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DOCKET
04-AFC-1
DATE JAN 11 2006
RECD. JAN 11 2006

CH2MHILL

Januray 11, 2006
184288

Mr. William Pfanner
Siting Project Manager
California Energy Commission
1516 Ninth Street, MS-15
Sacramento, CA 95814-5504

RE: AFC Supplement B: Process Water Supply
San Francisco Electric Reliability Project (04-AFC-1)

Dear Bill:

On behalf of the City of San Francisco, please find attached one original and 125 copies (75 hard copies and 50 electronic copies) of Supplement B, which describe a new process water supply. Copies of this supplement have already been sent to the proof-of-service list via email.

Please call me if you have any questions.

Sincerely,

CH2M HILL

John L. Carrier, J.D.
Program Manager

c: Project File
Proof of Service List

San Francisco Electric Reliability Project (SFERP) (04-AFC-1)

Supplement B: Process Water Supply

Submitted by

The City and County of San Francisco

January 11, 2006

CH2MHILL

TABLE OF CONTENTS

1.0 INTRODUCTION 1
2.0 CHANGE TO PROJECT DESCRIPTION 1
3.0 ENVIRONMENTAL ANALYSIS OF PROPOSED CHANGE TO THE PROJECT DESCRIPTION 2
3.1 Air Quality 2
3.2 Public Health 2
3.3 Hazardous Materials Management 2
3.4 Waste Management 3
3.5 Worker Safety and Fire Protection 3
3.6 Biological Resources 3
3.7 Cultural Resources 3
3.8 Geology and Paleontology 4
3.9 Soils and Water Resources 4
3.10 Land Use 5
3.11 Traffic and Transportation 5
3.12 Visual Resources 5
3.13 Noise and Vibration 5
3.14 Socioeconomics 6
4.0 REFERENCES 6

FIGURES

Figure 1 Proposed Water Supply Route
Figure 2 Revised Water Balance

APPENDIX A

DPR Forms

1.0 INTRODUCTION

During the City's recent preparation of technical documentation to support the construction bid package, a more economical refinement for treatment of process and cooling water supply was identified. This refinement results in a very minor change to the process water supply linear route and in the elimination of the previously planned treatment processes for the onsite water supply. The opportunity for this change was discovered during final value engineering, when design engineers were developing the details to be included in the contract package regarding the water system.

2.0 CHANGE TO PROJECT DESCRIPTION

As shown on the attached Figure 1 (figures at the end of the document), the SFERP is proposing to access treated secondary effluent from a pressurized manhole (manhole #2) in the Southeast Waste Water Treatment Plant (SEWWTP) outfall located approximately 2,600 feet from the SFERP. At this location, the water supply is of significantly better quality than the raw wastewater supply from the previously proposed collection box on Marin Street. The improvement in water quality eliminates the need for the traveling band screen and the onsite secondary treatment system using an aerobic tank, reducing the project cost and long-term maintenance requirements. Onsite water treatment will now be limited to tertiary treatment as follows: incoming secondary effluent water supply will go through ultra-filtration followed by disinfection, and then be passed through a single-stage reverse osmosis treatment system. The resultant final water quality will meet full Title 22 tertiary recycled water requirements. The revised process will not require any changes to the chemical inventory for the SFERP (Appendix C in the Hazardous Materials section of the PSA) except that sodium aluminate, a coagulant for plant makeup water, will no longer be used at the site.

The slightly revised process water supply line route will be as follows. An 8- to 10-inch pipeline will leave the plant site and head east about 70 feet to where it will turn south on Maryland Street. It will go about 200 feet south on Maryland Street and turn west on Cesar Chavez Street. It will travel about 850 feet west along Cesar Chavez Street to Michigan Street where it will turn south for 450 feet to Marin Street. At Marin, it will head west about 550 feet to Third Street. The line will go south on Third Street about 400 feet to Tulare Street where it will go 80 feet to the east to connect to manhole #2. No additional equipment will need to be installed at the manhole to pump the water to the plant site. The total length of the line will be about 2,600 feet. That portion of the route along Marin and Third streets will be located above an abandoned 54-inch outfall pipe from the SEWWTP that was replaced by a new 60-inch outfall line at the edge of Islais Creek that parallels the abandoned line. The decision whether to jack and bore under the railroad tracks at Illinois and Marin streets will be made during the detailed design phase.

It is expected that the pipeline can be installed in a relatively shallow trench, with a total excavation depth of approximately 7 feet. The width will be approximately 5 feet with allowance for clearance on both sides of the pipe and trench shoring and sheeting. Trench width will depend on the type of soils encountered and slope required by OSHA

regulations. Trench depth will be sufficient to meet the requirements of the codes and agency having jurisdiction. Moreover, the pipeline will be buried to provide a minimum cover of 3 feet. That portion of the line that will follow along the top of the abandoned 54-inch outfall will have at least 3 feet of cover above the process water supply line and 1-foot separation from the abandoned outfall line.

3.0 ENVIRONMENTAL ANALYSIS OF PROPOSED CHANGE TO THE PROJECT DESCRIPTION

The proposed project changes set forth in this Supplement provide the SFERP with a supply of process water that is of higher quality and thus requires less onsite treatment to meet Title 22 standards. An analysis of each of the environmental areas is presented below for the proposed project description modification. In addition, LORS contained in Applicant's Supplement A have been reviewed to determine if any LORS should be added or removed from the analysis.

3.1 Air Quality

The change in the process water supply will not have any impact on air quality. The process water supply linear route originally set forth in Supplement A would have required about 80 feet of new construction from the pumping station to the collection box and about 2,830 feet from the collection box to the plant site, for a total of about 2,900 feet of new construction. The revised route will require slightly less, about 2,600 feet of new construction. Although the revised process water supply line route is shorter than the route evaluated in Supplement A, construction air quality impacts previously evaluated remain essentially the same since the distance between the two routes is not significantly different. No LORS will change as a result of the revised route nor will any modification of the Final Determination of Compliance be required.

3.2 Public Health

The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential public health impacts associated with this Supplement will be less than significant.

3.3 Hazardous Materials Management

The chemical inventory for the SFERP (Appendix C in the Hazardous Materials section of the PSA) will allow the removal of one water treatment chemical. Sodium aluminate, a coagulant for plant makeup water, will no longer be used at the site. The change in water treatment will not result in any further modifications to the SFERP chemical inventory, will not result in any potential impacts greater than those analyzed in the PSA, and no LORS will change as a result of the revised route. As a result, any potential hazardous materials management impacts associated with this Supplement will be less than significant.

3.4 Waste Management

The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential waste management impacts associated with this Supplement will be less than significant.

3.5 Worker Safety and Fire Protection

The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. In addition, the revised process water supply line route will not require any additional worker safety and fire protection training. As a result, any potential worker safety and fire protection impacts associated with this Supplement will be less than significant.

3.6 Biological Resources

The revised process water supply line route is along existing roadways and is void of vegetation. The area was previously surveyed as part of the biological surveys conducted for the SFERP project. No biological resources were found within the area. The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential biological resources impacts associated with this Supplement will be less than significant.

3.7 Cultural Resources

The revised process water supply line route is along existing roadways that have been previously disturbed by past construction activities. In addition, the area was previously evaluated as part of the cultural resources record searches conducted for the SFERP project. Since the proposed route was covered in the record searches and the area has been subject to previous ground disturbance, there is no need for a pedestrian survey of the new portion.

The revised process water supply line is routed within streets adjacent to four buildings that are older than 45 years and were part of the City of San Francisco's (2001) Central Waterfront Cultural Resource Survey. The buildings are briefly described below. A DPR form for each building is provided in Appendix A.

800 Cesar Chavez Boulevard—One of the two buildings was built in 1952 as a single-story, steel frame warehouse by the Western Pacific Railroad. The second was moved to the current site in 1972. The site record concludes that "these buildings appear not to have particular cultural or historic value" and are individually ineligible for listing in the California Register of Historical Resources.

900 Marin Street—This building is a single-story, semi-attached, reinforced-concrete warehouse with an office annex, constructed in 1953 and used by the General Tire Company. It was determined individually ineligible for listing in the California Register of Historical Resources.

888 Marin Street—This property includes a one-story, prefabricated steel warehouse with corrugated steel siding, and a two-story frame and glass office building. It was built in 1955 for the Habernicht & Howlett Glass Company. It was determined individually ineligible for listing in the California Register of Historical Resources.

1055 Marin Street/3201 3rd Street—This property includes a large one-story warehouse and two-story attached office building. It was built in 1956 for the Reynolds Metals Company. It was determined individually ineligible for listing in the California Register of Historical Resources.

It is possible, though unlikely, that these buildings could be found eligible for National Register listing as contributing elements to a future historic district that incorporates industrial buildings in the Third Street corridor. The possibility of such a district is mentioned in the 2001 Central Waterfront study, which indicated that further research would be needed to support such a district. A district was not proposed in 2001 partly because many of the buildings that might contribute to this district were not yet 50 years old.

If a Third Street industrial-themed district were to be proposed, however, the SFERP revised process water supply line will have no effect on it. The pipeline will be buried underground, with no significant, visible aboveground component, and will be sited entirely within existing streets and paved areas that will be repaved over the pipeline trench. The project will thus have no effect on the integrity of feeling or association of these buildings.

The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential cultural resources impacts associated with this Supplement will be less than significant.

3.8 Geology and Paleontology

The revised process water supply line route is along existing roadways that have been previously disturbed by past construction activities. Since the proposed route has been subjected to previous ground disturbance and any new excavation will be relatively shallow, the proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential geological or paleontological resources impacts associated with this Supplement will be less than significant.

3.9 Soils and Water Resources

The water supply from the proposed new access point is of significantly better quality than the raw wastewater supply from the previously proposed collection box on Marin Street. The improvement in water quality eliminates the need for the traveling band screen (and resultant discharge of solids back to the sewer system) and the onsite secondary treatment system using an aerobic tank and odor control equipment. The discharge of wastewater after treatment and use will be of the same quality as that previously proposed, but the quantity of water treated and used will change. A revised water balance diagram is included as Figure 2. The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised

route. As a result, any potential soil and water resources impacts associated with this Supplement will be less than significant.

3.10 Land Use

The installation of a water supply pipeline along the proposed route will be consistent with existing and planned land uses in this area. The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential land use impacts associated with this Supplement will be less than significant.

3.11 Traffic and Transportation

Installation of the revised process water supply line will have less traffic impacts than those analyzed in staff's PSA. Rather than traveling about 3,200 feet along Cesar Chavez Street (850 feet in the collection box and 2,340 feet with new trenching), the revised route would only travel about 850 feet along a portion of Cesar Chavez Street that is less crowded, as it is used primarily by trucks associated with the shipping at Pier 80. In addition, the revised route will avoid crossing the busy intersection of Cesar Chavez and Third streets. The route will be located along streets that are much less traveled, thus construction-caused traffic congestion will be significantly less. Moreover, staff's proposed Condition of Certification TRANS-1 requires preparation of a Traffic Control Plan that will ensure that construction traffic occurs during off-peak hours and that businesses along the proposed process water supply line route are not affected during pipeline construction. The proposed modification will result in potential impacts somewhat less than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential traffic and transportation impacts associated with this Supplement will be less than significant.

3.12 Visual Resources

In both Supplement A and this Supplement B, the process water supply line will be buried. The building proposed to house the water treatment system will be the same size as that proposed in Supplement A. Therefore, the proposed modification will not result in potential visual impacts greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised route. As a result, any potential visual resources impacts associated with this Supplement will be less than significant.

3.13 Noise and Vibration

The proposed process water supply line will not require the installation of any noise-producing equipment as the City will be tapping into an existing pressurized manhole and the waterline will be buried. The three variable-speed water pumps that would have been used at the pumping station water supply source will no longer be required. At the plant site, the change in design will result in a smaller water treatment plant that will be fully enclosed and will only operate when needed, as opposed to the larger plant that would have required full-time operation to treat the raw sewage. The proposed modification will not result in potential impacts greater than those analyzed by Staff in the PSA and no noise LORS will change as a result of the revised route or change in water treatment process at the plant site. As a result, any potential noise and vibration impacts associated with this Supplement will be less than significant.

3.14 Socioeconomics

Although the process water supply line will require about 300 feet less of trenching and the water treatment plant will be less complex than what was proposed under Supplement A, the construction workforce will not change substantially. Therefore, construction of the proposed process water supply line will not result in a substantial change in local purchases of materials or local construction labor. The proposed modification will not result in potential impacts or benefits substantially greater than those analyzed by Staff in the PSA and no LORS will change as a result of the revised process water supply. As a result, any potential socioeconomics impacts associated with this Supplement will be less than significant.

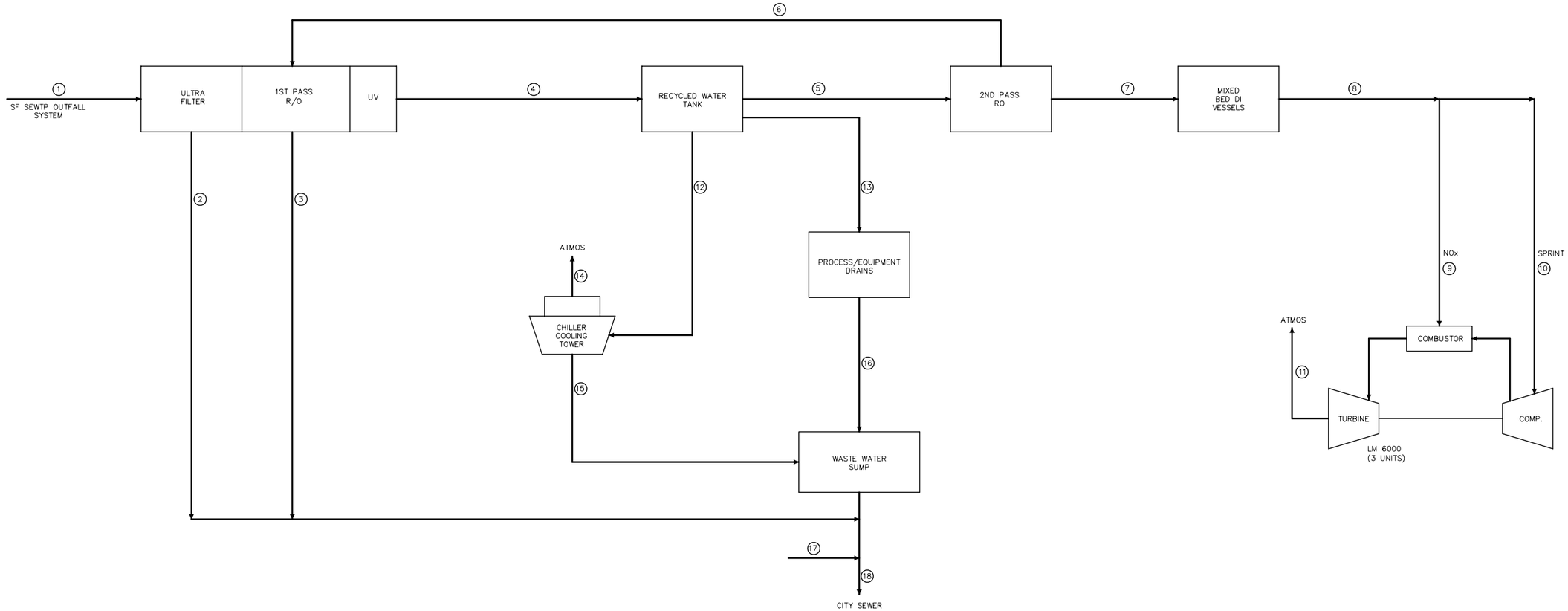
4.0 REFERENCES

City of San Francisco Planning Department. 2001. Central Waterfront Cultural Resource Survey Summary Report and Draft Context Statement. Prepared by the City of San Francisco Planning Department, with technical assistance from Page & Turnbull, Architects.

FIGURE 1
PROPOSED WATER SUPPLY ROUTE
SAN FRANCISCO ELETRIC RELIABILITY PROJECT
SUPPLEMENT B

CH2MHILL

RDD \\LOKI\PROJECTS\RDDGIS\SFPUC\MXDS\1-2_BASEMAP_LETTER_11X17.MXD 1/10/2006 16:03:28



SFPUC Electric Reliability Project - Water Balance					Rev G
			Average Water Use (3 CTG's in Operation)	Maximum Water Use (3 CTG's in Operation)	Notes
Point No	From	To	GPM	GPM	
1	SF SEWTP Outfall system	Ultra Filter Inlet	318	409	
2	Ultra Filter Reject	Plant Waste Water Sump	32	41	
3	RO Reject	Plant Waste Water Sump	95	119	
4	UV	Recycled water tank	221	278	
5	Reclaimed water tank	2nd Pass RO Inlet	195	194	
6	2nd Pass RO reject	1st Pass RO Inlet	29	29	
7	RO Product	Mixed Bed DI Vessel Inlet	166	165	
8	Mixed Bed DI Vessel (DI Water)	CTG NOx & SPRINT Injection	166	165	
9	DI Water	CTG NOx Injection	141	140	@ 25 ppm NOx
10	DI Water	CTG SPRINT Injection	25	25	
11	DI Water Evaporation	Atmosphere	166	165	
12	Recycled Water Tank	Cooling Tower Makeup	24	80	
13	Recycled water tank	Plant / equipment drains	2	4	
14	Cooling Tower Evaporation	Atmosphere	19	64	
15	Cooling Tower Blowdown	Plant Waste Water Sump	5	16	(@ 5 cycles of conc)
16	Plant / equipment drains	Plant Waste Water Sump	2	4	
17	Domestic	Plant wastewater system	2	4	
18	Plant wastewater system	City Sanitary Sewer	135	184	
	Annual recycled water usage:	53,050,588	gallons		
	(based on 12,000 turbine-hours)	162	acre-feet		

SOURCE: BP POWER

FIGURE 2
REVISED WATER BALANCE
SAN FRANCISCO ELECTRIC RELIABILITY PROJECT
SUPPLEMENT B

CH2MHILL

ES012006007RDD_02 (1/10/06)

APPENDIX A

DPR Forms

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

 Resource name(s) or number(assigned by recorder) Cobbledick-Kibbe Glass Co Warehouse and office

P1. Other Identifier: 130; Habenicht & Howlett Glass

***P2. Location:** ☐Not for Publication ☒Unrestricted ***a. County** San Francisco

***b. USGS 7.5' Quad** San Francisco South **Date** 1995

***c. Address** 888 Marin Street **City** San Francisco **Zip** 94124

***e. Other Locational Data:** Assessor's Parcel Number Block: 4358 Lots: 7 and 9

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)

A one-story, prefabricated steel warehouse with corrugated steel siding and two-story frame and glass office building. (See Photo 4 on Continuation Sheet for accessory buildings.) This warehouse has symmetrical massing with asymmetrical fenestration. The dominant feature of the composition is the clerestory over the central bays -- the presence of which is purely functional. First, the windows provide light to the interior spaces. Second, the additional height under this space is necessary for the heavy-duty cranes that run the length of the building. The rear view of the building (Photo 3) shows the extension of the overhead cranes over a rail spur for loading onto rail cars. Access to the nave can be made by two tractor-trailers simultaneously by driving directly into the building (Photo 2). The building itself is set back from the street as many of the warehouses designed to be serviced by rail cars. Additional evidence of this is the location of the windows, now covered in fiberglass panels, high on the building wall to allow light to the interior over the boxcars.

The office component of the warehouse is original to the building, but was extensively remodeled in 1967 to its current configuration including the glass front. The entire front building wall is a glass wall with panels set into metal frames.

***P3b. Resource Attributes:** (list attributes and codes) HP 8 Industrial Building

***P4. Resources Present:** ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other

P5a. Photo 1

P5b. Photo: (view and date)
View northeast from Marin Street - 12-13-2000

***P6. Date Constructed/Age and Sources:** ☒historic
1955 –Building Permit
1960 – Accessory Building: Building Permit

***P7. Owner and Address:**
Bart Trucking Company
888 Marin Street
San Francisco, CA 94124

***P8. Recorded by:**
Planning Department
City & County of San Francisco
1660 Mission Street, 5th Floor
San Francisco, CA 94103

***P9. Date Recorded:**
01-19-2001

***P10. Survey Type:** Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none")
Building Permit #178238; Accessory Building – Building Permit #241830

***Attachments:** ☐None ☐Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (list)

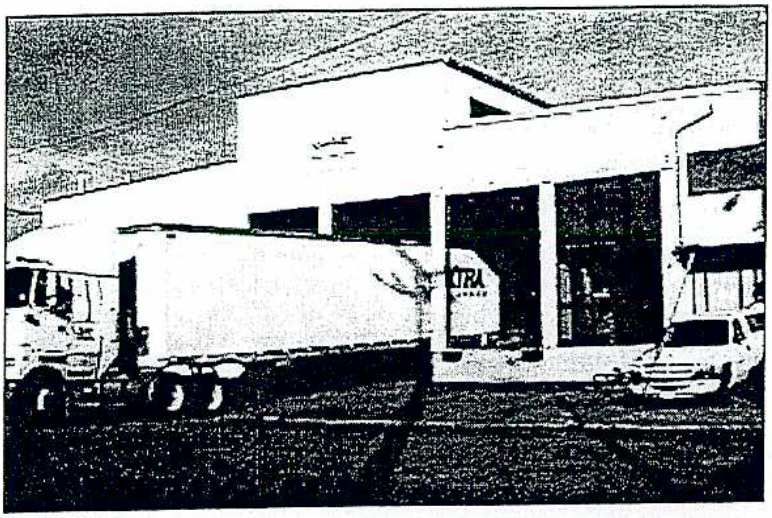


Photo 2. View north from Marin Street 12-13-

Delivery vehicles still enter the building.

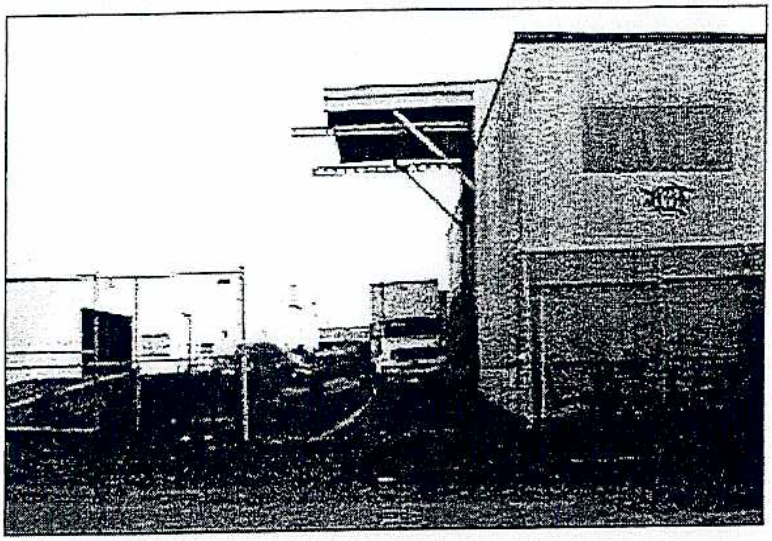


Photo 3. View east from Michigan Street 12-1
2000.

Overhead crane from the interior can load gc
directly to railcars from the projecting tracks.

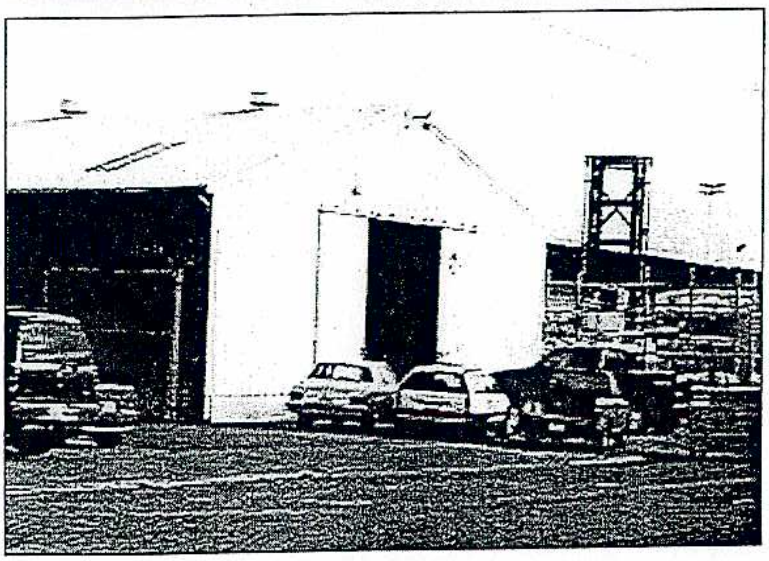


Photo 4. View northeast from Marin Street 12
2000.

One of two identical Butler prefabricated stee
warehouses in an "L" form creating a courtya
and associated with the main warehouse. O
story on concrete slab with corrugated steel
and roof. Access on Marin Street through a
sliding steel doors.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI#_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Z1

*Resource Name or # Cobbledick-Kibbe Glass Co Warehouse and office

B1. Historic name: Cobbledick-Kibbe Glass Co.
B2. Common name: None
B3. Original Use: Office and glass warehouse
B4. Present use: Unknown
***B5. Architectural Style:** Industrial
***B6. Construction History:** (Construction date, alterations, and date of alterations)
Built in 1955. Loading dock enclosed in 1955. 100' by 50' standard Butler building constructed and two 20' by 50' standard Butler building sections added in 1960. 50' by 64' Butler section added to Butler buildings in 1961. Porch extended to west; new glass and aluminum window wall installed on southern façade of office; and new concrete block vault constructed to east of office in 1967.
***B7. Moved?** ☒No ☐Yes ☐Unknown **Date:**_____ **Original Location:**_____
***B8. Related Features:** None

B9a. Architect: E. F. McKean, engineer
b. Builder: Unknown
***B10. Significance: Theme** Industrial Development and Settlement **Area** San Francisco's Central Waterfront
Period of Significance 1854-1948 **Property Type** Industrial **Applicable Criteria** None
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity)

Small industry such as this was typical of the development of the Central Waterfront. The industry relied on access to the water or the rail lines for distribution of its goods; sometimes it relied on the emerging trucking industry for local distribution.

This building retains integrity of location, setting, materials, feeling, and association and a moderate degree of integrity of design and workmanship.

This property appears not to have particular cultural or historical value. This property has been individually evaluated as ineligible for the California Register.

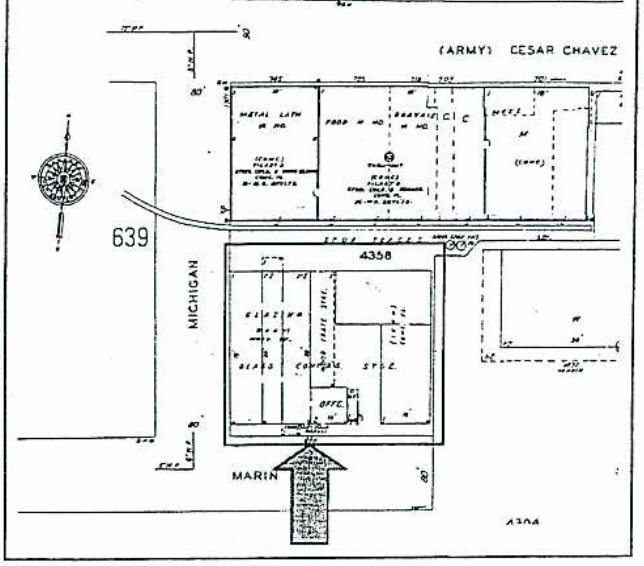
B11. Additional Resource Attributes: (List attributes and codes) None
***B12. References:**
Building Permits #178238, #181393, #241830 and #242437, #257196, #347517

B13. Remarks:

***B14. Evaluator:**
Tim Kelley, historian, Central Waterfront Survey Advisory Committee
***Date of Evaluation:**
July 20, 2001

(This space reserved for official comments.)

Sketch Map



*Required information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Z
Other Listings
Review Code Reviewer Date

Page 1 of 3 **Resource name(s) or number**(assigned by recorder) 900 Marin Street

P1. Other Identifier: 129

***P2. Location:** ☐Not for Publication ☒Unrestricted ***a. County** San Francisco

***b. USGS 7.5' Quad** San Francisco South **Date** 1995

***c. Address** 900 Marin Street **City** San Francisco **Zip** 94124

***e. Other Locational Data:** Assessor's Parcel Number Block: 4357 Lot: 3

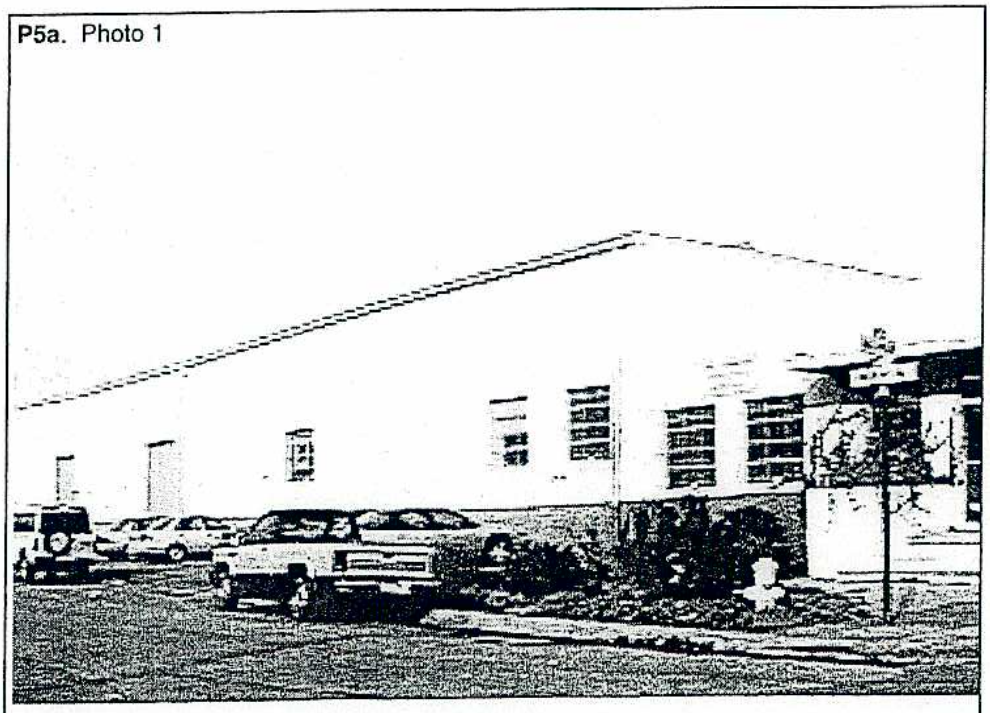
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundari

A single-story semi-attached reinforced-concrete warehouse with office annex. The main block of warehouse is set back from t street front indicating the former presence of a rail spur on the Marin Street frontage. The warehouse set on a raised concrete base contains two roll-up steel loading bays and three steel sash industrial windows. The office annex in four bays on Marin St and six on Michigan Street is similarly set back on Marin Street, but is both shorter and set lower to the ground. Industrial steel sash windows matching that of the warehouse illuminate each bay of the warehouse, save the entrance. The entrance in the corner bay is accessed by a set of cascading concrete steps flanked by Roman brick planters. An aluminum double door and transom is protected by a two foot wide projecting canopy that wraps around the second two bays on Marin Street and continue along the first bay of Michigan Street.

***P3b. Resource Attributes:** (list attributes and codes) HP 8 Industrial Building

***P4. Resources Present:** ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other

P5a. Photo 1



P5b. Photo: (view and date)
View from Marin and Michigan Streets looking northwest
12-13-2000

***P6. Date Constructed/Age and Sources:** ☒historic
1953 – Building Permit

***P7. Owner and Address:**
Eugene & Jack M. Garfinkle
21 Sotelo Avenue
Piedmont, CA 94611

***P8. Recorded by:**
Planning Department
City & County of San Francisco
1660 Mission Street, 5th Floor
San Francisco, CA 94103

***P9. Date Recorded:** 01-19-200

***P10. Survey Type:**
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none")
Building Permit #151253

***Attachments:** ☐None ☐Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (list)

Continued: [P5a. Photo]

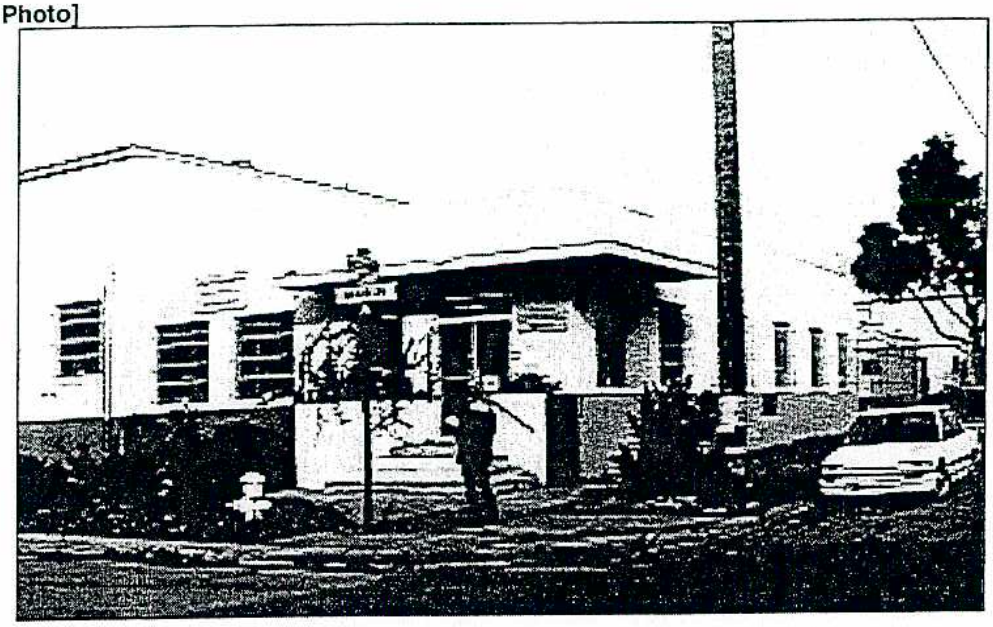


Photo 2. View from Marin and Michigan Streets looking northwest

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #
HRI#

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Z1

*Resource Name or # 900 Marin Street

B1. Historic name: General Tire Company Office and Warehouse
B2. Common name: None
B3. Original Use: Non-hazardous warehouse
B4. Present use: Warehouse
*B5. **Architectural Style:** Utilitarian
*B6. **Construction History:** (Construction date, alterations, and date of alterations)
1953—Present building constructed.
1953—Interior alterations to office—Partitioning for two offices.
1983—Installation of new overhead rolling door in existing window opening.
1992—New roof.

*B7. **Moved?** ☒No ☐Yes ☐Unknown **Date:** n/a **Original Location:** n/a
*B8. **Related Features:** None

B9a. Architect: Robert F. Campbell, engineer
b. Builder: H. K. Ferguson, contractor
*B10. **Significance: Theme** Industrial Development and Settlement **Area** San Francisco's Central Waterfront
Period of Significance 1854-1948 **Property Type** Industrial **Applicable Criteria** None
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integri

Building Permit records show that the Standard Realty & Development Company, a division of Western Pacific Railroad, constructed the present warehouse early in 1953. However, General Tire & Rubber Co. was the owner by November of the year. Esprit De Corp had rented the warehouse by 1983. Eugene Garfinkle owned the building as of 1992 and the use was warehouse.

Small industry such as this was typical of the later development of the central waterfront. The industry did not rely on acces water or rail lines for distribution of its goods; instead, it relied on the emerging trucking industry.

This property retains sufficient integrity of location, design, setting, materials, workmanship, feeling, and association

This property appears not to have particular cultural or historical value. It is not 50 years in age and does not meet the indiv exceptional significance criteria under the National Register. This property has been individually evaluated as ineligible for t California Register

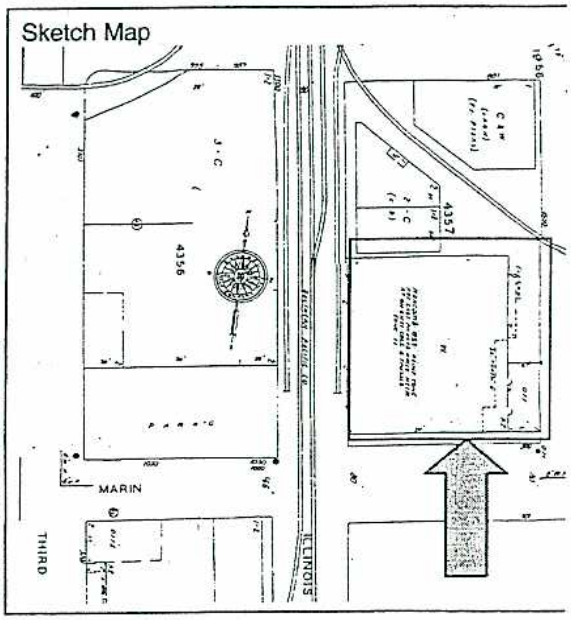
B11. Additional Resource Attributes: (List attributes and codes) None
*B12. **References:**
Building Permits #151253

B13. Remarks:

*B14. **Evaluator:**
Tim Kelley, historian, Central Waterfront Survey Advisory Committee
***Date of Evaluation:**
July 20, 2001

(This space reserved for official comments.)

Sketch Map



*Required inform

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

 Resource name(s) or number(assigned by recorder) 800 Cesar Chavez Street

P1. Other Identifier: 123; 640 Army Street
***P2. Location:** ☐Not for Publication ☒Unrestricted ***a. County** San Francisco
***b. USGS 7.5' Quad** San Francisco North, CA **Date** 1995
***c. Address** 800 Cesar Chavez Street **City** San Francisco **Zip** 94124
***e. Other Locational Data:** Assessor's Parcel Number Block: 4310 Lot: 3

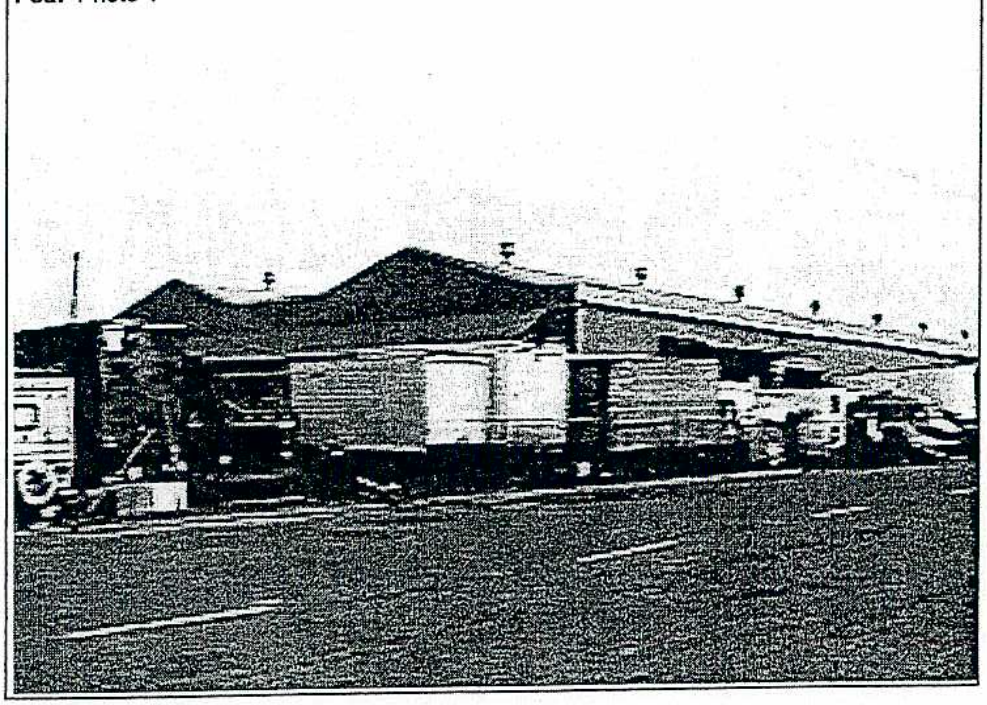
***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundari

This large, single story steel frame warehouse with corrugated metal panel walls consists of two parallel gables. The eastern façade is very plain and consists of a large roll-up steel door serving a loading area that is protected by a cantilevered metal canopy. The southern façade has many bays of roll-up steel doors behind loading docks that are protected by metal canopies. Near the center of this façade is the office entrance, which contains a wood and metal frame and a portion of the metal awning covered the pedestrian door and various windows -- wood, steel sash pivot and aluminum. A historic sign box contains eviden of two layers of signs identifying the business as "F.J. Burns Draying". (photo 3) A metal awning runs across the entire westerr façade protecting several roll-up steel doors with alternating flush and recessed openings. The northern façade is situated alon rail spur. A plain parapet unifies the gables on the eastern and western façades. The roof features ten smoke stacks on the sp of each gable and four or five skylights on each slope of the roof with larger skylights on the inner slopes of the roof. The skylig are staggered on the roof to provide even light throughout the interior.
(See Continuation Sheet.)

***P3b. Resource Attributes:** (list attributes and codes) HP 8 Industrial Building

***P4. Resources Present:** ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other

P5a. Photo 1



P5b. Photo: (view and date)
View from Cesar Chavez Street looking northeast
12-07-2000

***P6. Date Constructed/Age and Sources:** ☒historic
1952 – Building Permit

***P7. Owner and Address:**
Joseph N. & Lorraine Ratto
640 Cesar Chavez Street
San Francisco, CA 94124

***P8. Recorded by:**
Planning Department
City & County of San Francisco
1660 Mission Street, 5th Floor
San Francisco, CA 94103

***P9. Date Recorded:** 01-19-2001

***P10. Survey Type:**
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none")
Building Permit #134089; accessory building – Building Permit #452641
***Attachments:** ☐None ☐Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record
☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record
☐Artifact Record ☐Photograph Record ☐ Other (list)

 *Required informat

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #
HRI#

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Z1

*Resource Name or # 800 Cesar Chavez Street

B1. Historic name: None
B2. Common name: None
B3. Original Use: Hazardous materials warehouse B4. Present use: Warehouse
*B5. **Architectural Style:** Industrial
*B6. **Construction History:** (Construction date, alterations, and date of alterations)
There are two buildings on Lot 3 of Assessor's Block 4310.
1952—Present large warehouse that runs parallel to Cesar Chavez Street permitted and constructed.
1975—Foundation of present small warehouse at the corner of Maryland and Cesar Chavez Streets installed. A building was then moved to this location and placed on a new foundation.

*B7. **Moved?** ☒No ☐Yes ☐Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** Small warehouse on the corner of Maryland and Cesar Chavez Streets built in 1975.

B9a. Architect: Western Pacific Railroad Co., architect and engineer b. Builder: A. M. Hardy, contractor
*B10. **Significance: Theme** Industrial Development and Settlement **Area** San Francisco's Central Waterfront
Period of Significance 1854-1948 **Property Type** Industrial **Applicable Criteria** None
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity)

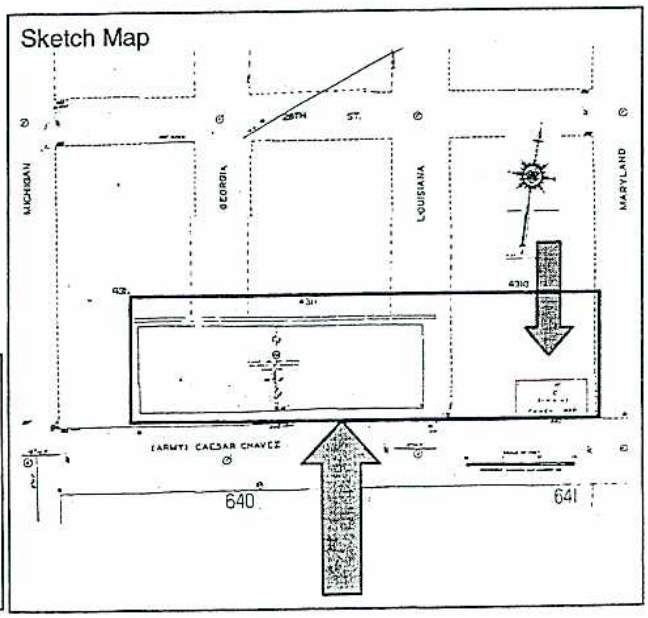
The 1920 Sanborn Map shows the entire block within the tidal flats. This block, Assessor's Block 4310, was originally three separate blocks, Assessor's Blocks 4312, 4311 and 4310. Georgia and Louisiana Streets previously ran through the current block, cutting it into three, evenly dimensioned blocks. There are two structures on the present Assessor's Block 4310. One is a large warehouse building that runs along Cesar Chavez Street and the second is a smaller warehouse structure on the northwest corner of Maryland and Cesar Chavez Streets. The original owner of the large warehouse, built circa 1952, was the Standard Realty Development Corporation, a division of Western Pacific Railroad Company. The construction plans state that the warehouse was intended for "industrial development." The Moore Dry Dock Company also appears on several pages of the original set of plans. It appears then, that the Moore Dry Dock Company was the first occupant of the warehouse. Building permit records also indicate that the small warehouse on the corner of Maryland and Cesar Chavez Streets was added in 1975 for the Burns Draying Company. It was used for vehicle maintenance.

These buildings appear not to have particular cultural or historical value. This property has been individually evaluated as ineligible for the California Register. This property retains sufficient integrity of location, design, setting, materials, workmanship, feeling, and association

B11. Additional Resource Attributes: (List attributes and codes)
*B12. **References:**
Building Permit #134089, #452641

B13. Remarks:

Sketch Map



*B14. **Evaluator:**
Tim Kelley, historian, Central Waterfront Survey Advisory Committee
*Date of Evaluation:
July 20, 2001

(This space reserved for official comments.)

*Required information

Continued: [P3a. Description]

In the southeast portion of the lot is a smaller gabled building with a concrete foundation and corrugated metal walls (photo · was moved to this location in 1975. The only openings are four roll-up steel doors on the northern façade and a pedestrian c the western façade. A few wooden planks hang from a narrow horizontal wooden plank on the western façade -- the functio which is undetermined. Three vents are located on the corrugated metal panel roof.

Continued: [P5a. Photo]

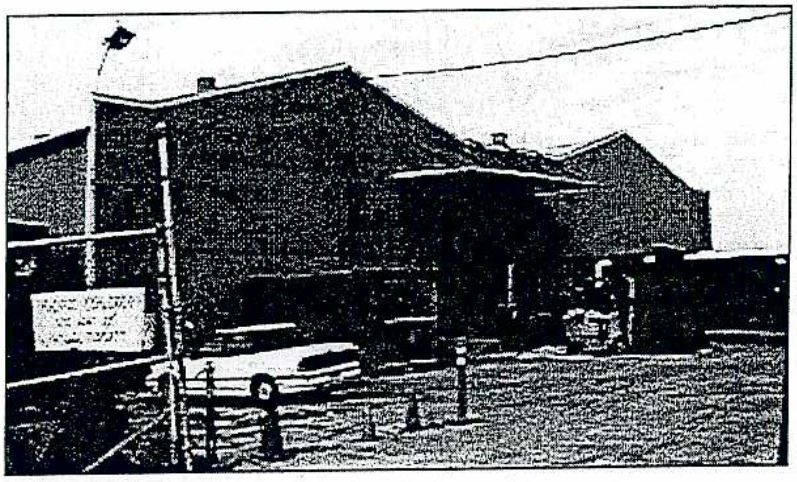


Photo 3. View North from Cesar Chavez Street on central portion of main building.

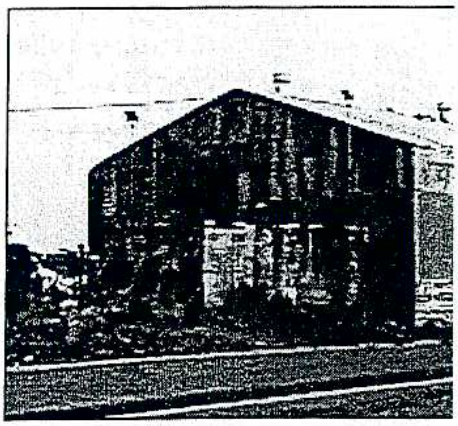


Photo 2. View northwest from Cesar Cha Street.

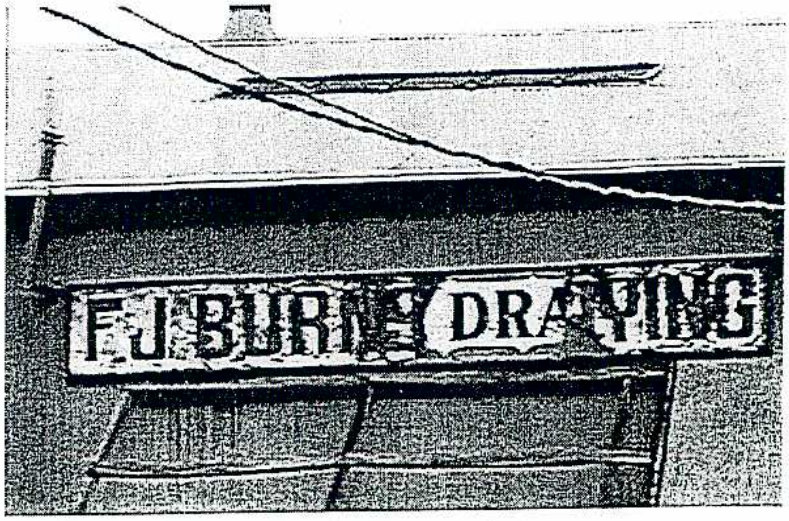


Photo 4. View Northeast from Cesar Chavez Street of accessory building.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

 Resource name(s) or number(assigned by recorder) 3201 3rd Street

P1. Other Identifier: 131; 3201 3rd Street
***P2. Location:** ☐Not for Publication ☒Unrestricted ***a. County** San Francisco
***b. USGS 7.5' Quad** San Francisco South, CA **Date** 1995
***c. Address** 1055 Marin Street **City** San Francisco **Zip** 94124
***e. Other Locational Data:** Assessor's Parcel Number Block: 4377 Lot: 1

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boun

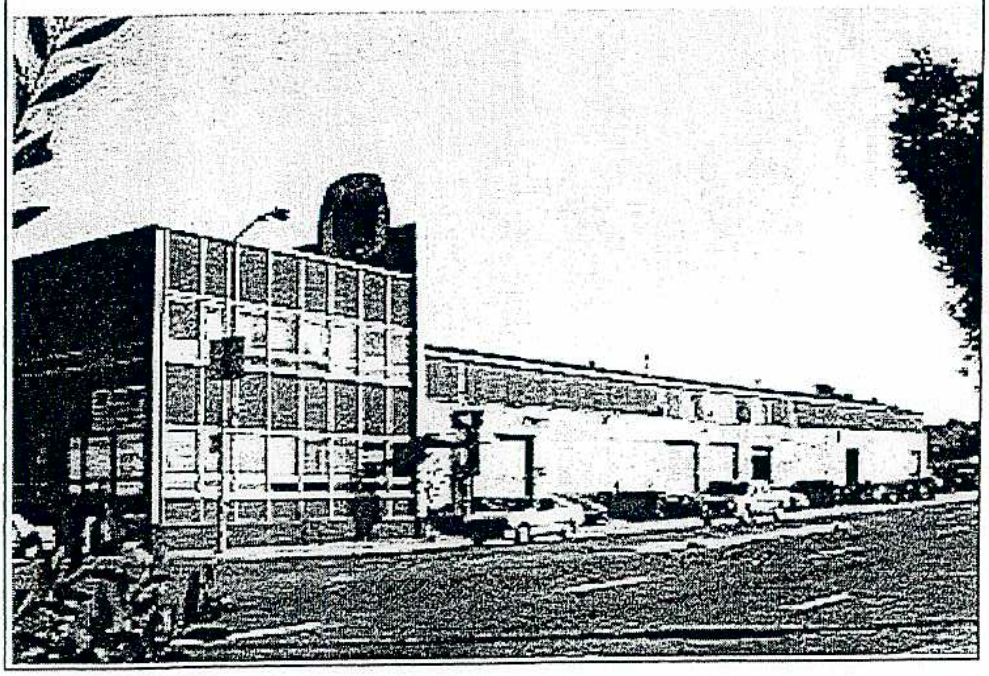
A large area, one-story warehouse building and two-story attached office. The gable end warehouse is clad in corrugated, embossed aluminum with a continuous band of fixed sash aluminum windows placed at the top of the building wall. The roo material is also aluminum. Translucent corrugated fiberglass panels have covered much of the banded window. A brick ba along the perimeter of the building. In 1959, a third gable section warehouse was added to the original two warehouses wit same materials and plans as the original.

The two-story office section, designed in the International architectural style, is fitted into the warehouse on two sides -- proj an additional twenty feet toward 3rd Street from the warehouse. The façade is composed of a banded grid of "Reynoceil" (enameled aluminum) and aluminum sash windows in an aluminum framework set on a brick base. The main entrance on 3 Street is set into the intersection of the warehouse and the projecting segment of the office. An aluminum canopy highlights a brick base and stairs with an integrated brick planter: the latter rising to the same level as the brick base. Above the roof, rounded, double-sided sign frame formerly housed the Reynolds Corporation logo.

***P3b. Resource Attributes:** (list attributes and codes) HP 8 Industrial Building

***P4. Resources Present:** ☒Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other

P5a. Photo 1



P5b. Photo: (view and date)
View from 3rd Street looking southeast.
1-23-2001

***P6. Date Constructed/Age a Sources:** ☒historic
1956 – Building Permit
1959 – warehouse addition: Bu Permit.

***P7. Owner and Address:**
William D. & Claire Spencer
% William D. Spencer
211 South Hill Drive
Brisbane, CA 94005

***P8. Recorded by:**
Planning Department
City & County of San Francisco
1660 Mission Street, 5th Floor
San Francisco, CA 94103

***P9. Date Recorded:** 01-19-2

***P10. Survey Type:**
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter "none")
Building Permit #168441; warehouse addition – Building Permit #228102

***Attachments:** ☐None ☐Location Map ☐Sketch Map ☒Continuation Sheet ☒Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (list)

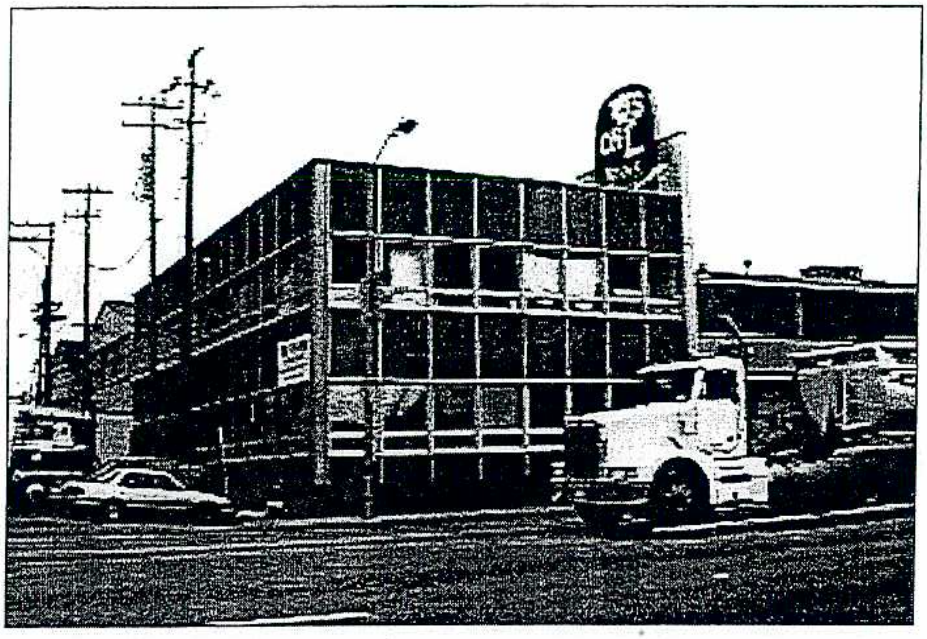


Photo 2. View southeast from 3rd Street., 12-13-2000

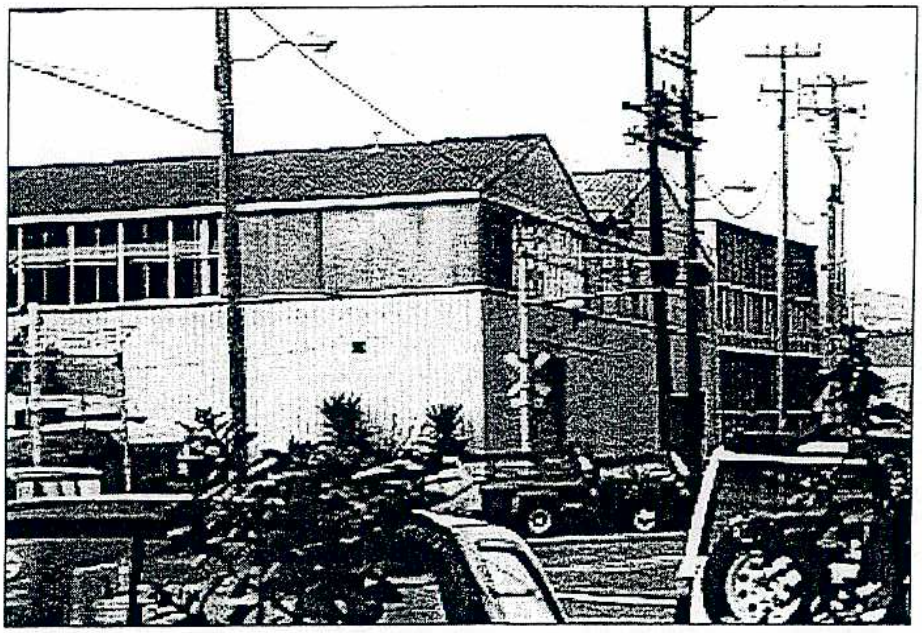


Photo 3. View northwest from Marin Street., 12-13-2000

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #
HRI#

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 4S1

*Resource Name or # 3201 3rd Street

B1. Historic name: Reynolds Metals Co. Buildings
B2. Common name: None
B3. Original Use: Offices and warehouse for storage and manufacturing light metals B4. Present use: Unknown
*B5. **Architectural Style:** International
*B6. **Construction History:** (Construction date, alterations, and date of alterations)
Built in 1956. A 50' by 332' eastern extension was constructed in 1959. A new garage door was installed in 1989. Roll-dow doors with an adjacent manned door were installed in 1989.

*B7. **Moved?** ☒No ☐Yes ☐Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:**
Rail spurs located along eastern façade on Illinois Street.

B9a. Architect: Loubet & Glynn, architects; Ernest Lee, engineer b. Builder: Not Let, contractor
*B10. **Significance: Theme** Industrial Development and Settlement **Area** San Francisco's Central Waterfront
Period of Significance 1854-1948 **Property Type** Industrial **Applicable Criteria** C
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrit

This piece of land does not appear on the 1919 Sanborn Map or on any earlier maps. By 1928, work had begun on the Islais Creek Reclamation project, which entailed creating 281 acres of fill for industrial expansion, new factory sites and dredging 6,000,000 cubic yards of fill to create the present channel. This block first appears in the 1935 block book, which lists the Sa Land Improvement Co. as the owner of Lots 1 and 3. The Southern Pacific Company Atchison, Topeka, & Santa Fe Rail Yar is listed as the owner of Lot 2 -- a narrow strip of land running diagonally through the block (probably for rail tracks). The offi and warehouse for the Reynolds Metals Company were built in 1955 and a large eastern gable addition, "Rasco," was constr in 1959. City Directories list Reynolds Metals Co. or Reynolds Aluminum Supply Co. as the occupants of this building until 1 The 1955/56 City Directory also lists a steel company, Clingan & Fortier Inc., at this address. Several tenants occupied the building simultaneously in the 1990s including Fun Display wood refinishing shop, Bay Area Metals, Metropolitan Glass Corp International Color Service Inc., and a few others.

Both the office and warehouse portions of the building possess integrity of location, design, workmanship, association, settin feeling. The office also possesses integrity of materials; however, much of the façade of the warehouse has been covered in fiberglass panels, which therefore compromises its integrity of materials.

3201 3rd Street appears to be significant under criterion C, as it embodies the distinctive characteristics of a rare method of construction utilizing a completely aluminum exterior, combined with a steel frame. Built for the Reynolds Aluminum Corpora this is an example of both programmatic architecture and a display of engineering architectural metals. This property has be individually evaluated as potentially eligible for the California Register. This property may become eligible for separate listing National Register when the property becomes old enough to meet the Register's 50-year requirement.

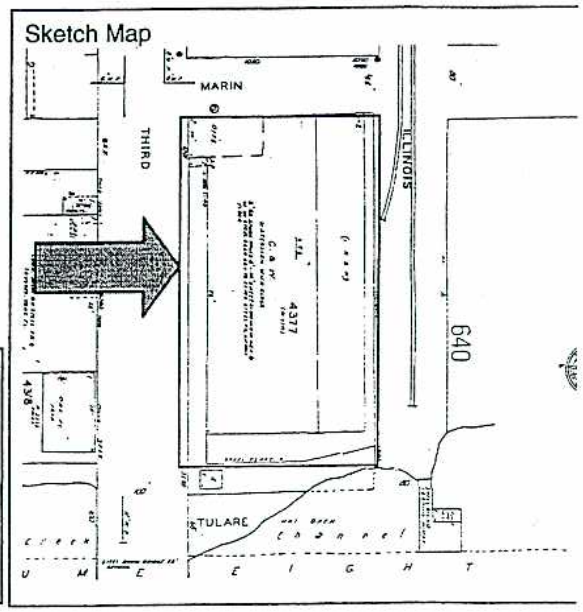
B11. Additional Resource Attributes: (List attributes and codes)
*B12. **References:**
Building Permit #168441, #228102, #8812585, #8901699

B13. Remarks:

*B14. **Evaluator:**
Tim Kelley, historian, Central Waterfront Survey Advisory Committee
***Date of Evaluation:**
July 20, 2001

(This space reserved for official comments.)

Sketch Map



*Required inform