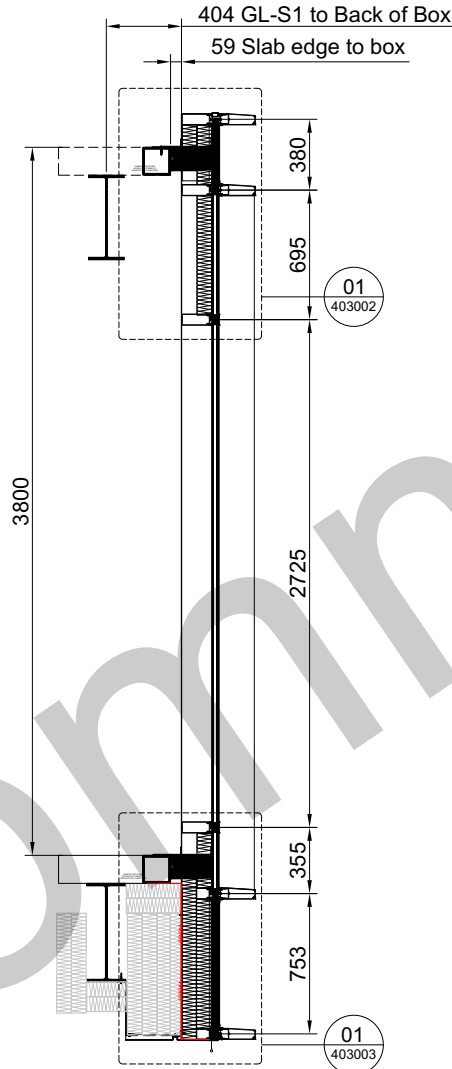
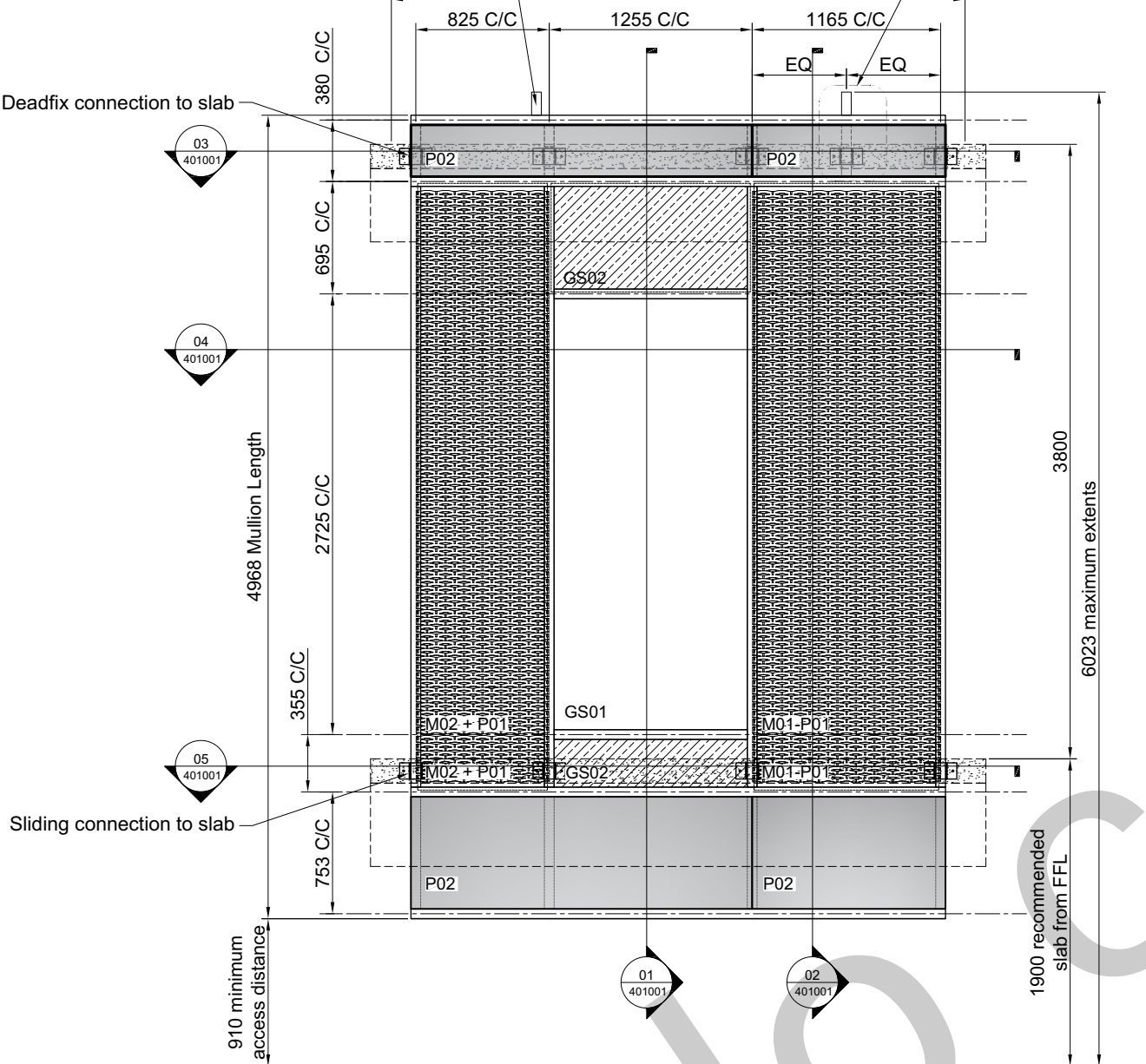


DO NOT SCALE IF IN DOUBT ASK.

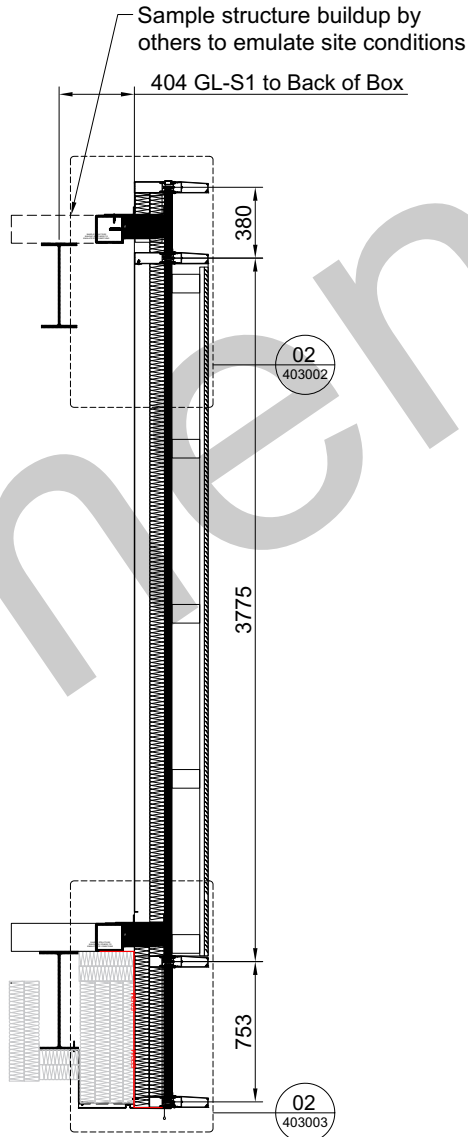
Additional Stub mullion As connection to upper screen  
stub connection at close proximity to mullion below

Minimum 3547 required clear slab extents

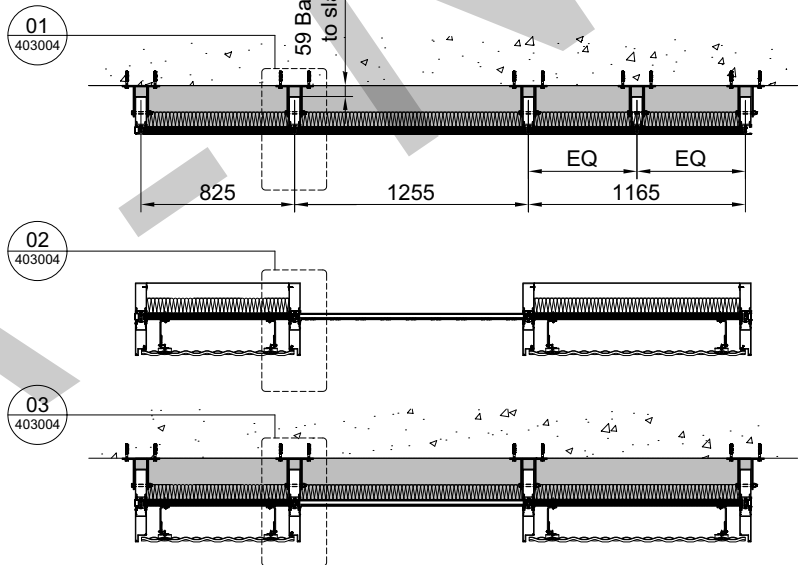
Additional Stub mullion  
As connection to upper screen  
(sliding connection to slab)



1 Vertical section at glazing



2 Vertical section at mesh panel



3 Horizontal Section feature channel

4 Horizontal Section at glazing

5 Horizontal Section at spandrel/slab

**General Notes:**  
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| REV | DATE     | AMENDMENTS                                                                                                                     | INTL |
|-----|----------|--------------------------------------------------------------------------------------------------------------------------------|------|
| P01 | 20-04-23 | Initial issue                                                                                                                  | NG   |
| P02 | 02-05-23 | Updated in line with SRA comments<br>Added additional stub mullion to head to demonstrate connection to screen above           | NG   |
| C01 | 11-05-23 | Updated in line with SRA comments<br>Clarified glazing specifications<br>Internal panel added<br>Updated to construction issue | NG   |

**REVISIONS**

\*\*\*\*\* **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: TECHNICAL TENTAL 60 CURTAIN WALL SYSTEM  
FRAME PROFILES PPC RAL7021M (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%

GS02 (lookalike glazing)  
33.5mm DGU  
Inner - 6mm toughened HST - Ral7021m ceramic frit  
Cavity - 20mm argon - Black thermal spacer  
Outer - 9.5mm clear laminate  
'U' Value 1.0W/m²K

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

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 RAL7021m 60µ  
TO RUN CONTINUOUS - JOINTED AT MULLION LOCATIONS WHERE REQUIRED ONLY

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

M02  
AS ABOVE  
FINISH UA 140-1 RED DOUBLE COATED

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  
Eureway Trading Estate Unit 1, Wharfedale Road,  
Bradford, West Yorkshire, BD4 6GB  
Tel: 0845 490 1234  
email: enquiries@questuklimited.co.uk

CLIENT NAME:  
GMI

PROJECT NAME:  
CITY LABS 4.0

DRAWING TITLE:  
Sample Bay  
General Arrangement

STATUS  
☐ Preliminary ☒ Approval

DATE: 20/04/2023

CONTRACT NUMBER: 4400

DRAWING NUMBER:  
L025-QUE-ZZ-01.02-D-O-401001

REVISION:  
C01

DRAWN BY:  
NG

SCALE@A3  
NTS

- Sequence of installation**
1. Primary structure (MC)
  2. Bracketry installation (QSL)
  3. Stick Installation (QSL)
  4. Glazing and finishing (QSL)
  5. Other works as needed (MC)
- (MC Main Contractor | QSL Quest Solutions)