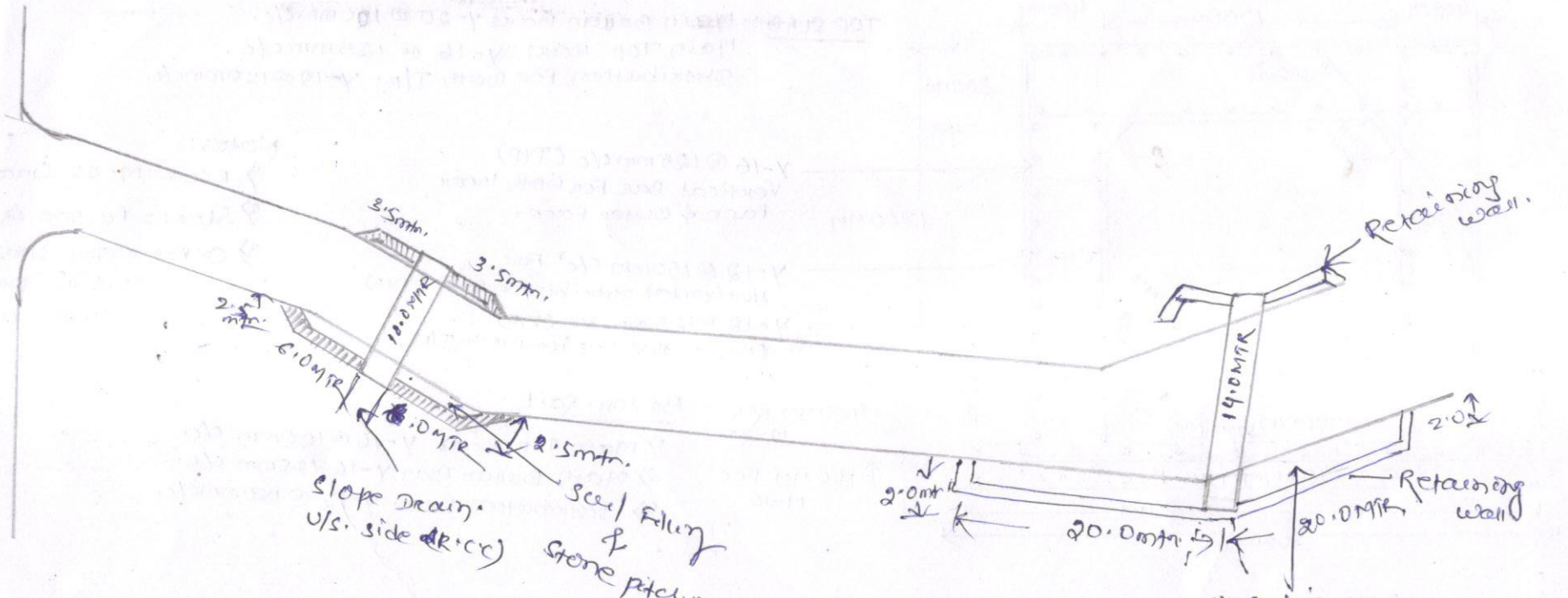
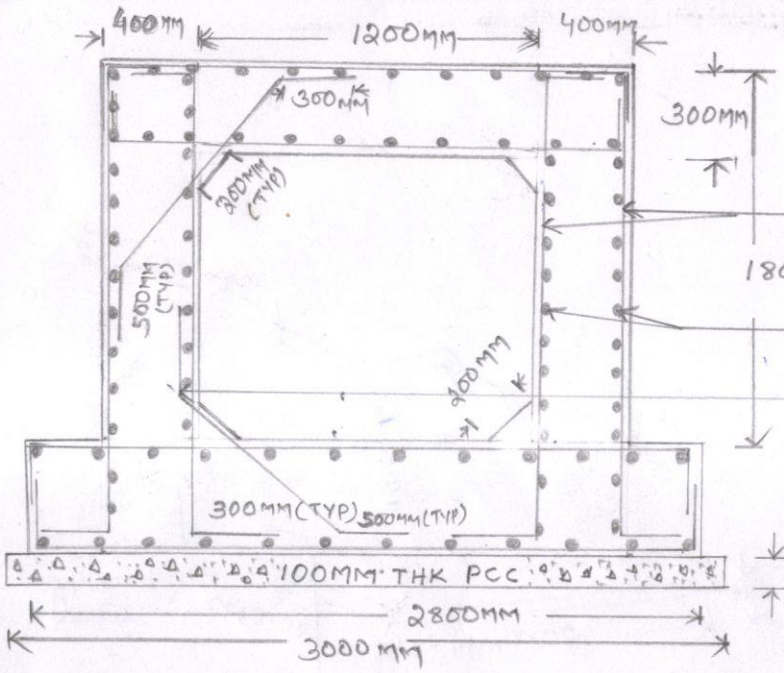

2.5mtr.
3.5mtr.
2.0 mtr.
6.0MTR
10.0MTR
8.0MTR
2.5mtr.
14.0MTR
2.0mtr
20.0mtr
20.0MTR
2.0
Retaining wall.
Retaining wall
Slope Drain.
U/s. side R.C.C)
Soil Filling
&
Stone pitching (Stone Rubble Masonary).
1) Soil Backfilling
2) Stone pitching / Rubble masonary
3) Culvert End Connect with R.C.C Drain upto U/s. NGL level.



BOX CULVERT

TOP SLAB :- Main Bottom Bars Y-20 @ 100mm c/c.
Main Top Bars Y-16 @ 125mm c/c.
Distribution For Both T/B - Y-12 @ 150mm c/c.

300mm

1800mm

Y-16 @ 125mm c/c (TYP)
Vertical Bar For Both Inner Face & Outer Face.

Y-12 @ 150mm c/c For Horizontal Distribution Bar (TYP)

Y-12 @ 125 mm c/c (TYP)
Corner Hanches For Both T/B

400mm RCC M-25

100 mm PCC M-10

Bottom Raft :-

1) Main Top Bars Y-16 @ 100mm c/c.
2) Main Bottom Bar Y-16 125mm c/c.
3) Distribution Bars Y-12 @ 150mm c/c.

Notes :-

1) RCC = M-25 Grade (OPC-53)
2) Steel = Fe 500 or Fe 550D
3) Cover = Top slab = 50mm
= Side walls = 40mm
= Bottom slab = 50mm

Signature Not Verified
Digitally signed by MANOJ KUMAR PRADHAN
Date: 2026.11.13 15:26:01 IST
Reason: Secure Document
Location: India