

S9	Location			
	ALL BLOCKS - SMOKE SHAFT			
	Target	Achieved		
	U-Value O/A	0.26 W/m2 K	0.27	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A*	
	Fire rating	120min	120min	

NOTE:

- Siniat System Ref for S9: IWL 007 (ISSOR)
- Siniat Unique ID for S9: ISSOR-215F#0
- S9 Max height = 2800mm
- No specific acoustic rating. Construction is acoustically appropriate. (RBA email 14.02.23)

S10a	Location			
	BLOCK A & C - WALL BETWEEN RISER SHAFT AND CORE			
	Target	Achieved		
	U-Value O/A	N/A W/m2 K	N/A	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	42 Rw dB**	
	Fire rating	90min	90min**	

NOTE:

- Block A & C riser shafts to achieve 90min FR
- Siniat System Ref for S10a: RNS 109
- Siniat Unique ID for S10a: CH60B-215F#19FC
- S10a Max height = 5100mm
- No specific acoustic rating. Construction is acoustically appropriate. (RBA email 14.02.23)
- **Confirmed in Siniat Project Pack

S10b	Location			
	ALL BLOCKS - WALL BETWEEN SMOKE SHAFT AND CORE			
	Target	Achieved		
	U-Value O/A	N/A W/m2 K	N/A	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	44 Rw dB**	
	Fire rating	120min	120min**	

NOTE:

- All Blocks smoke shafts to achieve 120min FR
- Siniat System Ref for S10b: SW SLUX EI120 003*
- S10b Max height = 4000mm
- No specific acoustic rating. (RBA email 14.02.23)
- **Confirmed in Siniat Project Pack

S11a	Location			
	BLOCKS B & C - LEVEL 0 - WALL BETWEEN SMOKE SHAFT & ANCILLARY SPACES			
	Target	Achieved		
	U-Value O/A	N/A W/m2 K	N/A	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min	

NOTE:

- No specific acoustic rating. (RBA email 14.02.23)

S11b	Location			
	BLOCK C - LEVEL 0 - WALL BETWEEN SPRINKLER TANK RM & ELECT. CUPBOARD			
	Target	Achieved		
	U-Value O/A	N/A W/m2 K	N/A	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min	

NOTE:

- No specific acoustic rating. (RBA email 14.02.23)

S12	Location			
	BLOCK B - SEPARATING WALL BETWEEN COMMERCIAL UNITS			
	Target	Achieved		
	U-Value O/A	0.20 W/m2 K	0.21	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min	

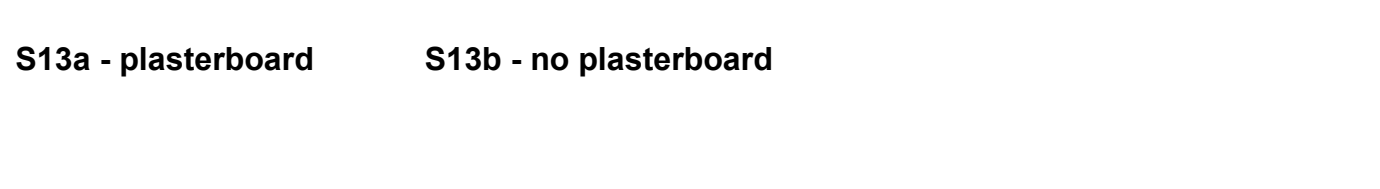
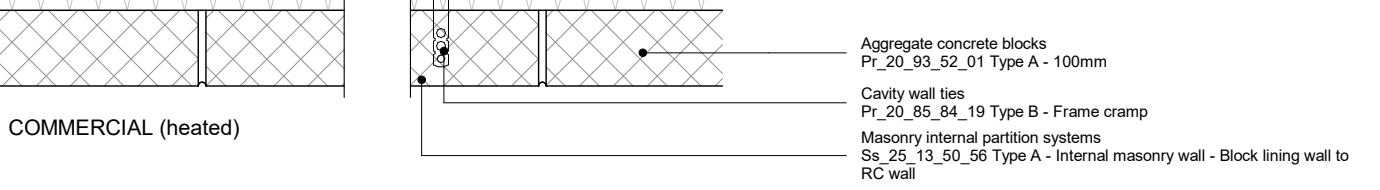
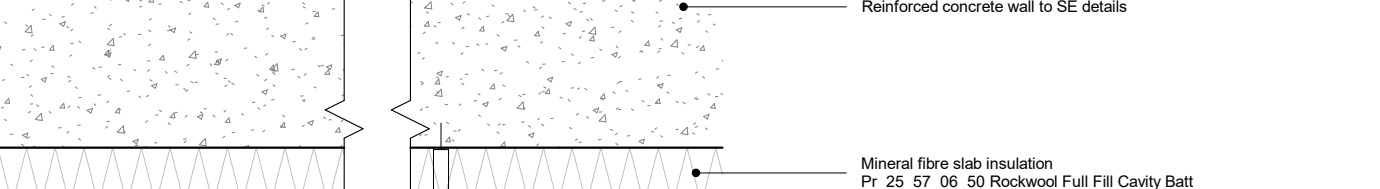
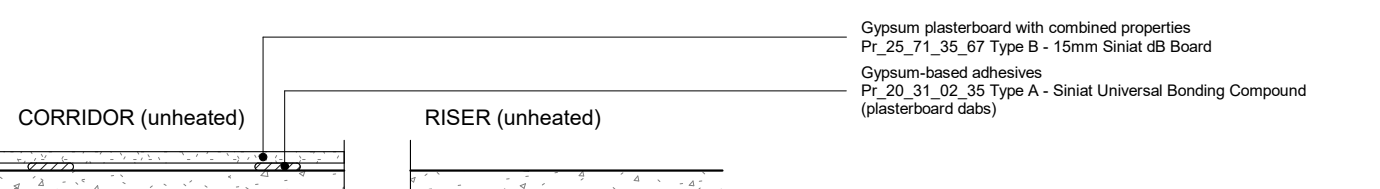
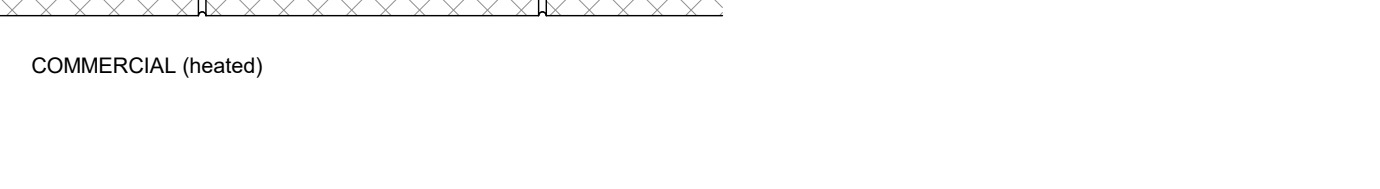
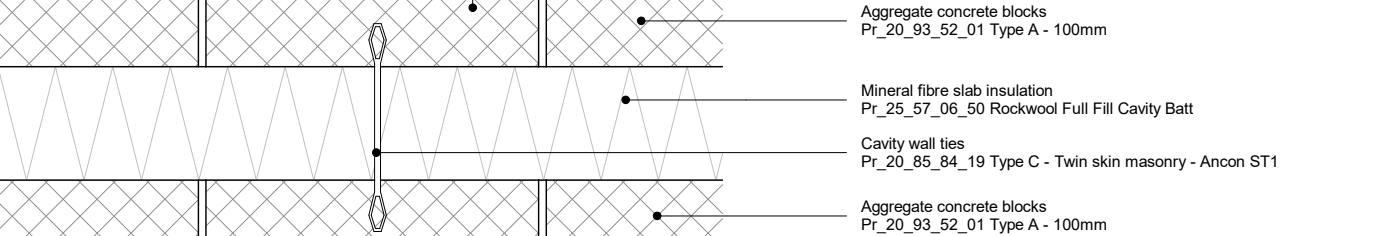
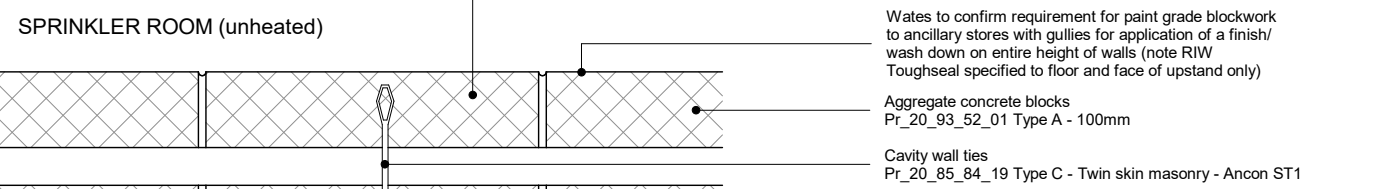
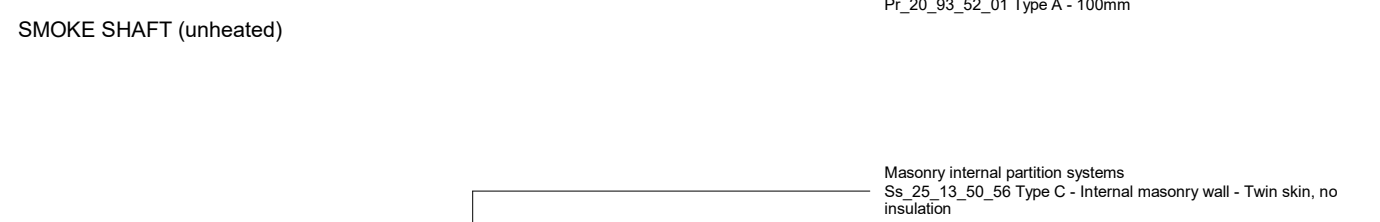
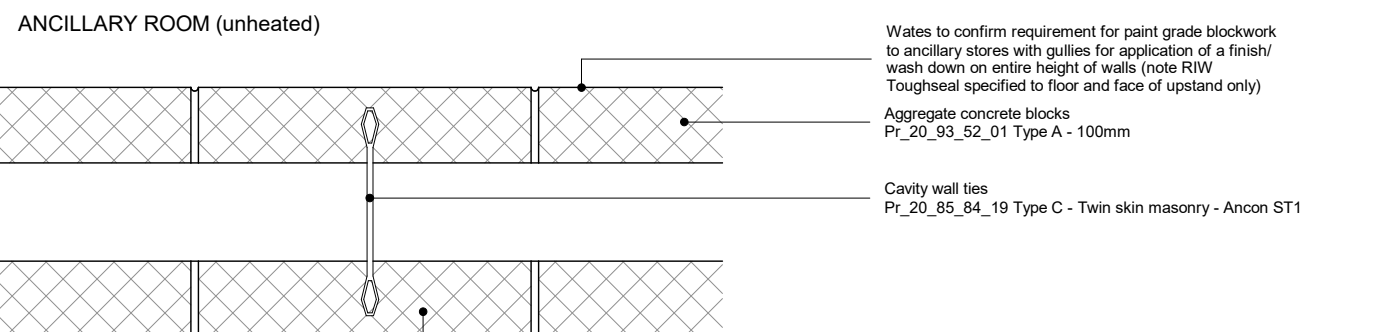
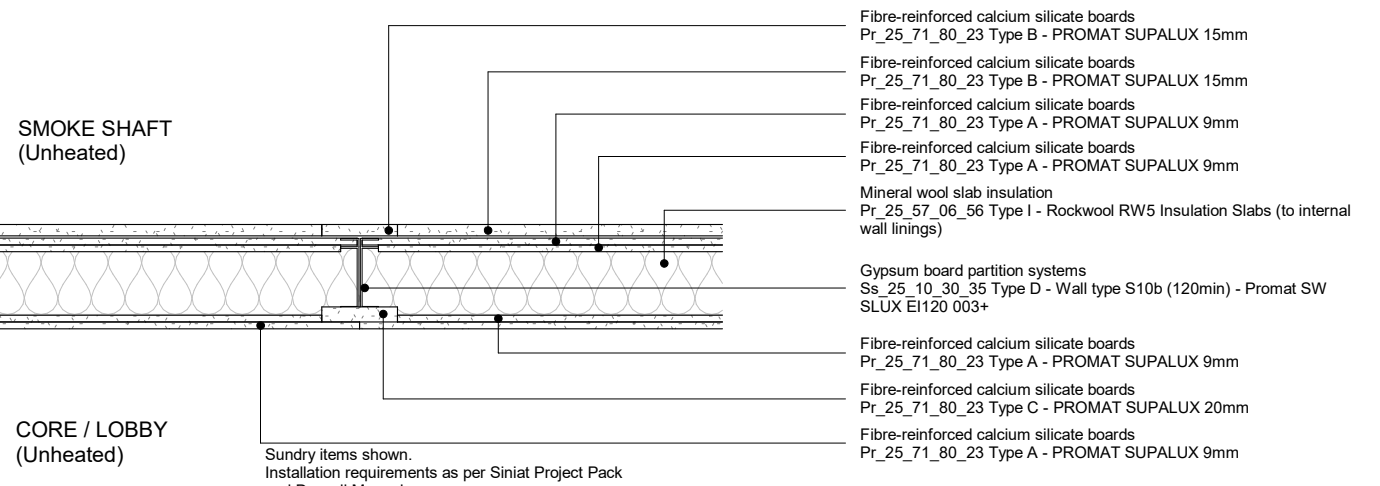
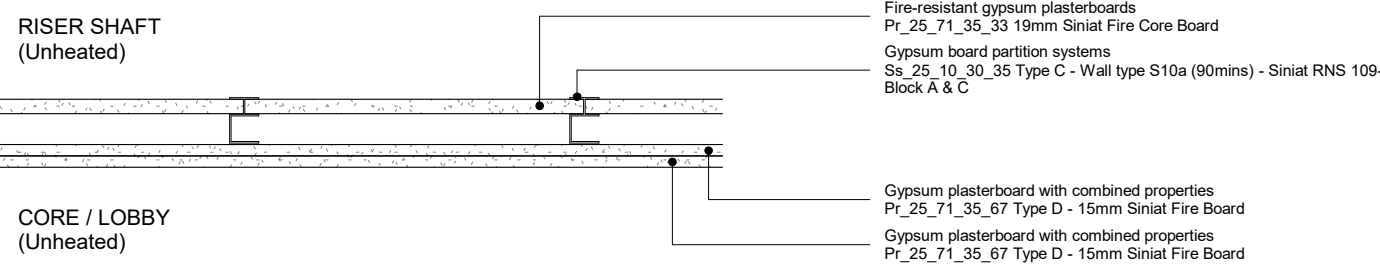
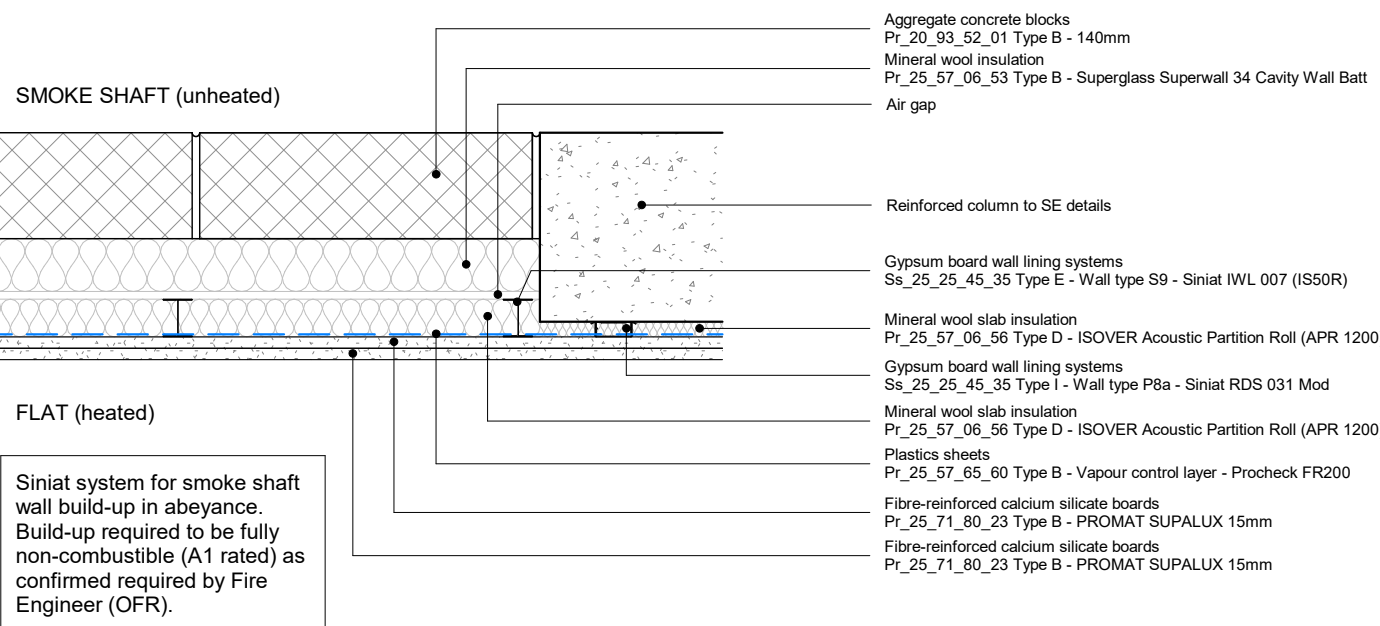
NOTE:

- No specific acoustic rating. Required performance will depend on the incoming tenants, however we suggest the current proposal provides a sensible baseline performance. (RBA email 14.02.23)

S13a / S13b	Location			
	WALL BETWEEN STAIR CORE AND COMMERCIAL			
	Target	Achieved		
	U-Value O/A	0.20 W/m2 K	0.36	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	60min	120min**	

NOTE:

- Siniat System Ref for S13a: GTEC Direct Bond + 15mm dB Board
- Unique ID for S13: Twin(AB)-CSSOR-215dB-140G(200)
- Structural Fire Resistance (OFR Report) Block A: 90mins Block B: 120mins Block C: 60mins
- No specific acoustic rating. (RBA email 14.02.23)
- **225mm RC concrete shear wall confirmed by SE to achieve 120min FR



S14	Location			
	BLOCKS A & B - LEVEL 0 - WALL BETWEEN ANCILLARY SPACES & COMMERCIAL			
	Target	Achieved		
	U-Value O/A	0.20 W/m2 K	0.19	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min	

NOTE:

- No specific acoustic rating. (RBA email 14.02.23)

S15a / S15b	Location			
	ALL BLOCKS - SEPARATING WALL BETWEEN ANCILLARY SPACES AND CORE			
	Target	Achieved		
	U-Value O/A	0.26 W/m2 K	0.21	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min**	

NOTE:

- Siniat System Ref for S15a: GTEC Direct Bond + 15mm dB Board
- Siniat Unique ID for S15a: DB-150B
- Structural Fire Resistance (OFR Report) Block A: 90mins Block B: 120mins Block C: 60mins
- No specific acoustic rating. (RBA email 14.02.23)
- **225mm RC concrete shear wall confirmed by SE to achieve 120min FR

S16a / S16b	Location			
	ALL BLOCKS - WALL BETWEEN ANCILLARY SPACES & COMMON CORRIDORS			
	Target	Achieved		
	U-Value O/A	0.20 W/m2 K	*	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A*	N/A	
	Fire rating	120min	120min	

NOTE:

- Achieved u-value S16a: 0.21 W/m2 K*
- Achieved u-value S16b: 0.19 W/m2 K*
- No specific acoustic rating. Construction is acoustically appropriate. (RBA email 14.02.23)

S17	Location			
	ALL BLOCKS - SEPARATING WALL WITH SACRIFICIAL WALL LINING BOTH SIDES			
	Target	Achieved		
	U-Value O/A	0.0 W/m2 K	0.0	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	See below*	63 Rw dB**	
	Fire rating	60min	90min**	

NOTE:

- Siniat System Ref for S17: RSP 038 Mod
- Unique ID for S17: Twin(AB)-CSSOR-215dB-140G(200)
- S17 Max height = 5300mm
- Structural Fire Resistance (OFR Report) Block A: 90mins Block B: 120mins Block C: 60mins
- *50 dB DnT,w + Cr and 58 dB DnT,w (RBA email 14.02.23)
- **Confirmed in Siniat Project Pack

S17a	Location			
	ALL BLOCKS - SEPARATING WALL WITH SACRIFICIAL WALL LINING TO ONE SIDE			
	Target	Achieved		
	U-Value O/A	0.0 W/m2 K	0.0	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	See below*	63 Rw dB**	
	Fire rating	60min	90min**	

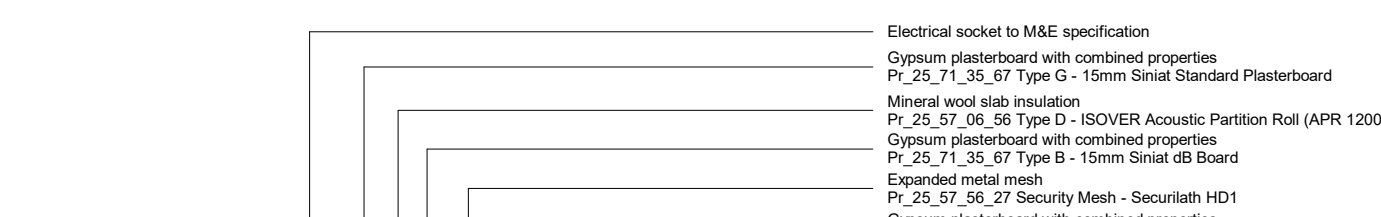
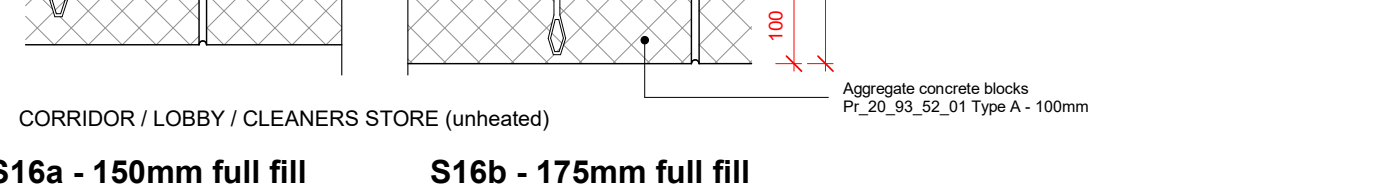
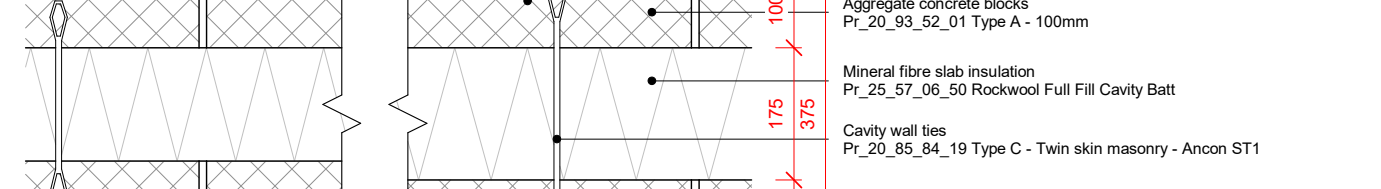
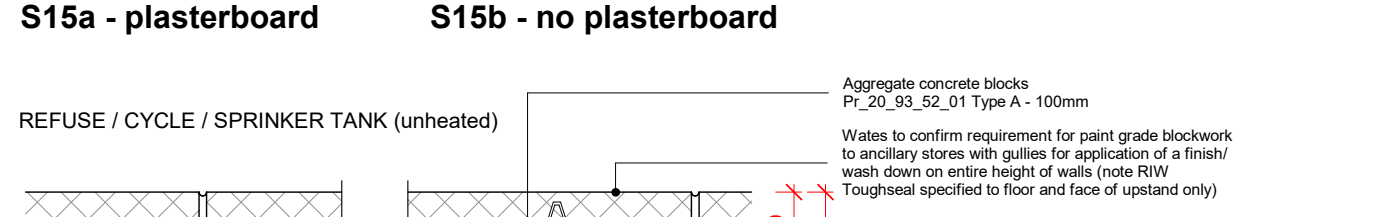
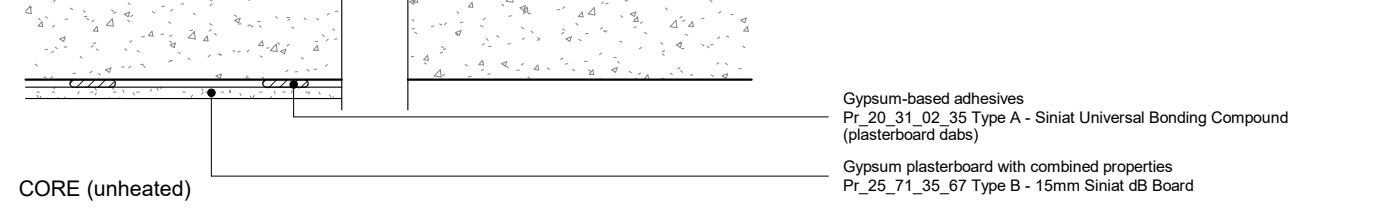
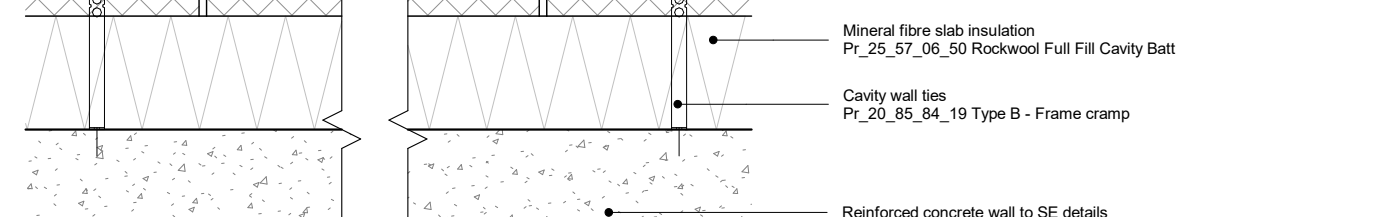
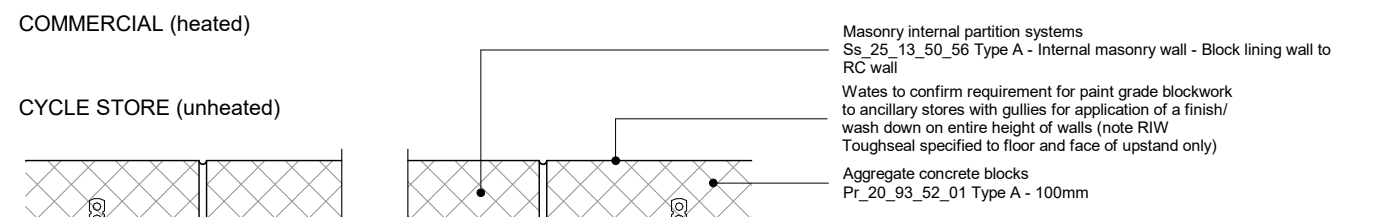
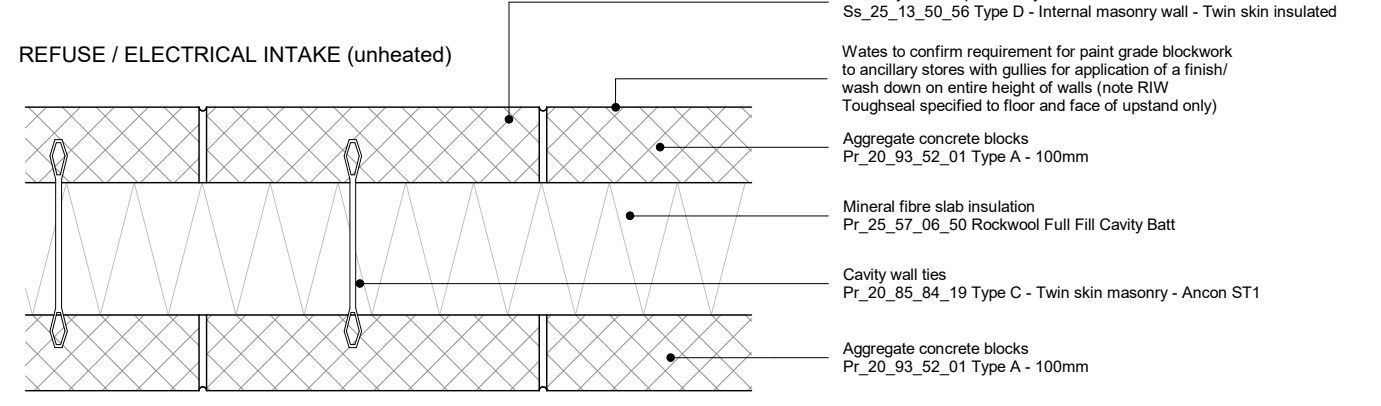
NOTE:

- Siniat System Ref for S17a: RSP 038 Mod
- Unique ID for S17a: Twin(AB)-CSSOR-215dB-140G(200)
- S17a Max height = 5300mm
- Structural Fire Resistance (OFR Report) Block A: 90mins Block B: 120mins Block C: 60mins
- *50 dB DnT,w + Cr and 58 dB DnT,w (RBA email 14.02.23)
- **Confirmed in Siniat Project Pack

S18	Location			
	BLOCK B & C - SACRIFICIAL WALL LINING TO ONE SIDE - DWELLING AND CORRIDOR			
	Target	Achieved		
	U-Value O/A	0.0 W/m2 K	0.0	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	See below*	63 Rw dB**	
	Fire rating	60min	90min**	

NOTE:

- Siniat System Ref for S18: RSP 038 Mod
- Unique ID for S18: Twin(AB)-CSSOR-215dB-140G(200)
- S18 Max height = 5300mm
- Structural Fire Resistance (OFR Report) Block A: 90mins Block B: 120mins Block C: 60mins
- *50 dB DnT,w + Cr and 58 dB DnT,w (RBA email 14.02.23)
- **Confirmed in Siniat Project Pack



P1	Location			
	ALL BLOCKS - DWELLING INTERNAL PARTITIONS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		40 dB Rw*	40 dB Rw**	
Fire rating		N/A	30min**	

NOTE:

- Siniat System Ref for P1: RSP 006
- Siniat Unique ID for P1: CS70R-12dB
- P1 Max height = 4500mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P2	Location			
	ALL BLOCKS - DWELLING INTERNAL PARTITIONS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		40 dB Rw*	40 dB Rw**	
Fire rating		N/A	30min**	

NOTE:

- Siniat System Ref for P2: RSP 006 Mod
- Siniat Unique ID for P2: CS70R-12dB12FM
- P2 Max height = 4500mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P3	Location			
	ALL BLOCKS - DWELLING INTERNAL PARTITIONS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		40 dB Rw*	40 dB Rw**	
Fire rating		N/A	30min**	

NOTE:

- Siniat System Ref for P3: RSP 006 Mod
- Siniat Unique ID for P3: CS70R-12FM
- P3 Max height = 4500mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P4	Location			
	ALL BLOCKS - DWELLING INTERNAL PARTITIONS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		40 dB Rw*	40 dB Rw**	
Fire rating		N/A	30min**	

NOTE:

- Siniat System Ref for P4: RSP 006 Mod
- Siniat Unique ID for P4: CS70R-12dB12FM
- P4 Max height = 4500mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P5	Location			
	ALL BLOCKS - COMMUNAL INTERNAL PARTITION			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	42 Rw dB**	
Fire rating		60min	60min**	

NOTE:

- Siniat System Ref for P5: RUP 127
- Siniat Unique ID for P5: CS90R-15Un15dB
- P5 Max height = 4500mm
*No specific acoustic rating (RBA email 14.02.23)
**Confirmed in Siniat Project Pack

P6	Location			
	BLOCK A - GROUND FLOOR COMMUNAL INTERNAL PARTITION			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	58 Rw dB**	
Fire rating		90min	90min**	

NOTE:

- Siniat System Ref for P6: RUP 140
- Siniat Unique ID for P6: CS90R-15Un15dB-50G
- P6 Max height = 4500mm
*No specific acoustic rating (RBA email 14.02.23)
**Confirmed in Siniat Project Pack

P7a	Location			
	ALL BLOCKS - LINING SYSTEM TO AREAS OF BOXING OUT			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	35 Rw**	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P7a: IWL 005 (IS70B) Mod
- Siniat Unique ID for P7a: IS09R-215dB90
- P7a Max height = 5000mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P7b	Location			
	ALL BLOCKS - SVP BOXING			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P7b: IWL 005 (IS50R)
- Siniat Unique ID for P7b: IS09R-215dB90-25G
- P7b Max height = 5000mm
*Confirmed by RBA email 22.02.23 There is no specific acoustic rating for this detail. Our advice is provided based on our experience with SVP treatment across historical sites and providing suitable occupant comfort. Refer to RBA's internal Building Fabric Assessment Section 12.0 for Details.

P7c	Location			
	ALL BLOCKS - SVP BOXING WITHIN STORAGE CUPBOARDS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P7c: IWL 005 (IS50R)
- Siniat Unique ID for P7c: IS09R-215dB90-25G
- P7c Max height = 5000mm
*Confirmed by RBA email 22.02.23 There is no specific acoustic rating for this detail. Our advice is provided based on our experience with SVP treatment across historical sites and providing suitable occupant comfort. Refer to RBA's internal Building Fabric Assessment Section 12.0 for Details.

P8	Location			
	SACRIFICIAL WALL LINING TO KITCHENS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P8: RDS 031 Mod
- Siniat Unique ID for P8: DL-15dB
- Sacrificial lining does not have inherent performance. This is provided by the wall build-up the lining is applied to. (RBA email 14.02.23)

P8a	Location			
	WALL LINING TO COLUMNS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P8a: RDS 031 Mod
- Siniat Unique ID for P8a: DL-15dB
- Sacrificial lining does not have inherent performance. This is provided by the wall build-up the lining is applied to. (RBA email 14.02.23)

P9	Location			
	ALL BLOCKS - DOT & DAB LINING TO COLUMNS WITHIN DWELLINGS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A**	N/A	

NOTE:

- Siniat System Ref for P9: GTEC Direct Bond + 15mm dB Board
- Siniat Unique ID for P9: DB-15dB
- Structural Fire Resistance (OFR Report)
Block A: 50mins Block B: 120mins Block C: 60mins
*No acoustic requirement (RBA email 17.05.23)
**No fire performance required to lining systems applied to columns (OFR email 17.05.23)

P7a	Location			
	ALL BLOCKS - LINING SYSTEM TO AREAS OF BOXING OUT			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	35 Rw**	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P7a: IWL 005 (IS70B) Mod
- Siniat Unique ID for P7a: IS09R-215dB90
- P7a Max height = 5000mm
*Confirmed in RBA email 14.02.23
**Confirmed in Siniat Project Pack

P7b	Location			
	ALL BLOCKS - SVP BOXING			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

REFER TO:
ARP3-PTE-ZZ-ZZ-DR-A-22413 FOR SVP OFFSET DETAIL TO HAB ROOMS &
ARP3-PTE-ZZ-ZZ-DR-A-22414 FOR SVP OFFSET DETAIL TO NON HAB ROOMS

P7c	Location			
	ALL BLOCKS - SVP BOXING WITHIN STORAGE CUPBOARDS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P7c: IWL 005 (IS50R)
- Siniat Unique ID for P7c: IS09R-215dB90-25G
- P7c Max height = 5000mm
*Confirmed by RBA email 22.02.23 There is no specific acoustic rating for this detail. Our advice is provided based on our experience with SVP treatment across historical sites and providing suitable occupant comfort. Refer to RBA's internal Building Fabric Assessment Section 12.0 for Details.

P8	Location			
	SACRIFICIAL WALL LINING TO KITCHENS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P8: RDS 031 Mod
- Siniat Unique ID for P8: DL-15dB
- Sacrificial lining does not have inherent performance. This is provided by the wall build-up the lining is applied to. (RBA email 14.02.23)

P8a	Location			
	WALL LINING TO COLUMNS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P8a: RDS 031 Mod
- Siniat Unique ID for P8a: DL-15dB
- Sacrificial lining does not have inherent performance. This is provided by the wall build-up the lining is applied to. (RBA email 14.02.23)

P8a	Location			
	WALL LINING TO COLUMNS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A	N/A	

NOTE:

- Siniat System Ref for P8a: RDS 031 Mod
- Siniat Unique ID for P8a: DL-15dB
- Sacrificial lining does not have inherent performance. This is provided by the wall build-up the lining is applied to. (RBA email 14.02.23)

P9	Location			
	ALL BLOCKS - DOT & DAB LINING TO COLUMNS WITHIN DWELLINGS			
		Target	Achieved	
	U-Value O/A	N/A	W/m2 K	N/A W/m2 K
Acoustic Rating Airbourne:		N/A*	N/A	
Fire rating		N/A**	N/A	

NOTE:

- Siniat System Ref for P9: GTEC Direct Bond + 15mm dB Board
- Siniat Unique ID for P9: DB-15dB
- Structural Fire Resistance (OFR Report)
Block A: 50mins Block B: 120mins Block C: 60mins
*No acoustic requirement (RBA email 17.05.23)
**No fire performance required to lining systems applied to columns (OFR email 17.05.23)

GENERAL NOTES:
This drawing is © 2019 Pollard Thomas Edwards LLP (PTE).
Use figured dimensions only. **DO NOT SCALE.**

All dimensions are in millimetres unless noted otherwise.

This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants.

If in doubt, ask.

SETTING OUT NOTES:
All setting out to be confirmed on site prior to construction - any discrepancy must be immediately reported to the Architect.

All setting out to face of structure or to grid. All partitions set out to studwork or structure.

For setting out and specification of M&E services refer to M&E Consultants documents.

For setting out and specification of structure refer to Structural Engineer's documents.

General Detail Notes:

00 Series for Accommodation Schedules
01 Series for Existing Site
02 Series for Proposed Site
03 Series for GA Plans
04 Series for Sections
05 Series for Elevations
16 Series for Below Ground
21 Series for External Walls
22 Series for Internal Walls
24 Series for Stairs & Cores
27 Series for Roof
31 Series for External Windows & Doors
32 Series for Internal Doors
34 Series for Balconies, Terraces & Walkways
35 Series for Reflected Ceiling Plans
40 Series for Build-up & Floor Finishes
68 Series for Fire Strategy
71 Series for Signage
72 Series for Wardrobe & Joinery
73 Series for Kitchens
80 Series for Dwelling Plans
81 Series for Metailwork
90 Series for External Works
99 Series for Convergence Plans

Refer to the following for typical type drawings:

ARP3-PTE-ZZ-ZZ-DR-A-21401 - External Wall Types - Sheet 1
ARP3-PTE-ZZ-ZZ-DR-A-21402 - External Wall Types - Sheet 2
ARP3-PTE-ZZ-ZZ-DR-A-22401 - Internal Wall Types - Sheet 1
ARP3-PTE-ZZ-ZZ-DR-A-22402 - Internal Wall Types - Sheet 2
ARP3-PTE-ZZ-ZZ-DR-A-22403 - Internal Wall Types - Sheet 3
ARP3-PTE-ZZ-ZZ-DR-A-40401 - Floor Types - Sheet 1
ARP3-PTE-ZZ-ZZ-DR-A-40402 - Floor Types - Sheet 2
ARP3-PTE-ZZ-RF-DR-A-27401 - Roof Types

Fire
For fire strategy refer to OFR document Abbey Area Stage 3 Fire Strategy Report FS-CIC - to be updated by OFR for Stage 4. All blocks should adhere to the recommendations within BS 9999, BS 9981 or ADB as set out in the OFR strategy.

All details to be reviewed and approved as compliant by OFR, BCO and the Building Warranty provider.

For wall performance, as provided by OFR, refer to PTE 167 series fire strategy drawings. Continuity of fire performance needs to be maintained, so where penetrations are made these need to be fire rated to achieve the same performance as the wall / floor. All framed wall build-ups are to be installed as a tested system to provide certification of the fire performance. All penetrations to be fire rated.

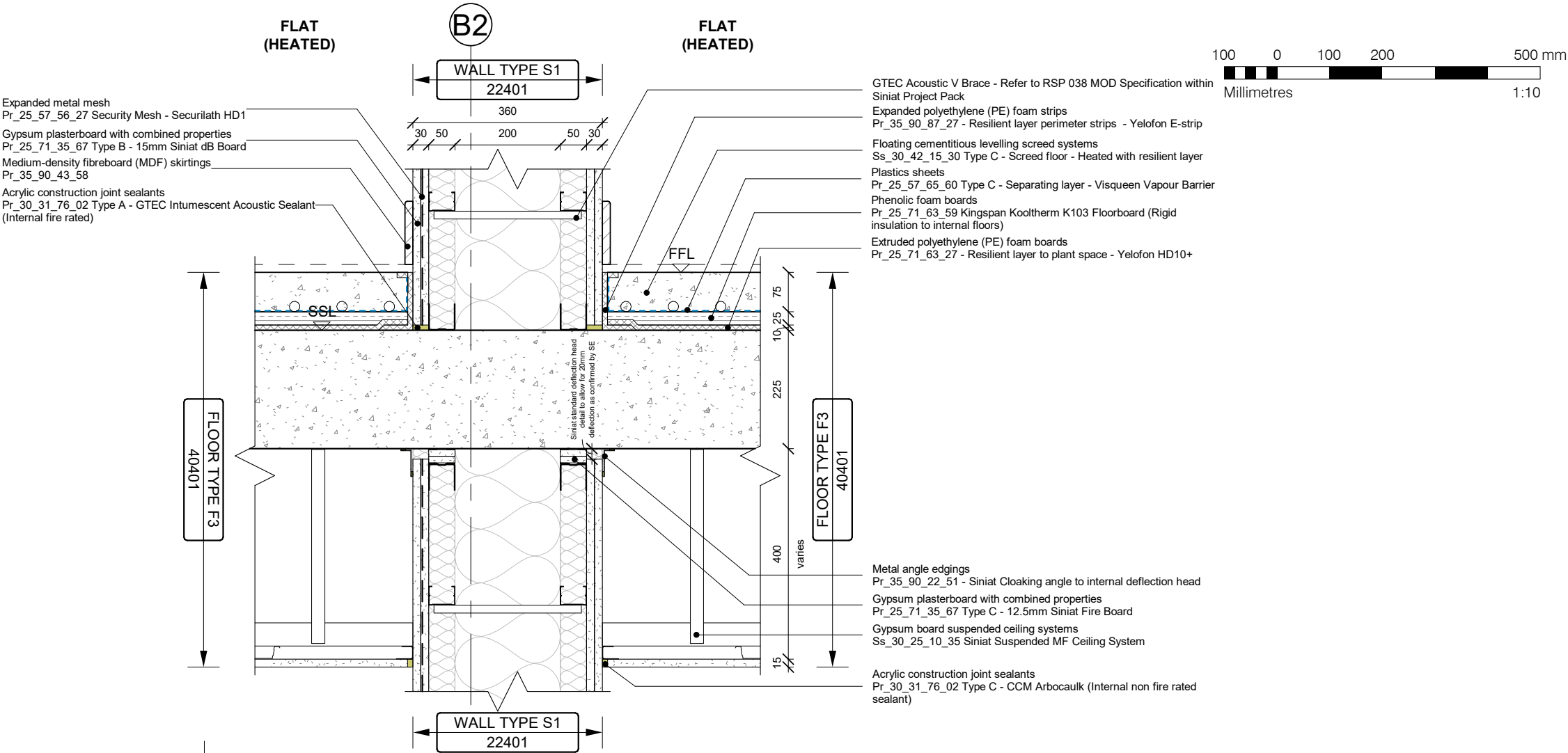
External walls to be constructed in accordance with Regulation (72), which states only Class A1 or A2-s1, d0 materials will be permitted to form part of the external wall (or specified attachment), subject to a number of exceptions as noted in Regulation 7(3).

The Contractor shall ensure all materials used are compliant with the relevant fire performance classification and shall have a specific register of materials used within the external walls and specified attachments and shall confirm the materials on the list have been checked and passed as compliant by an experienced and competent fire engineer and Building Control Body. It shall be the strict responsibility of the Contractor to ensure only materials included in the list are used in the construction of external walls and specified attachments.

Acoustic
Performance based guidance provided by RBA, refer to RBA documents: External Building Fabric Assessment, 29 April 2022, Revision 4 & Internal Building Fabric Assessment, 29 November 2022, Revision 0. Continuity of performance needs to be maintained, so where penetrations are made these need to be acoustically rated. Separating walls sound insulation to exceed Building Regulation requirements by providing at least a 5dB improvement.

Masonry support and restraint

All masonry support and restraint elements are to structural engineer and specialist subcontractor design.
All secondary steel work shown indicatively to subcontractor design. Fire protection to steel work to Structural Engineer's design.



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Drawing Notes:

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External Wall Types
SFS External wall types have been specified as manufacturers fire and acoustic test certified systems e.g. drylining / SFS / sheathing board tested components certified for use as a specified system. Wall types to be installed as per manufacturers standard details and specification. SFS wall system to achieve same fire rating as fire barriers.

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Internal wall types have been specified as manufacturer's fire and acoustic test certified systems. Wall types to be installed as per manufacturer's standard details & specification and must comply with the requirements of the Acoustic and Fire Reports.
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Plasterboard to wet areas (bathrooms, WCs and kitchens) to be moisture resistant.
Electrical accessories must not be positioned back-to-back in party walls.

U-values
Target u-values stated on drawings have been provided by AECOM. Achieved u-values have been provided by calculations undertaken by insulation manufacturers and are subject to confirmation from specialist subcontractors.

Roof Types
All waterproofing systems to be installed to manufacturer's standard details to achieve the certified performance.

Roof coverings
Build-up must achieve at least AA, AB or AC (national class) or BROOF(14) (European Class). Performance of build-up must be verified by test certification by a recognised body.

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P3	26.05.23	Internal Wall Details revised for Drylining Package	LN	DC
P2	10.03.23	Client comments incorporated	LN	DC
P1	24.02.23	Level 2 issue - Internal Wall Details	LN	DC

rev	date	description	drawn	audited
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**Pollard
Thomas
Edwards**

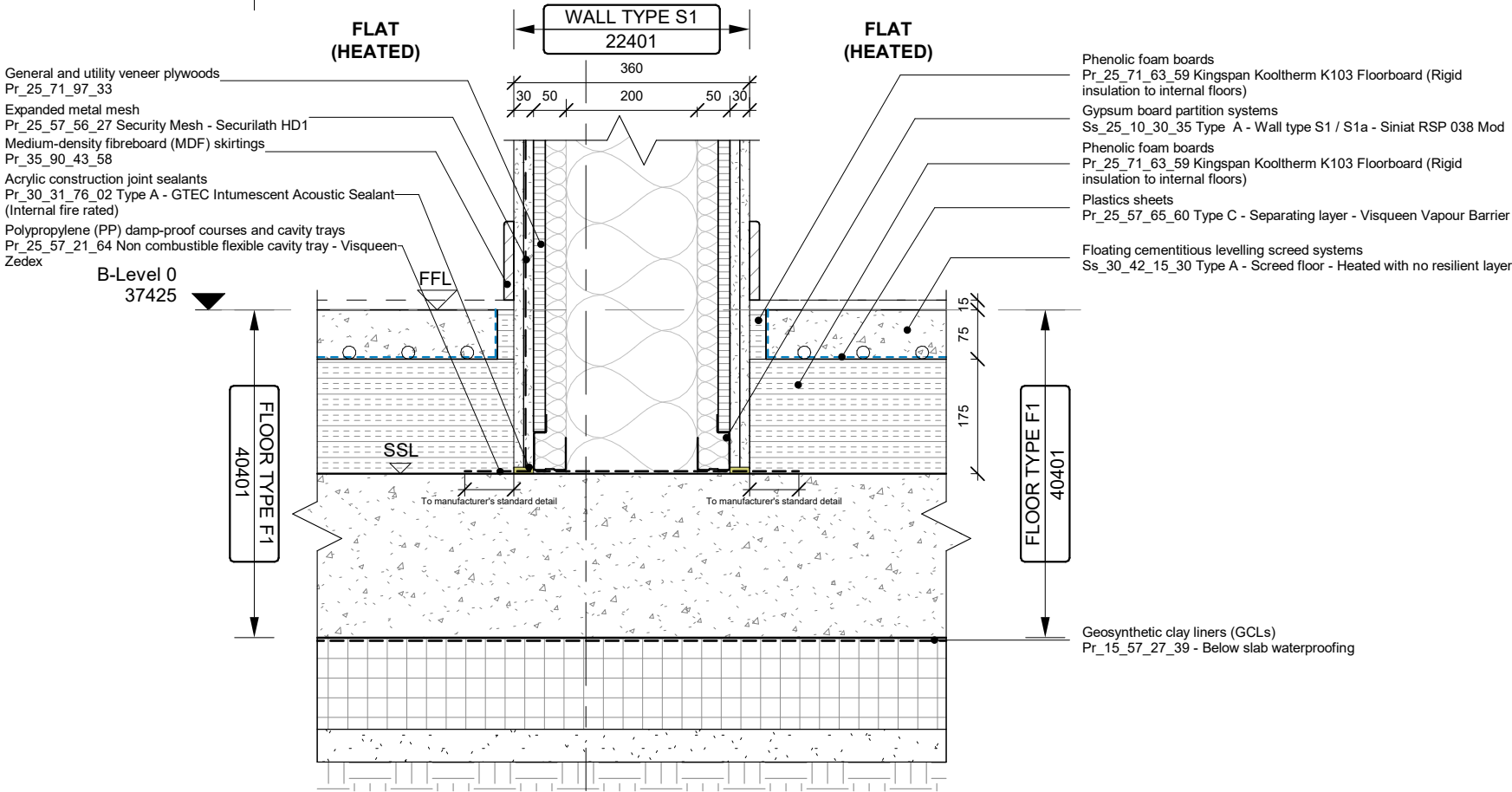
project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23

drawing title	drawing number	revision	suitability
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Int Wall Detail to Flats - Typical Party Wall 01	ARP3- PTE- ZZ-ZZ-DR-A-22410	P3	S4
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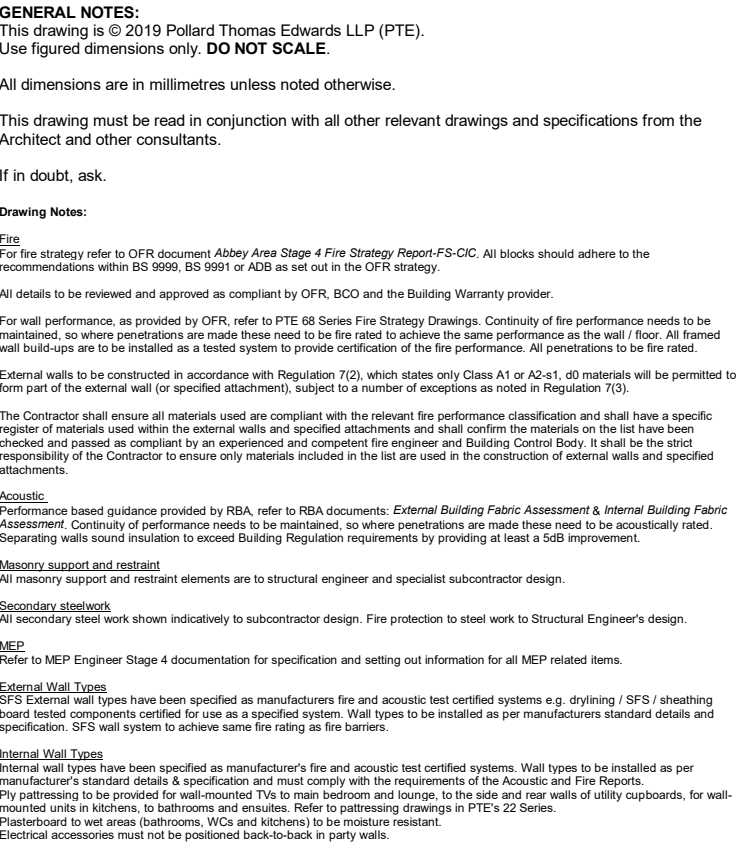
2 Party Wall Junction Detail - Typical Level - Wall Type S1 - 60min FR - 20mm Deflection

Scale: 1 : 10

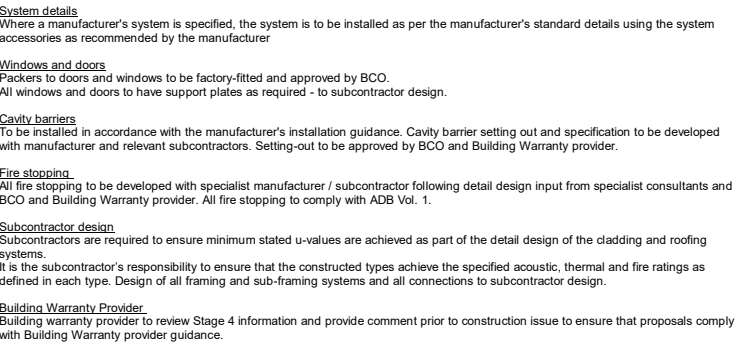


1 Party Wall Junction Detail - Ground Floor - Wall Type S1 - 60min FR

Scale: 1 : 10



2 Party V
Scale: 1 : 10



1 Party v
Scale: 1 : 10

P3	26.05.23	Internal Wall Details revised for Drylining Package	LN	DC
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P1	24.02.23	Level 2 issue - Internal Wall Details	LN	DC

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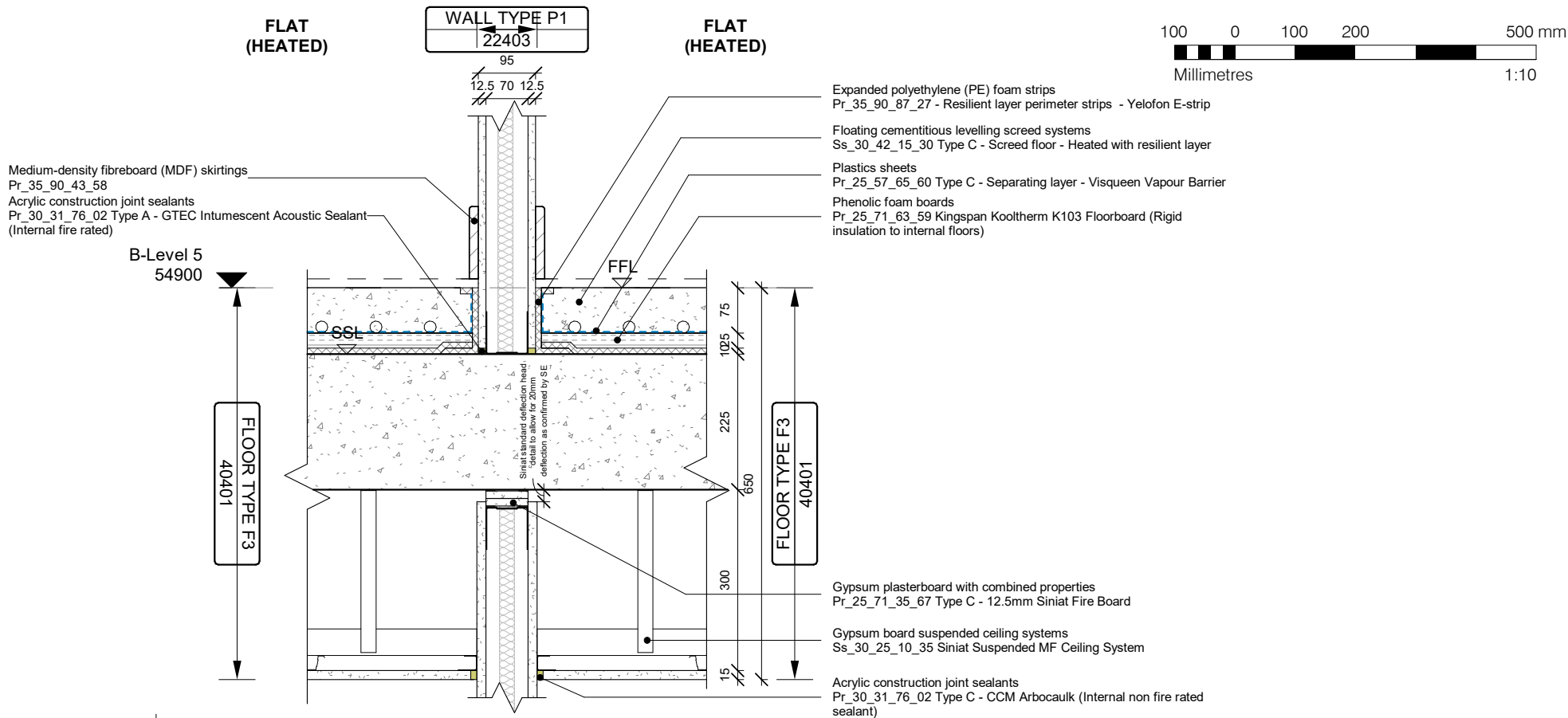
Pollard Thomas Edwards

project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23

drawing title	drawing number	revision	suitability
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Int Wall Detail to Flats - Typical Party Wall 02

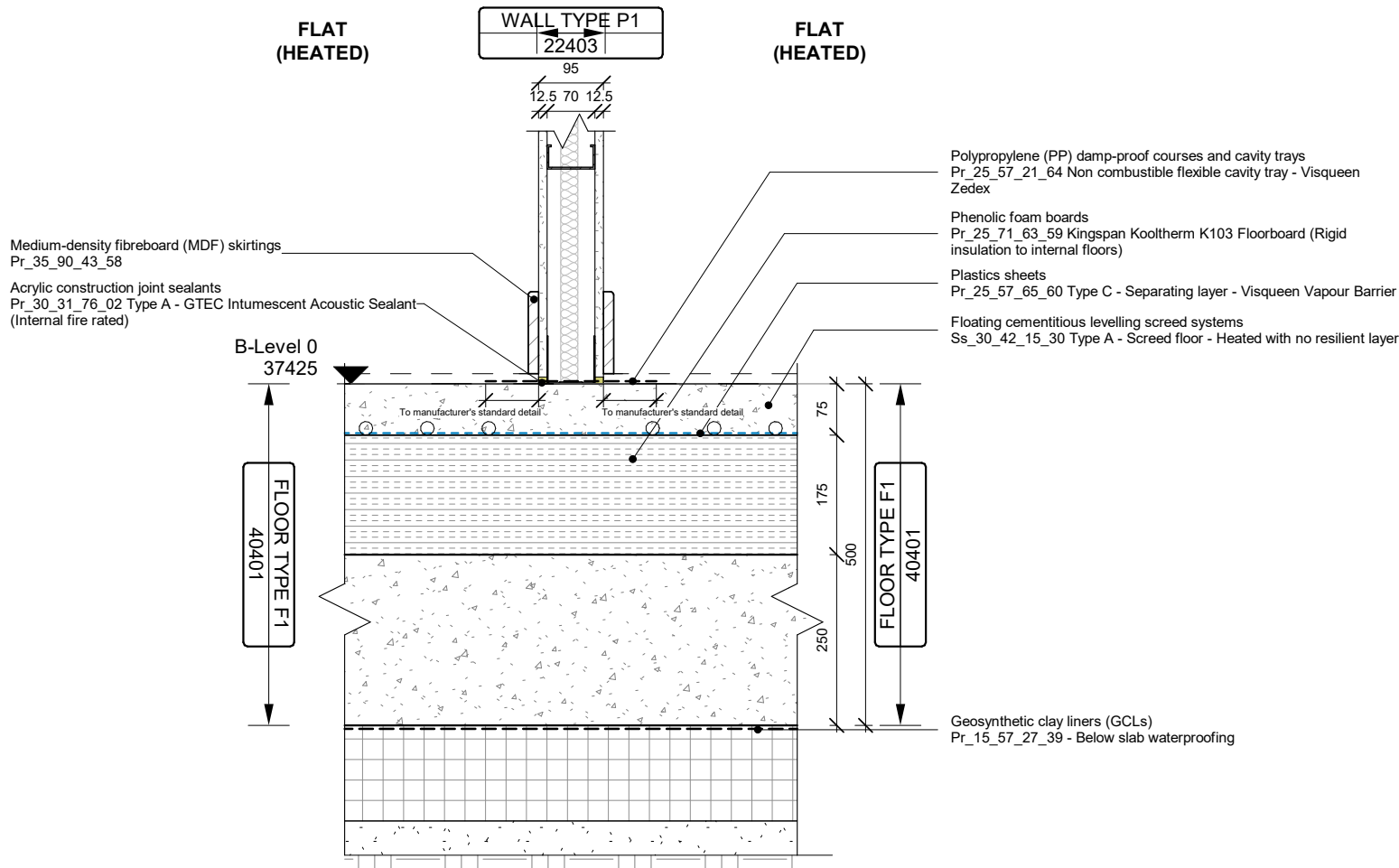
ARP3- PTE- ZZ-ZZ-DR-A-22411 P3 S4



2

Typical Partition Junction Detail - Typical Level - Wall Type P1 - 20mm Deflection

Scale: 1 : 10



1

Typical Partition Junction Detail - Ground Floor - Wall Type P1

Scale: 1 : 10

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project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23
drawing title	drawing number	revision	suitability	
Int Wall Detail to Flats - Typical Partition Wall	ARP3- PTE- ZZ-ZZ-DR-A-22412	P3	S4	



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Drawing Notes:

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P1	24.02.23	Level 2 issue - Internal Wall Details	LN	DC

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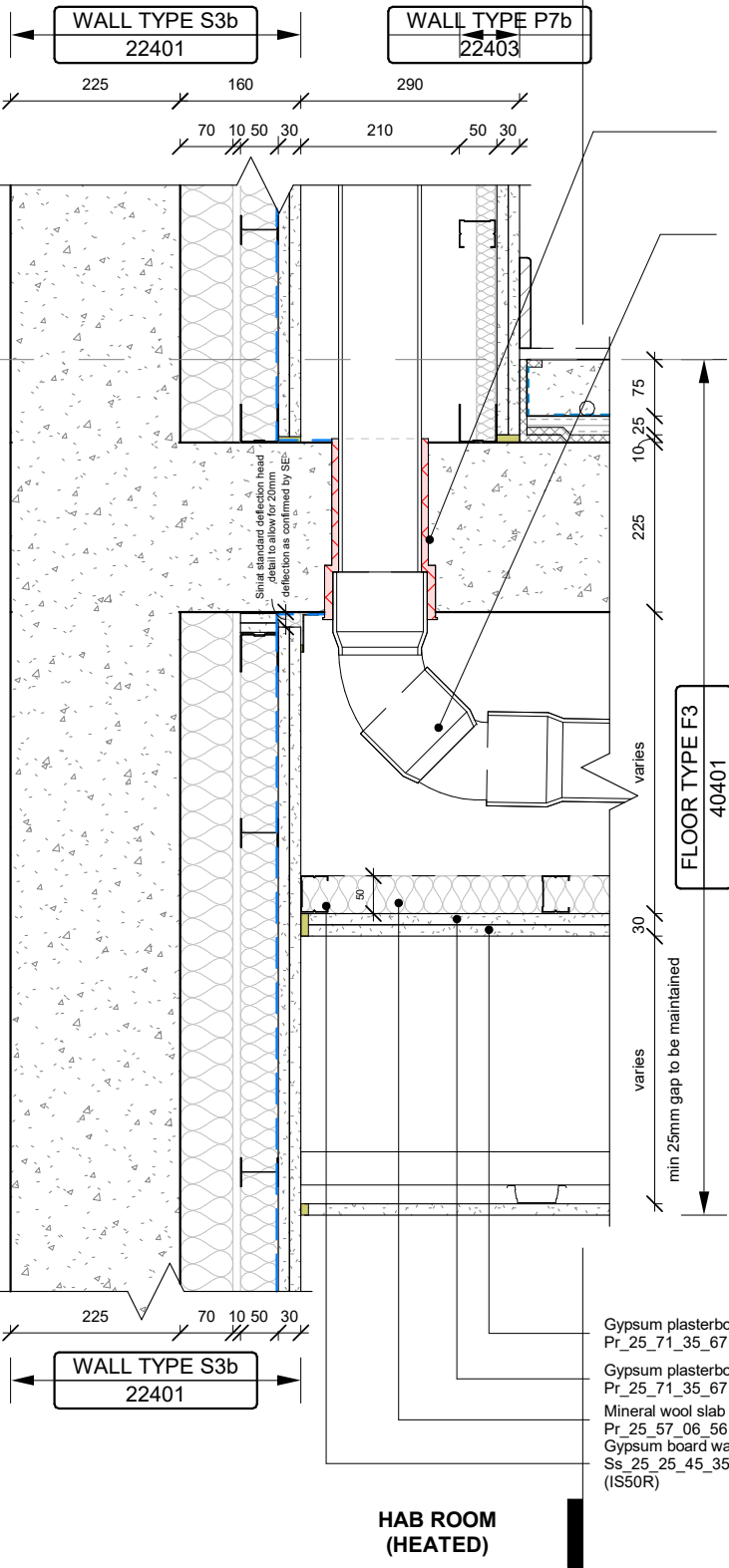
project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23

drawing title	drawing number	revision	suitability
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**Int Wall Detail to Flats - SVP
Offset Detail to Hab Rms**

ARP3- PTE- ZZ-ZZ-DR-A-22413 P3 S4

2
ZZ-ZZ-DR-A-22413



Quelfire Quelcast Cast In Fire Collar to M&E consultant's specification.
Cast-in fire collar to achieve stated fire rating/requirement of compartment floor in which it is placed as a minimum. Refer to Fire Strategy drawings & Fire Strategy Report for required performance. Fire collar Specification to be confirmed by M&E consultant / sub-contractor and fire collar manufacturer.

Cast iron pipe or acoustic composite type pipe (e.g. Friaphon) to M&E Consultant's specification

**FLAT
(HEATED)**

Refer to RBA Internal Building Fabric Assessment Section 12.4 Offsets and Horizontal Runs Measures for information:

(a) The offset (bends and horizontal run) should be formed from cast iron pipe or acoustic composite type pipe (e.g. Friaphon). The change to cast iron or acoustic composite type pipe should occur on the floor level above. The bends should be as gradual as possible (i.e. use two 45° bends rather than a single 90° bend if possible).

(b) The pipework should be resiliently supported via brackets containing rubber inserts, the rubber being 5-10mm thick. In addition, the pipework penetration through the slab should be resilient.

(c) The pipework should be independently boxed with two layers of 15mm dense plasterboard (min. 12 kg/m² each). There should be no contact whatsoever between the boxing/associated framework and pipe. The pipework must remain independent. Within the boxing, introduce 50 mm mineral wool (10 - 36 kg/m³). The mineral wool must not be packed and must remain uncompressed.

(d) The construction of the boxing should be undertaken prior to the construction of any partitions. Partitions should therefore be notched around the boxing. No frame / partition should be in rigid contact with the boxing.

(e) The standard ceiling should then be introduced below, spaced off the boxing with a clear gap of 25mm (minimum). There should be no contact between the boxing and the ceiling frame.

FLOOR TYPE F3
40401

varies
min 25mm gap to be maintained

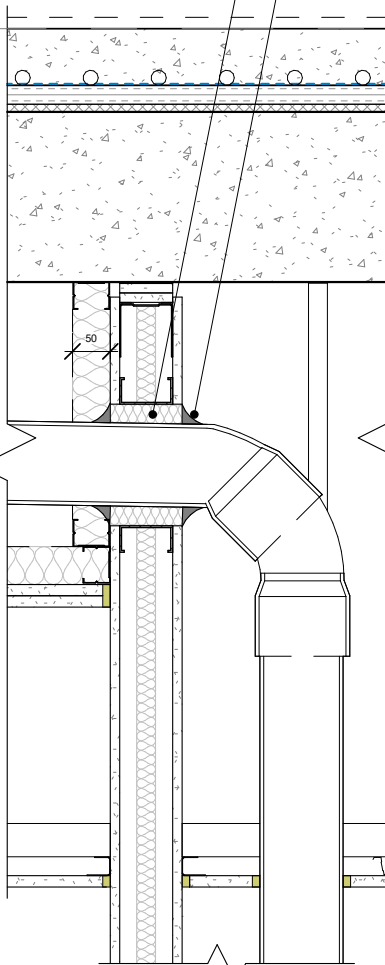
Gypsum plasterboard with combined properties
Pr_25_71_35_67 Type B - 15mm Siniat dB Board
Gypsum plasterboard with combined properties
Pr_25_71_35_67 Type B - 15mm Siniat dB Board
Mineral wool slab insulation
Pr_25_57_06_56 Type D - ISOVER Acoustic Partition Roll (APR 1200)
Gypsum board wall lining systems
Ss_25_25_45_35 Type G - Wall type P7b / P7c - Siniat IWL 005 (IS50R)

**HAB ROOM
(HEATED)**

Quelfire Quelcast Cast In Fire Collar in background to M&E consultant's specification.

Medium Density Mineral Wool (45kg/m³) tightly packed to seal fully against and around pipe all to RBA's acoustic requirements

Non-Hardening Resilient Sealant to RBA's acoustic requirements



Gypsum plasterboard with combined properties
Pr_25_71_35_67 Type B - 15mm Siniat dB Board

Gypsum plasterboard with combined properties
Pr_25_71_35_67 Type B - 15mm Siniat dB Board

Cast iron pipe or acoustic composite type pipe (e.g. Friaphon) to M&E Consultant's specification

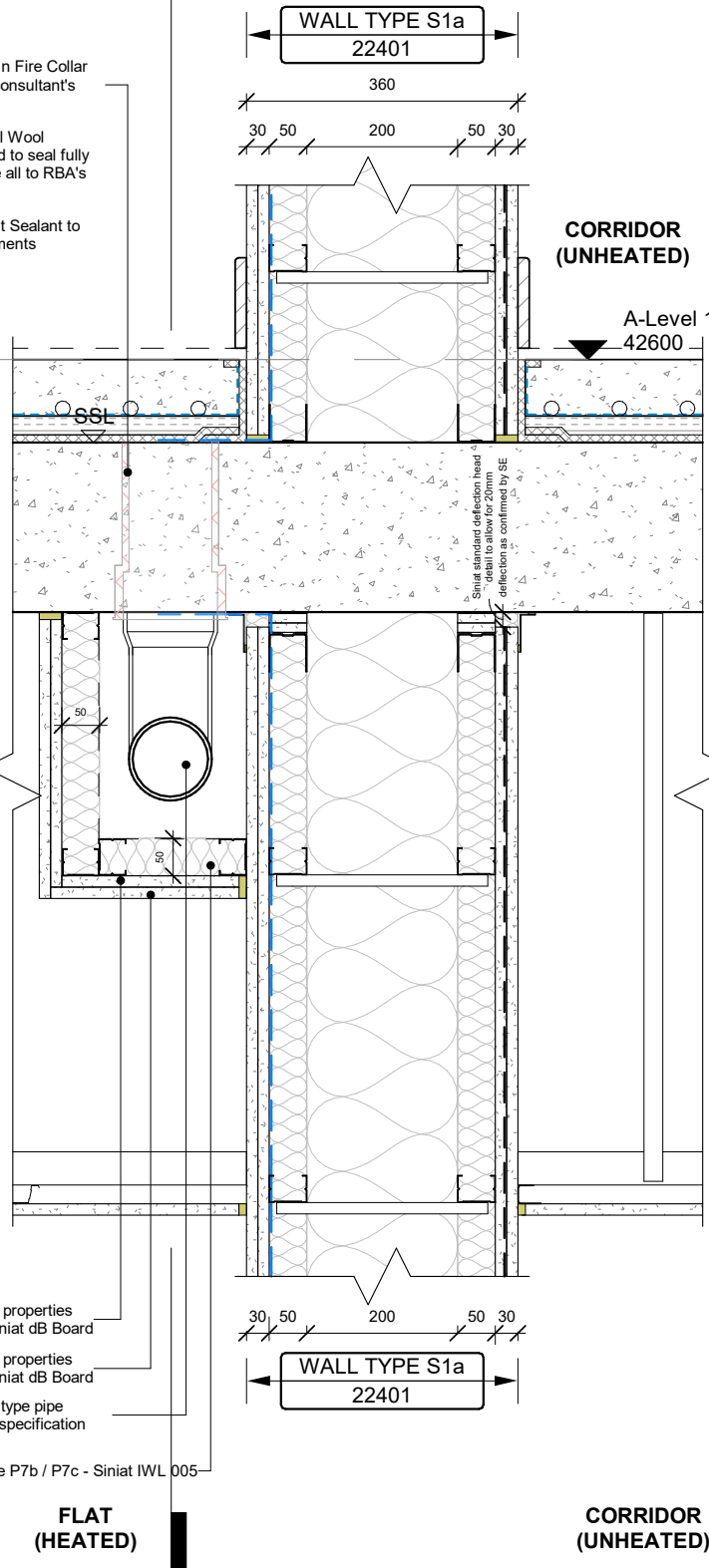
Gypsum board wall lining systems
Ss_25_25_45_35 Type G - Wall type P7b / P7c - Siniat IWL 005 (IS50R)

**UTILITY
CUPBOARD**

**FLAT
(HEATED)**

FLOOR TYPE F3
40401

1
ZZ-ZZ-DR-A-22413



**CORRIDOR
(UNHEATED)**

1

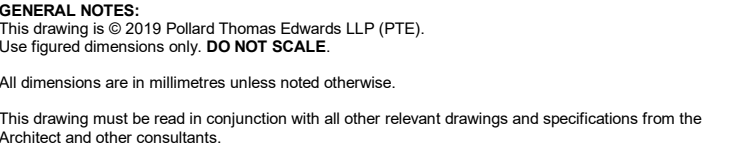
Typical SVP Offset Detail in Habitable rooms

Scale: 1 : 10

2

SVP Offset Detail

Scale: 1 : 10



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rev	date	description	drawn	audited
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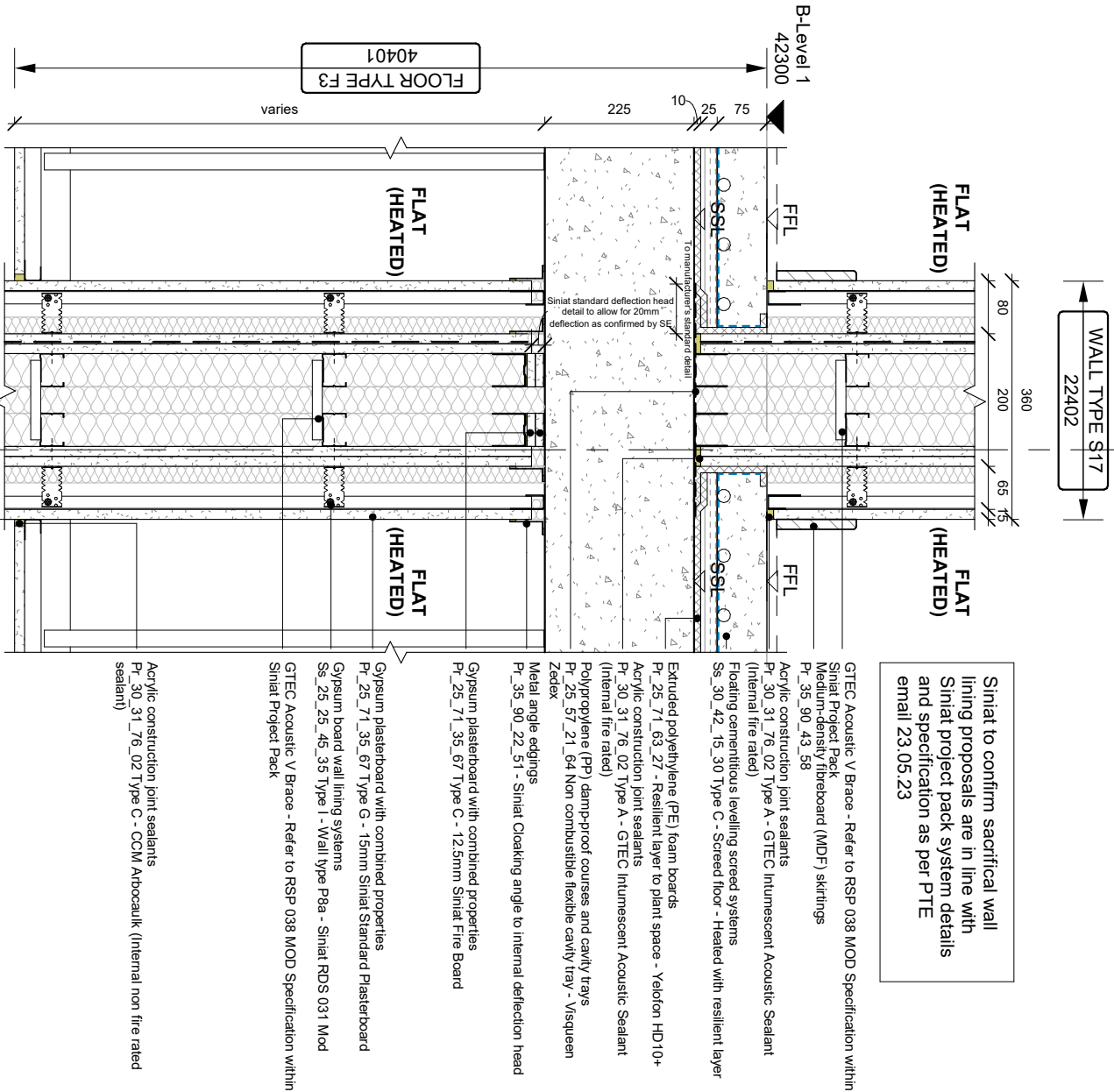
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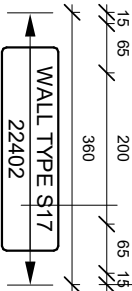
drawing title	drawing number	revision	suitability
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Int Wall Detail to Flats - SVP
Offset Detail to Non-Hab Rms ARP3- PTE- ZZ-ZZ-DR-A-22414 P3 S4



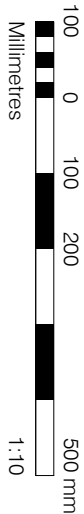
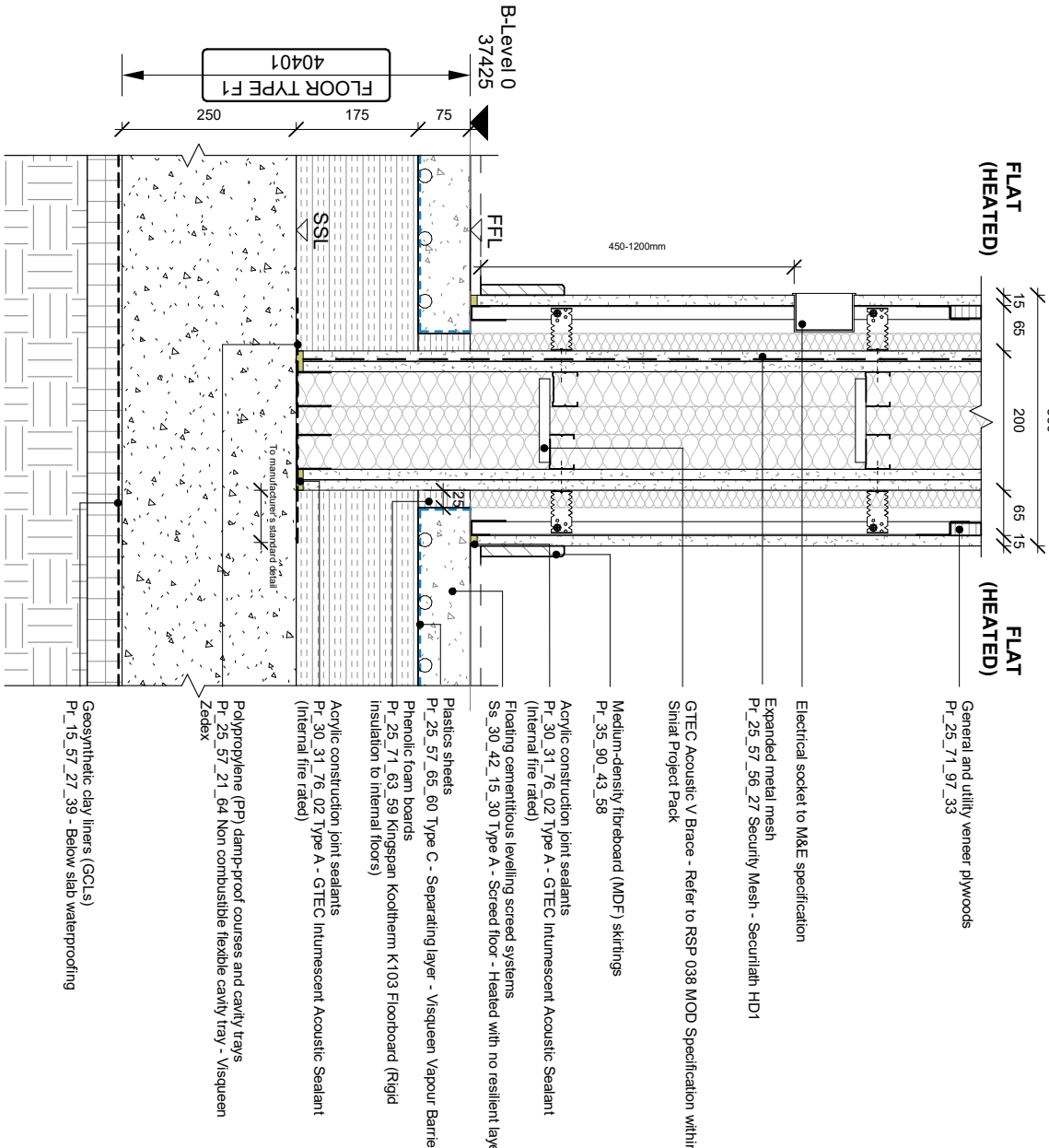
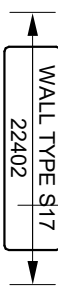


Sinat to confirm sacrificial wall lining proposals are in line with Sinat project pack system details and specification as per PTE email 23.05.23



Head Section Detail (Wall Type S17 - 60 min FR)

Scale: 1 : 10



GENERAL NOTES:
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All dimensions are in millimetres unless noted otherwise.
This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants.
If in doubt, ask.

DRAWING NOTES:

Fire strategy prepared by OFR. Refer to document 220621-R00-LO19113-Abbey Area-Stage 3 Fire Strategy Report-FS-CIC - Itp be updated by OFR for Stage 4a.
External walls will be constructed in accordance with Regulation 7(2), which states only Class A1 or A2-s1, d0 materials will be permitted to form part of the external wall (or specified attachment), subject to a number of exceptions as noted in Regulation 7(3).
Regulation 7(3) states that the requirements of Regulations 7(2) do not apply to membranes, but they have been covered under changes in the guidance and it is recommended that membranes used as part of the external wall construction should achieve a minimum of classification of European Class B-s1, d0. All buildings should adhere to the recommendations within BS 9999, BS 9991 or ADB (whichever is the applicable guidance document).
Contractor to ensure the design and construction comply with all statutory obligations. Building Regulations and Warranty provider requirements to enable the development to obtain all relevant safety approvals. The Contractor takes full responsibility for all fire measures throughout the entire development and shall employ competent fire consultants and engineers and ensure appropriate standards of fire safety are achieved. The Contractor shall ensure all materials used are compliant with the relevant fire performance classification and shall have a specific register of materials used within the external walls and specified attachments and shall confirm the materials on the list have been checked and passed as compliant by an experienced and competent fire engineer and Building Control Body. It shall be the strict responsibility of the Contractor to ensure only materials included in the list are used in the construction of external walls and specified attachments.

Acoustic.
Information prepared by RBA. Refer to RBA document Internal Building Fabric Assessment, 29 November 2022, Revision 0

Masonry support and restraint

Subcontractor design
Subcontractors are to complete the detail design of all relevant systems and components.

External Wall Types
The U-values provided on the drawings are based on calculations provided by PTE Internal technical team and are subject to confirmation by the sustainability consultant, AECOM.

Internal Wall Types
Internal wall types are to comply with the requirements of the Acoustic and Fire Reports.
Ply labelling to be provided for wall-mounted TVs to main bedroom and lounge, to the side and rear walls of UCs, for wall-mounted units in kitchens, to bathrooms and en-suites.
Plasterboard to wet areas (bathrooms, WCs and kitchens) to be moisture resistant.
Electrical accessories must not be positioned back-to-back in party walls.
Separating walls sound insulation to exceed Building Regulation requirements by providing at least a 5dB improvement.

Roof Types
All waterproofing systems to be installed to manufacturer's standard details.

System details
Where a manufacturer's system is specified, the system is to be installed as per the manufacturer's standard details.

Roof coverings
Build-up must achieve at least AA, AB or AC (national class) or BROOF(4) (European Class). Performance of build-up must be verified by test certification by a recognised body.

Secondary steelwork
All secondary steel work shown indicatively for subcontractor design.

Cavity barriers
Cavity barrier setting out and specification to be developed with manufacturer and relevant subcontractors. Setting-out to be approved by BCO and Building Warranty provider.

Fire stopping.
All fire stopping to be developed with specialist manufacturer / subcontractor following detail design input from specialist consultants and BCO and Building Warranty provider. All fire stopping to comply with ADB Vol. 1.

Windows and doors.
Packers to doors and windows to be factory-fitted and approved by BCO.
All windows and doors to have support plates as required - to subcontractor design.

rev	date	description	drawn	audited
P1	26.05.23	Internal Wall Details for Drying Package	DF	DC

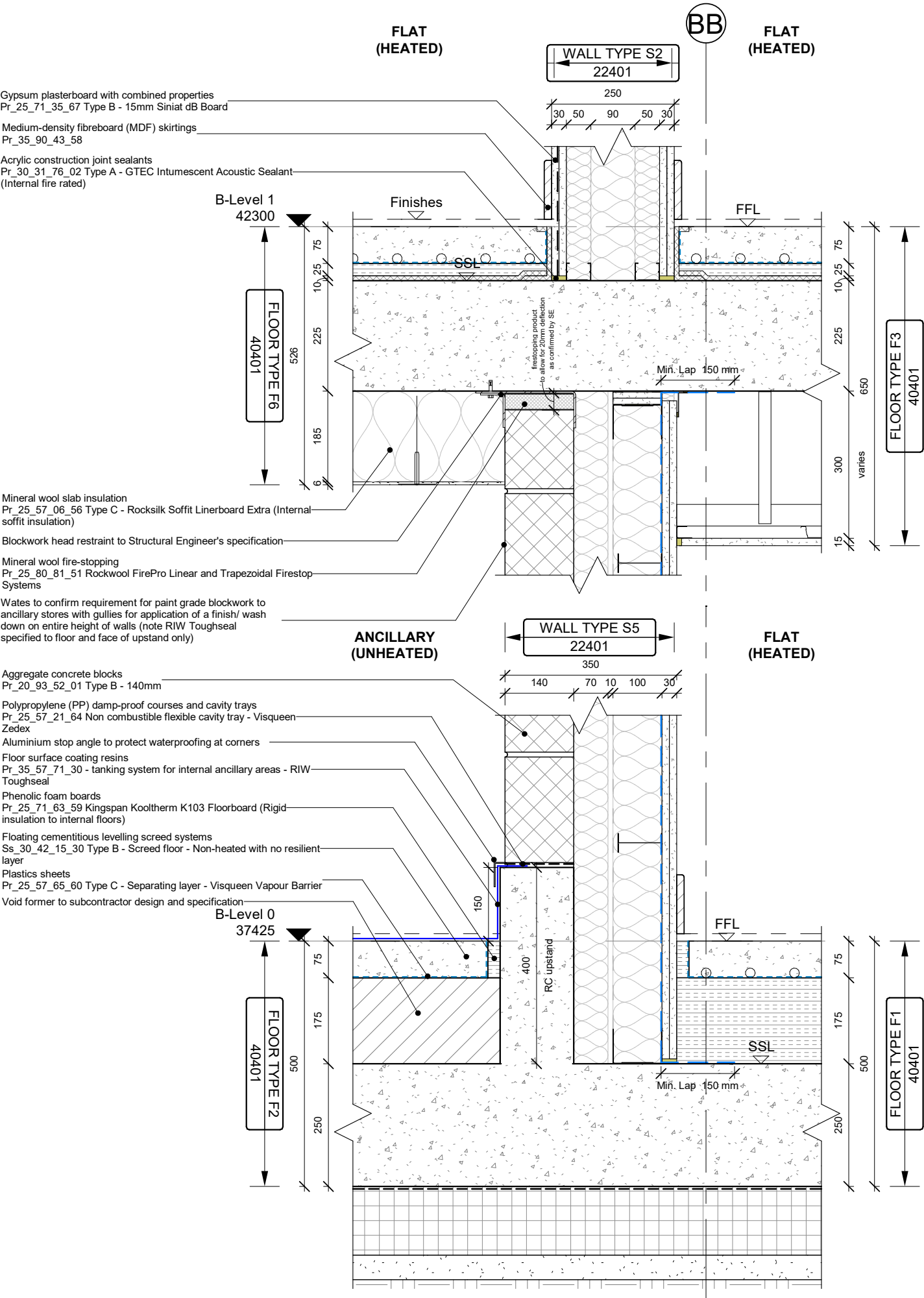
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project	job no.	drawn	scale	date created
Abbey Area Phase 3 - P1	19-049-P1	DF	1 : 10@A3	May'23
drawing title	drawing number	revision	sublity	
Int Wall Detail to Flats - Typical Party Wall S17	ARP3- PTE- ZZ-ZZ-DR-A-22415	P1	S4	

Scale: 1 : 10



1 Wall Type S5 - 60min FR - Heated/ Unheated space
Scale: 1 : 10

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All dimensions are in millimetres unless noted otherwise.

This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants.

If in doubt, ask.

Drawing Notes:

Fire
For fire strategy refer to OFR document *Abbey Area Stage 4 Fire Strategy Report-FS-CIC*. All blocks should adhere to the recommendations within BS 9999, BS 9991 or ADB as set out in the OFR strategy.

All details to be reviewed and approved as compliant by OFR, BCO and the Building Warranty provider.

For wall performance, as provided by OFR, refer to PTE 68 Series Fire Strategy Drawings. Continuity of fire performance needs to be maintained, so where penetrations are made these need to be fire rated to achieve the same performance as the wall / floor. All framed wall build-ups are to be installed as a tested system to provide certification of the fire performance. All penetrations to be fire rated.

External walls to be constructed in accordance with Regulation 7(2), which states only Class A1 or A2-s1, d0 materials will be permitted to form part of the external wall (or specified attachment), subject to a number of exceptions as noted in Regulation 7(3).

The Contractor shall ensure all materials used are compliant with the relevant fire performance classification and shall have a specific register of materials used within the external walls and specified attachments and shall confirm the materials on the list have been checked and passed as compliant by an experienced and competent fire engineer and Building Control Body. It shall be the strict responsibility of the Contractor to ensure only materials included in the list are used in the construction of external walls and specified attachments.

Acoustic
Performance based guidance provided by RBA, refer to RBA documents: *External Building Fabric Assessment & Internal Building Fabric Assessment*. Continuity of performance needs to be maintained, so where penetrations are made these need to be acoustically rated. Separating walls sound insulation to exceed Building Regulation requirements by providing at least a 5dB improvement.

Masonry support and restraint
All masonry support and restraint elements are to structural engineer and specialist subcontractor design.

Secondary steelwork
All secondary steel work shown indicatively to subcontractor design. Fire protection to steel work to Structural Engineer's design.

MEP
Refer to MEP Engineer Stage 4 documentation for specification and setting out information for all MEP related items.

External Wall Types
SFS External wall types have been specified as manufacturers fire and acoustic test certified systems e.g. drylining / SFS / sheathing board tested components certified for use as a specified system. Wall types to be installed as per manufacturers standard details and specification. SFS wall system to achieve same fire rating as fire barriers.

Internal Wall Types
Internal wall types have been specified as manufacturer's fire and acoustic test certified systems. Wall types to be installed as per manufacturer's standard details & specification and must comply with the requirements of the Acoustic and Fire Reports.
Ply patressing to be provided for wall-mounted TVs to main bedroom and lounge, to the side and rear walls of utility cupboards, for wall-mounted units in kitchens, to bathrooms and ensuites. Refer to patressing drawings in PTE's 22 Series.
Plasterboard to wet areas (bathrooms, WCs and kitchens) to be moisture resistant.
Electrical accessories must not be positioned back-to-back in party walls.

U-values
Target u-values stated on drawings have been provided by AECOM. Achieved u-values have been provided by calculations undertaken by insulation manufacturers and are subject to confirmation from specialist subcontractors.

Roof Types
All waterproofing systems to be installed to manufacturer's standard details to achieve the certified performance.

Roof coverings
Build-up must achieve at least AA, AB or AC (national class) or BROOF(14) (European Class). Performance of build-up must be verified by test certification by a recognised body.

System details
Where a manufacturer's system is specified, the system is to be installed as per the manufacturer's standard details using the system accessories as recommended by the manufacturer

Windows and doors
Packers to doors and windows to be factory-fitted and approved by BCO.
All windows and doors to have support plates as required - to subcontractor design.

Cavity barriers
To be installed in accordance with the manufacturer's installation guidance. Cavity barrier setting out and specification to be developed with manufacturer and relevant subcontractors. Setting-out to be approved by BCO and Building Warranty provider.

Fire stopping
All fire stopping to be developed with specialist manufacturer / subcontractor following detail design input from specialist consultants and BCO and Building Warranty provider. All fire stopping to comply with ADB Vol. 1.

Subcontractor design
Subcontractors are required to ensure minimum stated u-values are achieved as part of the detail design of the cladding and roofing systems.
It is the subcontractor's responsibility to ensure that the constructed types achieve the specified acoustic, thermal and fire ratings as defined in each type. Design of all framing and sub-framing systems and all connections to subcontractor design.

Building Warranty Provider
Building warranty provider to review Stage 4 information and provide comment prior to construction issue to ensure that proposals comply with Building Warranty provider guidance.

P3	26.05.23	Internal Wall Details revised for Drylining Package	LN	DC
P2	10.03.23	Client comments incorporated	LN	DC
P1	24.02.23	Level 2 issue - Internal Wall Details	LN	DC

rev	date	description	drawn	audited
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S4 - FOR STAGE AUTHORISATION

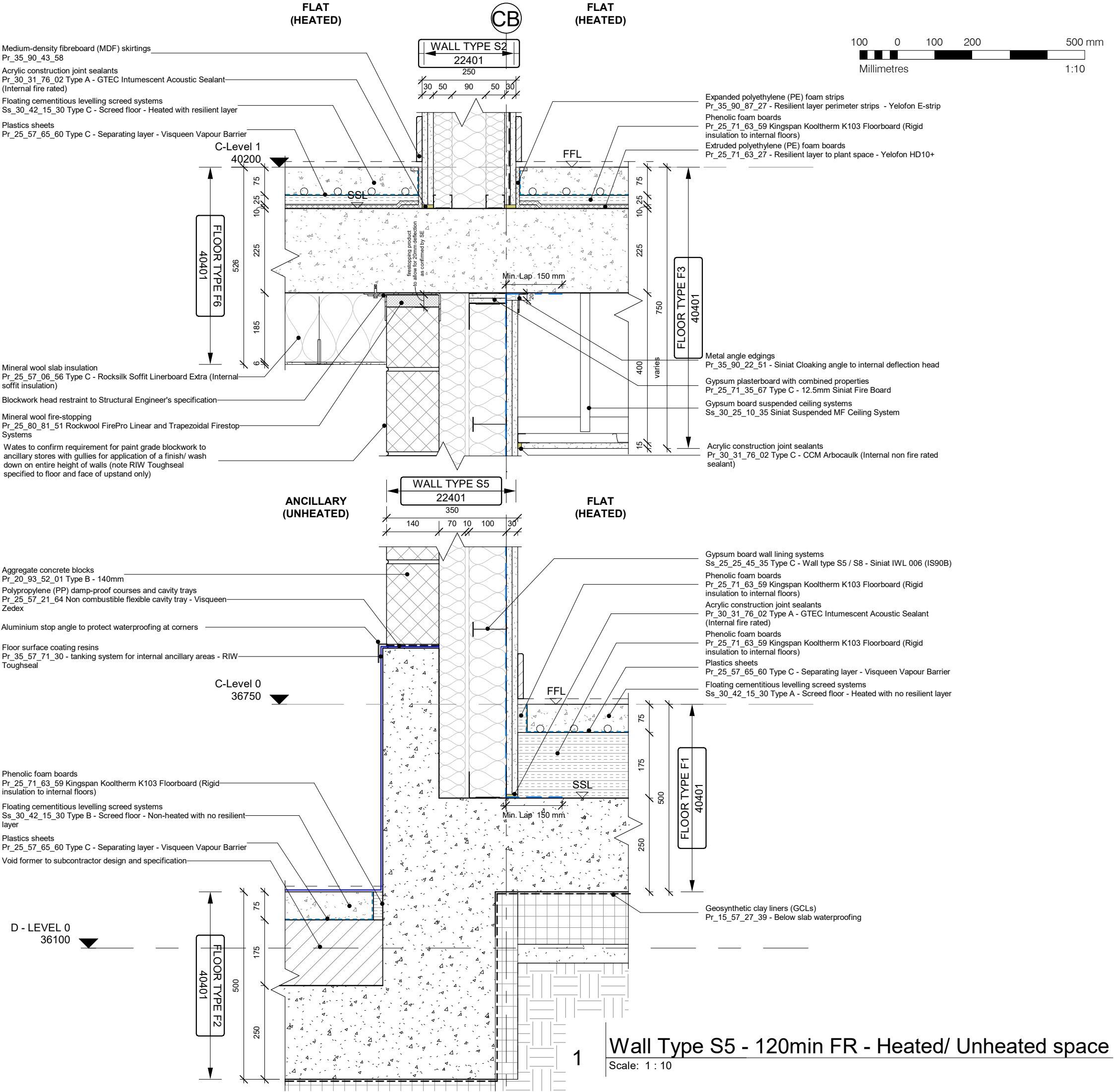
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project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23

drawing title	drawing number	revision	suitability
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Int Wall Detail to Ancillary - Head & Base Junction 01	ARP3- PTE- ZZ-ZZ-DR-A-22450	P3	S4
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This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants.

If in doubt, ask.

Drawing Notes:

Fire
For fire strategy refer to OFR document *Abbey Area Stage 4 Fire Strategy Report-FS-CIC*. All blocks should adhere to the recommendations within BS 9999, BS 9991 or ADB as set out in the OFR strategy.

All details to be reviewed and approved as compliant by OFR, BCO and the Building Warranty provider.

For wall performance, as provided by OFR, refer to PTE 68 Series Fire Strategy Drawings. Continuity of fire performance needs to be maintained, so where penetrations are made these need to be fire rated to achieve the same performance as the wall / floor. All framed wall build-ups are to be installed as a tested system to provide certification of the fire performance. All penetrations to be fire rated.

External walls to be constructed in accordance with Regulation 7(2), which states only Class A1 or A2-s1, d0 materials will be permitted to form part of the external wall (or specified attachment), subject to a number of exceptions as noted in Regulation 7(3).

The Contractor shall ensure all materials used are compliant with the relevant fire performance classification and shall have a specific register of materials used within the external walls and specified attachments and shall confirm the materials on the list have been checked and passed as compliant by an experienced and competent fire engineer and Building Control Body. It shall be the strict responsibility of the Contractor to ensure only materials included in the list are used in the construction of external walls and specified attachments.

Acoustic
Performance based guidance provided by RBA, refer to RBA documents: *External Building Fabric Assessment & Internal Building Fabric Assessment*. Continuity of performance needs to be maintained, so where penetrations are made these need to be acoustically rated. Separating walls sound insulation to exceed Building Regulation requirements by providing at least a 5dB improvement.

Masonry support and restraint
All masonry support and restraint elements are to structural engineer and specialist subcontractor design.

Secondary steelwork
All secondary steel work shown indicatively to subcontractor design. Fire protection to steel work to Structural Engineer's design.

MEP
Refer to MEP Engineer Stage 4 documentation for specification and setting out information for all MEP related items.

External Wall Types
SFS External wall types have been specified as manufacturers fire and acoustic test certified systems e.g. drylining / SFS / sheathing board tested components certified for use as a specified system. Wall types to be installed as per manufacturers standard details and specification. SFS wall system to achieve same fire rating as fire barriers.

Internal Wall Types
Internal wall types have been specified as manufacturer's fire and acoustic test certified systems. Wall types to be installed as per manufacturer's standard details & specification and must comply with the requirements of the Acoustic and Fire Reports. Ply patressing to be provided for wall-mounted TVs to main bedroom and lounge, to the side and rear walls of utility cupboards, for wall-mounted units in kitchens, to bathrooms and ensuites. Refer to patressing drawings in PTE's 22 Series. Plasterboard to wet areas (bathrooms, WCs and kitchens) to be moisture resistant. Electrical accessories must not be positioned back-to-back in party walls.

U-values
Target u-values stated on drawings have been provided by AECOM. Achieved u-values have been provided by calculations undertaken by insulation manufacturers and are subject to confirmation from specialist subcontractors.

Roof Types
All waterproofing systems to be installed to manufacturer's standard details to achieve the certified performance.

Roof coverings
Build-up must achieve at least AA, AB or AC (national class) or BROOF(14) (European Class). Performance of build-up must be verified by test certification by a recognised body.

System details
Where a manufacturer's system is specified, the system is to be installed as per the manufacturer's standard details using the system accessories as recommended by the manufacturer

Windows and doors
Packers to doors and windows to be factory-fitted and approved by BCO. All windows and doors to have support plates as required - to subcontractor design.

Cavity barriers
To be installed in accordance with the manufacturer's installation guidance. Cavity barrier setting out and specification to be developed with manufacturer and relevant subcontractors. Setting-out to be approved by BCO and Building Warranty provider.

Fire stopping
All fire stopping to be developed with specialist manufacturer / subcontractor following detail design input from specialist consultants and BCO and Building Warranty provider. All fire stopping to comply with ADB Vol. 1.

Subcontractor design
Subcontractors are required to ensure minimum stated u-values are achieved as part of the detail design of the cladding and roofing systems. It is the subcontractor's responsibility to ensure that the constructed types achieve the specified acoustic, thermal and fire ratings as defined in each type. Design of all framing and sub-framing systems and all connections to subcontractor design.

Building Warranty Provider
Building warranty provider to review Stage 4 information and provide comment prior to construction issue to ensure that proposals comply with Building Warranty provider guidance.

P3	26.05.23	Internal Wall Details revised for Drylining Package	LN	DC
P2	10.03.23	Client comments incorporated	LN	DC
P1	24.02.23	Level 2 issue - Internal Wall Details	LN	DC

rev	date	description	drawn	audited
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project	job no.	drawn	scale	date created
Abbey Area Phase 3 - PI	19-049-PI	LN	1 : 10@A3	Feb '23
drawing title		drawing number		revision suitability
Int Wall Detail to Ancillary - Head & Base Junction 02		ARP3- PTE- ZZ-ZZ-DR-A-22451		P3 S4

[illegible]

F10

Location	Target	Achieved
BLOCK A ROOF - PLANT ROOM / CORRIDOR		
U-Value Q/A	0.15 W/m2 K	0.15 W/m2 K
Acoustic Rating airborne	N/A	N/A
Fire rating	Block A 90min	Achieved by Str.

NOTE:

Floor finish vary depending on location and refer to finish scoping plans or Int finish schedule.

F11

Location			
GROUND FLOOR - SUBSTATION			
	Target	Achieved	
U-Value O/A	N/A	W/m2 K	N/A
Acoustic Rating Airborne	N/A	W/m2 K	N/A
Fire rating	240mm	Achieved	

NOTE:
Floor finish vary depending on location and refer to finish scoping plans or fit finishes schedule.

F12

Location			
GROUND FLOOR - COMMUNAL LOBBY			
	Target	Achieved	
U-Value O/A	N/A	W/m ² K	N/A
Acoustic Rating	N/A	N/A	W/m ² K
Airbourne*	N/A	N/A	
Fire rating	N/A	N/A	

NOTE:
Floor finish vary depending on location and refer to finish scoping plans or fit finishes schedule.

[illegible]

<div style="font-size: 48px; font-weight: bold; margin-bottom: 10px;">F14</div>	Location				
	ALL BLOCKS- FLAT / ENTRANCE LOBBY				
		Target	Achieved		
	U-Value Q/A	0.18	W/m2 K	0.15	W/m2 K
	Acoustic Rating	45dB	Achieved	Achieved	
Fire rating	60min	Achieved by Structure			

NOTE:
 Floor finish vary depending on location and refer to finish scoping plans or int finished schedule.

<div>F15</div>	Location	BLOCK A FIRST FLOOR - INSET BALCONY / FLAT	
	U-Value G/A	0.14	W/m2 K
	Acoustic Rating Airbourne:	45dB	Achieved
	Fire rating	Block A 90min	Achieved by Structure

<div style="border: 1px solid black; padding: 10px; width: 150px; height: 150px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 40px; font-weight: bold; margin-bottom: 10px;">F16</div> </div>	Location				
	GROUND FLOOR - COMMERCIAL				
		Target		Achieved	
	U-Value O/A	0.12	W/m2 K	TBC	W/m2 K
	Acoustic Rating <i>Airbourne:</i>	N/A		N/A	
Fire rating	N/A		N/A		

F17	Location				
	GROUND FLOOR - CYCLE STORE				
		Target		Achieved	
	U-Value O/A	N/A	W/m ² K	N/A	W/m ² K
	Acoustic Rating <i>Airbourne:</i>	N/A		N/A	
	Fire rating		N/A		

<div>F18</div>	Location		
	ALL BLOCKS- FLAT / BLOCK ENTRANCE		
	Target	Achieved	
	U-Value O/A	0.16	W/m ² K 0.16 W/m ² K
	Acoustic Rating Airbourne:	N/A	N/A
Fire rating	Block A&C 90min Block B 120min	Achieved by Structure	

FLAT (HEATED)

ENTRANCE LOBBY (UNHEATED)

Dimensions (mm):

- 110
- 336
- 225
- 185
- 185
- drifts varies

Labels and Callouts:

- FFL** (Finished Floor Level)
- SCL** (Structural Concrete Layer)
- resilient layer**
- Plastic sheets**
 - Pl_25_57_55_60 Type C - Separating layer screed
- Phenolic foam boards**
 - Pl_25_71_63_59 - Rigid insulation to internal floors
- Extruded polyethylene (PE) foam boards**
 - Pl_25_71_63_27 - Resilient layer
- Mineral wool slab insulation**
 - Pl_25_57_06_56 Type D - Soffit insulation within ceiling zone
- Gypsum board suspended ceiling systems**
 - SG_30_25_10_35
- Ceiling height >2600mm**
 - Block A GF >3200mm
 - Block B GF >4150
 - Block C GF >2750mm

FLAT (HEATED)

Vertical Dimensions (mm):

- 110 varies
- 335
- 225
- 220
- 220

AFFL Ceiling height +3225mm
INSET BALCONY (EXTERIOR)

Labels:

- FFL
- S.S.L.

Finishes zone (varies)

Flooding cementitious leveling screed systems
S6, 30_42, 15_30 Type C - Screed floor - Heated with resilient layer

Plastics sheets
Pv_25_57_65_66 Type C - Separating layer screed

Phenolic foam boards
Pi_25_71_63_59 - Rigid insulation to internal floors

Extruded polystyrene (PE) foam boards
Pv_25_71_63_27 - Resilient layer

Mineral wool slab insulation
Pi_25_27_00_56 Type D - Soffit insulation under ceiling zone

Drained and back-ventilated rainscreen cladding systems
Ss_28_20_70_29 - Aluminum soffit cladding

COMMERCIAL (NON-HEATED)

Dimensions (mm):

- 485 (Total height)
- 160 (Height of screed and plastic sheets)
- 75 (Height of plastic sheets)
- 250 (Height of concrete structure)

Labels and Callouts:

- FFL** (Finished Floor Level)
- SSL** (Structural Steel Level)
- Finishes zone (varies)**
- Floating cementitious levelling screed systems**
Ss_30_42, 15_30 Type B - Screed floor - Non-heated with no resilient layer
- Plastics sheets**
Pr_25_57_65_60 Type C - Separating layer screed
- Phenolic foam boards**
Pr_32_71_63_58 - Rigid insulation to internal floors
- Concrete structure to S E design**
- Geosynthetic clay liners (GCLs)**
Pr_15_57_27_38 - Below slab waterproofing

CYCLE STORE (UNHEATED)

FFL

SFL

1:100 falls to gully

295

223

70

Earthing mesh within the screed as per UKPN requirement

Concrete structure to S.E design

Geosynthetic clay liners (GCLs)
Pr_15_57_27_39 - Below slab waterproofing

Floating cementitious levelling screed systems
Ss_30_42_15_30 Type B - Screed floor - Non-heated with no resilient layer

The technical drawings illustrate two exterior cladding system options for Block B & C Entrance (Exterior).

Option 1: FLAT (HEATED)

- Finishes zone (varies)**
- Floating cementitious leveling screed systems S8_30_42_15_30 Type C - Screed floor - Heated with resilient layer
- Heating pipework, refer to M&E specification (locations to be confirmed)
- Plastics sheets Pr_25_97_63_00 Type C - Separating layer screened
- Phenolic foam boards Pr_25_71_63_59 - Rigid insulation to internal floors
- Extruded polyethylene (PE) foam boards Pr_25_71_63_27 - Resilient layer
- Mineral wool slab insulation Pr_25_97_98_56 Type D - Softfill insulation within ceiling zone
- Drained and back-ventilated rainscreen cladding systems S8_20_20_70_25 - Aluminium soffit cladding

Option 2: FFL (Flat Finish Level)

- Finishes zone (varies)**
- Floating cementitious leveling screed systems S8_30_42_15_30 Type C - Screed floor - Heated with resilient layer
- Heating pipework, refer to M&E specification (locations to be confirmed)
- Plastics sheets Pr_25_97_63_00 Type C - Separating layer screened
- Phenolic foam boards Pr_25_71_63_59 - Rigid insulation to internal floors
- Extruded polyethylene (PE) foam boards Pr_25_71_63_27 - Resilient layer
- Mineral wool slab insulation Pr_25_97_98_56 Type D - Softfill insulation within ceiling zone
- Drained and back-ventilated rainscreen cladding systems S8_20_20_70_25 - Aluminium soffit cladding

GENERAL NOTES: This drawing is © 2019 Pollard Thomas Edward & P (PTE). Use figured dimensions only. DO NOT SCALE. All dimensions are in millimetres unless noted otherwise. This drawing must be read in conjunction with all other relevant drawings and specifications from the Architect and other consultants. If in doubt, ask.	SETTING OUT NOTES: All setting out to be confirmed on site prior to construction – any discrepancy must be immediately reported to the Architect. All setting out to face of structure or to grid. All partitions set out to studwork or structure. For setting out and specification of M&E services refer to M&E Consultants documents. For setting out and specification of structure refer to Structural Engineer's documents.
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General Detail Notes:

Please refer to:

- 00 Series for Accommodation Schedules
- 01 Series for Existing Site
- 02 Series for Proposed Site
- 03 Series for Car Parks
- 04 Series for Decks
- 05 Series for Elevations
- 16 Series for Below Ground
- 17 Series for External Walls
- 22 Series for Internal Walls
- 23 Series for Stairs & Corrs
- 27 Series for Roof
- 31 Series for External Windows & Doors
- 32 Series for Internal Doors
- 44 Series for Balconies, Terraces & Walkways
- 55 Series for Reflected Ceiling Plans
- 56 Series for Build-up & Floor Finishes
- 69 Series for Fire Strategy
- 71 Series for Signage
- 72 Series for Wardrobe & Joinery
- 73 Series for Kitchens
- 74 Series for Sanitary
- 80 Series for Dwelling Plans
- 81 Series for Motework
- 86 Series for External Works
- 99 Series for Convoyance Plans

Refer to the following for typical type drawings:

- ARPS-PTC-22-ZD-DR-A-2401 - External Wall Types - Sheet 1
- ARPS-PTC-22-ZD-DR-A-2402 - External Wall Types - Sheet 2
- ARPS-PTC-22-ZD-DR-A-2403 - Internal Wall Types - Sheet 1
- ARPS-PTC-22-ZD-DR-A-2404 - Internal Wall Types - Sheet 2
- ARPS-PTC-22-ZD-DR-A-2405 - Internal Wall Types - Sheet 3
- ARPS-PTC-22-ZD-DR-A-2406 - Floor Types - Sheet 1
- ARPS-PTC-22-ZD-DR-A-2407 - Floor Types - Sheet 2

External walls are to be constructed in accordance with Regulation (72), which states only Class A or A2-s1,d0 materials will be permitted. External wall construction shall be designed to provide a number of assemblies as detailed in the schedule to Regulation (73).

The Contractor shall ensure all materials used are compliant with the relevant fire performance criteria and shall have a specific register of materials used within the external walls and specified attachments and shall conform the materials on the list have been approved by the Building Regulations Authority. The Contractor shall ensure that the Contractor shall retain full responsibility of the Contractor to ensure only materials included in the list are used in the construction of external walls and specified attachments.

Acoustic

Performance based guidance provided by BSA, refer to BSA documents: External Building Fabric Assessment, 27 April 2021, Revised version, External Building Fabric Assessment, 29 November 2022. Revision 0. Contingency of performance based design must be maintained, so where parameters are needed there must be acoustically rated. Separating walls sound insulation to exceed the Building Regulation requirements by providing at least a 5dB improvement.

Masonry support and restraint

All masonry support and restraint elements are to structural engineer and fire specialist subcontractor design.

Secondary steelwork

All secondary steel work shown indicative to subcontractor design. Fire protection to steel work to Structural Engineer's design.

MEP

Refer to MEP Engineer (HD) Stage 4 documentation for specification and setting out information for all MEP related items.

SFS External wall panels

SFS External wall panels have been specified as manufacturers fire and acoustic tested certified systems e.g. dividing / SFS / separating walls. All other wall types shall be agreed with the client and shall be installed as per manufacturer's standard details and specifications. SFS wall system to achieve same fire rating as fire barriers.

Internal Wall Types

Internal walls have been specified as manufacturers fire and acoustic test certified systems. Wall types to be installed as per manufacturer's standard details & specification and must comply with the requirements of the Acoustic and Fire Protection Specification. Internal walls are required to wall to wall construction and shall be installed as per manufacturer's standard details and specifications units in kitchens, to bathrooms and ensuite. Refer to patterning drawing.

Internal walls are required to wall to wall construction and shall be installed as per manufacturer's standard details and specifications units in bedrooms, to bathrooms, and ensuite. Refer to patterning drawing.

Electrical accessories must not be positioned back-to-back in party walls.

Lobbies

Target values stated on drawings have been provided by AECOM. Achieved values have been provided by calculations undertaken by insulation manufacturers and are subject to confirmation from specialist subcontractors.

All waterproofing systems to be installed to manufacturer's standard details to achieve the certified performance.

Roof coverings
Build-up must achieve at least AA, AB or AC (national class) or BROOF(t4) (European Class). Performance of build-up must be verified by test certification by a recognised body.

System details
Where a manufacturer's system is specified, the system is to be installed as per the manufacturer's standard details using the system accessories as recommended by the manufacturer

Windows and doors
Packers to doors and windows to be factory-filled and approved by BCO.
All windows and doors to have support plates as required - to subcontractor design.

Cavity barriers
To be installed in accordance with the manufacturer's installation guidance. Cavity barrier setting out and specification to be developed with manufacturer and relevant subcontractors. Setting-out to be approved by BCO and Building Warranty provider.

Fire stopping.
All fire stopping to be developed with specialist manufacturer / subcontractor following detail design input from specialist consultants and BCO and Building Warranty provider. All fire stopping to comply with ADB Vol. 1.

Subcontractor design
Subcontractors are required to ensure minimum stated u-values are achieved as part of the detail design of the cladding and roofing systems.
It is the subcontractor's responsibility to ensure that the constructed types achieve the specified acoustic, thermal and fire ratings as defined in each type. Design of all framing and sub-framing systems and all connections to subcontractor design.

Building Warranty Provider.
Building Warranty provider to review stage 4 information and provide comment prior to construction issue to ensure that proposals comply with Building Warranty provider guidance.

P1	04.11.22	Level 1 - Preliminary Issue External & Internal Wall, Floor and Roof Type drawings	LN	DF
P2	09.11.22	U-Values updated	AK	MM
P3	19.01.23	Level 2 issue - Floor Types	DF	DC
P4	15.03.23	Issued for stage authorisation - Amended to Aecom comments , Client's comments incorporated and approved. P1-P3 to be updated	DF	DC

drawing status

S4 - FOR STAGE AUTHORISATION

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Floor Types - Sheet 2	ARP3- PTE- ZZ-ZZ-DR-A-40402	P4	S4	

Pollard Thomas Edwards

