



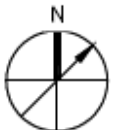
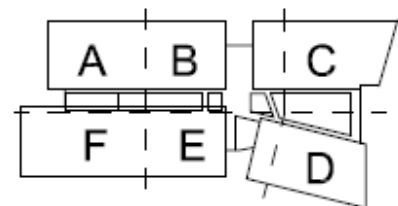
COMMERCIAL IN CONFIDENCE

Prepared For
UKCMRI Construction Ltd.

Project No: 08.33082.00

Document Title:

Technical documentation
East public entrance revolving doors
(G0-1533-EX2 & G0-1533-EX3)



Not for Disclosure,
Strictly private and confidential

Document nr:	3000-LXX-ZX-TES-5004
Date:	04 April 2013
Revision:	A00
Author:	Boon Edam
Checked by:	M.V.

Technical Annex Crystal Tourniket

Door number:	39325, 39326	Revision	A	Product code:	TGSR4507
Project number:	113976	Project:	Francis Crick Institute		
Customer ref.:					
Quantity:	2	London - GB			
Status:	FOR APPROVAL				

General specifications	
Inside diameter	2000mm
Height under canopy	2750mm
Canopy height	18 mm
Finish	Stainless Steel Grinded grain 240 Aisi 316
Direction of grinding	Horizontal parts are grinded horizontally Vertical parts are grinded vertically

1 - Curved walls	
Glass	16,76 mm Clear laminated
Contrasting sticker	Supplied loose

2 - Doorset		
Type	4 Doorwings Fixed	
Glass	Clear laminated 10,28mm Class P5A (Framed)	
Contrasting sticker	Supplied loose	
Locking	Doorlock (1x) Outside	Whole eurocylinder L=51mm
Locking, locked monitor	For external use	

3 - Ceiling	
Glass	Clear tempered/laminated 17,52mm
Rooftrim	360°

4 - Floor		
Matwelltrim	By Boon Edam BV	St.St. 50 mm
Floormat	Not by Boon Edam BV	Thickness 10mm (max.)
Floor should be horizontal and level within 2mm		

5 - Junctions	
Type	U-profile 20 x 25 x 20 x 1,5mm

Technical Annex Crystal Tourniket

6 - Night Locking Doors			
Type	Semi-Framed		
Glass	Clear laminated 9mm		
Locking	Night Locking Doors Lock	Half eurocylinder L=36mm	
Contrasting sticker	Supplied loose		

7 - Drive			
Type	Automatic + Lockingdevice		
Position	In the floor	Recessed under the floormat	
	Activated by motion detectors		
	Radar		
Control Panel	On inside post	1780mm +FFL	
- Functions	Keyswitch (off / day)		
	Locked		
Emergency stop	On inside post	1200mm +FFL	
Safety	CE Specifications		
	SRB – Safety rail on end post curved walls (2x active)		
	EBS – Sensor for last moment entrance protection		

8 - Cabling outside the Crystal Tourniket (Not by Boon Edam BV)			
Function	Specification	Position	Remark
Power supply door	230/240V-50Hz+PE Fused 16A Slow 3 x 2,5mm ²	To control box External	5mtr overlength
Doorset	Locked monitor	To control box External	5mtr overlength
	LIYY 3 x 0,5mm ²	Per returnsignal	

8 - Cabling between control box and drive			
Function	Specification		Remark
Main cable	32 x 0,25mm ² d=12mm	shielded	Delivery BEBV 25m 50010178
Motorcable	4 x 0,75mm ² d= 9mm	shielded	Delivery BEBV 25m 50010077
Encodercable	12 x 0,5mm ² d=11mm	shielded	Delivery BEBV 25m 50010176

Technical Annex Crystal Tourniket

8 - Cabling between electrical components and drive		
Function	Specification	Remark
Motion detector	4 x 0,25mm ² d=5mm	Delivery BEBV
SRB	2 x 0,5mm ² d=5mm	Delivery BEBV
EBS	8 x 0,25mm ² d=5mm	Delivery BEBV
Emergency stop	3 x 0,25mm ² d=5mm	Delivery BEBV
Control Panel	4 x 0,25mm ² d=5mm	Delivery BEBV
Locked monitor	3 x 0,25mm ² d=5mm	Delivery BEBV

Software options
Communication: Blue Tooth controlled by TouchM (default)

Please give
- Info/details for Junctions - Doorset espagnoletlock, in- or outside? -

Remark
- All mastic black - Doorset with 10,52mm Class P5A clear laminated Glass -

Not by Boon Edam BV
To install the matwelltrim Floor finishing in the Tourniket Architectural junctions around Exchange lock cylinders Power supply Tubes outside the Tourniket Cabling outside the Tourniket Cardreader(s)

Matwelltrim Installation Crystal Tourniket

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Workinstruction to install the matwelltrim

1. Determine and mark the centre of the revolving door.
2. Position one part of the matwelltrim along the centerline of the revolving door. Center of the matwelltrim = center of the revolving door.
3. Adjust the radius of the matwelltrim from the centre of the revolving door to each bracket of the matwelltrim.
4. Mark the fixing holes, drill the holes and fix the matwelltrim temporarily.
5. Position the other parts of the matwelltrim and repeat the steps 3 & 4.
6. Level the top of the matwelltrim to the finish floor level. After ensuring proper levelling of the matwelltrim secure all bolts.
7. Equalize the inside floor of the matwelltrim to the desired level. (finished floor level - height floor mat)

A-A

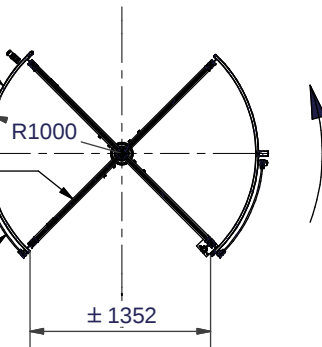
INSIDE

1 - CURVED WALLS

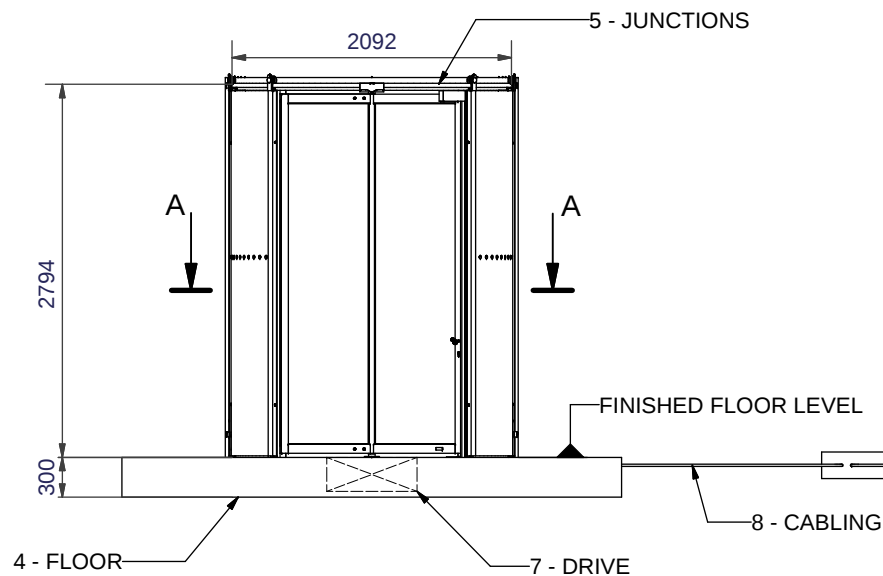
5 - JUNCTIONS

2 - DOORSET

6 - NIGHT LOCKING DOORS



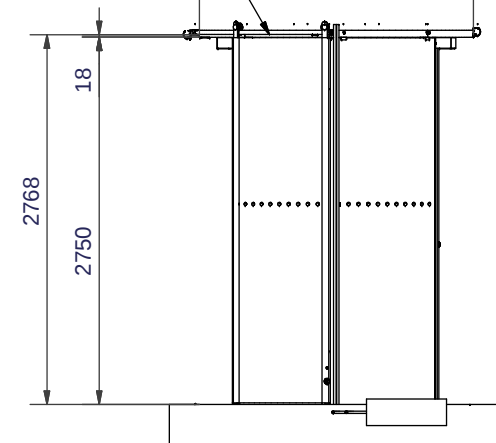
OUTSIDE



OUTSIDE VIEW

3 - CEILING

Ø2050

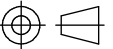


SIDEVIEW

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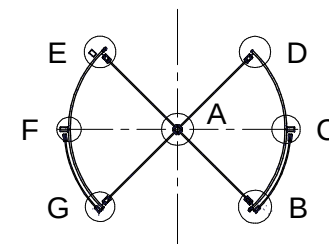
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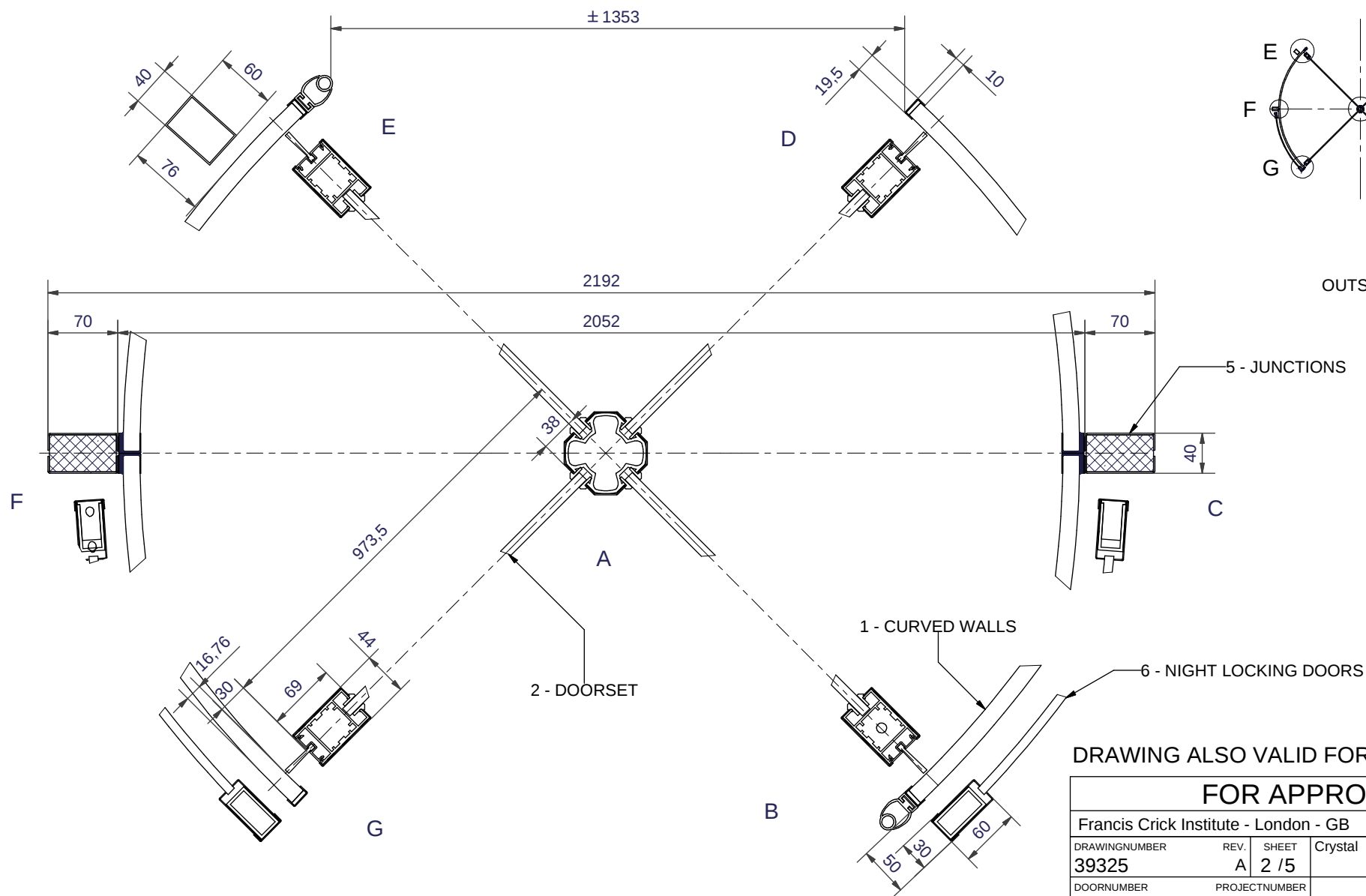
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DESCR.			
DRAWN EE	29-3-2013	FORMAT A3	
CHECKED PJE		UNITS mm	
STATUS Released		SCALE	

CUSTOMER INFO

INSIDE



OUTSIDE



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DOORNUMBER 39325 PROJECTNUMBER 113976

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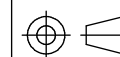
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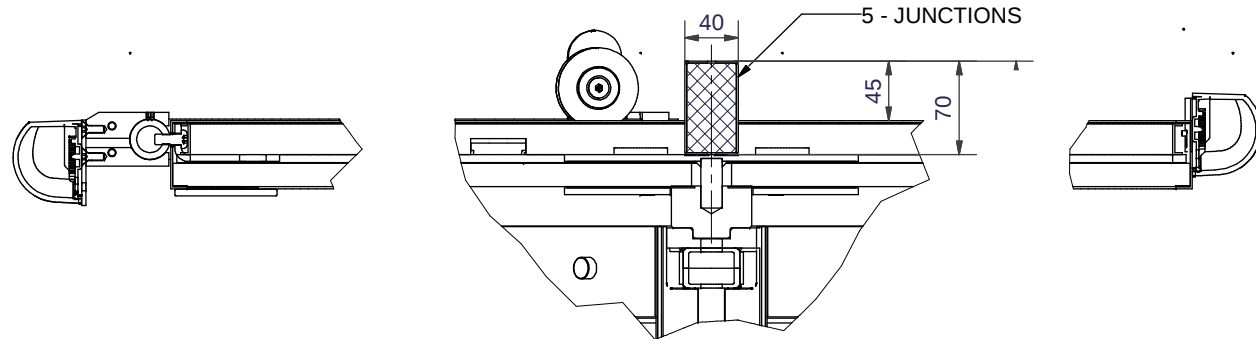
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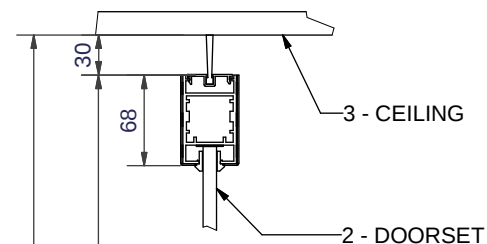
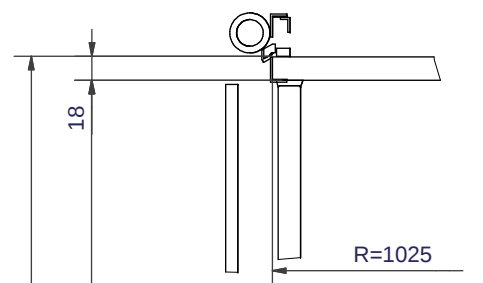
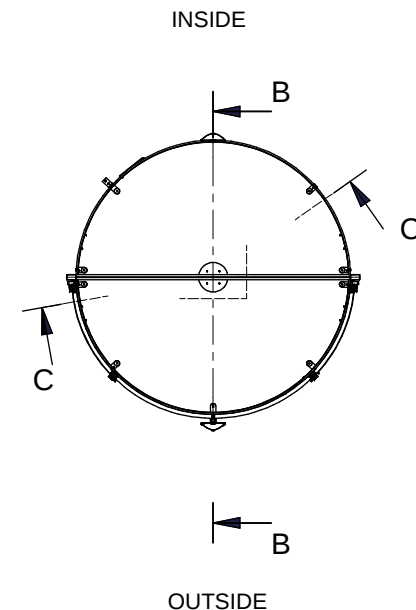
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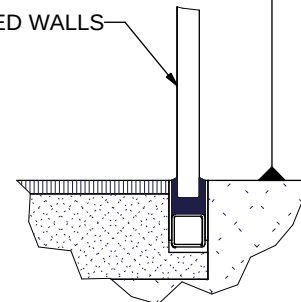


B-B

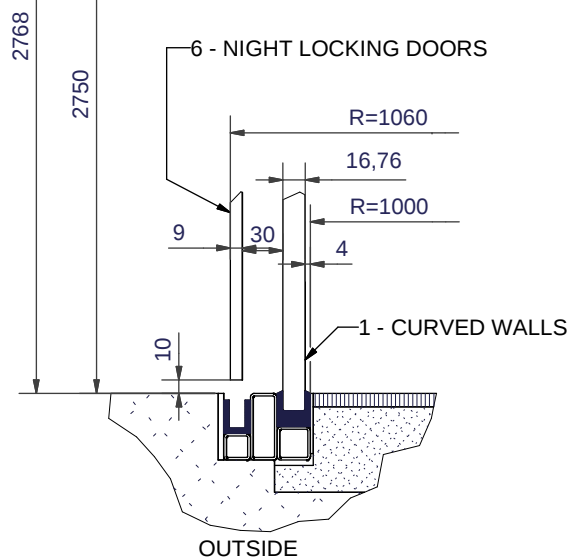


C-C

1 - CURVED WALLS



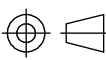
INSIDE



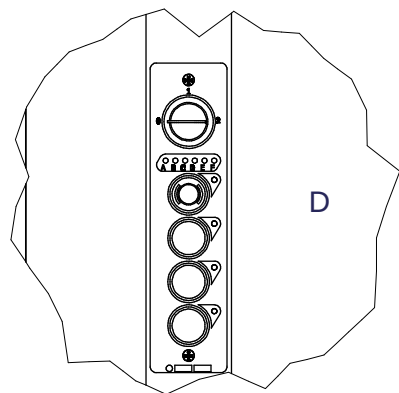
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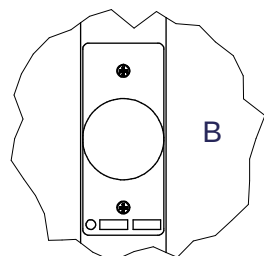
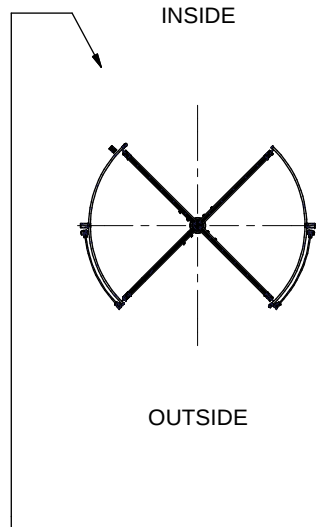
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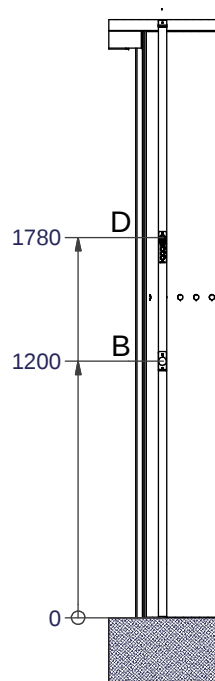
CUSTOMER INFO



CONTROL PANEL



EMERGENCY STOP



CONTROL PANEL INSIDE

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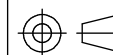
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FORMAT A3

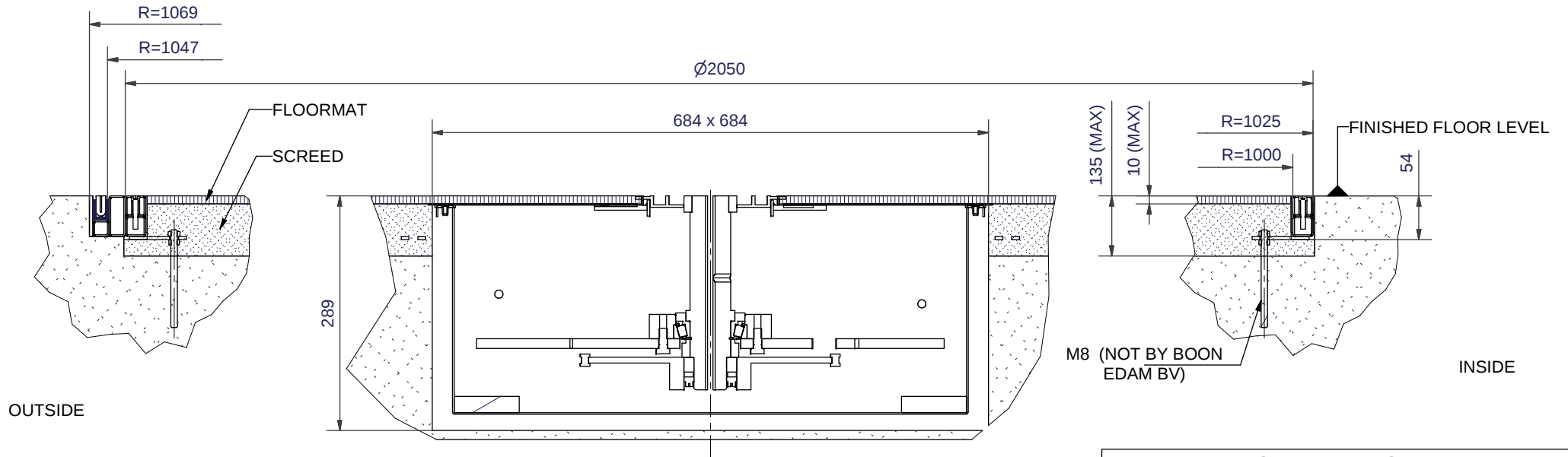
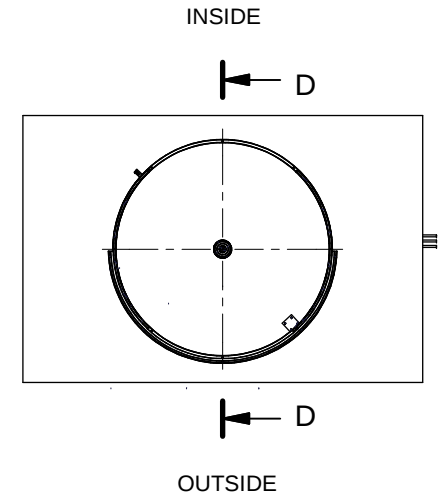
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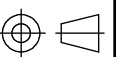
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- Matwelltrim installed by Boon Edam Ltd
- Matting delivered by others



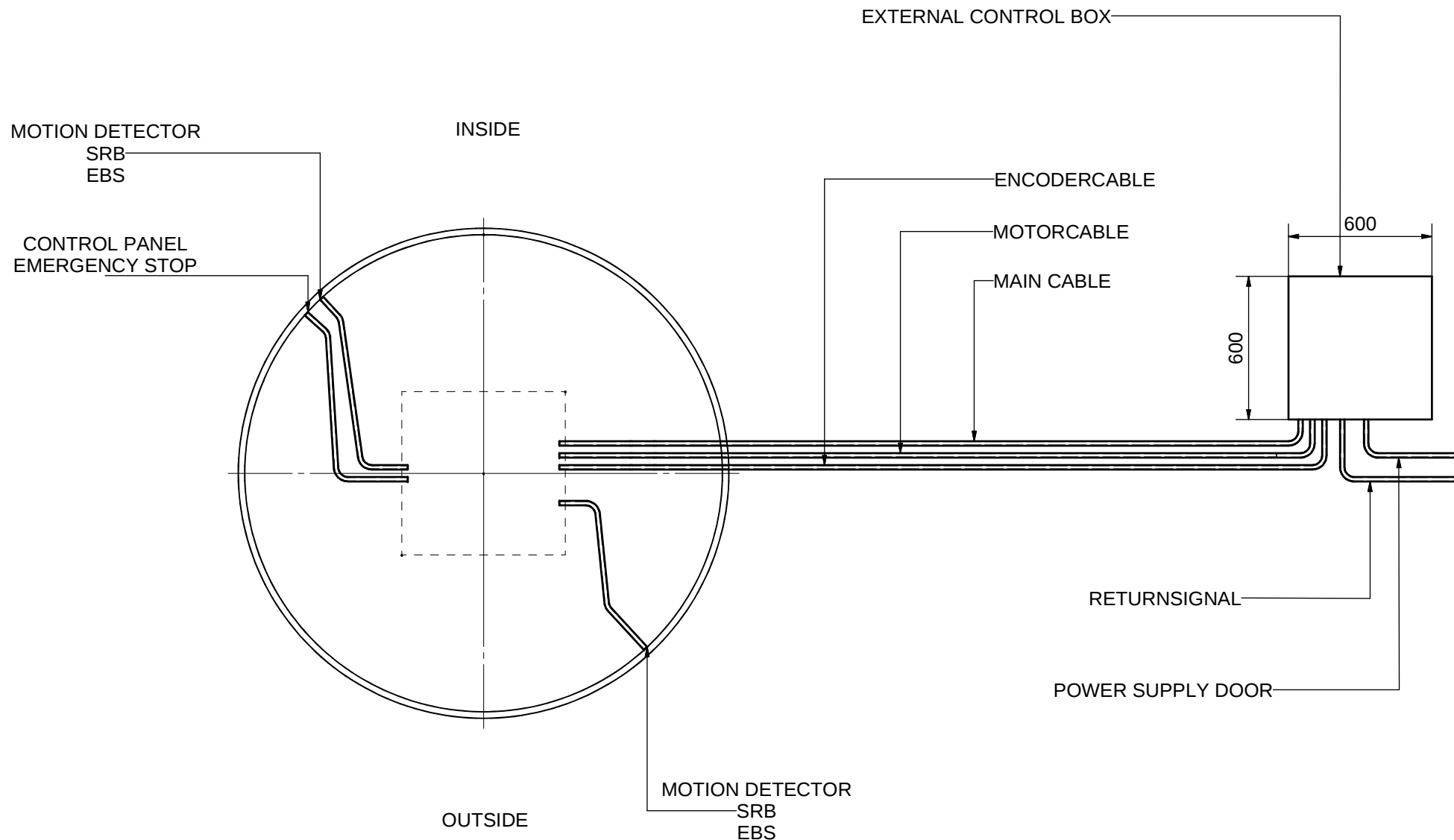
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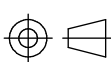
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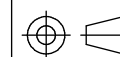


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DRAWINGNUMBER 54060143		REV. -	SHEET 1 / 1	MOTORBOX CABLE TUBES	
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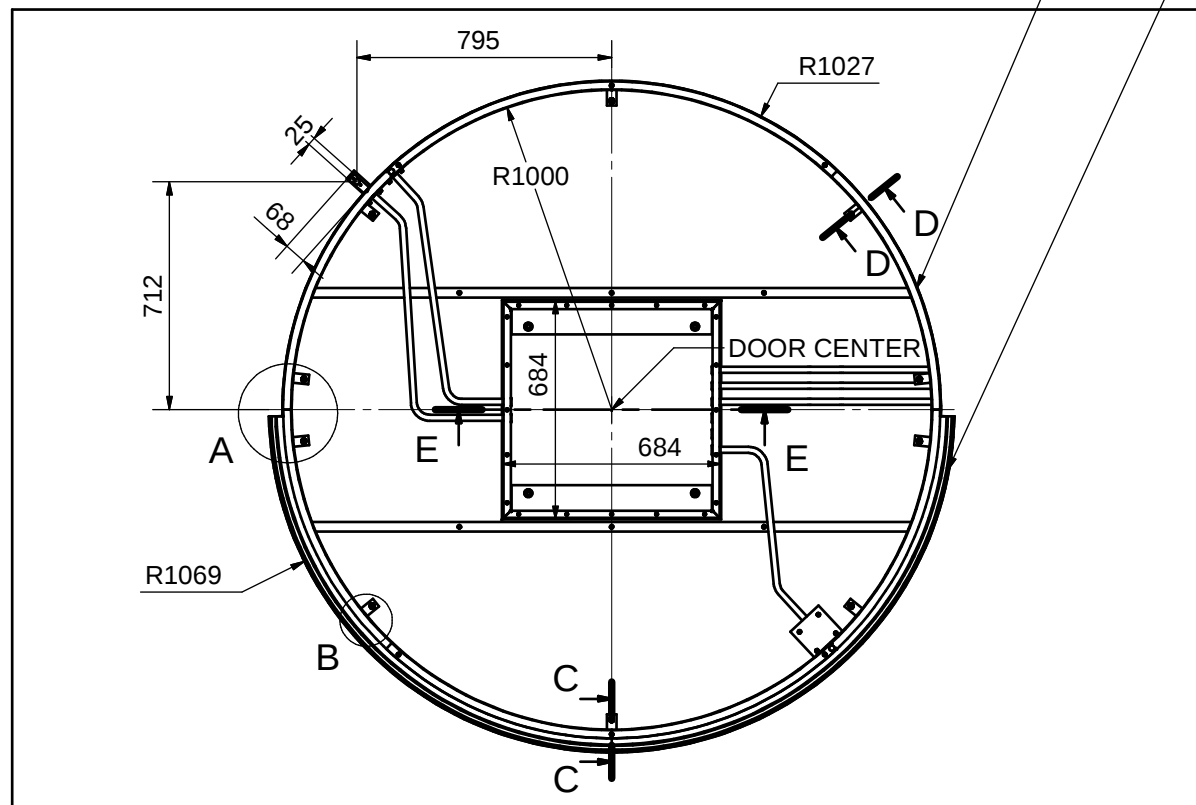


CUSTOMER INFO

MATWELLTRIM ASSEMBLY INSIDE FLOORTUBE
56066246

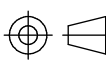
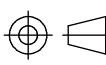
MATWELLTRIM ASSEMBLY OUTSIDE NSD LOCK IN POST SRB
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INSIDE

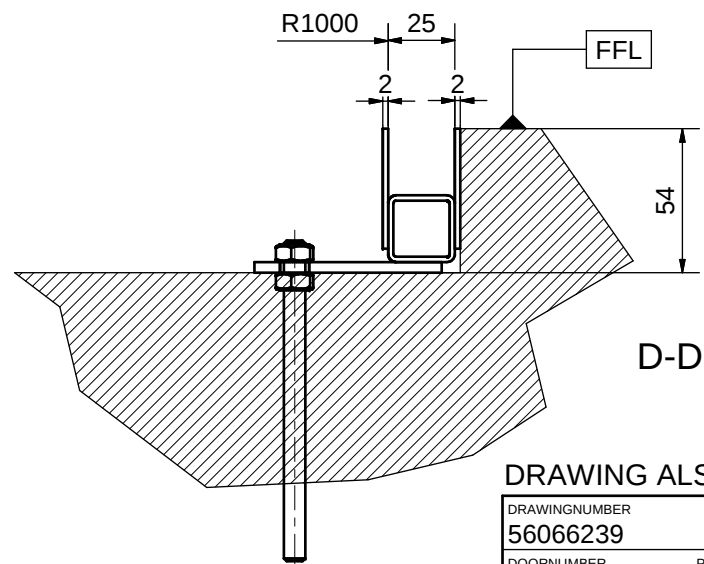
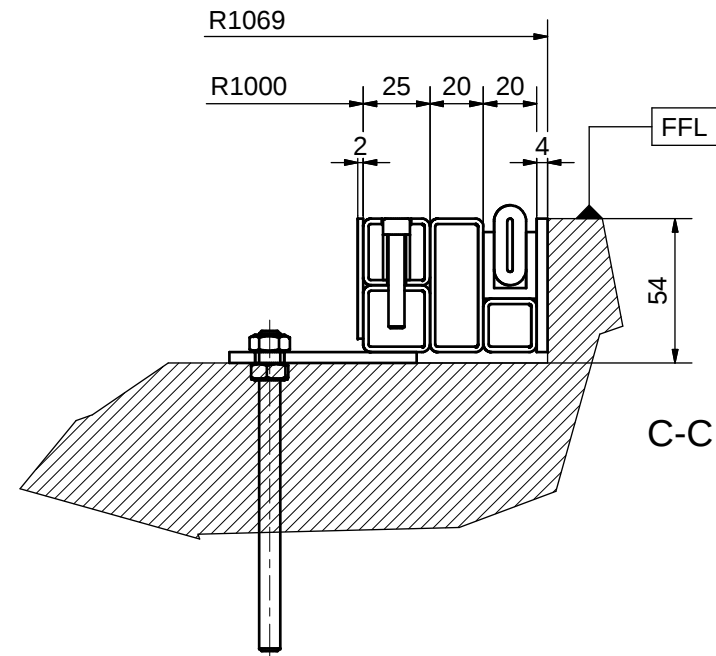
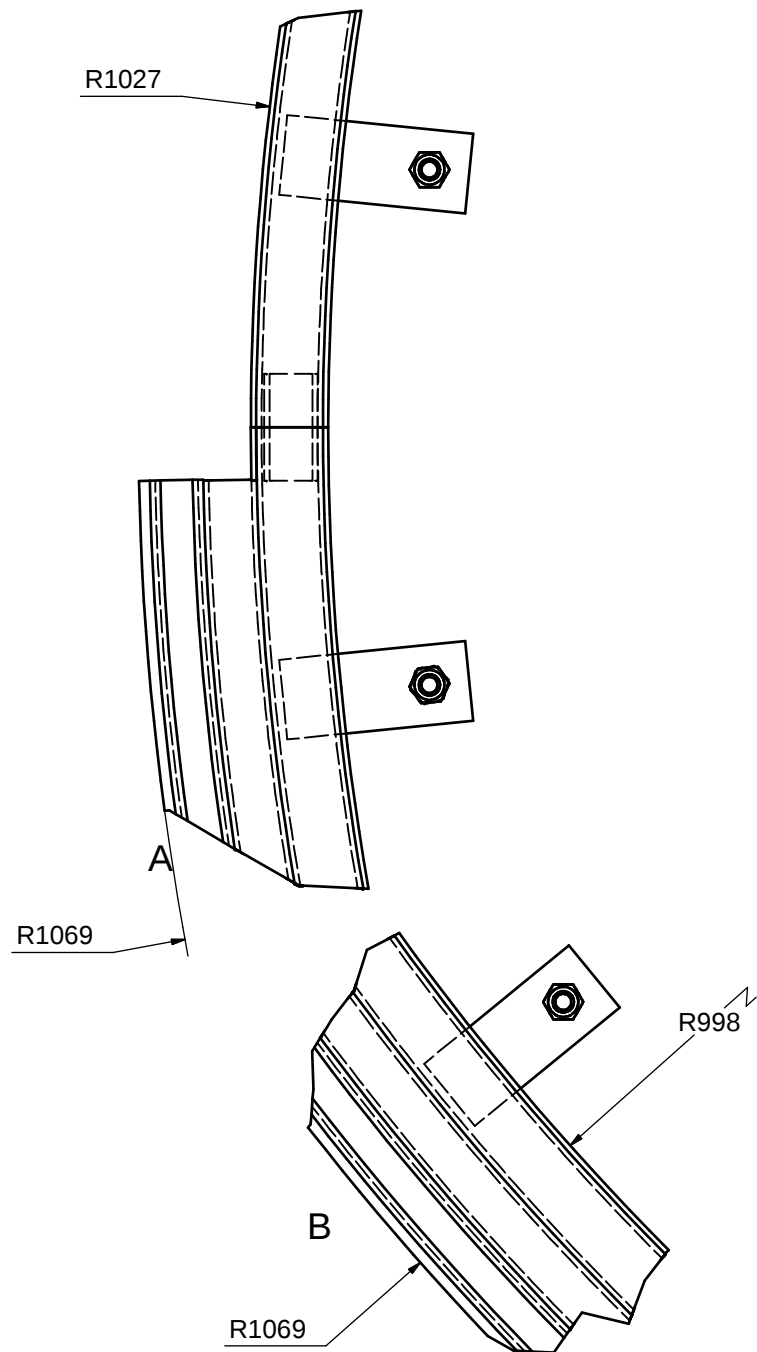


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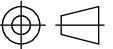
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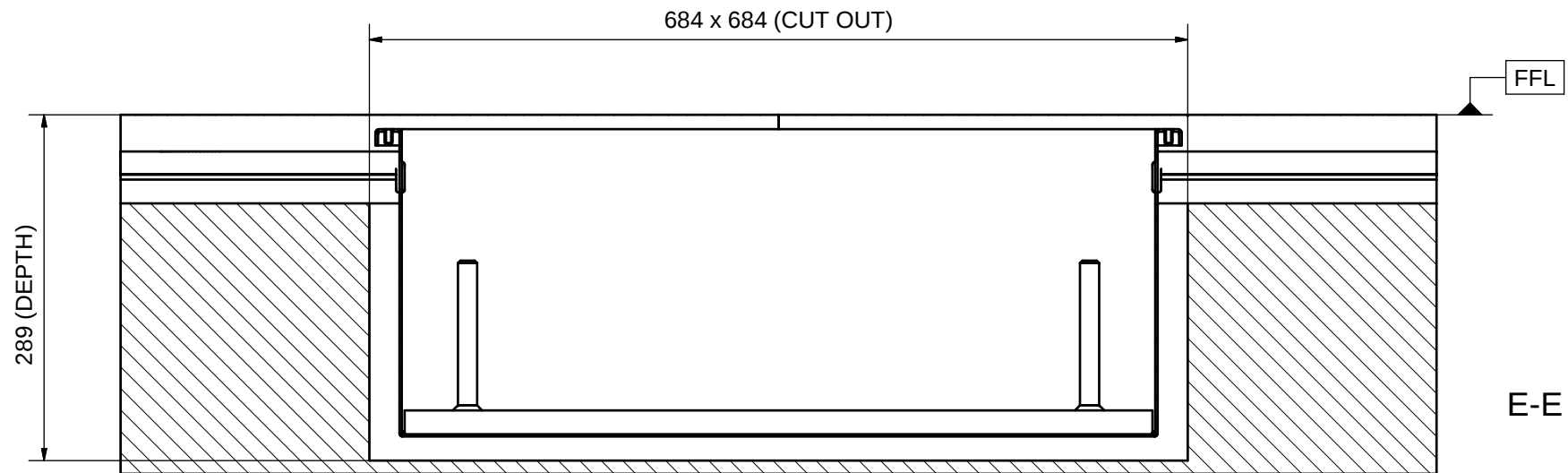
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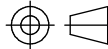
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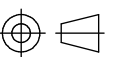
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CUSTOMER INFO MATWELLTRIM



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DOORNUMBER 39325	PROJECTNUMBER 113976			
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CUSTOMER INFO MATWELLTRIM