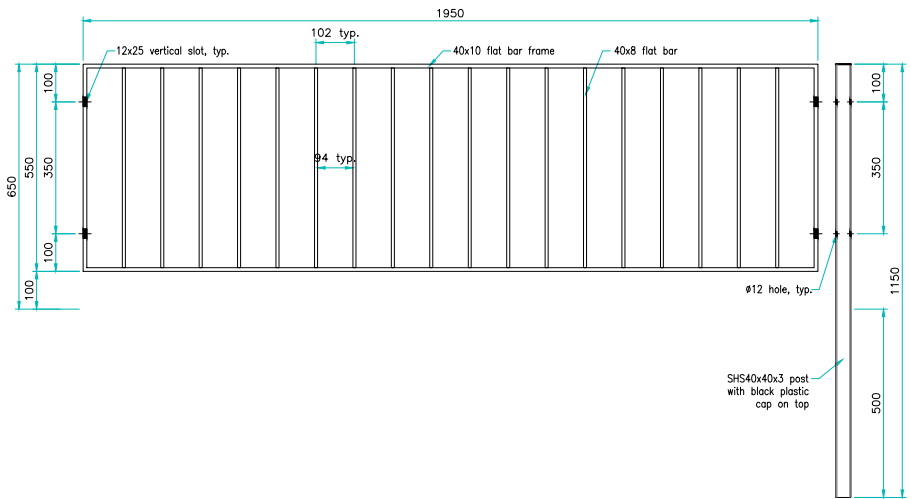
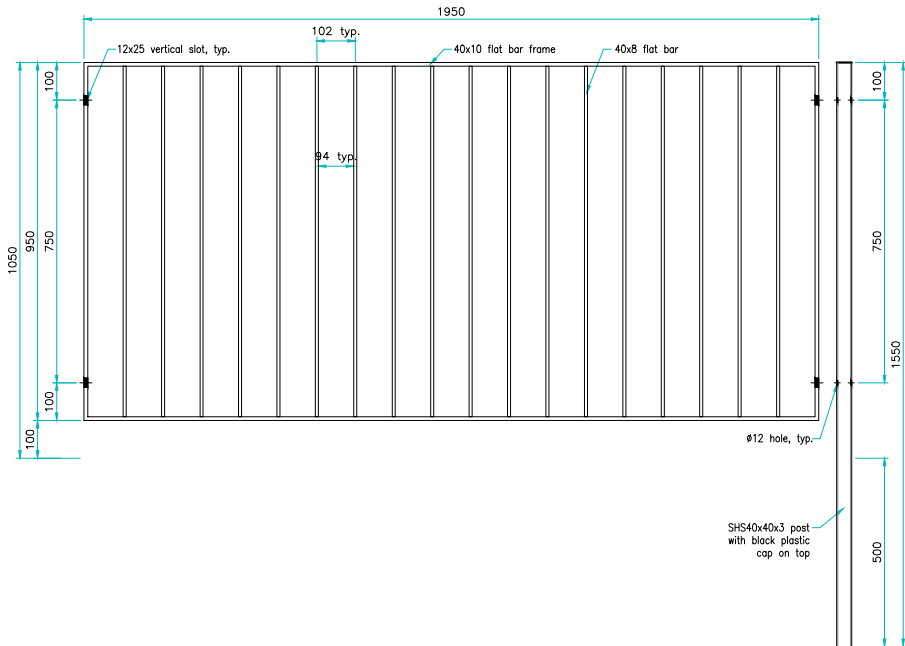
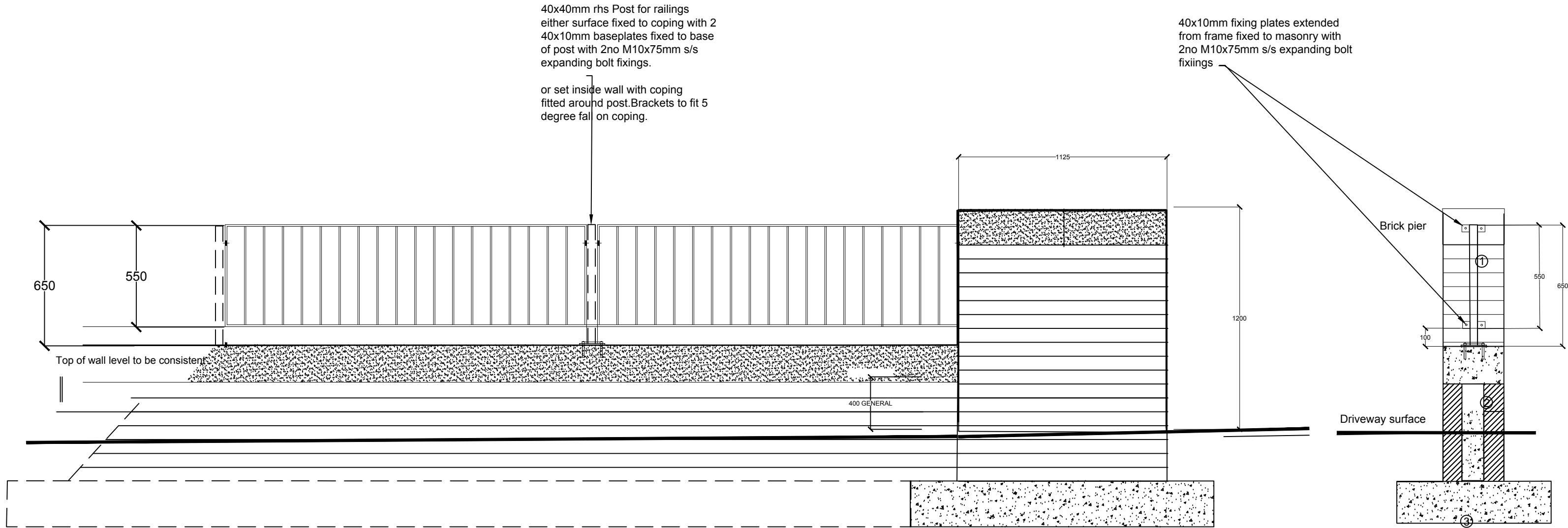




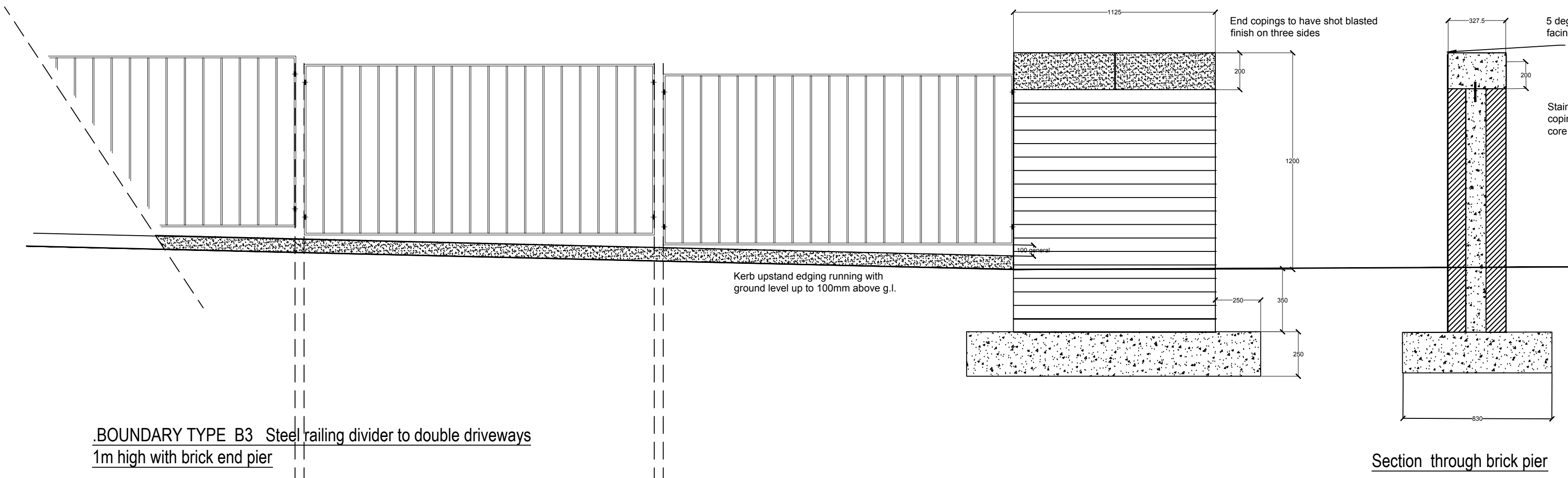
Wall mounted railing panel



Free standing railing panel



BOUNDARY TYPE B4 Brick wall with end pier and wall mounted railing panel



BOUNDARY TYPE B3 Steel railing divider to double driveways 1m high with brick end pier

Wall mounted steel railing Section

Section through brick pier

FREESTANDING PIER DETAIL
BRICKWORK
Facing bricks to be confirmed 65mm thick to match housing facing bricks.
BS 3921 Clay Brick
Bond pattern to be stretcher
Pointing to facing bricks : Bucket Handle to horizontal joints / Flush to vertical joints
Mortar mixes : light colour cement to match housing finish : lime : sand mortar
copings - class1 mortar mix 1 : 1 : 4
body bricks - class 2 mortar mix 1 : 1 : 6
below ground - class 1 mortar mix 1 : 0.25 : 3
Class B Engineering bricks for base courses below ground level
BS3921 : 1974(min strength 20N/sq.mm)
Cavity infill high slump C30 concrete with maximum aggregate size of 10mm(conc infill in 750mm lifts max.)Mesh reinforcement to footing A393 with 40mm cover and 400mm laps.
COPING
Precast coping cast in sections 555mm length, 5" pitch to top of coping-fcing inside to gardens.
Light Shot blasted textured finish in natural colour.
Joints 5mm on upper surface 1:1:4 cement/lime/sand.10mm bed.
Fixings : non-ferrous or stainless steel cramps or dowel fixings grouted into base of each coping unit 2 per unit set 100mm into lean mix conc infill
Suppliers Forticrete or similar approved-sample to be approved on site.

SPECIFICATION NOTES-RAILINGS

WELDING
All welds to be seam or fillet welds with any blobs or irregularities ground down prior to galvanizing

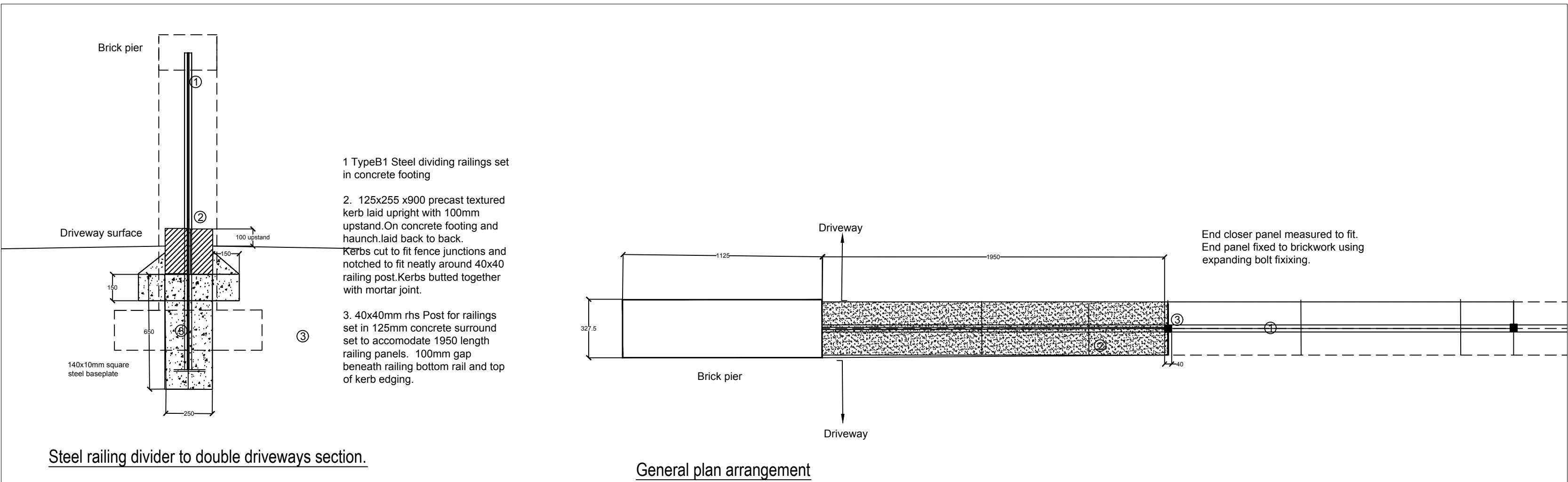
GALVANIZING
All fabricated steelwork elements to be hot dip galvanized in accordance with B.S. 729.
Post galvanizing all runs, blobs, blisters & other surface blemishes, warps or irregularities.
No welding to be carried out after galvanizing

POWDER COATING
Following galvanizing metalwork to be degreased and prepared to mfrs. spec.colour RAL 7015 Dark Grey

FIXINGS

Free standing railings set on 40x40 RHS post as per detail, fixings stainless steel anti vandal.
End panels expanding bolt fixing to brickwork.
Post fixings to wall mounted railings to be set into core of brick work or surface fixed with an approved bracket and collar to coping. Fixing method to be agreed.
All fixings stainless steel.

Frame-40x10mm flat bar /40x8mm vertical infill @102mm typical centres.
50mm general gap above wall or ground level.



Steel railing divider to double driveways section.

General plan arrangement

TYPE B3 Free Standing Railing and Edging arrangement with Brick pier at back of pavement 1:20

Construction issue

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DRAWING TITLE	B3/B4 Railings and Brickwork to Houses		
DRAWING No	1907/c/105		
PROJECT	Downley Drive		
CLIENT	Great Places/Rowlinson		
SCALE	1:20 @ A 1	REVISION	
DATE	July 2022	REVISED	
DRAWN	PG	CHECKED	SM