

HISTORIC SURVEYING



Historic Surveying:

7,000 Lessons Learned

Presented by

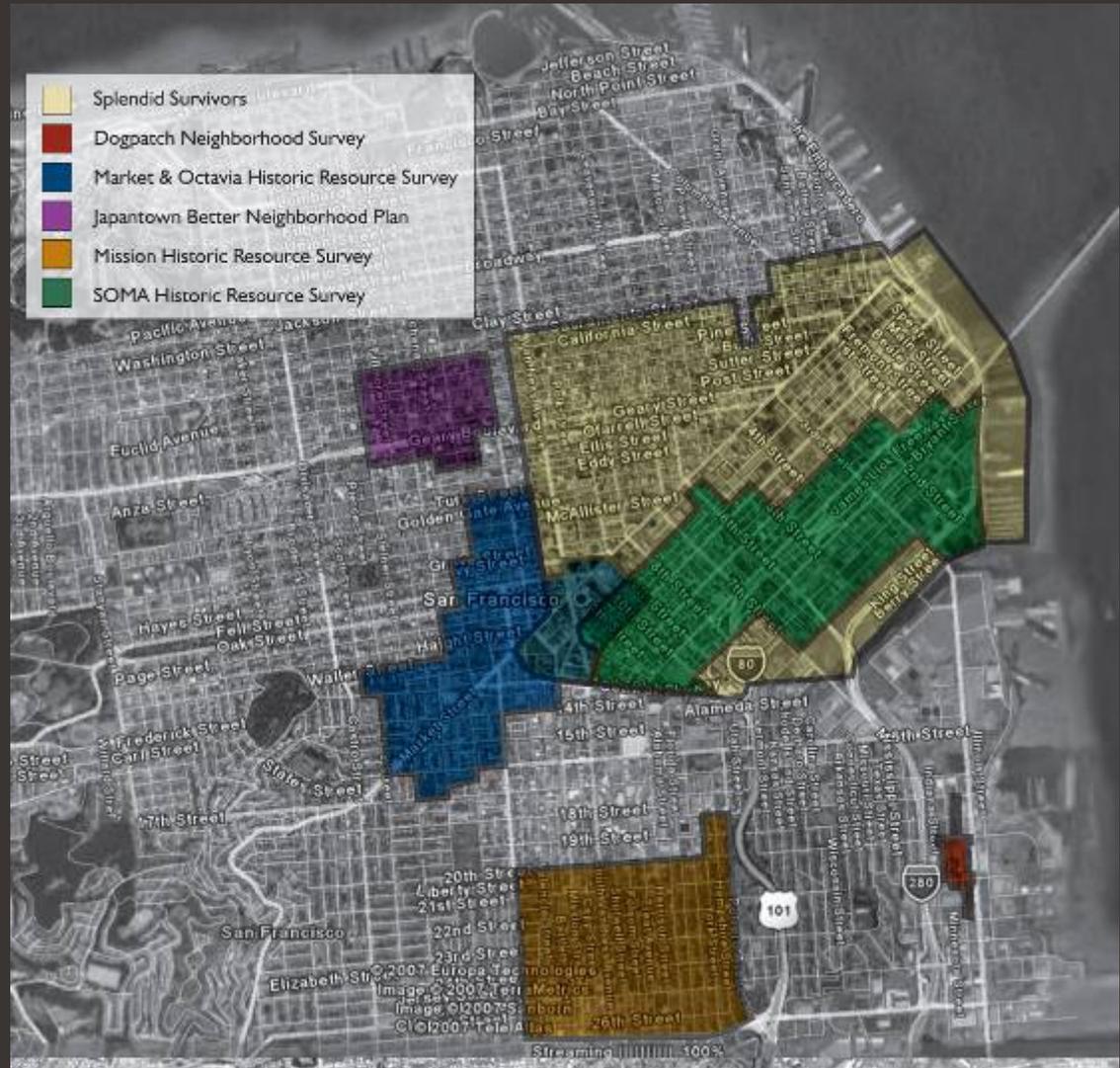
Jonathan Lammers
Historian

Market & Octavia Survey
Mission/SOMA Survey
Richmond PRISM Survey
New Monterey Survey

PAGE & TURNBULL

HISTORIC SURVEYING

SAN FRANCISCO SURVEYS



HISTORIC SURVEYING

Survey Form

City/Parcel: Building Features Details Photos

Building Type: Residential Surveyor: Fagel, Rebecca Survey Date: 11/2/2009 Survey Complete Skip Survey

Story Height: 1 Bays: 3 B Form Code: Yes

Facade Dir: Ext Photo: Yes B Form Area

Resource Attribute Code: HP1 Unknown HP2 Single Family Property HP3 Multiple Family Property HP4 Ancillary Building HP5 Historical

Construction Type: Heavy Timber Frame Masonry - Brick Masonry - Stone Steel Frame Wood Frame

Style: None Romanesque Revival

Chimney: Wood - Rustic Wood - Rustic Wood - Shingle Wood - Shingle Wood - Vertical Wood - Vertical

Roof Form: Flat Gambrel Hip Job Shed

Roofline Features: Exposed Rafters Full Bracing Gable Ornaments Modillion

Roof Materials: Other Shingles - Asphalt Shingles - Wood Tar and Gravel Tile - Clay

Condition: Good

Condition Notes:

SKN Features: None

Site Features Notes: Low decorative metal fence with gate and arbor

Secondary Facade Notes: Slat panels. Turret on corner

Alternate Building Name: J.B. Newman House

Alternate Address:

Additional Bldg Addr:

Signage:

Sign Text:

Cor Yr Built: Cor Yr Bldg Ext: 1968

Cross Street 1: Second

Cross Street 2:

Photo Number (keep w/comm): 2008-1-18-2011

Survey Form

City/Parcel: Building Features Details Photos

Choose A Photo: Photo 00 1185 - 1106 JUAREZ ST

Title: Photo 00 1185 - 1106 JUAREZ ST

Description: Photo 00 1185 - 1106 JUAREZ ST

Source: Page and Turnbull

Use in A Form

Filename: 200802_0006_00

Type: Date Taken: JPG 11/02/09

Survey GIS Photo Path: F:\0801\08024 Napa Survey 3\Cartoon\GIS_Photos_Napa

Update Photo Data Add Photo

Delete Photo



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 _____

Page 1 of 2 *Resource name(s) or number (assigned by recorder) 1105 Juarez Street

P1. Other Identifier: J.B. Newman House

P2. Location: Not for Publication Unrestricted *a. County: Napa and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Napa, CA Date: 1980

*c. Address: 1105 Juarez Street City: Napa Zip: 94559

d. UTM: Zone: 10 mE/ mN (G.P.S.)

e. Other Locational Data: Assessor's Parcel Number (Map, Block, Lot): 006-071-012-000

***P3a. Description:** (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.) 1105 Juarez Street is located on a rectangular lot on the northwest corner of 2nd and Juarez streets. Built in 1868, 1105 Juarez Street is a 1-story over raised basement, wood frame, single-family residence designed in the Queen Anne style. The building has an irregular plan, is clad in replacement wood lap siding, and is capped by a series of gable and hip roofs. The foundation is not visible. The primary facade faces east and features a projecting structural bay capped by a pedimented gable near the center, a recessed entry porch to the south, and a turret with a conical roof on the southeast corner. The porch is accessed by wood steps flanked by metal railings and is covered by a flat roof. The primary entrance is a partially-glazed, paneled, wood replacement door surrounded by wood board trim. Typical fenestration consists of one-over-one, double-hung, vinyl-sash replacement windows with flat board trim. The turret features round arched, one-over-one, double-hung, wood-sash windows. The window trim on the primary facade includes button corner blocks and keystones. The roofline includes a molded frieze, shallow boxed eaves with scrolled brackets, and rake boards, moldings and grid-patterned paneling in the pedimented gable ends. A low, decorative metal fence, with a gate and arbor, encloses the front of the lot. The building appears to be in good condition.

***P3b. Resource Attributes:** (list attributes and codes) HP2. Single family property

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

P5b. Photo: (view and date)
Primary facade, looking west from Juarez Street.
3/24/2009

***P6. Date Constructed/Age and Sources:** Historic
1868
Napa County Assessor's Office

***P7. Owner and Address:**
John Huttinger

***P8. Recorded by:**
Page & Turnbull, Inc. (CPH)
724 Pine Street
San Francisco, CA 94108

***P9. Date Recorded:**
7/22/2009

***P10. Survey Type:**
Intensive

***P11. Report Citation:** (Cite survey report and other sources, or enter 'none') Heritage Napa: Soscol Gateway/East Napa Historic Resource Survey

***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)

DPR 523A (1/95) *Required information

HISTORIC SURVEYING

**Historic surveys
do NOT need to
be overly technical.**

But they DO require:

- Good preparation
- Good record keeping
- Good camera

And sunscreen



THE FIRST 3 RULES

#1: Know WHY you're surveying

- What is the focus?
- What are the goals?

#2: Know WHAT you're surveying

- Context statements are key
- Use pre-survey surveys
- Research what prior work has been done

#3: Know WHERE you're surveying

- Be sure boundaries are clearly defined



Cost-Effective Survey

- Prepare maps ahead of time
 - Download block maps and Sanborn maps so they can be quickly referenced.
- Photograph everything
 - Record all the details you can.
 - Label photos by APN
- Keep a spreadsheet!
 - Seriously, keep a spreadsheet. It will be your best friend.
- Use technology thoughtfully
 - Online aerial views
 - Historic map overlays
- Streamline DPR forms
 - Use bullet point descriptions
 - Assign forms by block face
- Consider using GIS
 - Good maps are powerful tools for presenting survey findings

HISTORIC SURVEYING

PREPARE MAPS

Block Maps

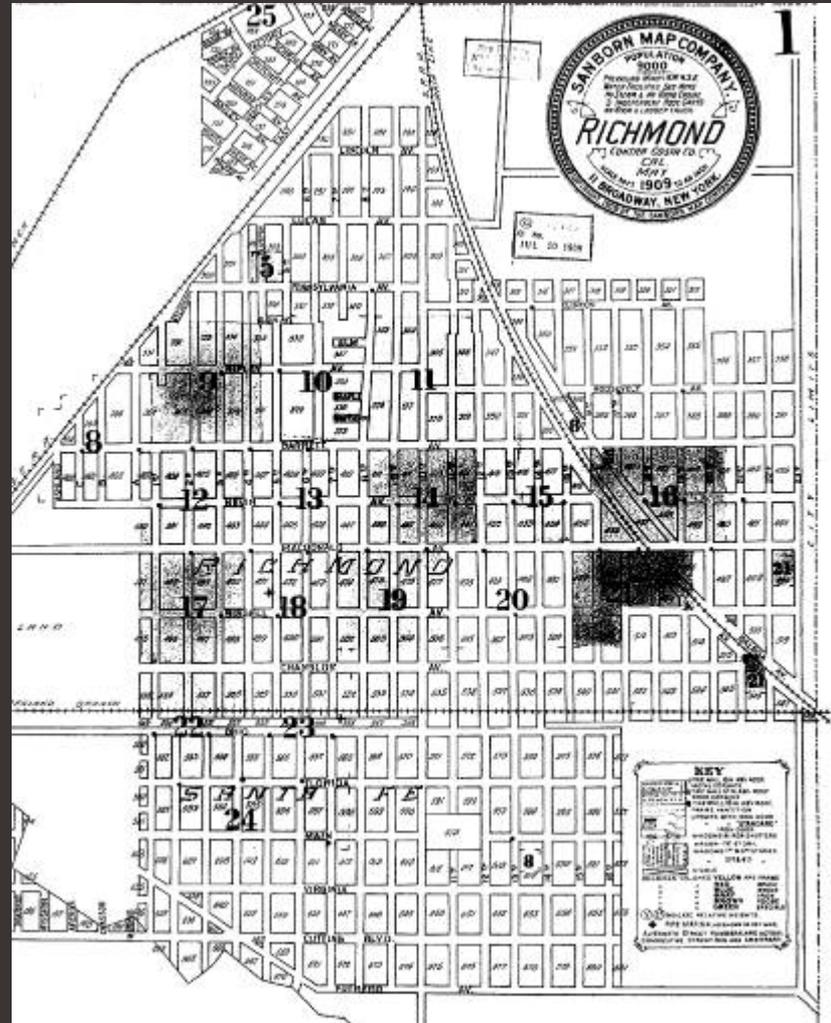
Obtain current copies
Use as field references

Sanborn Maps

Keep a folder for each series
Use the index maps!

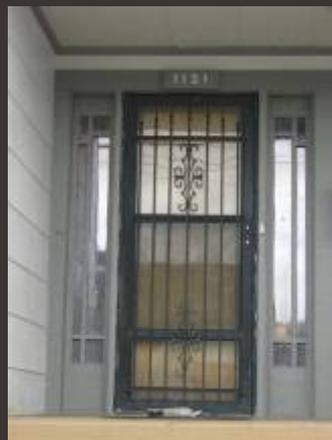
GIS Maps

Gather data files if available



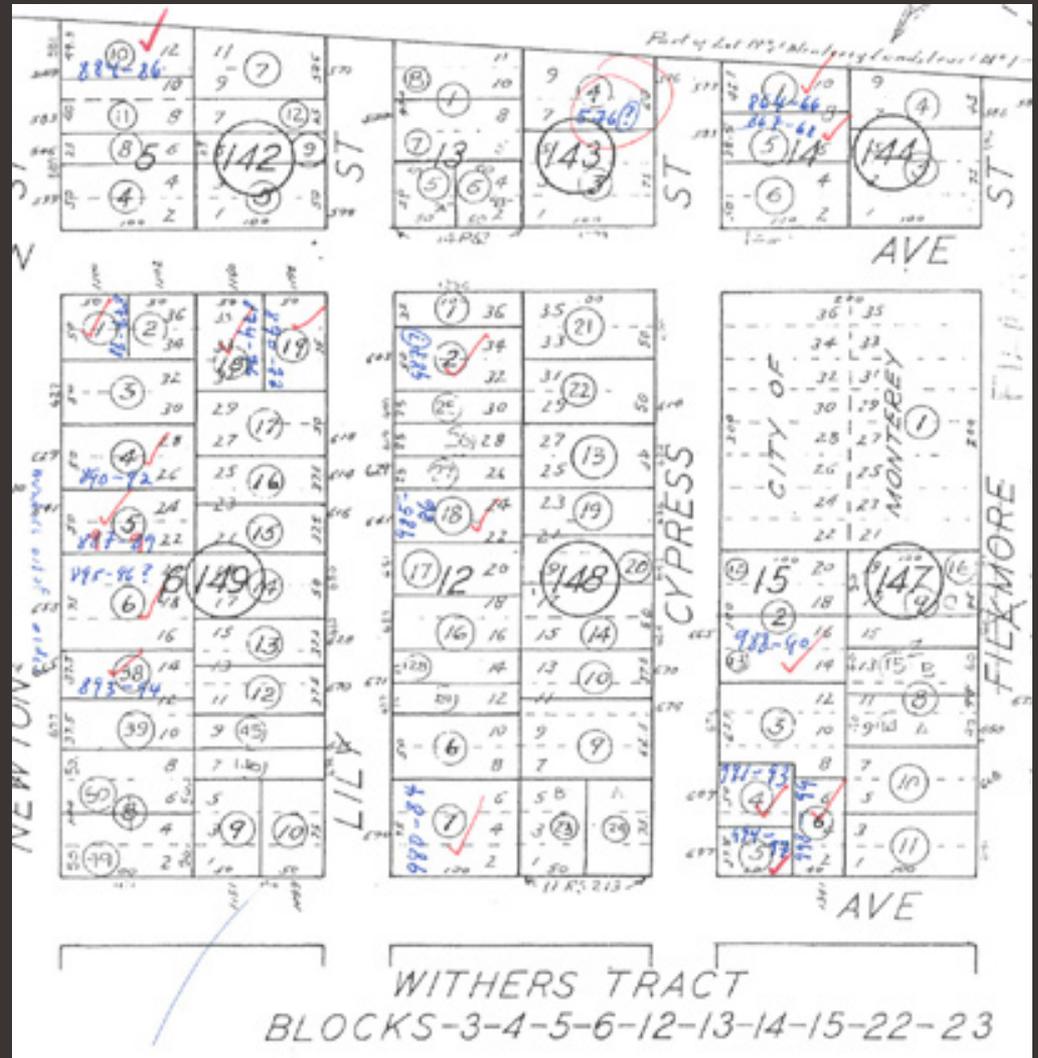
HISTORIC SURVEYING

PHOTOGRAPH EVERYTHING



TRACK PHOTO NUMBERS

- Photo numbers can be written directly on block maps.
- Save photos by APN number.



HISTORIC SURVEYING

KEEP A SPREADSHEET

Can be used to track almost anything

Spreadsheets can also be used to make GIS maps.

	A	B	C	D	F	G	H	I	J	K	O
1	APN	S_STR_NES	STR_NM	S_STR	YR_HS_BLT	Photo Taken	Do A form	Surveyor	A DONE	CHRIS	NOTES
101	534011009	919	7TH	ST	1905	x	x	JGL	1/16/2009		
102	550202015	245	7TH S	ST	1905	x	x	JGL	1/16/2009		
103	550241010	342	7TH S	ST	1905	x	x	JGL			
104	534330006	524	9TH	ST	1905	x	x	CPH			
105	534330011	566	9TH	ST	1905	x					
106	534181022	670	9TH	ST	1905	x				6Y	
107	534292002	401	BARRETT AVE	AVE	1905	x	x				
108	538341001	100	BISSELL AVE	AVE	1905	x	x	CPH	2/27/2009		
109	538330005	214	BISSELL AVE	AVE	1905	x				6Y	
110	538330006	218	BISSELL AVE	AVE	1905	x	x	CPH	2/27/2009		
111	538320001	300	BISSELL AVE	AVE	1905	x	x	JGL	1/16/2009		
112	538200014	335	BISSELL AVE	AVE	1905	x	x	JGL			
113	538310017	401	CHANSLOR AVE	AVE	1905	x					
114	538310015	419	CHANSLOR AVE	AVE	1905	x					
115	538270016	905	CHANSLOR AVE	AVE	1905	x					
116	550142012	417	FLORIDA AVE	AVE	1905	x	x	CPH	2/27/2009		
117	550192004	606	MAINE AVE	AVE	1905	x	x	CB			
118	550192003	618	MAINE AVE	AVE	1905	x	x	CB			
119	550202011	621	MAINE AVE	AVE	1905	x					
120	550192002	624	MAINE AVE	AVE	1905	x	x	CB	2/27/2009		
121	550310028	934	MAINE AVE	AVE	1905	x	x	CB	2/27/2009		
122	538162004	330	NEVIN AVE	AVE	1905	x	x	CPH			
123	544271007	1529	POTRERO AVE	AVE	1905	x	x	CB	2/27/2009		
124	538342003	159	1ST	ST	1905						
125	534012006	926	7TH	ST	1906	Vacant					
126	544010019	118	11TH S	ST	1906	x	x	JGL	12/17/2008		
127	538181030	246	1ST	ST	1906	x	x	CB	1/16/2009		
128	538181031	252	1ST	ST	1906	x	x	CB	1/16/2009		
129	538181033	260	1ST	ST	1906	x	x	CB	12/17/2008		
130	544192001	448	22ND S	ST	1906	x					
131	538181012	247	2ND	ST	1906	x				6Y	
132	534272003	517	2ND	ST	1906	x					
133	538320025	132	3RD	ST	1906	x	x	CPH	12/17/2008		
134	538330013	139	3RD	ST	1906	x	x	CPH	1/16/2009		
135	538330011	153	3RD	ST	1906	x	x	CPH	1/16/2009		

USING TECHNOLOGY THOUGHTFULLY

For each property:

- Consult city or county data
 - Most county assessors have built date info. online

- Check Sanborn maps
 - Sometimes buildings have been moved

- Check aerial views
 - Are there rear additions or outbuildings?
 - Are there alterations not apparent from the street?

HISTORIC SURVEYING

Online Aerial Maps: Rooflines



Mission District

HISTORIC SURVEYING

Online Aerial Maps: Rear Buildings



Mission District

HISTORIC SURVEYING

Online Aerial Maps: Additions & Alterations



Mission District

HISTORIC SURVEYING

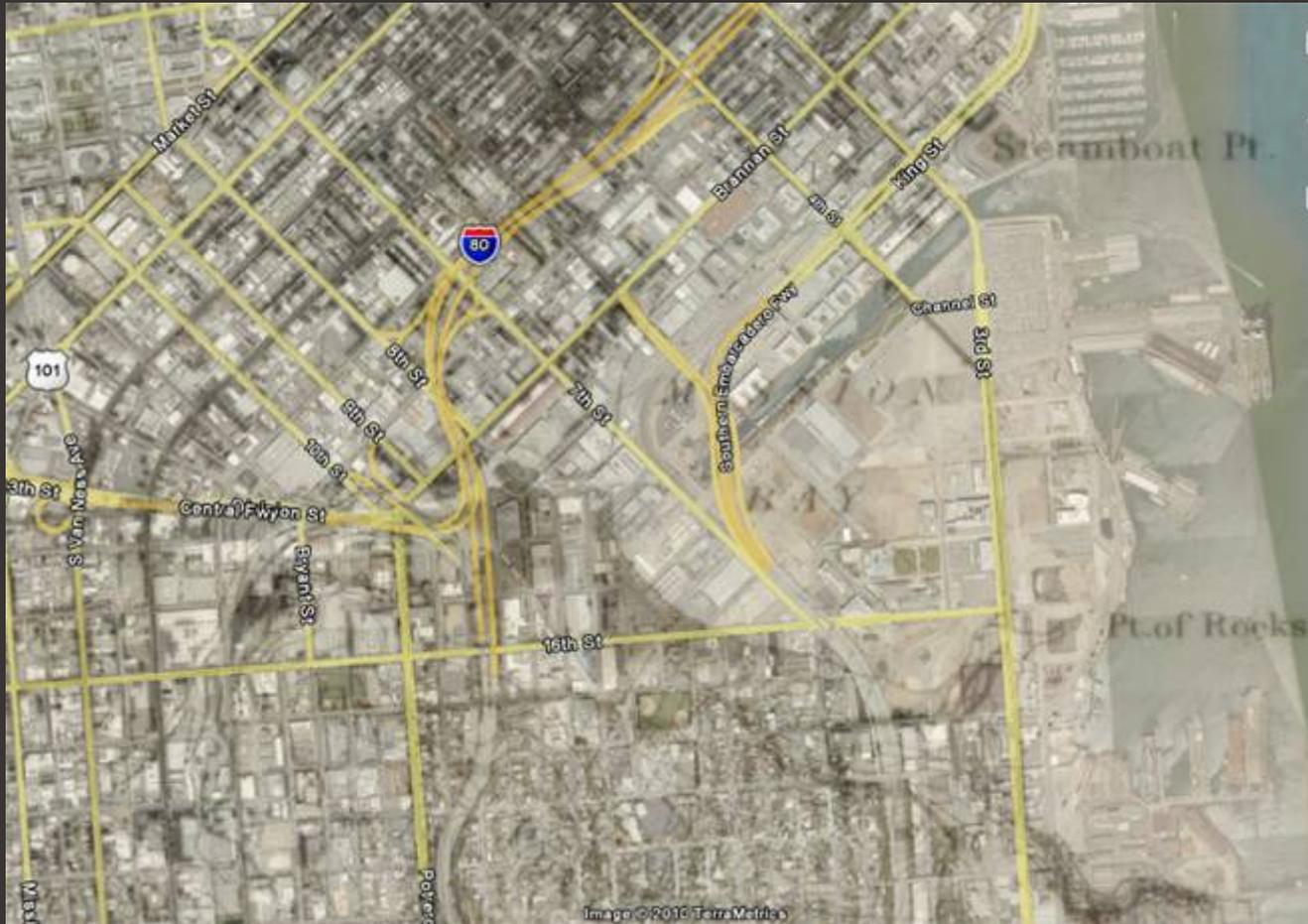
Historic Map Overlays



Google Earth / 1869 Coast Survey Map

HISTORIC SURVEYING

Historic Map Overlays



Google Earth / 1869 Coast Survey Map

HISTORIC SURVEYING

DPR 523 FORMS vs. SPREADSHEETS

Traditional Form
Narrative descriptions

Streamlined Form
Bullet point descriptions

Survey by Spreadsheet
Spreadsheet columns = bullet points

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION		Primary #
PRIMARY RECORD		HRI #
		Trinomial
		NRHP Status Code
Other Listings	Reviewer	Date
Review Code		

Page 1 of 2 *Resource name(s) or number (assigned by recorder) 1105 Juarez Street

P1. Other Identifier: J.B. Newman House

*P2. Location: Not for Publication Unrestricted *a. County: Napa

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Napa, CA Date: 1980

*c. Address: 1105 Juarez Street City: Napa Zip: 94559

d. UTM: Zone: 10 mE/ mN (G.P.S.)

e. Other Locational Data: Assessor's Parcel Number (Map, Block, Lot): 006-071-012-000

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)
1105 Juarez Street is located on a rectangular lot on the northwest corner of 2nd and Juarez streets. Built in 1868, 1105 Juarez Street is a 1-story over raised basement, wood frame, single-family residence designed in the Queen Anne style. The building has an irregular plan, is clad in replacement wood lap siding, and is capped by a series of gable and hip roofs. The foundation is not visible. The primary facade faces east and features a projecting structural bay capped by a pedimented gable near the center, a recessed entry porch to the south, and a turret with a conical roof on the southeast corner. The porch is accessed by wood steps flanked by metal railings and is covered by a flat roof. The primary entrance is a partially-glazed, paneled, wood replacement door surrounded by wood board trim. Typical fenestration consists of one-over-one, double-hung, vinyl-sash replacement windows with flat board trim. The turret features round arched, one-over-one, double-hung, wood-sash windows. The window trim on the primary facade includes button corner blocks and keystones. The roofline includes a molded frieze, shallow boxed eaves with scrolled brackets, and rake boards, moldings and grid-patterned paneling in the pedimented gable ends. A low, decorative metal fence, with a gate and arbor, encloses the front of the lot. The building appears to be in good condition.

*P3b. Resource Attributes: (list attributes and codes) HP2. Single family property

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

P5b. Photo: (view and date)
Primary facade, looking west from Juarez Street.
3/24/2009

*P6. Date Constructed/Age and Sources: Historic
1868
Napa County Assessor's Office

*P7. Owner and Address:
John Huttinger

*P8. Recorded by:
Page & Turnbull, Inc. (CPH)
724 Pine Street
San Francisco, CA 94108

*P9. Date Recorded:
7/22/2009

*P10. Survey Type:
Intensive

Heritage Napa: Soscol Gateway/East Napa Historic Resource Survey

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

*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)

DPR 523A (1/95) *Required information

HISTORIC SURVEYING

DPR 523 A FORMS

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION PRIMARY RECORD		Primary # _____ HRI # _____ Trinomial _____ NRHP Status Code _____
Other Listings	Reviewer	Date
Review Code _____	Reviewer _____	Date _____

Page 1 of 2 *Resource name(s) or number(assigned by recorder) 1105 Juarez Street

P1. Other Identifier: J.B. Newman House

*P2. Location: Not for Publication Unrestricted *a. County: Napa

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Napa, CA Date: 1980

*c. Address: 1105 Juarez Street City: Napa Zip: 94559

*d. UTM Zone: 10 mE/ _____ mN (G.P.S.)

*e. Other Locational Data: Assessor's Parcel Number (Map, Block, Lot): 006-071-012-000

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)
1105 Juarez Street is located on a rectangular lot on the northwest corner of 2nd and Juarez streets. Built in 1868, 1105 Juarez Street is a 1-story over raised basement, wood frame, single-family residence designed in the Queen Anne style. The building has an irregular plan, is clad in replacement wood lap siding, and is capped by a series of gable and hip roofs. The foundation is not visible. The primary facade faces east and features a projecting structural bay capped by a pedimented gable near the center, a recessed entry porch to the south, and a turret with a conical roof on the southeast corner. The porch is accessed by wood steps flanked by metal railings and is covered by a flat roof. The primary entrance is a partially-glazed, paneled, wood replacement door surrounded by wood board trim. Typical fenestration consists of one-over-one, double-hung, vinyl-sash replacement windows with flat board trim. The turret features round arched, one-over-one, double-hung, wood-sash windows. The window trim on the primary facade includes button corner blocks and keystones. The roofline includes a molded frieze, shallow boxed eaves with scrolled brackets, and rake boards, moldings and grid-patterned paneling in the pedimented gable ends. A low, decorative metal fence, with a gate and arbor, encloses the front of the lot. The building appears to be in good condition.

*P3b. Resource Attributes: (list attributes and codes) HP2, Single family property

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



*P5b. Photo: (view and date)
Primary facade, looking west from Juarez Street.
3/24/2009

*P6. Date Constructed/Age and Sources: Historic
1868
Napa County Assessor's Office

*P7. Owner and Address:
John Huttinger

*P8. Recorded by:
Page & Turnbull, Inc. (CPH)
724 Pine Street
San Francisco, CA 94108

*P9. Date Recorded:
7/22/2009

*P10. Survey Type:
Intensive

*P11. Report Citation: (Cite survey report and other sources, or enter "none")
Heritage Napa: Soscol Gateway/East Napa Historic Resource Survey

*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)

DPR 523A (1/95)

*Required information

State of California — The Resources Agency DEPARTMENT OF PARKS AND RECREATION PRIMARY RECORD		Primary # _____ HRI # _____ Trinomial _____ NRHP Status Code _____
Other Listings	Reviewer	Date
Review Code _____	Reviewer _____	Date _____

Page 1 of 1 *Resource name(s) or number(assigned by recorder) 340 Belden Street

P1. Other Identifier: _____

*P2. Location: Not for Publication Unrestricted *a. County: Monterey

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad: Monterey, Calif. Date: 1000

*c. Address: 340 Belden Street City: Monterey Zip: 93940

*d. UTM Zone: 10 mE/ _____ mN (G.P.S.)

*e. Other Locational Data: Assessor's Parcel Number (Map, Block, Lot): 001-057-005

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries.)
• Rectangular lot, northeast side of Belden Street, between Drake and Dickson avenues
• 1.5 stories
• Wood frame construction
• Regional Folk style
• Irregular plan
• Cross gable roof clad with asphalt shingles, boxed eaves with rake moldings and narrow frieze
• Foundation not visible
• Vinyl siding with beaded edge
• Hip-roofed porch at west corner of house, square wood posts with decorative brackets, solid railing. Partially-glazed, paneled wood replacement entry door.
• Double-hung vinyl sash windows with fluted pilasters and an arched-and-pediment hood molding (trim does not appear to be original).
• Corner boards, water table
• Concrete block wall topped with brick coping encloses front of lot, paved driveway to northwest of house.

*P3b. Resource Attributes: (list attributes and codes) HP2, Single Family Property

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



*P5b. Photo: (view and date)
View of primary facade from Belden Street
8/5/09

*P6. Date Constructed/Age and Sources: Historic
Circa 1800
SanLom Map estimate

*P7. Owner and Address:
Nancy Hardie
340 Belden Street
Monterey, CA 93940

*P8. Recorded by:
Page & Turnbull, Inc. (CPH)
724 Pine Street
San Francisco, CA 94108

*P9. Date Recorded:
10/27/2009

*P10. Survey Type:
Reconnaissance

*P11. Report Citation: (Cite survey report and other sources, or enter "none") New Monterey Historic Context Statement

*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)

DPR 523A (1/95)

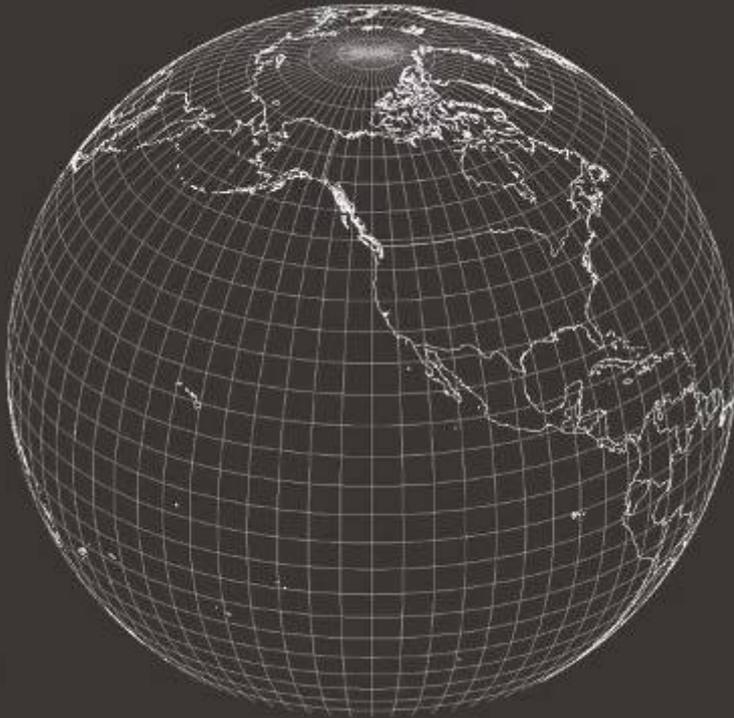
*Required information

HISTORIC SURVEYING

SURVEY BY SPREADSHEET

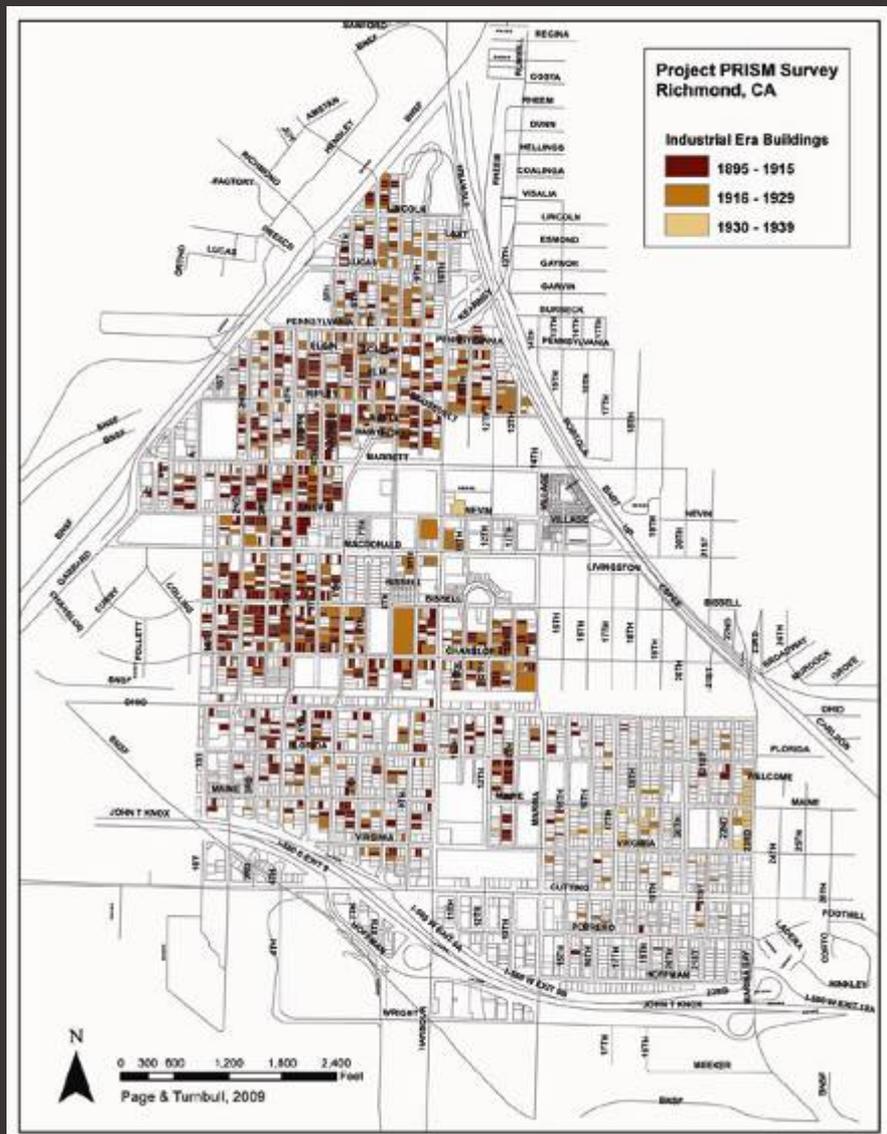
	APN	From	To	Street	Resource Attribute Code (1)	Year Built	Year Built (Source)	Architectural Style	Plan	Roof	Cladding	Windows	Doors	Ornament	Retention of Historic Character	Building on Rear of Lot	Notes
1																	
7	4024023	2699	2699	18TH		1966	SF Assessor										
8	4078001	2501	2507	19TH	HP3, Multiple Family Property	1925	SF Assessor	Classical Revival	Rectangular	Flat	Wood: Tongue-in-groove	Wood: Double hung	Wood: Fully glazed	Corinthian columns, brackets	high		
9	4078021	2517	2517	19TH	HP2, Single Family Property	1895	Sanborn maps/estimate	Queen Anne	Rectangular	Gable	Wood: Channel drop	Wood: Double hung	Wood: Partially glazed	Spindlework, Fish scale shingles, Art glass	high		Mirrored with 2519 and 2525 19th St.
10	4078020	2519	2519	19TH	HP3, Multiple Family Property	1895	Sanborn maps/estimate	Queen Anne	Rectangular	Gable	Wood: Channel drop	Wood: Double hung	Wood: Partially glazed	Spindlework, Fish scale shingles.	high		Mirrored with 2517 and 2525 19th St.
11	4025004	2524	2524	19TH	HP2, Single Family Property	1928	SF Assessor	Mediterranean Revival	Rectangular	Flat	Stucco: Smooth	Wood: Casement	Wood: Partially glazed	Balconette, Cartouche	high		
12	4078019	2525	2525	19TH	HP2, Single Family Property	1895	SF Assessor	Queen Anne	Rectangular	Gable	Wood: Channel drop	Wood: Double hung	Wood: Paneled/Partially glazed	Fish scale shingles, Brackets	high	x	Original stables in rear
13	4025005	2530	2530	19TH	HP2, Single Family Property	1929	SF Assessor	Mediterranean Revival	Rectangular	Flat	Stucco: Textured	Wood: Casement	Wood: Paneled/Partially glazed	Arcaded wing wall	high		
14	4025006	2550	2550	19TH	HP2, Single Family Property	1928	SF Assessor	Mediterranean Revival	Rectangular	Flat	Stucco: Smooth	Wood: Double hung	Wood: Flush	Balconette, Arched window	high		Garage door appears original
15	4079035	2603	2603	19TH	HP3, Multiple Family Property	1907	SF Assessor	Edwardian	Rectangular	Flat	Stucco: Smooth	Aluminum: Single hung	Wood: Flush	Ionic columns	low		
16	4079034	2605	2605	19TH	HP2, Single Family Property	1889	SFPUC	Mediterranean Revival	Rectangular	Flat	Stucco: Textured	Vinyl: Double hung	Wood: Paneled with Fenlight	Arched window	low		

Using GIS



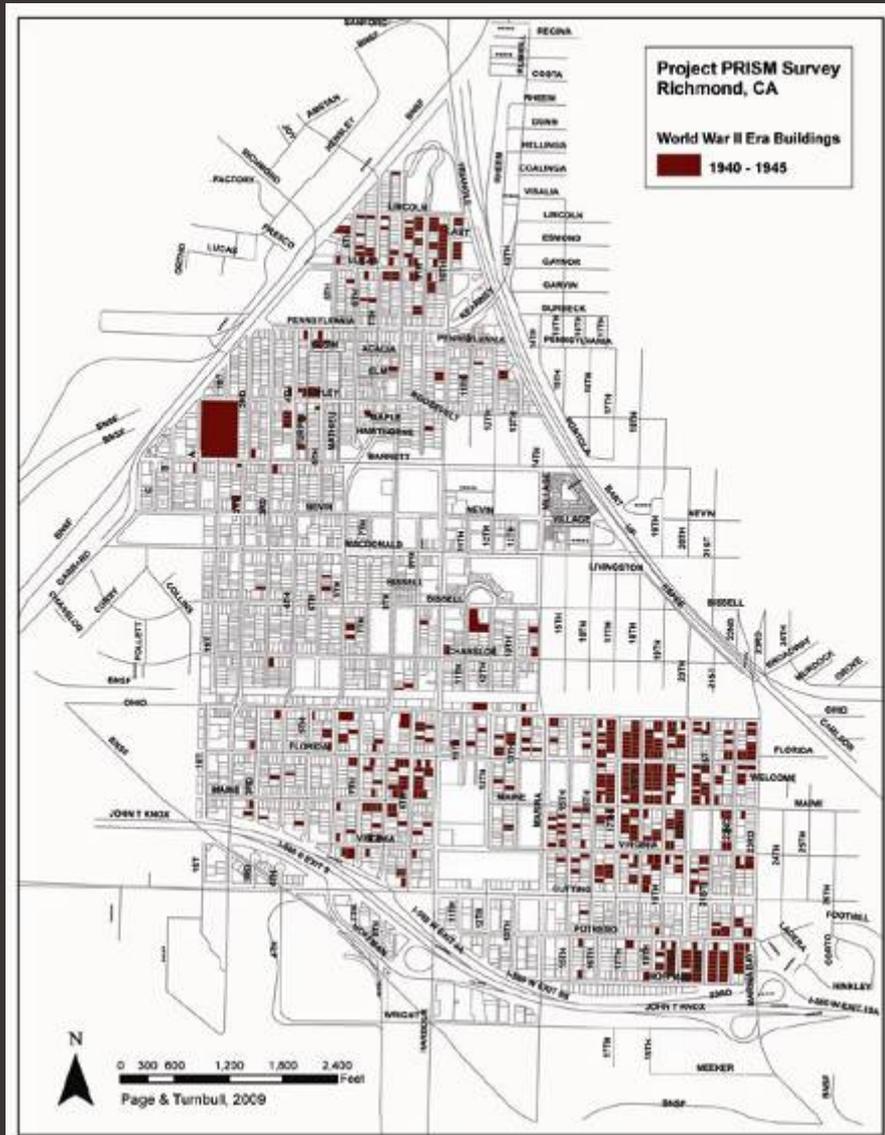
- A Geographic Information System (GIS) uses computer tools to analyze data tied to any location on the earth—usually with maps.
- Good survey information will help you make good maps.
- Good maps help others make good decisions.

GIS Mapping



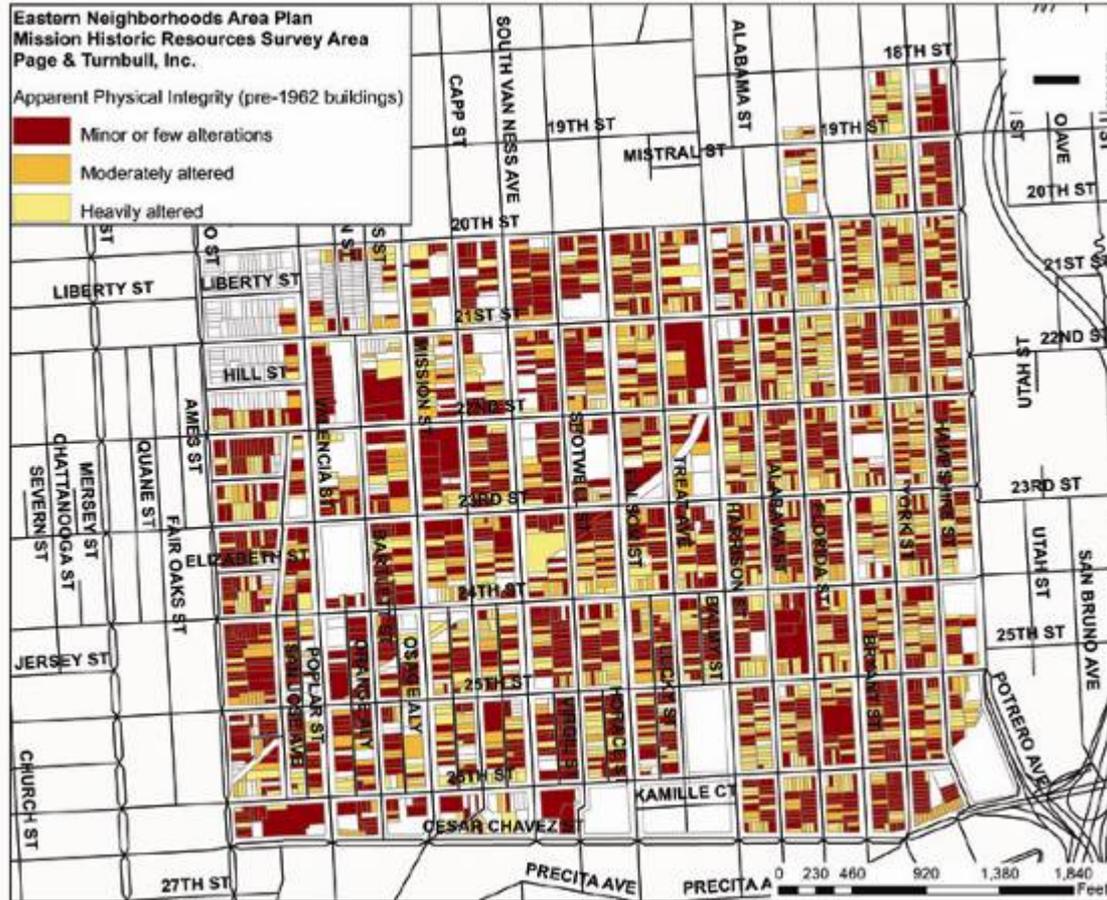
Richmond PRISM Survey
Development 1895 - 1939

GIS Mapping



Richmond PRISM Survey
World War II Development

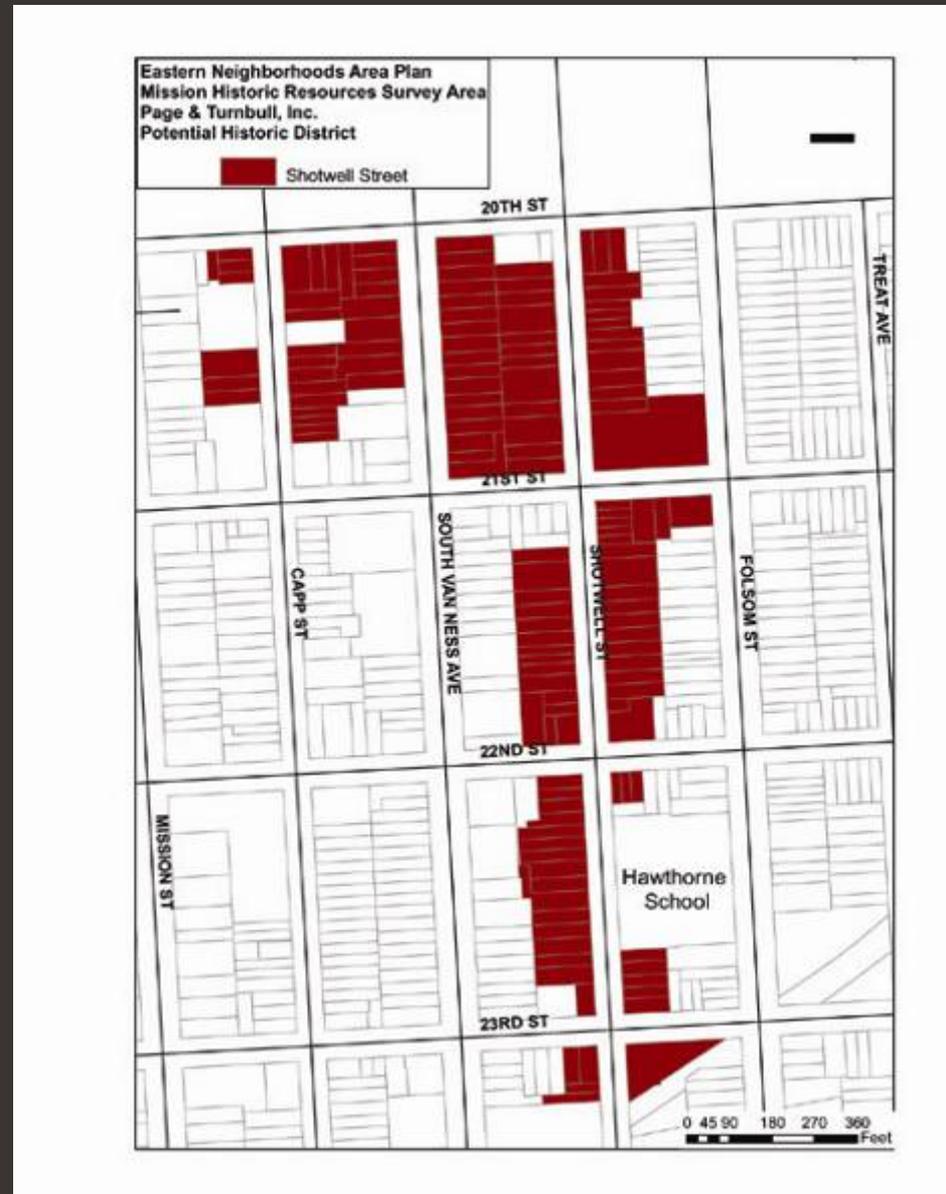
GIS Mapping



Mission Survey – Level of Alterations

HISTORIC SURVEYING

GIS Mapping



Mission Survey – Potential
Historic District

HISTORIC SURVEYING

Thank you.