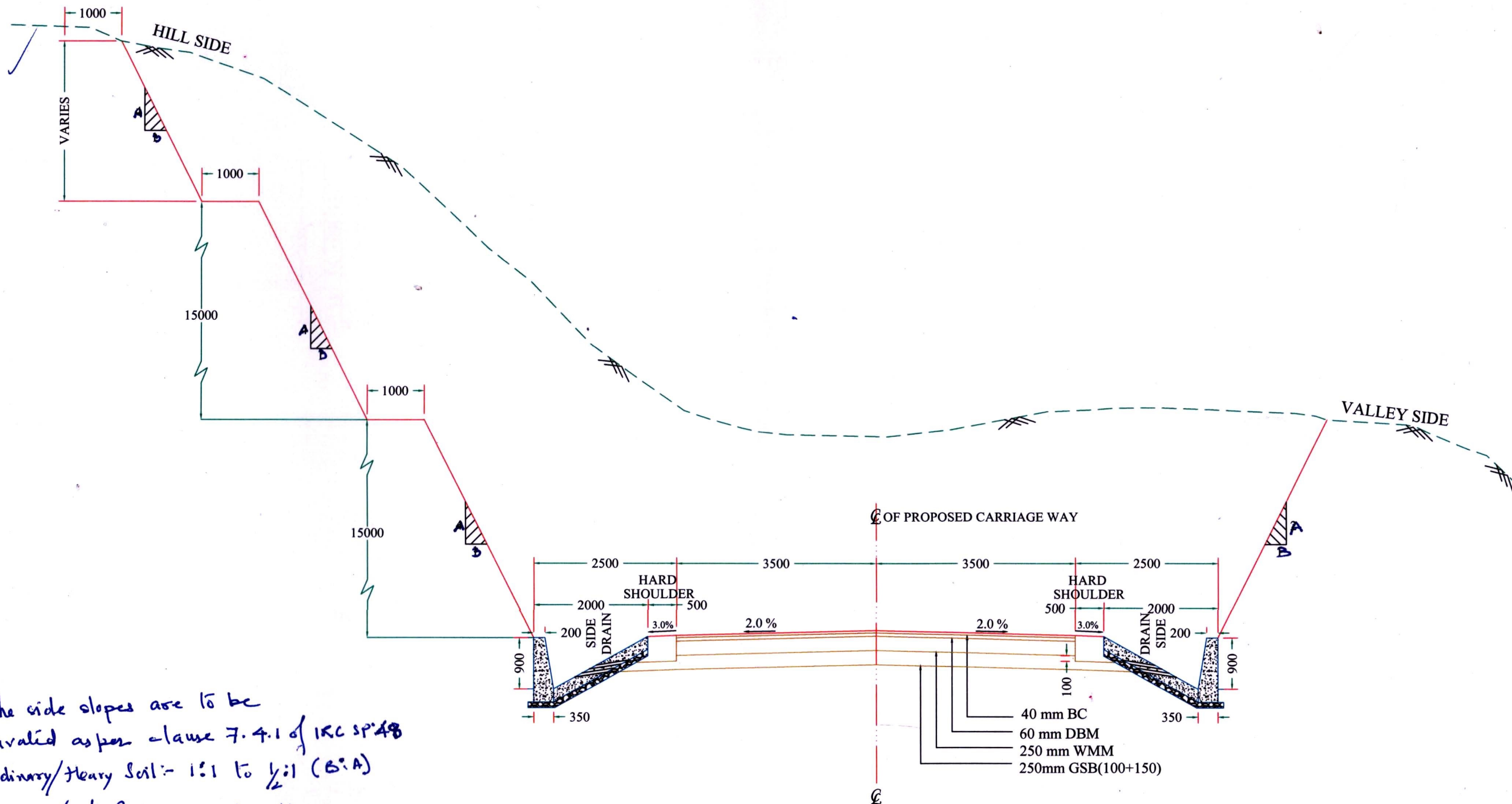




The side slopes are to be excavated as per clause 7.4.1 of IRC SP:48

Ordinary/Heavy Soil:- 1:1 to 1/2:1 (B:A)

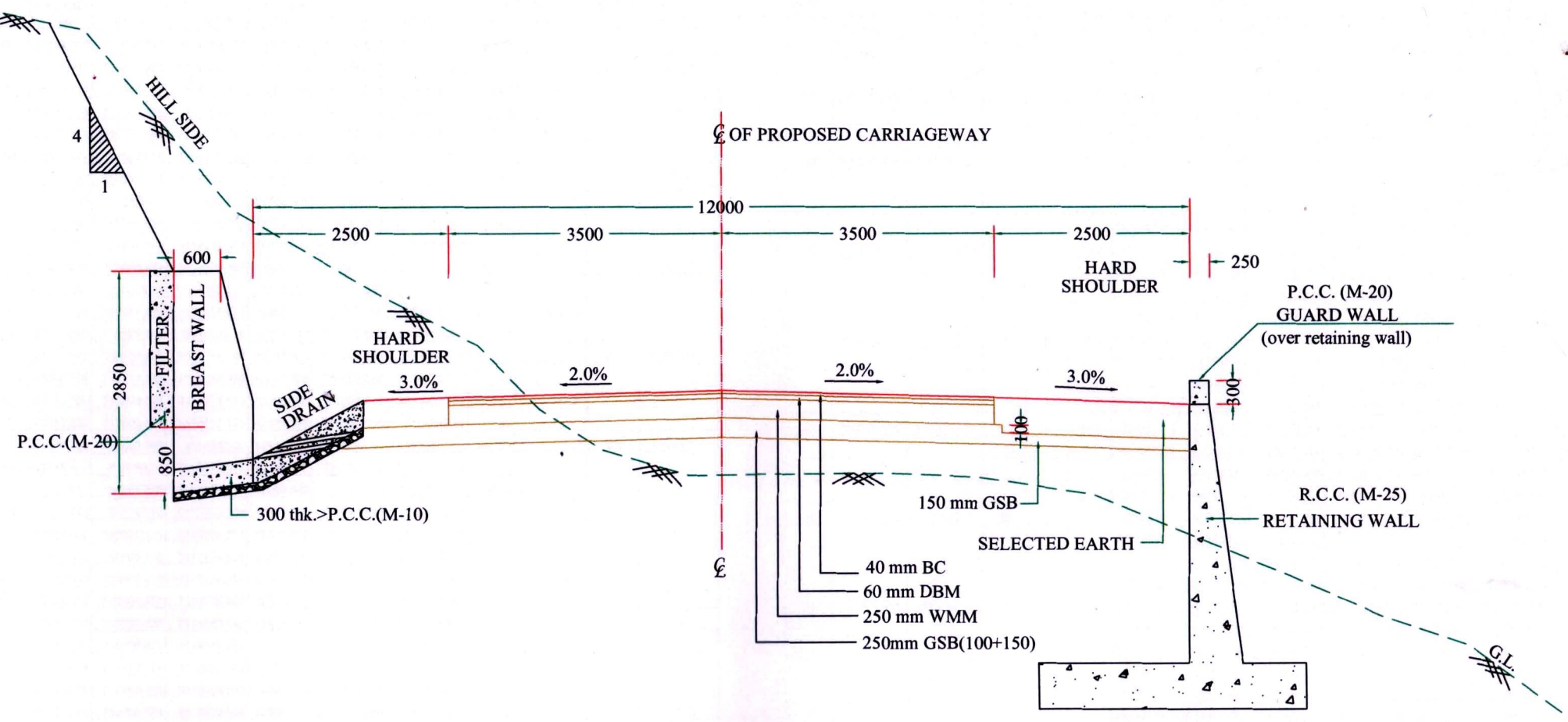
Ordinary/Soft Rock:- 1/4:1 to 1/8:1

Hard Rock:- As per table 11.3 of IRC SP:48

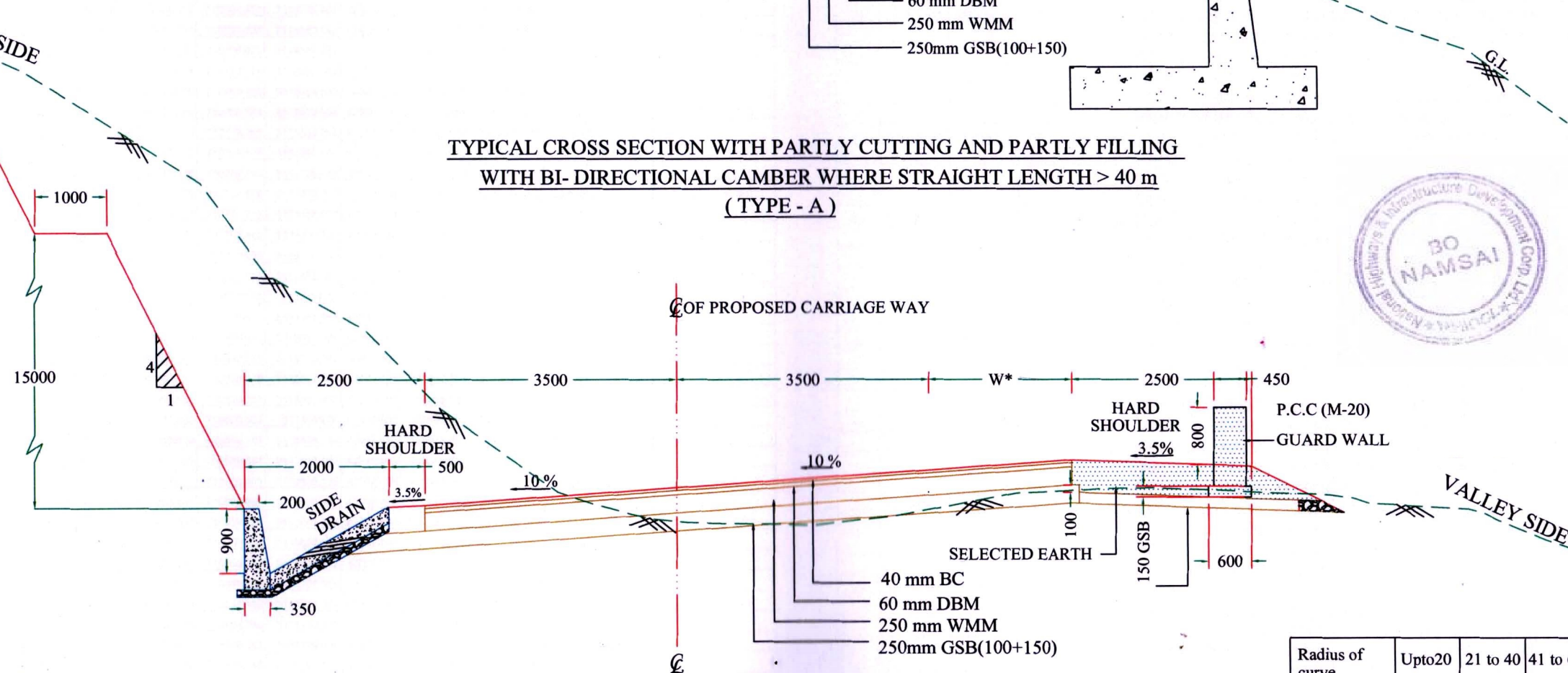
TYPICAL CROSS SECTION WITH BENCHED CUTTING ON BOTH SIDES

(FOR CUTTING HEIGHTS MORE THEN 15M)

(TYPE - B)



**TYPICAL CROSS SECTION WITH PARTLY CUTTING AND PARTLY FILLING
WITH BI-DIRECTIONAL CAMBER WHERE STRAIGHT LENGTH > 40 m
(TYPE - A)**



**TYPICAL CROSS SECTION WITH BENCHED CUTTING ON HILL SIDE
IN SUPER ELEVATED SECTIONS ON CURVE WITH WIDENING AT VALLEY SIDE
(FOR CUTTING HEIGHTS MORE THEN 15M)**



Dwastan

Radius of curve	Upto 20	21 to 40	41 to 60	61 to 100	100 to 300	Above 300
Extra width (m) for two-lane "W"	1.5	1.5	1.2	0.9	0.6	Nil