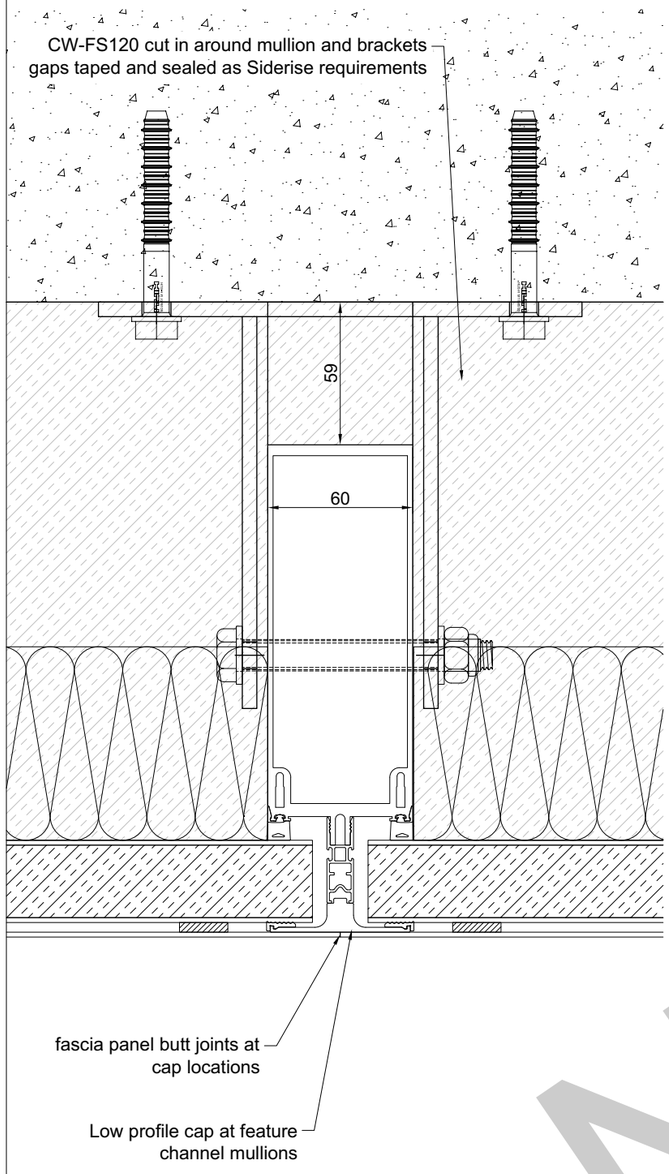
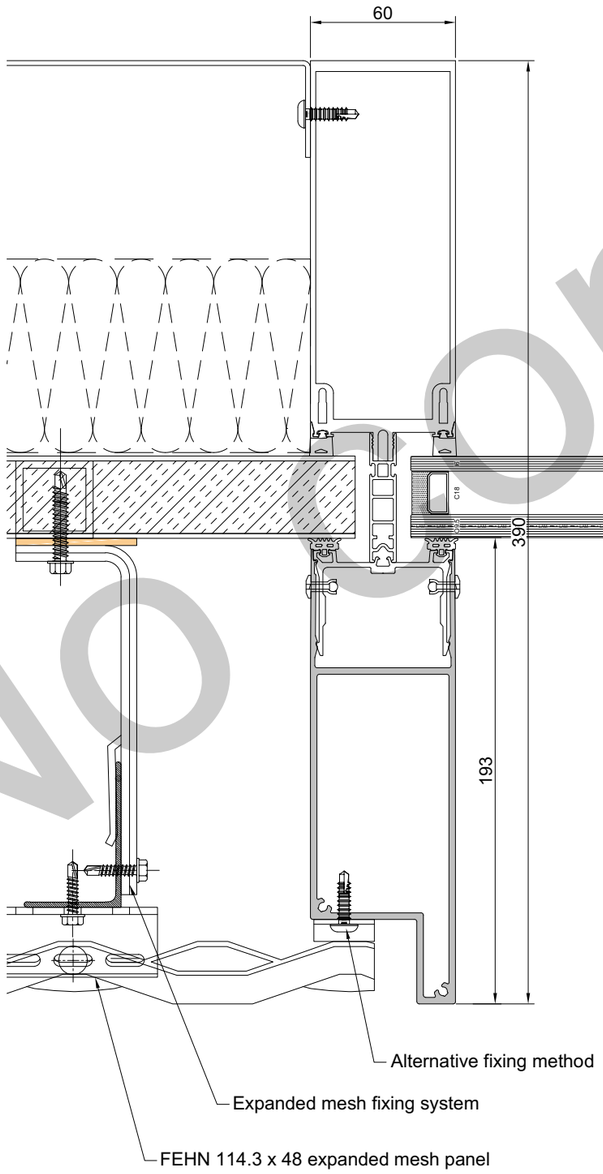
Status Selected by or on behalf of GMI Lead Approver: 17/05/2023

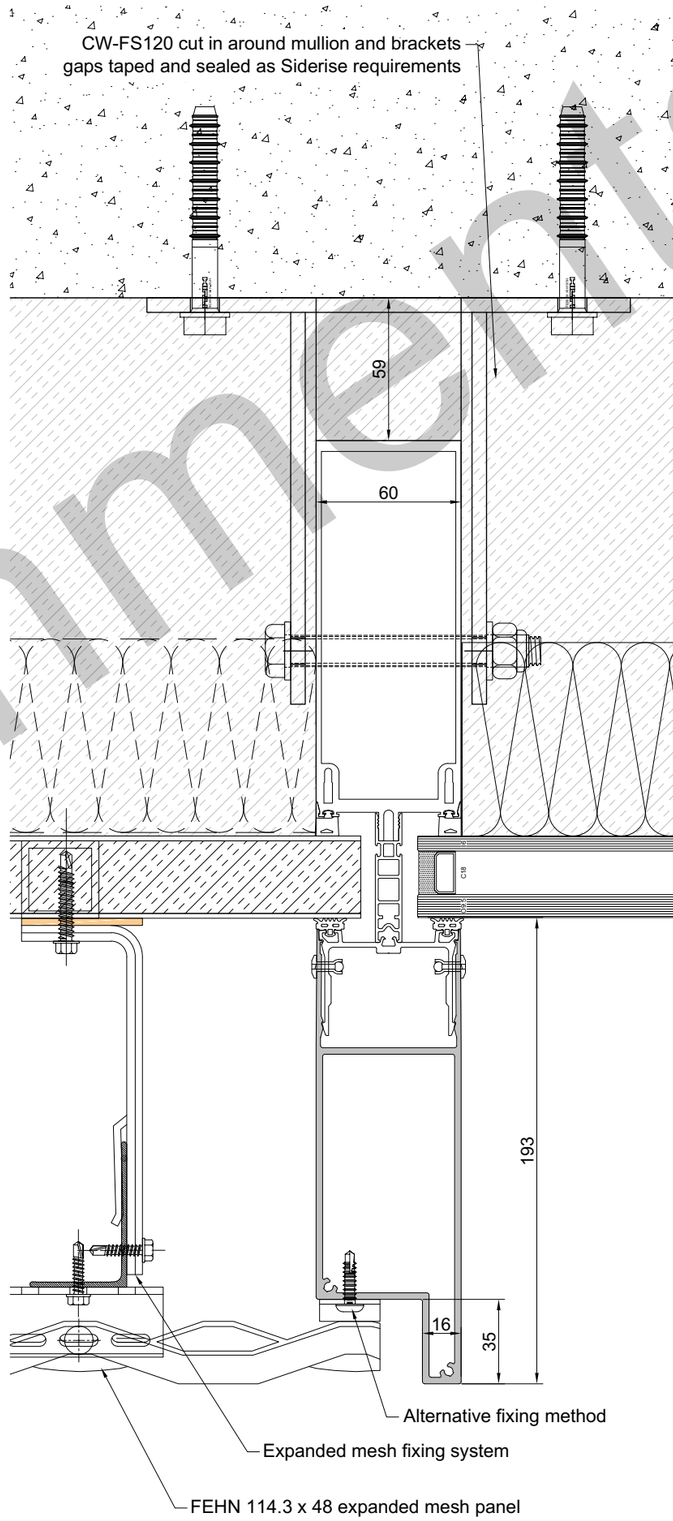
DO NOT SCALE IF IN DOUBT ASK.



1 Mullion detail - At feature channel/slab



2 Mullion detail - At Glass



3 Mullion detail - At spandrel/slab

General Notes:

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REVISIONS

REV	DATE	AMENDMENTS	INTL
P01	20-04-23	Initial issue	NG
P02	02-05-23	Updated in line with SRA comments	NG
C01	11-05-23	Updated in line with SRA comments Clarified glazing specifications Internal panel added Updated to construction issue	NG

******* DESIGN STATUS *******

STATUS 'A'
DRAWING/DESIGN APPROVED WITH NO FURTHER COMMENTS
PROCEED WITH PROCESSING & MANUFACTURE

STATUS 'B'
DRAWING/DESIGN APPROVED SUBJECT TO COMMENTS
AMEND TO COMMENTS, PROCEED WITH PROCESSING & MANUFACTURE

STATUS 'C'
DRAWING/DESIGN NOT APPROVED
AMEND TO COMMENTS, RE-SUBMIT FOR APPROVAL

NOTES

COLOUR

GENERAL Ral7021 MATT to 60µ

SCREEN SPECIFICATION

TECHNAL SYSTEM SECTIONS EXTRUDED FROM ALUMINIUM ALLOY 6063 T6 TO BS 1474.

CURTAIN WALL: TECHNAL TENTAL 60 CURTAIN WALL SYSTEM

FRAME PROFILES PPC RAL:7021M (60µ)

GLASS SPECIFICATION

PRELIMINARY GLAZING - SUBJECT TO FINAL THERMAL SAFETY CHECK
NOTE: TOUGHENED GLAZING UNITS TO BE HEAT SOAK TESTED

GS01
33.5mm Vision glazing
Inner - 6mm clear toughened HST
Cavity - 20mm argon - Black thermal spacer
Outer - 9.5mm clear laminate - SKN183 to inner face
'g' Value 0.38 - 'U' Value 1.0W/m²K - LT 73%

GS01

GS02 (lookalike glazing)
33.5mm DGU
Inner - 6mm toughened HST - Ral:7021m ceramic frit
Cavity - 20mm argon - Black thermal spacer
Outer - 9.5mm clear laminate
'U' Value 1.0W/m²K

GS02

P1
GLAZED IN SANDWICH PANELS BEHIND MESH
O 1.5mm ALUMINIUM PPC TO RAL7021m
CORE - 30mm MINERAL WOOL INSULATION
I 1.5mm GALVANISED STEEL
SECONDARY MINERAL WOOL INSULATION
INTERNAL WHITE PPC ALUMINIUM BACKING PANEL WHERE VISIBLE INTERNALLY

P01

P2
GLAZED IN SANDWICH PANELS AT FEATURE CHANNEL
O 1.5mm GALVANISED STEEL
CORE - 30mm MINERAL WOOL INSULATION
I 1.5mm GALVANISED STEEL
ADDITIONAL EXTERNAL POST FIXED 2mm ALUMINIUM PPC RAL:7021m 60µ
TO RUN CONTINUOUS - JOINTED AT MULLION LOCATIONS WHERE REQUIRED ONLY

P02

M01
FEATURE MESH ASH AND LACY FEHN 114x48x20
FROM EXPANDED 1050AQ ALUMINIUM SHEET
FINISH "NATURAL ANODISED"

M01

M02
AS ABOVE
FINISH UA 140-1 RED DOUBLE COATED

M02

MESH TO BE MANUFACTURED WITHIN ASH AND LACEY MANUFACTURING REQUIREMENTS AND TOLERANCES TO WIDTHS AND HEIGHTS DETERMINED BY MESH PATTERN GEOMETRY WITH SUITABLE EDGE TERMINATION LINE (+10MM FROM PATTERN CENTRE IN WIDTH AND ON PATTERN CENTRE IN HEIGHT)

FIRESTOPPING TO BE SIDERISE CW-FS120 WITH AB10 ACOUSTIC OVERLAY WHERE REQUIRED

QUEST SOLUTIONS (UK) LTD
FABRICATORS & INSTALLERS OF ALUMINIUM AND GLASS SYSTEMS
Quest Solutions (UK) Limited
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Tel: 0845 490 1234
email: enquiries@questsolutionsltd.co.uk

CLIENT NAME:
GMI

PROJECT NAME:
CITY LABS 4.0
-

DRAWING TITLE:
Sample Bay
Mullion Details

STATUS
☐ Preliminary ▲ Approval
○ Construction ◇ As-Built

DRAWN BY: NG

SCALE@A3 NTS

DATE: 20/04/2023

CONTRACT NUMBER: 4400

DRAWING NUMBER: L025-QUE-ZZ-01.02-D-O-403004

REVISION: C01

A - NO COMMENTS

CONSTRUCTION ISSUE - DRAWING / DOCUMENT UNCONTROLLED WHEN PRINTED