



SEWER SCREWPILE™ UNDERPINNING DETAIL
TWO STOREY DOMESTIC CONSTRUCTION ONLY

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PILE SPECIFICATIONS

- PILE SHAFT 89 CHS 5.5 - G350
- CONNECTION TO FOOTING 1 x Y16 x 300 LONG THROUGH TOP OF PILE
- 1 x 300mm DIA. BASE HELIX
- MINIMUM INSTALLING TORQUE AT SPECIFIED DEPTH = 6000Nm.
- PILE CENTERS AT 1500mm (MAX)

DESIGN NOTES

- APPLIED SWL OF 60kN PER PILE (MAXIMUM)
- MAXIMUM PILE DEPTH OF 7.5m.
- SOIL CONDITIONS ASSUMED TO BE MEDIUM DENSE SANDS WITH A 'n' VALUE > 10 OR CLAYS WITH A 'cu' VALUE OF > 150.
- DESIGN LIFE IS 75 YEARS MINIMUM IN ACCORDANCE WITH AS2159.
- ALL STEELWORK TO COMPLY WITH AS4100.
- NO SECOND HAND STEEL TUBE TO BE USED.
- ALL CONCRETE WORK TO COMPLY WITH AS3600.
- INSTALLATION IS TO BE CONDUCTED BY AN APPROVED ACCREDITED INSTANT FOUNDATIONS INSTALLER HOLDING A CURRENT INSTALLING CERTIFICATE.

INSTANT FOUNDATIONS

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CONSULTING ENGINEER

PROJECT

Drawing No. SEWER2A

Certified:

Date: DEC '99

Scale: 1:20