

Agueda

From: Martha Salazar [martha.salazar@co.hidalgo.tx.us]
Sent: Wednesday, March 26, 2008 2:57 PM
To: agueda.garcia@co.hidalgo.tx.us; juan.alvarado@co.hidalgo.tx.us
Cc: ramon.vela@co.hidalgo.tx.us; 'Darlene Betancourt'; 'Valde'; roy.quintanilha@co.hidalgo.tx.us
Subject: FW: San Carlos water tower

Aggie,

Please research whether this structure is part of a fixed asset. If so, provide me the information. I am asking Mr. Guerra that Mr. Quintanilha review the request by B & G so as to get direction to place on CC for surplus of the structure for purposes of demolition. Thanks, Marty!

From: Daniel Flores [mailto:daniel.flores@co.hidalgo.tx.us]
Sent: Wednesday, March 26, 2008 2:37 PM
To: Valde
Cc: Martha Salazar
Subject: San Carlos water tower

The San Carlos warehouse property has an old water tower located at the rear of the property. The water tower is in an advance stage of rusting. Now that Precinct 4 has opened a road at the rear of the facility it has become more dangerous to the public and motorist. At this time I am recommending that Hidalgo County demolish the water tower to avoid any liability issues that might arise if the tower falls.

Department of Budget and Management
 Safety Division
 Site Inspection Form

Date 3/27/08

Precinct 4 City San Carlos Location _____ Department Warehouse

Nearest Intersection N/A Foreman / Crew leader N/A

Employee _____ Contractor N/A

Safety Officer Sergio Perez

Reason for inspection The Safety Division was alerted by the Purchasing Dept. about a cretin tower at the San Carlos Warehouse that has become a hazard.

Personal Protection

- 1. Hard hats worn by all employees and visitors
- 2. Hearing protection devices worn where noise is high
- 3. Eye and face protection worn by workers exposed to injury
- 4. Hand protection worn by workers exposed to potential injury
- 5. Breathing protective equipment worn where hazards exist
- 6. Reflective vests worn by workers

N/A YES NO

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Location

General Safety

- 7. Warning signs posted
- 8. Fire extinguishers provided and charged
- 9. Wash stations (body, eye) provided and clean
- 10. Water and cups provided
- 11. First aid kits provided and stocked

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	N/A	YES	NO	Location
Vehicle Safety				
12. Vehicle operated safely	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
13. Vehicle inspected routinely (LOG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
14. Vehicle parked properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
15. Vehicle maintained properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
16. Vehicle secured properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Equipment				
17. Equipment operated safely	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
18. Equipment operated properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
19. Equipment inspected routinely (LOG)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
20. Equipment maintained properly	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
21. Equipment secured properly	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
22. Equipment stored properly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Housekeeping				
23. Passages and stairs clean of debris (slip& trip hazards)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
24. Adequate illumination in work areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
25. Sidewalks free of debris (slip& trip hazards)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
26. Facility maintained properly (A.C., smoke det., etc.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Chemicals				
27. Chemicals used properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
28. Chemicals used safely	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
29. Chemicals stored safely	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
30. Chemicals safety data sheet available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
31. Chemicals disposed of properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Confined Spaces				
32. Confined space identified and proper procedures followed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
33. Rescue equipment on site	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

*Water tower base
is corroded*

	N/A	YES	NO	Location
34. Monitoring equipment calibrated and used (LOG)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
35. Entranced continuously monitored	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
36. Confined space workers properly trained for assignments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
37. Confined space equipment properly maintained	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
38. Continuous monitoring for hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Traffic Control

39. Warning signs posted properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
40. Flaggers trained for assignments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
41. Flaggers flagging properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
42. Flaggers flagging safely	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
43. Flaggers stationed properly	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
44. Correct flagging equipment used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
45. Flagging signs and equipment clean and visible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
46. Flagging signs and equipment properly stored	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Findings / Comments

I noticed some of the bolts were rotted at the base of the water tower. Other bolts have been cut and in some parts of the water tower the bolts are missing.

I notice a large quantity of corrosion in multiple areas of the water tower (see pictures).

Refer to Attached narrative for further details

Safety Officer 

County of Hidalgo
Department of Budget & Management
Safety Division

Incident Report

Type of Report: Information/ Inspection

Report Number: S.I . 08-03-27-1000

Page 1 of 1

Date March 28, 2008

Preliminary

Supplement

On March 27, 2008, at 10:00 a.m., I conducted a site inspection on the Water Tower located at the Hidalgo County San Carlos Warehouse. San Carlos Warehouse is located at 2 blocks North of State Highway (SH) 107 on 86th St., in San Carlos, TX.

Upon my inspection, I discovered the Tower contained severe corrosion at the base and support legs. Some of the steel bolts and nuts securing the Tower to the base had been cut off or removed. I photographed the base. The photos depict the aforementioned concerns.

I used a 25' ft. standard tape measuring device to calculate the height of the tower. The first section measured 12' ft. The tower consists of five equal 12' ft. sections, which equal to 60' ft. I estimated the water tank to measure 15' to 20' ft. by comparing it with a 12' ft. section. (Refer exhibit A).

Note: Exhibit (A) shows the distance between the Tower and the public street as well as the distance between the tower and the warehouse building.

After inspecting the Tower and obtaining an estimated measurement, it is apparent the Tower will cause damage or affect the following:

- The North side of the warehouse building, if the Tower collapses to the southwest side.
- The Public Street (Humphrey Ave.) and the public driving on that street, if the Tower collapses to the north side.

Other Information:

- Exhibit (A) sketch of water tower
- Photos (of water tower)
- Site Inspection Form (of water tower)
- Aerial map (of water tower)

Reporting S.O.: Sergio Reyes



Employee No. 140988

Approved By: Roy Quintanilha



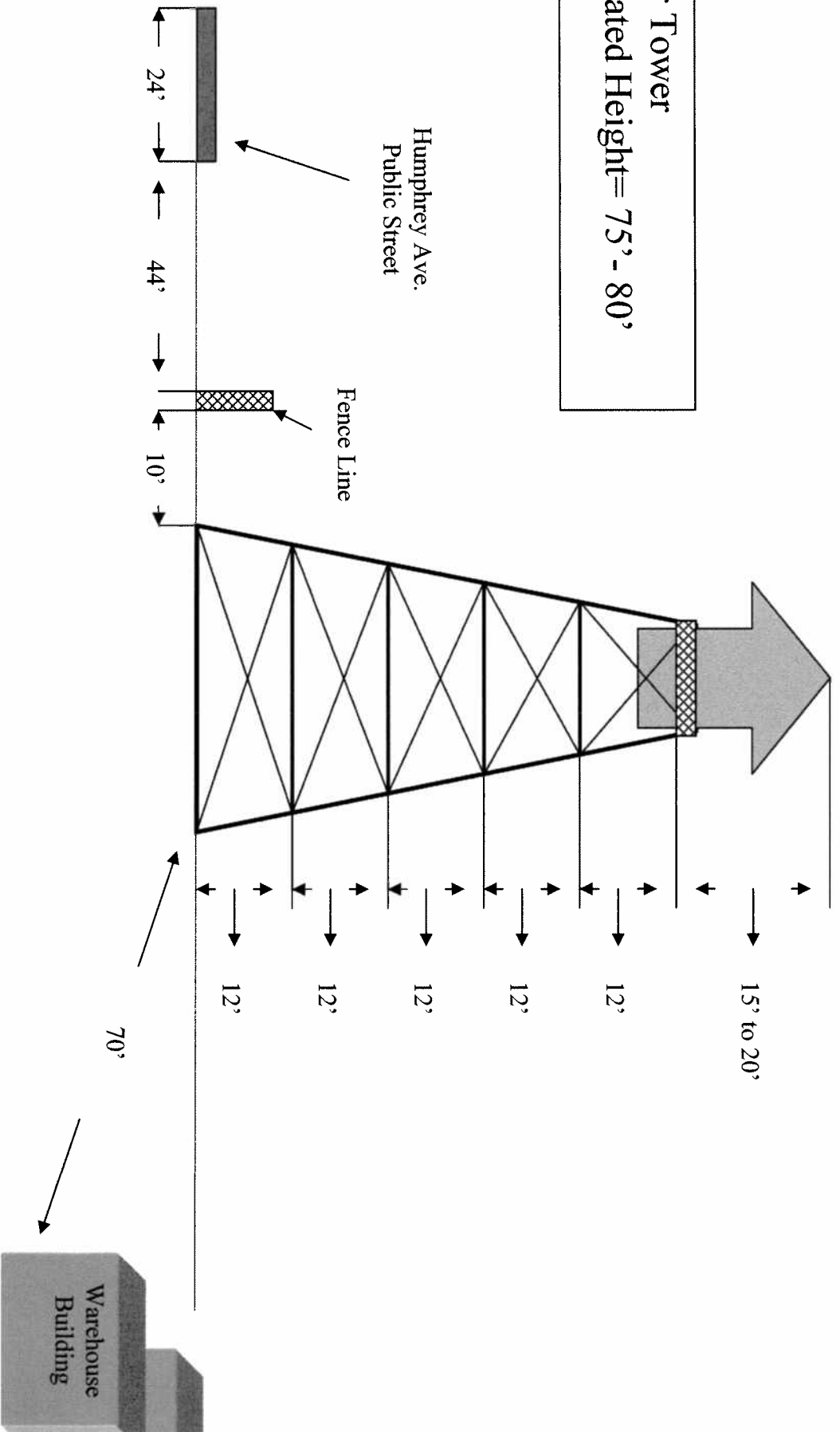
Employee No. 013781

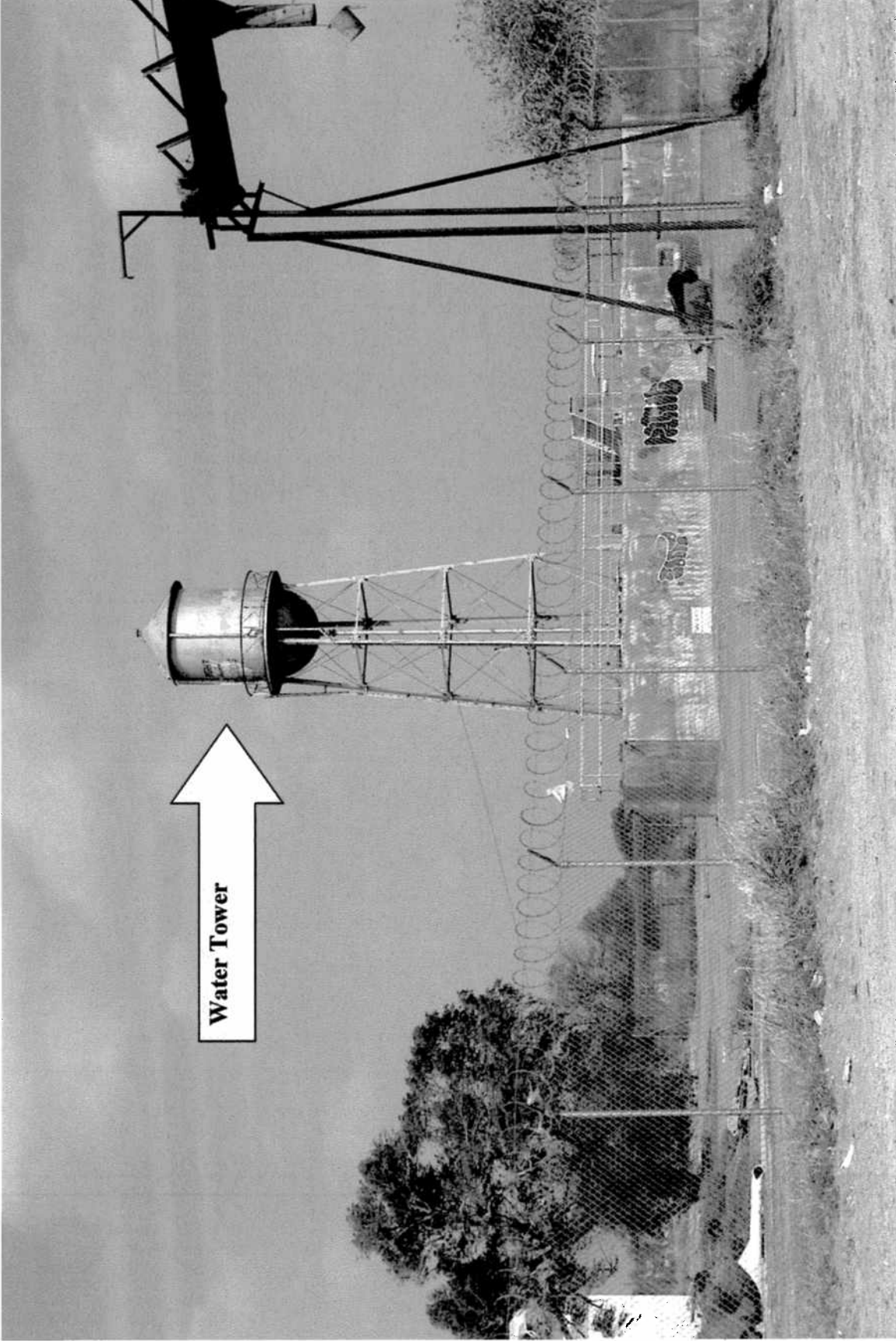
HIDALGO COUNTY
SAN CARLOS WAREHOUSE
WATER TOWER INSPECTION

Sketch not to scale

EXHIBIT - A

Water Tower
Estimated Height = 75' - 80'

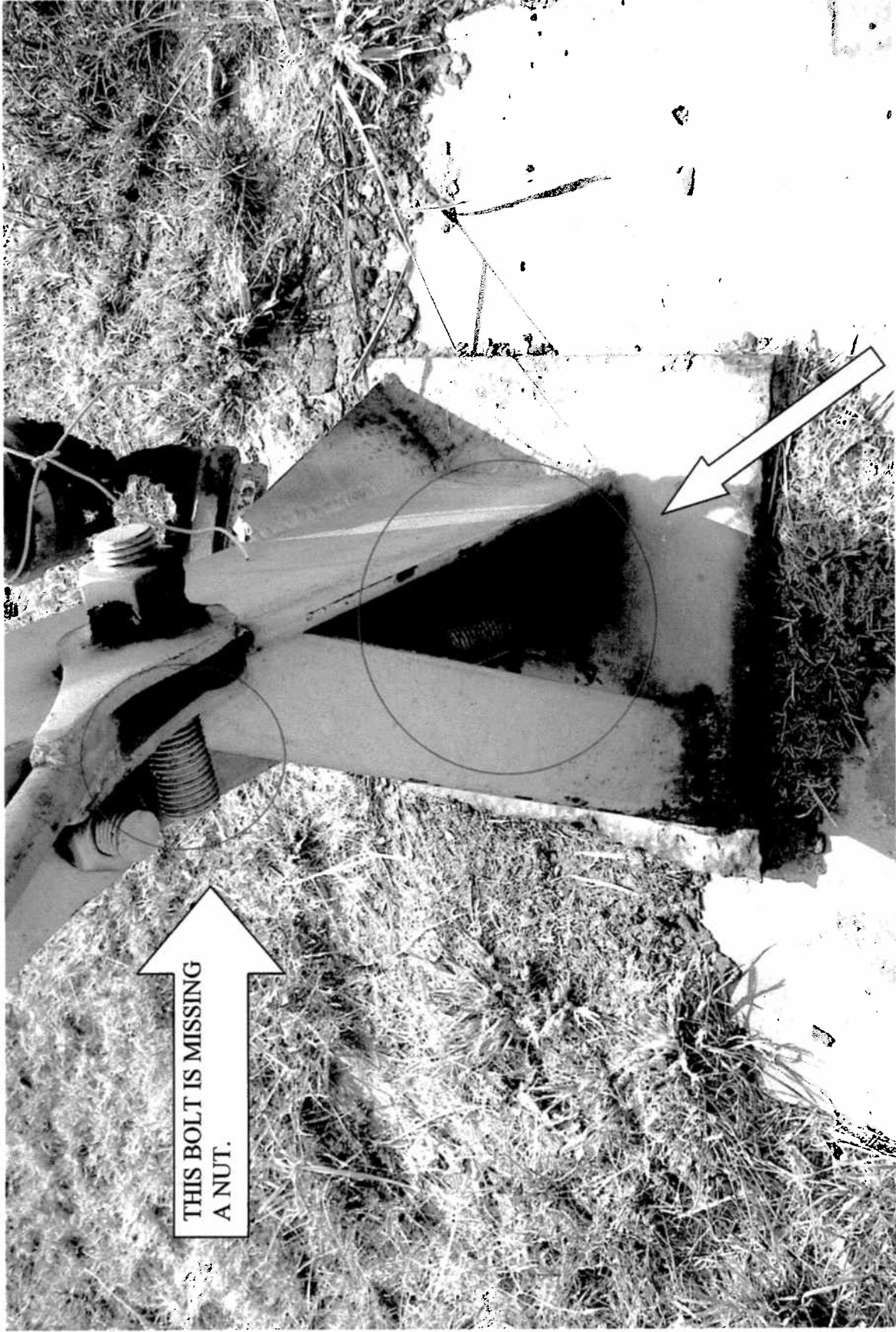




THIS PHOTO SHOWS THE WATER TOWER LOCATED AT THE SAN CARLOS WAREHOUSE.



THIS PHOTO SHOWS THE CONDITION OF AN ANCHOR BOLT THAT HAS BEEN SEVERLY AFFECTED BY CORROSION.

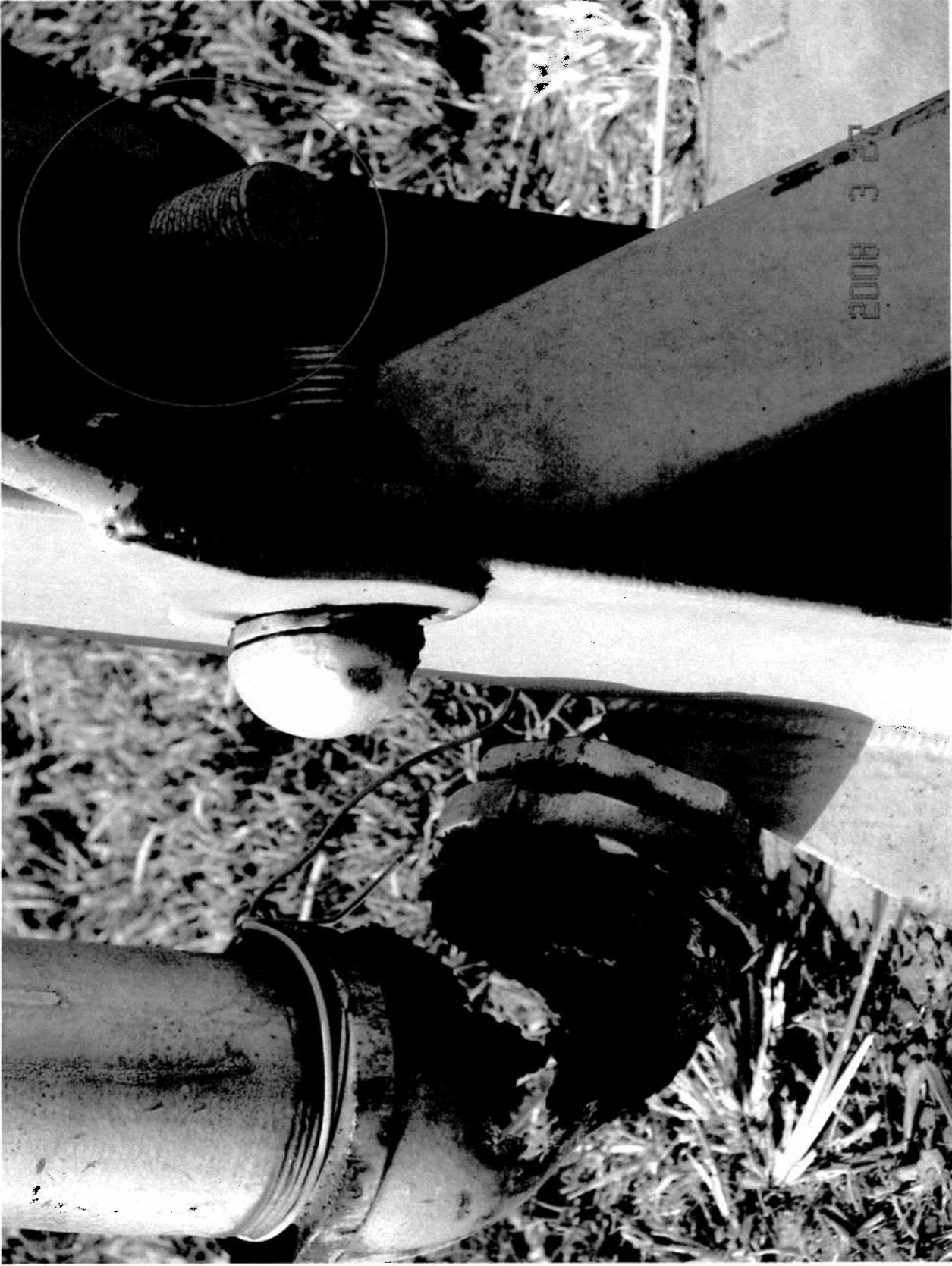


THIS BOLT IS MISSING
A NUT.

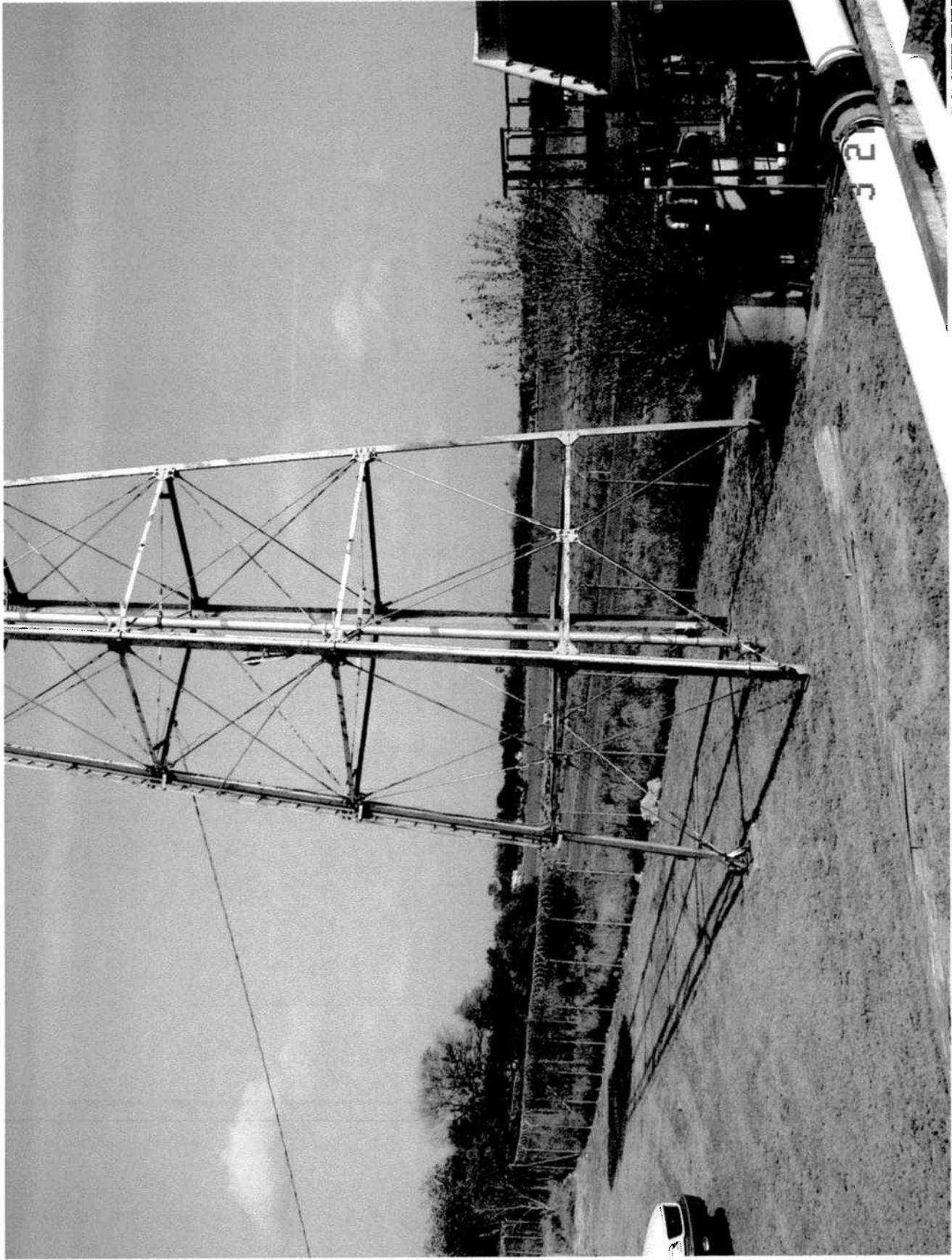
THIS PHOTO SHOWS THE NUT IS NEARLY GONE ON THE ANCHOR BOLT DUE TO CORROSION.



THIS PHOTO SHOWS THE ANCHOR BOLT IS MISSING A NUT.



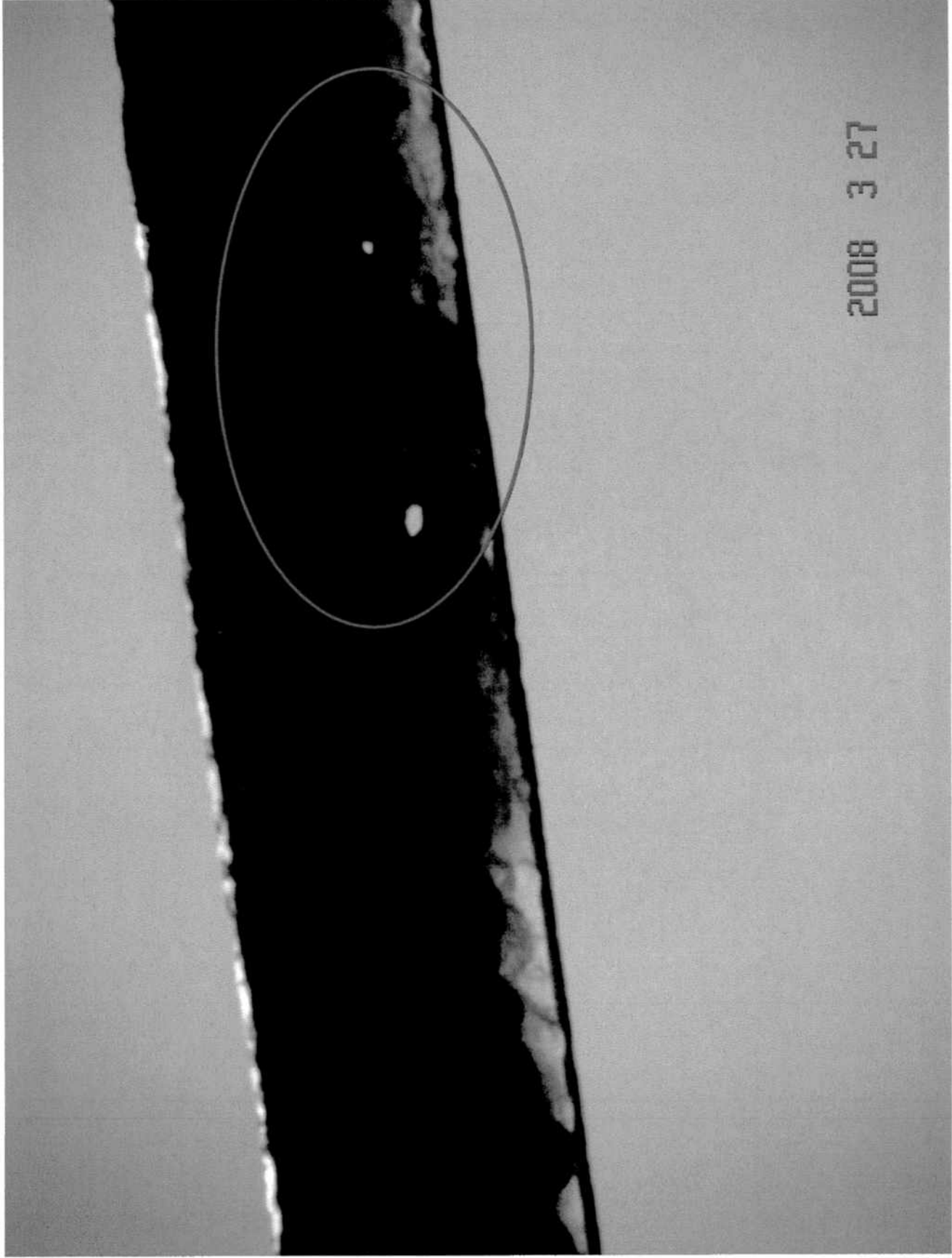
THIS PHOTO SHOWS A BOLT MISSING A NUT.



THIS PHOTO SHOWS THE PROXIMITY BETWEEN THE WATER TOWER AND HUMPHREY AVE. (PUBLIC STREET).



THIS PHOTO INDICATES INDIVIDUALS HAVE BEEN USING THE LADDER TO TAG ON THE WATER TOWER.

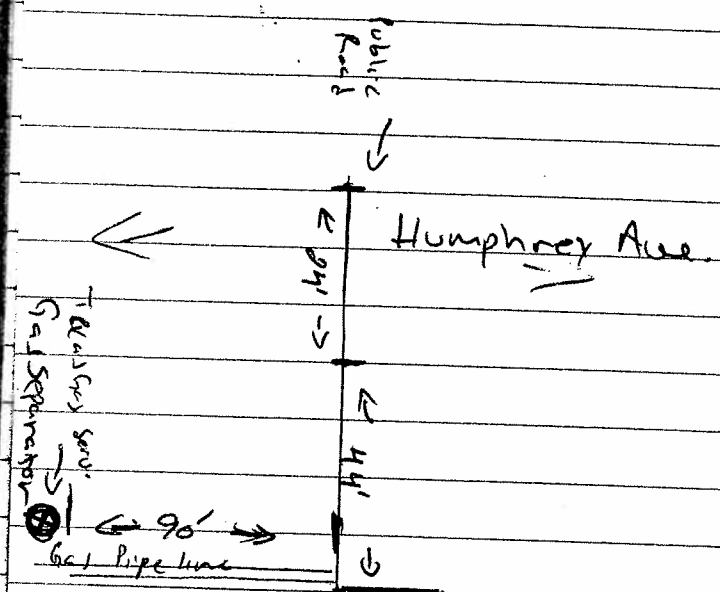


THIS PHOTO SHOWS THE CORROSION ON ONE OF THE SUPPORTS.



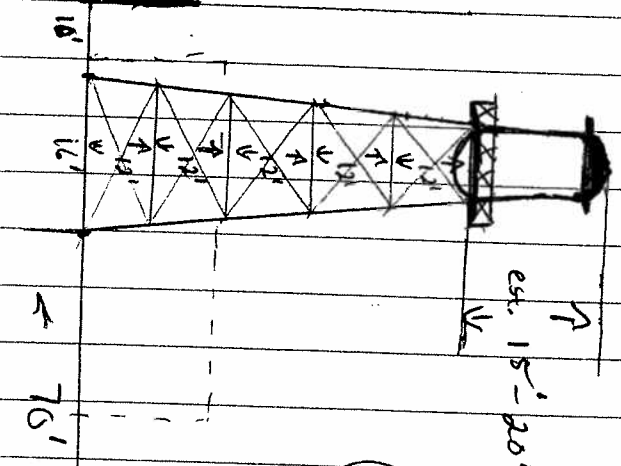
THIS PICTURE SHOWS HOW CLOSE THE WATER TOWER IS TO THE PUBLIC STREET.

(2)

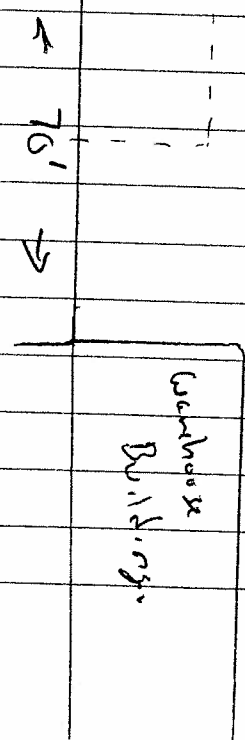


~~3-27-08~~
 10:00 am
 3-27-08

(3)



(E)



Total Height - 75' to 80'
 (S)

San Carlos
 where house
 water tower