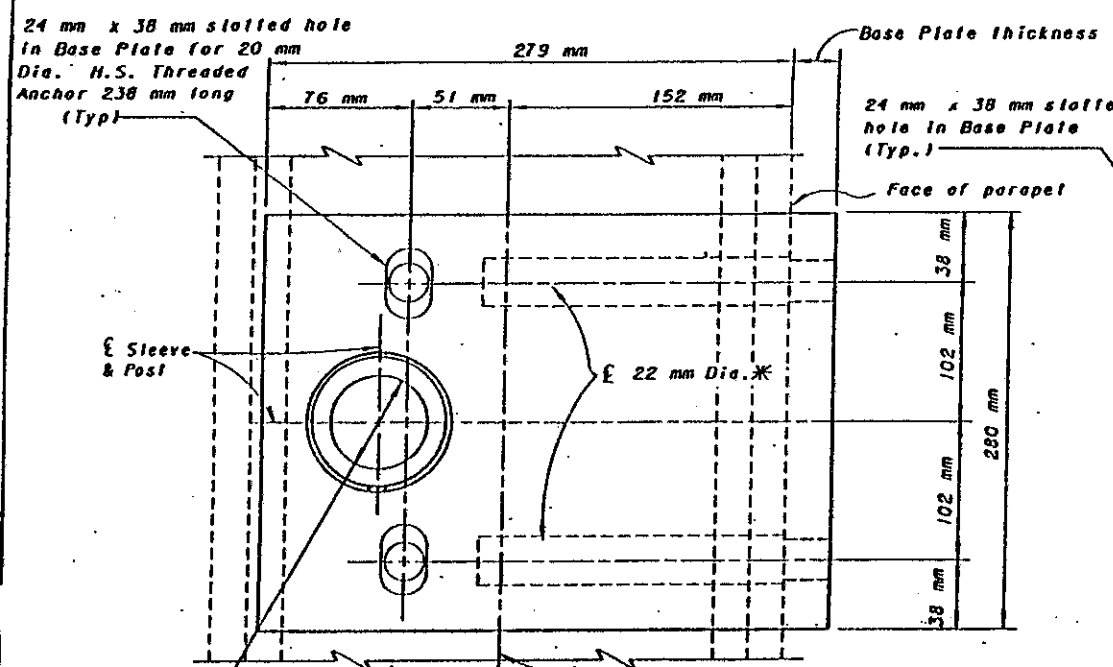
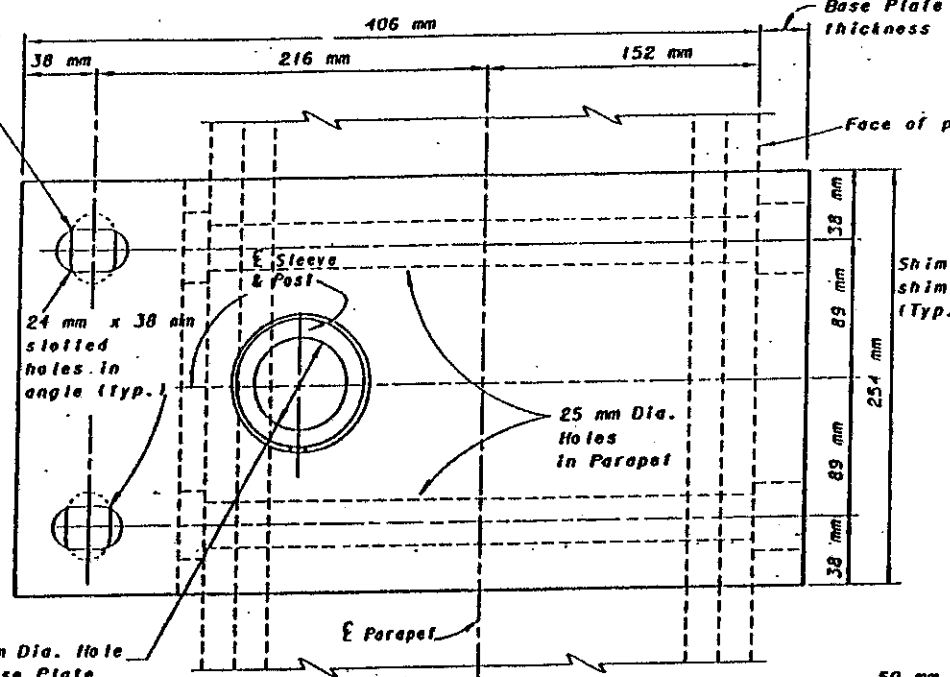


RETROFIT BASE PLATES FOR FENCE POSTS



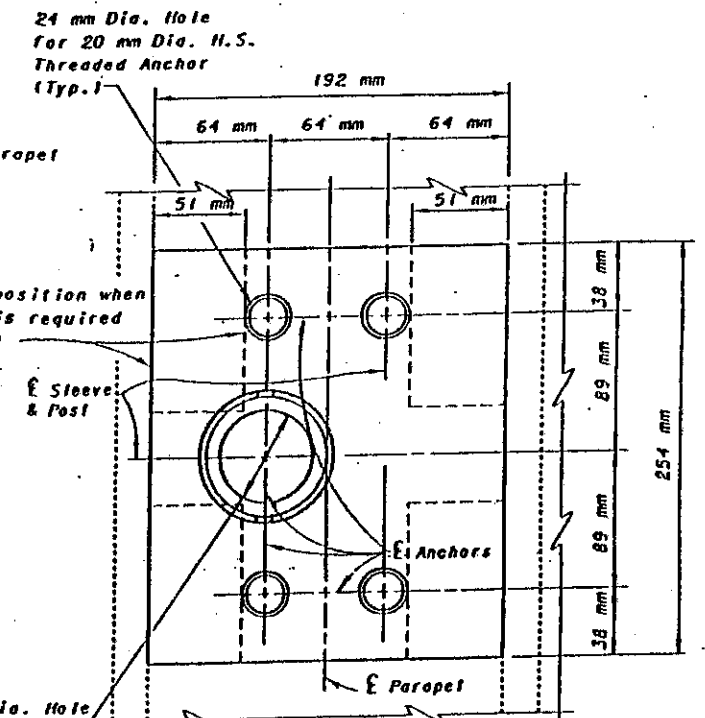
PLAN BP-3

Notes: Top rail for BR-1-65 Railing with Type 2 posts not shown.



PLAN BP-4

SHIM PORTIONS, POST AND SET SCREW NOT SHOWN



PLAN BP-5

SHIM PORTIONS SHOWN

24 mm x 38 mm slotted hole in Base Plate for 20 mm Dia. H.S. Threaded Anchor 238 mm long (Typ.)

Base Plate thickness

24 mm x 38 mm slotted hole in Base Plate (Typ.)

Face of parapet

50 mm Dia. Hole in Base Plate

* Holes for 20 mm Dia. Vinylster Flush Inserts (Inserts, Bolts and Washers not shown)

SHIM PORTIONS, POST AND SET SCREW NOT SHOWN

Existing bottom or single rail shall not be removed.

24 mm x 38 mm slotted holes in angle (Typ.)

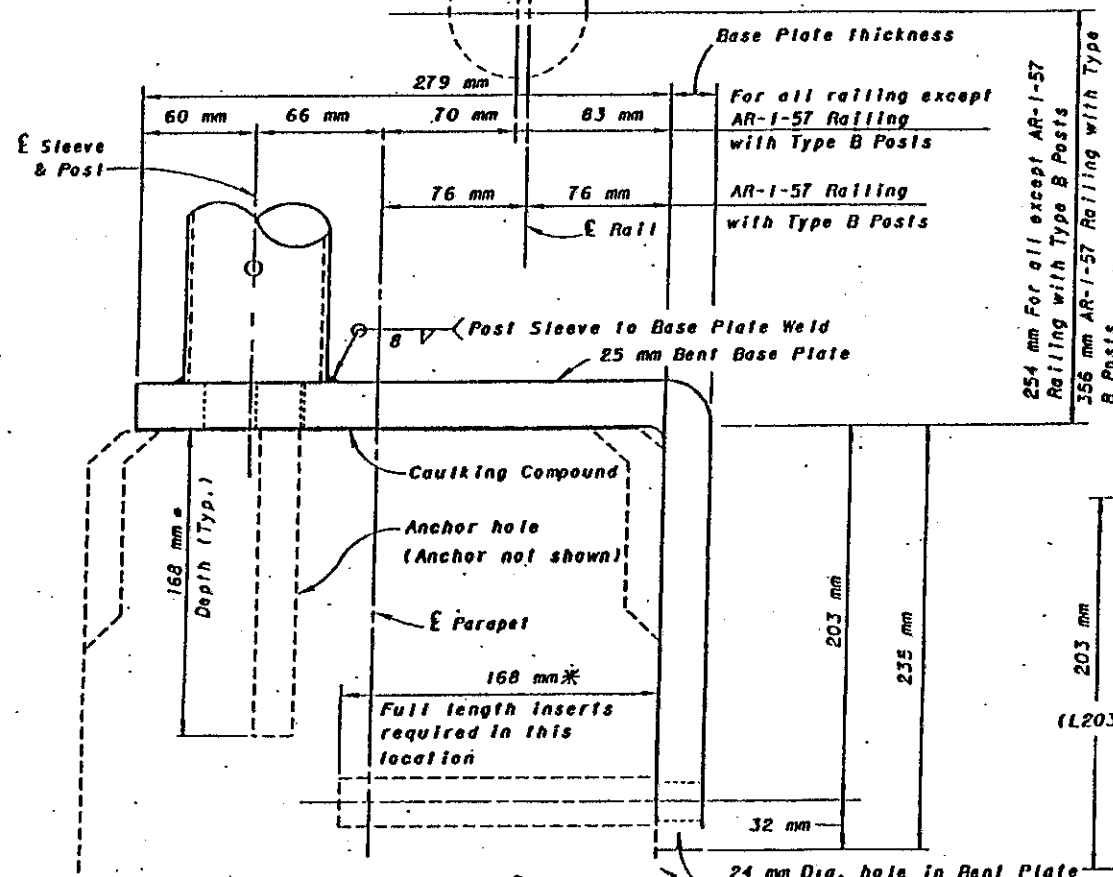
25 mm Dia. Holes in Parapet

50 mm Dia. Hole in Base Plate

24 mm Dia. Hole for 20 mm Dia. H.S. Threaded Anchor (Typ.)

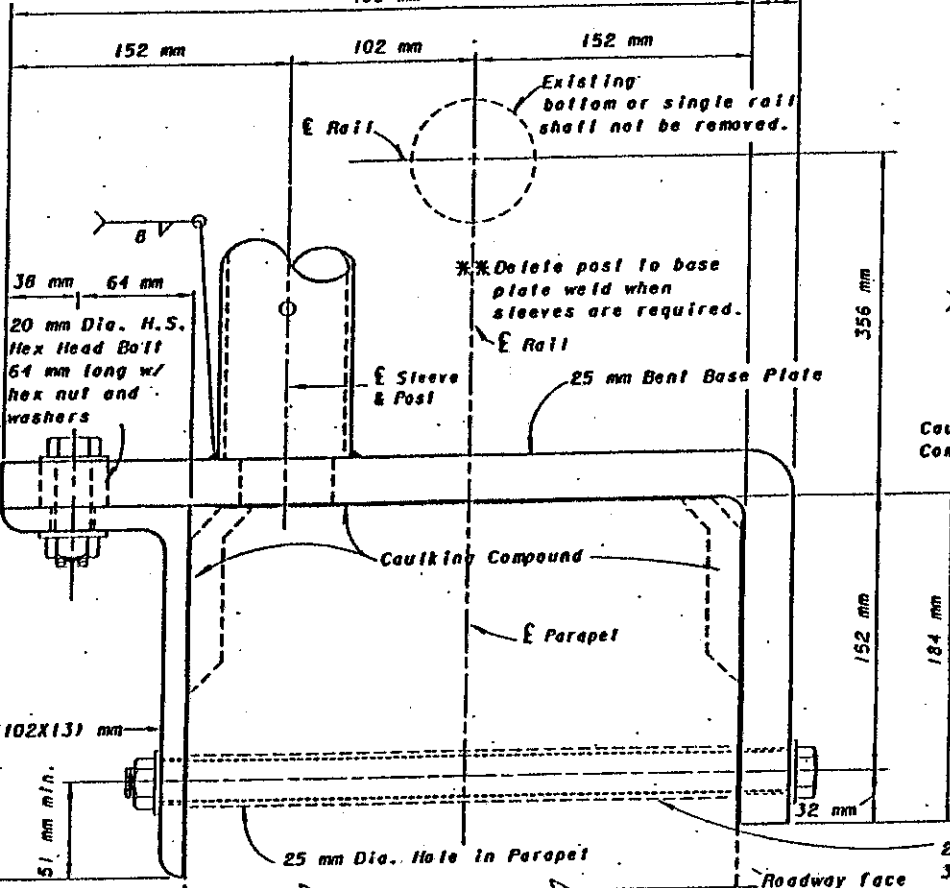
Shim position when shim is required (Typ.)

50 mm Dia. Hole in Base Plate



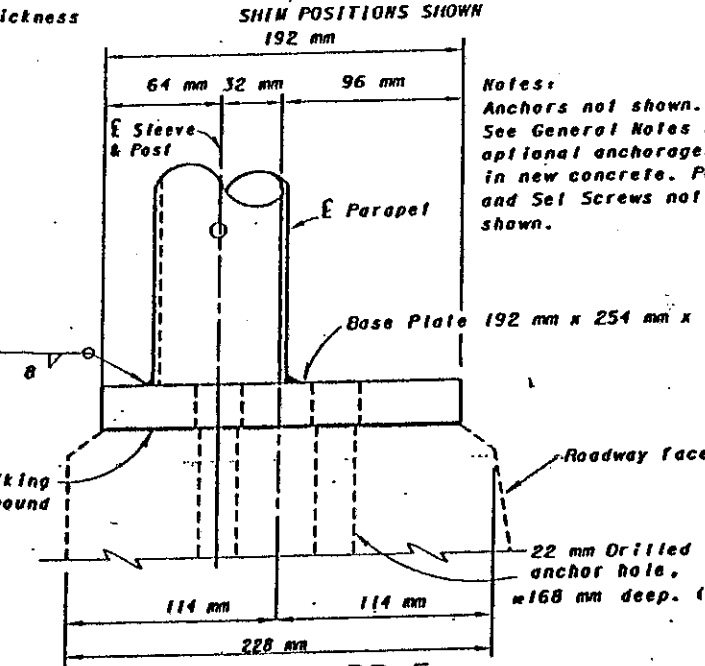
END VIEW BP-3

24 mm Dia. hole in Bent Plate for 20 mm Dia. H.S. Bolts 57 mm long, 35 mm min. threaded length with washers (2 Required)



END VIEW BP-4

Base Plate shall be used on concrete parapet with aluminum railing as shown on Standard Drawing AR-1-57 with Type A and C posts. Existing aluminum rail shall not be removed. Base Plate requires a sleeve. See Sleeve Details on Sheet [37].



END VIEW BP-5

Base Plate shall be used to connect fence post to existing BR-1-67 parapet and existing or new BR-1 deflector parapet when 1850 mm fence is specified. Base Plate requires a sleeve. See Post Sleeve Details on Sheet [37].

Base Plate shall be used on concrete parapet with aluminum railing as shown on Standard Drawings BR-2-82, BR-2-67, BR-1-65 with Types 1 & 2 posts, and AR-1-57 with Type B posts. Existing aluminum rail shall not be removed. Base Plate requires a sleeve. See Sleeve Details on Sheet [37].

* or as recommended by the fastener manufacturer. Inserts shall be approved by the Director.

DESIGN AGENCY	BUREAU OF BRIDGES AND STRUCTURAL DESIGN		
STATE OF OHIO DEPARTMENT OF TRANSPORTATION	ENGINEER OF BRIDGES	DATE	8-20-95
STANDARD DRAWING	PREPARED	CHECKED	REVISED
VANDAL PROTECTION FENCE BASE PLATES WHEN RAILS ARE NOT REMOVED	JCR	RLD	WTF/LMW
RAILS ARE NOT REMOVED	GFJ/RJS	VPF-1-90H	DRAWING NO.
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