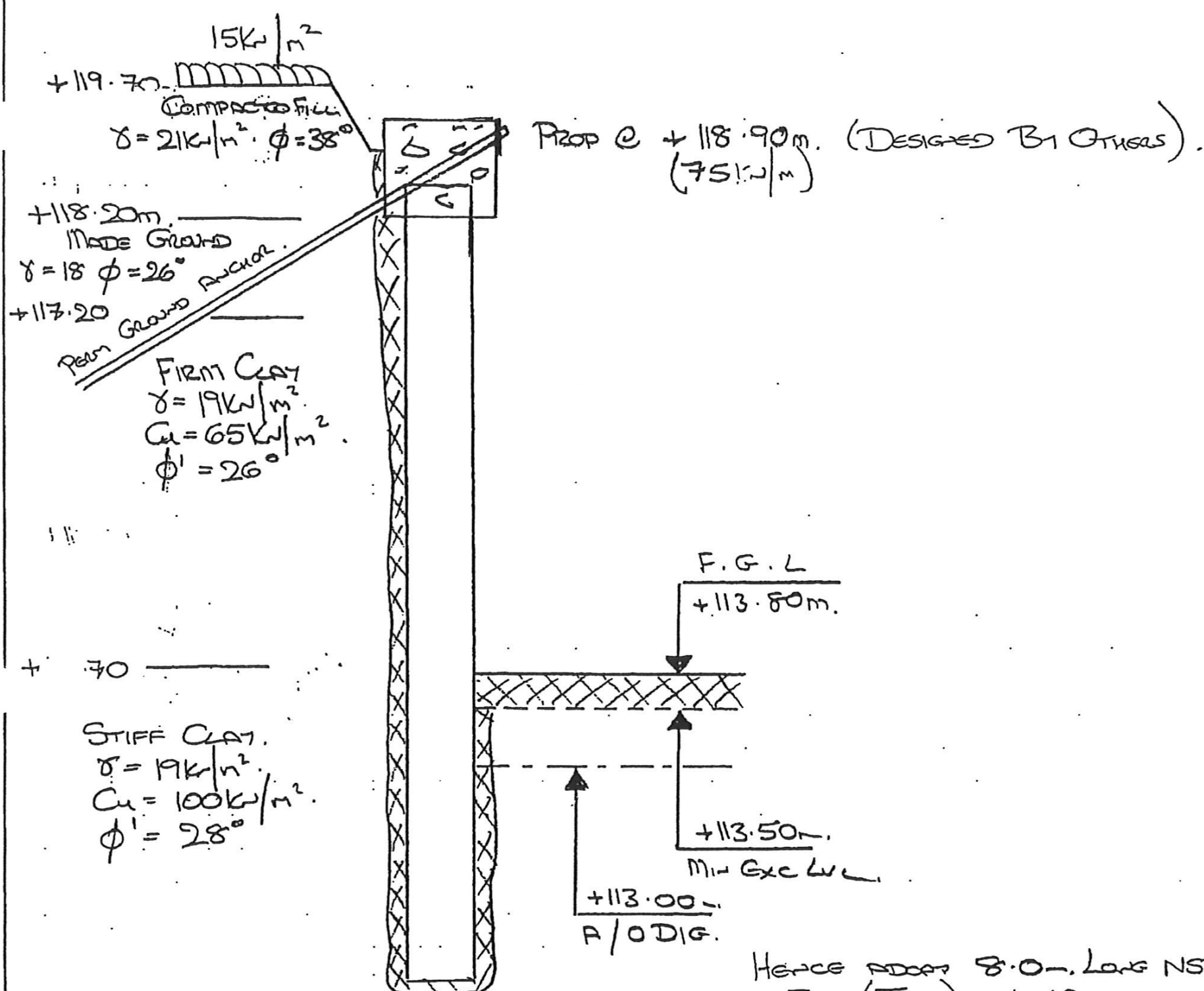


Original :	Rev. :	Drawing No :	Title : Design Section D.	Date : 6/5/09
Design by :	Date :	Checked by :	Date :	

PROPOSED DESIGN SECTION MAX H_T RETAINING = 5.90m.



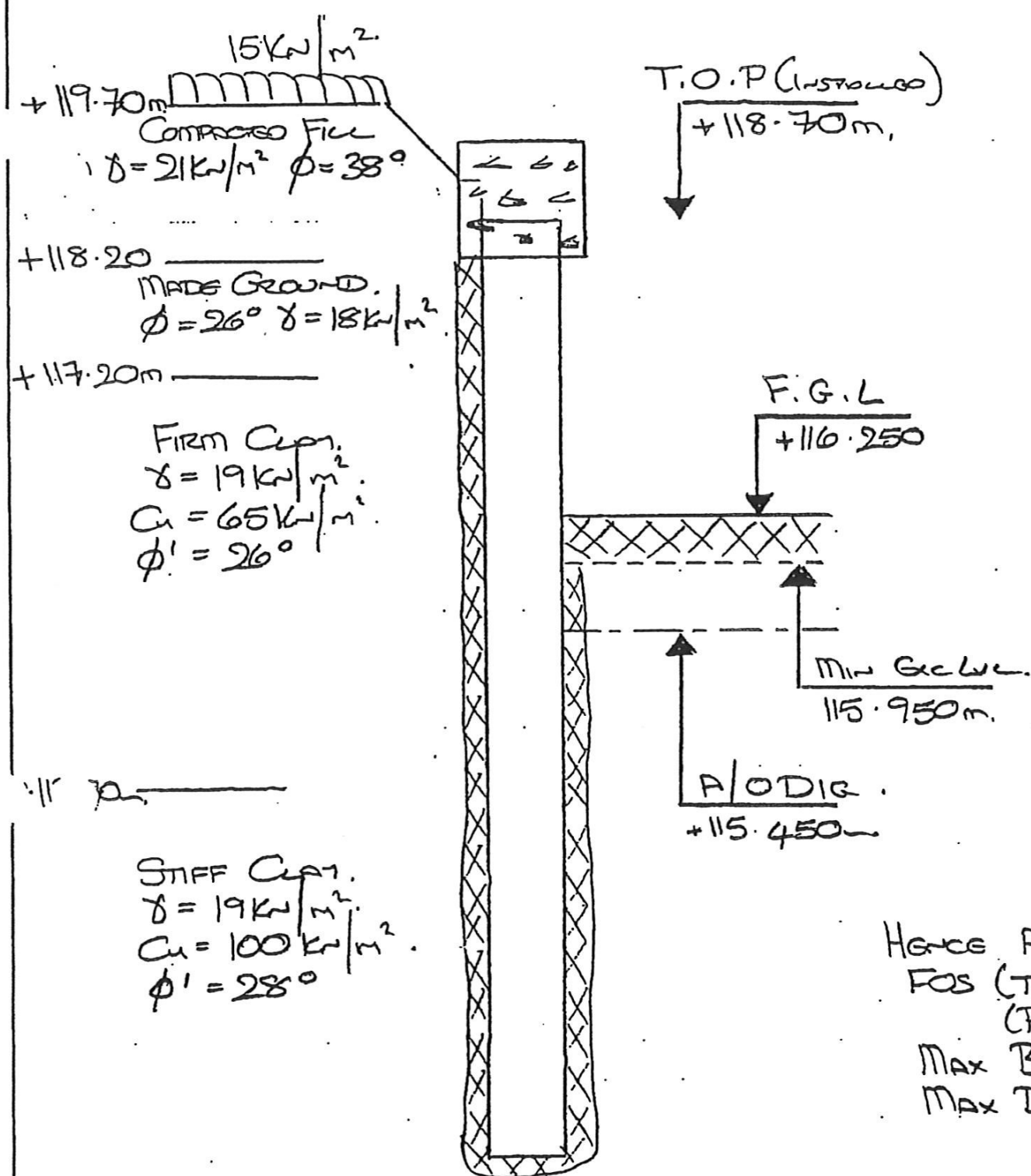
STIFF CLAY.
 $\gamma = 19 \text{ kN/m}^3$
 $C_u = 100 \text{ kN/m}^2$
 $\phi' = 28^\circ$

No Groundwater Encountered.

Hence adopt 8.0m Long NSF.III.W.
 FOS (Temp) = 4.12.
 (Perm) = 2.00
 Max BM = 151 kNm.
 Max Defl = 12mm.

Original :	Rev. :	Drawing No :	Title : DESIGN SECTION C.	Date : 6/5/09.
Design by :	Date :	Checked by :	Date :	

CANTILEVER DESIGN SECTION. MAX H_T Retaining = 3.45m.



Hence Adopt 9.0m Long NSP III. W.SSP
 FOS (Temp) = 3.90
 (Perm) = 2.55
 Max BM = 130 kNm
 Max Defl = 28 mm

No GROUNDWATER ENCOUNTERED.