PORT OF EVERETT

PORT CONSTRUCTION PROJECT

Project Name	Port of Everett
Client	Bergerson Construction, Inc.
Location	Washington USA
Product	Hot Rolled Z Piles & Custom Tubular Piles
Delivery Date	2016

INTRODUCTION

Each year, the Port Commission adopts a Capital Improvement Project budget that enhances the Port of Everett's business lines and supports jobs, trade, commerce and recreation. These Capital Improvement Projects grow the economy by creating good paying jobs, leveraging private investment, and creating revenue generating industries.

Port of Everett Seaport stability and growth lies in the potential of its current infrastructure. As the shipping industry continues to see a trend of larger vessels, the Port of Everett looks to infrastructure opportunities to stay competitive and support 34,000+ regional jobs. Per the Port Commission's direction, Port staff are working toward implementation of the Marine Terminals Master Plan (2008), which includes strengthening and expanding docks to add a minimum of 300 feet of capacity in the next five years to meet 21st Century shipping demands.

ESC SCOPE OF SUPPLY

SHEET PILES & CUSTOM TUBULAR PILE

ESC carried out the supply, Blasting and Painting of Sheet Pile, tubular pile, and corner piles for this project.

Sheet Pile supply was 108 ESZ26-700 Sheet Pile Pairs 16m length Grade S430GP and a 609mm tubular corner pile 21 meters long.

The project was all carried out in the ESC fabrication yard in Abu Dhabi, UAE.

BLASTING AND PAINTING

In order to prepare the pile surface, piles were shot blasted to SA2.5 standard as specified by ISO 8501 and ISO 8503 using ESC's portable dry steel shot blasting machine, with compressed air supply of 0.7N/mm2.

After completion of blasting, all dust and abrasives were removed from the piles by brushing and blowing.

The specified paint system used was Carboline Carboguard 890 Coating System. All the sheet piles and tubular piles were painted in accordance with C5-M specification "Very high corrosivity marine atmospheric environment".

QUALITY CONTROL

Paint inspection are conducted by a certified NACE inspector. NACE Coating Inspector Program has set the standard for inspections in the protective coatings industry and is the world's most recognized coating inspector certification program.

PROJECT MATERIALS


CUSTOM CORNER TUBULAR PILE


PACKAGING PREPARATION

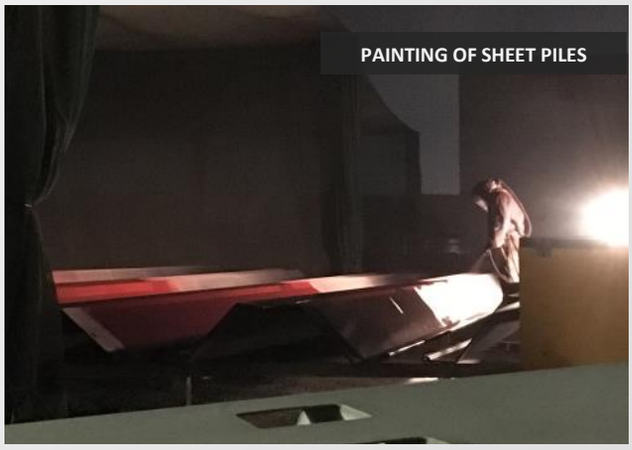

WELDING OF SHEET PILES INTO PAIRS


INSPECTION OF WELDED PAIRED PILES

BLASTING & PAINTING


BLASTING OF SHEET PILES


PAINTING OF SHEET PILES

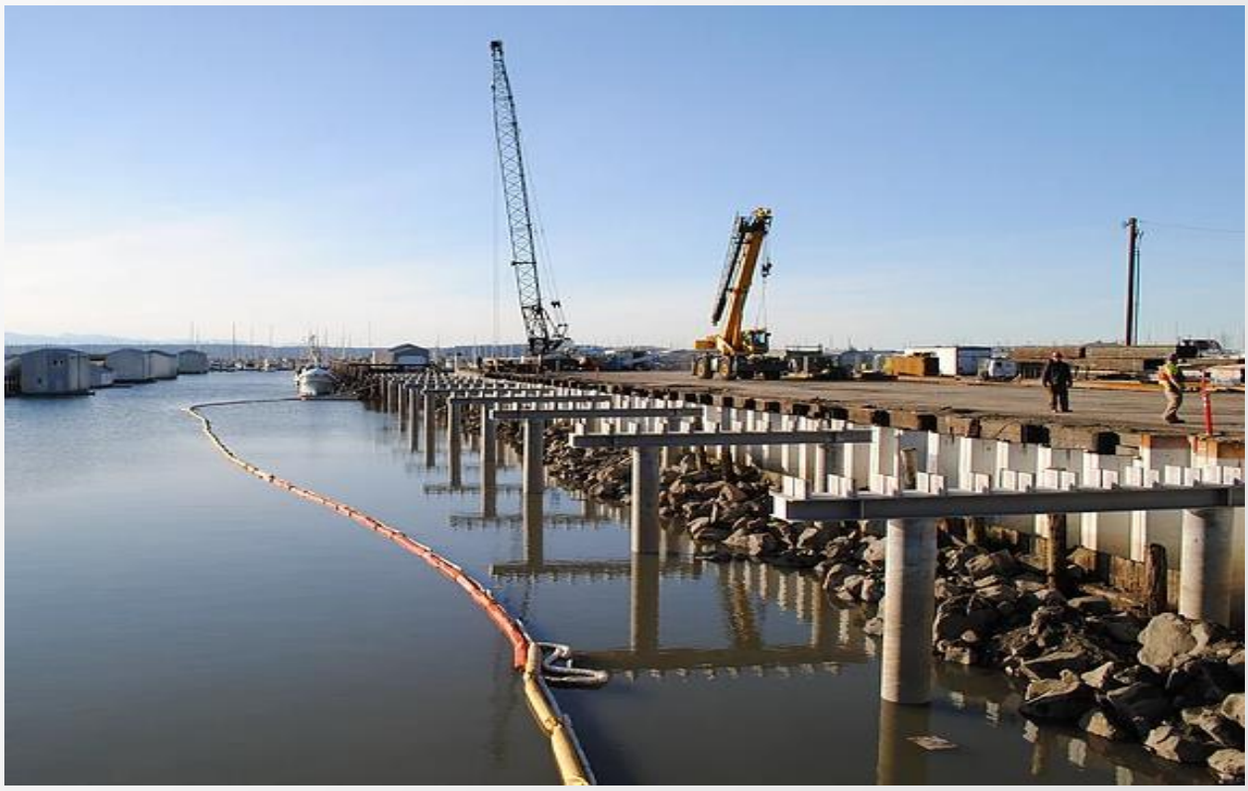

PAINTING OF SHEET PILES


PAINTING INSPECTION

Email: info@escsteel.com
Website: www.escsteel.com

PACKING, STACKING & DELIVERY

ON-SITE INSTALLATION



PROJECT COMPLETED

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