



RAPID STRUCTURAL ASSESSMENT REPORT

Structure Type:	SUPERSTRUCTURE	Work Order:	5540
Facility Name:	Pier 68 Warehouse Building- Bldg. # 36	FIN:	1680036
Asset Number:	1680-BLDG36	Facility Code:	3490
Asset Activity:	STRUCTURE TWO YR INSPECTION	Port Engineer:	Duncan, Mr. Sherban A.
Inspection Number:	1680-BLDG36-1-2013	Inspected By:	AGS - Jasper Chau
Inspection Start Date:	2013/05/29 11:23:24	Inspection End Date:	2013/05/29 11:23:24
Purpose Of Inspection:	Periodic Inspection	Lease Number:	M-13828
Address:			
Year Built:			

Rating Criteria:

Green - Unrestricted use. May require some minor repair, or minimal barricading.

Yellow With Green Hatching - Restricted use. May require further review, may require load limits, limiting access and barricading until repairs completed.

Red - Unsafe notice. Shall be barricaded to prevent public access and use.

Overall Rating: **Green**

Immediate Actions: N.A.

Required Repairs: N.A.

Load Limits: N.A.

Barricades: N.A.

Long Term Actions: N.A.

Detailed Structural/Geotechnical Evaluation Required: N.A.

Condition Assessment Summary

Condition	Yes	No	More Review Needed
1) Full or Partial Collapse		X	
2) Major building element damaged		X	
3) Severe Cracking of walls		X	
4) Parapet or falling hazard		X	
5) Severe ground movement present		X	
6) Other Hazard present		X	

Comments:

Sequence - 1

Description - Comments

Comment - There minor damage to the building's metal siding. The corrugated roof metal decks exhibited rust due to water intrusion.



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Sequence - 2

Description - Detailed Building Description (if available):

Comment - One-story steel frame building with metal siding and metal roof decking supported by steel roof trusses and steel columns. The building houses a machine shop and office spaces. There are two 10-ton cranes in the machine shop.

Attachments:

Appendix A - Facility Data

Appendix B - Photographs and Structural Rating Map



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Appendix A - Facility Data

Name of Facility: Pier 68 Warehouse Building- Bldg. # 36

Facility Code: 3490

Address:

Lease Number(s): M-13828

Building Data

Building Structure FIN: 1680036

No. of stories: 0

Support over water:

Support over land: Yes

Construction Type (Wood, Concrete, Steel, Masonry or Combination): Steel

Occupancy Type (Commercial, Office, Industrial, Assembly, Residential, Emergency Service, etc.):
Commercial and Industrial

Detailed Building Description (If available):

Substructure/Foundation Data:

Substructure FIN:

Piling Type:

Substructure Deck Type:

Apron Type:

Detailed Substructure Description (If available):

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Appendix B - Photographs and Structural Rating Map



Photo 1. View of the interior office spaces

Appendix B - Photographs and Structural Rating Map



Photo 2. View of the 10-ton cranes

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Photo 3. View of the interior steel column base connection

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Appendix B - Photographs and Structural Rating Map



Photo 4. View of the interior floor slab

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Photo 5. View of the steel roof truss and underside of the metal deck

Appendix B - Photographs and Structural Rating Map



Photo 6. View of the interior steel column

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Photo 7. View of the machine shop, looking west

Appendix B - Photographs and Structural Rating Map



Photo 8. View of the west elevation

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Appendix B - Photographs and Structural Rating Map



Photo 9. View of the typical impact damage in the metal siding

Appendix B - Photographs and Structural Rating Map



Photo 10. View of the north elevation

Appendix B - Photographs and Structural Rating Map



Photo 11. View of the east elevation

Appendix B - Photographs and Structural Rating Map



Photo 12. View of the south elevation



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Photo 13. Structural rating map