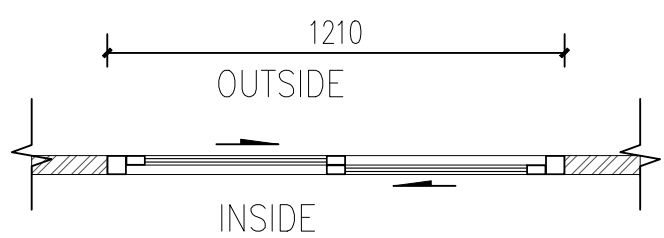


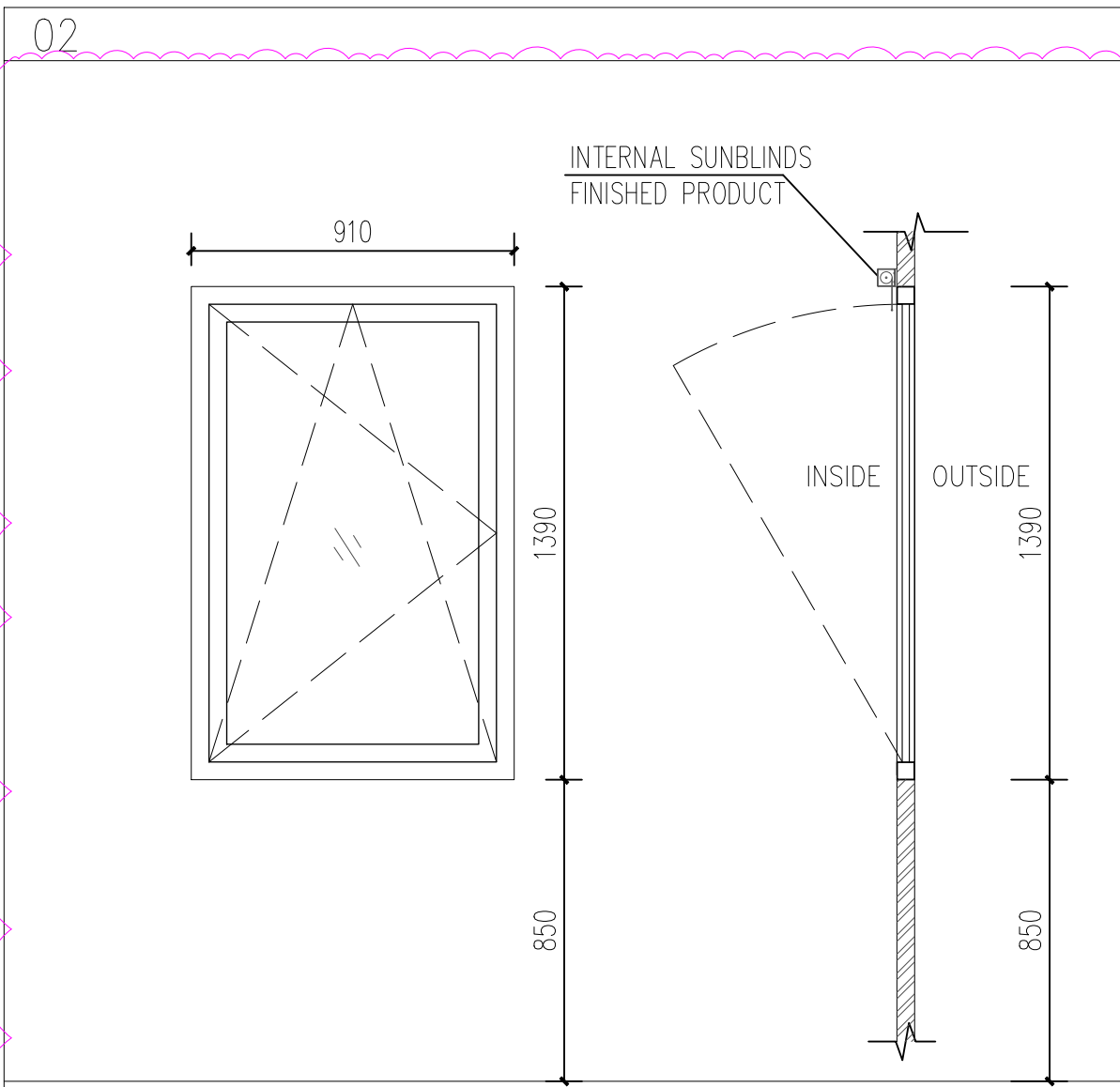
ELEVATION 1:20

SECTION 1:20



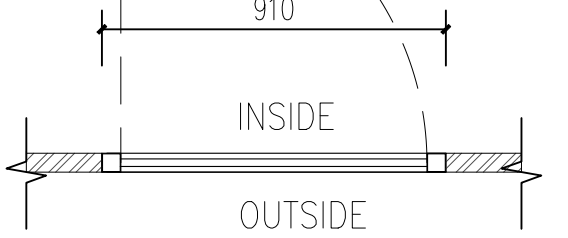
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W1214	1210	1390	2	DOUBLE GLAZING WINDOW (PUSH-AND-PULL WINDOW)



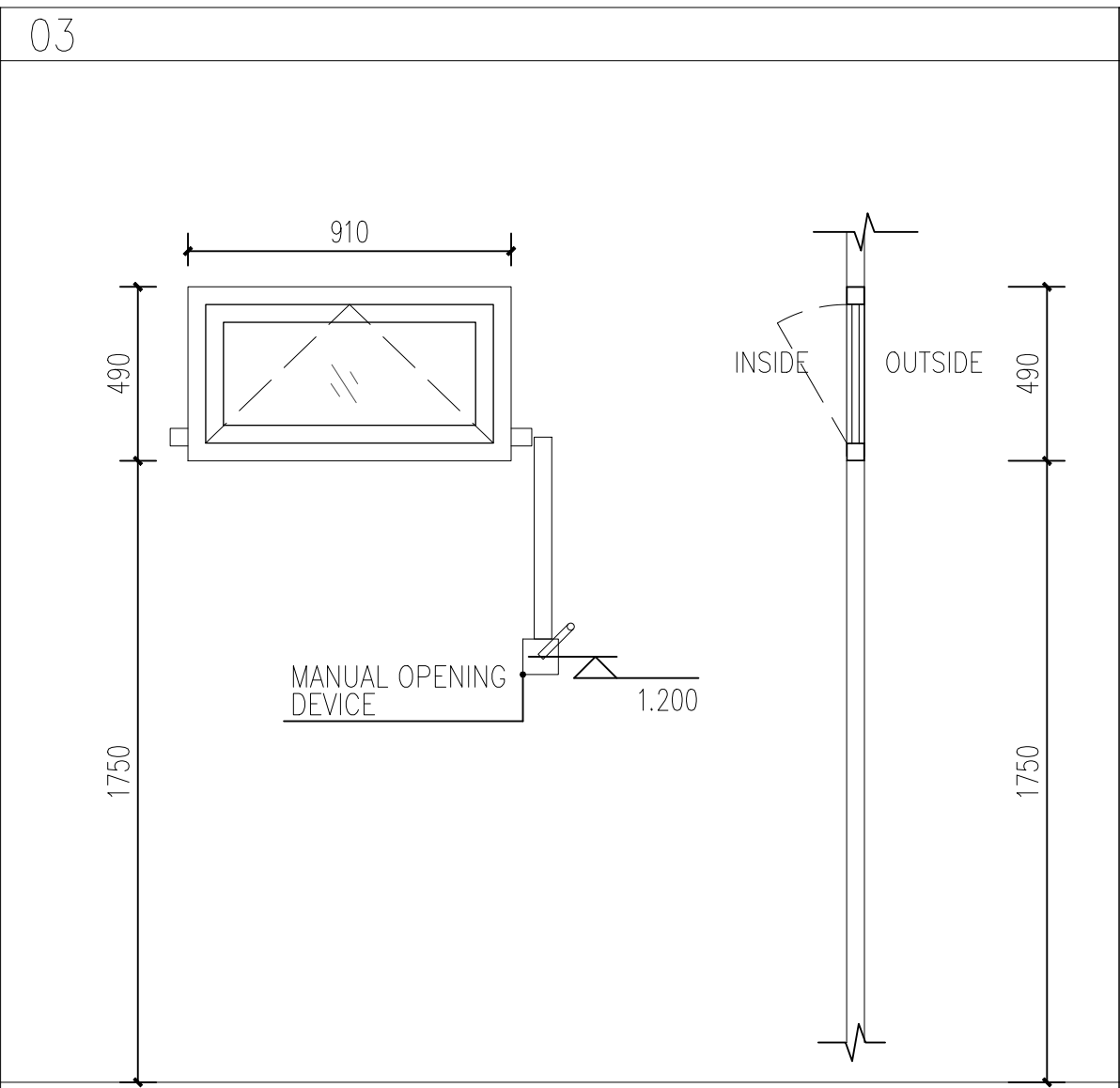
ELEVATION 1:20

SECTION 1:20



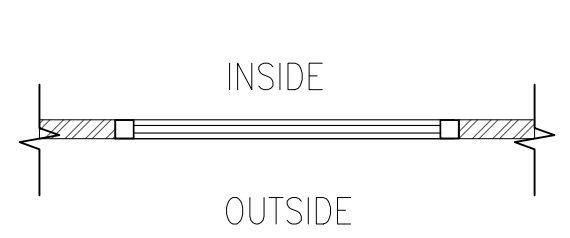
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W0914	910	1390	1	DOUBLE GLAZING WINDOW (TURN WINDOWS, OPENING INWARDS) (MANUALLY OPERATED WINDOW)



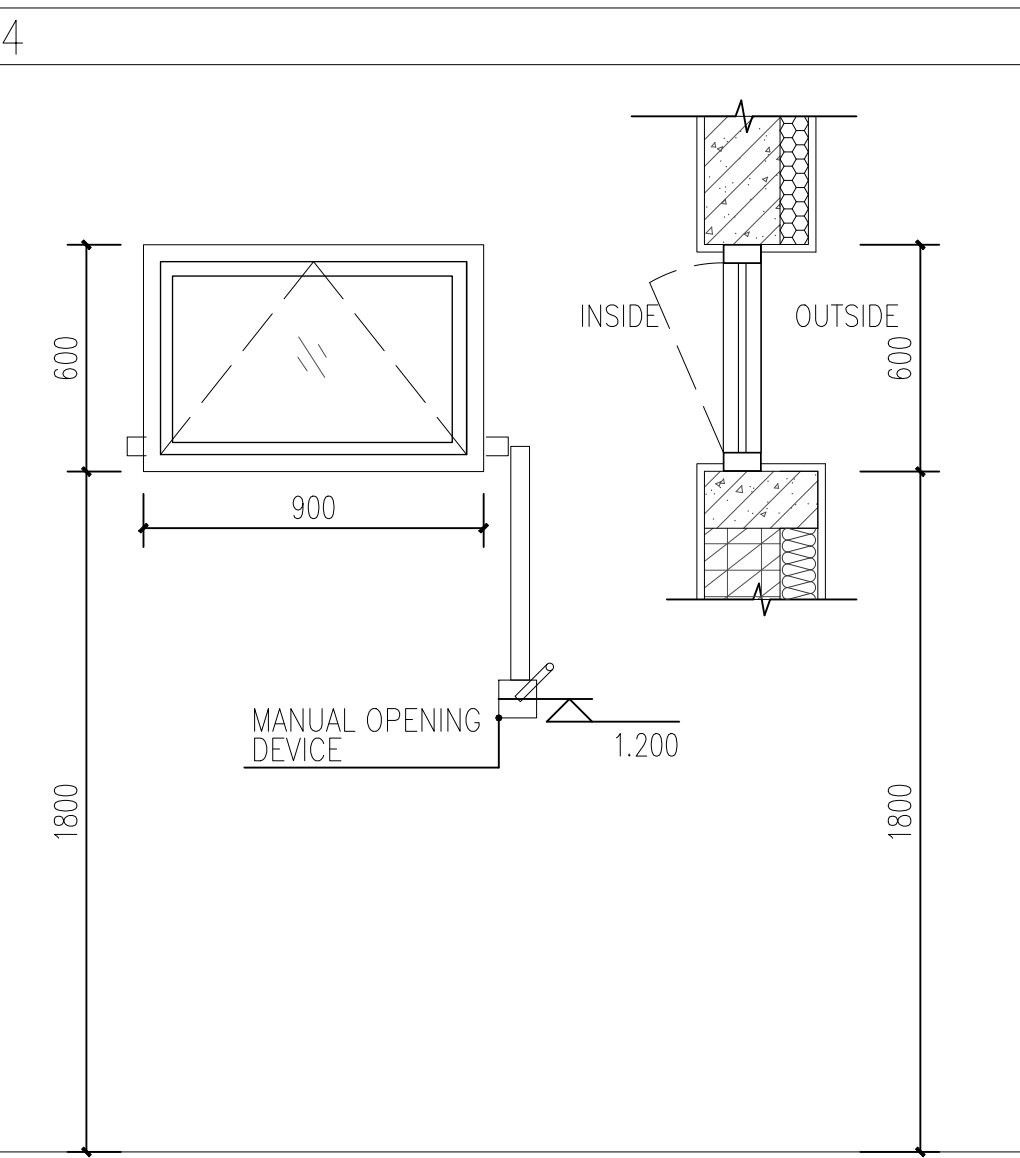
ELEVATION 1:20

SECTION 1:20



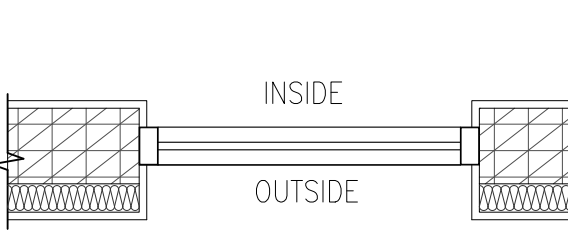
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W0905	910	490	2	DOUBLE GLAZING WINDOW (INWARD-OPENING BOOTOM-HUNG WINDOWS) (MANUALLY OPERATED WINDOW)



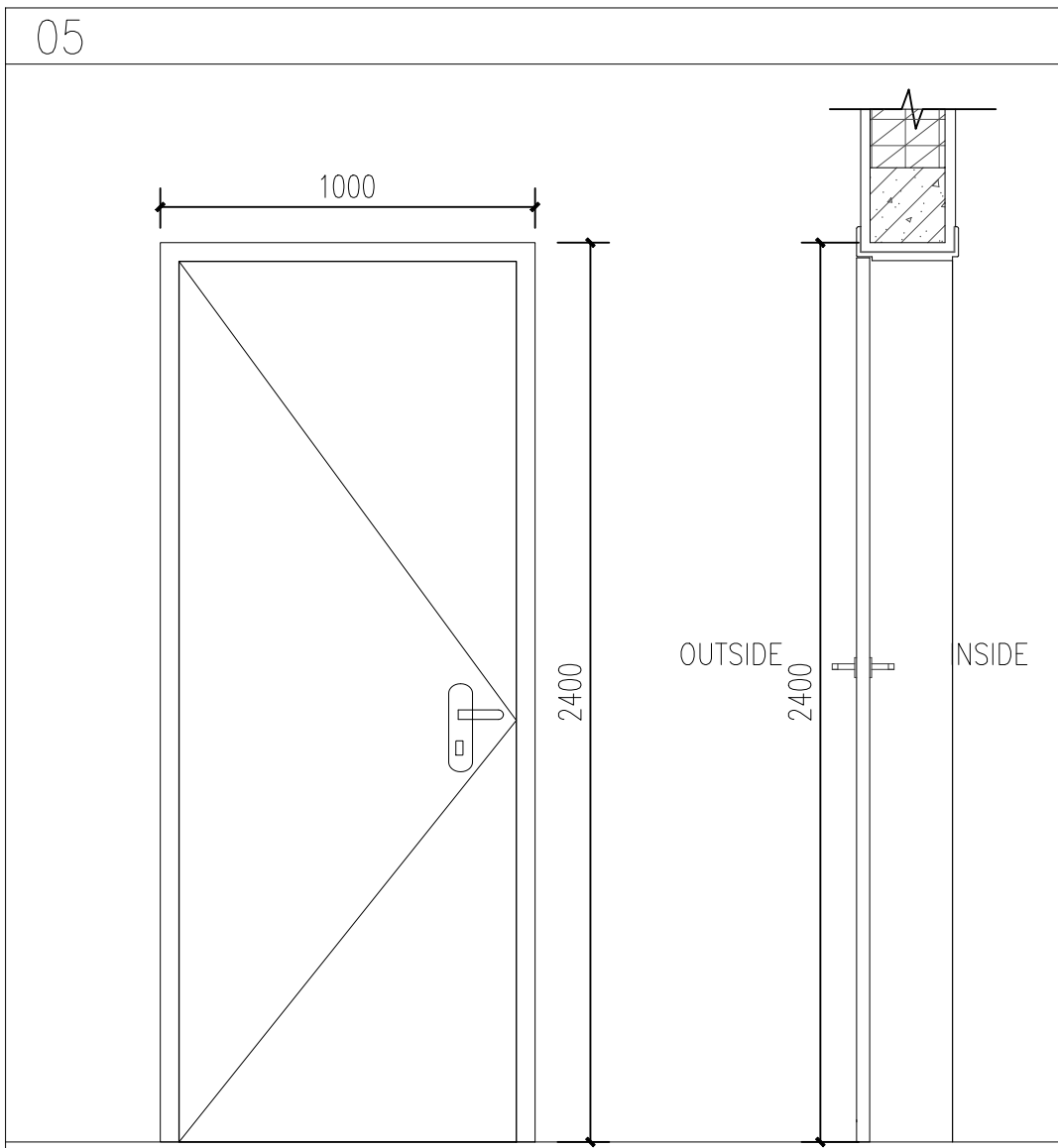
ELEVATION 1:20

SECTION 1:20



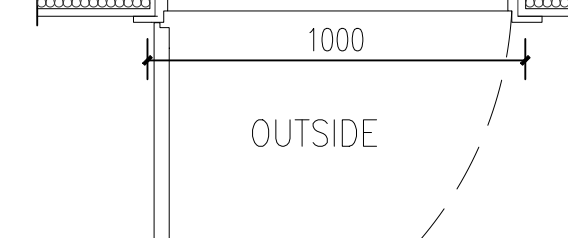
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W0906	900	600	2	DOUBLE GLAZING WINDOW (INWARD-OPENING BOOTOM-HUNG WINDOWS) (MANUALLY OPERATED WINDOW)



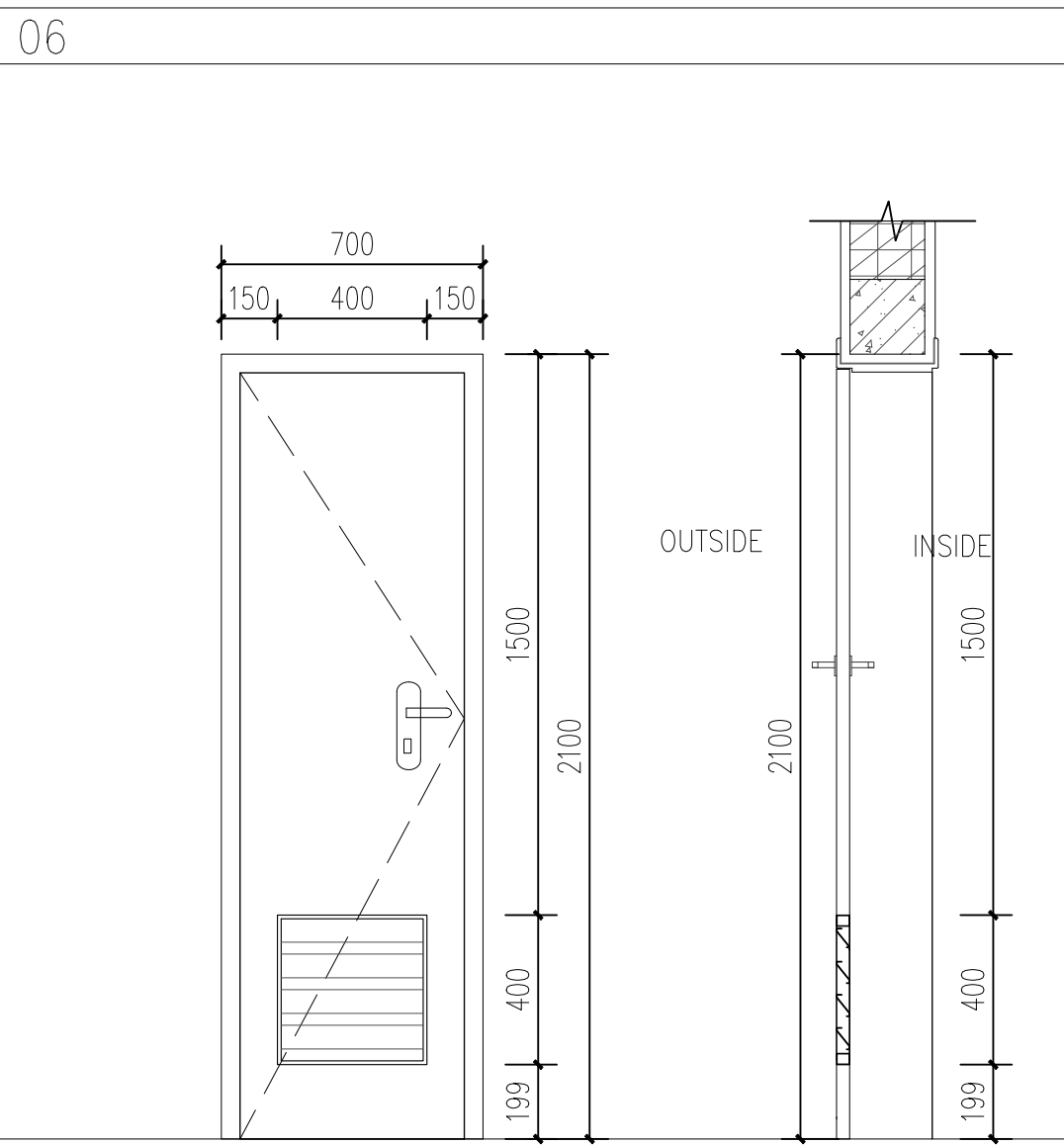
ELEVATION 1:20

SECTION 1:20



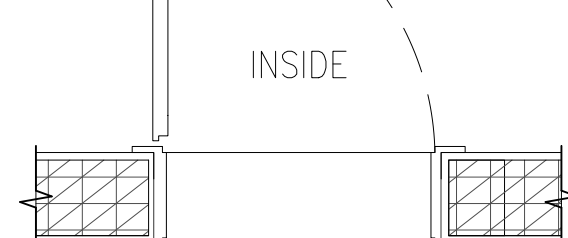
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
D1024	1000	2400	2	ACCESS DOOR (DOUBLE-SKINNED INSULATED STEEL DOOR)



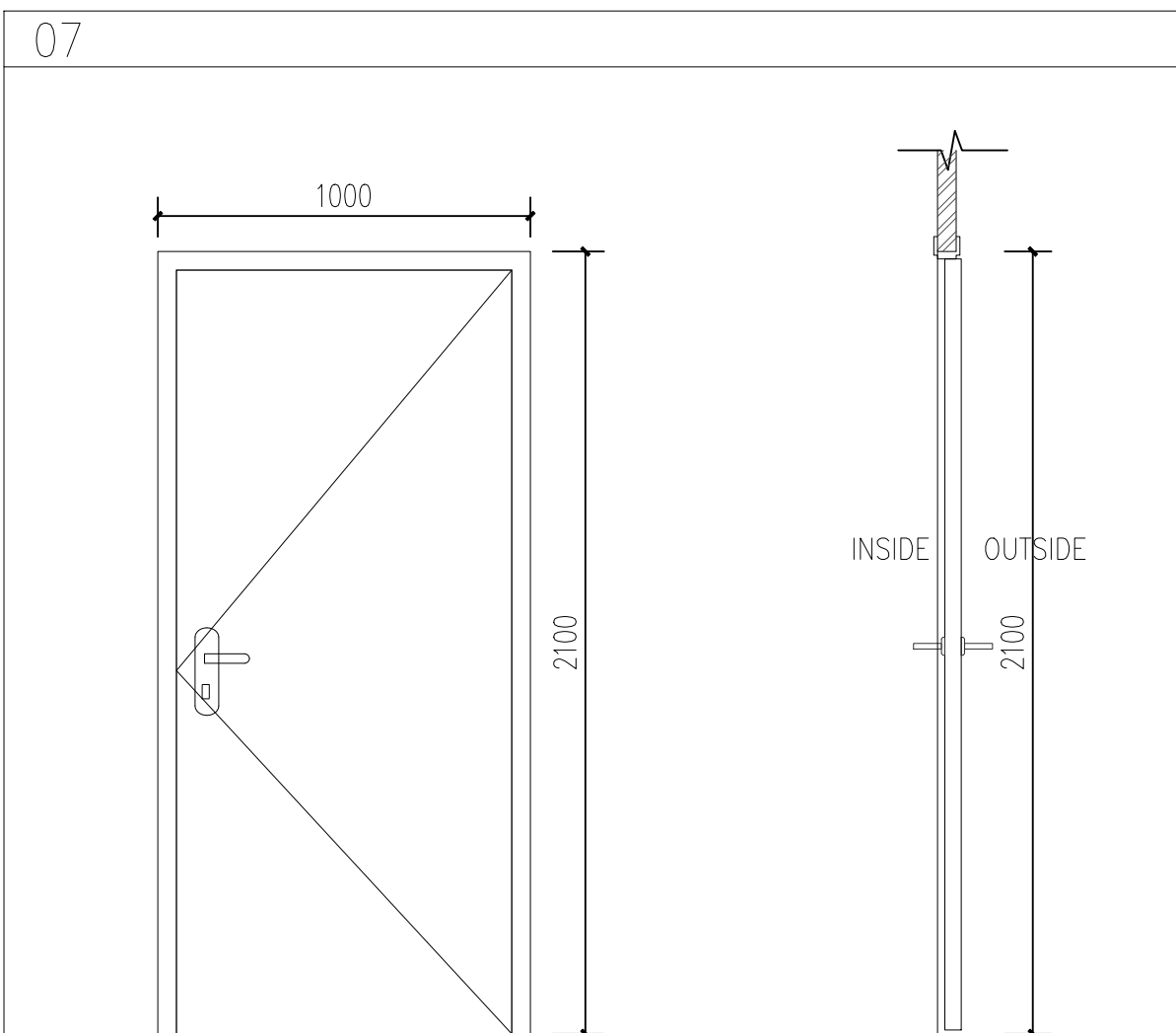
ELEVATION 1:20

SECTION 1:20



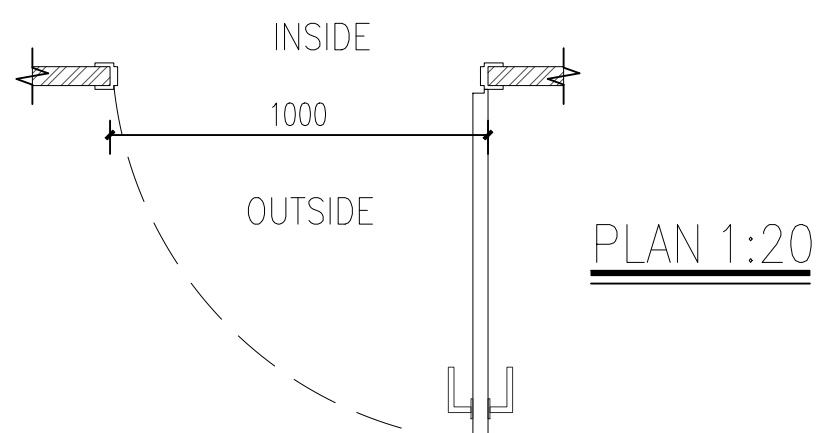
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
D0721	700	2100	2	WOODEN FLAT SPLINT DOOR (SIDE-HUNG)



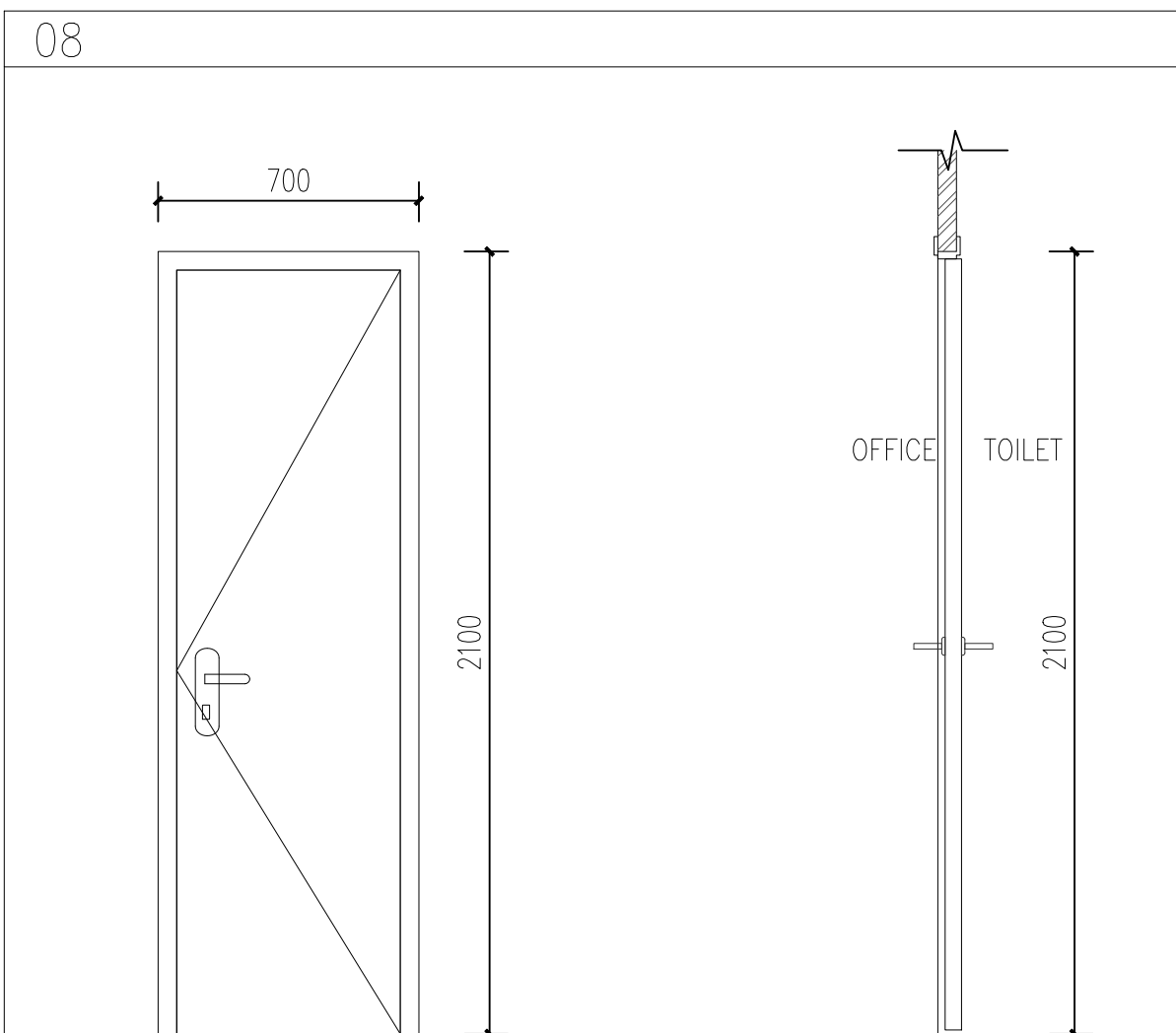
ELEVATION 1:20

SECTION 1:20



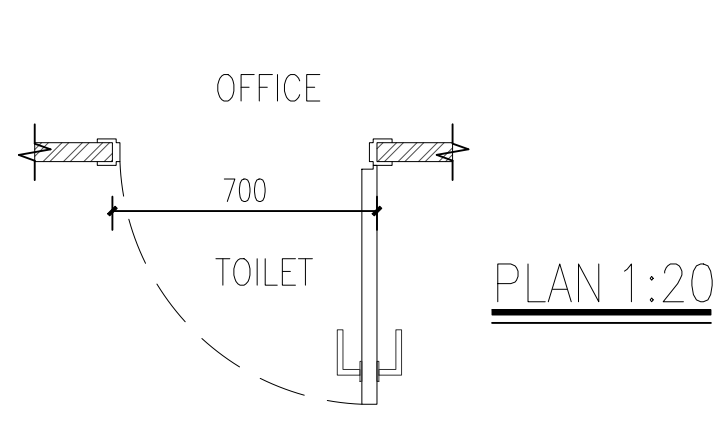
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
D1021	1000	2100	1	ACCESS DOOR (DOUBLE-SKINNED INSULATED STEEL DOOR)



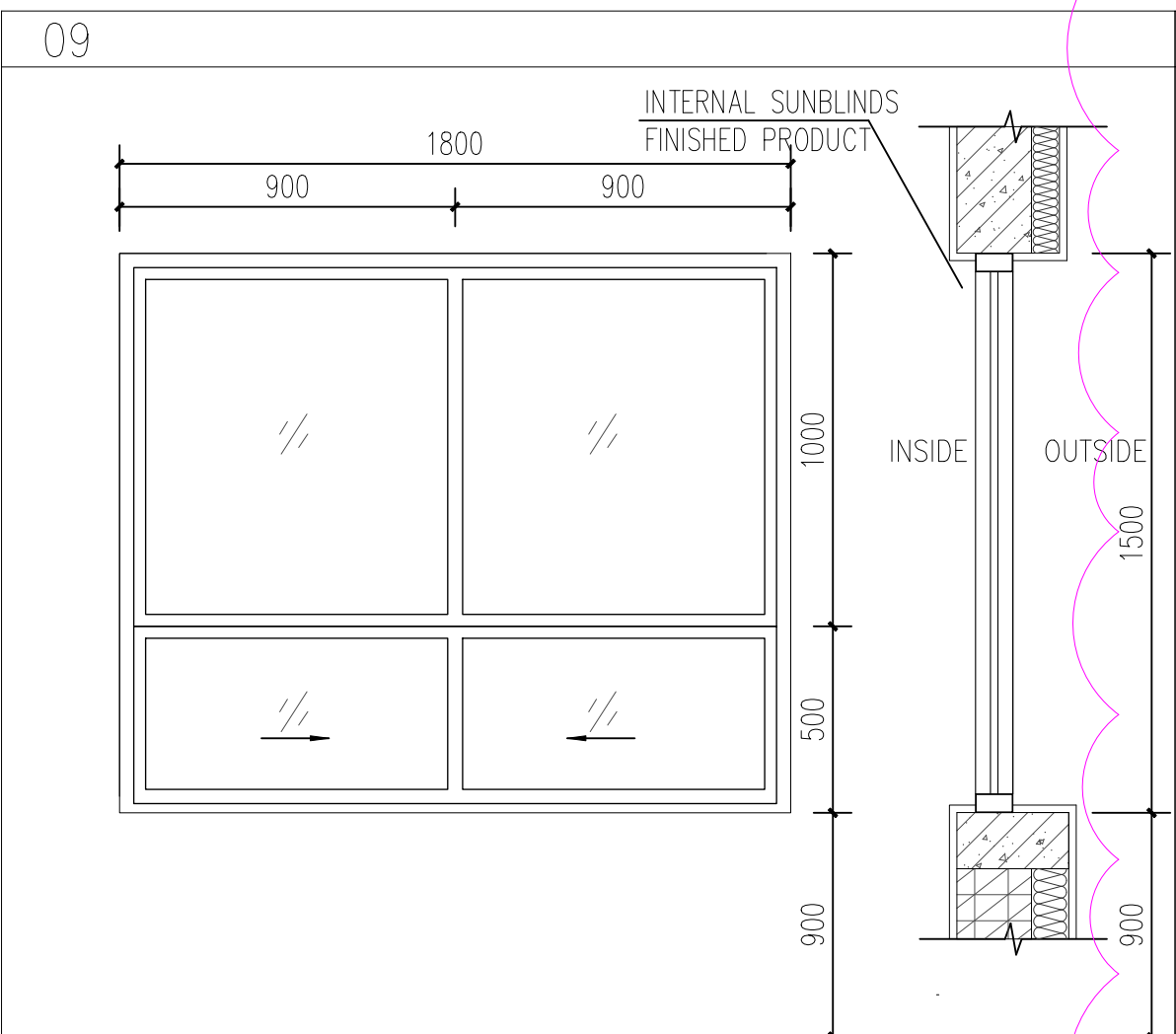
ELEVATION 1:20

SECTION 1:20



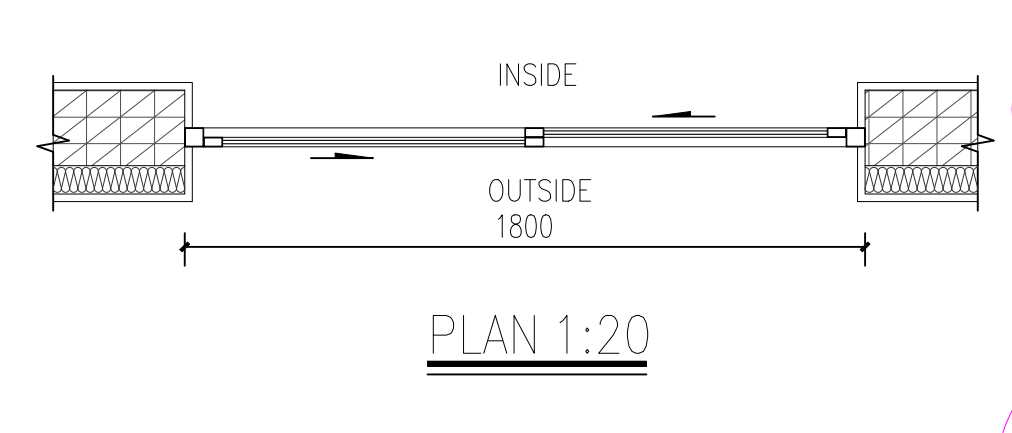
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
D0721	700	2100	1	WOODEN FLAT SPLINT DOOR (SIDE-HUNG)



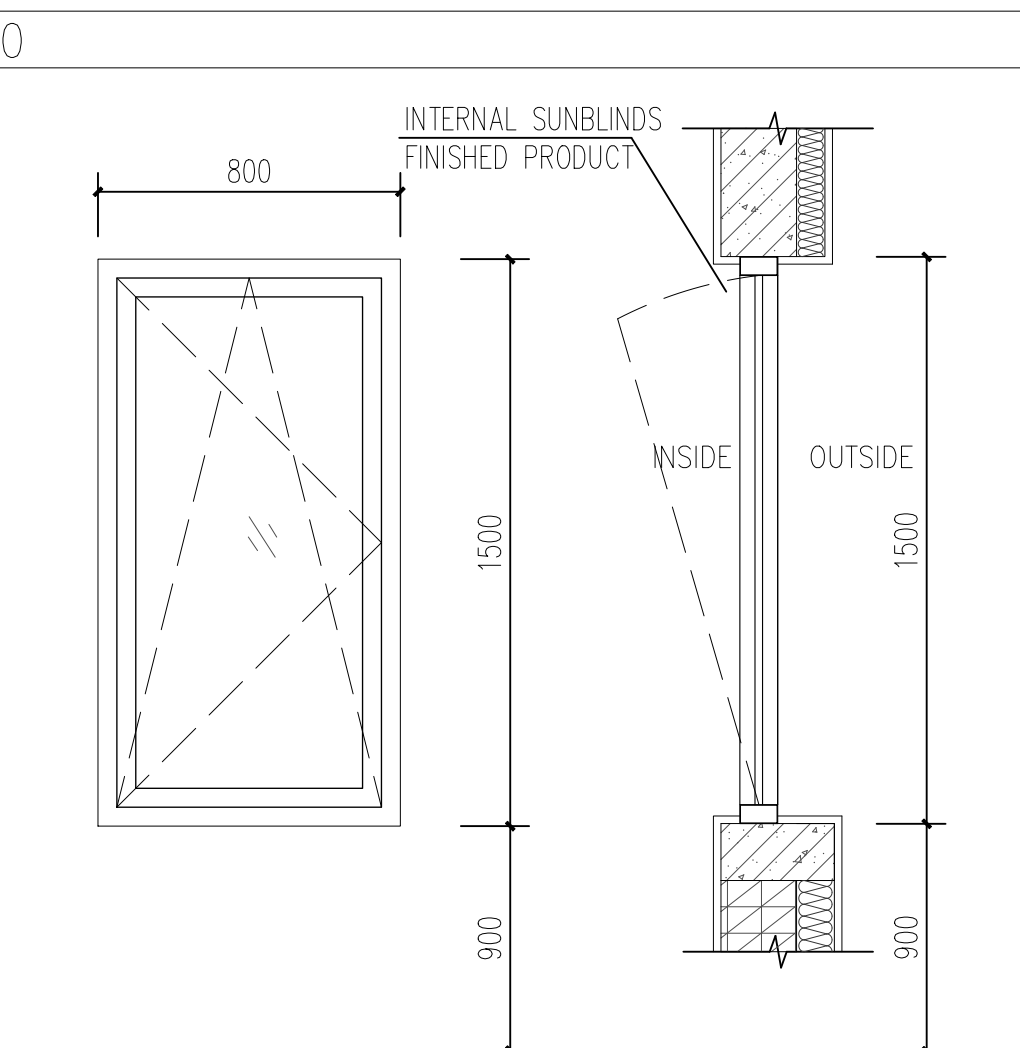
ELEVATION 1:20

SECTION 1:20



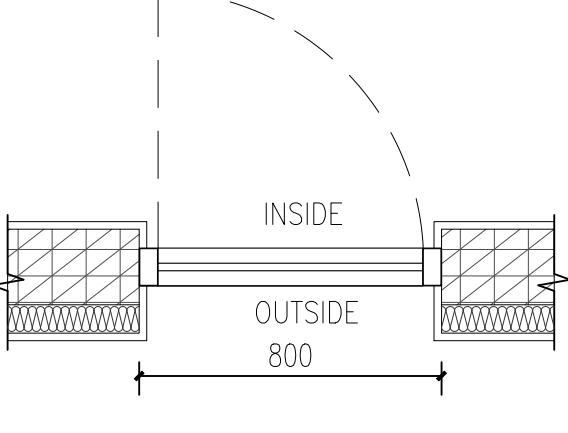
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W1815	1800	1500	2	DOUBLE GLAZING WINDOW (TURN WINDOWS, OPENING INWARDS) (MANUALLY OPERATED WINDOW)



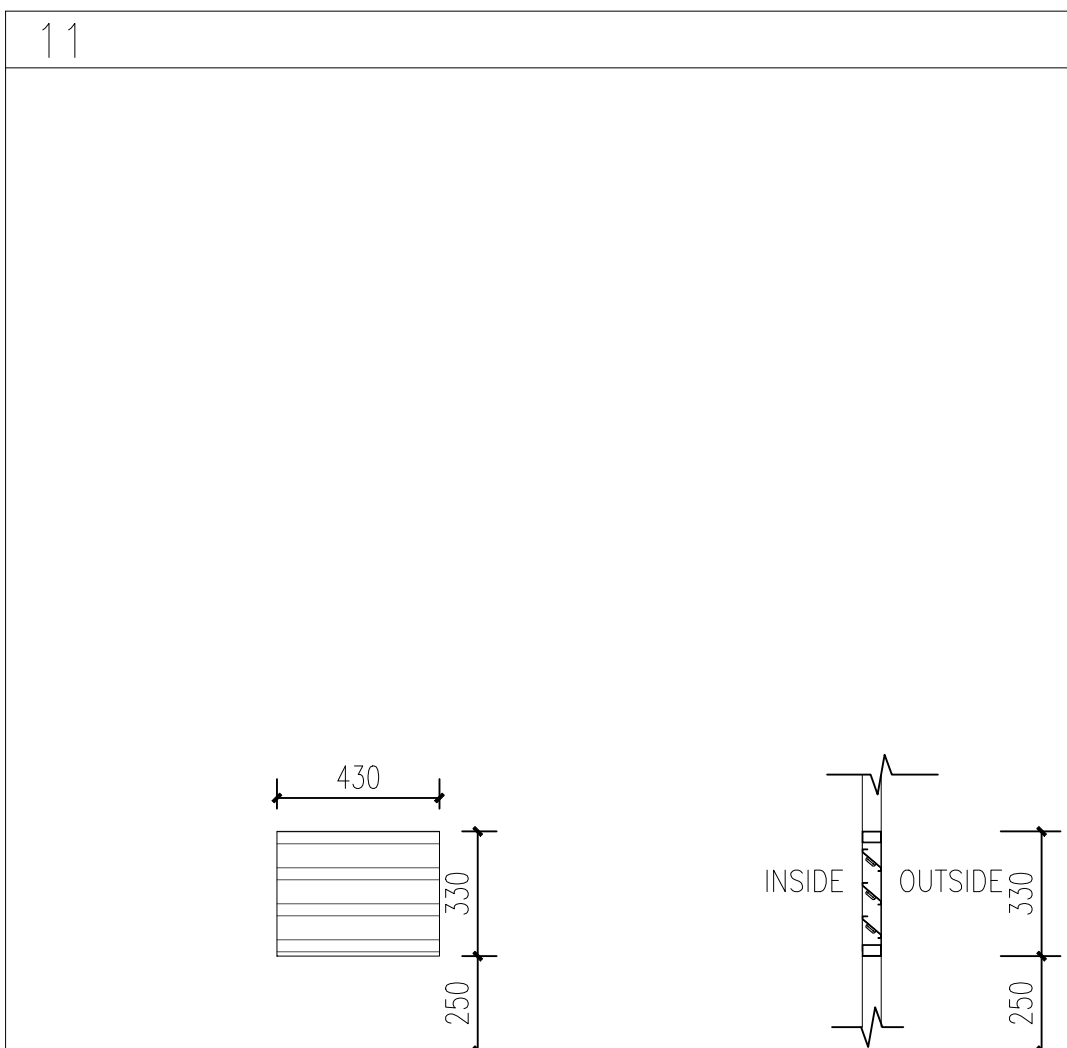
ELEVATION 1:20

SECTION 1:20



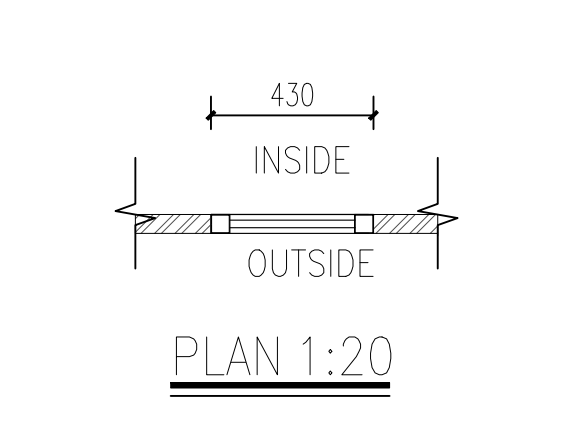
PLAN 1:20

NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W0815	800	1500	4	DOUBLE GLAZING WINDOW (TURN WINDOWS, OPENING INWARDS) (MANUALLY OPERATED WINDOW)



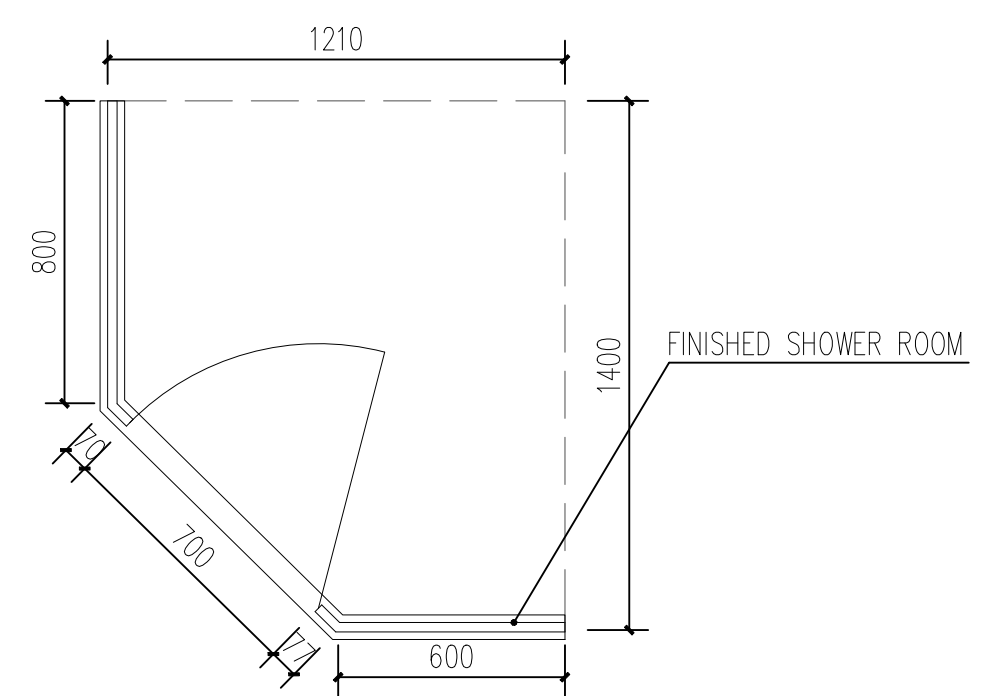
ELEVATION 1:20

SECTION 1:20

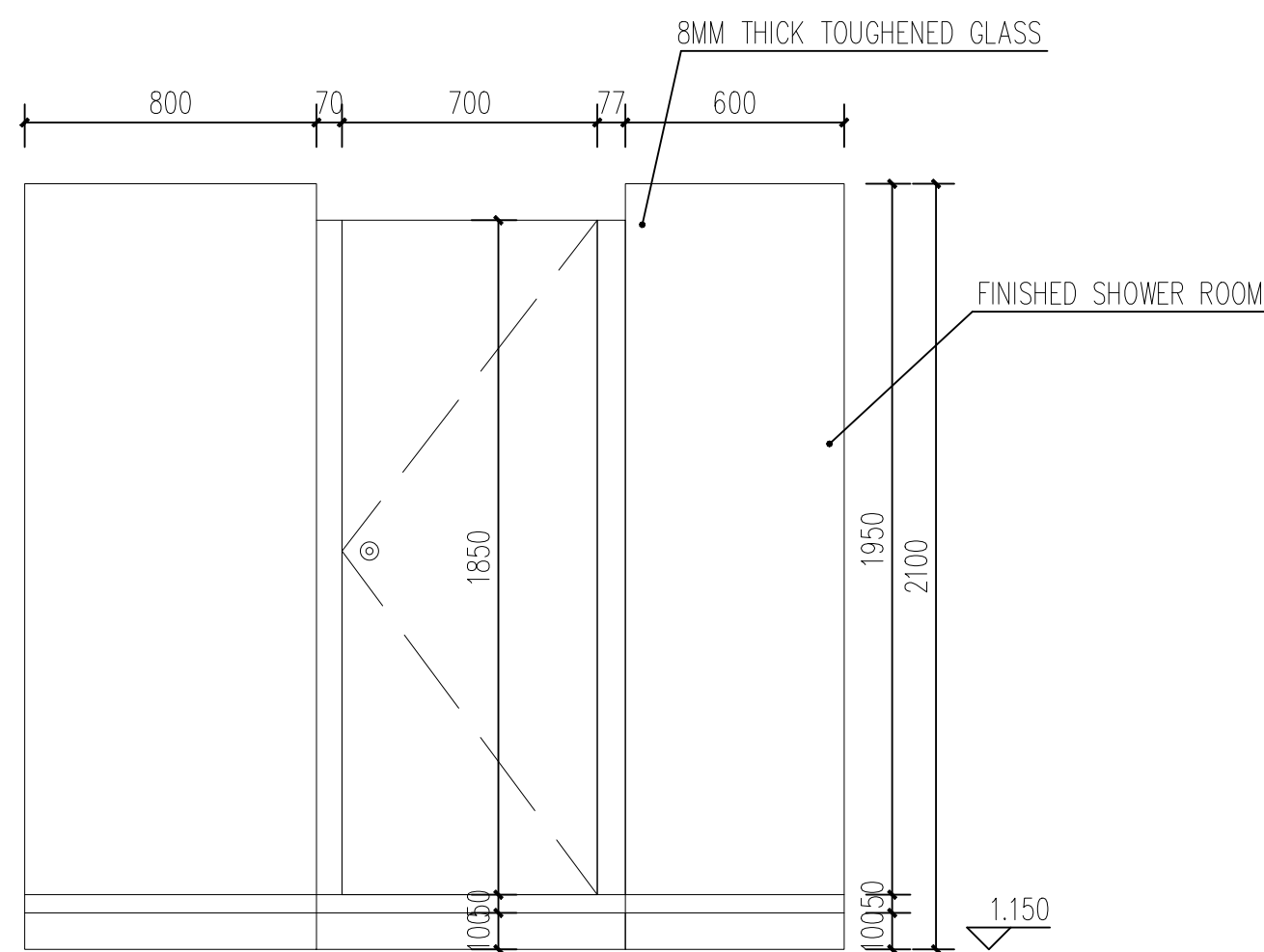


PLAN 1:20

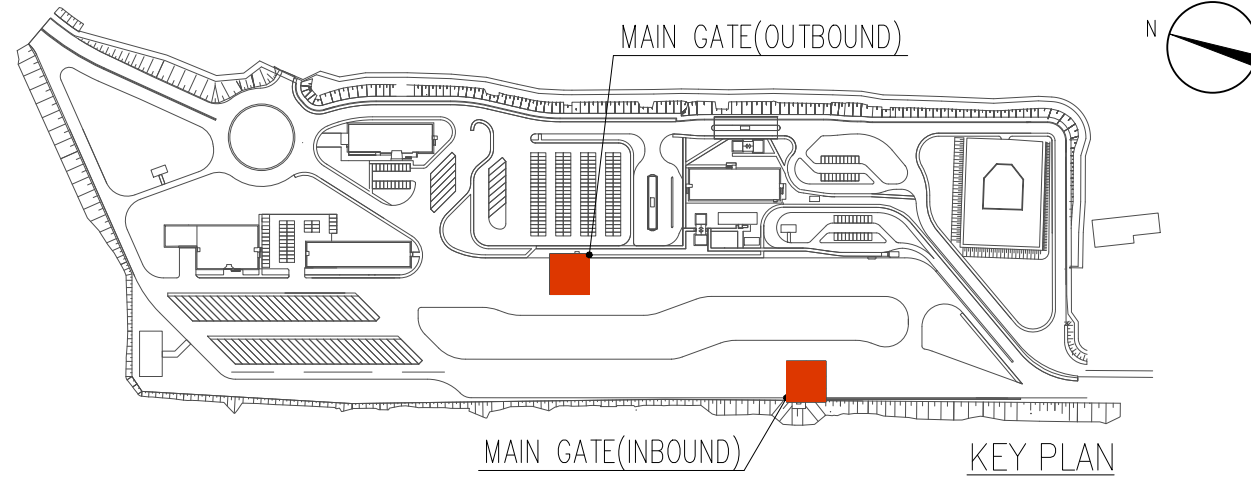
NO.	OPENING HOLE SIZE(MM)		QUANTITY	TYPE
	WIDTH	HEIGHT		
W0403	430	330	1	RAINPROOF ALUMINUM ALLOY LOUVER



35 SHOWER PARTITION DETAILS 1:20



35a SHOWER PARTITION ELEVATION 1:20



#### NOTES:

1. THE SIZE OF THE OPENING OF THE OUTER EAVES AND WINDOWS INDICATES THE SIZE OF THE OPENING.
2. ALL DOORS AND WINDOWS ARE EQUIPPED WITH MATCHING HARDWARE ACCESSORIES, DOORS AND WINDOWS AND ALL METALLIC COMPONENTS (HARDWARE, LEAFS, THRESHOLDS, PROFILES ETC) HAS TO MEET THE C5 ANTI-CORROSION REQUIREMENTS. DOORS AND WINDOWS HAS TO BE SEALED ON ALL FOUR SIDES.
3. ACCESS DOORS:
  - A) DOUBLE-SKINNED INSULATED STEEL DOOR, SINGLE-LEAF, TIGHT-FITTING, WARP AND WEATHER RESISTANT.
  - B) GALVANIZED STEEL SHEETS > 1.5 MM.
  - C) U-VALUE < 5.00W/MK (HEAT TRANSFER COEFFICIENT) OF WHOLE DOOR.
  - D) RESISTANCE TO WIND PRESSURE AS REQUIRED IN ACCORDANCE TO EN 12424 AND STATIC CALCULATIONS. WIND PRESSURE RESISTANCE LEVEL OF THE DOOR IS 3.
4. DOUBLE GLAZING WINDOWS:
  - A) TILT AND TURN WINDOWS, OPENING INWARDS; PUSH-AND-PULL WINDOW. THE HIGH WINDOWS IN THE TOILET ARE INWARD-OPENING BOOTOM-HUNG WINDOWS. INTERNAL SUNBLINDS ARE INSTALLED IN FRONT OF THE OFFICE WINDOWS.
  - B) PLASTIC STEEL AND DOUBLE GLAZING (6LOW-E+12Ar+6) WITH CLEAR INSULATION GLASS, ARGON-FILLED VOID BETWEEN, UV-TRANSMISSION < 20%.
  - C) U-VALUE < 1.70 W/MK (HEAT TRANSFER COEFFICIENT) OF WHOLE WINDOW.
  - D) GLASS IS GREY.
  - E) RESISTANCE TO WIND PRESSURE AS REQUIRED IN ACCORDANCE TO EN 12424 AND STATIC CALCULATIONS. THE WIND PRESSURE RESISTANCE LEVEL OF THE WINDOW IS LEVEL 3, THE DEFORMATION DEFLECTION CONTROL LEVEL OF THE WINDOW IS LEVEL B, THE FIRE RESISTANCE PERFORMANCE IS LEVEL C, AND THE WATER TIGHTNESS LEVEL IS LEVEL 7A, DROP HEIGHT (MM): 450, WITH AN AIR TIGHTNESS LEVEL OF 3. SOUND INSULATION > 35 DECIBELS.
5. ALL THE DOOR AND WINDOWS SHOULD BE SUPPLIED BY THE SUPPLIER AND RELEVANT MANUALS HEN THE MATERIAL SPECIFICATIONS HAS TO BE DEFINE (TYPE OF SOUND REDUCTION AND WIND RESISTANCE, ETC) OR REPORTS SHOULD BE PROVIDED. PURCHASE ORDERS CAN BE PLACED AND CONSTRUCTION CAN BE COMMENCED ONLY AFTER THE APPROVAL OF PRODUCT BY THE ENGINEER.

Engineer Approval Codes				
Code Nr	Condition	Signature	Engineer's Representative	Date
Code 1	Noted Work may proceed			
Code 2	Noted with comments Work may proceed			
Code 3	Rejected Work may not proceed (Review and resubmit)			

NO.	REVISION	DESCRIPTION	DATE	CHECKED
01		Revised according to RAD-CRBC-136(ARCH Part)	22/03/2025	✓ - MR
00		First Submittal	20/12/2024	✓ - MR

EMPLOYER		<b>CAIOPORTO S.A.</b> Avenida Comandante Gika n° 150 CP 1276 Sagrada Família Luanda, Angola
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CONTRACTOR		China Road and Bridge Corporation R. Fereso Mendes Pinto 55 Avulsão, Luanda, Angola Tel: +244 22 232 7063 http://www.crbcc.com
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PROJECT	<b>The Project of the New Port of Caio in Cabinda</b>
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DRAWING TITLE	<b>Onshore Buildings_Main Gate Doors and Windows Details</b>
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DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DRAWING N°
DATE	20/03/2025	20/03/2025	22/03/2025	
NAME	MR	MR	✓ - MR	1:20
DESIGN STAGE	DETAILED DESIGN			
				LOT1_DD_1020-A-14