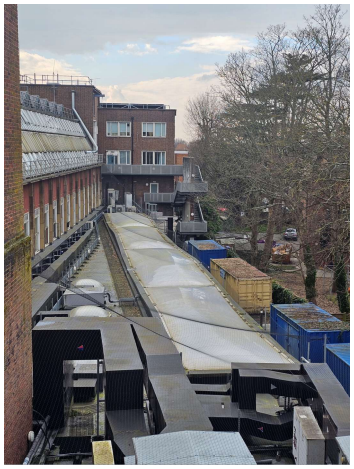
BRIEF: PROVIDE A CONCEPT DESIGN TO REPLACE THE EXISTING ROOF & ENHANCE THE ENTRANCE & CIRCULATION THROUGH THE STREET AREA FOR UWL CLIENTS.

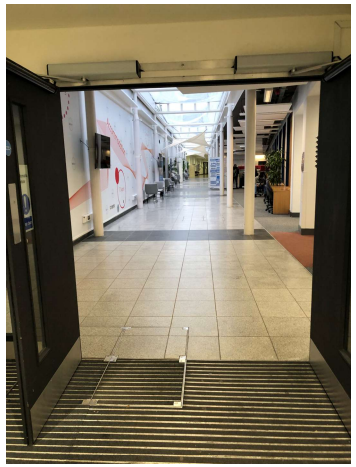
CONCEPT DESIGN ELEMENTS COMPRISING

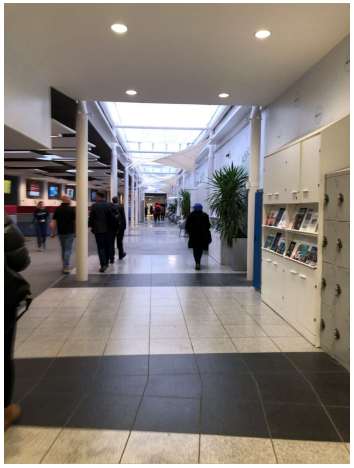
- NEW ROOFLIGHTS & SUPPORTING STRUCTURE
- NEW ROOF ENSURING WEATHER TIGHTNESS & THERMAL EFFICIENCY
- NEW LIGHTING TO ENSURE CONSISTANT LUMINANCE LEVELS
- TREATMENT TO COVER EXISTING WALL A.O.V.s & IMPROVE THE CLIENT EXPERIENCE OF BRAND / UWL INFORMATION (Subject to confirmation of AOVs being no longer required)
- ACOUSTICS - SOUND ATTENUATING MATERIALS USED TO REDUCE REVERBERATION

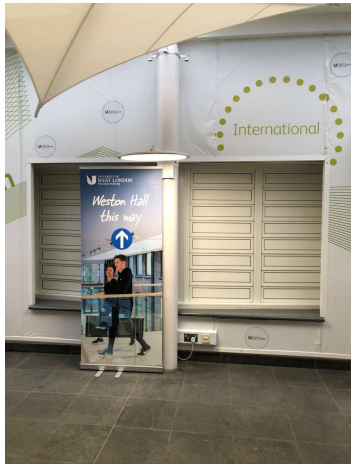
CONTENTS

The Street – existing condition









UNIVERSITY OF WEST LONDON
The Career University

synergia

The Street concept

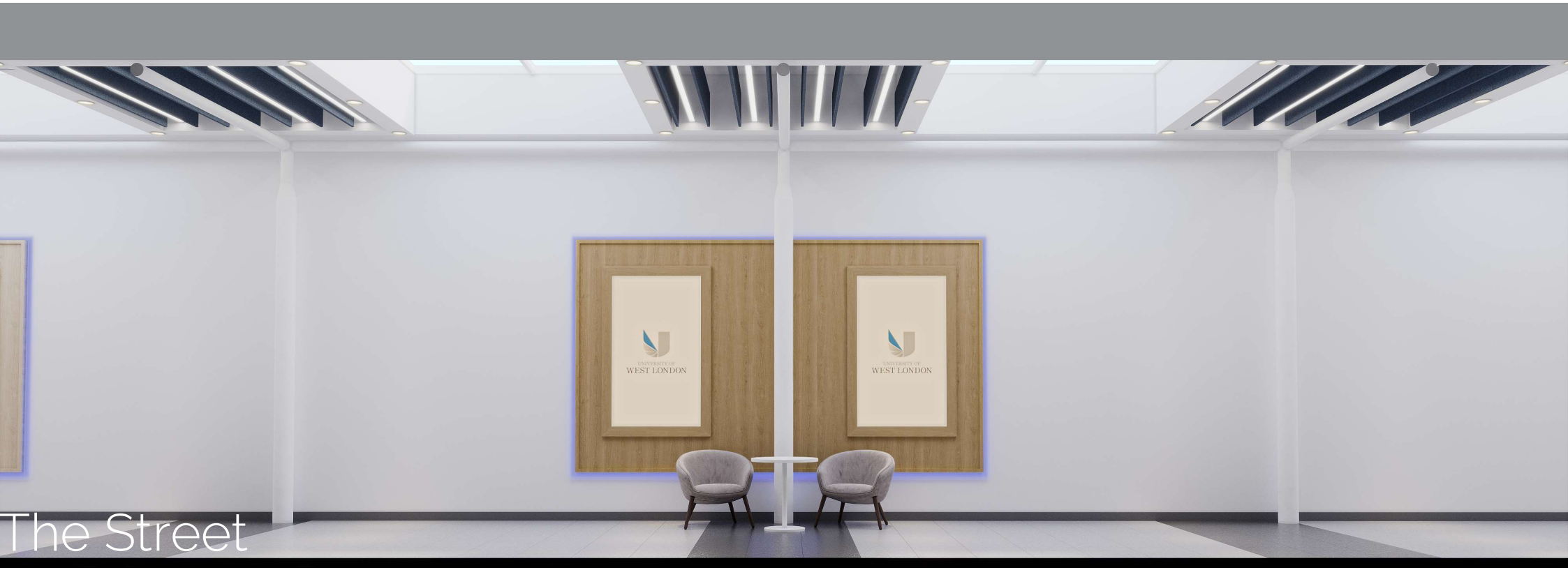
UNIVERSITY OF WEST LONDON
The Career University

synergia

The Street


William
udio Services
UNIVERSITY OF
WEST LONDON
The Career University
synergia

The Street

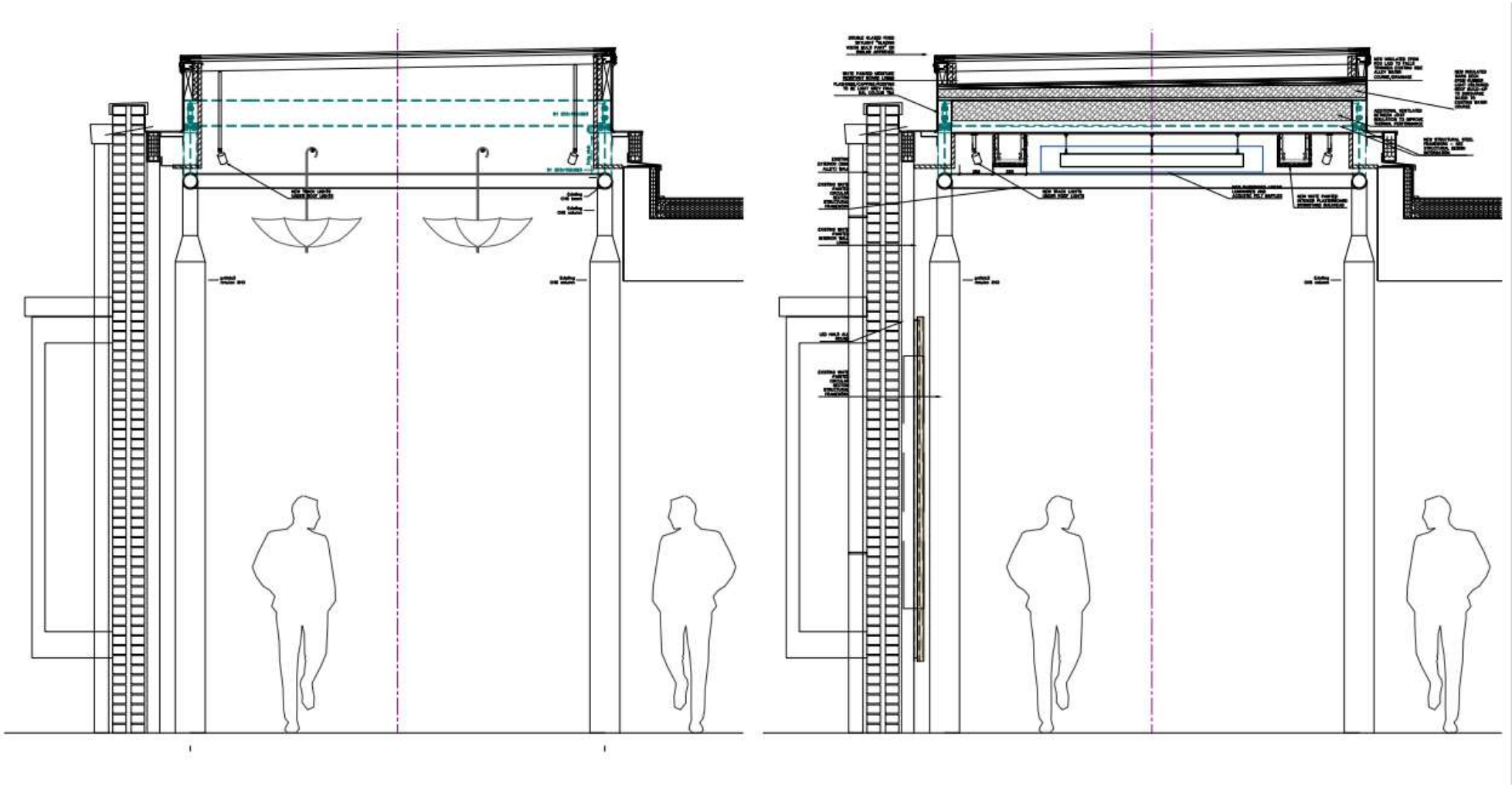


The Street

UNIVERSITY OF
WEST LONDON
The Career University

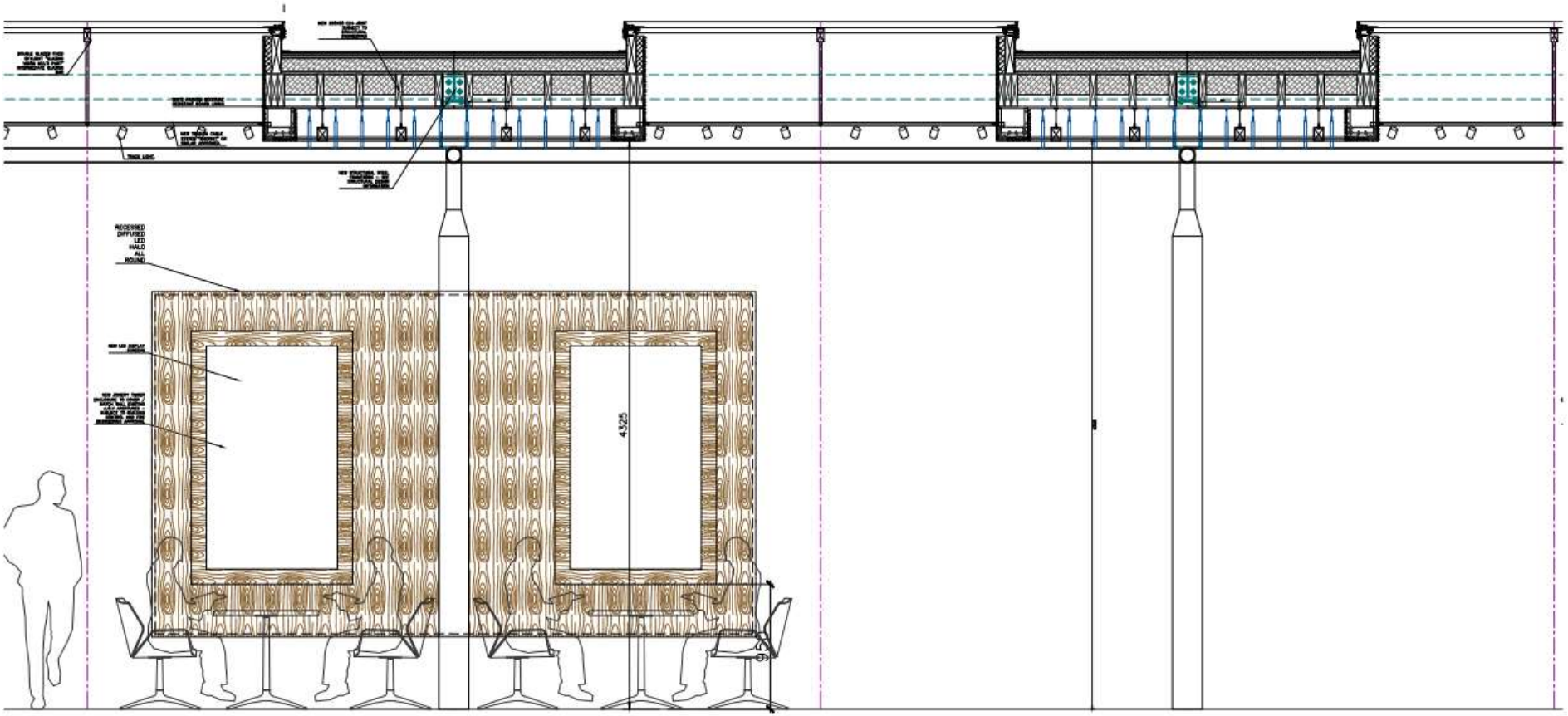
synergia

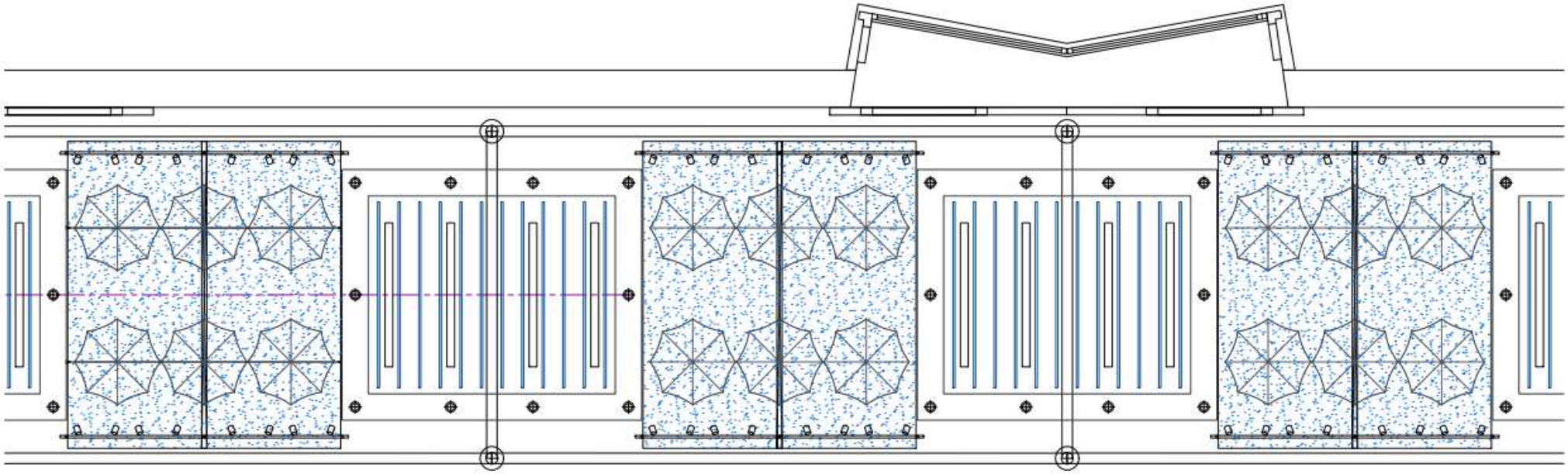
The Street Detail



UNIVERSITY OF WEST LONDON
The Career University

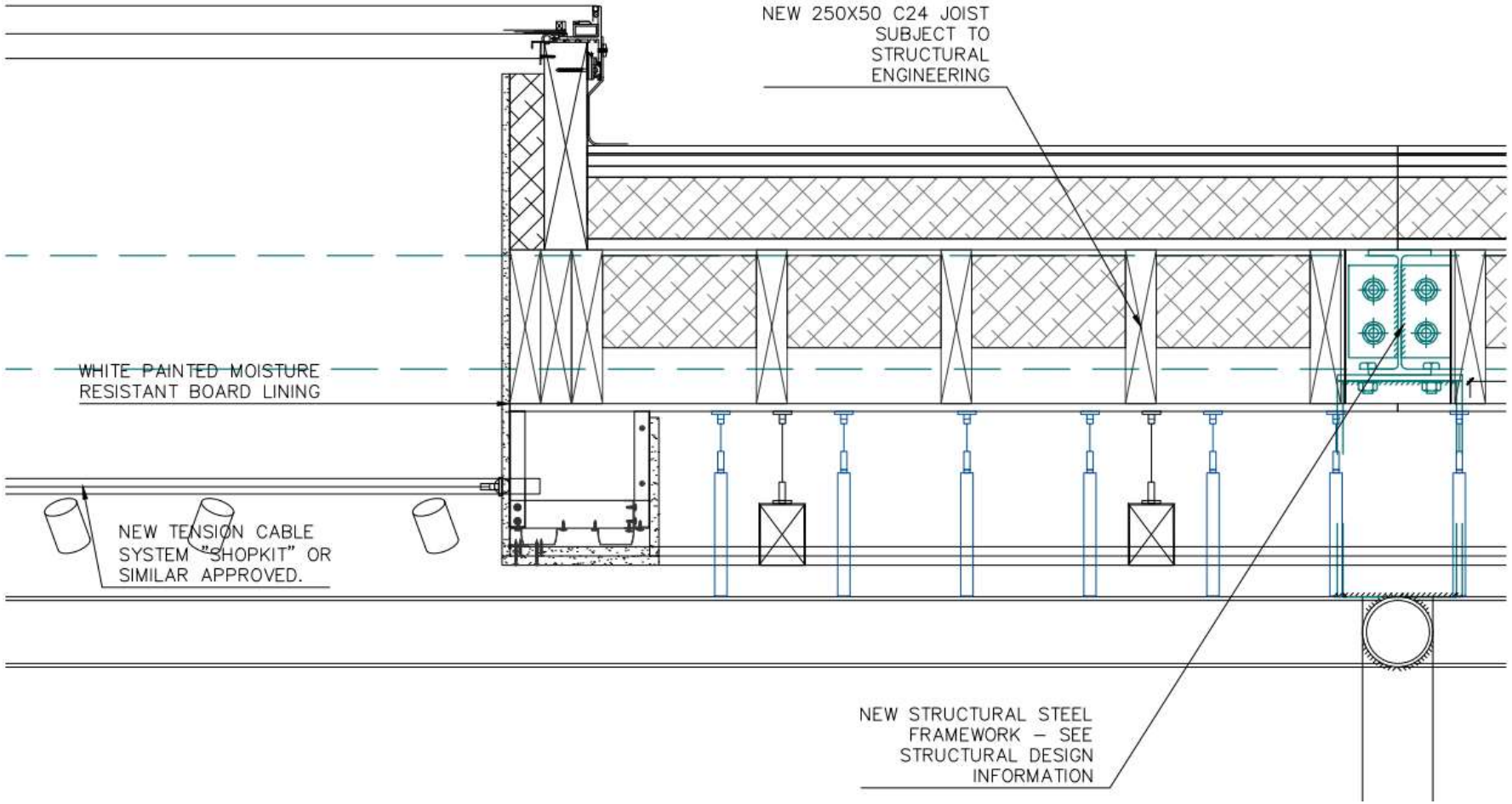
synergia

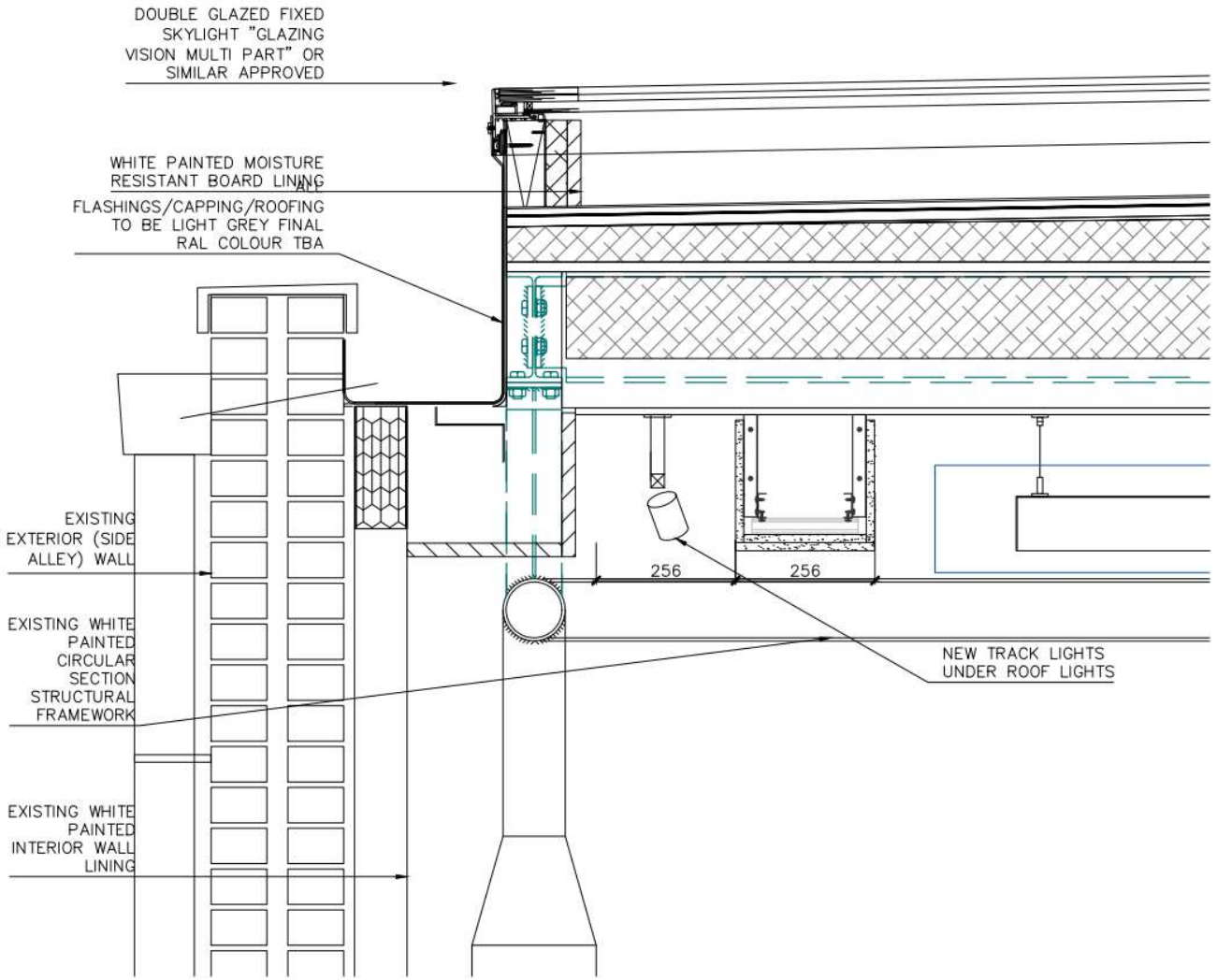

RECESSED
DIFFUSED
LED
HALO
ALL
ROUND
4325



UNIVERSITY OF WEST LONDON
The Career University

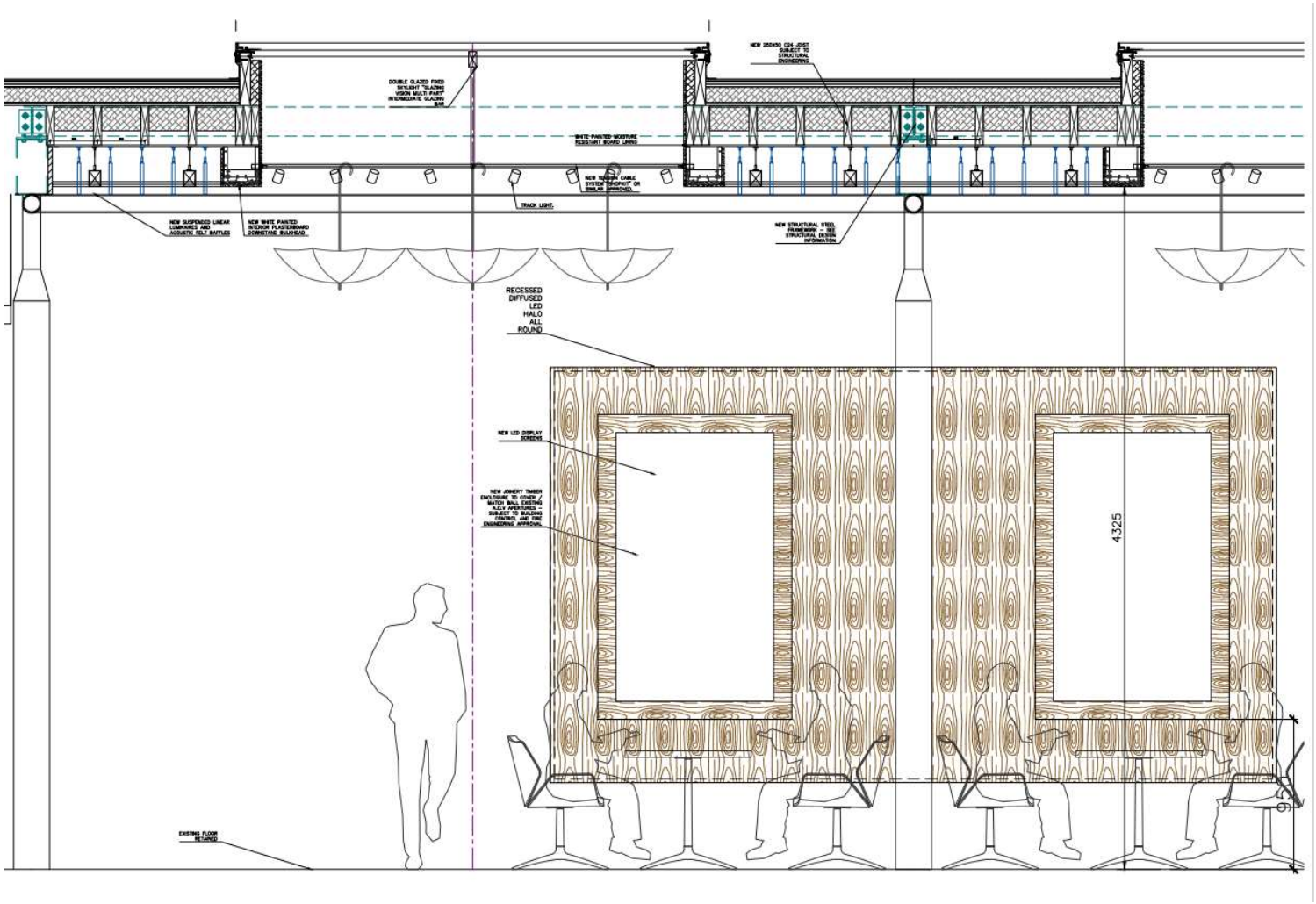
synergia





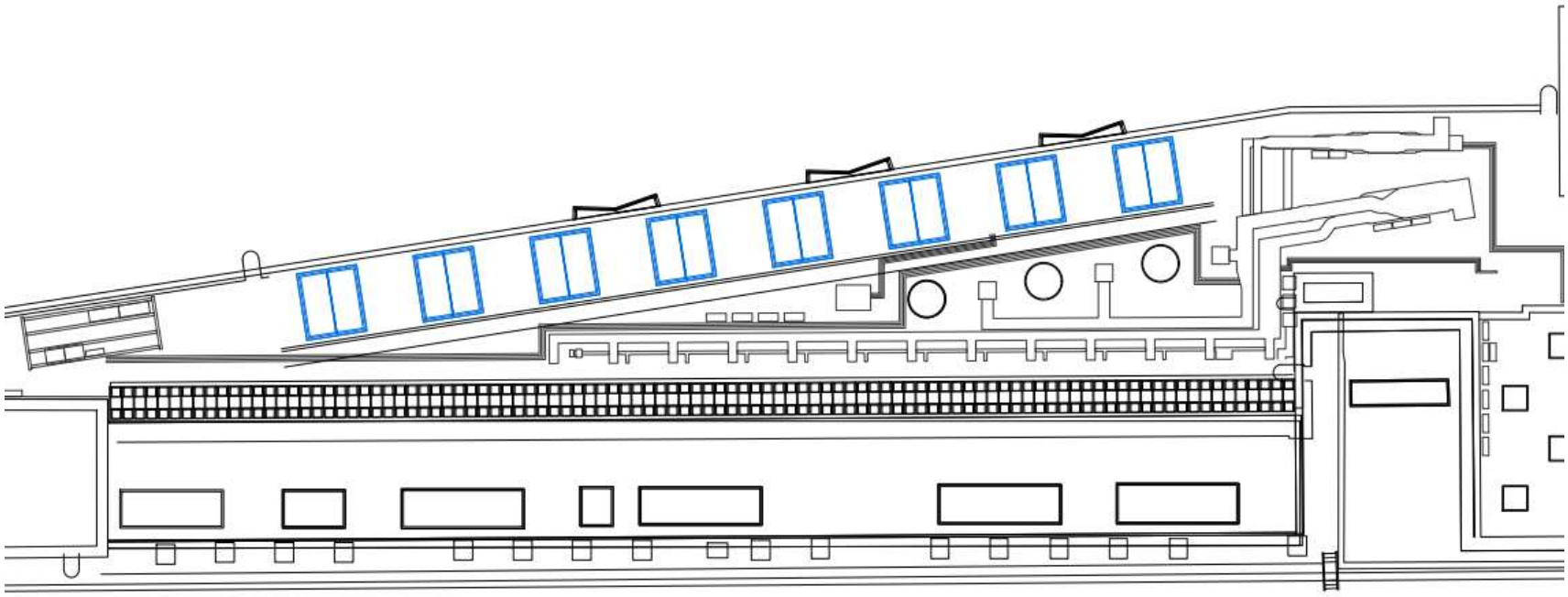
UNIVERSITY OF WEST LONDON
The Career University

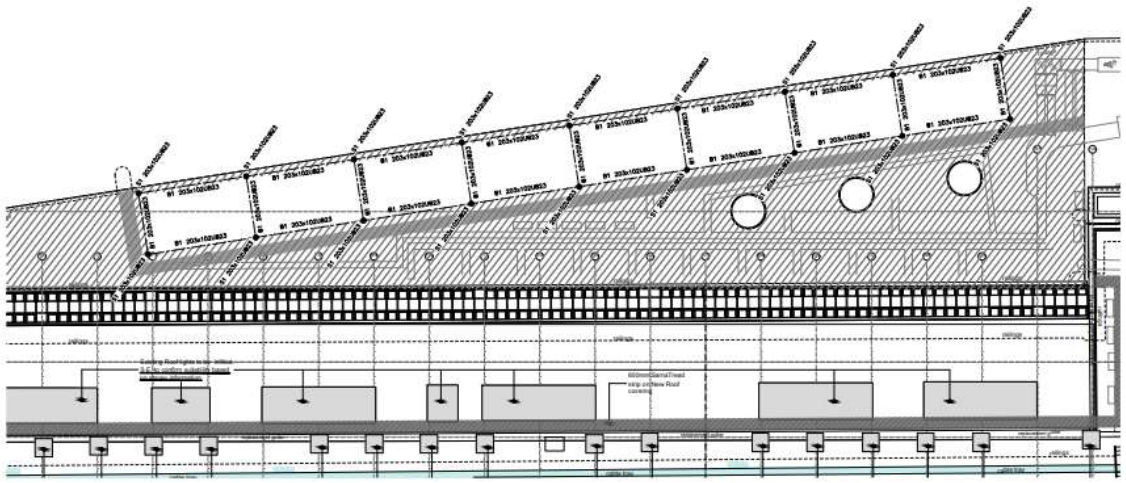
synergia



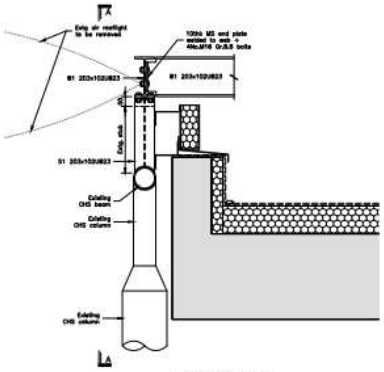
UNIVERSITY OF WEST LONDON
The Career University

synergia

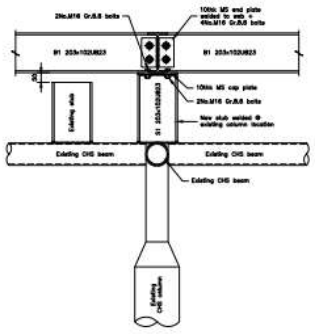




PART FLOOR PLAN SHOWING STRUCTURE OVER
SCALE 1: 100



ROOF PARAPET DETAIL
Scale 1:10



SECTION A–A
Scale 1:10

CONSTRUCTION

Project:
UNIVERSITY OF WEST LONDON
ST MARY'S ROAD CAMPUS

Drawing:
PART FLOOR PLAN
SHOWING STRUCTURE OVER
ROOF PARAPET DETAIL

Scale	Drawn	Checked	Date
1:100 @ A1	SD	JFS	OCT 2023

Job No 22144 | Dwg No 01 | Rev

STRUCTURAL DRAWING RECEIVED FROM UWL 29.02.24

The Street Products

Rooflight

Considerations– all subject to final design and building control approval

1. Fire rating requirement assessment for glazing and roof element. Standards to be considered depending on fire engineering requirements : BS EN 13501-5.

BROOF (T4)
This is the highest rating of roof classification. During this test there will be no penetration of the roof system within 60 minutes. In addition, during the preliminary test, after withdrawal of the test flame, the selected specimens will burn for less than 5 minutes, and the flame spread will be less than 0.38 m across the area of burning.

2. Existing water course to be evaluated and maintained.

3. Approved document Part L. As part of refurbishment of existing buildings other than dwellings – a roof must achieve U-Value of 0.18W/m^2K, or better. The concept shows a warm deck solution with additional insulation between joists).

4. Rooflight to achieve minimum 2.2W/m^2K – but products should be readily available to achieve 1.2W/m^2K. Consideration to be given to upstands and kerbs to achieve minimum standards as set out in part L and by B.R.E.

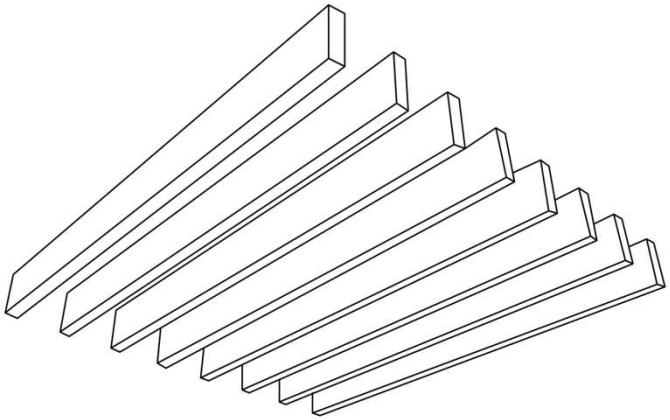
5. Structural engineering design for complete roof design required.

Interior Lighting

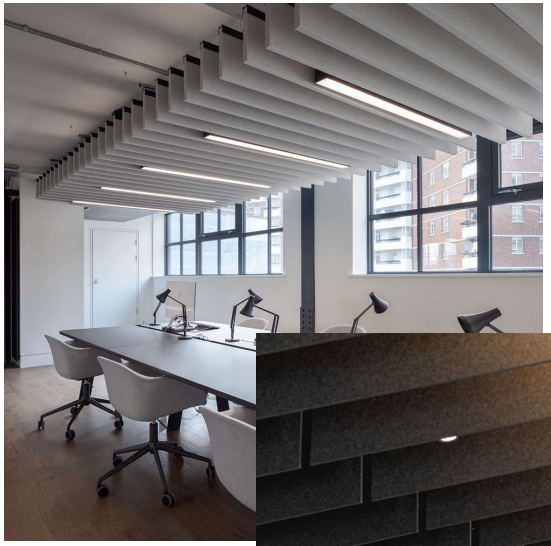
Considerations

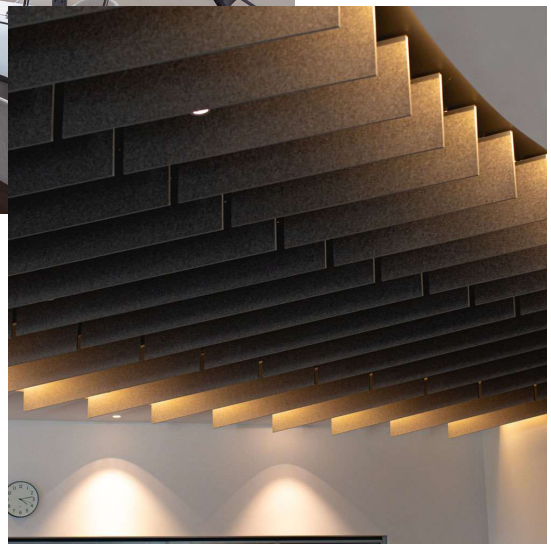
1. Lux calculations
2. LED efficiency
3. Aim to achieve 300lux for consistent light levels

Acoustics



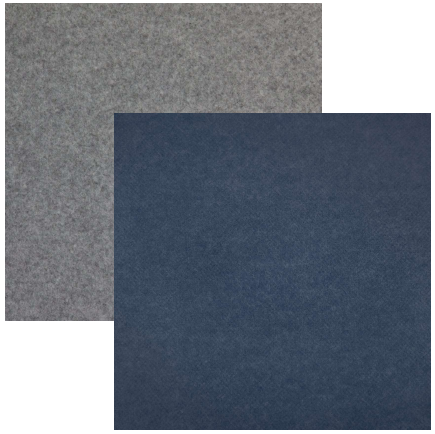
Beam 250





Considerations

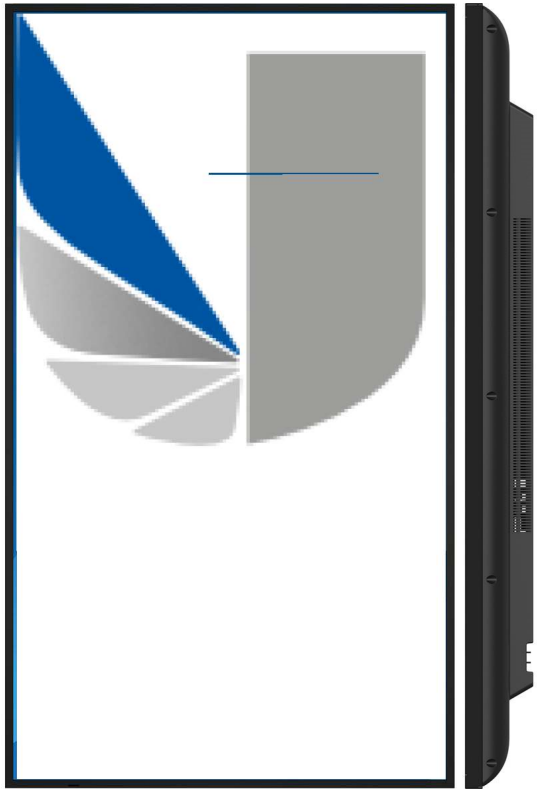
1. Introduce sound attenuating elements to reduce reverberation created by predominantly hard surfaces.



AV

Considerations

1. Possible screen product - iiyama Prolite monitor LH6554UHS-B1AG 65" IPS panel, 4K UHD, 24/7, AntiGlare, Landscape/Portrait with Android OS, FailOver and Intel® SDM slot



synergia

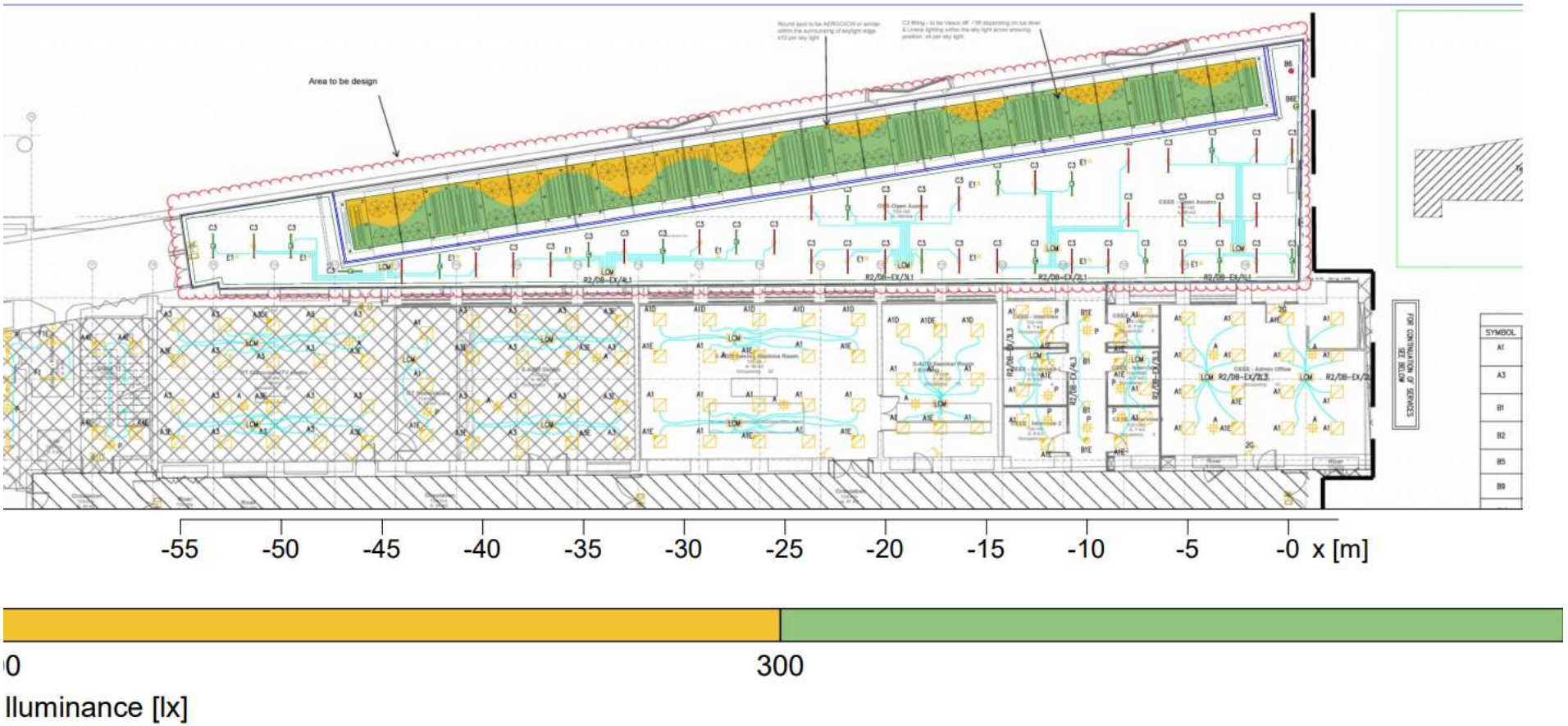
The Street LUX

UNIVERSITY OF WEST LONDON
The Career University

synergia

Luminance calculation visual – 260324

– superseded (awaiting update depending on design)



26.03.24