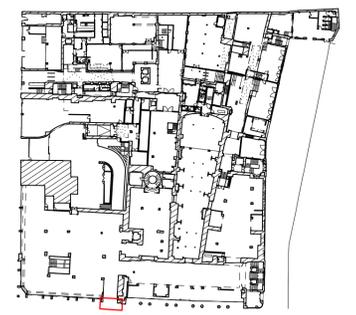


- KEY:
- ① Location and size of habitat signage that has now been removed but left markings on facade to be cleaned.
  - ② New repaired Portland stone wall paneling
  - ③ Engraved lettering
  - ④ Recessed downlights
  - ⑤ Glazed sliding doors, fixed panes with bronze effect frames
  - ⑥ Marble paving
  - ⑦ Bronze effect inlaid lettering
  - ⑧ inlaid bronze effect edging
  - ⑨ Heals wall mounted signage
  - ⑩ New Bronze Effect Metal pillars
  - ⑪ New retail lighting track to be installed alongside extension of MEP services at high level
  - ⑫ New Amtico timber effect flooring as per application 2022/1961/L (appropriate thresholds to be integrated as required)
  - ⑬ New high quality matwell

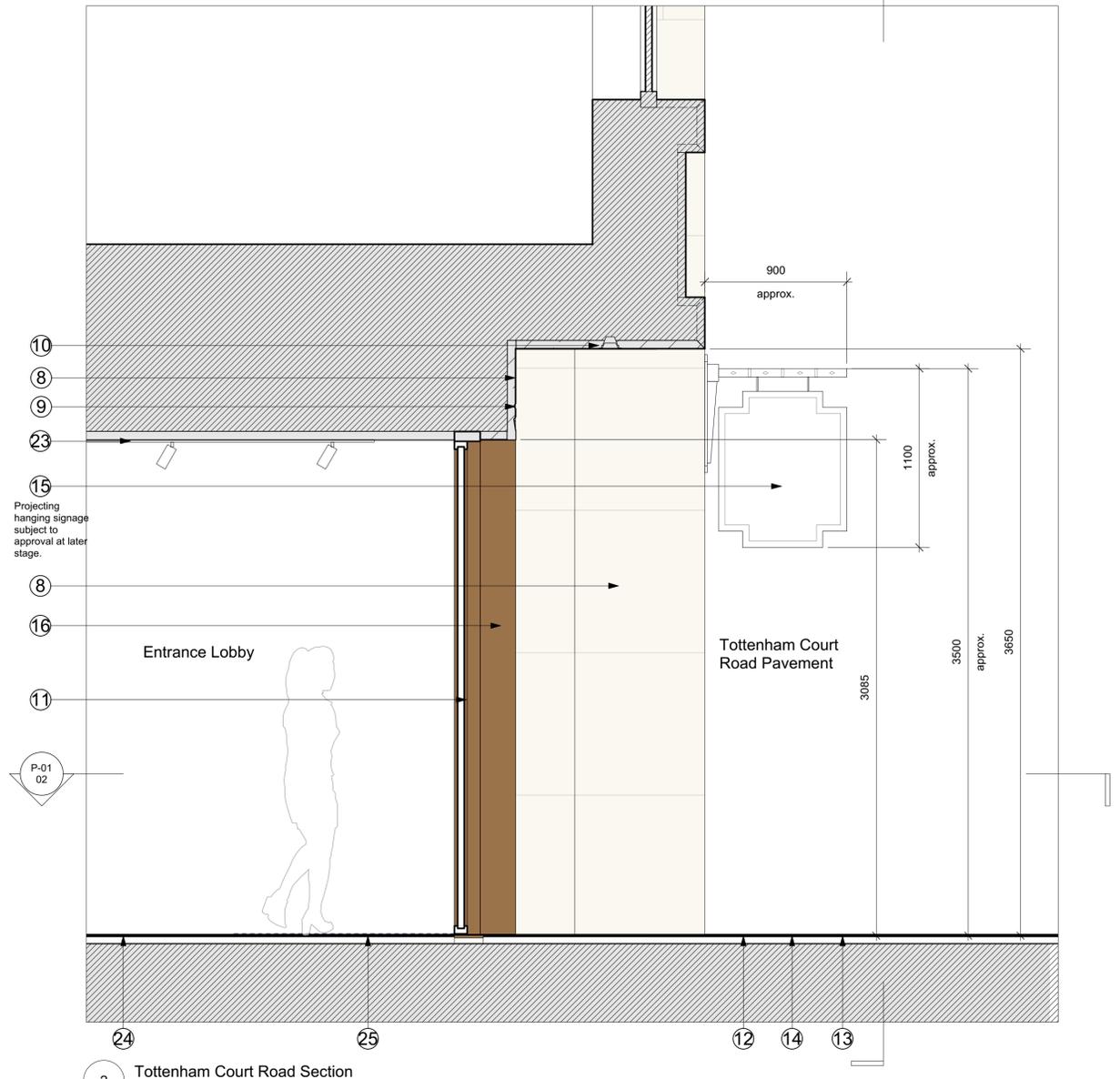


ME-01  
01

ME-01  
03



1 Tottenham Court Road Elevation  
Scale: 1:20



2 Tottenham Court Road Section  
Scale: 1:20



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DRAWING NOTES:

P4	19/12/2022	Issued for Planning	HRB
P3	11/11/22	Issued for Planning	HRB
P2	30/05/22	Issued for Planning	
P1	13/05/22	Issued for Planning	
REV.	DATE	NOTE	DRAWN

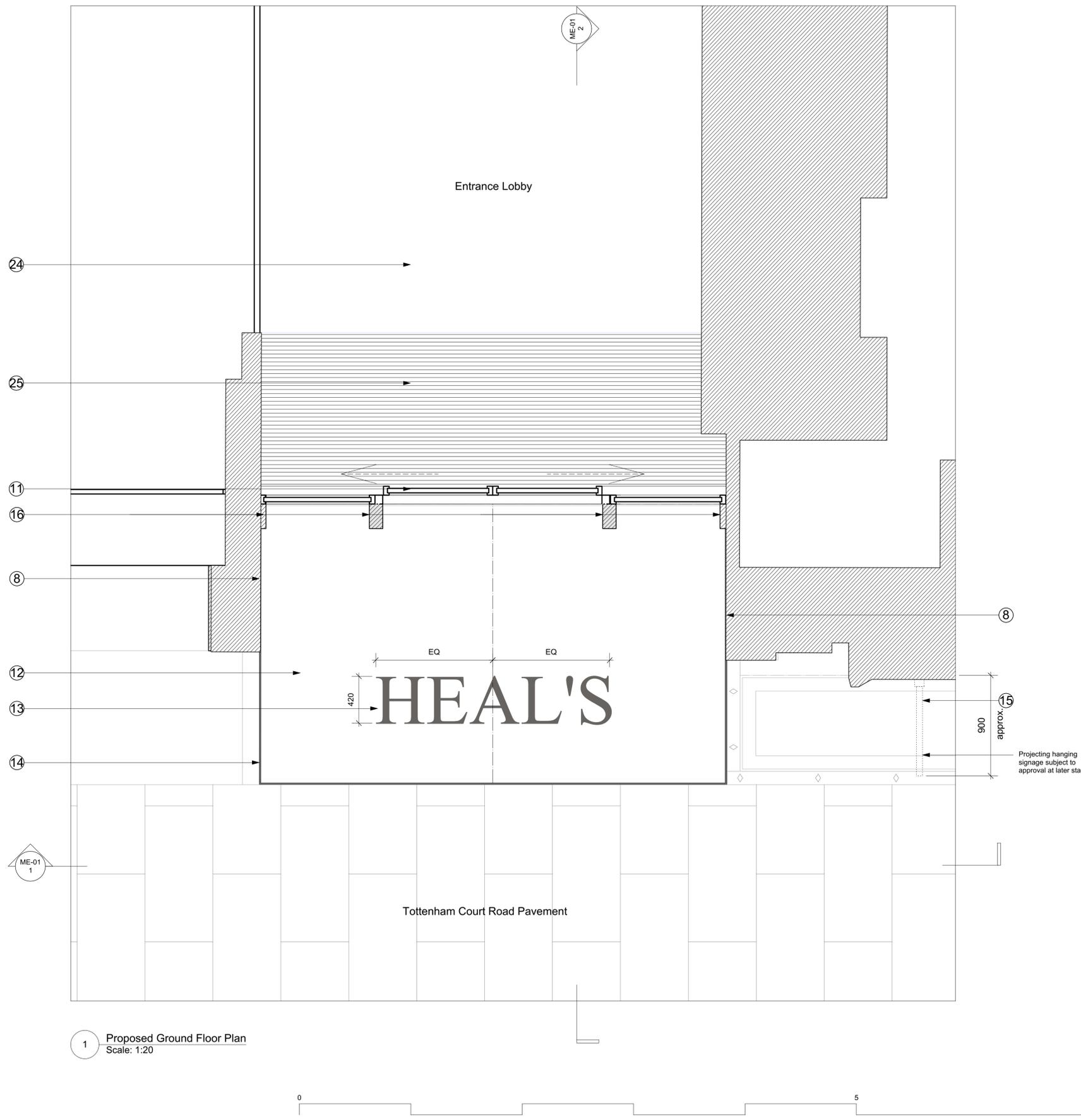
CLIENT	General Projects
PROJECT	Heal's Building
DWG No.	1215_PL3A-ME-01

DRAWING	Tottenham Court Road Facade: Proposed Heal's Entrance
STATUS	PLANNING
APPROVED	NJ
SCALE	1:20 @ A1 1:40 @ A3
DATE	November 2022

**BGY**  
 BUCKLEY GRAY YEOMAN  
 + 44 20 7033 9913  
 BGY.CO.UK

- KEY:
- ① Location and size of habitat signage that has now been removed but left markings on facade to be cleaned.
  - ⑧ New/ Repaired Portland stone wall paneling
  - ⑨ Engraved lettering
  - ⑩ Recessed downlights
  - ⑪ Glazed sliding doors, fixed panes with bronze effect frames
  - ⑫ Marble paving
  - ⑬ Bronze effect inlaid lettering
  - ⑭ inlaid bronze effect edging
  - ⑮ Heals wall mounted flag signage
  - ⑯ New Bronze Effect Metal pillasters
  - ⑰ New retail lighting track to be installed alongside extension of MEP services at high level
  - ⑱ New Amtico timber effect flooring as per application 2022/1961/L (appropriate thresholds to be integrated as required)
  - ⑲ New high quality matwell

Refer to PL3A-GA-10 for proposed plan.



1 Proposed Ground Floor Plan  
Scale: 1:20

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DRAWING NOTES:

P4	19/12/2022	Issued for Planning	HRB
P3	11/11/22	Issued for Planning	HRB
P2	30/05/22	Issued for Planning	
P1	13/05/22	Issued for Planning	
REV.	DATE	NOTE	DRAWN

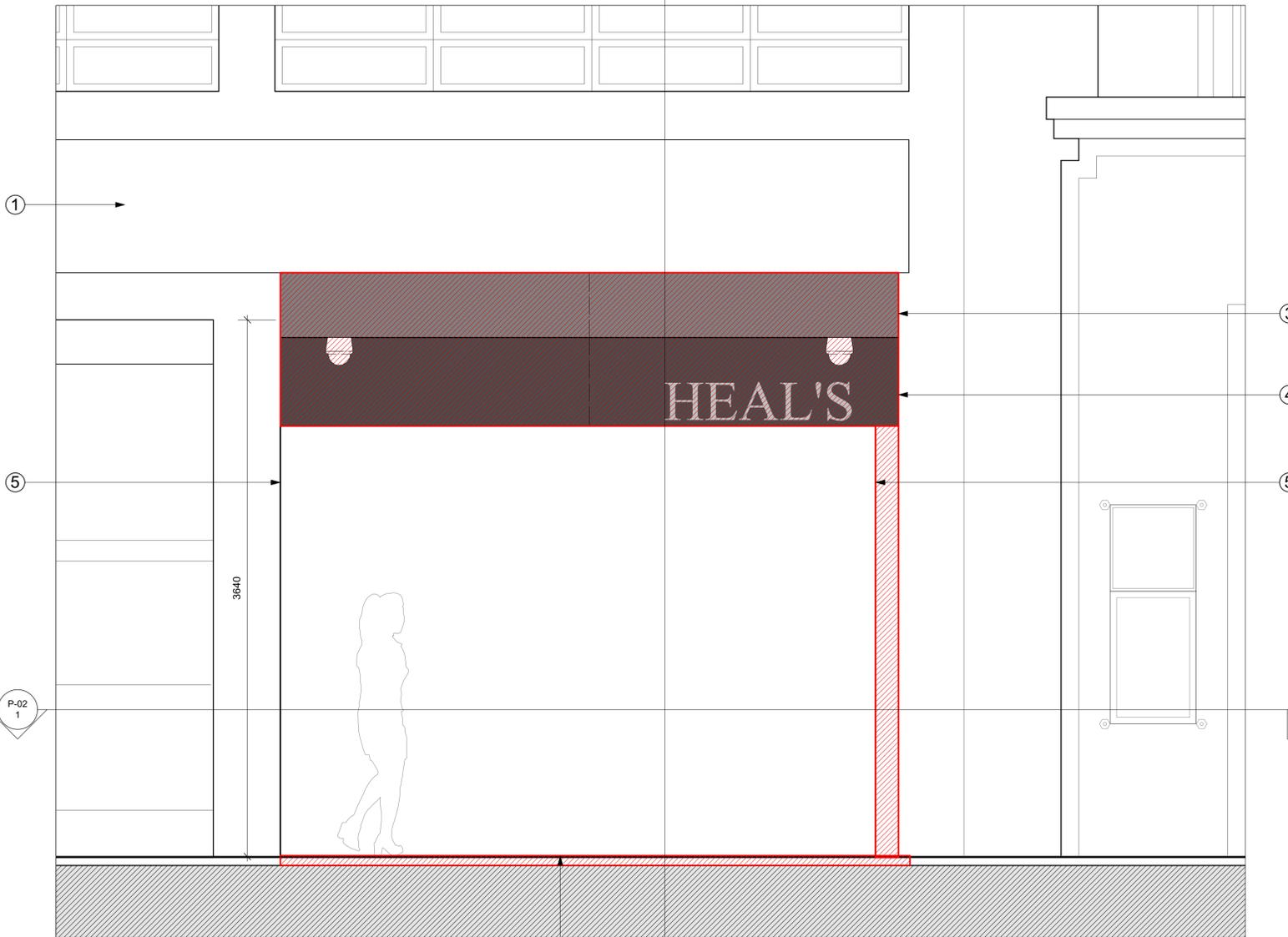
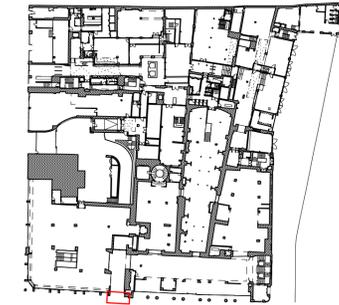
CLIENT	<b>General Projects</b>
PROJECT	<b>Heal's Building</b>
DWG No.	<b>1215_PL3A-P-03</b>

DRAWING	<b>Tottenham Court Road Facade: Heal's Entrance Prop. Plan</b>	
STATUS	<b>PLANNING</b>	APPROVED <b>NJ</b>
SCALE	<b>1:20 @ A1</b>	DATE <b>November 2022</b>
	<b>P4</b>	<b>1:40 @ A3</b>

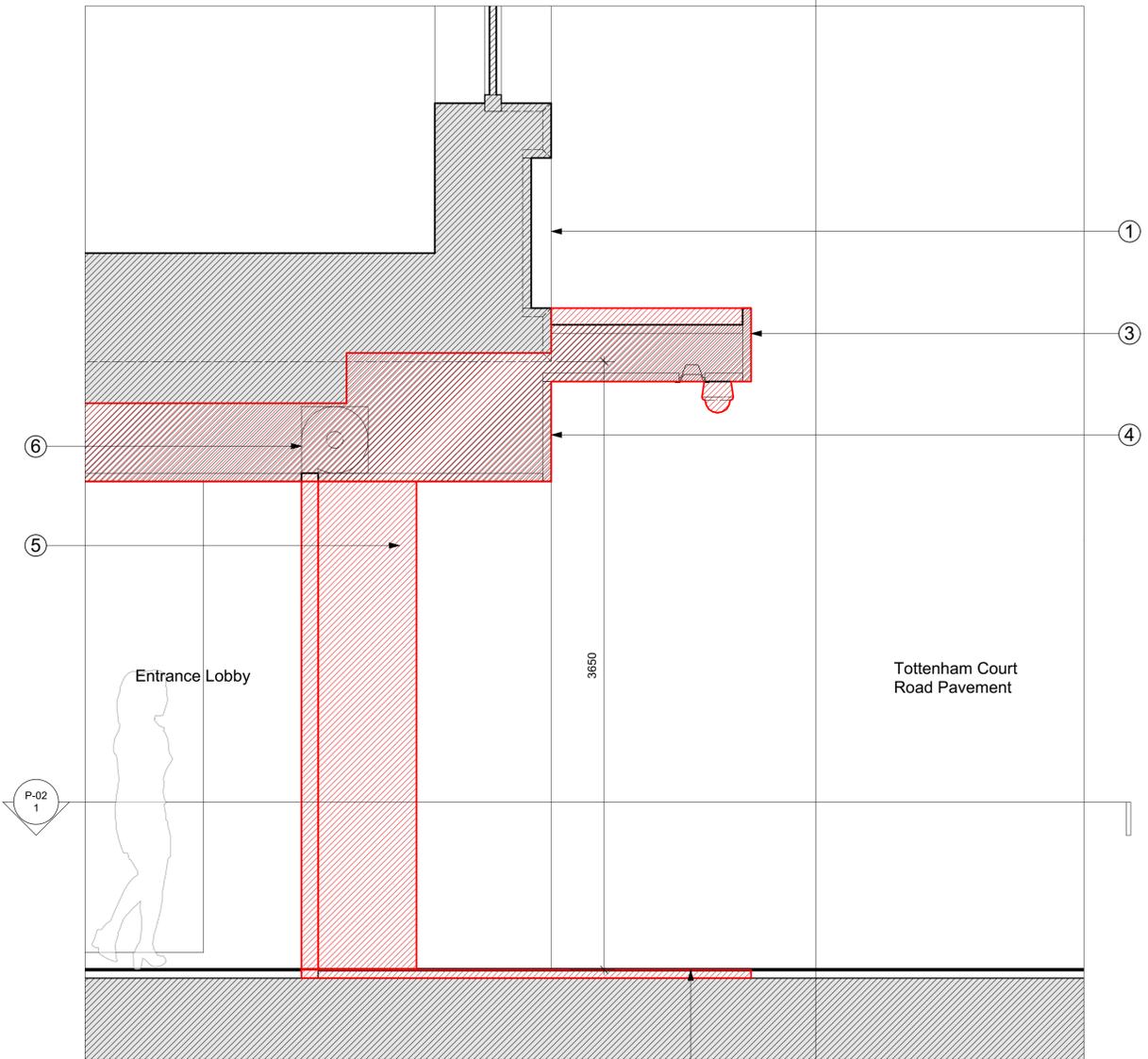
**BGY**  
BUCKLEY GRAY YEOMAN  
+ 44 20 7033 9913  
BGY.CO.UK

KEY:

- ① Location and size of habitat signage that has now been removed but left markings on facade - TO BE CLEANED
- ③ Existing PPC Metal projecting canopy- a later addition to the 1960s extension - TO BE CAREFULLY REMOVED
- ④ Existing PPC Metal bulkhead- a later addition to the 1960s extension - TO BE CAREFULLY REMOVED
- ⑤ Existing Portland Stone wall panels to entrance reveals - TO BE CAREFULLY REPAIRED/ REMOVED DEPENDING ON CONDITION
- ⑥ Existing recessed roller shutter, housing and guide rails - TO BE CAREFULLY REMOVED
- ⑦ Existing marble paving area - TO BE CAREFULLY REMOVED



1 Tottenham Court Road Elevation  
Scale: 1:20



2 Tottenham Court Road Section  
Scale: 1:20



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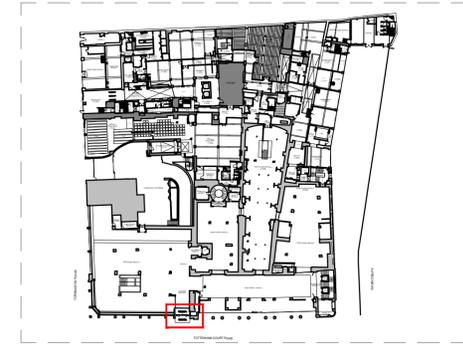
DRAWING NOTES:

P1	13/05/22	Issued for Planning
REV. DATE		NOTE

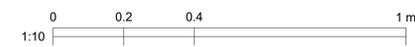
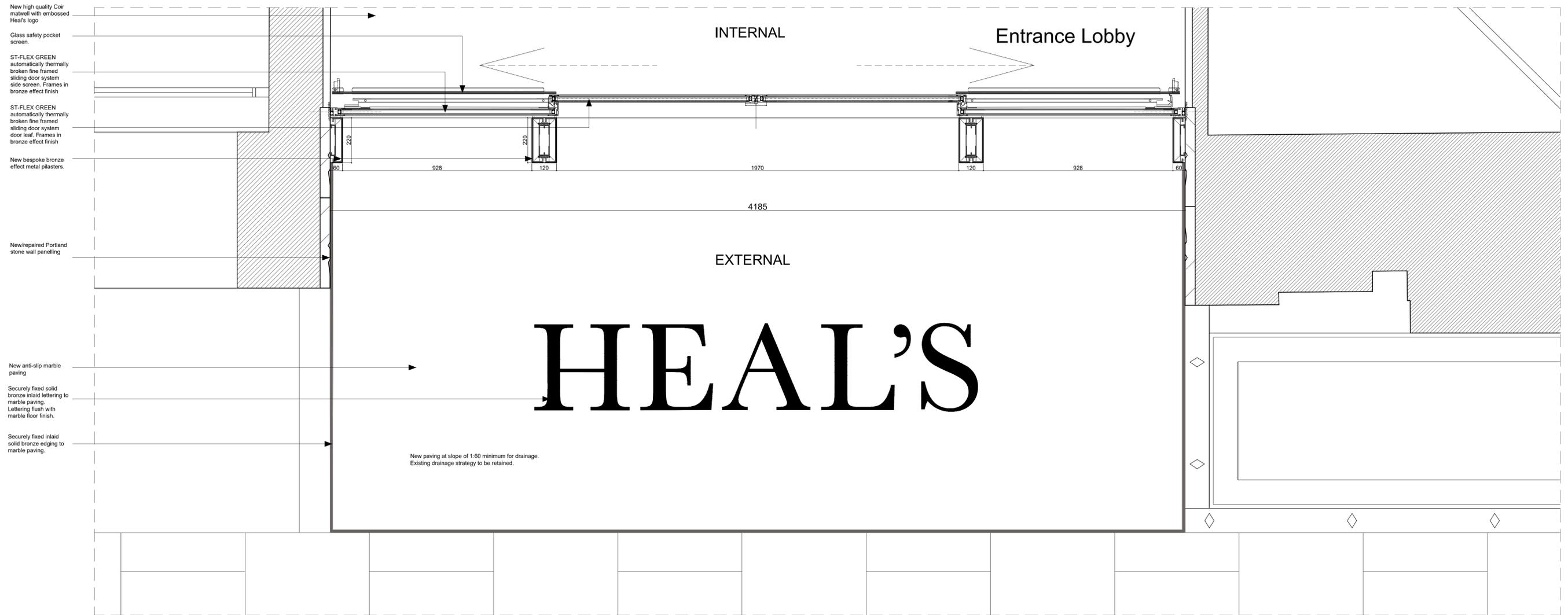
CLIENT	General Projects
PROJECT	Heal's Building
DWG No.	1215_PL3A-DE-D1

DRAWING	
Tottenham Court Road Facade: Demolition Heal's Entrance	
STATUS	APPROVED
PLANNING	NJ
SCALE	DATE
P1	May 2022
1:20 @ A1	1:40 @ A3

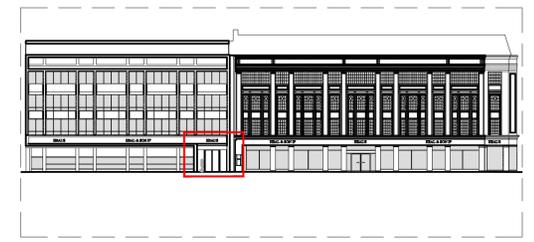
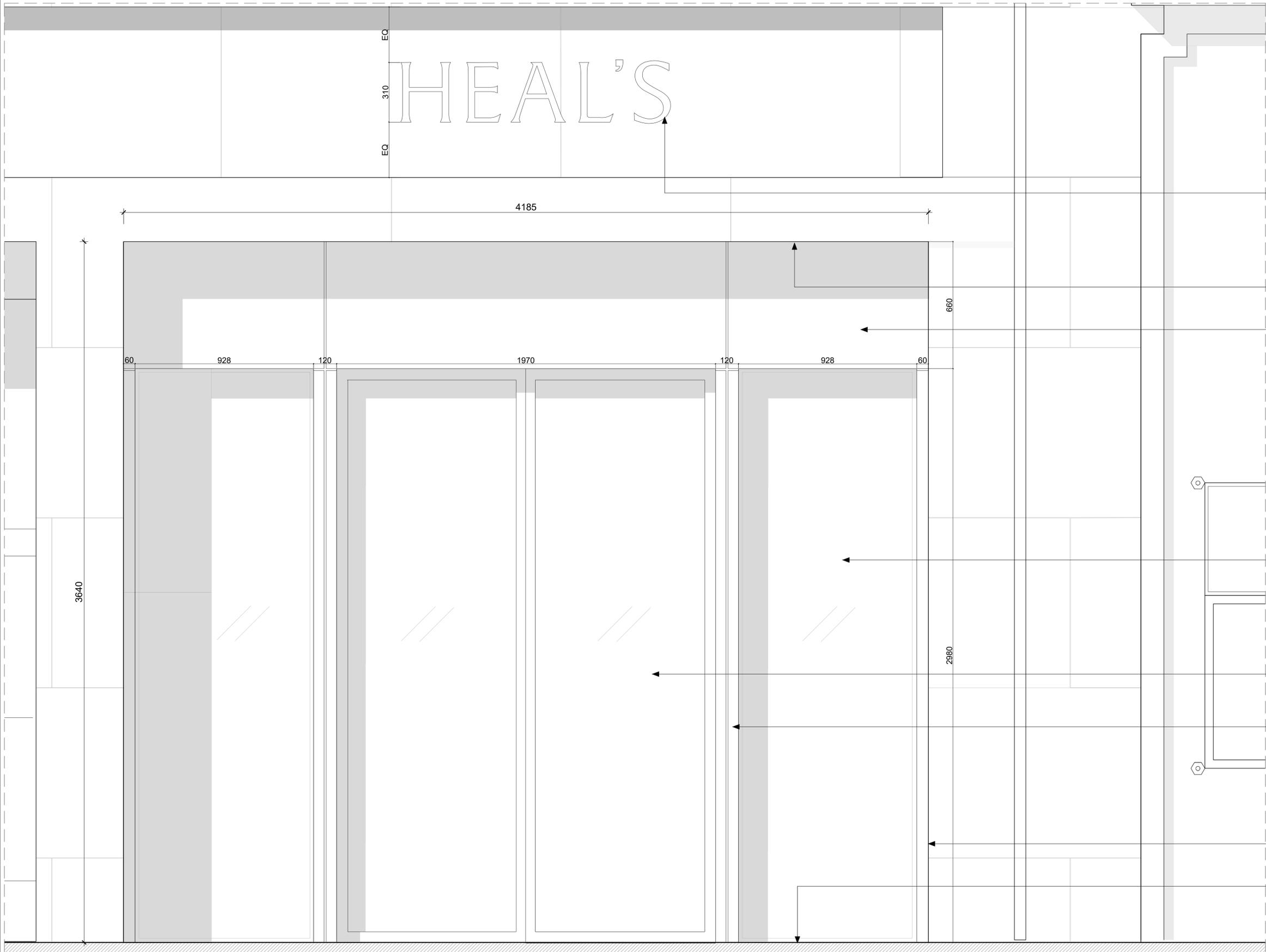
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Key Plan  
Scale: 1:1000



KEY	REV	DATE	DESCRIPTION	NOTES	CLIENT: GENERAL PROJECTS	NOTE 1. Do not scale form this drawing. 2. All dimensions to be checked on site by the contractor and such dimensions to be their responsibility. 3. Report all drawings errors, omissions, and discrepancies to the architect. 4. This document may be issued in an uncontrolled CAD format to enable others to use it as background information to make alterations and/or additions. In that instance the file will be accompanied by a PDF version. It is for those making such alterations and additions to ensure that they make use of current background information. WRA Ltd Accepts no liability for any such alterations or additions to the background information or arising out of changes to background information which occur prior to alterations or additions being made.	LOCATION  THE HEAL'S BUILDING 196 TOTTENHAM COURT LONDON W1T 7LQ	WHITE RED ARCHITECTS 45 Charlotte Road London EC2A 3PD TEL: 020 7859 4521 whitered.co.uk			
	01	20/01/2023	PLANNING ISSUE		PROJECT MANAGER & QS: QUARTZ PROJECT SERVICES			PROJECT NAME: 2022/2462/P - The Heals Building - Phase 3A			
02	21/02/2023	INLAID LETTERING UPDATED	M.E.P ENGINEER: WATERMANS	DRAWING TITLE: Proposed Entrance Door - Detailed Plan							
			STRUCTURAL ENGINEER: WEBB YATES	DRAWN   CHECKED   SCALE @A1   STATUS							
			FIRE ENGINEER: DESIGN FIRE CONSULTANTS	SE   JJ   1:10   PLANNING							
			PLANNING CONSULTANT: TURLEY	PROJECT NO.   ZONE   TYPE   SHEET NO.   REVISION							
			CDM CONSULTANT: BRIAN BULFIN ASSOCIATES	5436   -   -   PL_31_100   02							
			APPROVED INSPECTOR: SOCOTEC	NOT FOR CONSTRUCTION							



Key Plan Elevation  
Scale: 1:500

Engraved signage.  
Bespoke lettering design to match existing fascia signage in font and size.

New/repared Portland stone wall panels to ceiling reveal

New bespoke bronze effect metal capping.

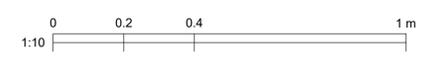
ST-FLEX GREEN automatically thermally broken fine framed sliding door system side screen. Frames in bronze effect finish

ST-FLEX GREEN automatically thermally broken fine framed sliding door system door leaf. Frames in bronze effect finish

New bespoke bronze effect metal pilasters.

New/repared Portland stone wall panelling

New anti-slip marble paving



KEY	REV	DATE	DESCRIPTION	NOTES
	01	20/01/2023	PLANNING ISSUE	
	02	20/02/2023	SIGNAGE UPDATED	

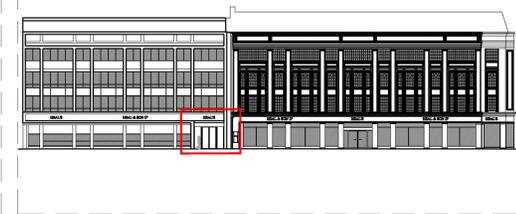
CLIENT: GENERAL PROJECTS
PROJECT MANAGER & QS: QUARTZ PROJECT SERVICES
M.E.P ENGINEER: WATERMANS
STRUCTURAL ENGINEER: WEBB YATES
FIRE ENGINEER: DESIGN FIRE CONSULTANTS
PLANNING CONSULTANT: TURLEY
CDM CONSULTANT: BRIAN BULFIN ASSOCIATES
APPROVED INSPECTOR: SOCOTEC

NOTE
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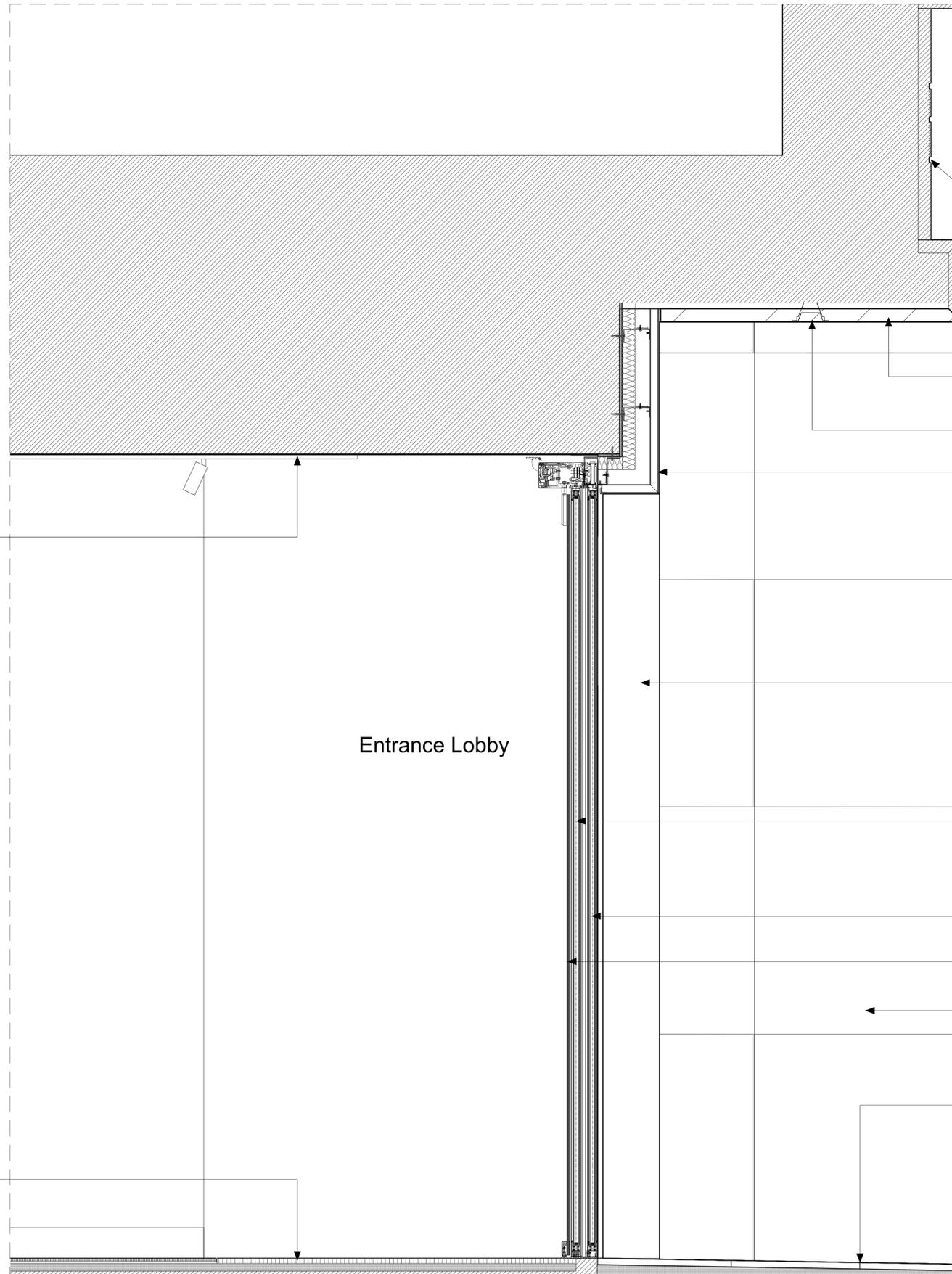
LOCATION
THE HEAL'S BUILDING 196 TOTTENHAM COURT LONDON W1T 7LQ

WHITE RED ARCHITECTS			
45 Charlotte Road London EC2A 3PD			
TEL: 020 7859 4521 whitered.co.uk			
PROJECT NAME:			
2022/2462/P - The Heals Building - Phase 3A			
DRAWING TITLE:			
Proposed Entrance Door - Detailed Elevation			
DRAWN: SE	CHECKED: JJ	SCALE @A1: 1:10	STATUS: PLANNING
PROJECT NO: 5436	ZONE: -	TYPE: -	SHEET NO: PL_31_200
			REVISION: 02

NOT FOR CONSTRUCTION



Key Plan Elevation  
Scale: 1:500



Engraved signage.  
Bespoke lettering design to match existing fascia signage in font and size.

New/repaired Portland stone wall panels to ceiling reveal

Recessed downlights to Portland stone reveal

New bespoke bronze effect metal capping.

New bespoke bronze effect metal pilasters.

ST-FLEX GREEN automatically thermally broken fine framed sliding door system door leaf. Frames in bronze effect finish

ST-FLEX GREEN automatically thermally broken fine framed sliding door system side screen. Frames in bronze effect finish

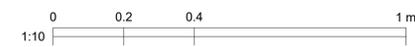
Glass safety pocket screen.

New/repaired Portland stone wall panelling

Securely fixed solid bronze inlaid lettering to marble paving. Lettering flush with marble floor finish.

New anti-slip marble paving

Securely fixed inlaid solid bronze edging to marble paving.



Exposed ceiling soffit and services sprayed black.

New high quality Coir matwell with embossed Heal's logo

Entrance Lobby

Tottenham Court Road Pavement

KEY	REV	DATE	DESCRIPTION	NOTES
	01	20/01/2023	PLANNING ISSUE	
	02	20/02/2023	SIGNAGE UPDATED	
	03	21/02/2023	INLAID LETTERING UPDATED	

CLIENT: GENERAL PROJECTS
PROJECT MANAGER & QS: QUARTZ PROJECT SERVICES
M.E.P ENGINEER: WATERMANS
STRUCTURAL ENGINEER: WEBB YATES
FIRE ENGINEER: DESIGN FIRE CONSULTANTS
PLANNING CONSULTANT: TURLEY
CDM CONSULTANT: BRIAN BULFIN ASSOCIATES
APPROVED INSPECTOR: SOCOTEC

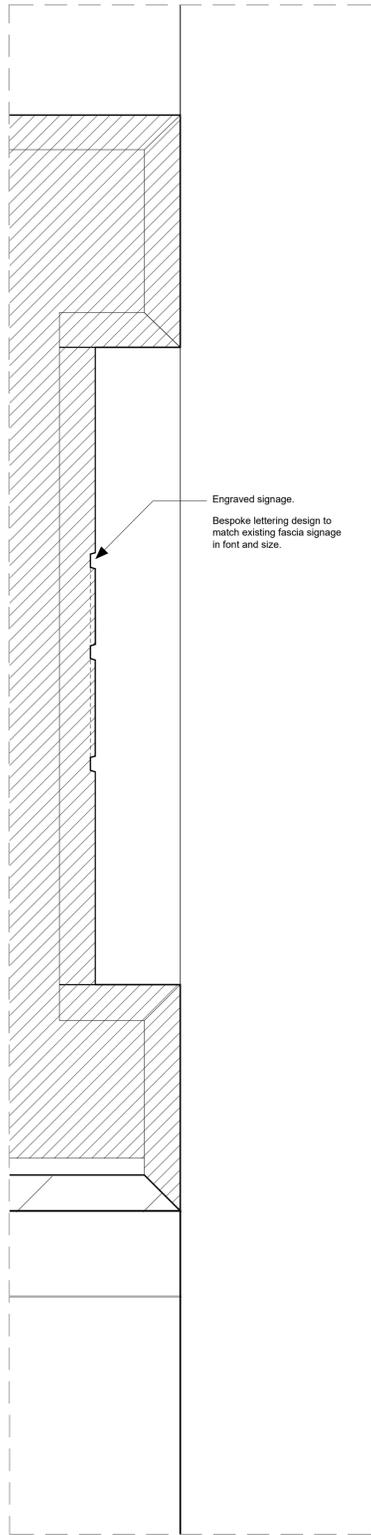
**NOTE**  
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LOCATION

THE HEAL'S BUILDING  
196 TOTTENHAM COURT  
LONDON  
W1T 7LQ

<b>WHITE RED ARCHITECTS</b>				
45 Charlotte Road London EC2A 3PD		TEL: 020 7859 4521 whitered.co.uk		
PROJECT NAME: 2022/2462/P - The Heals Building - Phase 3A				
DRAWING TITLE: Proposed Entrance Door - Detailed Section				
DRAWN	CHECKED	SCALE @A1	STATUS	
SE	JJ	1:10	PLANNING	
PROJECT NO.	ZONE	TYPE	SHEET NO.	REVISION
5436	-	-	PL_31_300	03

NOT FOR CONSTRUCTION



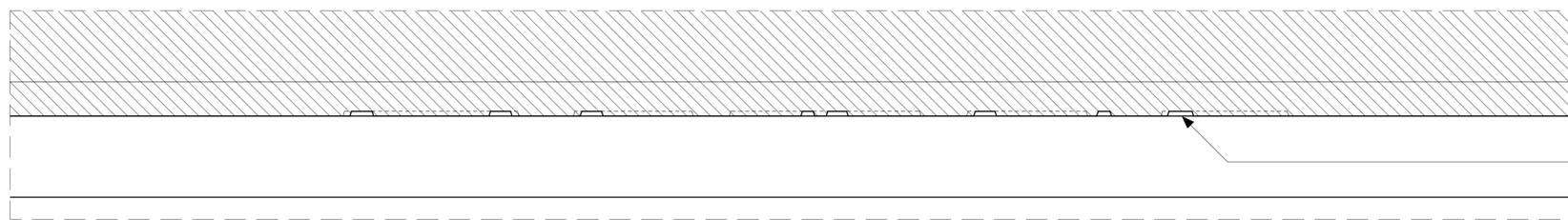
1. Section detail  
Scale: 1:5

Engraved signage.  
Bespoke lettering design to match existing fascia signage in font and size.



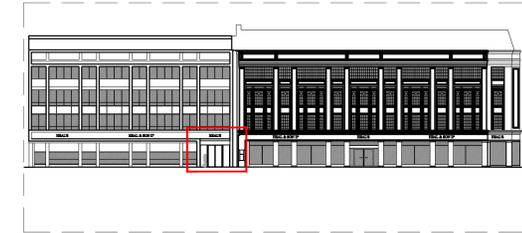
2. Elevation detail  
Scale: 1:5

Engraved signage.  
Bespoke lettering design to match existing fascia signage in font and size.

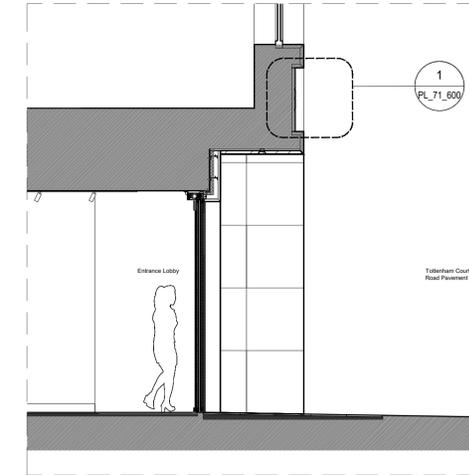


3. Plan detail  
Scale: 1:5

Engraved signage.  
Bespoke lettering design to match existing fascia signage in font and size.



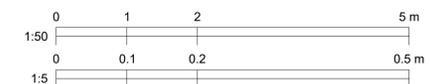
Key Plan Elevation  
Scale: 1:500



Section guide  
Scale: 1:50



Elevation guide  
Scale: 1:50



KEY	REV	DATE	DESCRIPTION	NOTES	CLIENT: GENERAL PROJECTS	NOTE	LOCATION	THE HEAL'S BUILDING 196 TOTTENHAM COURT LONDON W1T 7LQ	WHITE RED ARCHITECTS 45 Charlotte Road London EC2A 3PD TEL: 020 7859 4521 whitered.co.uk
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	02	20/02/2023	SIGNAGE UPDATED		M.E.P ENGINEER: WATERMANS				
					STRUCTURAL ENGINEER: WEBB YATES				
					FIRE ENGINEER: DESIGN FIRE CONSULTANTS				
					PLANNING CONSULTANT: TURLEY				
					CDM CONSULTANT: BRIAN BULFIN ASSOCIATES				
					APPROVED INSPECTOR: SOCOTEC				
							NOT FOR CONSTRUCTION		

PROJECT NO.	ZONE	TYPE	SHEET NO.	REVISION
5436	-	-	PL_71_600	02

# Product Data Sheet

## AkzoNobel Powder Coatings

### Interpon D1036 Matt

#### Product Description

**Interpon D1036 Matt** is a range of powder coatings intended for use on architectural aluminium and galvanized steel. **Interpon D1036 Matt** has been specifically formulated without the use of TGIC.

As part of the **Interpon D 1036** series of architectural powders, **Interpon D1036 Matt** gives excellent exterior durability and colour retention and conforms to the requirements of all the major European architectural finishing standards. All **Interpon D1036 Matt** powders are lead-free and meet the requirements of GSB Standard, Qualicoat Class 1, EN12206, and EN13438 (formerly BS6496 &BS6497), and AAMA 2603.

**Qualicoat License Number:** P-0235 (P/P extension) (France), P-0735 (P/P extension) (Italy), P-0739 (Germany), P-0350 (UK), P-0530 (P/P extension) (Spain), P-0886 (Czech Rep.), P-1126 (Turkey), P-0933 (Russia), P-0850 (Egypt)  
**GSB License Number:** 164b (gloss 30)

#### Powder Properties

<b>Chemical type</b>	Polyester
<b>Appearance</b>	Smooth Matt
<b>Gloss level (EN ISO 2813 (60°))</b>	25-35 gloss units
<b>Specific gravity</b>	1.2 – 1.9 g/cm <sup>3</sup> depending on colour
<b>Particle Size</b>	Suitable for electrostatic spray
<b>Storage</b>	Dry cool conditions below 30°C ( <i>open boxes must be resealed</i> )
<b>Shelf life</b>	24 months below 30°C 12 months below 35°C
<b>Curing schedule (at object temperature)</b>	15-30 minutes at 180°C 12-25 minutes at 190°C 10-20 minutes at 200°C

#### Powder on Powder application:

**1<sup>st</sup> phase:** Melting and partial curing of the base coat suggested 110-120°C for 15-20 min. (object temp) otherwise refer to the instruction of the spraying equipment supplier

**2<sup>nd</sup> phase:** Application of the wood decorative powder according to the instruction of the spraying equipment supplier

**3<sup>rd</sup> phase:** Complete curing of the full package for 12-25 minutes at 190°C (object temperature)

<b>Mechanical Tests</b>	<b>Flexibility</b>	ISO 1519 (cylindrical Mandrel)	Pass 5mm
	<b>Adhesion</b>	ISO 2409 (2mm crosshatch)	Gt0
	<b>Erichsen cupping</b>	ISO 1520	Pass >5mm
	<b>Impact resistance</b>	ISO 6272-2	Pass 2,5 Joules (reverse & direct (20 in lb)
	<b>Buchholz Hardness</b>	ISO 2815	>80
	<b>Mar Resistance Martindale Test (for X-Pro series)</b>	CEN/TS 16611:2016	80 runs(5 cycles) Gloss Retention: 45-75% (depending on color)
	<b>Environmental and Durability Tests</b>	<b>Acetic acid salt spray</b>	ISO 9227
<b>Constant humidity</b>		ISO 6270-2	No blistering, creep <1mm (1000 hours)
<b>Sulphur Dioxide</b>		ISO22479	Pass 24 cycles – no blistering, gloss loss or discoloration
<b>Permeability</b>		EN12206-1 Par. 5.10	Pressure Cooker – pass 1 hour no defects
<b>Chemical Resistance</b>		Generally good resistance to acid, alkalis and oil at room temperatures	
<b>Mortar Resistance</b>		EN12206-1	No effect after 24 hours
<b>Accelerated Weathering</b>		ISO16474-2 (1000 hrs) ISO11507 QUV B 313 (300 hrs)	Gloss retention ≥50%
<b>Exterior durability</b>		ISO2810 (1 year)	≥50% gloss retention, Colour retention accords with GSB/Qualicoat Chalking – none in excess of minimum in ASTM D4214-07
<b>Test Conditions</b>		Testing has been determined under laboratory conditions using the following application properties and is for guidance only.	
	<b>Substrate</b>	Aluminium (0.5-0.8 mm Al Mg1)	
	<b>Pretreatment</b>	Chrome free Qualicoat/GSB approved pretreatment	
	<b>Film thickness</b>	60 – 80 microns	
	<b>Cure schedule</b>	18 minutes at 190°C (object temperature)	
Actual film performance will depend on the individual circumstances in which the product is used.			
<b>Pre-treatment</b>	For maximum protection it is essential to pretreat components prior to the application of <b>Interpon D1036 Matt</b> .		
Aluminium components should receive a full multi-stage chromate conversion coating or suitable chrome-free pre-treatment or suitable pre-anodising to clean and condition the substrate.			

Detailed advice should be sought from the pre-treatment supplier.

Galvanised steel requires surface preparation by either multi-stage pretreatment using either zinc phosphate or chromate conversion or controlled sweep blasting. Depending on the type of galvanizing, degassing or use of anti-bubbling additives may be required – follow the procedural advice of the pretreatment supplier.

**Interpon D1036 Matt** products may also be used on cast or mild steel. For outdoor use, **Interpon Redox PZ** anti-corrosive primer over a correctly prepared substrate is recommended.

---

#### Application

**Interpon D1036 Matt** powders can be applied by manual or automatic electrostatic spray or tribo-charging equipment. For solid shades, unused powder can be reclaimed up to a maximum of 30% using suitable equipment and recycled through the system. Please consult AkzoNobel for further details as to the correct mixing ratio for virgin/reclaim powder.

**Interpon D1036 Matt** powders should be applied at minimum 60µm.

All powders can show small colour differences from batch to batch, this is normal and unavoidable. While AkzoNobel take every precaution to minimize visible differences, this cannot be guaranteed. Applicators and fabricators are advised to use a single batch for parts that will be assembled together. Differences are more likely with special effect powders.

Bonded products have better application properties than blended products (more stable) but attention should still be paid to line settings in order to avoid “marble effect” and changes in aspect after recycling. A constant ratio between virgin and recycled powders should be fixed by the coater in order to achieve a consistent effect. For more details it is suggested to read the “**Metallic Application Guideline**”.

Different substrates (aluminium, steel, galvanized steel), use of primer, and big changes in film thickness may give a different aspect.

Products with different codes should not be mixed even if same colour and gloss.

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#### Post Application

For specific advice on the suitability of post coating processes such as bending or the use of sealants, adhesives, thermal break, cleaning etc, please consult AkzoNobel.

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#### Maintenance

For specific advice on Cleaning and Maintenance please consult the Interpon D series *Cleaning and Maintenance Guidelines* available from AkzoNobel.

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#### Safety Precautions

Please consult the Material Safety Datasheet (MSDS)

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#### Disclaimer

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Interpon D1036 Matt - Issue 6

Last Revision Date: 16/03/2021