

Structure Type:	SUPERSTRUCTURE	Work Order:	5540
Facility Name:	Pier 68 Warehouse	FIN:	1680036
	Building- Bldg. # 36		
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		No	More Review Needed	
1) Full or Partial Collapse		X		
2) Major building element damaged		Χ		
3) Severe Cracking of walls		Х		
4) Parapet or falling hazard		Х		
5) Severe ground movement present		X		
6) Other Hazard present		Х		

#### 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.



#### 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 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):** 



Photo 1. View of the interior office spaces





Photo 2. View of the 10-ton cranes



Photo 3. View of the interior steel column base connection



Photo 4. View of the interior floor slab



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



Photo 6. View of the interior steel column



Photo 7. View of the machine shop, looking west



Photo 8. View of the west elevation



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



Photo 10. View of the north elevation





Photo 11. View of the east elevation



Photo 12. View of the south elevation



Appendix B - Photographs and Structural Rating Map

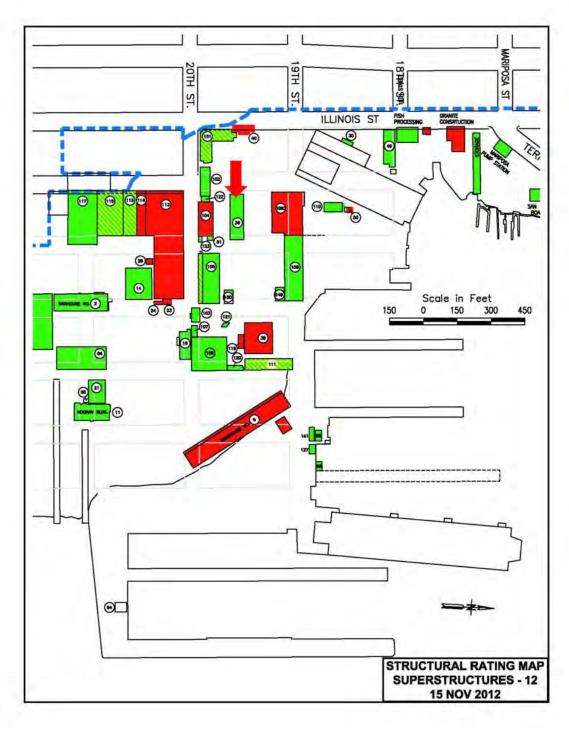


Photo 13. Structural rating map