- 5 JUL 2011

TECH APPR
11/00540/FUL

TREES BELIEVED TO BE INFLUENCING FOUNDATION DEPTHS

ALDER TREE

Step 1
Assumed Medium Volume Change

Step 2
Moderate Water Demand

Step 3
Zone of influence =18 x 0.75 = 13.5m

Step 4
Tree Height (actual) = 6m
Tree Height (mature)= 18m

Step 5
11m to Founds

EiTHER
Step 6C(a)
= 11/18= 0.61

Step 6C(b)
from Appendix 4.2–C Chart 2 Found deprh = 1.1m

OR
Step 6T
Using Appendix 4.2–D Table18 Found Depth = 1.1m

Step 7
Reduce Depth by 0.05m

THEREFORE FOUNDATION DEPTH = 1.1–0.05 =1.05m