

Ellickson Adjustable Head Dock Seal



Custom Made Quality Solutions.

Adjustable Head Dock Seal

Product Development Criteria is based on the following design parameters:

- Continuous product analysis & research programme
- Specification evaluation for customer requirements
- Building enhancement capabilities & architectural compatibility

Security

The rear of the docked vehicle is encapsulated by the dock seal thus preventing any unwarranted access to the loading dock.

Energy Conservation

The Dock seal incorporates an adjustable head thus providing a thoroughly effective seal between building and docked vehicle.

Weather Protection

The dock seal will help prevent ingress of water to the loading dock area during the loading and off loading process.

Safety

The dock seal is a major contributor to safety in the loading dock by ensuring water ingress is minimised, thus keeping the dock leveller platform as dry as possible. Due to its design configuration and reduced open width, the likelihood of forklifts slipping off the dock leveller platform is vastly reduced.

Effective Wind Resistance

The advantages of the adjustable head dock seal are most pronounced in wind-exposed locations. Even in storm conditions, contact between the vehicle and building is maintained.

Cold Store Application

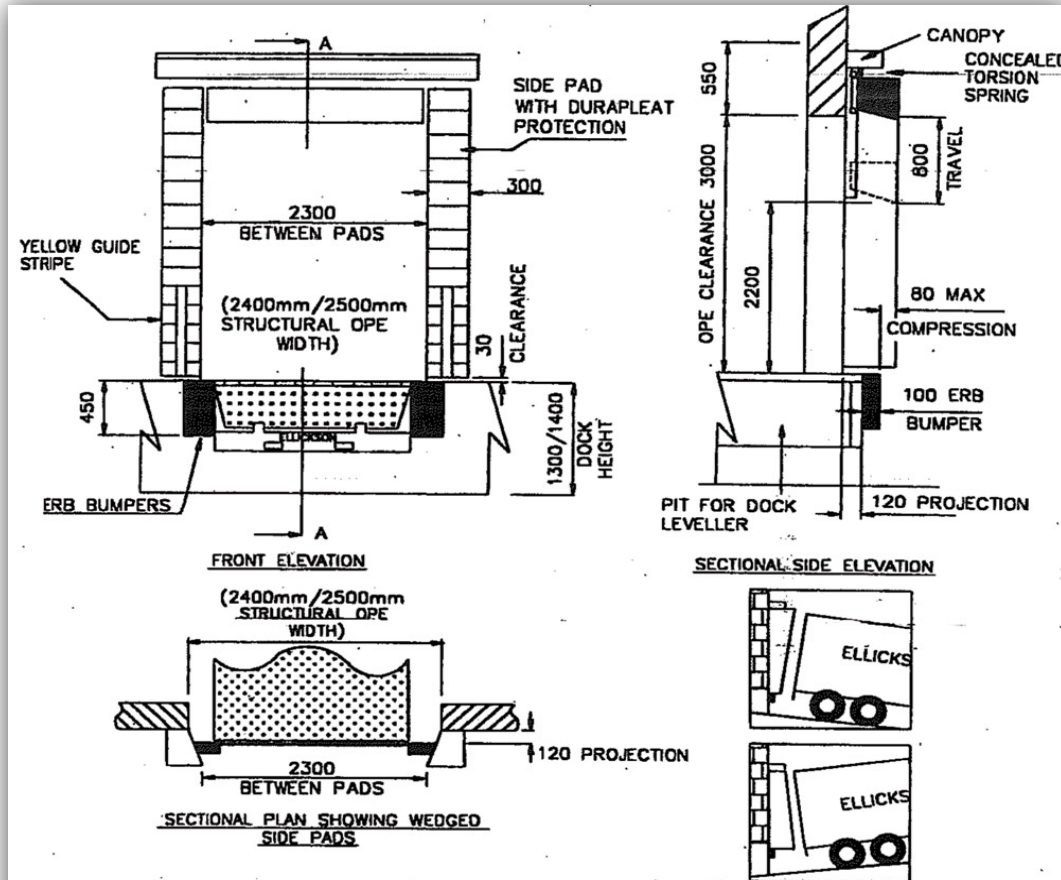
The Ellickson adjustable head dock seal is particularly suited for cold store applications.

The Component Features Include:

- Heavy duty nylon reinforced PVC covers with integrated yellow warning strips heat sealed to rigid foam-backed pads.
- All steel components are hot-dipped galvanised and are corrosion resistant.
- The top-end assembly is enclosed with PVC coated profiled steel canopy.
- Seals are available in colour black.

All equipment is CE compliant and will conform to all EU and statutory health and safety regulations

Adjustable Head Dock Seal



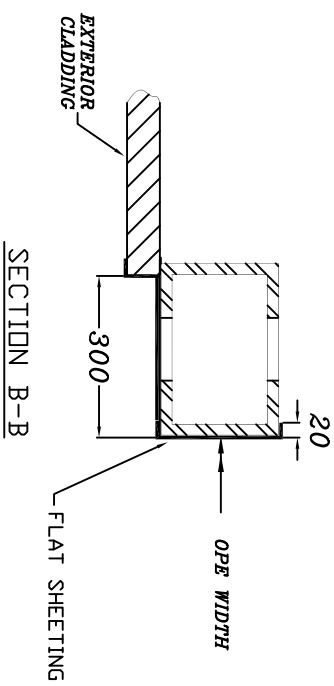
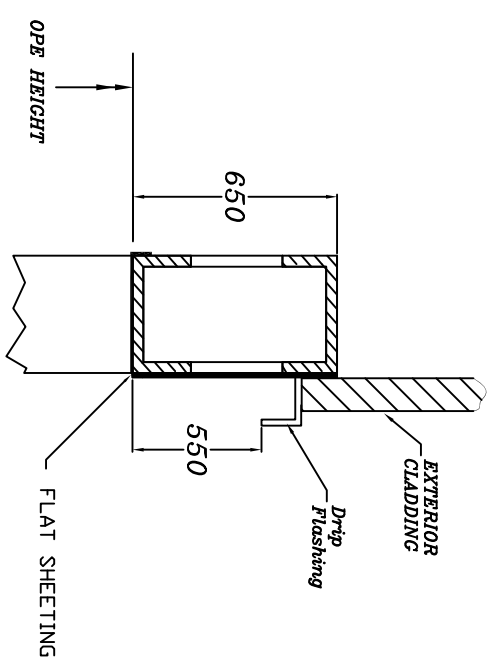
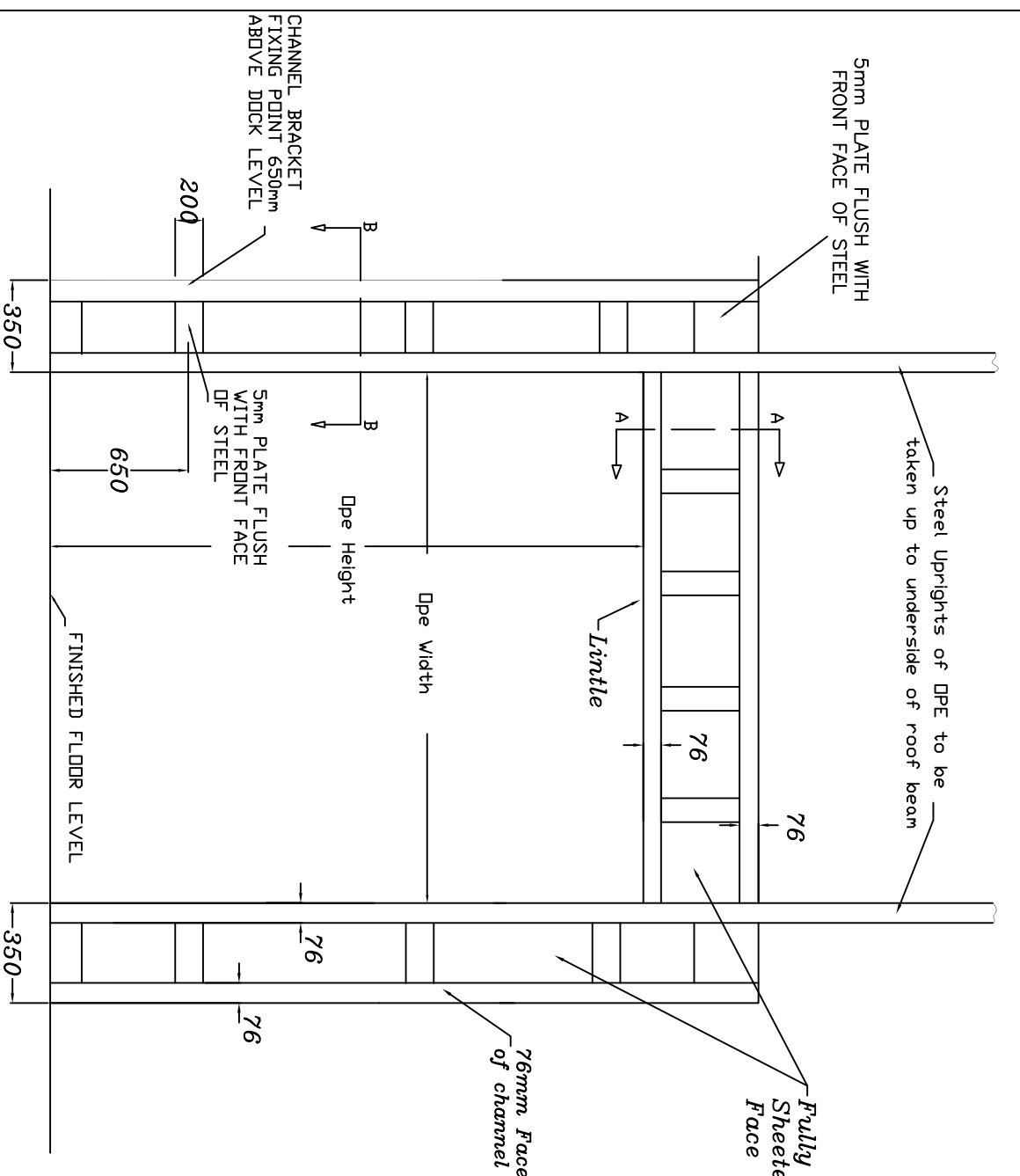
TAPERED SEALS (Special)
 Customised tapered dock seals are manufactured to accommodate a sloped dock approach. Please consult us for design assistance.

Specification:

Adjustable head wedge type dock seal

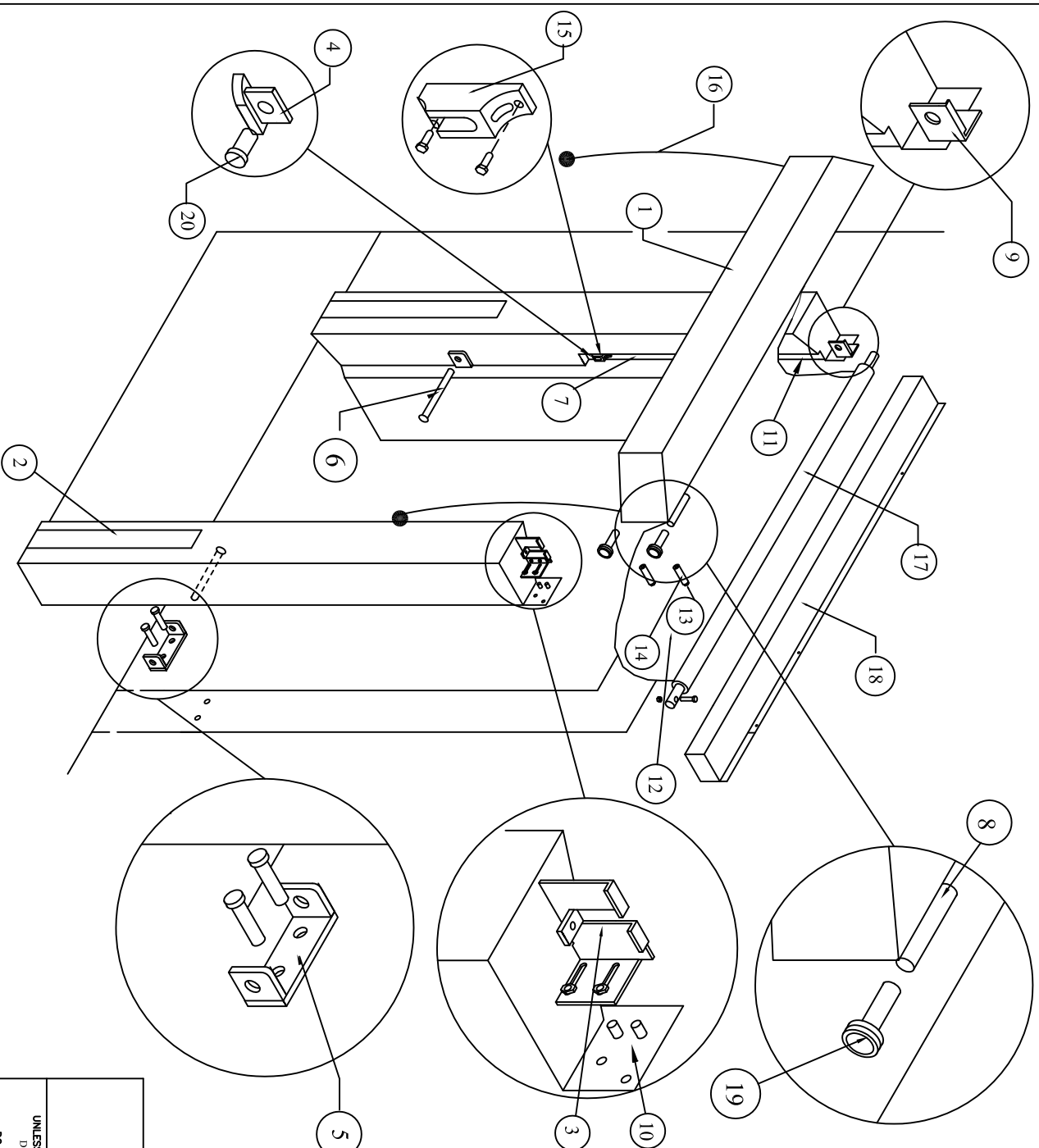
Side pad will be wedge shaped and will be 300mm wide x 250mm wide at rear x 300mm projection. Head pad will be 240mm deep x 240mm projection. The head pad will be mounted in guide rollers and vertical travel will be 800mm. The galvanised guide tracks will be recessed in the vertical side pads. The integrated overhead torsion spring mechanism will counter-balance the head pad. The head pad has an upward bias thus ensuring automatic return to fully open position. (The torsion spring mechanism eliminates the need for unsightly counter balance weights as used on other conventional adjustable head dock seals). A steel galvanised canopy is included. The heavy duty nylon reinforced PVC seal covers encapsulate a foam core and fasten to a 50mm seasoned wood backing. Side pads will have 100mm wide contrasting guide strip. Mounting brackets for installation will be provided

Standard colour : Black.



Elevation View

 Ellickson Doors SUPPLY • INSTALL • SERVICE			
Unit 17F, Sky Cross Road, Business Park, Waterford TEL: 051-339451 MOB: 087 2809866, 087 2306843		DRAWING TITLE <i>Ope Steel Frame Detail</i> <i>For Mounting Adjustable Head Dock Seal</i>	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES DO NOT SCALE DRAWING	DATE 22-10-08	STORAGE REFERENCE:	JOB REFERENCE:
DRAWN BY A O'Brien	DATE 22-10-08	DRAWING NO. TSD-SP-01	
CHECKED BY			



ITEM NO.	DESCRIPTION	PART NO.	In-house SPEC.
1	Adjustable Head Pad Assembly	TSD-AA-01	A
2	Side Pad Assembly	TSD-AB-01	B
3	Torsion Spring Locking Brk.	TSD-AC-01	3
4	Track Stop Assembly	TSD-AD-01	D
5	Channel Bracket Assembly	TSD-AE-01	E
6	Locking Pin Assembly	TSD-AF-01	F
7	Guide Track Assembly	TSD-AH-01	H
8	Roller Carrier Assembly	TSD-AJ-01	J
9	Torsion Spring Support Brackets	TSD-SB-01	2
10	Wall Plate Assembly	TSD-WP-01	1
11	Roller Track	TSD-RT-01	26
12	Pull-down Curtain	TSD-PC-01	36
13	M12 X 66 Set Screw	TSD-SS-02	37
14	M1275 Rawl Nut	TSD-RN-01	38
15	Junior Clamp Cleat	TSD-JCC-01	39
16	Pull-down Rope (2m Long)	TSD-PR-01	40
17	Torsion Spring	TSD-TS-01	42
18	Canopy	TSD-CA-01	43
19	Track Roller	TSD-TR-01	44
20	M8 X 30 Set Screw	TSD-SS-03	45



Unit 17F, Six Cross Roads Business Park, Watford
TEL: 051-338451 MOB: 087 2859866, 087 2306843

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN

MILLIMETRES

DO NOT SCALE DRAWING

DRAWING TITLE

Adjustable Head Dock Seal

Component Structure

STORAGE REFERENCE:

JOB REFERENCE:

DRAWN BY

A O'Brien

DATE

22-10-08

CHECKED BY

TSD-ASM-01

DRAWING NO.

TSD-ASM-01

Ellickson Loading Dock Shelter



Custom Made Quality Solutions.

Retractable Frame Dock Shelter

Product Development Criteria is based on the following design parameters:

- Continuous product analysis & research programme
- Specification evaluation for customer requirements
- Building enhancement capabilities & architectural compatibility

Component construction

The supporting frame and ancillary components are manufactured entirely of rust-resistant steel. The flexible frame assembly is designed to yield in the event of collision with misguided traffic.

Shelter Cover

2 no. heavy duty nylon reinforced PVC tensioned vertical curtains and 1 no. horizontal tensioned curtain is secured to frame assembly.
Wrap around curtain is fastened to side and head of shelter frame.

Fixing

Positive fixing grounds are required.

Shelter Curtain Protection

The head curtain has overlapping buffer flaps fitted to curtain extremities.

All equipment is CE compliant and will conform to all EU and statutory health and safety regulations

Wind resistance

For wind exposed locations, a door curtain wind lock assembly can be provided.

Colour

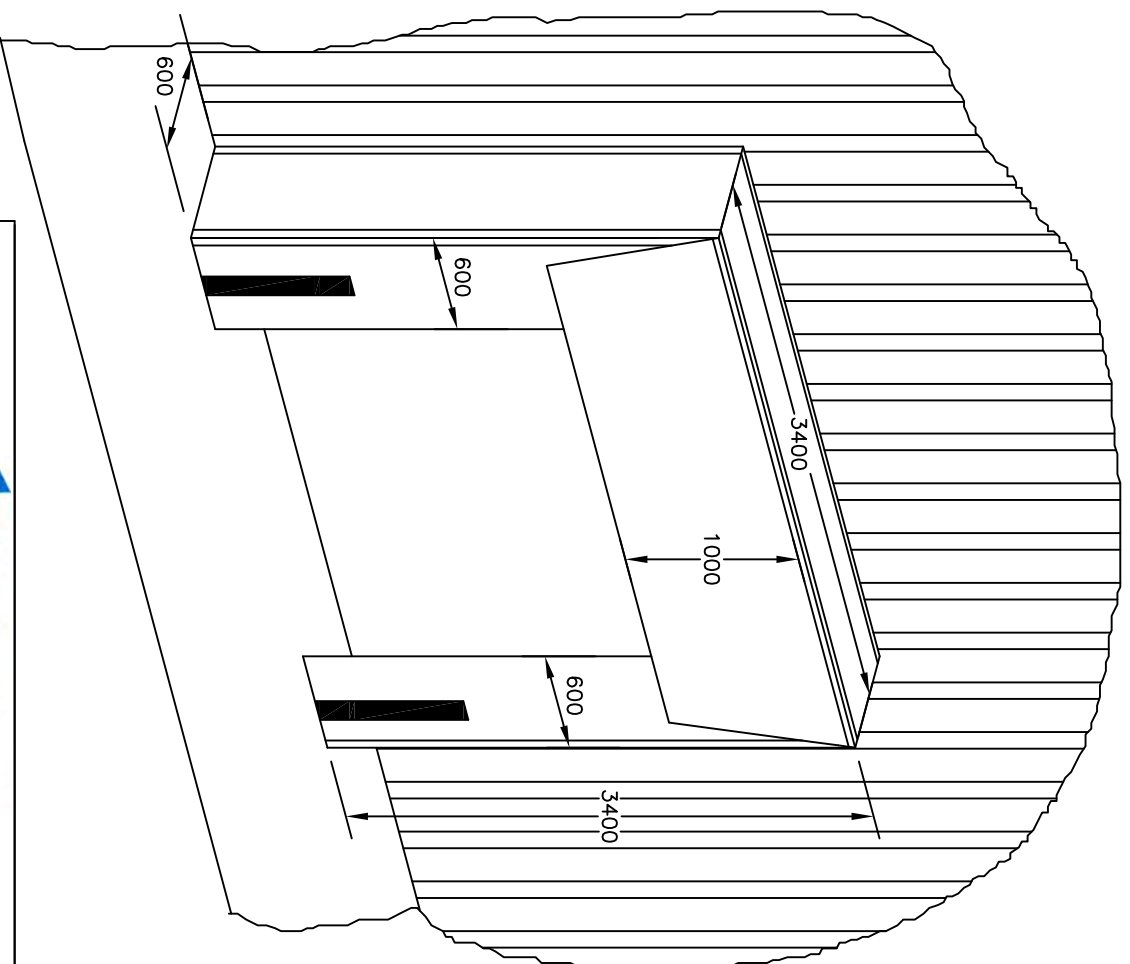
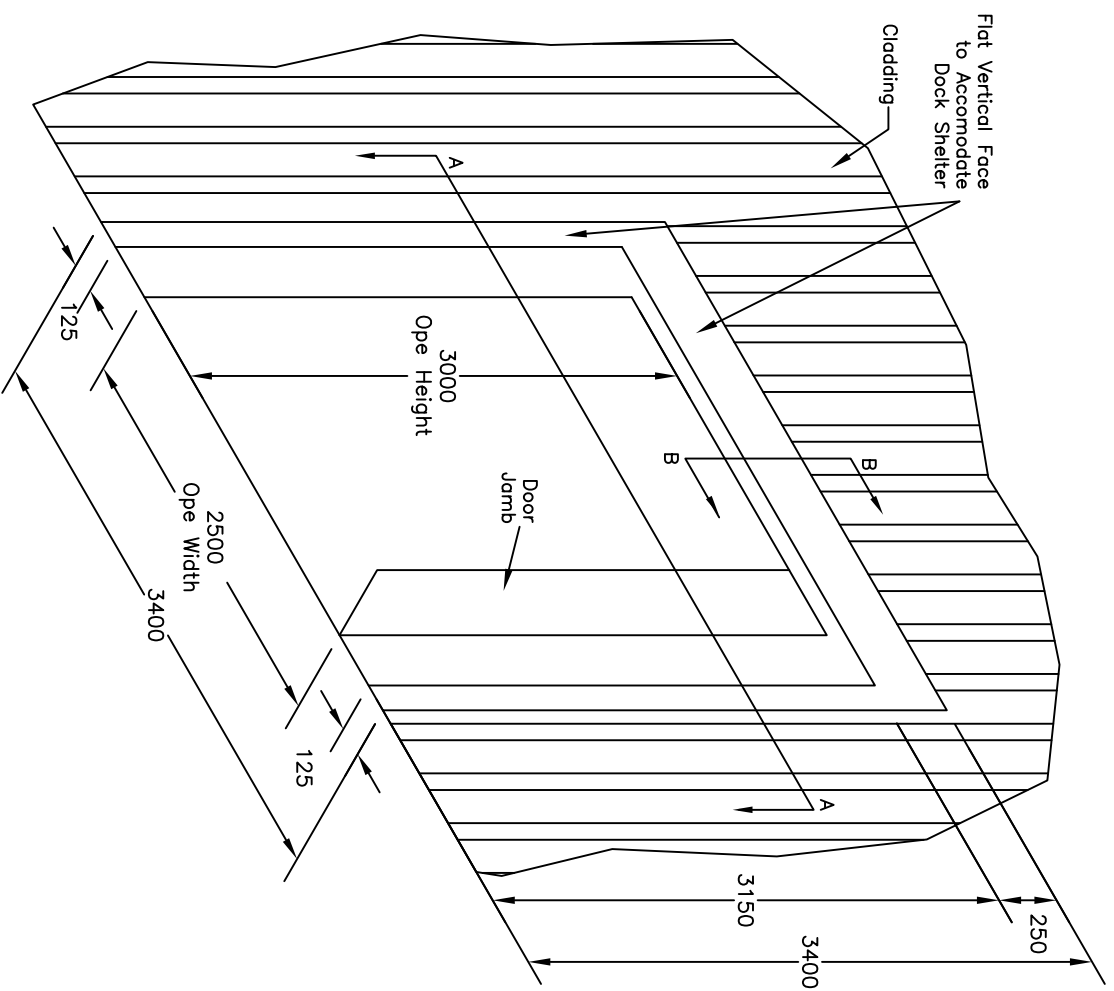
Standard colour black

Energy Conservation

The dock shelter is an efficient means of preserving an environmental seal between docked vehicle and loading dock.

Unimpeded Access

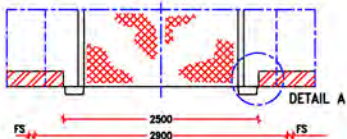
Door opening widths of up to 3300mm can be accommodated with this system.



Projection of Shelter
From Building:— 600mm

	
Unit 17F, Six Cross Roads Business Park, Waterford TEL: 051-338451 MOB: 087 2859866, 087 2306943	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES DO NOT SCALE DRAWING	DRAWING TITLE Ope Details for Installation of Eliikson Dock Shelter
DRAWN BY A O Brien	DATE 7-10-08
STORAGE REFERENCE:	
CHECKED BY DC-OP-01	DRAWING NO. DC-OP-01
JOB REFERENCE	

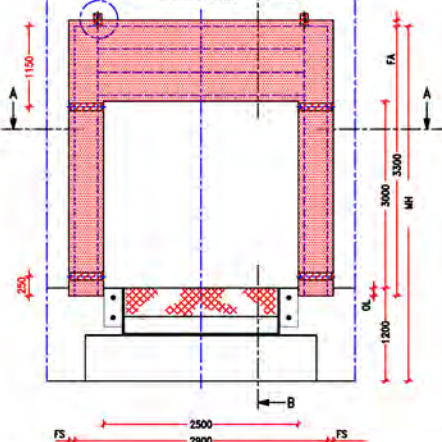
SECTION A-A



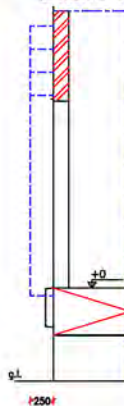
DETAIL B

FRONT VIEW

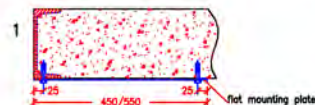
B



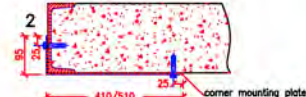
SECTION B-B



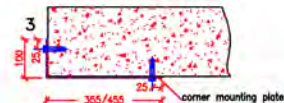
DETAIL A



mounting on brickwork/concrete with flat mounting plate

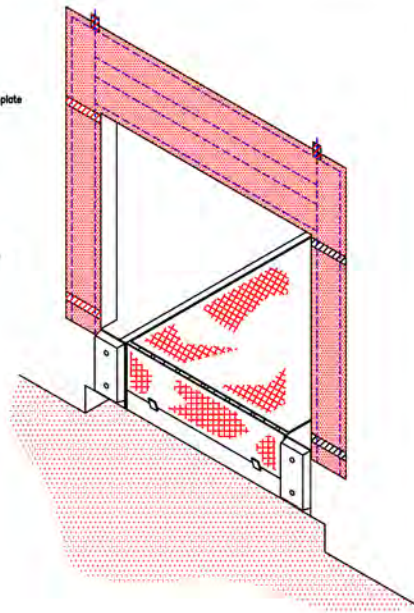


mounting on brickwork/concrete with corner mounting plate



mounting on brickwork/concrete with corner mounting plate

DETAIL B



- NOTE:**
- The mounting surfaces of the dock seals must be levelled and in line.
 - In case of adjustable top pad the free room above has to be at least 150mm.

YOUR DIMENSIONS :		OW	OH	PD	W	H	MH	PH	OL	FS	FA
ITEM :	TYPE :										
ITEM :	TYPE :										
ITEM :	TYPE :										
Wall structure : (1-3)		otherwise :									

UNITS in mm

OW = Overall width

OH = Overall height

PD = Projection depth

W = Door width

H = Door height

MH = Mounting height

PH = Platform height

OL = Overlap

FS = Free side room = min.75

FA = Free room above = min.75

WORK TO BE CARRIED OUT BY CUSTOMER,
UNLESS IN ADVANCE OTHERWISE IS AGREED IN WRITING.

Constructional :

- Supply necessary mounting surface and free room as shown.

- NECESSARY MOUNTING SURFACE
- NECESSARY FREE SIDE ROOM

Ellickson Doors

Unit 27F, 3rd Cross Roads Business Park, Walsford
TEL: 0151-336451 MOB: 087 285886, 087 336443

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES DO NOT SCALE DRAWING		DRAWING TITLE Installation Drawing Adjustable Dock Seal	
DESIGNED BY A. D. Brien	DATE 27-10-08	STORAGE REFERENCE:	JOB REFERENCE
CHECKED BY		DRAWING NO. DC-QF-02	