

- Notes:
- Do not scale this drawing.
 - All dimensions to be checked on site prior to construction.
 - Designer to be notified of discrepancies in figured dimensions.
 - This drawing is copyright to PMK Design Associates.

SPECIFICATION NOTES:

1. Service Tunnel Exit Manhole Cover
- 1.1. Main Contractor to carefully remove existing steel manhole cover and frame, cart off site.
 - 1.2. Make good reveals and prepare opening to receive 1No new Surespan Standard Access Cover to match existing opening size - 900mm x 900mm.
 - 1.3. Include for aluminium cheque plate - RAL polyester powder coated finish.
 - 1.4. Include for incorporated EPDM double unbroken seals, RW 25db acoustic rated, fold away hinges, hold open stay - gas spring assisted opening.
 - 1.5. All to be 1 hour fire resistant.
 - 1.6. Supplied by Surespan Ltd, Leamore Close, Leamore Enterprise Park, Walsall, West Midlands, WS2 7NL. Tel: 01922 711185. Email: sales@surespancovers.com

Specification Details:

Material - Cover and frame marine alloy.

Cover - Single leaf, 5 bar tread plate reinforced from FACTA Class A to F loading. Access covers to be 1 hour fire resistance for integrity to BS476: parts 21 and 22: 1987.

Frame - Patent marine alloy frame. The access cover is not watertight but is self draining. Any water passing the seals will be dispersed via an integral drainage channel, to be fitted with an internal 3/4 inch flexible hose adaptor for connection to drain - see structural engineers for drainage details.

Hinges - Unique foldaway hinges incorporate double unbroken EPDM seals to help prevent the ingress of dirt and moisture.

Locking - A stainless steel slam action cab lock is fitted as standard to lock the lids. The locks are easily opening from the inside and key operated from the outside.

Lifting - Gas spring assisted lift. The lid automatically locks into the open position with a safety hold open stay to prevent against accidental closure.

Finish - Supplied completely assembled and finished self colour as standard with polyester powder coating to any standard stocked RAL colour.

2. External Plant Room Construction
- 2.1. Floor - Power floated finished concrete slab with 150mm thickening
 - 2.2. Roof - Wards/Kingspan Ltd Metal profiled roof with 3 degree pitch
 - 2.3. External Wall finish - Rockwool 'Rockpanel Woods' FS-Xtra 9mm thick cut to varying strip widths, Fixed to aluminium sheeting rails to steel frame (contractor designed). All supplied by Rockwool, Wern Taw, Pencoed Bridgend, CF35 6NY. Tel: 01656 863210.
 - 2.4. Internal Wall linings - Rockwool Techwrap RW slab 100mm thick acoustic insulation, plus 3 layers of 15mm thick class 100 performing plasterboard, taped & fixed and 1 layer class A absorber metal perforated panel sound absorber.
 - 2.5. Exposed concrete slab - include to receive render - 150mm high from Ground Level.
 - 2.6. Gutters - Half round drop flow PVC gutters with 4No Rain Water Pipes to Back-Inlet-Gullies - see Structural engineers drawings for below ground drainage requirements.
 - 2.7. Louvres - All to be supplied by Colt Ltd or similar approved. Polyester Powder Coated aluminium - refer to M&E drawings & specifications for acoustic & fire requirements.
3. External Plant Room Doors
- 3.1. EXD01 & EXD02 - Masons Opening 1800mm wide x 2500mm high. Doors to be 2040mm high with fanlight above. Doors & fanlight to be solid. Rating RW55 (55db) & 1 hour fire resistant, lab tested, double leaf hinged, 100mm thick, all steel construction, polyester powder coated.
 - 3.2. EXD03 & EXD04 - Masons Opening 1000mm wide x 2500mm high. Door to be 2040mm high with fanlight above. Doors & fanlight to be solid. Rating RW57 (57db) & 1 hour fire resistant, lab tested, single hinged leaf, 100mm thick, all steel construction, polyester powder coated. Include for deadlock, 1+ pairs hinges and thumbturn. Fanlight and horizontal internal transom between door & fanlight to be removable to allow for a Cherry Picker to access through the door.
 - 3.3. External Plant Room Doors to be supplied by Clark Door Ltd, Unit F Central, Kingmoor Park, Carlisle, Cumbria, CA6 4SD.
4. Gullies - Main Contractor to include for 2No Waste Ltd Halstead Ref: WB516 6" BSP to connect to cast iron drain below slab & connect to existing system - refer to structural engineers drawings & spec for below ground drainage details.

Rev:	Description	Date:
Revisions:		
Drawing Status:		

PLANNING

Client:

The Mid Yorkshire Hospitals NHS Trust

Project Title:
Internal Refurbishment to Existing Wards 12, 14 & 15, Dewsbury & District Hospital

Drawing Title:
External Plant Room General Arrangements as Proposed

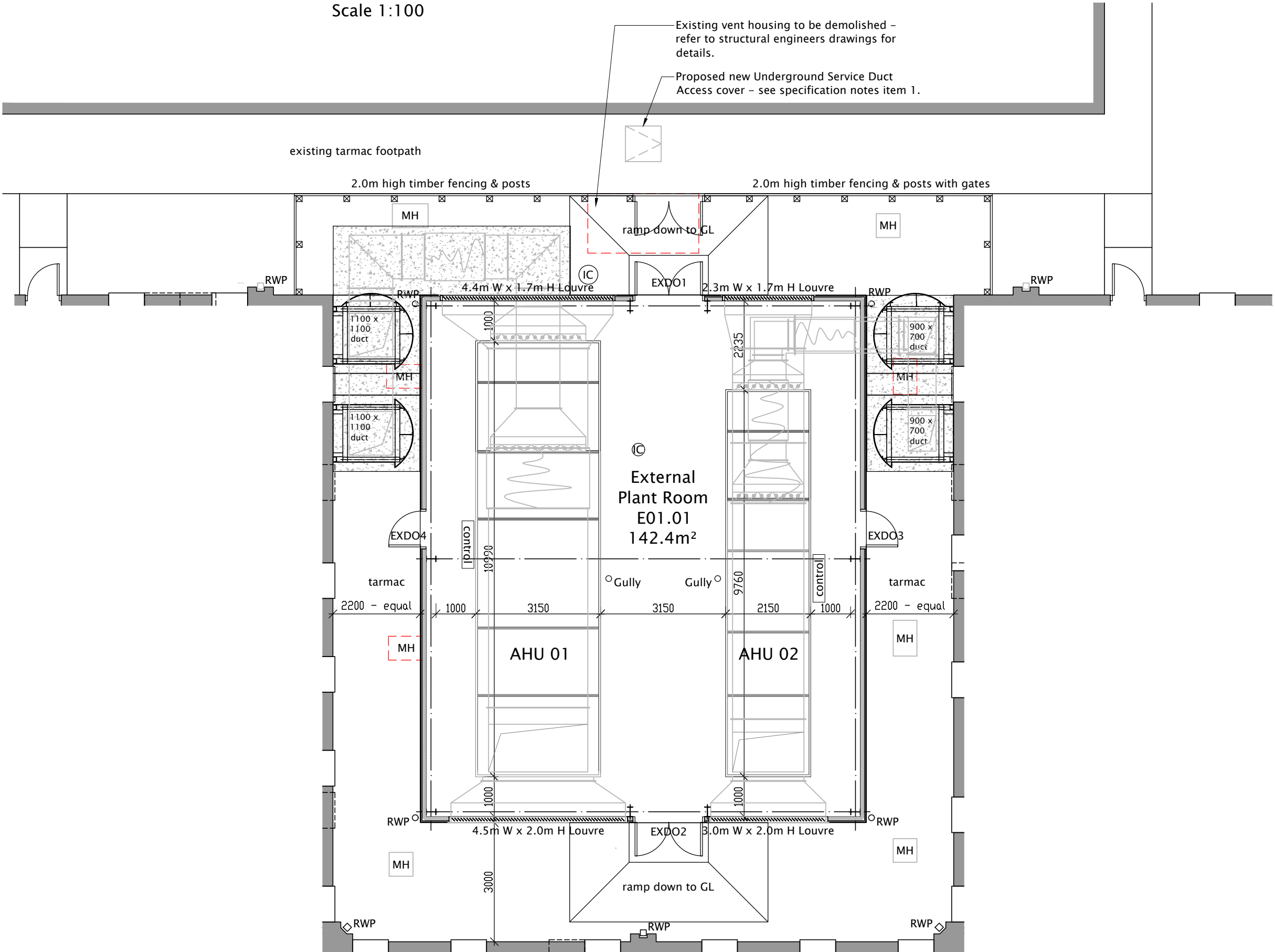
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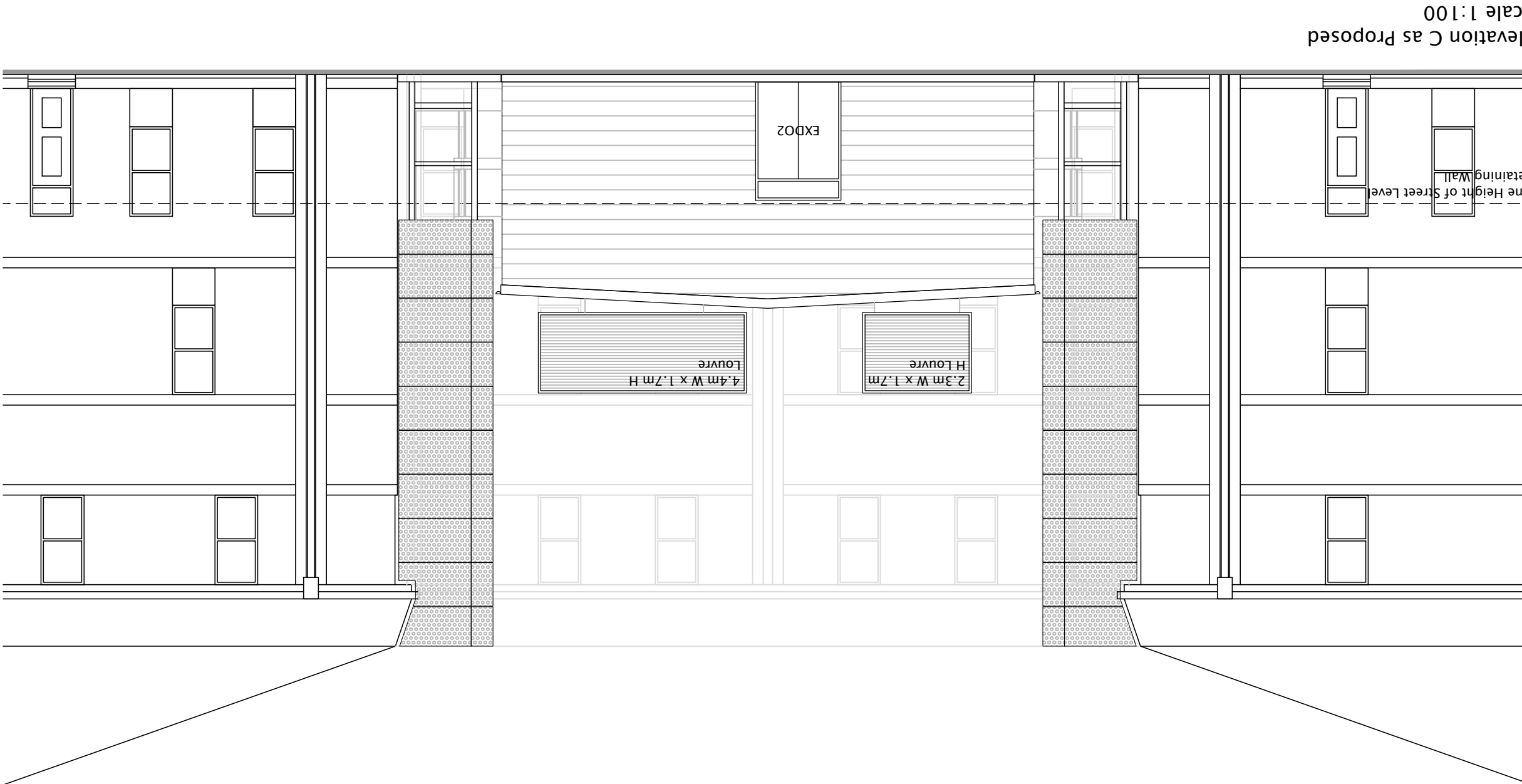
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Elevation A as Proposed
Scale 1:100



Plan as Proposed
Scale 1:50



Elevation C as Proposed
Scale 1:100

Elevation B as Proposed
Scale 1:100

