

Riverine and Combatant Craft Operations Facility, Stennis Space Center, MS

Place plant material in landscape beds around dumpster pad(s) to effectively screen the dumpster enclosure.

G204099 1.2 - MOORING HARDWARE ON SHEET PILE WALL

G204099 1.2.1 - Cleats

Provide 12 inch boat cleats spaced at approximately 20-foot centers along the waterfront length of the new wall. Material shall be non-corrosive, but may not be aluminum.

G204099 1.2.2 - Fender Rub Strips

Provide a synthetic extrusion of neoprene, butyl rubber or equal that is designed to be non-scuffing and provide weathering resistance, energy absorption, and damage resistance. Extrusion shall be continuous along face of wall, located to protect typical boats used by Facility from contacting the concrete wall over normal range of water levels.

G204099 1.2.3 - Attachment Hardware

All attachment hardware shall be hot-dipped galvanized steel or stainless steel (Type 316L). Galvanize steel by the hot-dip process in accordance with ASTM A 123/A 123M or ASTM A 153/A 153M as applicable. Make threaded connections up tight and nick threads to prevent loosening. Where bolt heads may contact boats, countersink heads.

G2050 LANDSCAPING

G2050 1.1 - DESIGN

The design and installation of landscaped areas shall be in accordance with Presidential Executive Order 13148 of April 2000, except as provided by the Request for Proposal. The site design should be consistent with existing publications to address specific site concerns, development guidelines, and approved installation plant lists. Designs shall be performed by a Certified or Licensed Landscape Architect.

G2050 1.1.1 - Energy Efficiency

Reduce energy consumption to the greatest extent possible by utilizing innovative landscaping or site features including but not limited to:

- a. Deciduous trees to create shade in summer and heat gain in winter.
- b. Windbreaks to the north, west and east of the facility, or at a minimum provide a windbreak on the windward side of the facility at a distance from the facility of two to five times the mature height of the windbreak.
- c. Shrubs and groundcover to shade the ground and pavement around the facility and reduce heat radiation.
- d. Conversion of existing lawn areas to drought-tolerant ground covers, as appropriate.

G2050 1.2 - DELIVERY, STORAGE, AND HANDLING

G2050 1.2.1 - Delivery

G2050 1.2.1.1 - Branched Plant Delivery