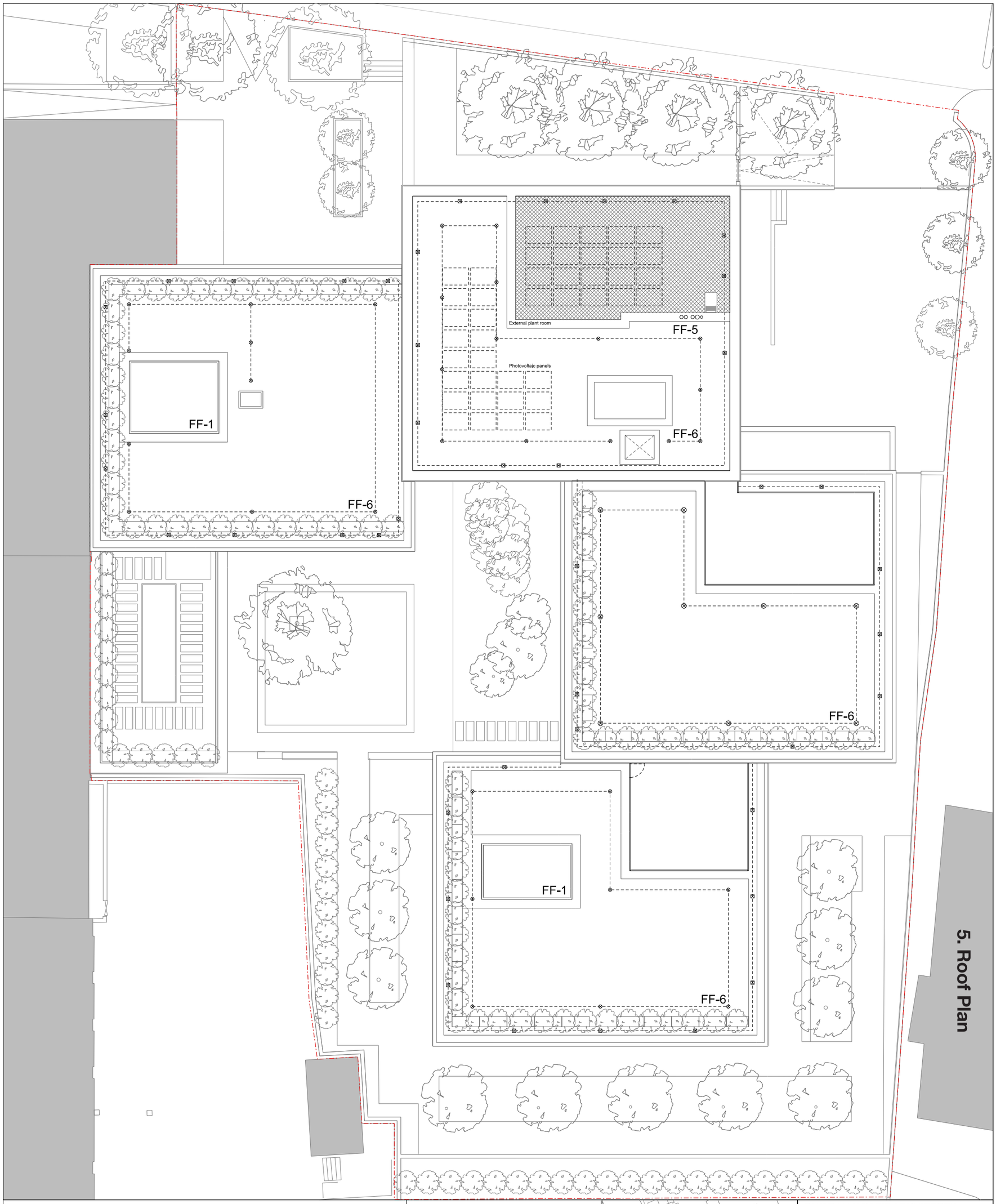

5. Roof Plan

NOTES:

PLANNING CONDITION 04

FACADE FITTINGS KEY:

FF-1 Perforated metal grille (for further information see EX-2.4 of Planning Condition 02 document)

FF-2 Wall mounted flush brick slot light

FF-3 Wall mounted door access controls

FF-4 Wall mounted car park access controls

FF-5 Roof mounted ventilation flue

FF-6 Roof mounted fall arrest and abseil system

SKETCH

revision	date	amendment
SKETCH	24.08.17	For discharge of Planning Condition 04 - locations of external access controls, lighting, and ventilation
B	16.05.16	Revisions to flue locations
A	18.04.15	Block B floor removed AOV rooflight added above stair core PV panels illustrated on Block B roof
/	01.10.14	Submitted to planning

N

DUGGAN MORRIS ARCHITECTS

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SKETCH

job title
BARTRAM'S HAMPSTEAD

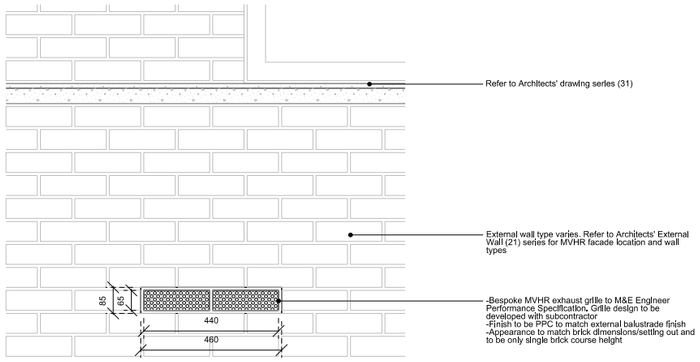
drawing description
NINTH FLOOR (ROOF) PLAN

status
PLANNING

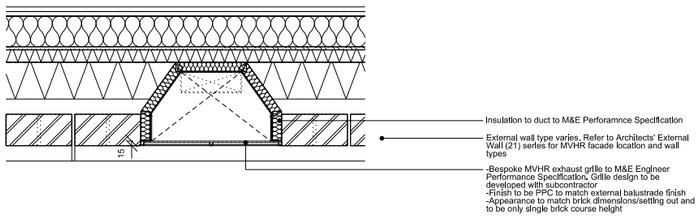
scale	1:100 @ A1		1:200 @ A3		
job no	source	zone	element	drawing no.	revision
A213	A		(01)	1 12	B

APPENDIX

ELEVATION



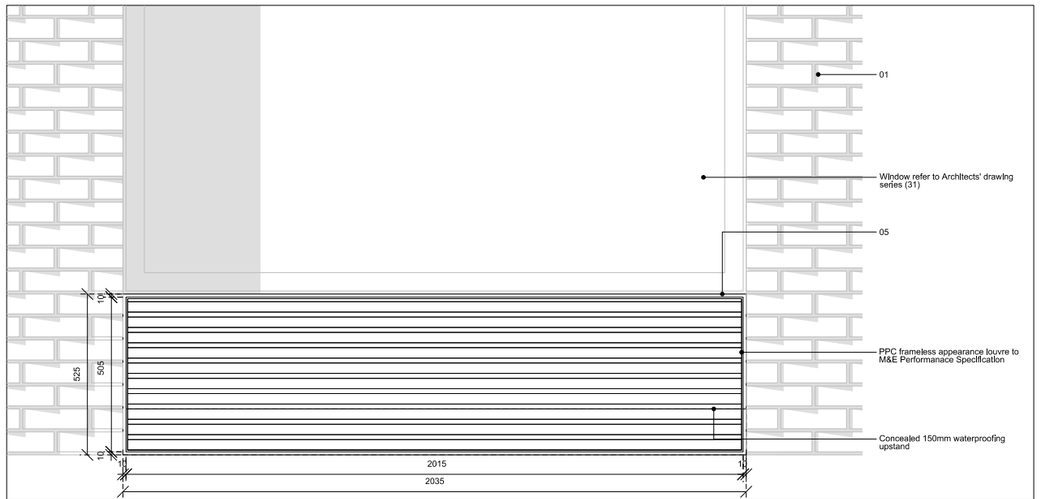
PLAN



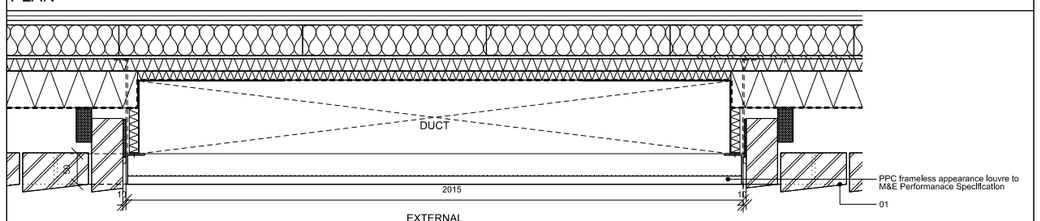
DESCRIPTION

LOCATION	Typical MVHR exhaust grill to every apartment.
MANUFACTURER	TBC
FINISH	PPC to match external balustrade colour
FREE AREA	Total free area 10,000mm2

P01



PLAN

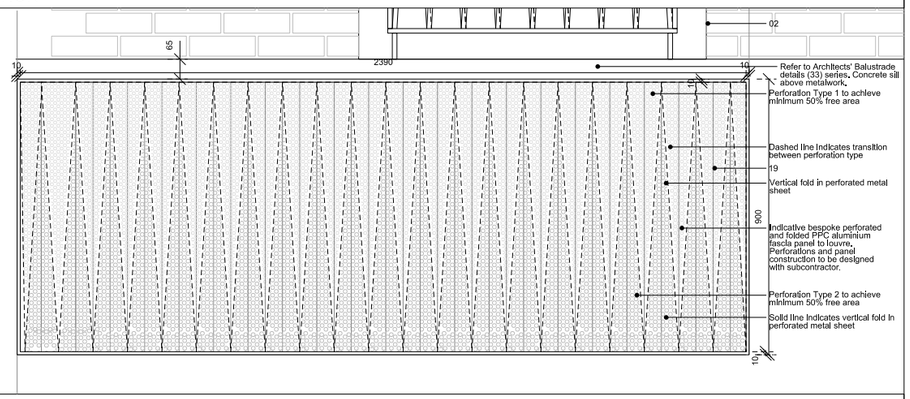


DESCRIPTION

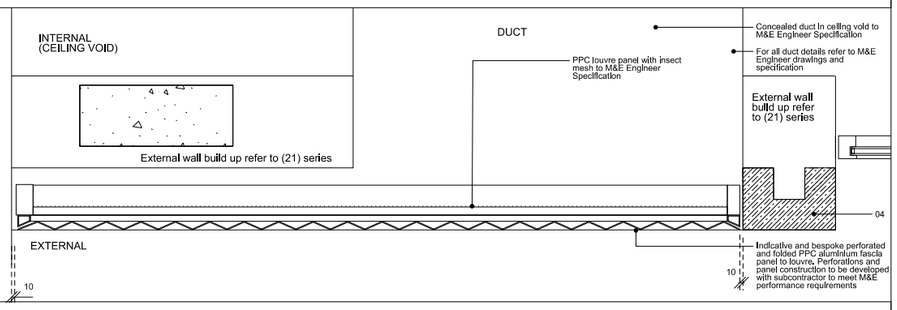
LOCATION	LG Floor Boiler Room Riser-under window W03C
MANUFACTURER	TBC
FINISH	PPC to match external balustrade colour
FREE AREA	Total of louvre panel = 50%

P03

ELEVATION



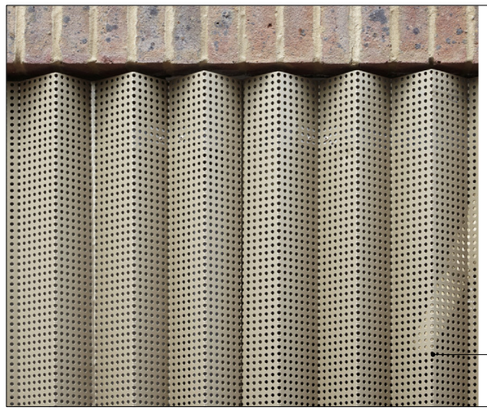
PLAN



DESCRIPTION

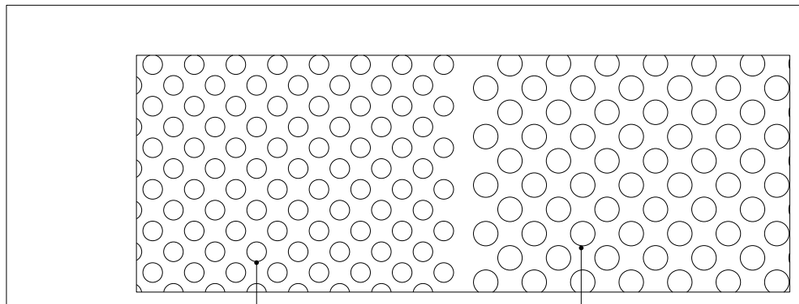
LOCATION	00 Floor-Cafe external louvre to roof garden
MANUFACTURER	TBC
FINISH	PPC to match external balustrade colour
FREE AREA	Total of louvre panel + perforated fascia + frame = 50%

P02

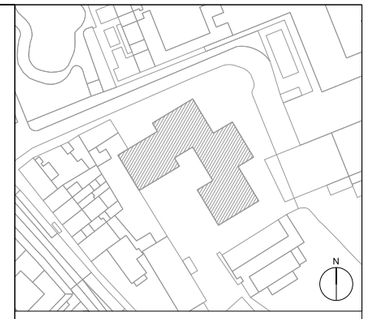


Reference Image describing vertical folds in perforated metal sheet

BESPOKE LOUVRE FASCIA REFERENCE IMAGE



BESPOKE LOUVRE FASCIA INDICATIVE PERFORATION



KEY:

01. Cladding type 1: Special brick to spec ref. F10 and Z21
02. Cladding type 2: Standard brick to spec ref. F10 and Z21
03. Cladding type 3: Chamfer panels to spec ref. F10 and Z21
04. Cladding type 4: Precast concrete panels to spec ref. H42
05. Precast concrete sill-coping to spec ref. F31 and H42
06. Brick chamfered lintel for cladding type 2 to spec ref. F10 and Z21
07. Brick slip soffit to match brick lintels to spec ref. F10 and Z21
08. External balustrade. Refer to Architects' (33) Series and L30
09. Terrace paving to Landscape specification
10. Windows - Loggia. Refer to Architects' (31)Series & spec. ref. L10
11. Windows. Refer to Architects' (31)Series & spec. ref. L10

REFER TO ARCHITECTS SPECIFICATION

To be read in conjunction with the following:
- Landscape details and specification
- Underground drainage details and specification
- Structural Engineers specification
- Mechanical, Electrical, Public health specification and drawings.

Notes:

SURVEY INFORMATION FROM ROSS LAIRD SURVEYORS.
ALL MEASUREMENTS TO BE CONFIRMED ON SITE.

Drawings to be read in conjunction with :
- Architects' (01) Series GAs
- A213(SK)016 and Architects' specifications
- Architects' (21) Series - External walls
- Architects' (31) Series - Windows
- Trade contractors drawings
- Fire Consultant drawings and specifications

NOTE:

- Construction details only indicative. Refer to trade contractors drawings for facade and roof.

- Visible vertical movement joints on the cladding not acceptable.

-LOUVRE PANEL TYPES SHOWN ARE INDICATIVE ONLY. REFER TO JSW M&E CONSULTANTS DRAWINGS.

revision	date	
D	02.05.17	MVHR grille location revised
C	01.12.16	Revised dimensions to panels following workshops with M&E consultant.
B	28.08.15	Third Issue.Louvre and fascia designs updated.
A	29.07.15	Second Issue.Free area requirements added.
/	28.07.15	First Issue

SKETCH

SKETCH

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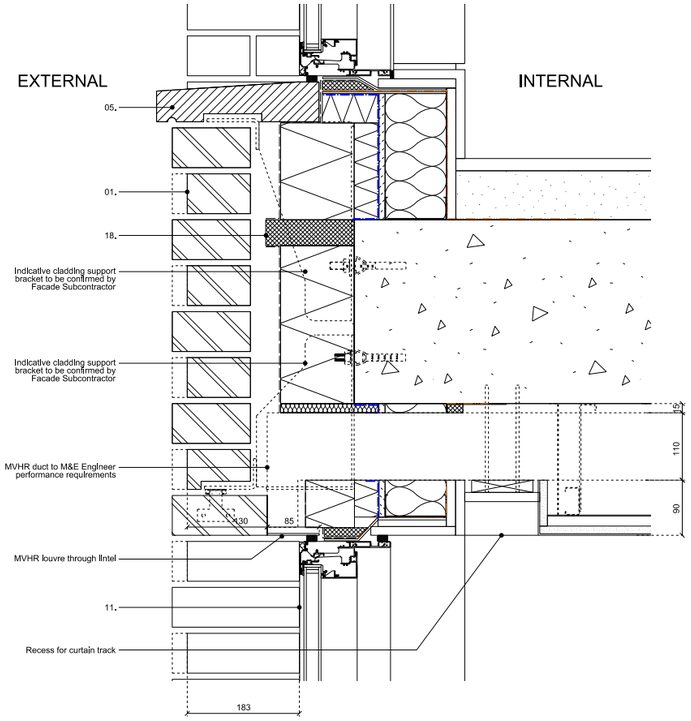
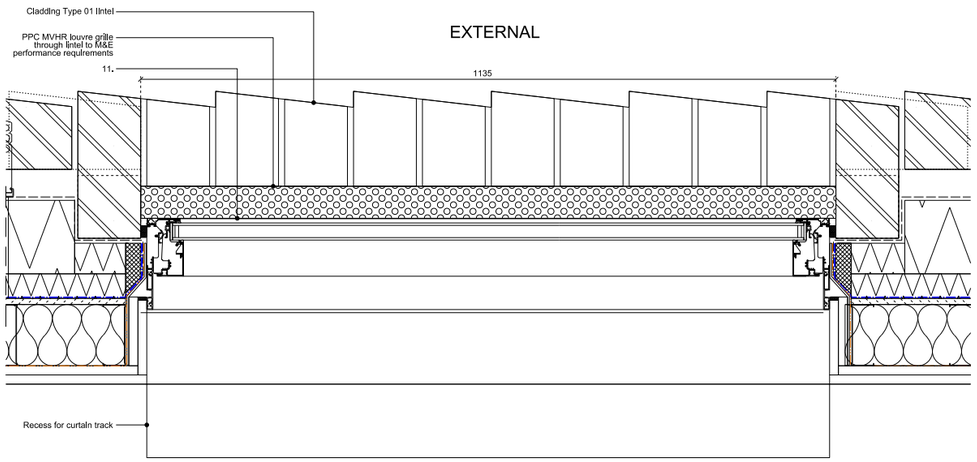
job title	HAMPSTEAD GREEN				
drawing title/location	LOUVRE PANEL TYPES				
status	TENDER				
scale	1:10 @ A1			1:20 @ A3	
job no	source	zone	element	drawing no.	revision
A213			(31)	501	D

SECTION

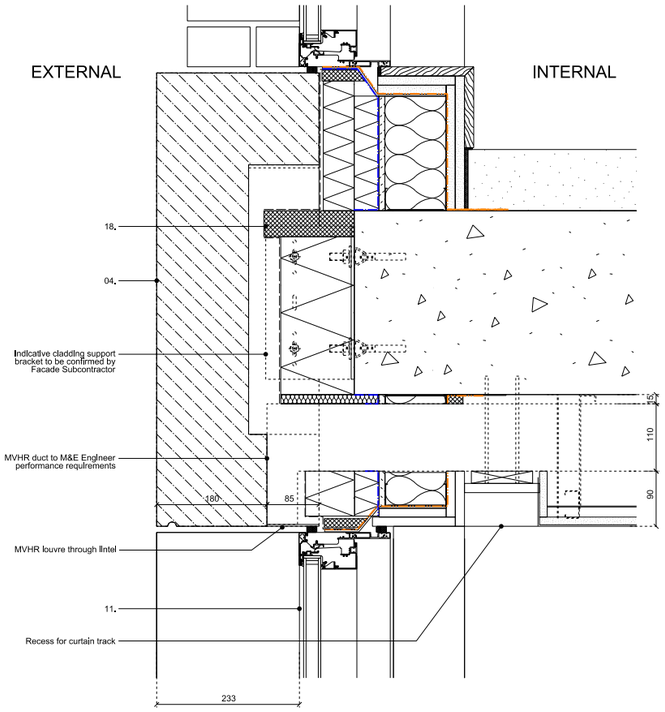


REFLECTED CEILING PLAN

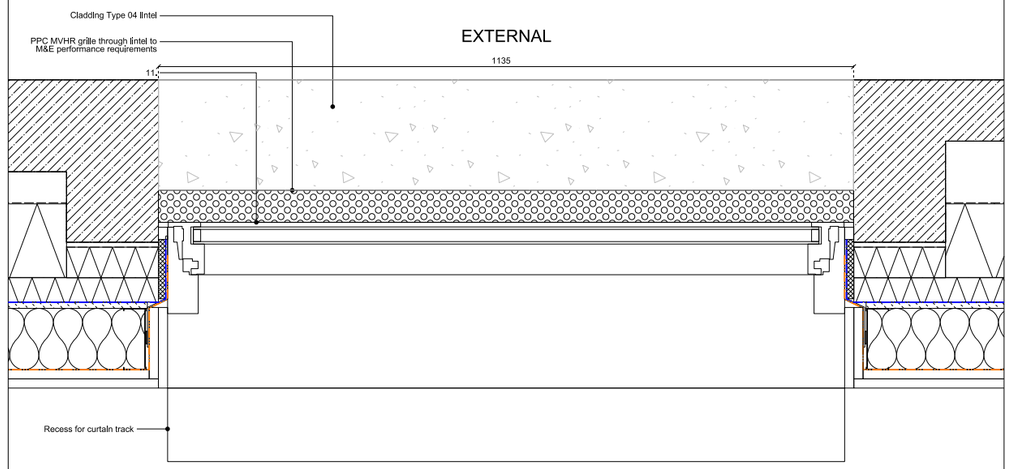


01 - Cladding Type 1. Interface detail - MVHR through brick specials

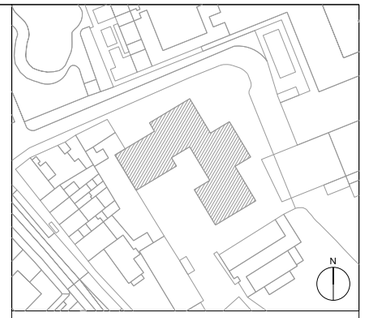
SECTION



REFLECTED CEILING PLAN



02 - Cladding Type 4. Interface detail - MVHR through precast lintel



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07. Brick slip soffit to match brick lintels to spec ref. F10 and Z21
08. External balustrade. Refer to Architects' (33) Series and L30
09. Terrace paving refer to Landscape Architects specification
10. Windows - Loggia. Refer to Architects' (31)Series & spec. ref. L10
11. Windows. Refer to Architects' (31)Series & spec. ref. L10
12. Cladding support fixings TBC with Facade Consultant
13. Steel framing system to spec. ref.G13
14. Cavity wall tie to SFS to spec. ref. F30
15. Insulation with taped joints to spec. ref. P10
16. Perpend joint weep hole to spec. ref. F30
17. Fire stopping-location refer to fire consultants report
18. Cavity closer to spec. ref. F30
19. Precast concrete lintels - Cladding type 4 to spec. ref. H42
20. Concealed seal joint
21. Special brick lintels - Cladding type 1 to spec ref. F10 and Z21
22. Standard brick lintels - Cladding type 2 to spec ref. F10 and Z21
23. Special precast concrete sills at lower GF to spec ref. H42
24. Special precast concrete coping - int. loggia edge to spec ref. H42
25. Structural thermal break slab. Refer to Structural Engineer spec.
26. Special precast concrete soffit to spec ref. H42
27. Precast concrete parapet piece to spec ref. H42
28. Frameless glass facade to spec. ref. H11
29. Cavity
30. Insulation to spec. ref. P10
31. Internal lining to spec. ref. K10
32. Skirting. Refer to (22) Series - fit out package
33. 10mm cement particle board refer to G13
34. 10mm open joint for ventilation with concealed vermin mesh
35. Compriband joint sealing tape
36. Acid etched finish

REFER TO ARCHITECTS SPECIFICATION

Notes:

SURVEY INFORMATION FROM ROSS LAIRD SURVEYORS.
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- A213(SK)016 and Architects' specifications
- Architects' (21) Series - External walls
- Architects' (31) Series - Windows
- Facade Consultant drawings and specifications
- Fire Compartment drawings (22) series and Fire Consultant report
- Internal acoustic performance (22) series
- Structural Engineers specification
- Landscape details and specification
- Underground drainage details and specification
- Mechanical, Electrical, Public health specification

LIST OF DEFINITIONS:

FFL = Finish Floor Level
SSL = Structural Slab Level
FCL = Finish Ceiling Level
TOU = Top Of Upstand
TOS = Top Of Sill
TOP = Top Of Parapet

Waterproofing membrane by Roofing Subcontractor

Waterproofing membrane by Cladding Subcontractor

Airtighness / vapour control membrane

SKETCH

revision	date	
/	02.05.17	First Issue

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job title
HAMPSTEAD GREEN

drawing title/location
MVHR Lintels - Interface Details

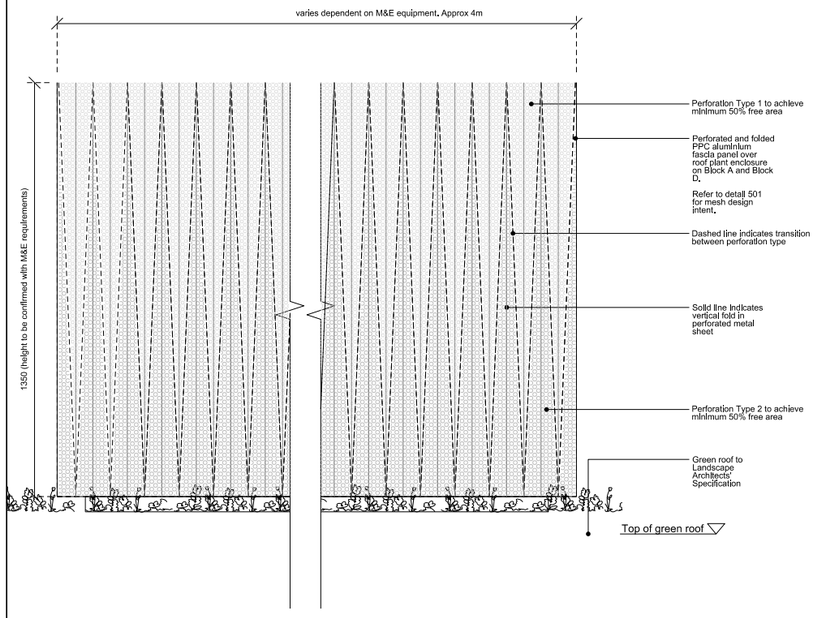
status TENDER

scale 1:5 @ A1 | 1:10 @ A3

job no	source	zone	element	drawing no.	revision
A213			(21)	636	/

SKETCH

ELEVATION



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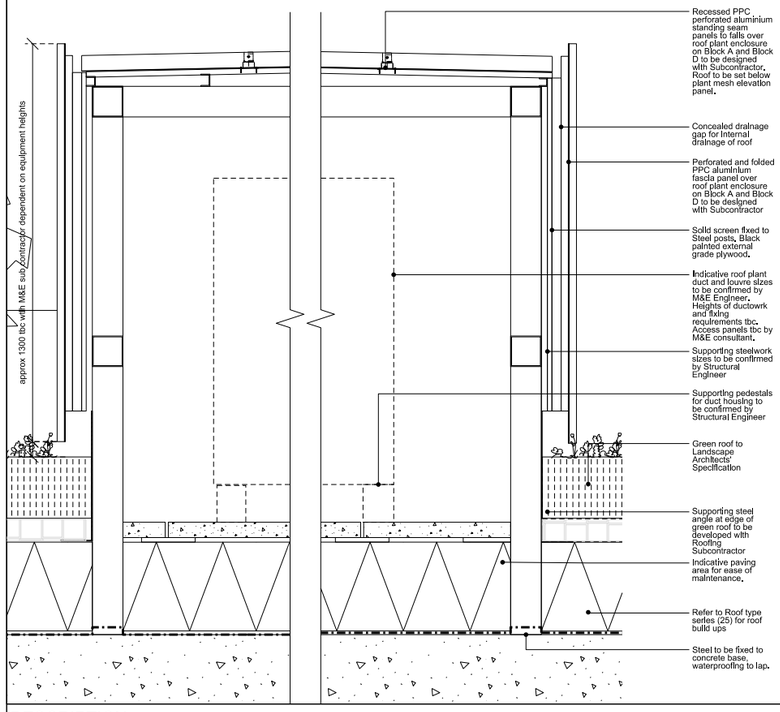
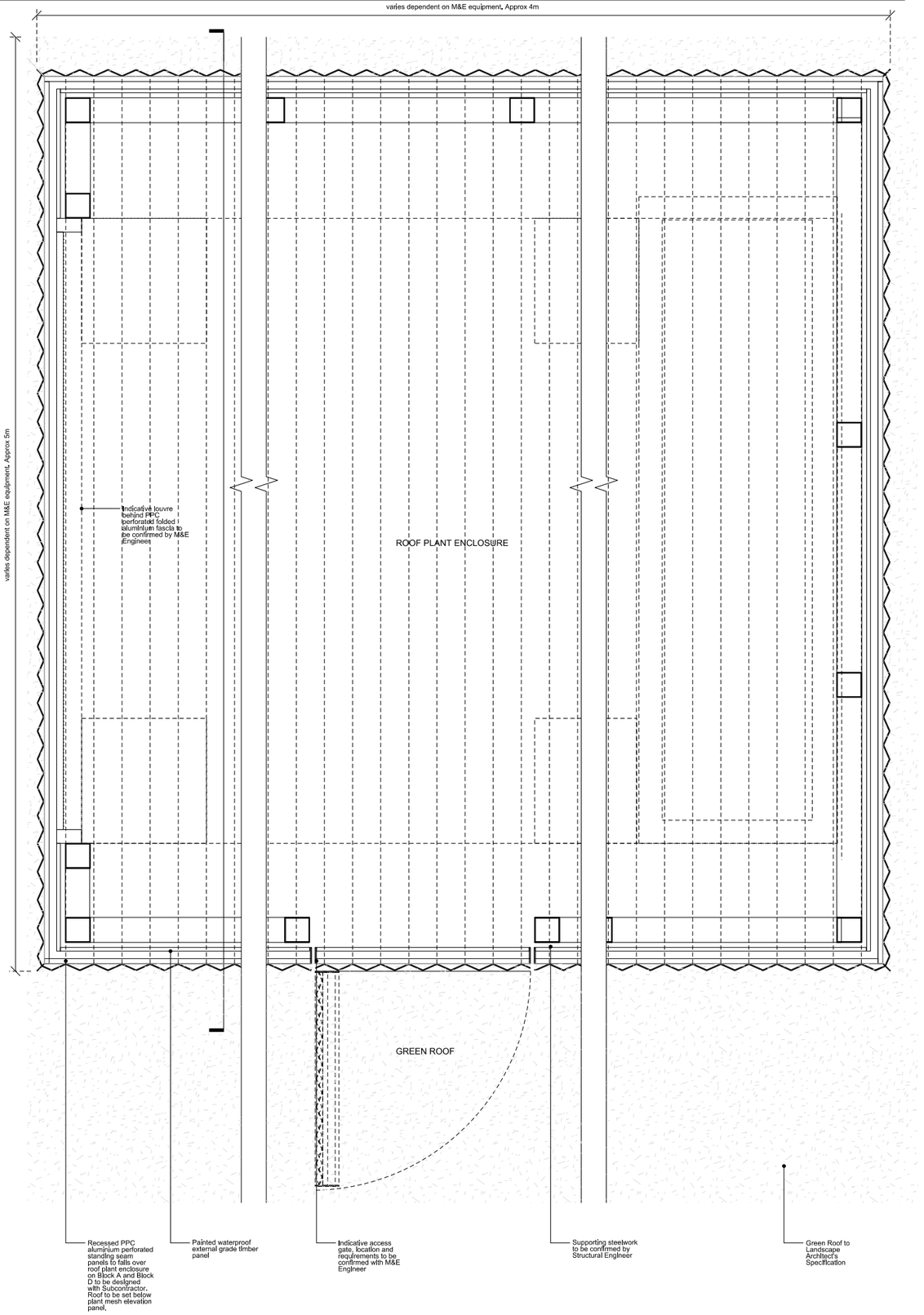
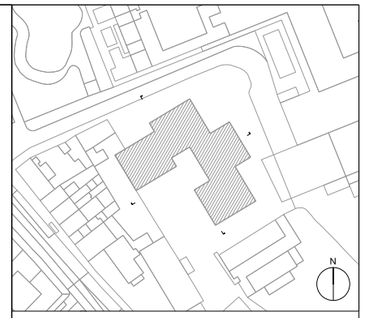


DESCRIPTION

LOCATION	03 Floor Block D & 05 Floor Block A-Typical Roof Plant enclosure details
MANUFACTURER	TBC
FREE AREA	Total free area (louvre panel + perforated fascia + frame) = 50%

PLAN





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11. Windows. Refer to Architects' (31)Series & spec. ref. L10

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revision	date	
C	01.12.16	Key updated
B	28.08.15	Third Issue.Louvre and fascia designs updated.
A	29.07.15	Second Issue.Free area requirements added.
/	28.07.15	First Issue

SKETCH

SKETCH

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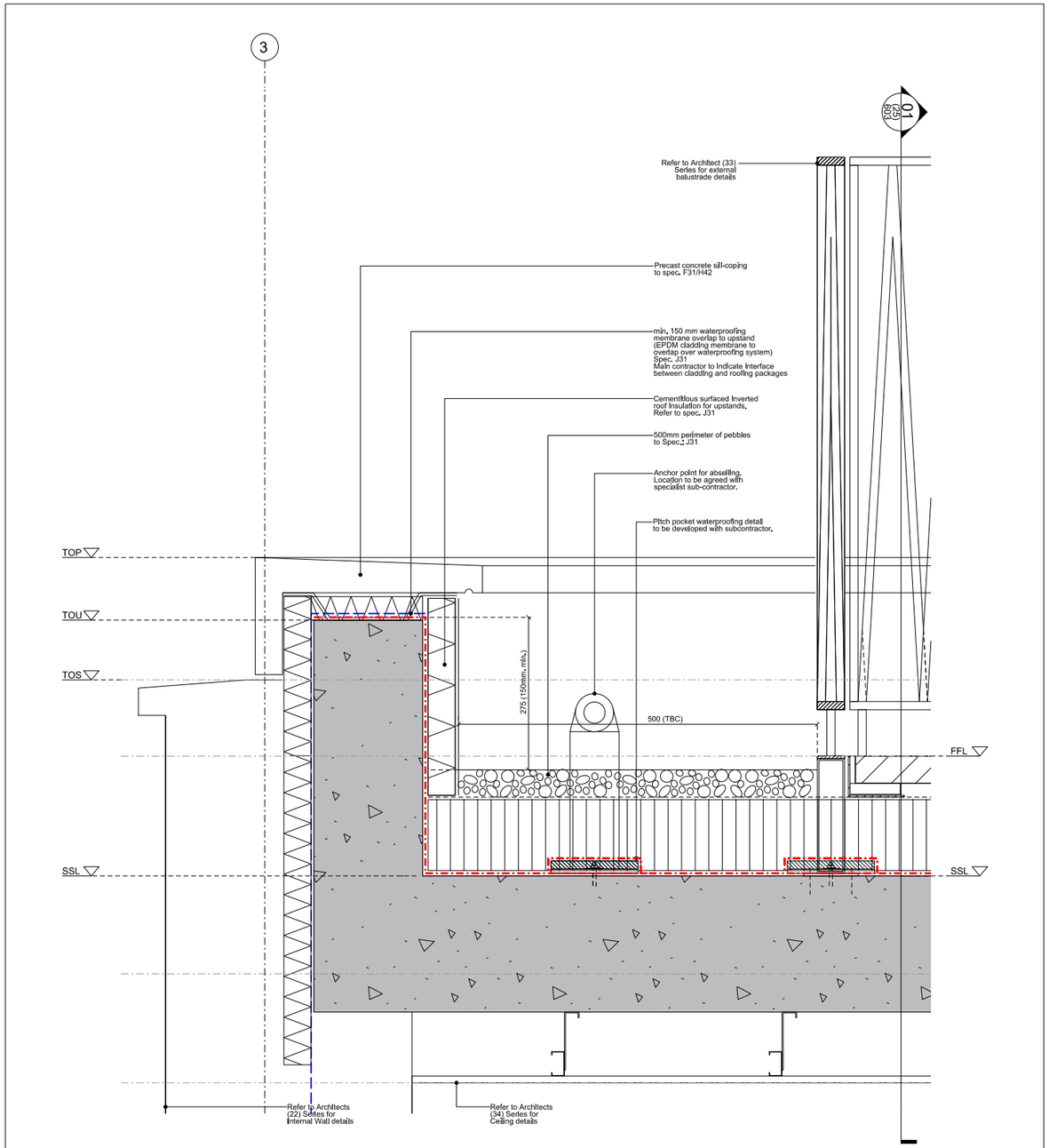
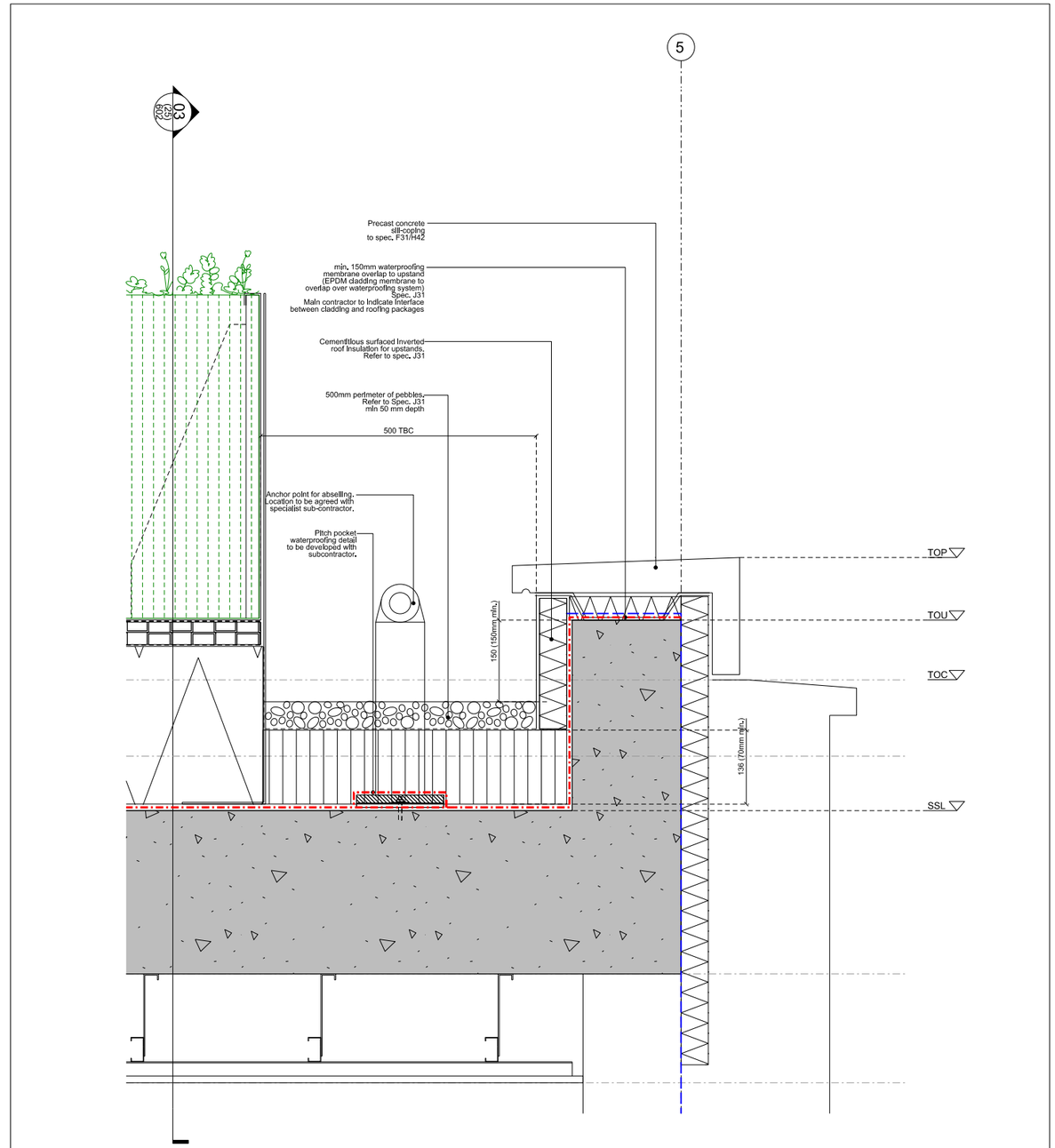
job title	HAMPSTEAD GREEN				
drawing title/location	LOUVRE PANEL TYPES				
status	TENDER				
scale	1:10 @ A1			1:20 @ A3	
job no	source	zone	element	drawing no.	revision
A213			(31)	505	C

P09



01 - STANDARD PARAPET DETAIL (blocks A, C and D): interface detail with terrace and external balustrade



02 - STANDARD PARAPET DETAIL (blocks A, C and D): interface detail with the planters

NOTES:

These drawings are to be read in conjunction with the following:

- Architect Drawings:
- GA (01) series for general setting out
- Fire Compartment Drawings (22) series
- Internal acoustic performance (22) series
- Windows (31) Series
- RCPs (03) Series
- Thermal Key Plans (21) 101 to 112 for U-value performance requirements

- Structural Engineers design and specification for frame design - Elliot Wood Drawings
- M&E, Public health specification - Max Fordham Drawings
- Landscape Architect specification - Camlins
- Lighting - Inverse Drawings

NBS:

- J31 Liquid applied waterproof roof coatings
- F10 Brick/Block Walling
- F30 Accessories/sundry items for brick/block/stone walling

LIST OF DEFINITIONS:

FFL = Finish Floor Level
SSL = Structural Slab Level
FCL = Finish Ceiling Level
TOU = Top Of Upstand
TOS = Top Of Sill
TOP = Top Of Parapet

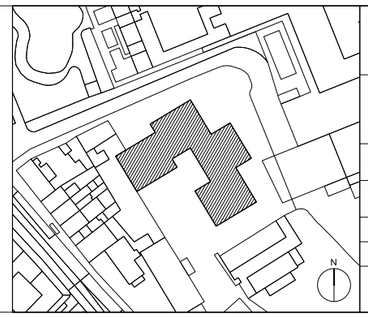
Waterproofing membrane by Roofing Subcontractor

Waterproofing membrane by Cladding Subcontractor

Proprietary mastic asphalt screed to falls by Roofing Subcontractor

SKETCH

revision	date	amendment
A	20.08.2015	Waterproof upstand to parapets increased to comply with PG's requirements
/	14.08.2015	First Issue



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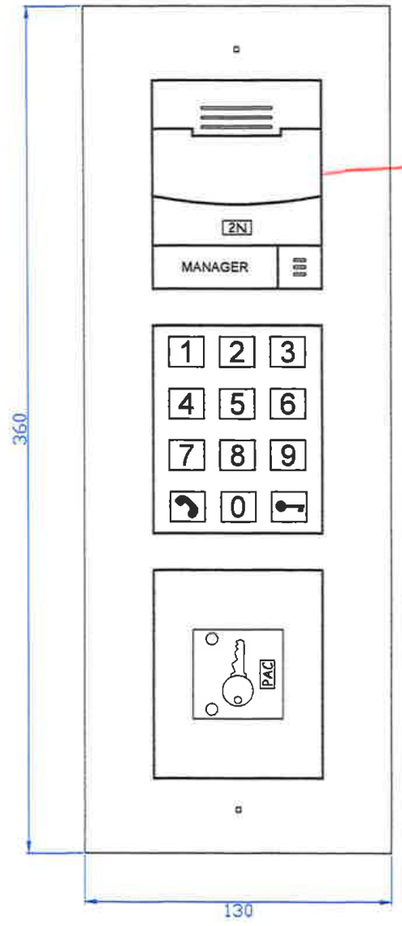
SKETCH

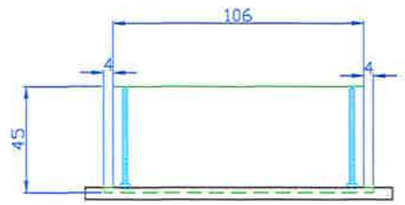
job title	HAMPSTEAD GREEN
drawing title/location	ROOF INTERFACE DETAILS - IV
status	TENDER
scale	1:5 @ A1 / 1:10 @ A3

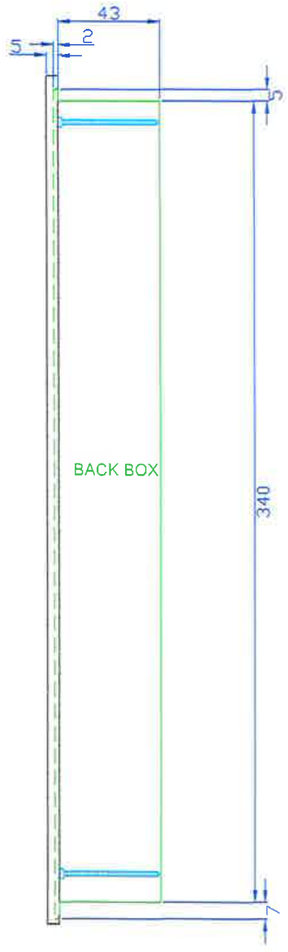
job no	source	zone	element	drawing no.	revision
A213	A	ZABCD	(25)	608	A

FULL DOOR PANEL.

'DOOR ENTRY PANEL'.







CUT OUT
min 108(W) x 346(H) x 45(D)

Tunstall

Tunstall Healthcare (UK) Ltd
Whitley Lodge
Whitley Bridge
Yorkshire
DN14 0HR
Tel: 01977 661234
WWW.Tunstall.com

Client
Tunstall

Project Title
2N 3Module Door Panel

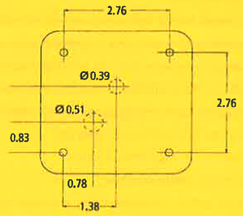
Drawing Title
Generic Diagram

Drawn By RR	Checked CG	Date Drawn 08.09.2016
Scale Not to scale	Current Revision	A
Drawing Number	TUN_2N_3MOD DP GEN	

STANLEY

FEATURES AND SPECIFICATIONS CHART

	GS3-LF Vandal Proximity Reader
Description	Mullion-style proximity reader
ID Technology	**125 kHz** - KeyPAC and most 125kHz HID® Proximity **153 kHz** - PAC and Readykey™
Programmable Output	PAC (Readykey™), PAC64, Weigand and Magstripe
Dimensions	H: 4 in. x W: 4 in. x D: 0.6 in
Weight	14.5 oz nominal
Maximum Read Range	Up to 2 in.
Environment	IP67 - Indoor / Outdoor weather resistant
Max. Current Requirements	< 90mA
Operating Voltage	12 VDC - 24 VDC Nominal (Range 10.5 to 28 VDC)
Recommended Cable Type	PAC Format: 22AWG 4-Conductor Unshielded, up to 800 ft Wiegand Format 22AWG 5-Conductor Shielded, up to 500 feet
Operating Temperature	-40° to + 151° F
Operating Humidity	10 to 85% relative humidity non-condensing
Audiovisual Indication	Dual LED (red-green) and audible sounder
Material	Stainless Steel
Tamper	Yes - wire tamper (PAC 512), case and wall
Certifications	UL 294 5th Ed. Attack Class 3, ULC S319-05 Class 3, UL 1610, ULC S304, UL 1076, ULC 1076, FCC Part 15 & IC RSS210 IK06 Impact Rating
Ordering Information	75-20116 GS3-LF Vandal Proximity Reader



CREDENTIAL READ RANGE

	Key Fob	ISO Card
Stanley GS3 Vandal Reader	Up to 1.7 in.	Up to 2 in.

CARD AND KEY FOB COMPATIBILITY


K3010 / D8338

K3011 / D8339


K3011M


HID 1346
ProxKey III


K2010 / D8238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Analogue Wall Sounder Beacon

CHQ-WSB

Features

- Loop Powered
- Single Loop Address - addressed via the TCH-B100 Hand Held Programmer
- Variable Sound Output
  90 ~ 102 dB(A) (±2 dB(A)) output at 1 metre
- High Intensity LED technology
- Variable flash frequency*
- Fits Hochiki Standard or Isolator Base
- Weatherproof Kit available
- 51 User-Selectable Tones (all tones EN54-3 compatible)

Description

Model CHQ-WSB is an addressable loop powered Wall Sounder Beacon innovatively designed to provide a range of tones and volumes with a maximum output of up to 102dB(A)
(±2dB(A)) with low current consumption. The unit features an integral beacon within the horn utilising high intensity LED technology and is designed to fit to the Standard Base (YBO-R/3(RED)) or the Isolator Base (YBO-R/SCI(RED)). The sounder is IP rated to IP21 for internal use but it can be made weatherproof by utilising the WS2-WPK Weatherproof Kit, which consists of a specialised back box and gasket set.

Also incorporates an auto shutdown mode* which allows the user to set a fixed time within which the sounder will operate, before automatically silencing itself, ideal for minimising noise pollution.

Specification	
Ordering Codes	CHQ-WSB WS2-WPK (Weatherproof Kit)
Operating Voltage	17 ~ 41 VDC
Quiescent Current (typ)	150 µA (with YBO-R/3(RED)) 200 µA (with YBO-R/SCI(RED))
Sounding Current (typ)	2 mA (90 dB(A) (±2 dB(A)) @ 1 m) ~ 8 mA (102 dB(A) (±2 dB(A)) @ 1 m)
Additional Current when Beacon active	+ 5 mA
Sound Output (at 1 metre)	90 ~ 102 dB(A) (±2 dB(A)) @ 24 VDC or above
Number of Tones	51
Tone Frequency Range	300 Hz ~ 2850 Hz
Operating Temperature Range	-10 °C to +50 °C
Storage Temperature Range	-30 °C to +70 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Colour/Case Material	Red / PC ABS
Ingress Protection Rating	IP21 (IP65 with WS2-WPK)
Weight (g)/Dimensions (mm)	164 / H112 x W112 x D67
Base Fixing Centres (mm)	48 ~ 74

*Dependent on control panel compatibility.

Note: Although the TCH-B100 Hand Held Programmer will allow addresses between 128 and 254 to be programmed into the CHQ-WSB, addresses 1 to 127 ONLY should be used.

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