

AMENDMENT NO. (I)

PARA 5.4.1 - In sub para 5.4.1 of TC. 42 following sub para is required to be added below sub para 5.4.1.2 regarding provision of longitudinal drain and inner cross drain.

“ 5.4.1.3 – Inner Longitudinal drain and inner cross drain-


When the suitable filter material is not available in the required quantity at reasonable cost, a network of inner longitudinal drain and inner cross drain is preferred to inclined/vertical filter and horizontal filter. The filter is generally provided only in the nalla portion of small dam to make design economical. In the flanks a typical arrangement of longitudinal drain and inner cross drain as shown in plate I is to be provided.”


AMENDMENT NO. (II)

PARA 5.7 – Para 5.7 of TC 42 shall read as para given below-

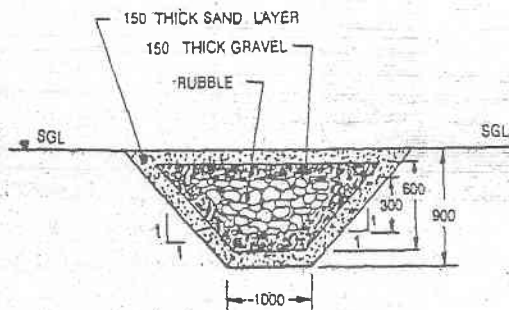
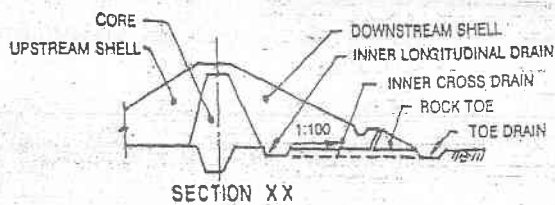
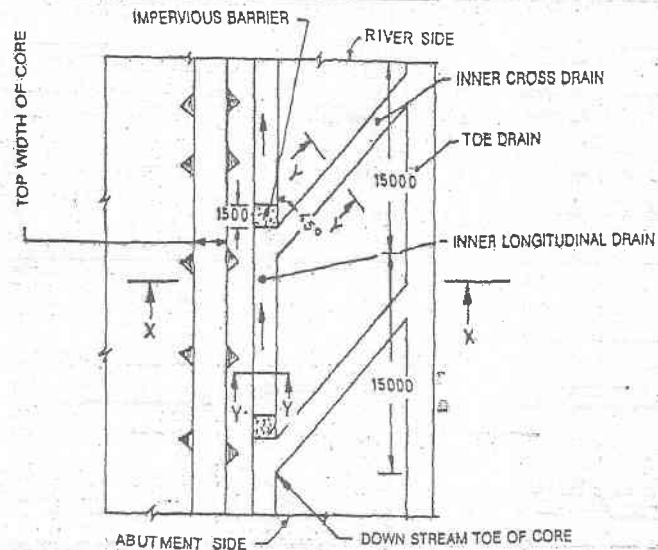
“5.7 Toe-Drain

It collects water seeping through body of the dam and leads it to natural drainage system. Longitudinal and cross drains beyond the toe drains are sometimes provided when out-fall conditions are poor. Toe drain is usually provided as a part of rock-toe i.e. hidden below rock-toe, but in this position, it does not facilitate visual inspection, thus it is preferable to provide the toe drain outside the toe of rock. The details of rock toe and toe drain are shown in attached revised drawing plate II.”

  
( S. K. KHARE )  
Chief Engineer ( BODHI )  
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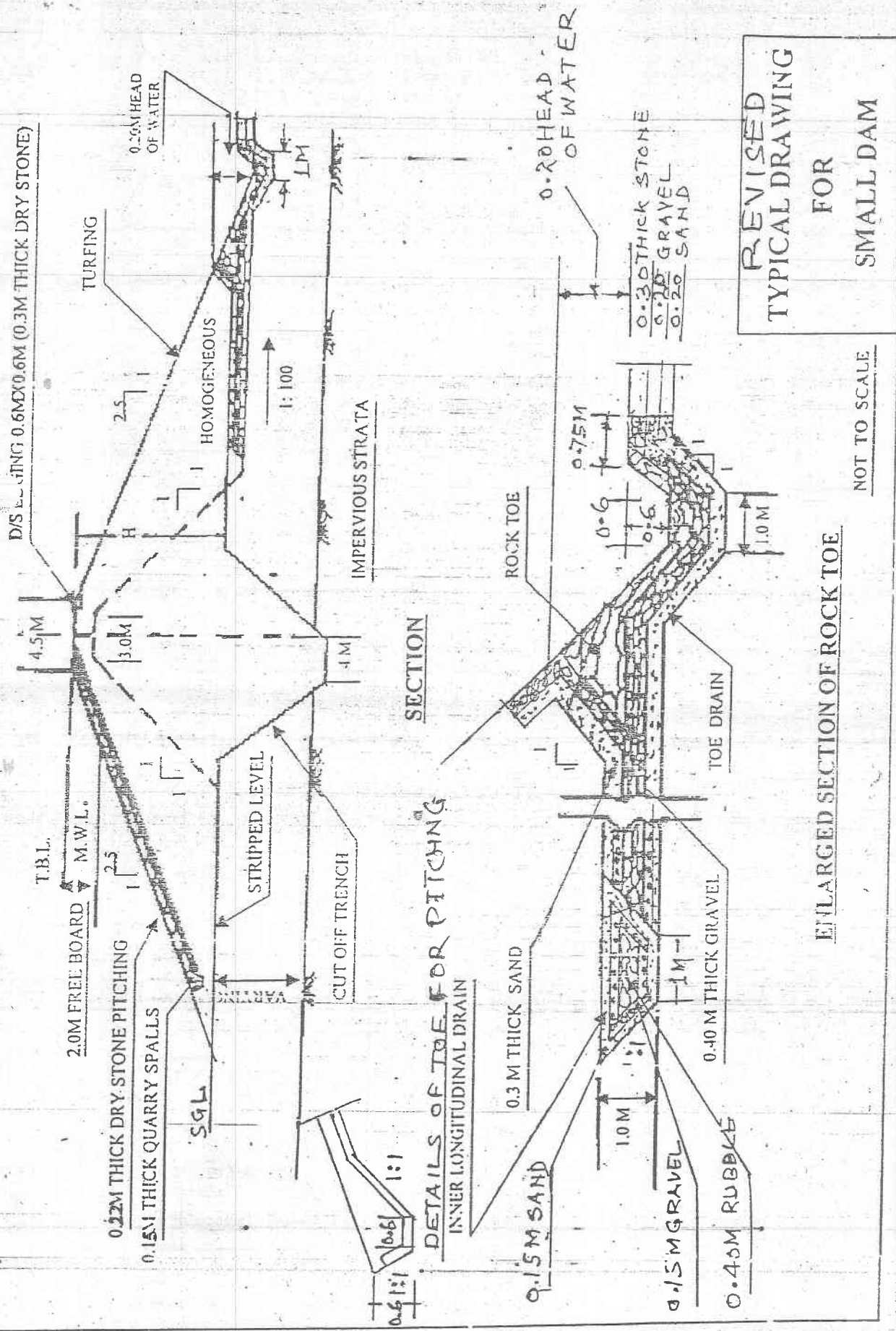
  
(M. G. CHOUBEY)  
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# PLATE-I



All dimensions in millimetres.

GENERAL ARRANGEMENT OF INNER LONGITUDINAL AND INNER CROSS DRAINS



REVISED  
TYPICAL DRAWING  
FOR  
SMALL DAM

NOT TO SCALE

ENLARGED SECTION OF ROCK TOE

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PLATE-III