

This drawing is to be read in conjunction with all other contract documents and specifications and all other consultants drawings.

All levels and dimensions should be checked on site and any discrepancies notified to the Architect prior to proceeding with works.

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NOTES

Moisture resistant boards to replace plasterboard in high humidity areas such as shower rooms. Same fire and acoustic performance to be satisfied.

Plywood pattressing to be provided where required for fixing of wall hung services, handrails, grabrails, fixtures within toilets areas, etc.

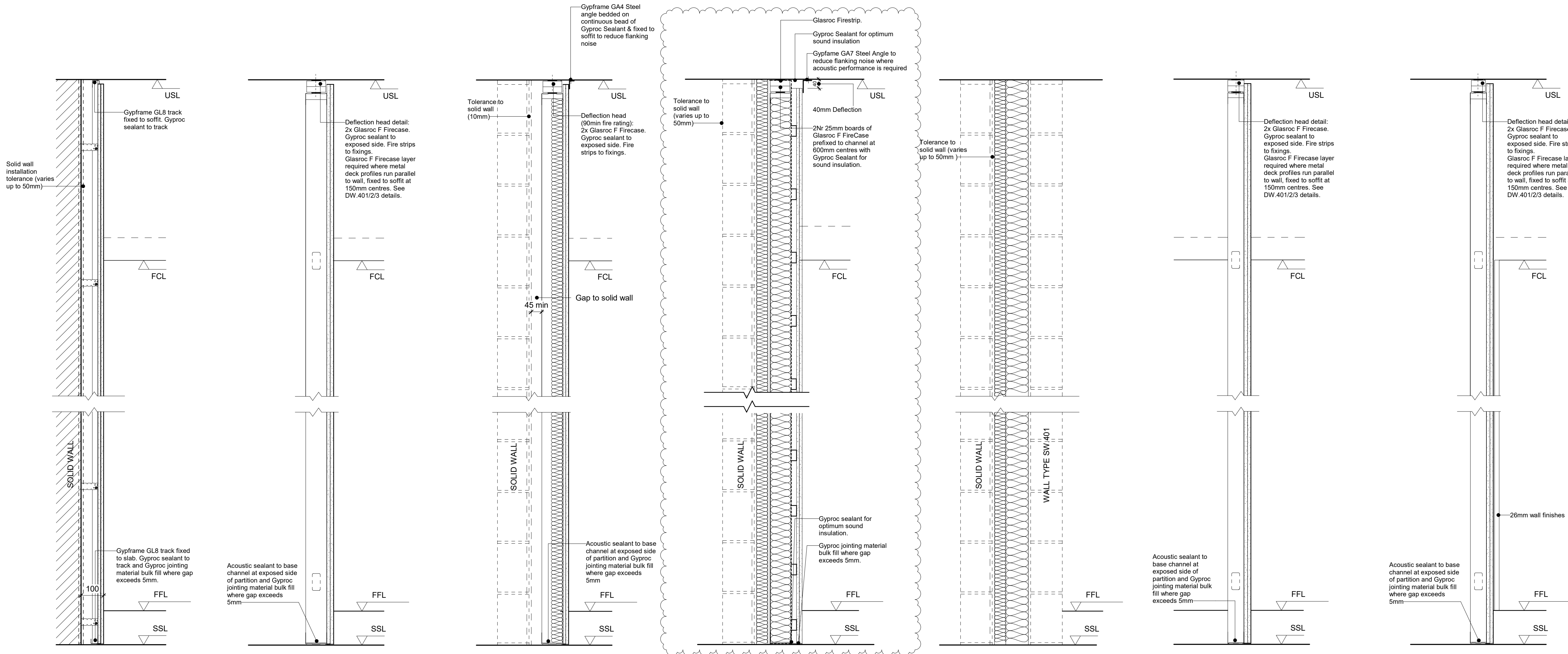
Deflection heads details to suit slab deflection as provided by Structural Engineer's information, and maintain fire performance as specified in the Fire Strategy.

Fire compartmentation ratings to be achieved from both sides of partitions.

All partitions deflection heads and fire encasements to beams to be installed in accordance with Manufacturer's Approved Details.

To be read in conjunction with:
Drawings FSE-EPA-OF-ZZ-PL-A-224070 / 090 / 120 / 140 / 160 / 180;
Architecture specifications:
4.K10: FSE-EPA-OF-XX-SP-A-411100 / 4.F10: FSE-EPA-OF-XX-SP-A-406100;
Thermal Line drawings (EPA OF 80 Series);
Acoustic Compartmentation drawings (EPA OF 81 Series); Acoustic Consultant report;
Fire Compartmentation drawings (EPA OF 82 Series) and Fire Consultant report.

For further details of riser partitions and encasement of steel beams to risers refer to EPA OF 24 Series.



WL.401
4.K10/156

Wall lining
Location: All levels including reception, circulation, office areas and staircases
Fire rating: N/A
Acoustic rating: N/A
Thickness: varies depending on location (50mm minimum, excluding solid wall tolerance)
Maximum height: N/A
System ref.: British Gypsum GypLynr Universal or equal and approved

Stud: GypLynr Universal brackets & channels system fixed to solid wall at 600mm centres*
Boards: Gyproc WallBoard 2x12.5mm**
Thistle MultiFinish.
Substrate: RC or blockwork wall

Plywood pattressing where required for fixing of services / grab rails / fixtures.

* Stud centres subject to wall finishes loading.
** Moisture resistant plasterboard to be used in high humidity areas.



WL.402
4.K10/165

GypLynr IWL Independent wall lining
Location: Shower rooms, reception and circulation corridors
Fire rating: N/A
Acoustic rating: N/A
Thickness: 124mm
Maximum height: 5800mm
System ref.: British Gypsum GypLynr IWL or equal and approved

Stud: Gypframe 92 | 90 "I" Studs @ 600 centres*
Boards side 1: Gyproc WallBoard 2x15mm**
Boards side 2: N/A
Thistle MultiFinish.

Plywood pattressing where required for fixing of services / grab rails / fixtures.

* Stud centres subject to wall finishes loading / height.
** Moisture resistant plasterboard to be used in high humidity areas. Gyproc H Tilebacker to be used in tiled areas (shower rooms).



WL.403
4.K10/166

GypLynr IWL Acoustic wall lining
Location: Walls between plantrooms on levels 04/05 and office areas
Fire rating: 90min**
Acoustic rating: RW 61dB **
Thickness: 165mm
Maximum height: 5800mm
System ref.: British Gypsum B216031 or equal and approved

Stud: Gypframe 92 | 90 "I" Studs @ 600 centres*
Boards side 1: Gyproc SoundBloc 2x15mm
Boards side 2: N/A
50mm Isover steel frame infill batts within studs cavity***.
Min.45mm cavity gap to solid wall.

Plywood pattressing where required for fixing of services / grab rails / fixtures.

* Stud centres subject to wall finishes loading.
** Fire and acoustic performance to be achieved in conjunction with blockwork wall SW.401. Blockwork wall must provide a minimum of 90 minutes fire rating and Rw 45dB acoustic performance.



WL.404
4.K10/167

Thermally Insulated Independent wall lining
Location: B2-01 levels where thermal separation is required including walls to retail unit

Fire rating: N/A*
Acoustic rating: varies depending on location - refer to acoustic consultant report
U-value: 0.24 W/m2K**
Thickness: 181-206mm (depending on location)
Maximum height: 5800mm
System ref.: N/A

Mineral wool insulation fixed directly to solid wall (25-50mm depending on location).
10mm air cavity
GypLynr IWL independent wall lining system (or equal and approved):
Stud: Gypframe 92 / 90 "I" Studs @ 600 centres***.
90mm mineral wool insulation within studs cavity;
Fully sealed VCL 25mm.
Deep galvanized steel top hats.
Boards: Gyproc WallBoard 2x 12.5mm
Thistle MultiFinish.

* Fire performance as required by the Fire Strategy to be achieved by the solid wall.
** Thermal performance to be achieved in conjunction with solid wall (RC concrete or blockwork)
*** Stud centres subject to wall height and finishes loading.

Note: no large format pattressing within studs to avoid loss of thermal performance. Inner layer of plasterboard can be replaced with plywood where required.



WL.405
4.P10/190

Thermally insulated wall lining
Location: Basement and ground floor levels
Fire rating: N/A*
Acoustic rating: N/A
U-value: 0.22 W/m2K**
Thickness: 300mm**
Maximum height: as SW.401
System ref.: N/A (bespoke assembly)

Mineral wool insulation fixed directly to solid wall (150mm)**
10mm installation tolerance
140mm blockwork wall type SW.401

* Fire performance as required by the Fire Strategy to be achieved by the solid wall.

** Reduced insulation of 100mm thickness in a few instances (wall type WL.405a), achieving a U-value of 0.31 W/m2K



WL.406
4.K10/168

Independent wall lining
Location: Between adjacent risers that do not require fire separation (all levels except B2)
Fire rating: N/A
Acoustic rating: N/A
Thickness: 102mm
Maximum height: 5500mm
System ref.: British Gypsum GypLynr IWL or equal and approved

Stud: Gypframe 70 | 70 "I" Studs @ 300 centres*
Boards side 1: Gyproc WallBoard 2x15mm**
Boards side 2: N/A
Thistle MultiFinish.

* Stud centres distance may increase for walls of reduced height.



WL.407
4.K10/169

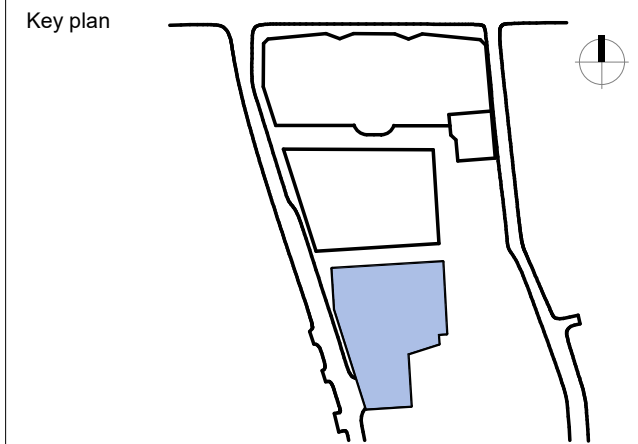
GypLynr IWL Independent wall lining
Location: Superloos
Fire rating: N/A
Acoustic rating: N/A
Thickness: 100mm + 26mm finishes
Maximum height: 4300mm
System ref.: British Gypsum GypLynr IWL or equal and approved

Stud: Gypframe 70 | 70 "I" Studs @ 400 centres*
Boards side 1: Moisture resistant plasterboard 2x15mm** + finishes
Boards side 2: N/A
Thistle MultiFinish.

Plywood pattressing where required for fixing of services / grab rails / fixtures.

* Stud centres subject to wall finishes loading / height.
** Outer layer of plasterboard to be replaced with 15mm plywood where required to provide a suitable substrate for fixing of stone wall panels. Refer to EPA OF 63 Series for further details.

C01	Issued for Construction	26/02/25	EKL	LL
P10	Stage 5 Preliminary Issue	15/10/24	EKL	LL
Rev	Description	Date	By	Chk



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client
City of London Corporation

project
Salisbury Square Development

drawing title
Commercial Building
Internal Wall Types
Typical Details (2 of 3)

scale
1 : 10
@ A1

revision
C01

drawing no.
FSE-EPA-OF-ZZ-DT-A-224810