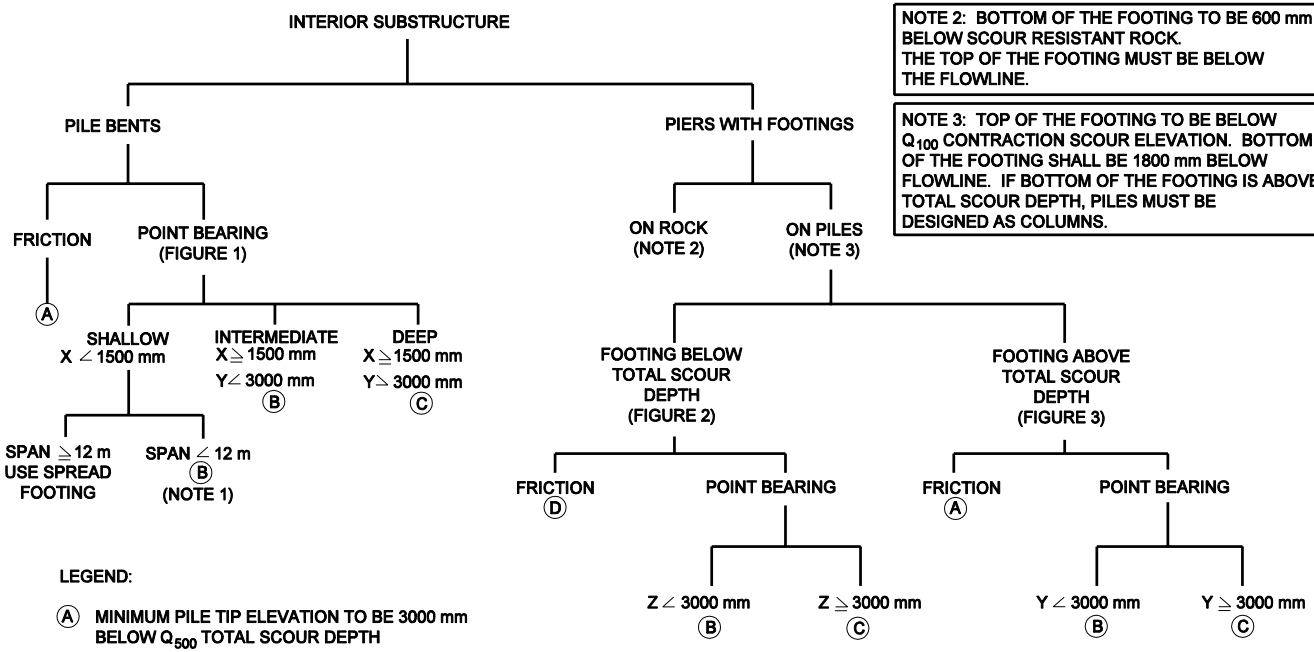
NOTE 1: BOTTOM OF THE PILE TO BE 1500 mm BELOW FLOWLINE.

NOTE 2: BOTTOM OF THE FOOTING TO BE 600 mm BELOW SCOUR RESISTANT ROCK. THE TOP OF THE FOOTING MUST BE BELOW THE FLOWLINE.

NOTE 3: TOP OF THE FOOTING TO BE BELOW Q_{100} CONTRACTION SCOUR ELEVATION. BOTTOM OF THE FOOTING SHALL BE 1800 mm BELOW FLOWLINE. IF BOTTOM OF THE FOOTING IS ABOVE TOTAL SCOUR DEPTH, PILES MUST BE DESIGNED AS COLUMNS.



LEGEND:

- (A) MINIMUM PILE TIP ELEVATION TO BE 3000 mm BELOW Q_{500} TOTAL SCOUR DEPTH
- (B) MINIMUM 900 mm CORE INTO SCOUR RESISTANT ROCK
- (C) DRIVE TO ULTIMATE BEARING IN ROCK
- (D) MINIMUM PILE TIP ELEVATION TO BE 3000 mm BELOW BOTTOM OF THE FOOTING

GENERAL NOTES:
CORED HOLE IN ROCK SHALL BE BACKFILLED WITH CONCRETE.
FOR FRICTION PILE, SIDE FRICTION OBTAINED ABOVE TOTAL SCOUR ELEVATION SHALL BE NEGLECTED.

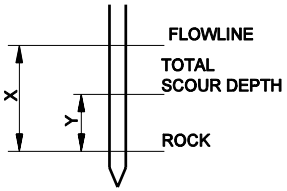


FIGURE 1

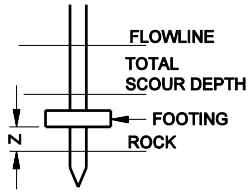


FIGURE 2

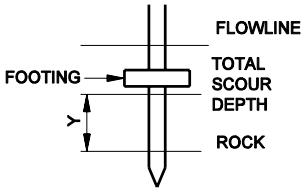


FIGURE 3

PILE TIP ELEVATION GUIDELINES
(For Body of Water)
Figure 66-3B