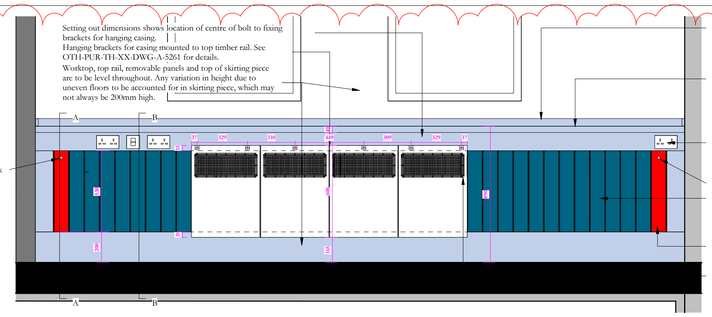


Setting out dimensions shows location of centre of bolt to fixing brackets for hanging casing.
Hanging brackets for casing mounted to top timber rail. See OTH-PUR-TH-XX-DWG-A-5261 for details.
Worktop, top rail, removable panels and top of skirting piece are to be level throughout. Any variation in height due to uneven floors to be accounted for in skirting piece, which may not always be 200mm high.

19x50mm painted softwood upstand to wall to follow into window reveals with mitred corners. Upstand to have 5mm chamfer to front edge and be screw fixed to wall to have recessed pellet fixing.

40mm painted softwood worktop as K20//230a screw fixed with 5x38mm screws at 300mmc/c horizontal centres screws to be countersunk and hole pelletted with softwood pellets

Cut out formed within casing to take sockets and back boxes. For specific socket types and numbers and therefore cut-out required refer to MEP Schedules. Socket faceplate to be from standard range to match radiator covers. See setting out principles drawing (OTH-PUR-TH-ZZ-DWG-A-5892) for principles of setting out of sockets and setting out drawings (per floor) for actual locations. Sockets canot be installed over FCU casings.

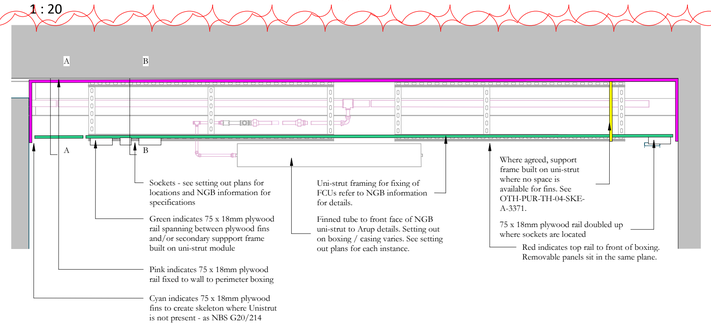
Budget lock

Painted 100x19mm v jointed T&G boarding to K20/230 in 450mm removable panels to have magnet strips to rear. See setting out plans for setting out of panels.

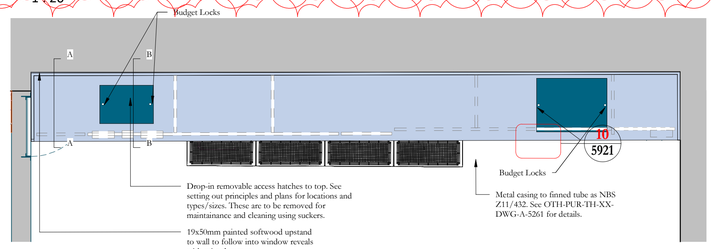
Painted timber infill panel senbed to wall to maintain equal panel dimensions. Scribe panel to have chamfered edge to match adjacent T&G panel.

See OTH-PUR-TH-XX-DWG-A-5261 for details of metal finned tube casings. These vary in length. See setting out drawings (per floor) for actual locations and sizes.

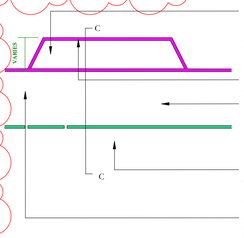
Type 2- Finned Tube Perimeter Boxing Elevation
1 : 20



Type 2- Perimeter Boxing Example Framing Plan (no window reveals)
1 : 20



Type 2- Perimeter Boxing Example (no window reveals)
1 : 20



75 x 18mm plywood fins to window reveals. Fixed to rear rail and rail in reveal with angle brackets. Fins are required to reveals where depth is 200mm or greater. To be set out to either sides of plenum.

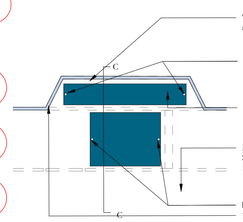
Pink indicates 75 x 18mm plywood rail fixed to wall to perimeter boxing

Typical framing layout to area in front of window reveal as per adjacent plan'

Finned tube to front face of NGB uni-strut to Arup details. Setting out on boxing / casing varies. See setting out plans for each instance.

Cyan indicates 75 x 18mm plywood fins to create skeleton where Unistrut is not present - as NBS G20//214

Type 2- Boxing Window Reveals Framing
1 : 20



Worktop reaches into reveal where reveals are lower than 890mm worktop height.

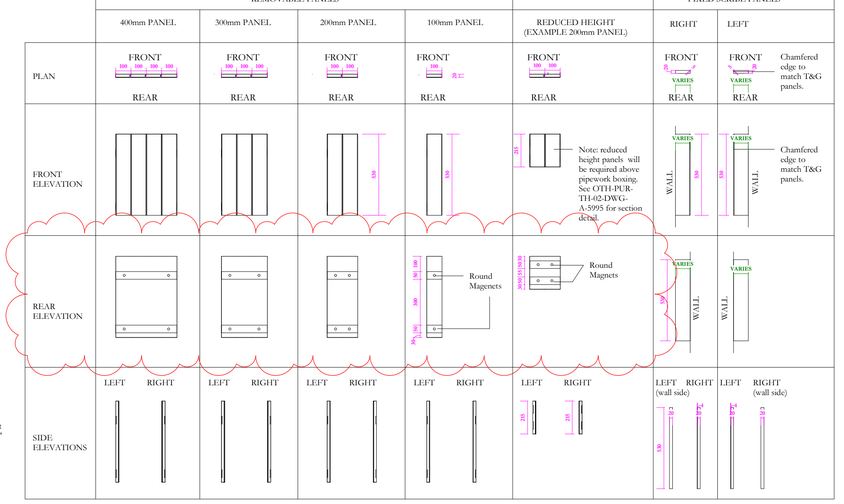
Budget locks

Drop-in removable access hatches to top. See setting out principles and plans for locations and types//sizes. These are to be removed for maintainance and cleaning using suckers. See OTH-PUR-TH-ZZ-DWG-A-5892 for principles of hatch setting out.

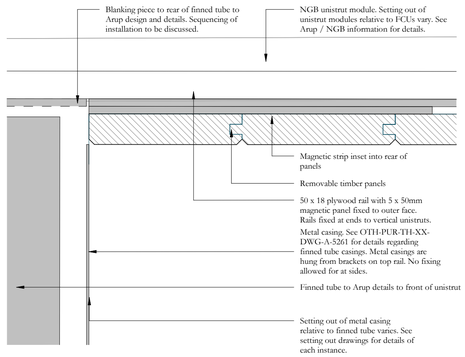
Metal casing to FCU as NBS Z11//432. See OTH-PUR-TH-XX-DWG-A-5260 for details.

Budget locks
19x50mm painted softwood upstand to wall to follow into window reveals with mitred corners.

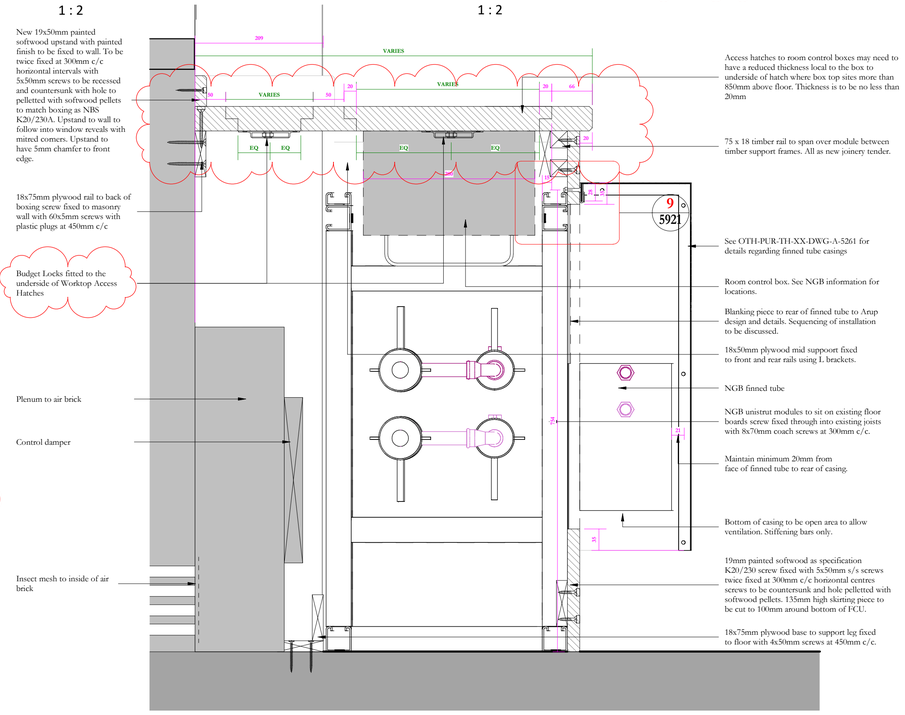
Type 2- Perimeter Boxing Window Reveals
1 : 20



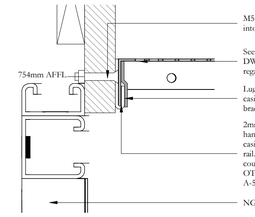
Type 2 Timber Panels
1 : 20

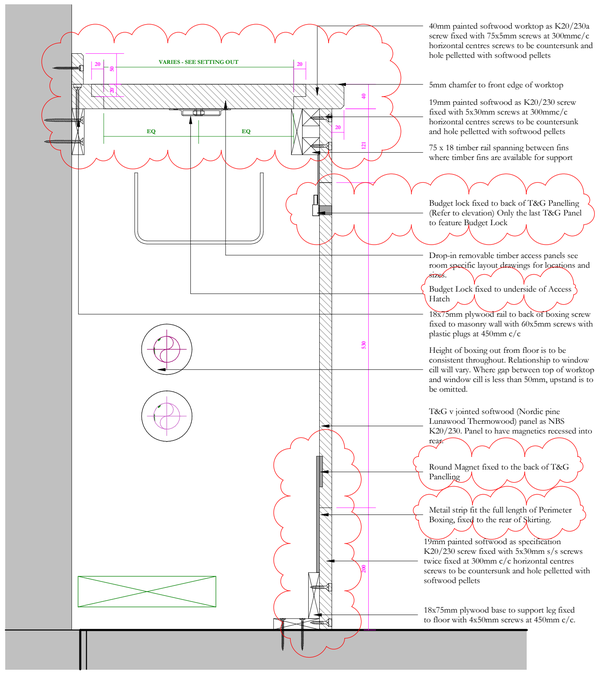


10 - Finned tube case corner detail
1 : 2

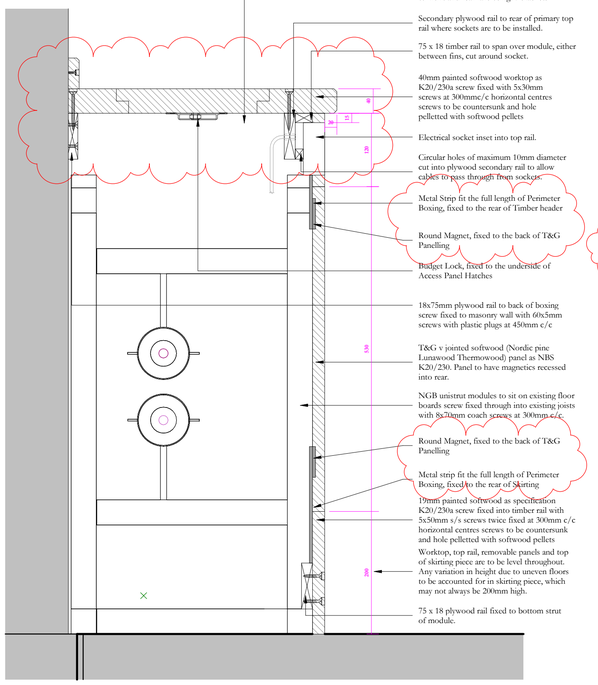


9 - Finned Tube Casing Hanging Detail
1 : 2





A - Type 2 Perimeter boxing typical section with structural fin
1 : 5



B - Type 2 Removable timber panel boxing section - uni-strut / sockets
1 : 5

C - Section through window reveal and Finned Tube and control box
1 : 5

Fixed part of joinery
Accessible / removable panels
Fixed panels
Removable Panel w/ Budget Lock

Setting Out of Boxing:

- Boxing to be set out using 'worst case scenario' of uni-strut module. Position on boxing run where face of uni-strut is furthest from wall to be used as setting out point.
- Set out rear of panels to boxing run from this point, in a line parallel to the internal line of wall.

Scale Bars to be used as guidance only - refer to sheet size below

1:100	mm	1000	3000	5000	7000		
1:200	mm	1500	8000	12000	16000		
1:500	M	5	15	25	35		
1:1250	M	10	30	50	70	90	

Notes:
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing of any discrepancies.

Key Plan

TYPE 1 FINISH NOTES:
- Softwood Timber Carcass: 19mm thick FSC softwood painted finish as NBS M60//110A- Dulux Heritage Eggshell (interior) 2no. coats and primer. Colour to be dark stone.
- See finishes note on OTH-PUR-TH-XX-DWG-A-5260 for finishes to metal casing.

General Notes:

For location of perimeter boxing and indication of types refer to cabinetry plans Refs:

- OTH-PUR-TH-LG-DWG-A-0600
- OTH-PUR-TH-GF-DWG-A-0601
- OTH-PUR-TH-01-DWG-A-0602
- OTH-PUR-TH-02-DWG-A-0603
- OTH-PUR-TH-03-DWG-A-0604
- OTH-PUR-TH-04-DWG-A-0605
- OTH-PUR-TH-05-DWG-A-0606
- OTH-PUR-TH-06-DWG-A-0607

and also to the Schedule:
- OTH-PUR-TH-ZZ-SCH-A-5919

For NBS Specifications refer to the following sections:

G20 - OTH-PUR-TH-ZZ-SPE-A-5935
K10 - OTH-PUR-TH-ZZ-SPE-A-5926
K20 - OTH-PUR-TH-ZZ-SPE-A-5909
K32 - OTH-PUR-TH-ZZ-SPE-A-5934
P20 - OTH-PUR-TH-ZZ-SPE-A-5921
P21 - OTH-PUR-TH-ZZ-SPE-A-5902
P31 - OTH-PUR-TH-ZZ-SPE-A-5937
M60 - OTH-PUR-TH-ZZ-SPE-A-5906
Z10 - OTH-PUR-TH-ZZ-SPE-A-5940
Z11 - OTH-PUR-TH-ZZ-SPE-A-5908

NOTE:
These are typical drawings to show the principles of the boxing, specific heat emitter numbers and lengths and socket requirements vary depending on room. Refer to Arup Schedule

- OTH-ARU-TH-ZZ-SCH-B-0011

Refer to window types plans for locations of secondary glazing, and secondary glazing details for interfaces between glazing and perimeter boxing. OTH-PUR-XX-XX-SCH-A-9635 contains list of drawings numbers relevant to secondary glazing package.

Type 1 and 2 Perimeter Boxing Setting Out Principles

- All removable panels are to be 450mm in width, with the exception of the end infill panels, which can be 300mm, 200mm or 100mm to suit residual gap at the end of boxing run.

- Wall abutments and corner junctions to have fixed scribe panels, of varying size to suit the exact room dimension on site. Width of scribe panels to be minimum of 30mm and a maximum of 130mm.

- Where no heat emitter casing existing, setting out to be from centre of boxing run to allow symmetrical appearance with equal width scribe panels.

- Where they exist, setting out is to be from ends of heat emitter casing, working outwards.

- Setting out of each heat emitter casing is noted to each instance on setting out drawings. Normally heat emitter casings will be centred on run of boxing to allow symmetrical appearance with equal width scribe panels to ends. Where stated, heat emitter cover may be set out differently, e.g. centred on a window or pier. In these instances, boxing will not be symmetrical and scribe panels may be unequal.

-See OTH-PUR-TH-ZZ-DWG-A-5892 for principles of hatch setting out.

Note:
This drawing relates to the type 02 boxing and is to be read in conjunction with **OTH-PUR-TH-XX-DWG-A-5261,** which includes details for the associated metal casings.

Revision 07:
1. Structural Fins removed from Scope
2. Support Fins removed from Scope
3. Scribe Panels added behind FCU Covers in line with T&G Panelling to prevent movement
4. New 100mm T&G Panel with Budget Lock (Shown in Red) added to the ends of each Perimeter Boxing "Run"
5. ALL Worktop Hatches to feature 2x Budget Locks centred across the length of the Hatch (Refer to Type Drawings)
6. Timber support frames to be errected where there is no Unistrut Modules
7. Heat Sensor added to boxing (Follow Type Drawings Elevation & Plan for general setting out
8. Intermediary timber framing removed from scope
9. Magnetic fixing detail altered to suit new proposal of Metal Strip between Boxing and Unistruts and round magnets to back of T&G Panels

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
08	10/06/2024	GO	JBA	Perimeter Boxing Additional Works under EWN-1061 Updated, Refer to Revision Comments
07	08/01/2024	AD	HC	Level 02 Perim Boxing Package
06	05/04/2022	AH	ND	Finish note contents amended

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PROJECT STATUS	RIBA STAGE 5
CLIENT	Manchester City Council
PROJECT	OUR TOWN HALL
DRAWING TITLE	Type 2 - Perimeter Boxing Detail Typical Finned Tube
SIZE & SCALE	A1: As indicated
DRAWING STATUS	
JOB NUMBER	236959
DRAWING NO.	OTH-PUR-TH-ZZ-DWG-A-5921
REV	08

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