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MODEL CLAUSES FOR CIVIL ENGINEERING WORKS

SECTION 79

SHEET PILE WALLS

NOTES TO SPECIFIER:

These notes do not form part of the Specification.

Items that need to be considered and included where appropriate either in the Appendix and/or on the Contract Drawings as Particular Requirements for sheet pile walls include:

- (a) performance criteria for movement under lateral loads,*
- (b) grades of steel (see Clause 79.002),*
- (c) minimum section modulus, web thickness of sheet piles (see Clause 76.006 and Contract Drawings),*
- (d) surface preparation
Adopt criteria in Clause 73.009 if required,*
- (e) types of coating (adopt criteria in Clause 73.009 if required),*
- (f) thickness of primer and following coats,*
- (g) types of head and toe preparation,*
- (h) minimum length of sheet pile to be supplied,*
- (i) water retention,*
- (j) types of pile shoe (see Contract Drawings),*
- (k) penetration or depth to toe level (see Contract Drawings),*
- (l) driving resistance or dynamic evaluation or set,*
- (m) preboring or jetting or other means of easing pile driveability (see Clause 70.007 (xiii)),*
- (n) detailed requirements for driving records (adopt criteria in Clause 73.011 if required),*
- (o) welding of clutches (see Clause 79.005),*
- (p) requirement to carry vertical loads (see Contract Drawings).*