

assessment of subsurface conditions at the site. Prior to bidding, bidding contractors may make their own subsurface investigations to satisfy themselves as to site and subsurface conditions, but such subsurface investigations shall be performed only under time schedules and arrangements approved in advance by OWNER.

1.7 NOTIFICATION OF SCHEDULE

- A. The CONTRACTOR shall give written notification to the CONSTRUCTION MANAGER of the scheduled date for installation of sheet piling at the site at least one week in advance of that date.

PART 2 -- PRODUCTS

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NTS: For steel sheet piles located in marine environment, specify material (steel) conforming to ASTM A 690.

For steel sheet piles not located in marine environment, specify either ASTM A 328 or A 690.

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2.1 STEEL SHEET PILES

- A. Steel sheet piles shall be rolled steel sections of the weight, shape, and length indicated. The material in steel sheet piles to be used shall meet the requirements of ASTM [A 690] [A 328].
- B. Other requirements for sheet piles shall comply with SSPWC subsection 205-2.

PART 3 -- EXECUTION

3.1 DRIVING SHEET PILES

- A. Sheet piles shall be driven with hammers adequate to drive the piles to the required depths.
- B. To maintain satisfactory alignment, sheet piles shall be driven in increments of penetration necessary to prevent distortion, twisting out of position, or pulling apart at interlocks.

3.2 JETTING SHEET PILES

- A. Sheet piles may be installed with water jets at locations where stability of embankments or other improvements will not be endangered.
- B. The CONTRACTOR shall supply and operate one or more high pressure jetting systems to erode material adjacent to the pile when needed and permitted to facilitate driving sheet piling to the desired penetration.

- C. Jetting may be done either ahead of or simultaneously with driving operations. If jets and hammer are used simultaneously, jets shall be withdrawn and final penetration of sheet piles obtained by driving with the hammer alone for at least the last foot of penetration.

3.3 CUTOFFS

- A. Tops of sheet piling shall be cut off or driven down to a straight line at the elevation shown, or as directed. If a cutting torch is used on steel sheet piling, the cut surface shall be made as smooth as practicable by grinding or other approved methods.
- B. If heads of sheet piles are appreciably distorted or otherwise damaged below cut-off level, damaged portions shall be removed and replaced, or repaired to the satisfaction of the CONSTRUCTION MANAGER.
- C. Sheet piles damaged during driving, or driven out of proper position, or below cut-off elevation, shall be withdrawn and replaced with new piles.

** END OF SECTION **