

QA/QC Signature Sheet

Project Name: _____
Project Number: _____
Design Lead: _____
Date: _____

Design Item	Designer	Checker	Job Complete	Calculations Bound
1 Drawings				
2 Calculations				
3 Quantities				
4 Estimate				
5 Specifications				

Note: Design Lead has option of adding additional design items

___ FERRY TERMINAL

___ (Project Title)

___ (Project Number)

STRUCTURAL CALCULATIONS - WINGWALLS

QA/QC CHECKLIST

Item	Designer	Date	Checker	Date
Design Criteria				
Design Energy				
Design Vessel Data				
Design Tide Data				
Design Bathymetry/Scour Reduction				
Design Impact Elevations				
Design Layout (as approved by Operations)				
Design Approach Data				
Design Vessel Energy				
Design Impact Energy				
Geotechnical				
Geotechnical Recommendations				
Borings				
Soil Parameters for Lpile Input				
Group Effect Modification Factors				
Axial Capacity Curves				
Cutting Shoes recommendation				
Hammer Capacity recommendation				
Special requirements (anchors, dowels)				
Structural				
Level I Analysis				
Soil Spring calculation				
Lpile runs (final)				
Load Cases (high and low tide, inside, outside)				
GTStrudl runs and Energy Spreadsheet (final)				
Stress Check				
Pile Embedments				
Level III Analysis				
Load Cases (high and low tide, inside)				
Moment-Rotation Spring Development for GTStrudl				
Lateral Load-Pile Head Deflection for GTStrudl				
GTStrudl runs and Energy Spreadsheet (final)				
Reaction Frame Displacement				
Pile Embedments				
Miscellaneous Calculations				
Ladders				
Chain and Hardware				

Appendix H DQC Sign-Off Sheet
 WINGWALLS
 6/18/2012

___ FERRY TERMINAL

_____ (Project Title)

_____ (Project Number)

STRUCTURAL CALCULATIONS - DOLPHINS

QA/QC CHECKLIST

Item	Designer	Date	Checker	Date
Design Criteria				
Design Energy				
Design Vessel Data				
Design Tide Data				
Design Bathymetry/Scour Reduction				
Design Impact Elevations				
Design Layout (as approved by Operations)				
Design Approach Data				
Design Vessel Energy				
Design Impact Energy				
Geotechnical				
Geotechnical Recommendations				
Borings				
Soil Parameters for Lpile Input				
Group Effect Modification Factors				
Axial Capacity Curves				
Cutting Shoes recommendation				
Hammer Capacity recommendation				
Special requirements (anchors, dowels)				
Structural				
Level I Analysis				
Lpile runs (final)				
Load Cases (high and low tide, one pile, two pile)				
Energy Spreadsheet (final)				
Stress Check				
Pile Embedments				
Miscellaneous Calculations				
Ladders				
Railings				
Chain and Hardware				

Appendix H DQC Sign-Off Sheet
 DOLPHINS
 6/18/2012

