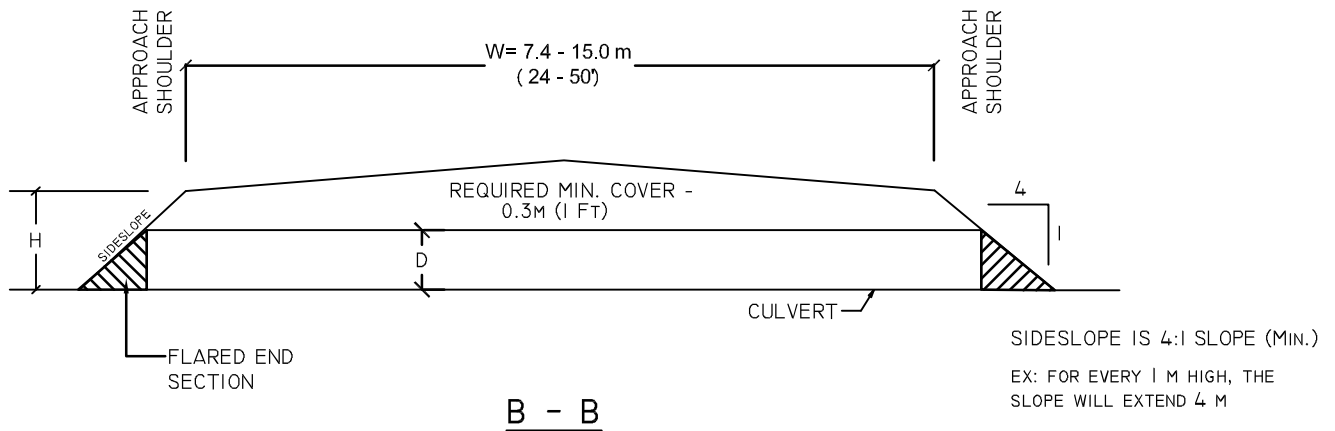


# APPROACH WITH CULVERT



**B - B**

CULVERT LENGTH:  $L = W + 8 (H-D)$

EXAMPLE: 10M WIDE APPROACH, 1.0M HIGH WITH A 500MM CULVERT

WHERE:

W = WIDTH OF APPROACH

H = HEIGHT OF APPROACH

D = DIAMETER OF CULVERT

L = LENGTH OF CULVERT NEEDED

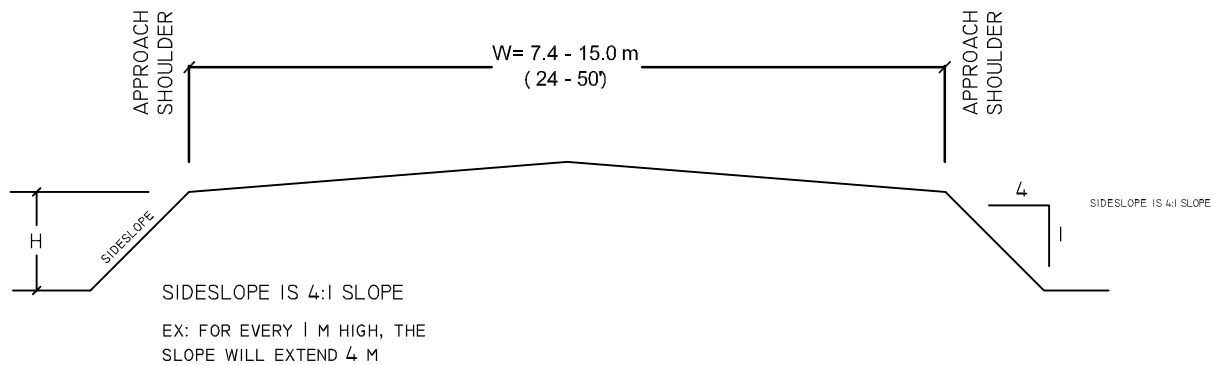
$L = W + 8 (H-D)$

$L = 10 + 8 (1.0M - 0.5M)$

$L = 14M$

# APPROACH WITH NO CULVERT

CROSS SECTION B - B



**B - B**



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STANDARD APPROACH  
CROSS SECTION B-B

3.12

2 OF 2

DRAWN

RJB

SCALE

N.T.S.

DATE

MAY 2012