

IRC: 25-1967

**TYPE DESIGNS  
FOR  
BOUNDARY STONES**



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1996**



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## **TYPE DESIGNS FOR BOUNDARY STONES**

### **1. INTRODUCTION**

The type designs for boundary stones, as shown in the Plate, were prepared by the Specifications and Standards Committee (personnel given on inside front cover) and were approved by the Executive Committee in their meeting held on the 21st August, 1967. These were finally approved for publication by the Council in their meeting held at Nainital on the 30th September, 1967.

### **2. MATERIALS**

Boundary stones shall be of locally available hard stone, well-dressed or of reinforced cement concrete.

### **3. SPECIFICATION**

#### **3.1. Location and Spacing**

Boundary stones shall be fixed on either side of the road land opposite every 200-Metre Stone and Kilometre Stone. In addition these shall be fixed at all angular points of the boundary. Where the boundary is on a curve or the land is costly and likely to be encroached upon, these shall be planted closer, as necessary in each case.

#### **3.2. Inscription**

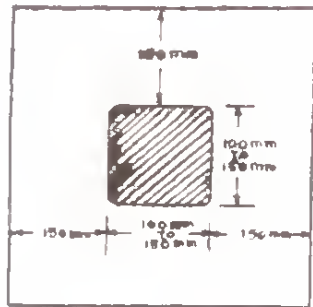
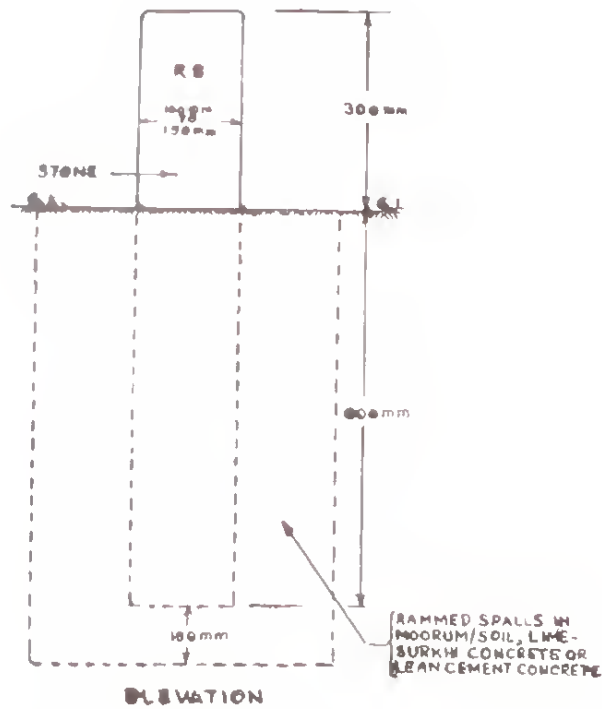
The letters R B, indicating road boundary, shall be inscribed on each stone and below it the name of the Authority in which the road land vests, i.e., P.W.D., D.B., etc.

#### **3.3. Mode of Fixing**

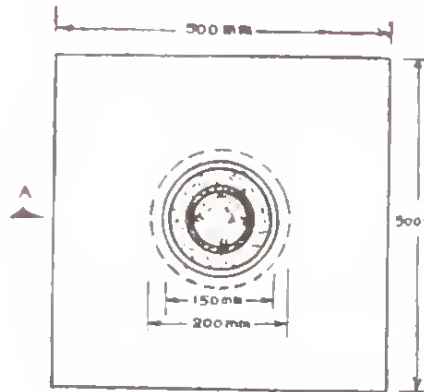
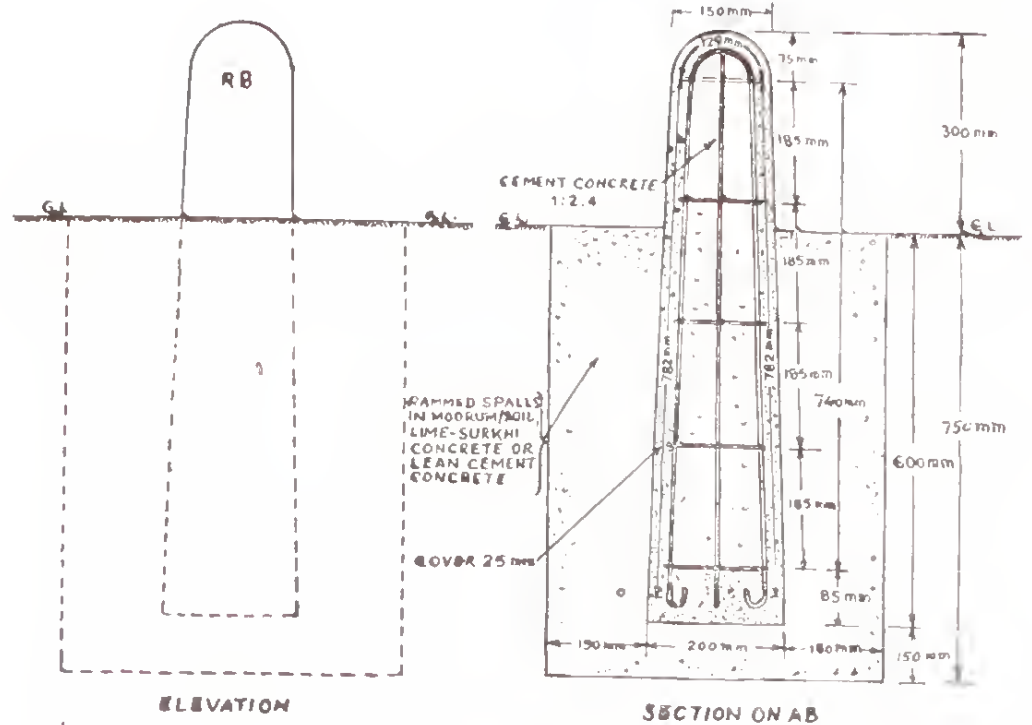
Boundary stones shall project 300 mm above ground with the lower 600 mm going into the foundation. Where the natural soil at the base is good, the stones may be fixed in position by

ramming spalls and moorum or soil all round. But these have to be encased in at least 150 mm of lime surkhi concrete, or lean cement concrete in the following cases :

- (i) Where wet cultivation abuts the road land and boundary stones are apt to be displaced during agricultural operations;
  - (ii) Where the road runs in built-up areas; and
  - (iii) Where the boundary stones are intended to serve as permanent land marks.
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TYPE DESIGN WITH STONE AS MATERIAL



**PLAN**

TYPE DESIGN WITH R.C.C. AS MATERIAL

BAR BENDING SCHEDULE					
S.No	TYPE OF NO. BAR	NO. OF BARS	SHAPE OF BARS	DIA IN mm	LENGTH OF BAR INCLUDING HOOKS
1	MAIN BARS	2	U	6 mm	184 mm
2	TOPMOST STIRRUP	1	⊙	6 mm	370 mm
3	STIRRUP (FIRST FROM TOP)	1	⊙	6 mm	405 mm
4	STIRRUP (SECOND FROM TOP)	1	⊙	6 mm	440 mm
5	STIRRUP (THIRD FROM TOP)	1	⊙	6 mm	475 mm
6	BOTTOMMOST STIRRUP	1	⊙	6 mm	510 mm

## TYPE DESIGNS FOR BOUNDARY STONES

Scale: 1:100 (0 to 420 mm)



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