

Surveys

Introduction &
Approaches

Agenda

Introduction: Surveys Overview

- Vital role as planning tool

- Scale & level of detail

Approaches: Technology Used

- Databases

- GIS

- Smartphone & tablet apps

- Model/drawing-based solutions

- Other solutions

Introduction

Transamerica Pyramid 207 32 2
 street address block number lot number summary

building type/use/number of floors landmark number

RELATIONSHIP WITH SURROUNDING BUILDINGS
 Relationship of setting to building -2 -1 0 1 2 (3) 4 5
 Importance as contribution to a cluster/streetscape -2 (1) 0 1 2 3 4 5

ARCHITECTURAL DESIGN VALUATION
 Facade proportions -2 -1 0 1 2 (3) 4 5
 Richness/Excellence of detailing/decoration -2 -1 0 (1) 2 3 4 5
 Unique visual feature of interest 0 1 2 3 4 (5)
 Example of a rare or unusual style or design 0 1 2 3 4 (5)
 Overall architectural quality -2 -1 0 1 (2) 3 4 5

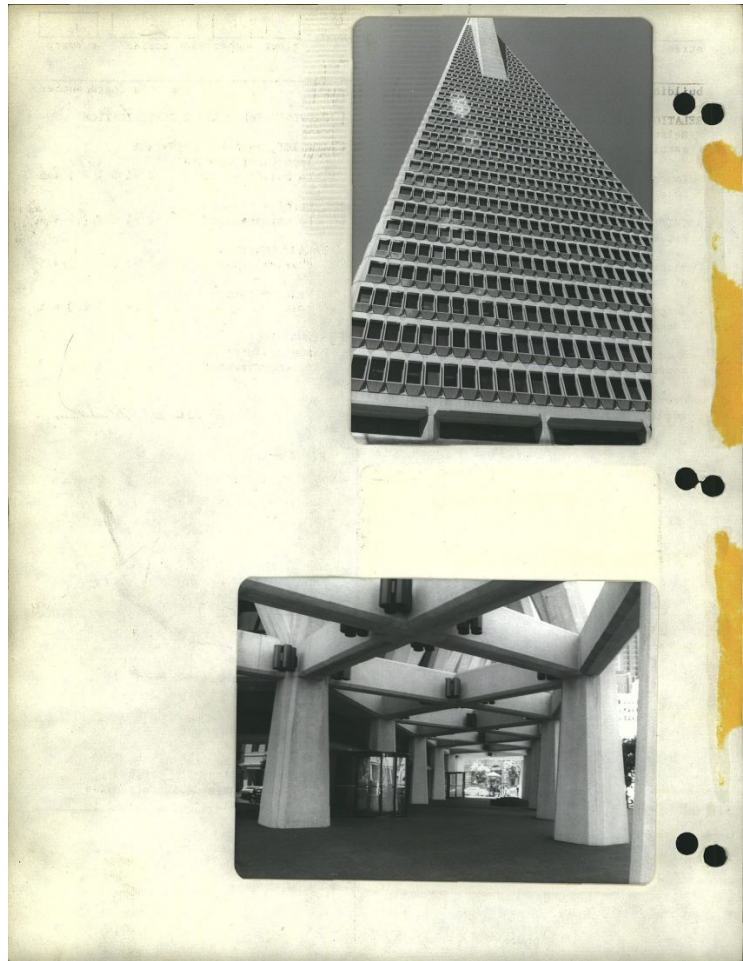
PROPOSED FOR FURTHER INVESTIGATION
 CORNICE, PARAPET, APPENDAGE
 Importance of cornice to building design -2 -1 0 1 2 3 4 5
 Cornice contribution to streetscape -2 -1 0 1 2 3 4 5
 FACADE CONDITION
 Physical condition -2 -1 0 1 2 3 (4) 5
 Paint/Material color -2 -1 0 1 2 3 (4) 5
 REMODELING
 Appropriateness of improvements -2 -1 0 1 2 3 4 5

Field Notes
 poor lobby materials and construction. A part of the cityscape probably in relation to site as the little tower grew on Paris. Slender, light colored tower. Unfortunately oversized construction base is poor transition to surrounding mid scaled existing bldgs.

Review Notes
 Junior League Listing text index file
 Northern California Guide
 Other Listing _____

Style Expressionistic
 Arch't/bldr. Wm. Pereira
 date _____ source _____

photo 279-5,67
 DCP 1976 Survey F7



Beal

Address _____ Block _____ Lot _____

REVIEW PANEL NOTES
 SETTING -2 -1 0 1 2 3 4 5
 CLUSTER/STREETSCAPE -2 -1 0 1 2 3 4 5
 FACADE PROPORTIONS -2 -1 0 1 2 3 4 5
 DETAILING/DECORATION -2 -1 0 1 2 3 4 5
 UNIQUE FEATURES 0 1 2 3 4 (5)
 RARE STYLE/DESIGN Address 0 1 2 3 (4) 5

OVERALL ARCHITECTURAL QUALITY -2 -1 0 1 (2) 3 4 5
 SUMMARY 3-4

STYLE #/STREETSCAPE -2 -1 0 1 2 3 4 5

ARCHITECT _____
 DESIGNER _____
 BUILDER Wm. Pereira

APPROXIMATE DATE _____

SEE BACK FOR COMMENTS

an offense to the city in many respects (carragee etc) but an undeniable landmark

Building which is gaining a slow but steady affluence in the hearts of SFers, will eventually be as ~~important~~ important a symbol of the city as the cable cars (which are not necessarily very attractive either)

SEE BACK FOR COMMENTS

The Old Way

Today's Historic Resource Surveys can examine a wide range of topics beyond architecture, including:

- Cultural Landscapes

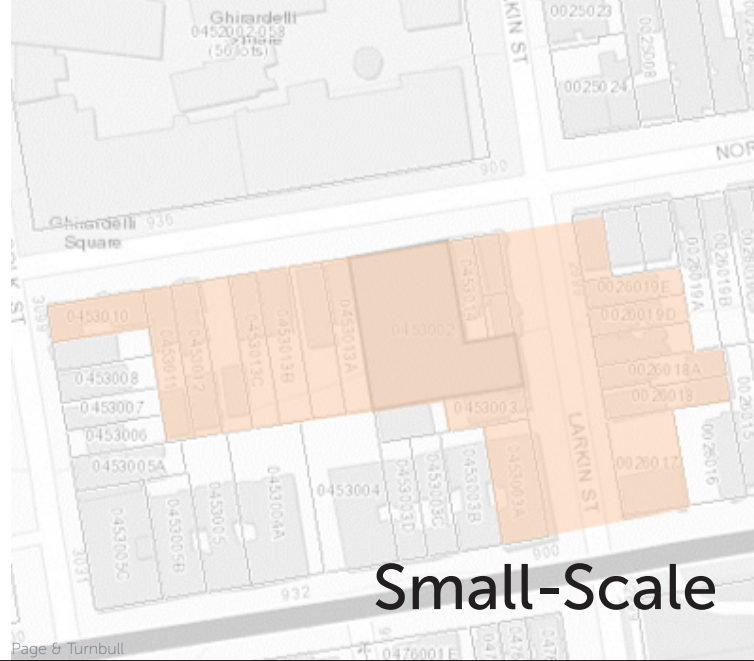
- Ethnic or Underrepresented Histories

- Recent Past (Less Than Fifty Years Old)

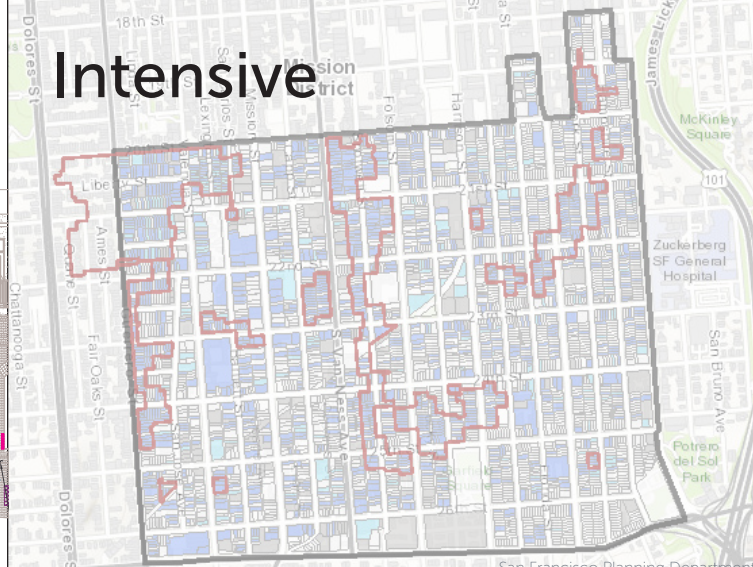
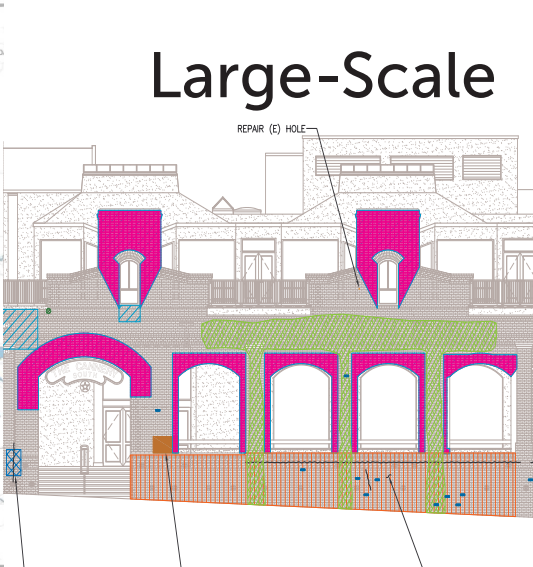
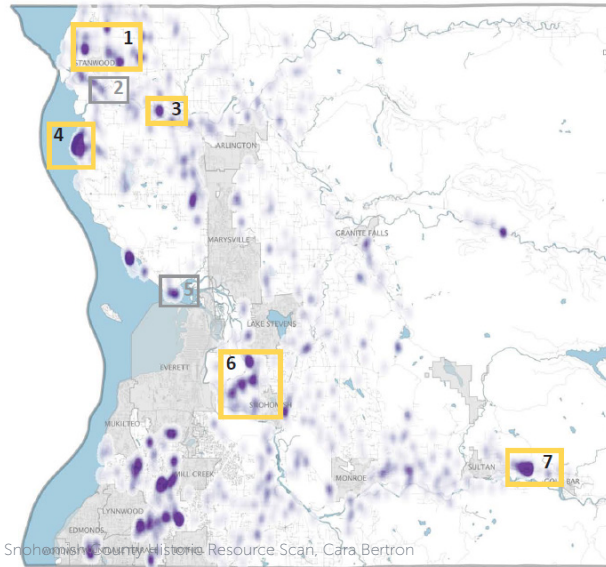
“More Than A Pretty Box”

SUMMARY OF EXISTING CONDITIONS
 A summary of the existing conditions of the 930 Grove Street property follows. Conditions are organized by character-defining features for the Site, Exterior, and Interior. The physical characteristics of each character-defining feature is given in the Physical Description section above.

- Site**
- **Wrought iron:** Fair
 - Areas of the wrought iron are showing rust and modern modifications to the design, including the addition of barbed or chicken wire in some areas. Some ornamental finials are broken or missing. One section of fence has been relocated to form a high barrier at an otherwise accessible corner of the yard.
 - **Concrete:** Poor
 - The cast-in-place concrete is heavily spalled, with many of the faces of the associated ashlar courses detached completely. Cracks are numerous, leading to one of phase movement in some areas. Landscape overgrowth and weeds peak through in many locations.



Address	Photograph	Property Information
3510 Baker Street		Block/Parcel: 0915/010A Year Built: 1927 Architectural Style: Mediterranean Revival Historic Status: B - Unknown / Age Eligible Contributor: Yes
3520 Baker Street		Block/Parcel: 0915/010B Year Built: 1928 Architectural Style: Mediterranean Revival Historic Status: B - Unknown / Age Eligible Contributor: Yes
3530 Baker Street		Block/Parcel: 0915/010E Year Built: 1928 Architectural Style: Altered Mediterranean Revival into Craftsman Historic Status: B - Unknown / Age Eligible Contributor: No



State of California - The Resources Agency
 DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # _____
 HRS # _____
 Title # _____
 OHR Status Code: _____
 Reviewer: _____ Date: _____

Page 1 of 3 Resource Name or #: (Assigned to recorder) 715 SHOTWELL ST

P1. Other Identifier:
 Not for Publication Unrestricted

P2. Location: County: San Francisco USGS Quad: San Francisco North, CA Date: 1995 City: San Francisco ZIP: 94110
 Address: 715 SHOTWELL ST
 UTM Zone: Easting: Northing:

P3a. Description: (Describe resource and major elements, include design, materials, condition, alterations, site, setting, and boundaries)
 715 Shotwell Street is located on a 60' x 122.5' rectangular lot on the east side of Shotwell Street between 21st and 22nd Streets. Built ca. 1928, 715 Shotwell Street is a "Victory over Land" bungalow, single family residence designed in the Italianate style. The cross-plan building, clad in channel drop wood siding, is set back on its lot and capped by a hipped roof. The foundation is not visible. The primary facade faces west and features an angled bay window with modest wood surrounds, with a prominent recessed bay and doorway to the north. The entry includes a recessed porch to the south, featuring pilasters and a column, and a smaller window is also located near the entry. The facade terminates in a modest silhouette connected with a bracketed cornice. The building is set back from the street. Other site details include concrete steps, a concrete side wall, decorative metal gate, and landscaping. An additional building, originally used as a stable, is located at the rear of the property to the north and is screened by a wood fence. The building appears to be in good condition.

P3b. Resource Attributes: (SM attributes and codes) NPO: Single Family Property
 Building Structure Object Site District Element of District Other

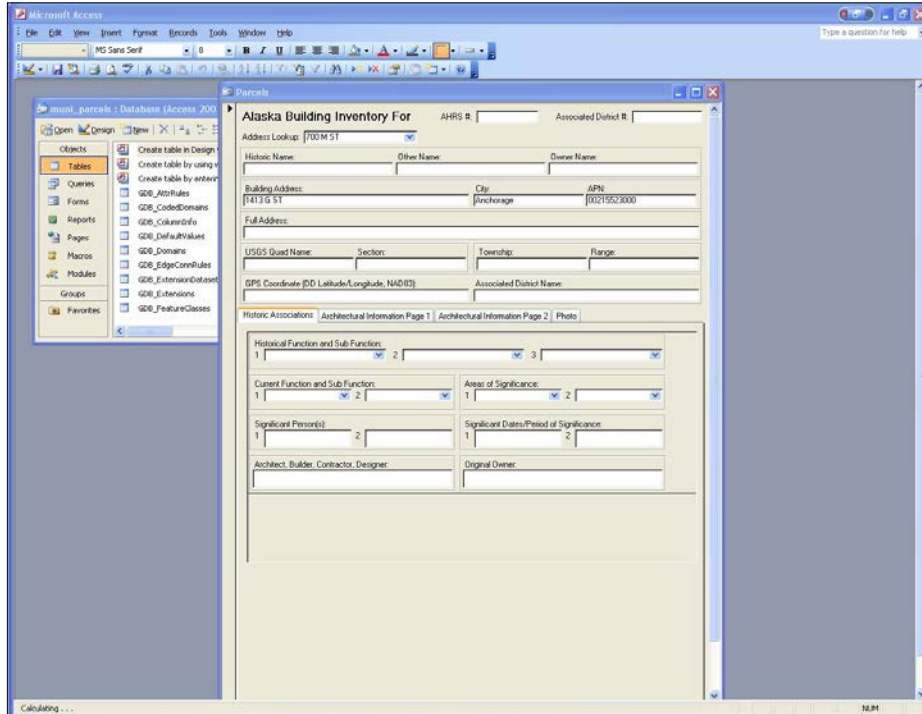
P3c. Resource Present: Building Structure Object Site District Element of District Other

P4. Photo:
 P4b. Description of Photo: Frontal view of primary facade on Shotwell Street. 3/16/2008
 P4c. Date Constructed/Age: Historic Prehistoric Both
 Ca. 1928, 1929 Coast Survey Map set
 P4d. Owner and Address: LICHTNER MARVIN TRUST THE
 715 SHOTWELL ST
 SAN FRANCISCO, CA
 P4e. Recorded By: Page & Turnbull, Inc. (JULIA CO)
 124 Pine Street
 San Francisco, CA 94108
 P4f. Date Recorded: 3/15/2008
 P4g. Survey Type: Reconnaissance

P5. Report Citation: (Site survey report and other sources, or enter "None")
 Eastern Neighborhoods Mission Survey
 Attachments: HOME Location Map Continuation Sheet Building, Structure, and Object Record
 Archaeological Record District Record Linear Feature Record Mining Station Record Rock Art Record
 Artifact Record Photograph Record Other (list): _____
 DPR 823 A (1/18) *Required Information

Scale & Level of Detail

Approaches



Alaska District Inventory Form

District AHRS #:

Historic District Name:		Other Name:	
District Boundary Description (Describe limits of district and attach map showing district boundary and contributing resources. Use continuation sheets as needed)			
USGS Quad Name and Map Sheet:	Section:	Township:	Range:
GPS Coordinate (DD Latitude/Longitude, NAD83):		City/Town/Village:	

Historic Associations

Historical Function and Sub-function:		Areas of Significance	
1 other	2 other	1 other	2 other
Current Function and Sub-function:		Significant Dates/Period of Significance	
1 other	2 other	1	2
Significant Person(s):		Cultural Affiliation:	
Architect, Builder, Contractor, Designer:			

Associated Resources

# Contributing	Buildings:	Sites:	Objects:	Structures:	Total
# Noncontributing					0
Contributing Property Types: (examples: house, canal, corner, park)					
1		2		3	4

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

Page 1 of 1 Resource name(s) or number assigned by recorder

*P1. Other Identifier: _____

*P2. Location: District for Publication Uninvestigated County San Francisco

*P3. USGS 7.5 Quad San Francisco North, Calif. Date: 1995

*P4. Address: _____ City San Francisco Zip 94 _____

*P5. Other Locational Data: Assessor's Parcel Number Block Lot

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

This building appears to be in condition:

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

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

*P5a. Photo: (view and date)

View from: _____

*P6. Date Constructed/Age and Source: Historic

*P7. Owner and Address: _____

*P8. Recorded by: _____

Page & Turnbull, Inc.
724 Pine Street
San Francisco, CA 94108

*P9. Date Recorded: _____

*P10. Survey Type: Reconnaissance

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

*Attachments: Aerial Photo Location Map Sketch Map Continuation Sheet Building, Structure, and Object Record

Archaeological Record District Record Linear Feature Record Mining Station Record Rock Art Record

Artifact Record Photograph Record Other (list): _____

DPR 523A (1/95)

*Required information

Databases

OHR FIGSS District Contributor

Confirmed Information

District name: Venice Blvd Multi-family Residential Historic District

Historic name:

Context theme property 1 of 1

Context: Residential Development and Suburbanization, 1850-1980

Sub-Context: Multi-Family Residential Development, 1910-1980

Theme: Multi-Family Residential, 1910-1980

Sub-Theme: Multi-Family Residential District, 1910-1980

Property type: Residential-Multi Family

Property sub-type: Multi-Family District

Resource Details | Construction History | Architectural Details

Property details

Physical details

Address: 11535 W VENICE BLVD (Primary)
11537 W VENICE BLVD
11539 W VENICE BLVD

Location:

Description:

Primary photo Photo 1 of 1

Resource attributes

Original use:

Property type: Residential-Multi Family

Property sub type: Stucco Box/Dingbat

Current use: Residential - Multi-Family

Attributes: HP03. Multiple family property

Stories: 2

Building Structure Object Site Other

ArcCatalog - P:\160xx\16199_Sonoma Developmental Center\GIS\A_GIS_Layers\SDC.gdb

File Edit View Go Geoprocessing Customize Windows Help

P:\160xx\16199_Sonoma Developmental Center\GIS\A_GIS_Layers\SDC.gdb

Catalog Tree

- Folder Connections
 - O:\CRS\GIS
 - P:\150xx\15181_Downtown Sonoma Preserv
 - P:\160xx\16199_Sonoma Developmental Cen
 - A_GIS_Layers
 - ForGeoreferencing
 - Sources
 - SDC.gdb
 - CartographicBuildingFootprints
 - CDR_PARCELS
 - SDC_HD_Boundary
 - TRA_STREETS
 - B_Working_Maps
 - C_Excel
 - D_Notes
 - E_PDF_Maps
 - P:\160xx\16208_Palo Alto Eichler Neighborh
- Toolboxes
- Database Servers
- Database Connections
- GIS Servers
- My Hosted Services
- Ready-To-Use Services
- Tracking Connections

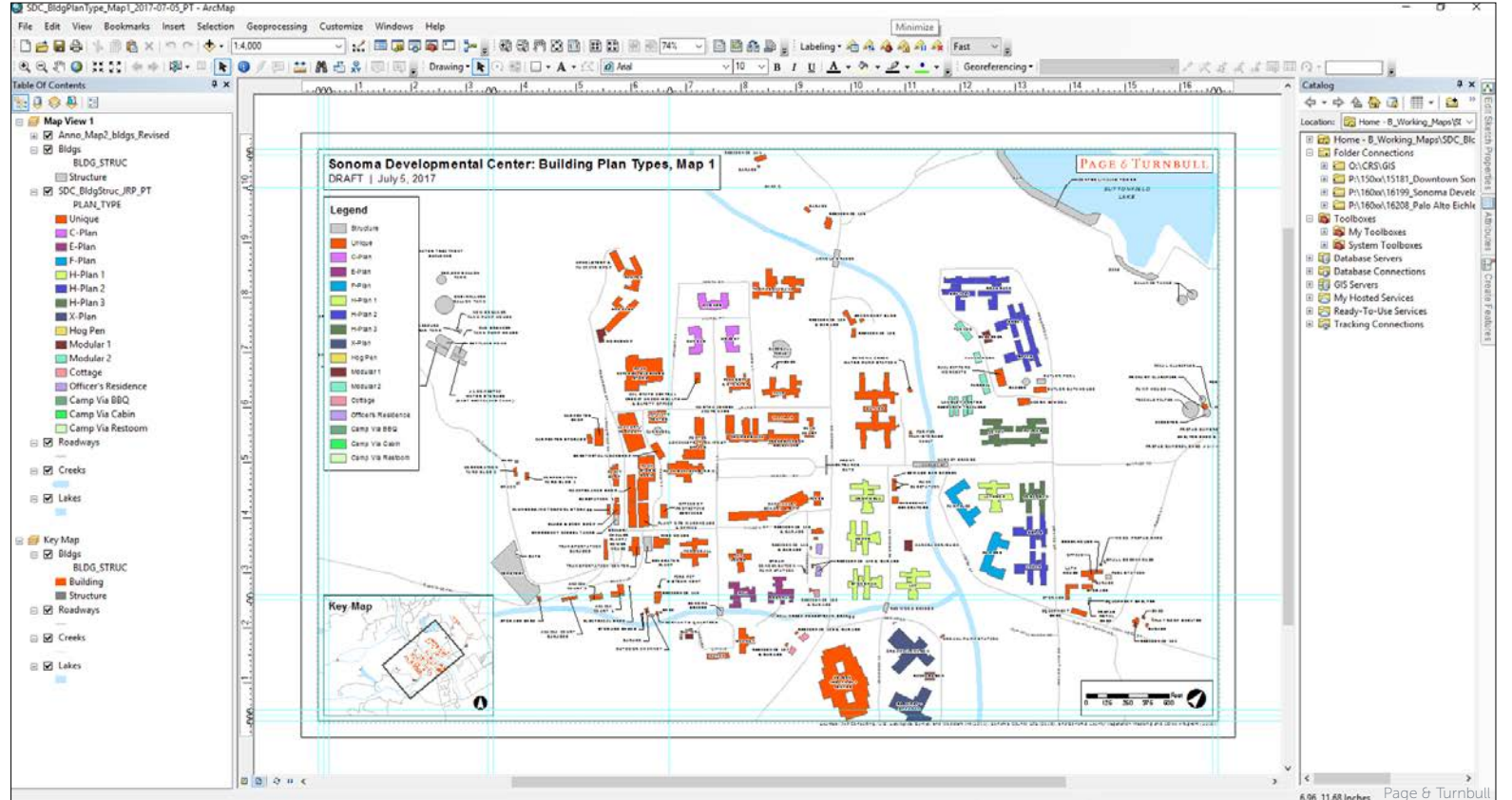
Name	Type
CartographicBuildingFootprints	File Geodatabase Feature Class
CDR_PARCELS	File Geodatabase Feature Class
SDC_HD_Boundary	File Geodatabase Feature Class
TRA_STREETS	File Geodatabase Feature Class

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Databases

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OBJECTID	AssignedBldgName	X	Y	BLDG_STRUC	AccessTime	PlanType
1	Acacia Court 1	-122.5183154	38.34478327	Building	Anytime	Unique
2	Acacia Court 2	-122.5186041	38.34447126	Building	Anytime	Unique
3	Acacia Court Electrical Shed	-122.5182073	38.34496912	Building	Anytime	Unique
4	Transportation Center	-122.518662	38.3455364	Building	Anytime	Unique
5	Transportation Garages	-122.5190996	38.34517743	Building	Anytime	Unique
6	Generator Plant	-122.5185008	38.3457022	Structure	Anytime	Unique
7	Fire House	-122.518314	38.34585621	Building	Anytime	Unique
8	Maintenance Shop	-122.5195269	38.34623978	Building	Anytime	Unique
9	Plant Ops warehouse/office	-122.5189512	38.34602436	Building	Anytime	Unique
10	Main Store Room	-122.5194667	38.34654374	Building	Anytime	Unique
11	Office Of Protective Services (Library Bldg)	-122.5196878	38.34629298	Building	Anytime	Unique
12	Plant Shop	-122.5199735	38.3462273	Building	Anytime	Unique
13	Residence 140 (Sonoma House)	-122.517609	38.34513748	Building	Anytime	Unique
14	McDougall	-122.5176515	38.34612215	Building	Anytime	Unique
15	Slater	-122.5165967	38.34500489	Building	Anytime	Modular 1
16	Hatch	-122.5168312	38.34504206	Building	Anytime	Unique
17	Walnut	-122.5166115	38.34552176	Building	Anytime	Unique
18	Hill - Unit 126 ICF Suspense	-122.5163055	38.34606769	Building	Anytime	E-Plan
19	Osborne - Unit 127 ICF Suspense	-122.5169335	38.346531	Building	Anytime	E-Plan
20	Oak Valley School	-122.5169567	38.34749497	Building	Anytime	Unique
21	Pines	-122.5163893	38.34810971	Building	Anytime	Unique
22	Palm Court	-122.5174515	38.34892672	Building	Anytime	Unique
23	Frederickson Receiving	-122.5177385	38.34849568	Building	Anytime	Unique
24	Tallman	-122.5180391	38.34876659	Building	Anytime	Unique
25	Chamberlain	-122.5183852	38.34819671	Building	Anytime	Unique
26	Porter Administration/Post Office	-122.5190951	38.34753448	Building	Anytime	Unique
27	Martha Jensen - Hospital Units 288 & 289	-122.5188118	38.34810923	Building	Anytime	Unique
28	Professional Education Bldg/PEC	-122.5189162	38.34703882	Building	Anytime	Unique
29	Sheetmetal/lockshop	-122.5196091	38.34700117	Building	Anytime	Unique
30	Activity Center (Blue Rose Café)	-122.5200796	38.34742306	Building	Anytime	Unique
31	Laundry/Property	-122.520294	38.34694393	Building	Anytime	Unique
32	Main Kitchen - Eldridge Store in Dining Roo	-122.5209378	38.34782457	Building	Anytime	Unique
33	Cal State Central Credit Union-Health & Sal	-122.5199668	38.34834409	Building	Anytime	Unique
34	Dunbar	-122.5204984	38.34881098	Building	Anytime	C-Plan
35	Wagner	-122.5207506	38.34947828	Building	Before 3pm	C-Plan
36	Goddard	-122.522106	38.34833995	Building	Anytime	Unique
37	Paxton	-122.5224002	38.34896722	Building	Anytime	Unique
38	Upholstery & Machine Shop	-122.5228654	38.34895645	Building	Anytime	Unique
39	Wright	-122.5199535	38.34921324	Building	Anytime	C-Plan
40	Finnerty	-122.5193173	38.34872678	Building	Anytime	Unique
41	King - NF Suspense Unit 329	-122.518437	38.34913808	Building	Anytime	Unique
42	Butler (Redwoods) - Unit 476 ICF Suspense	-122.5166364	38.34986102	Building	Anytime	Unique
43	Thompson/Bane - Units 366 & 378 NF Sus	-122.5199337	38.35037263	Building	Anytime	Unique



Geographic Information Systems

Web-based Mapping Tools & Platforms

Google's My Maps

Mapbox

ArcGIS Online

Carto

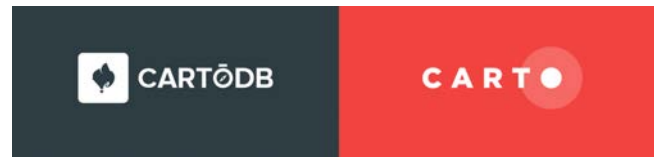
SimpleMappr

MangoMap

Click2Map

ZeeMaps

Maps.me



Software Installed on Your Computer

ArcGIS Desktop by Esri

Infraworks

QGIS

Google Earth



Geographic Information Systems

Open Data & Collaboration

Municipalities

US Census Bureau, Geography Division

OpenStreetMap

MissingMaps



Los Angeles County GIS Data Portal
GIS Data for LA County



OpenStreetMap

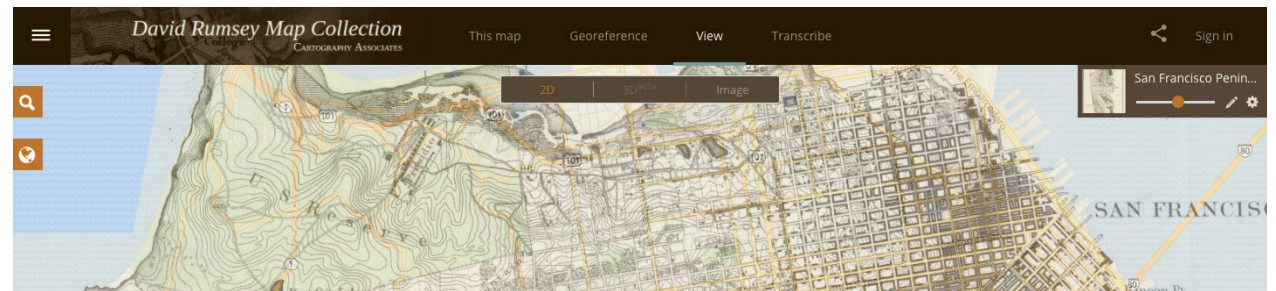
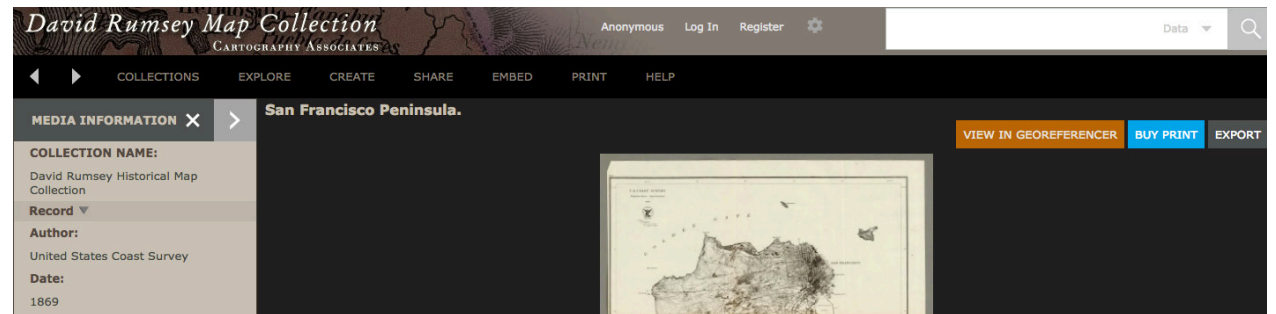
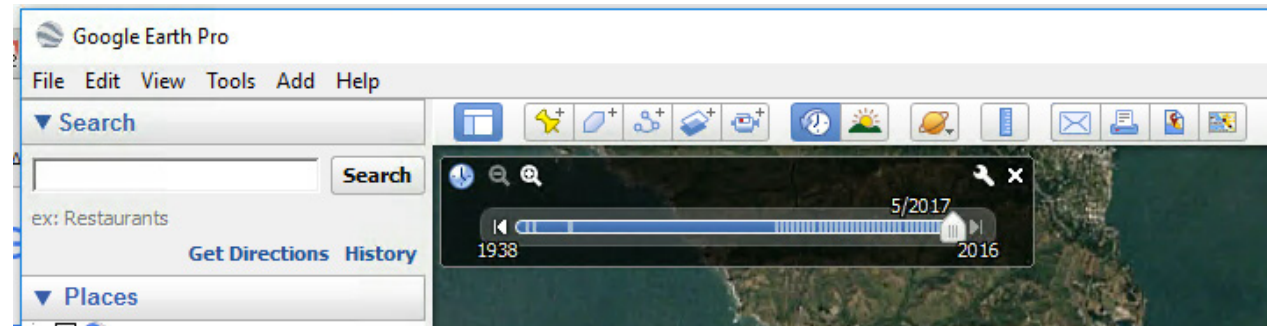
Geographic Information Systems

Georeferencing

Historic Maps & Aerial Photographs

Google Earth Pro

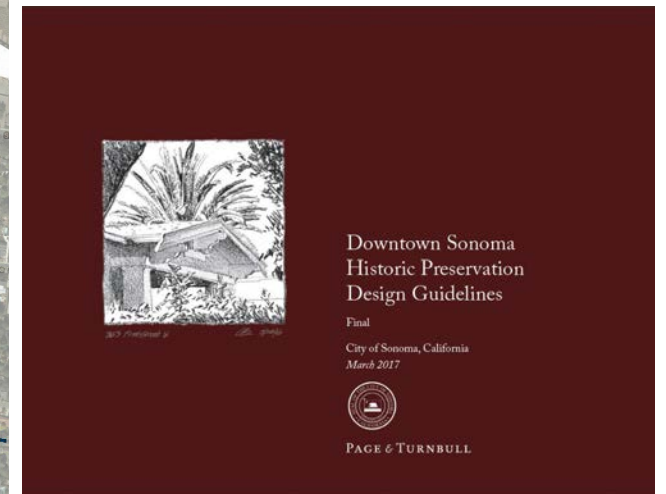
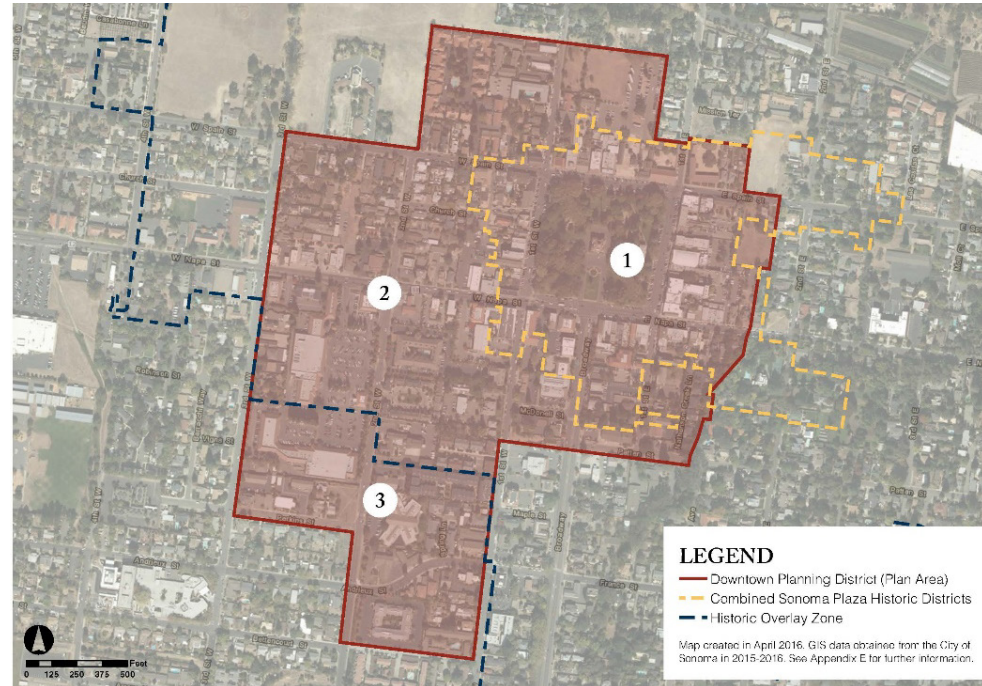
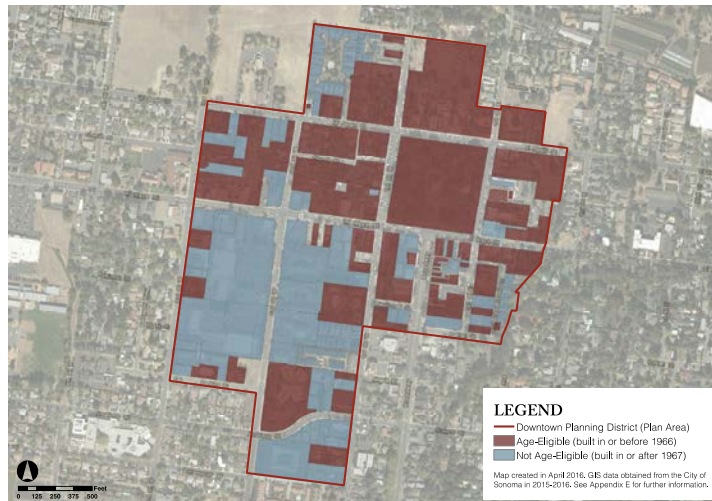
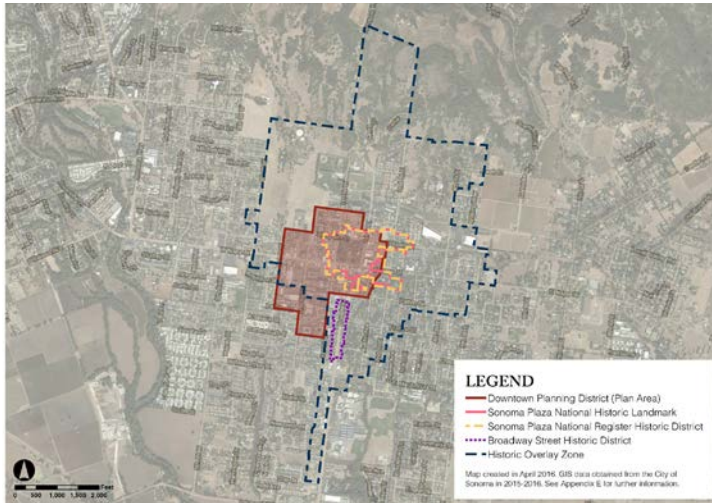
David Rumsey Map Collection



Geographic Information Systems

Downtown Sonoma Historic Preservation Design Guidelines

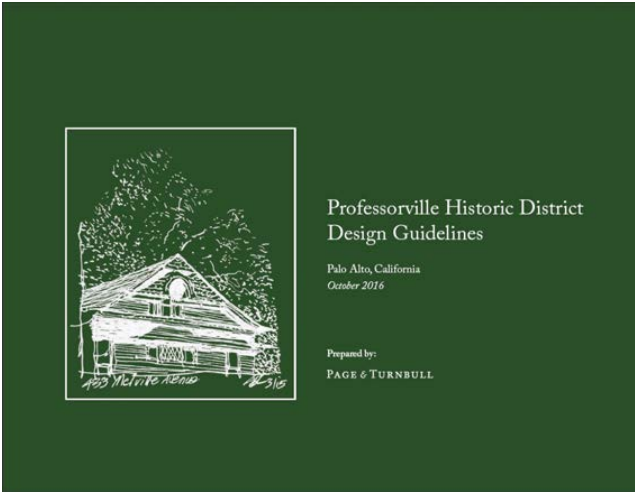
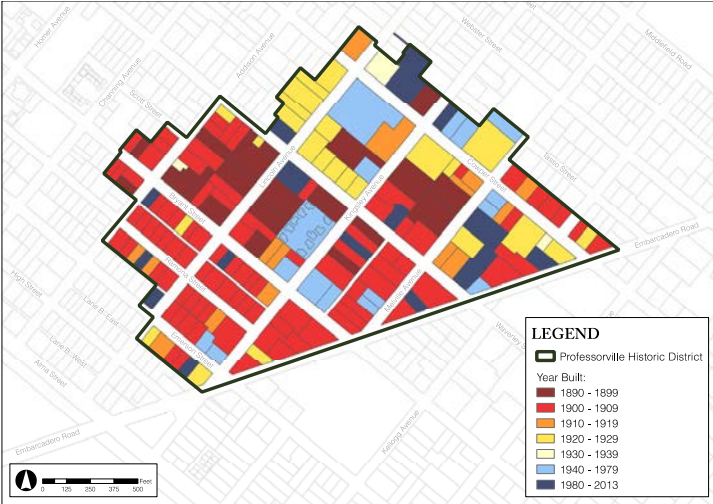
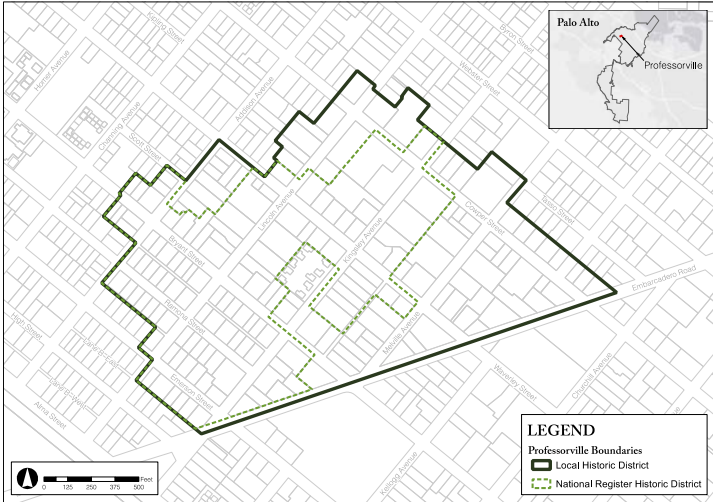
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Geographic Information Systems

Professorville Historic District Design Guidelines

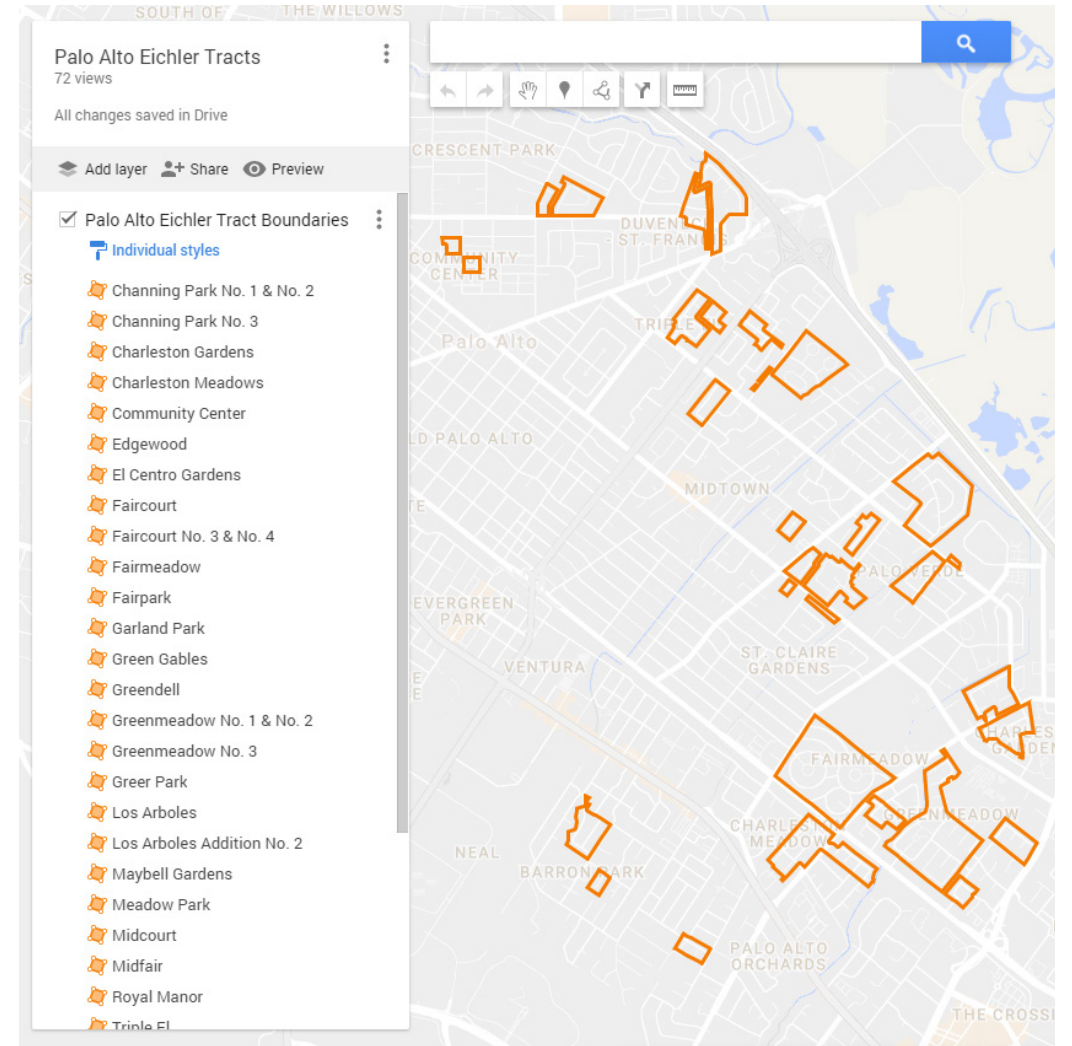
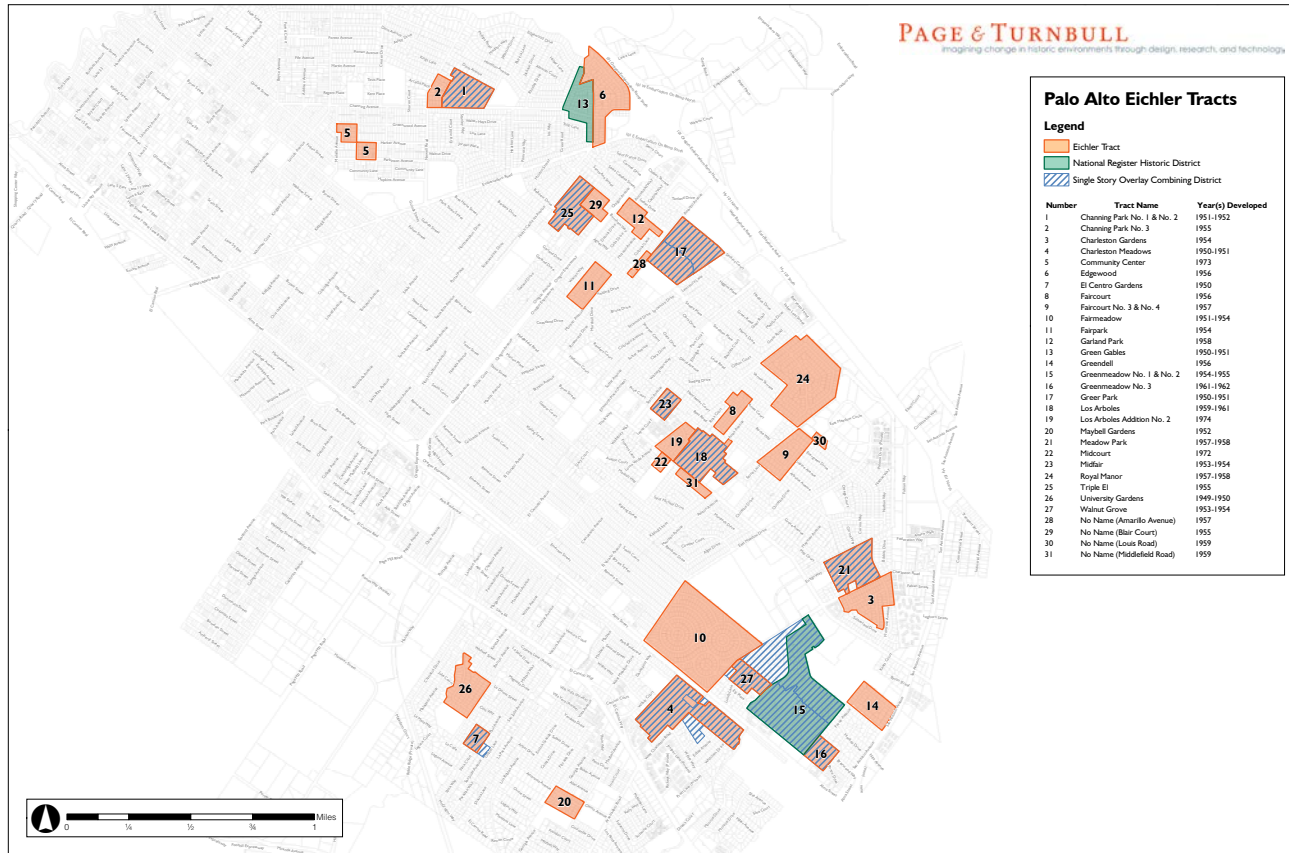
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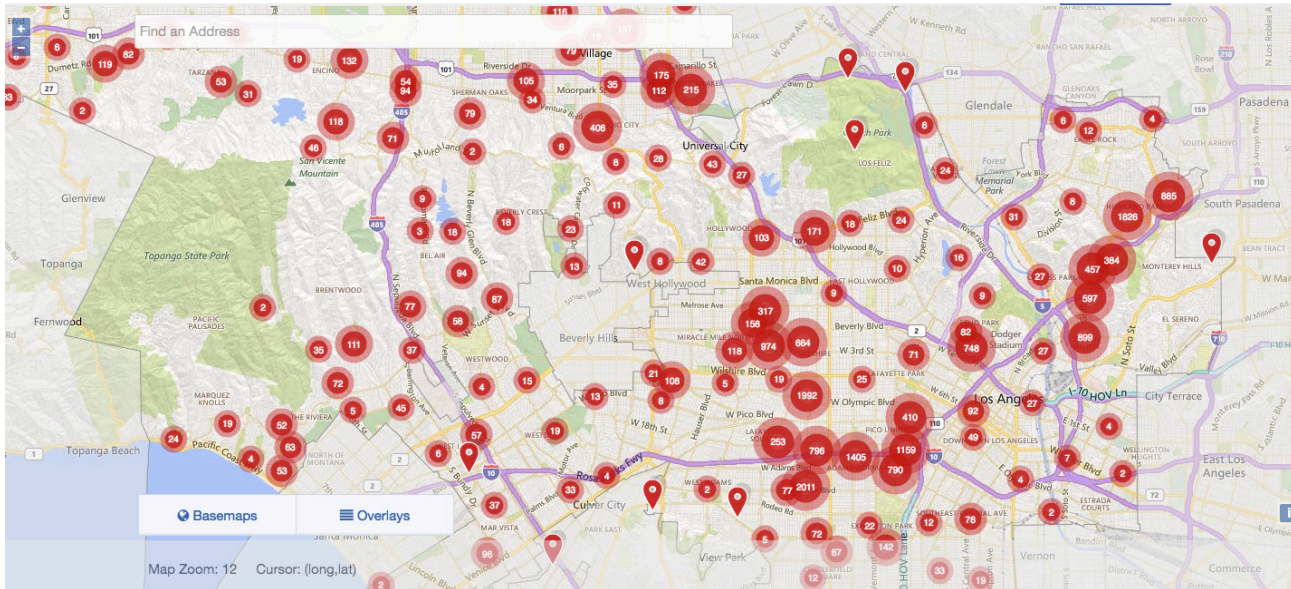
Geographic Information Systems

Palo Alto Eichler Neighborhood Design Guidelines

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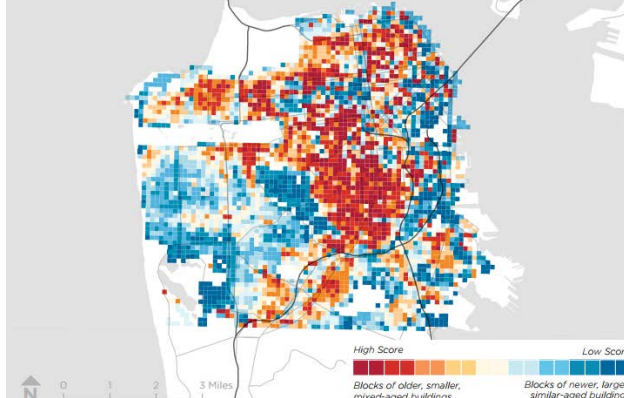
Geographic Information Systems



Built Character in San Francisco

46.9 mi² | Pop: 864,816 | 13th Most Populous U.S. City | Est. 1850

The Atlas of ReUrbanism uses the Character Score to classify building stock by age and size. Higher scoring areas in red represent blocks of older, smaller, mixed-aged buildings. Lower scoring areas in blue represent newer, larger, similar-aged development.



High v. Low Character Score

Use the table below to compare high- and low-character score areas in terms of their density and diversity, inclusiveness, and economic vitality.

	High Character Score Areas	Low Character Score Areas
Density & Diversity		
Avg. Population/Grid Square*	263.5	148.0
Median Age (Years)*	39.2	42.0
Avg. Between Age 18-34*	29.9%	25.1%
Avg. Foreign Born**	33.2%	36.2%
Avg. New to County**	5.8%	6.2%
Avg. People of Color*	53.5%	59.0%
Avg. Housing Units/Grid Square*	125.2	68.6
Avg. Vacant Homes*	7.4%	7.3%
Avg. Owned Homes*	41.3%	56.5%

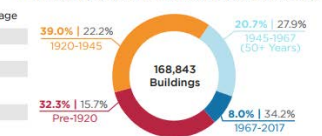
	High Character Score Areas	Low Character Score Areas
Inclusiveness		
Total Women and Minority-Owned Businesses***	4,009	2,956
Avg. Affordable Rental Housing Units*	48.2%	45.5%

	High Character Score Areas	Low Character Score Areas
Economic Vitality		
Total Jobs in Small Businesses****	78,344	50,617
Total Jobs in New Businesses****	13,196	8,558
Total Jobs in Creative Industries****	66,710	80,738

Building and Preservation Facts

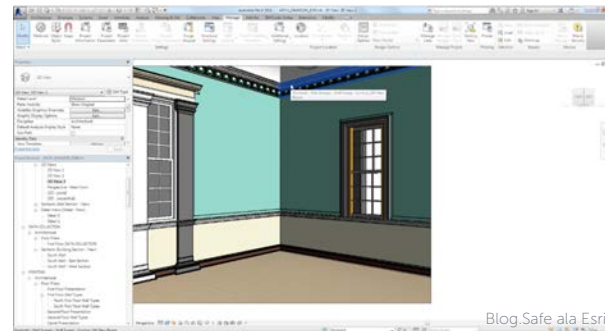
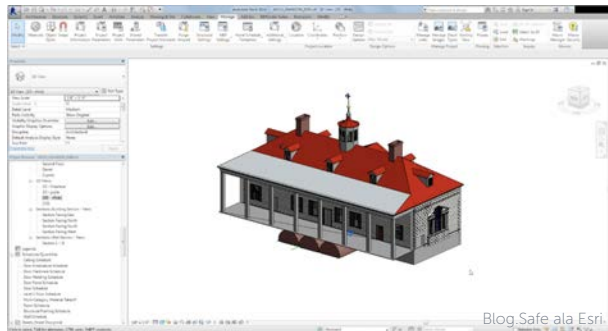
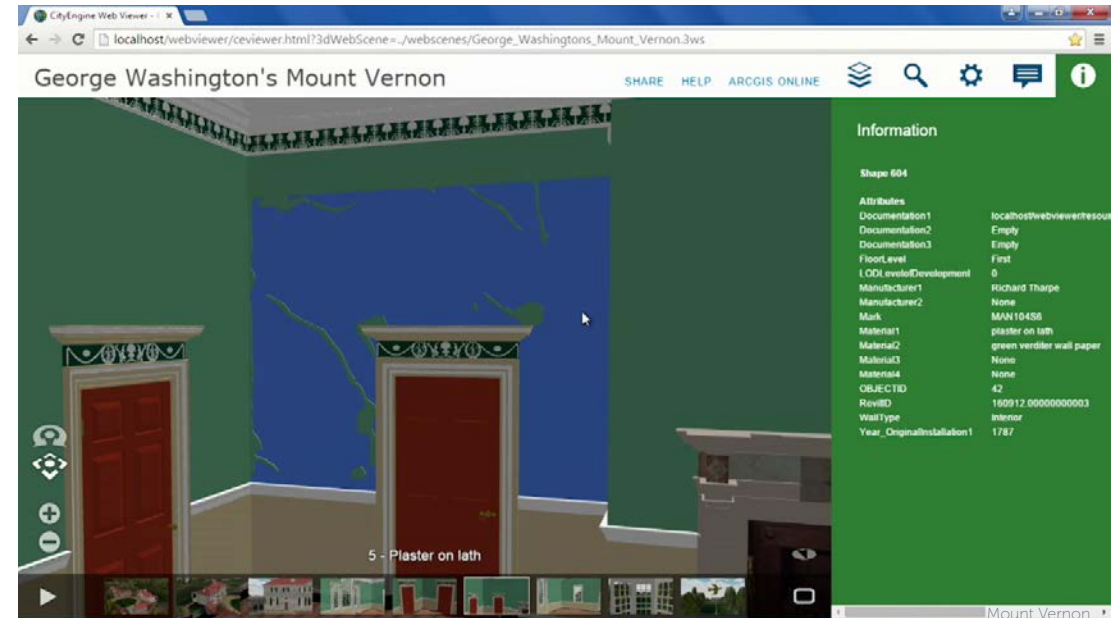
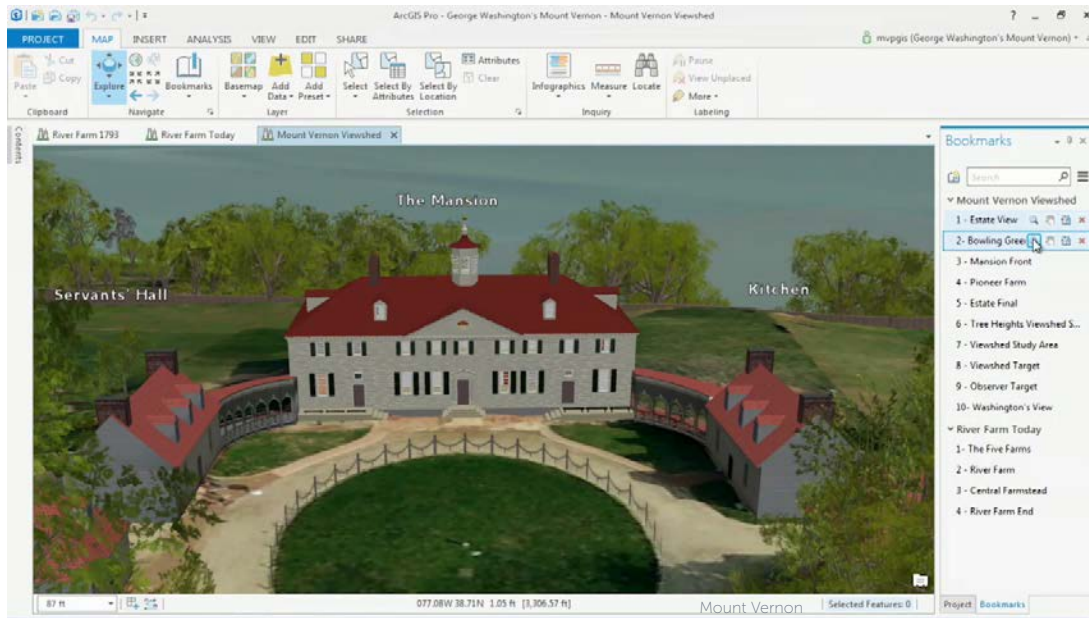
	San Francisco	50-City Average
Total	168,843	204,038
Per Square Mile	3,601	1,436
Median Year Built	1927	1952
On Nat'l Register of Historic Places	1.4%	6.8%
Locally Designated	1.3%	4.3%
Historic Tax Credit Projects	22	275

Year Built By Period, San Francisco | 50-City Average



Mount Vernon Historic Building Information Model (HBIM)

Collaboration between Mount Vernon, Esri, and Quinn Evans Architects



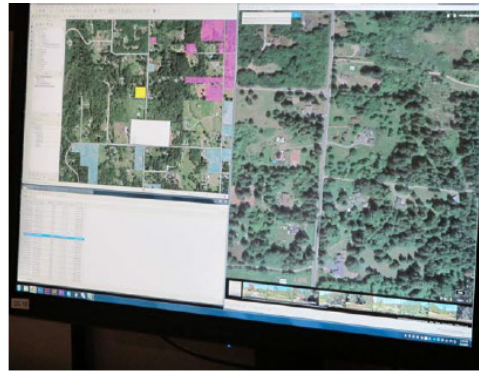
GIS with BIM

Snohomish County Historic Resource Scan

Cara Bertron, Character Studies - Randall Mason



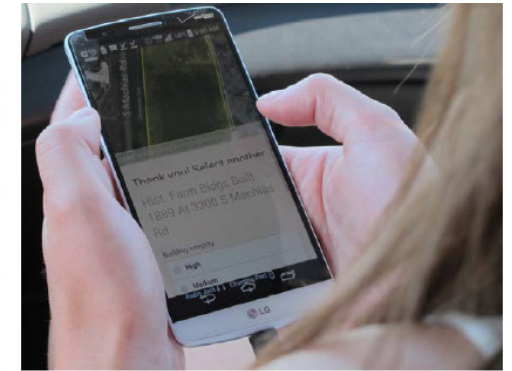
Remote mapping



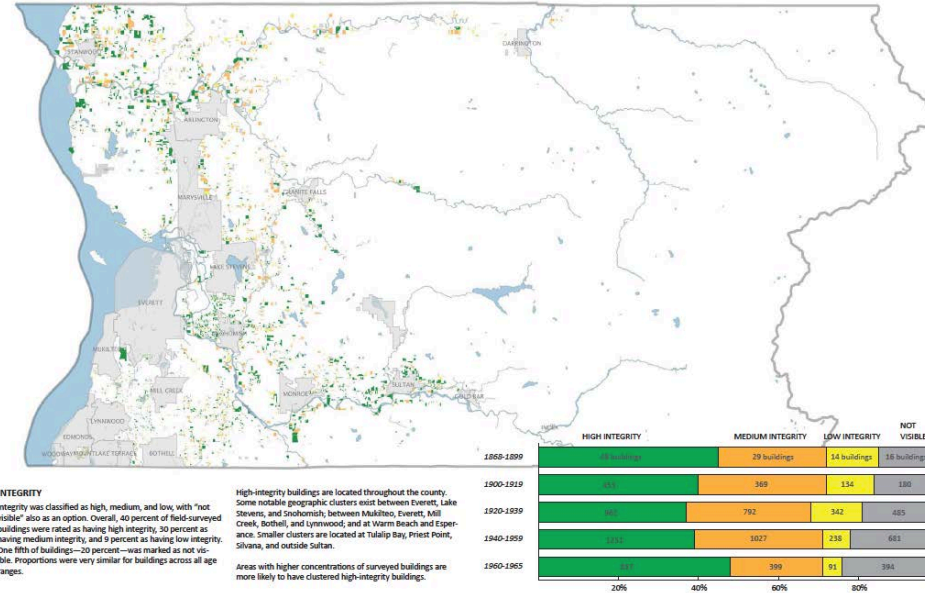
Remote mapping



Recording field survey progress



LocalData platform for field survey data entry

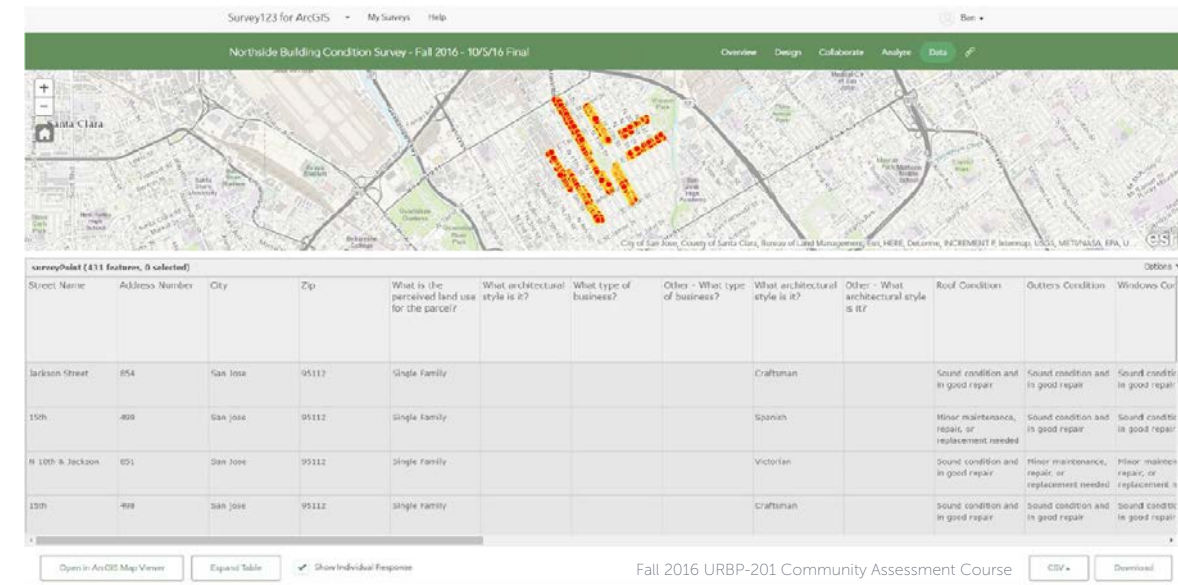


7 Startup

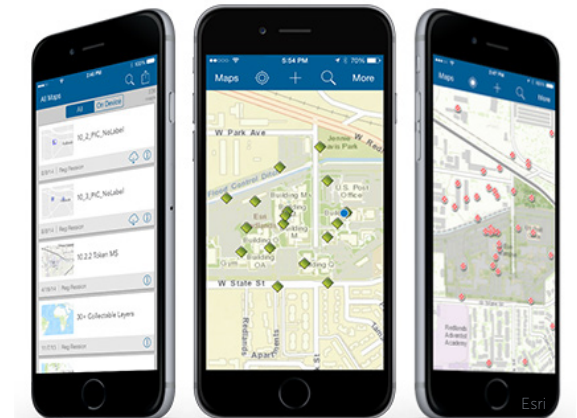
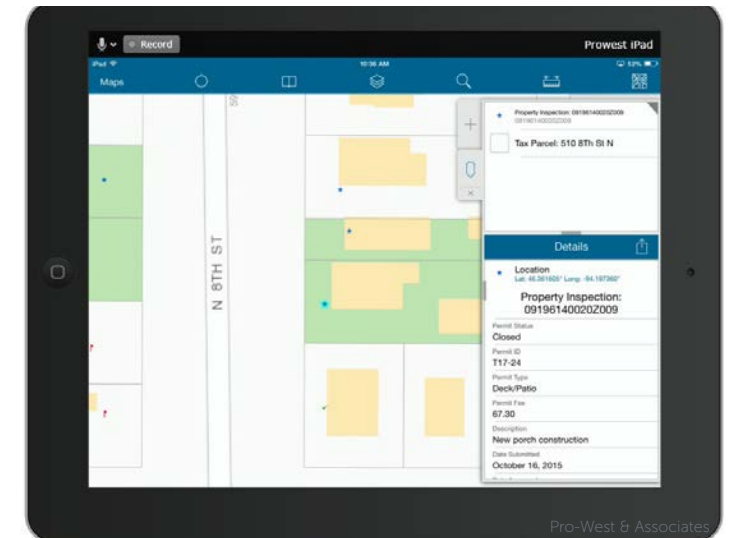


GIS with Smartphone & Tablet Applications

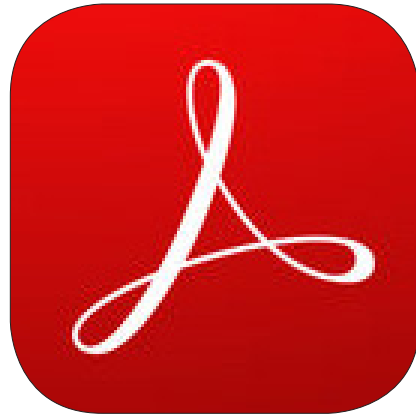
Survey123 for ArcGIS



Collector for ArcGIS



GIS with Smartphone & Tablet Applications



Other Smartphone & Tablet Applications

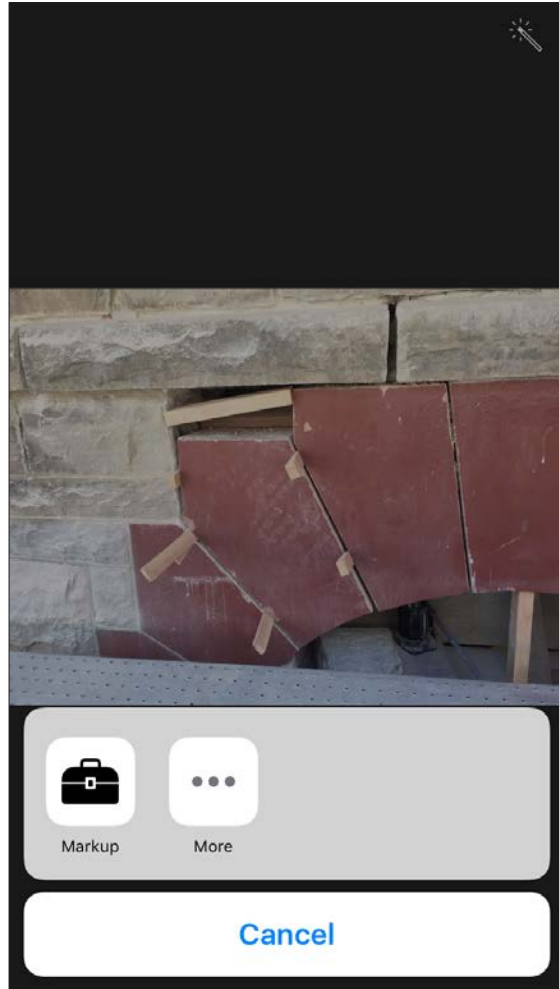
Make Image > Add Mark-ups

PRO: Quick, easy

CON: File naming, handwriting



Photos



Photos

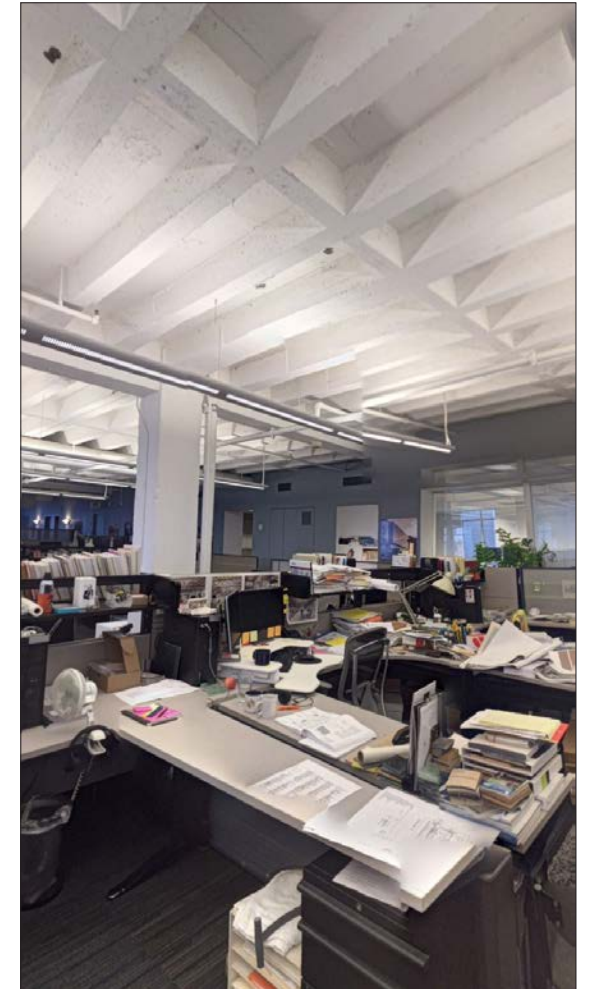
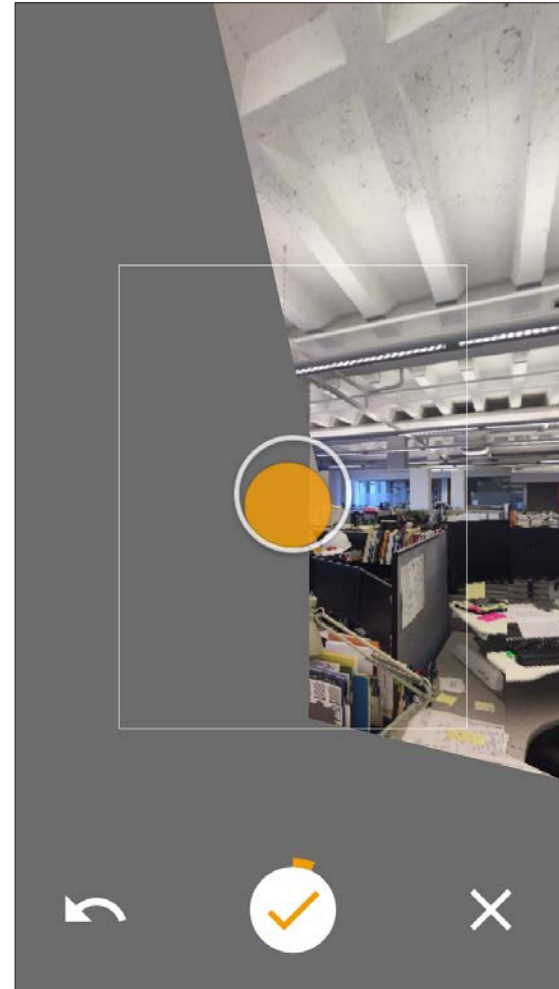
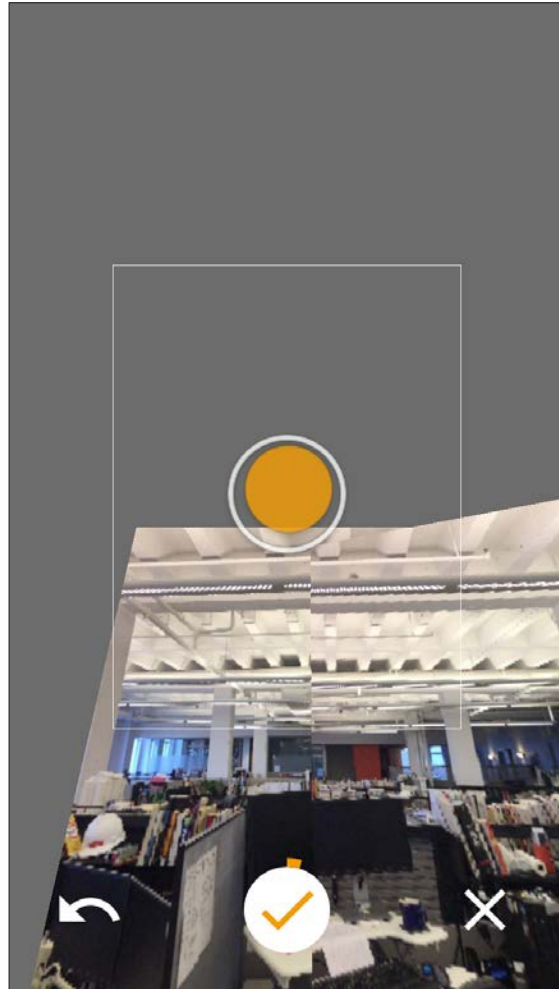
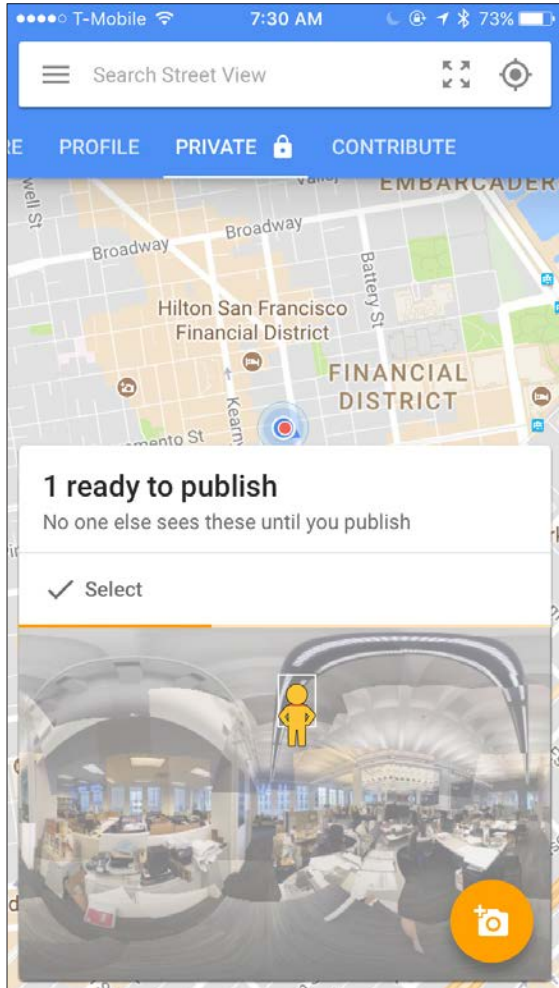
Create photo spheres for 360 degree/VR-type review

PRO: Simple, fast; helpful for later review

CON: Low resolution, not useful for a deliverable



Google Street View

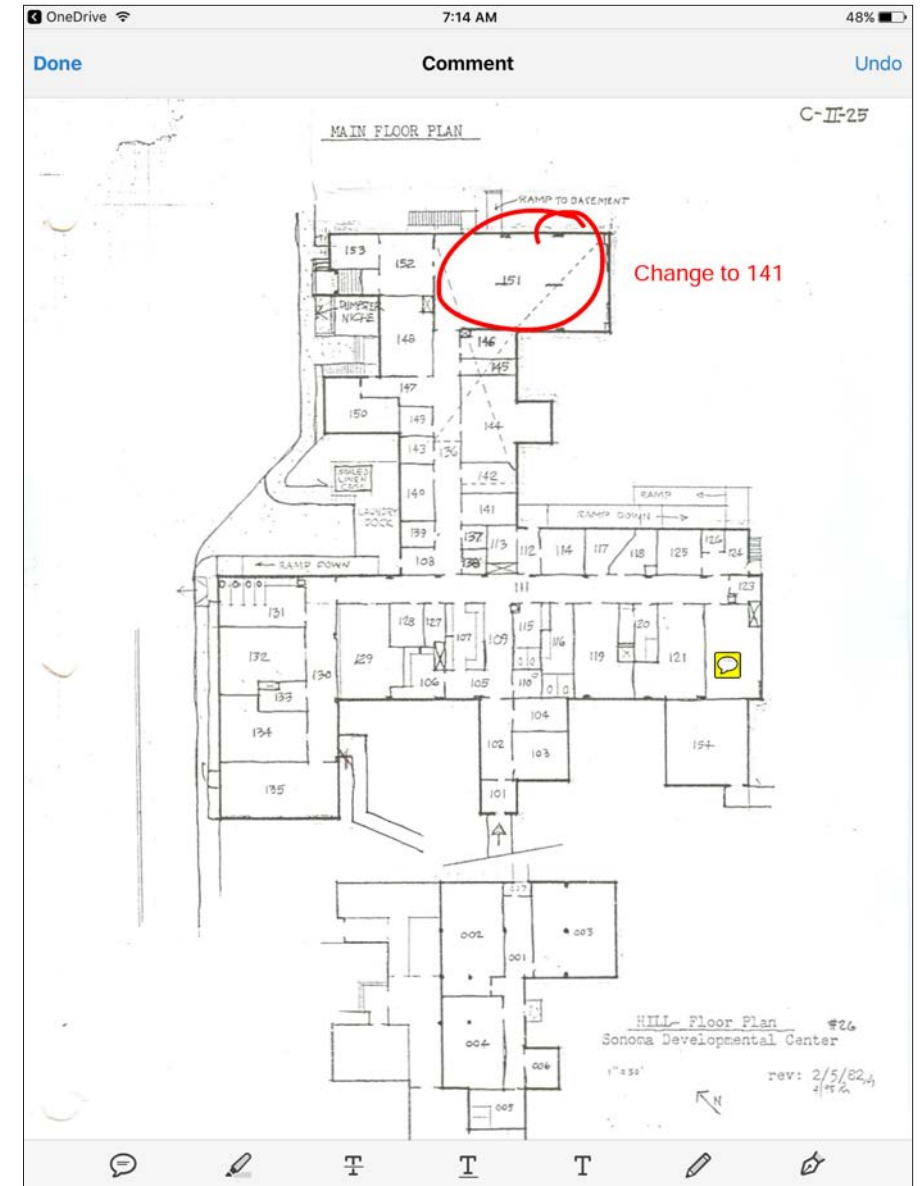


Google Street View

Mark up existing PDFs/drawings

PRO: Simple, fast; helpful for later review

CON: handwriting; requires existing information/PDFs



Adobe Reader / PDF Viewers

A/E/C-Specific PDF tool

PRO: Tools for scale measurement, markup

CON: Finicky; requires existing PDFs

Markups

Redline drawings using Revu's wide array of customizable markup tools, including text, notes, highlights, clouds, callouts and more.

Tool Chest
Like a markup? Add it to the Tool Chest for easy reuse by tapping and holding any markup and then selecting Add to My Tools.

Markups Toolbar
Begin marking up your PDFs by simply tapping on a markup tool in the Markups toolbar. Tap the tool again to deactivate it.

Swipe up and down on the toolbar to scroll through all of the available markup tools.

Markups List
Tap the blue nub to access the Markups List, which automatically tracks the author, date and time of all annotations.

Subject	Page	Lock	Status	Checkmark	Author	Date
Callout	Page 1	None	None	None	Jane	04/01/2010
Polygon	Page 1	None	None	None	Jane	04/01/2010

Customize a markup's appearance by using the Properties toolbar.

Field Verifications

Verify measurements in the field on the fly using Revu's built-in measurement tools.

Built-In Measurement Tools

Area Count Perimeter Length Radius Calibrate Volume

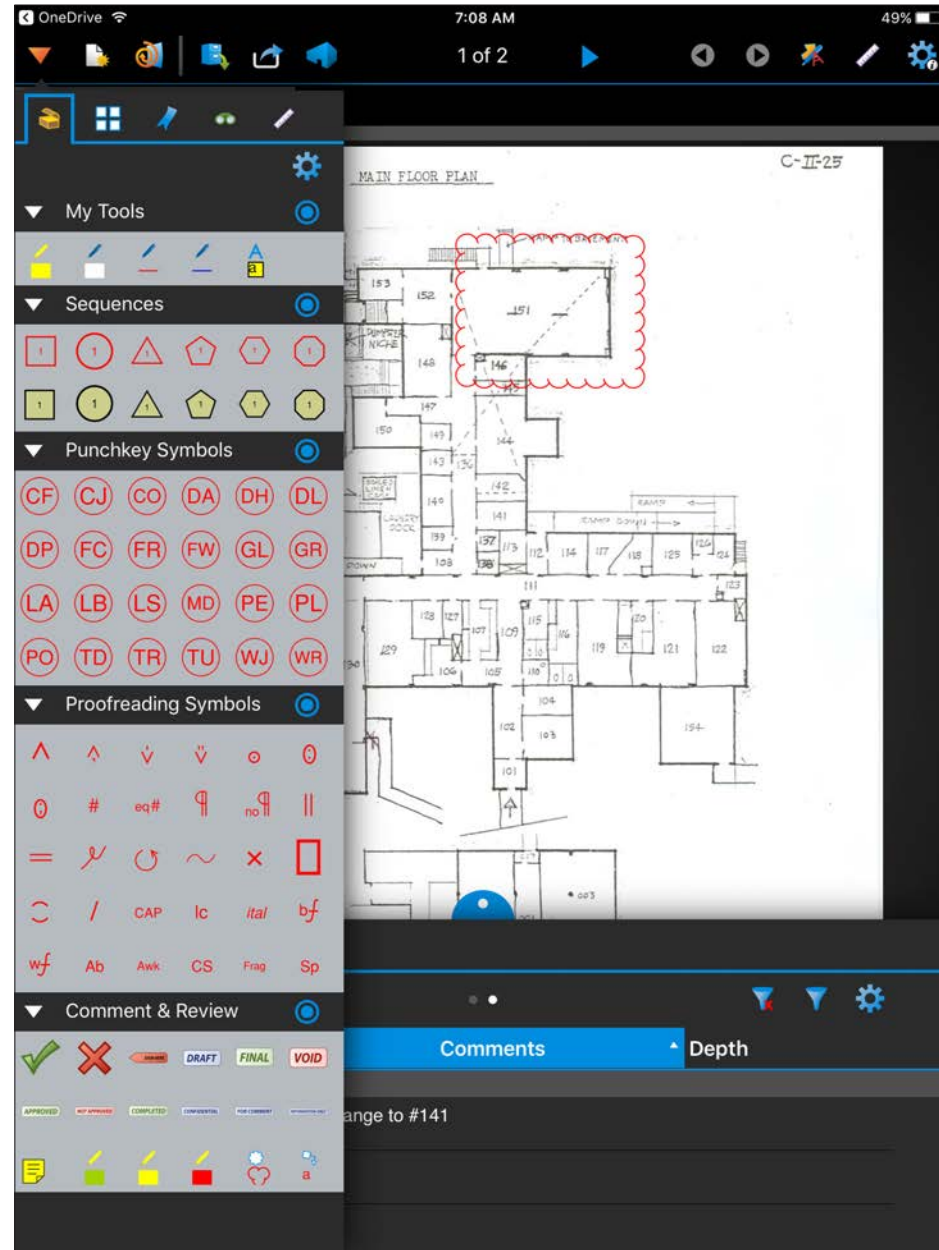
Calibrate Your Drawings

1. Tap the Field Verifications toolbar icon
2. Select the Calibrate tool
3. Tap any two points, or tap and drag a line
4. Press the green checkmark and enter the appropriate values

Magnifier Tool

Verifying measurements is simple with the help of the Magnifier Tool. Just select a measurement tool and then tap and hold a point to automatically engage the Magnifier.

Bluebeam Revu



Bluebeam Revu

Create "forms" to be completed digitally in the field

PRO: Simple to create; reusable; easy transition to a particular type of deliverable

CON: Not as easy to manipulate in the field

Word Forms

ORANGE COAST COLLEGE BUILDING No: _____

ADA ACCESS

Feature (#)	Existing?	Compliant?	Condition	Comments
Site	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Entrance	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:				

SITE

Feature	Type/Mat'l	Condition	Comments
Drainage:	<input type="checkbox"/> Slope to <input type="checkbox"/> Away <input type="checkbox"/> Signs of pooling	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Stairs/steps:	<input type="checkbox"/> Concrete <input type="checkbox"/> Stone <input type="checkbox"/> Brick <input type="checkbox"/> _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Fences/walls/planters:	<input type="checkbox"/> Stucco <input type="checkbox"/> Masonry <input type="checkbox"/> Metal <input type="checkbox"/> Wood <input type="checkbox"/> Hedge	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Courtyard/patio:	<input type="checkbox"/> Planters <input type="checkbox"/> Fountain <input type="checkbox"/> Built-ins <input type="checkbox"/> Decorative elements _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Sculpture:			
Plant Material:	<input type="checkbox"/> Tree <input type="checkbox"/> Shrubs <input type="checkbox"/> Ground Cover	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Irrigation	<input type="checkbox"/> Sprinkler <input type="checkbox"/> Drip	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:			

SITE CIRCULATION AND WALKWAYS (SEE BUILDING EXTERIOR ALSO)

Walkways Between Buildings Location: _____	Supports:	<input type="checkbox"/> Concrete <input type="checkbox"/> Wood <input type="checkbox"/> Metal	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
	Ceiling:	<input type="checkbox"/> Concrete <input type="checkbox"/> Wood <input type="checkbox"/> Clerestory	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
	Floor:	<input type="checkbox"/> Concrete <input type="checkbox"/> Stone <input type="checkbox"/> Brick <input type="checkbox"/> _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
	Roof	<input type="checkbox"/> Membrane <input type="checkbox"/> Built-Up <input type="checkbox"/> Metal <input type="checkbox"/> Other _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
	Drainage:	<input type="checkbox"/> Downspouts <input type="checkbox"/> Gutters <input type="checkbox"/> Other _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:				

CONDITIONS ASSESSMENT | VISUAL INSPECTION CHECKLIST JANUARY 2015

OneDrive 7:59 AM 14227_OCC_ConditionsSurveyForm_Final

Home Insert Draw Layout Review View Table

Ebrima 10

ORANGE COAST COLLEGE BUILDING No: _____

Feature (#)	Existing?	Compliant?	Condition	Comments
Site	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Entrance	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:				

SITE

Feature	Type/Mat'l	Condition	Comments
Drainage:	<input type="checkbox"/> Slope to <input type="checkbox"/> Away <input type="checkbox"/> Signs of pooling	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Stairs/steps:	<input type="checkbox"/> Concrete <input type="checkbox"/> Stone <input type="checkbox"/> Brick <input type="checkbox"/> _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Fences/walls/planters:	<input type="checkbox"/> Stucco <input type="checkbox"/> Masonry <input type="checkbox"/> Metal <input type="checkbox"/> Wood <input type="checkbox"/> Hedge	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Courtyard/patio:	<input type="checkbox"/> Planters <input type="checkbox"/> Fountain <input type="checkbox"/> Built-ins <input type="checkbox"/> Decorative elements	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Sculpture:			
Plant Material:	<input type="checkbox"/> Tree <input type="checkbox"/> Shrubs <input type="checkbox"/> Ground Cover	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Irrigation	<input type="checkbox"/> Sprinkler <input type="checkbox"/> Drip	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:			

SITE CIRCULATION AND WALKWAYS (SEE BUILDING EXTERIOR ALSO)

Walkways Between Buildings	Supports:	<input type="checkbox"/> Concrete <input type="checkbox"/> Wood <input type="checkbox"/> Metal	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
	Ceiling:	<input type="checkbox"/> Concrete <input type="checkbox"/> Wood <input type="checkbox"/> _____	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	

Ceiling Loading

Q W E R T Y U I O P

A S D F G H J K L return

↑ Z X C V B N M ! , ? . ↑

123 123

OneDrive 8:00 AM 14227_OCC_ConditionsSurveyForm_Final

Home Insert Draw Layout Review View

Ebrima 14

ORANGE COAST COLLEGE

ADA ACCESS

Feature (#)	Existing?	Compliant?	Condition	Co
Site	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Entrance	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P	
Notes:				

SITE

Feature	Type/Mat'l	Condition
Drainage:	<input type="checkbox"/> Slope to <input type="checkbox"/> Away <input type="checkbox"/> Signs of pooling	<input type="checkbox"/> G <input type="checkbox"/> F <input type="checkbox"/> P

"ACCESS" ACCESSIBLE ACCESSORIES

q w e r t y u i o p

a s d f g h j k l return

↑ z x c v b n m ! , ? . ↑

123 123

Word Forms

Create "forms" or other multi-input worksheets

PRO: Simple to create; reusable; capture lots of data; can be quickly translated into some types of deliverable

CON: Not as easy to manipulate in the field; easy to mix up

	WINDOW					RATING	INTERIOR WINDOW			
	ELEVATION	NUMBER	TYPE	SIZE W x H	OPERATION	RATING I - IV	FINISH	HEAD	JAMB	TR
6	W	3-38	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
7	S	3-39	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
8	S	3-40	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
9	S	3-access door	A1	2'10" X 5'7"	DBL. HNG.	2	-	-	-	
10	S	3-41	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-	
11	E-U	3-42	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-	
12	W	3-37	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
13	W	3-36	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
14	W	3-35	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
15	W	3-34	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-	
16	E-U	3-43	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
17	E-U	3-44	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
18	E-U	3-45	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
19	E-U	3-46	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-	
20	E-U	3-47	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
21	E-U	3-48	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
22	E-U	3-49	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
23	S-U	3-50	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
24	S-U	3-51	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
25	S-U	3-52	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
26	S-U	3-53	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
27	S-U	3-54	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
28	W-U	3-55	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
29	W-U	3-56	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
30	W-U	3-57	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-	
31	E-U	4-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	X	
32	E-U	4-49	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-	
33	S-U	4-51	A3	3'-11x5'-10"	DBL. HNG.	1	PTD. X	-	-	
34	W-U	4-55	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-	
35	W-U	4-56	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-	
36	E-U	5-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-	

Excel

OneDrive 8:02 AM 41%
Senator Building Wood Window Survey Example

Home Insert Draw Formulas Data Review View

Arial 10

fx DBL. HNG.

	WINDOW				RATING	INTERIOR WIND			
ELEVATION	NUMBER	TYPE	SIZE W x H	OPERATION	RATING I-IV	FINISH	HEAD	JAMB	TR
6	W	3-38	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
7	S	3-39	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
8	S	3-40	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
9	S	3-access door	A1	2'10" X 5'7"	DBL. HNG.	2	-	-	-
10	S	3-41	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
11	E-U	3-42	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
12	W	3-37	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
13	W	3-36	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
14	W	3-35	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
15	W	3-34	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
16	E-U	3-43	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
17	E-U	3-44	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
18	E-U	3-45	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
19	E-U	3-46	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
20	E-U	3-47	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
21	E-U	3-48	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
22	E-U	3-49	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
23	S-U	3-50	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
24	S-U	3-51	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
25	S-U	3-52	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
26	S-U	3-53	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
27	S-U	3-54	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
28	W-U	3-55	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
29	W-U	3-56	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
30	W-U	3-57	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
31	E-U	4-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	X
32	E-U	4-49	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
33	S-U	4-51	A3	3'-11x5'-10"	DBL. HNG.	1	PTD. X	-	-
34	W-U	4-55	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
35	W-U	4-56	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
36	E-U	5-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-

SCHEDULE NOTES + Sum : 0

OneDrive 8:01 AM 41%
Senator Building Wood Window Survey Example

Home Insert Draw Formulas Data Review View

Arial 10

fx DBL. HNG.

	WINDOW				RATING	INTERIOR WIND			
ELEVATION	NUMBER	TYPE	SIZE W x H	OPERATION	RATING I-IV	FINISH	HEAD	JAMB	TR
6	W	3-38	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
7	S	3-39	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
8	S	3-40	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
9	S	3-access door	A1	2'10" X 5'7"	DBL. HNG.	2	-	-	-
10	S	3-41	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
11	E-U	3-42	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
12	W	3-37	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
13	W	3-36	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
14	W	3-35	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
15	W	3-34	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
16	E-U	3-43	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
17	E-U	3-44	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
18	E-U	3-45	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
19	E-U	3-46	A1	2'-11"x4'-10"	DBL. HNG.	1	PTD. X	-	-
20	E-U	3-47	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
21	E-U	3-48	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
22	E-U	3-49	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
23	S-U	3-50	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
24	S-U	3-51	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
25	S-U	3-52	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
26	S-U	3-53	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
27	S-U	3-54	A2	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
28	W-U	3-55	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
29	W-U	3-56	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
30	W-U	3-57	A1	2'-11"x4'-10"	DBL. HNG.	1	-	-	-
31	E-U	4-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	X
32	E-U	4-49	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
33	S-U	4-51	A3	3'-11x5'-10"	DBL. HNG.	1	PTD. X	-	-
34	W-U	4-55	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
35	W-U	4-56	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-
36	E-U	5-48	A3	3'-11x5'-10"	DBL. HNG.	1	-	-	-

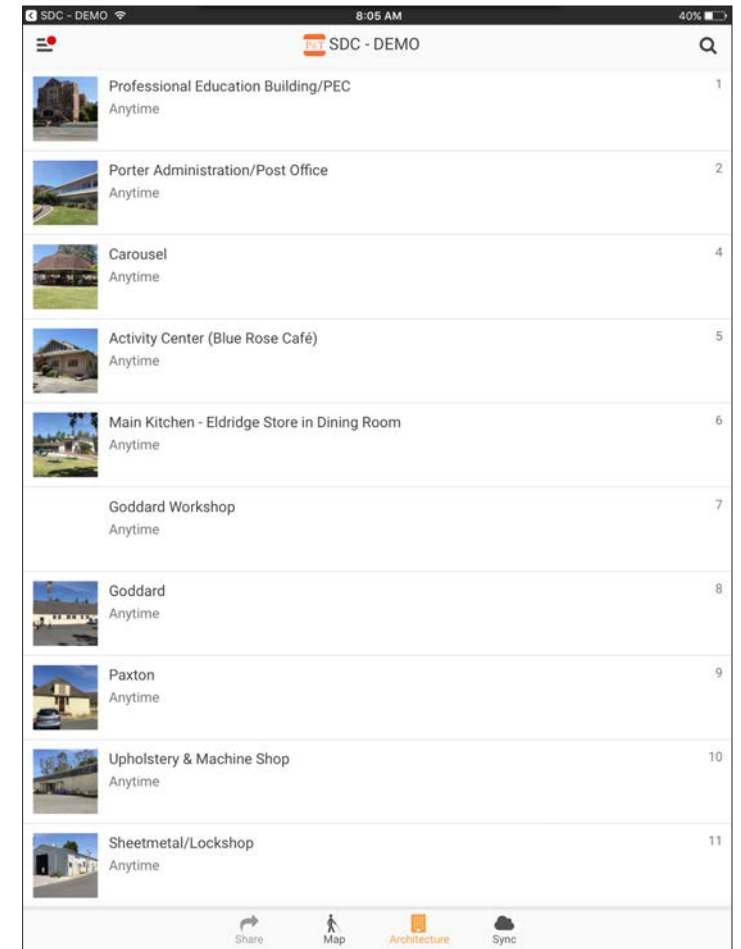
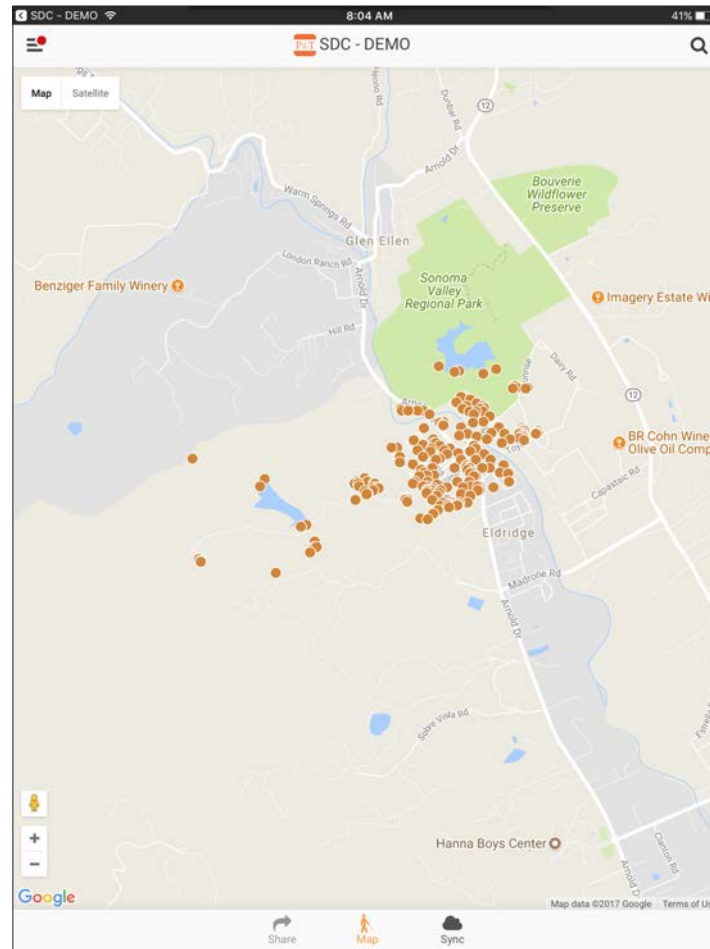
SCHEDULE NOTES + Sum : 0

Excel

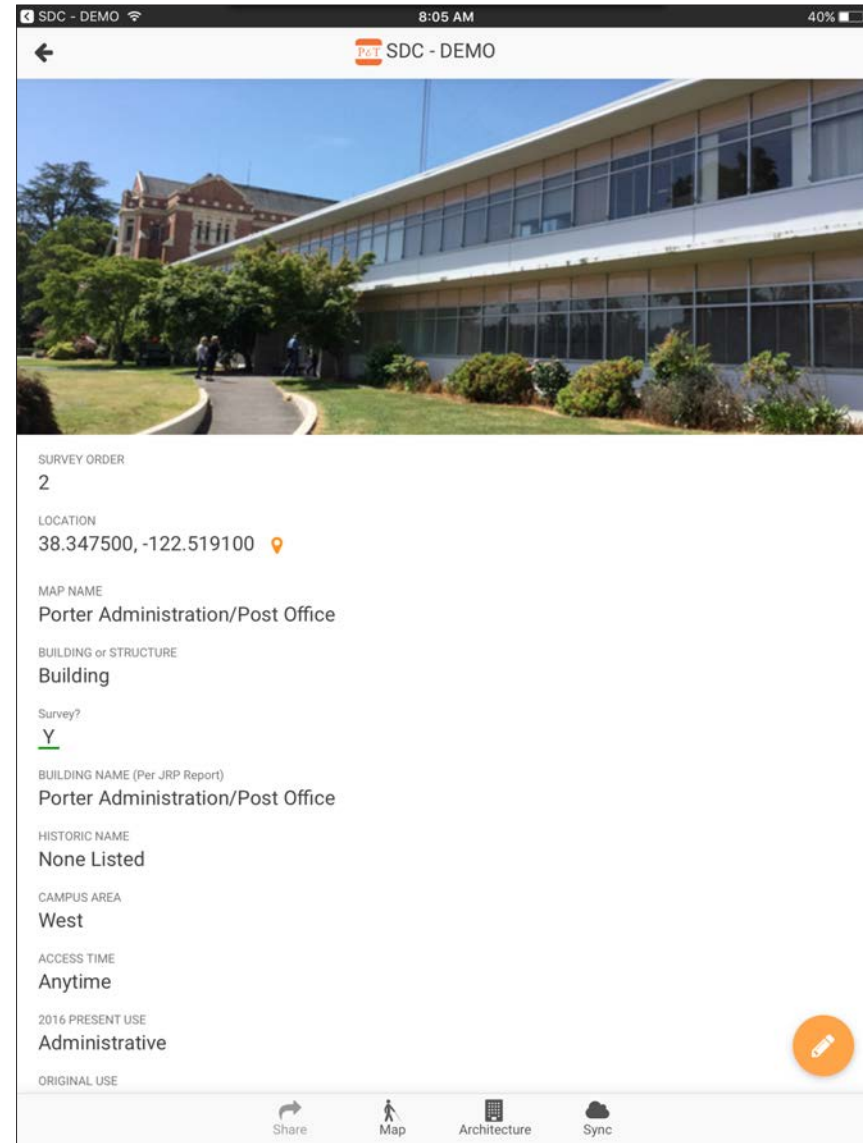
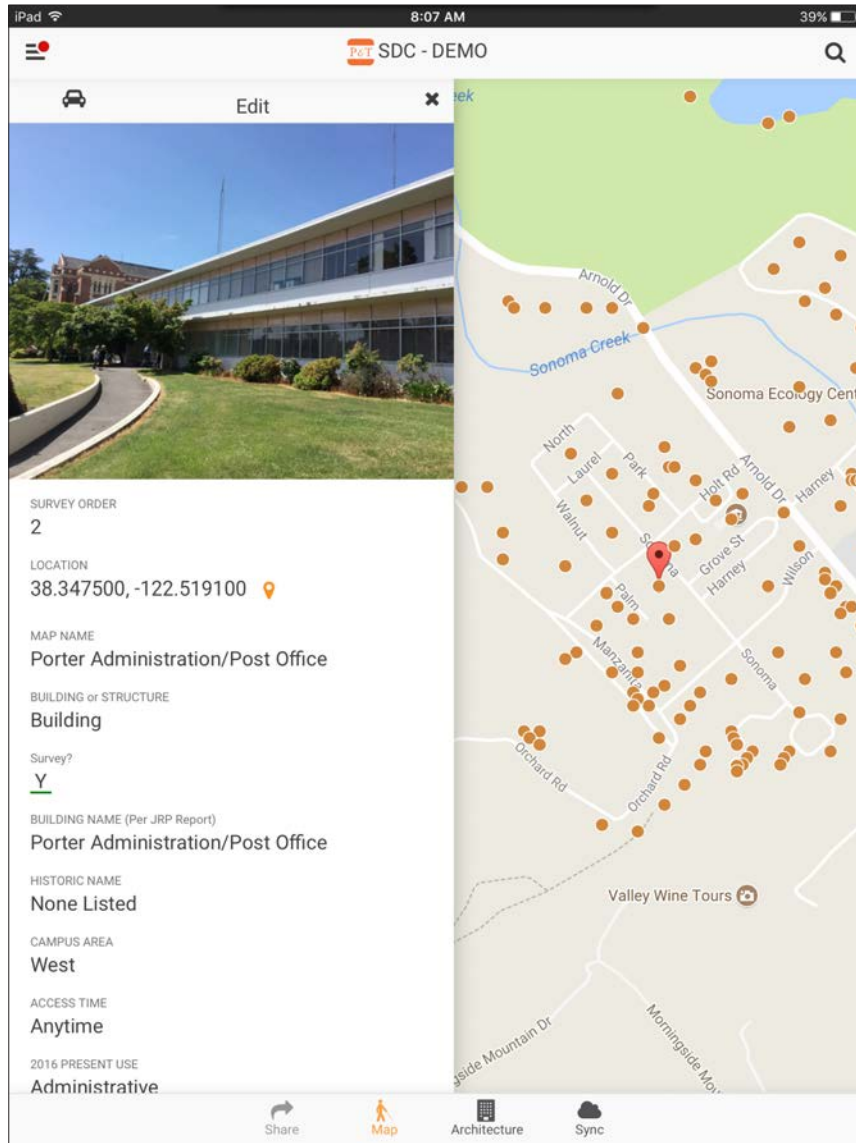
Create pro-level app for inputs or data review

PRO: Customizable, reusable, output as spreadsheet, outside users, online/offline

CON: initial setup time



AppSheet



AppSheet

SDC - DEMO 8:05 AM 40%

← SDC - DEMO


SURVEY ORDER
2

LOCATION
38.347500, -122.519100

MAP NAME
Porter Administration/Post Office

BUILDING or STRUCTURE
Building

IMAGE*



Clear ✕

Cancel Next

SDC - DEMO 8:06 AM 39%

← SDC - DEMO

Is building going to be problematic?
 N Y

Comments - ADA

Ceiling Heights
ceiling 10' at floor one, ceiling 9' at floor 2

L1 Basics

Exterior General Condition
 Good Fair
 Poor Demo Only

Exterior Wall Material
Concrete +

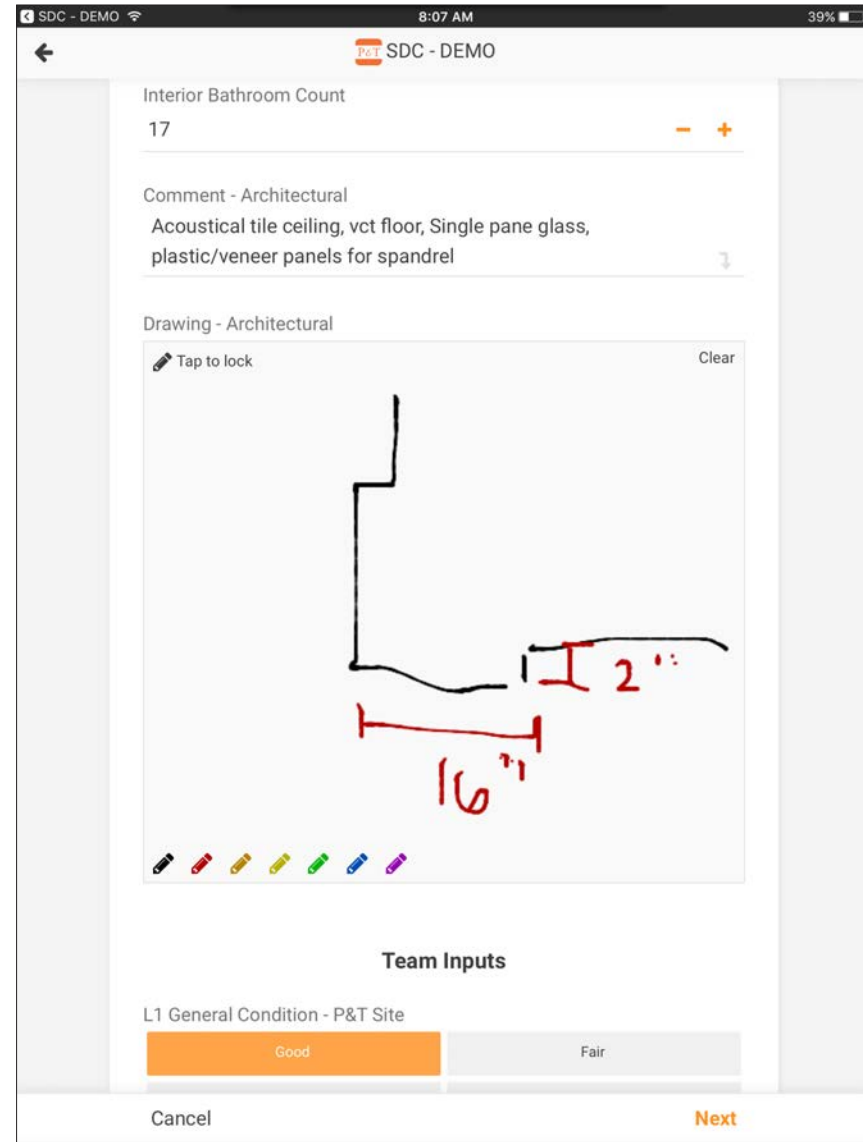
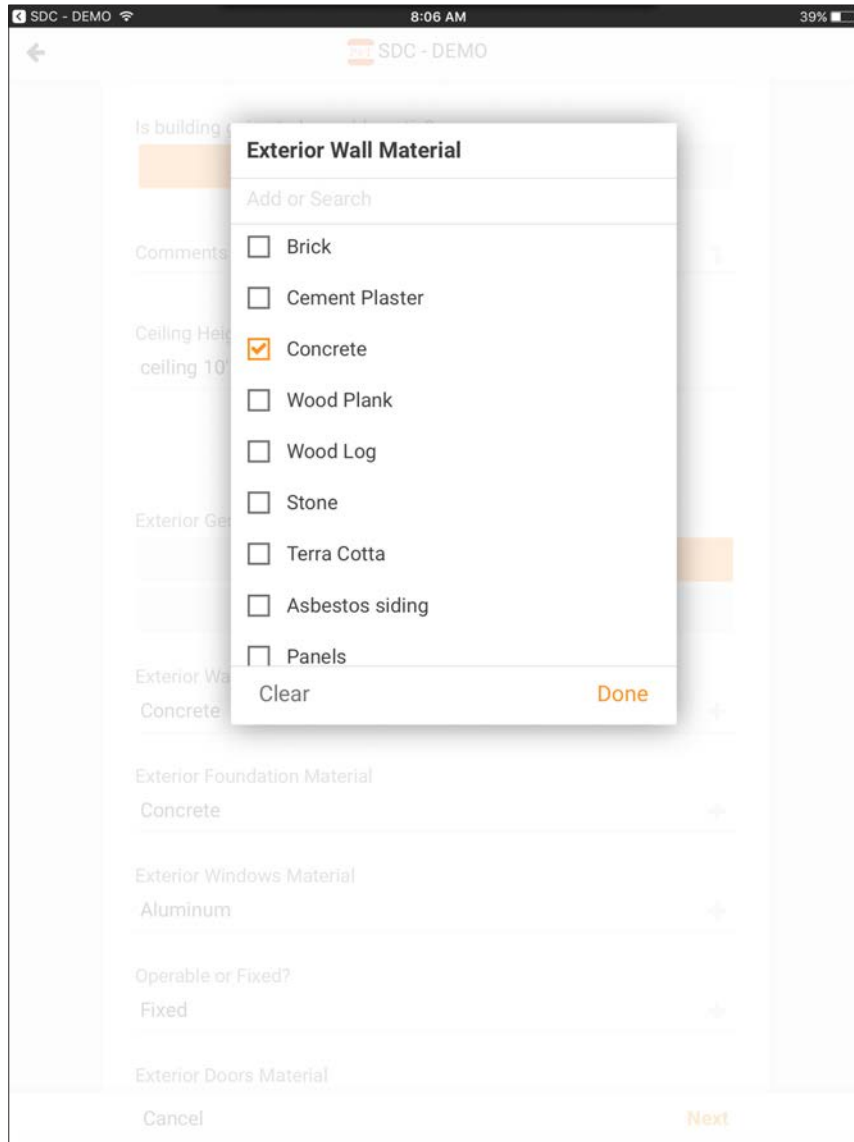
Exterior Foundation Material
Concrete +

Exterior Windows Material
Aluminum +

Operable or Fixed?
Fixed +

Exterior Doors Material

Cancel Next



My Apps - AppSheet | SDC - DEMO - AppSheet

Secure | https://www.appsheet.com/Template/AppDef?appName=SDC-DEMO-362154#_tab_appData

Apps | Bookmarks | Website Deign | Conservation | UVA 1819 Wine / Cul | Bookmarks | Travel | CASPIO | Websites | NetScaler Gateway

AppSheet | Caitlin@page-turnbull.com | My apps | Sample apps | Account | Support | More

Tables | **Column Structure** | Slices | User Settings

NOT DEPLOYED

Info

Data

UX

Behavior

Security

Users

Manage

Share

Learn

ArchitectureTable

Show | Hide | Show All Properties | Regenerate

COLUMN NAME	TYPE	TYPE QUALIFIER	APP FORMULA	KEY	LABEL	READ-ONLY	HIDDEN	REQ
_RowNumber	Number	{ "MaxValue": null, "MinValue": null,		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<input type="text" value="SURVEY ORDER"/>	Number	{ "MaxValue": null, "MinValue": null,	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="text" value="LOCATION"/>	LatLng	{ "Valid_If": null, "Show_If": null,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="text" value="MAP NAME"/>	Name	{ "MaxLength": null, "MinLength": null,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="text" value="BUILDING or STRUCT"/>	Text	{ "MaxLength": null, "MinLength": null,	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="text" value="IMAGE"/>	Image	{ "Valid_If": "", "Show_If": "",	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Preview other device sizes

← P&T SDC - DEMO

SURVEY ORDER
2

LOCATION
38.347500, -122.519100

MAP NAME
Porter Administration/Post Office

BUILDING or STRUCTURE
Building

IMAGE*

Cancel Next

Data: ArchitectureTable | View: form

The screenshot shows the AppSheet web interface in a browser window. The browser tabs include "My Apps - AppSheet" and "SDC - DEMO - AppSheet". The address bar shows a secure connection to https://www.appsheet.com/Template/AppDef?appName=SDC-DEMO-362154#_tab_appPresentation. The AppSheet logo is at the top left, and the user's email "Caitlin@page-turnbull.com" is at the top right. Below the navigation bar, there are tabs for "Views", "Brand", "Localize", "Format Rules", and "Options". The "Views" tab is active, displaying a grid of view cards. A "NOT DEPLOYED" warning is visible in the top left corner of the main content area. The view cards include:

- Map (CENTER, data: ArchitectureTable, type: map)
- Architecture (RIGHT, data: ArchitectureTable, type: deck)
- Electrical (RIGHT, data: ElecTable, type: deck)
- Fire (RIGHT, data: FireTable, type: deck)
- HazMat (RIGHT, data: HazMatTable, type: deck)
- Mechanical (RIGHT, data: MechTable, type: deck)
- Plumbing (RIGHT, data: PlumbTable, type: deck)
- Structural (RIGHT, data: StructuralTable, type: deck)
- Technology (RIGHT, data: TechTable, type: deck)

At the bottom of the main content area, there is a "USER SETTINGS" section. On the right side, a mobile preview is shown with a modal titled "Select your discipline to sh...". The modal contains a search bar and a list of radio button options:

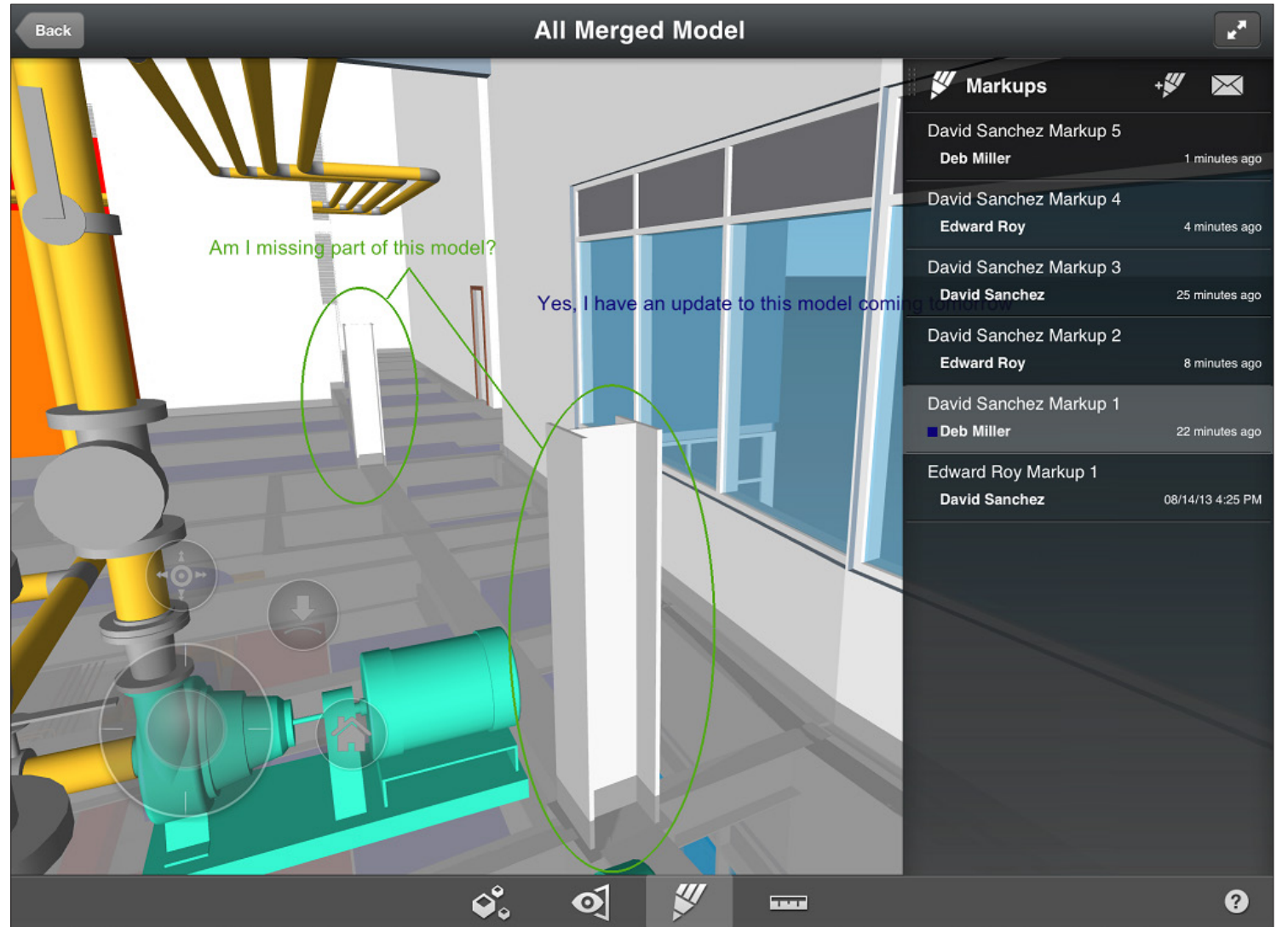
- P&T Architecture
- DCI Structural
- VBA Haz Mat
- Interface Mechanical
- Interface Electrical
- Interface Plumbing
- Interface Technology
- Interface Fire

Buttons for "Clear" and "Done" are at the bottom of the modal. Below the modal, there are settings for "Data: _Per User Settings" and "View: Settings".

Solution for inputs into a Revit Model

PRO: Directly connects to model, multiple users, images/additional data

CON: Setup and administrative effort; best for thorough models



BIM 360 FIELD

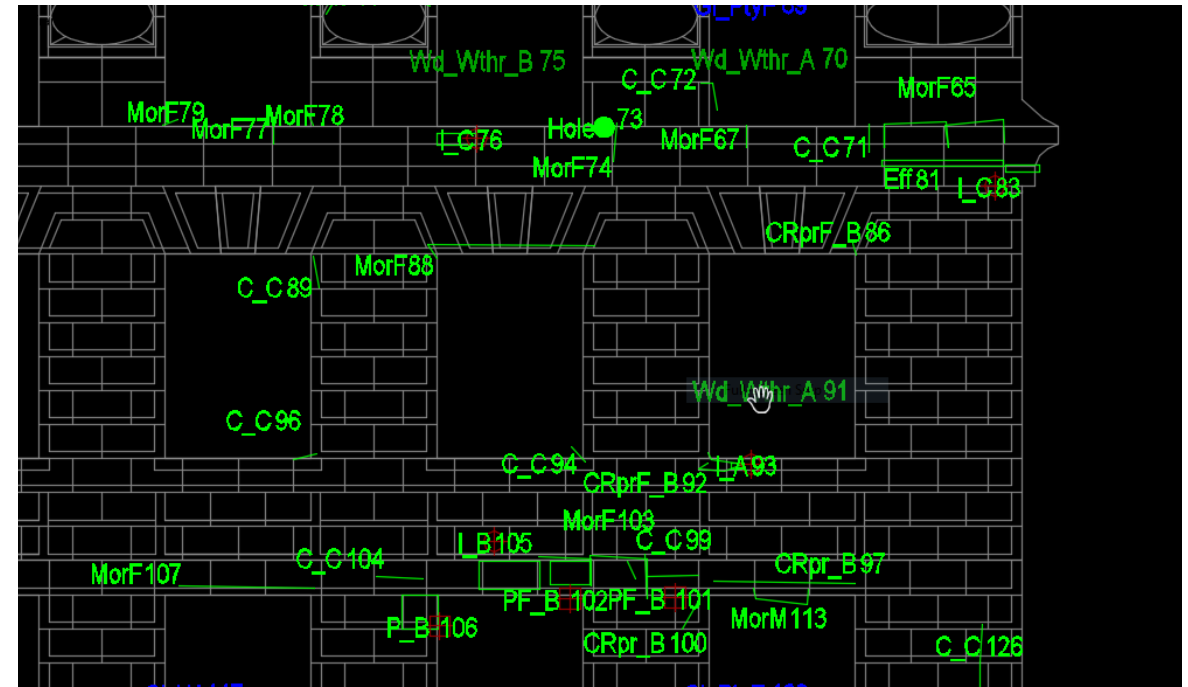
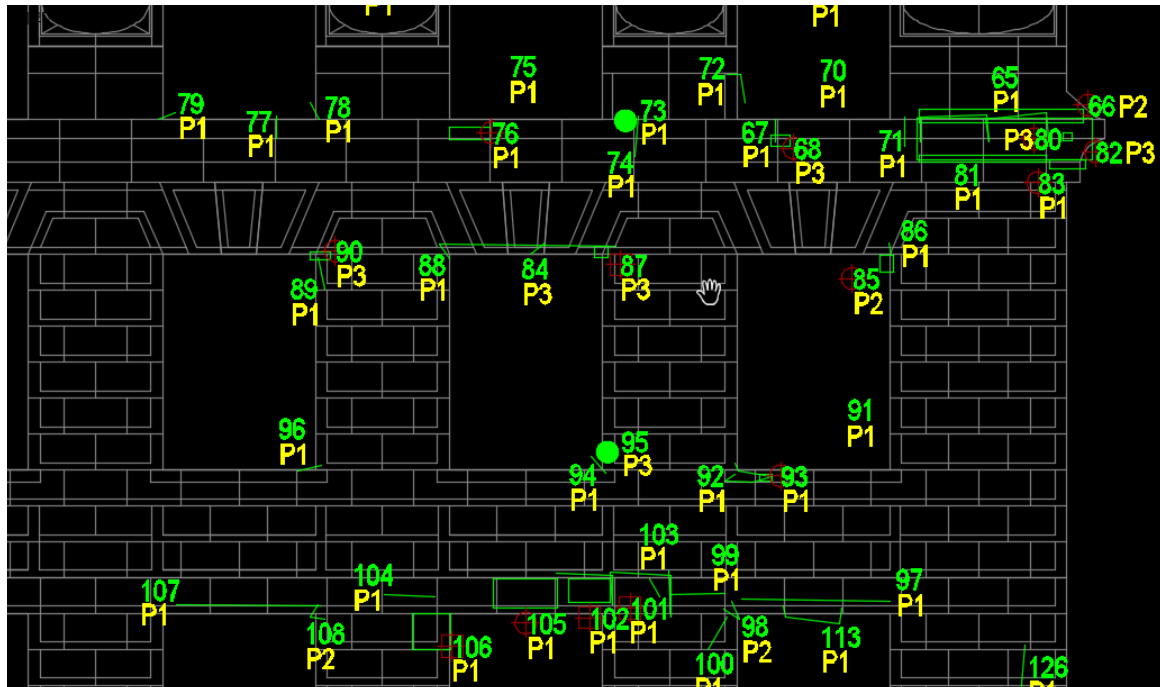
Data inputs & images tied to a specific location within AutoCAD natively.



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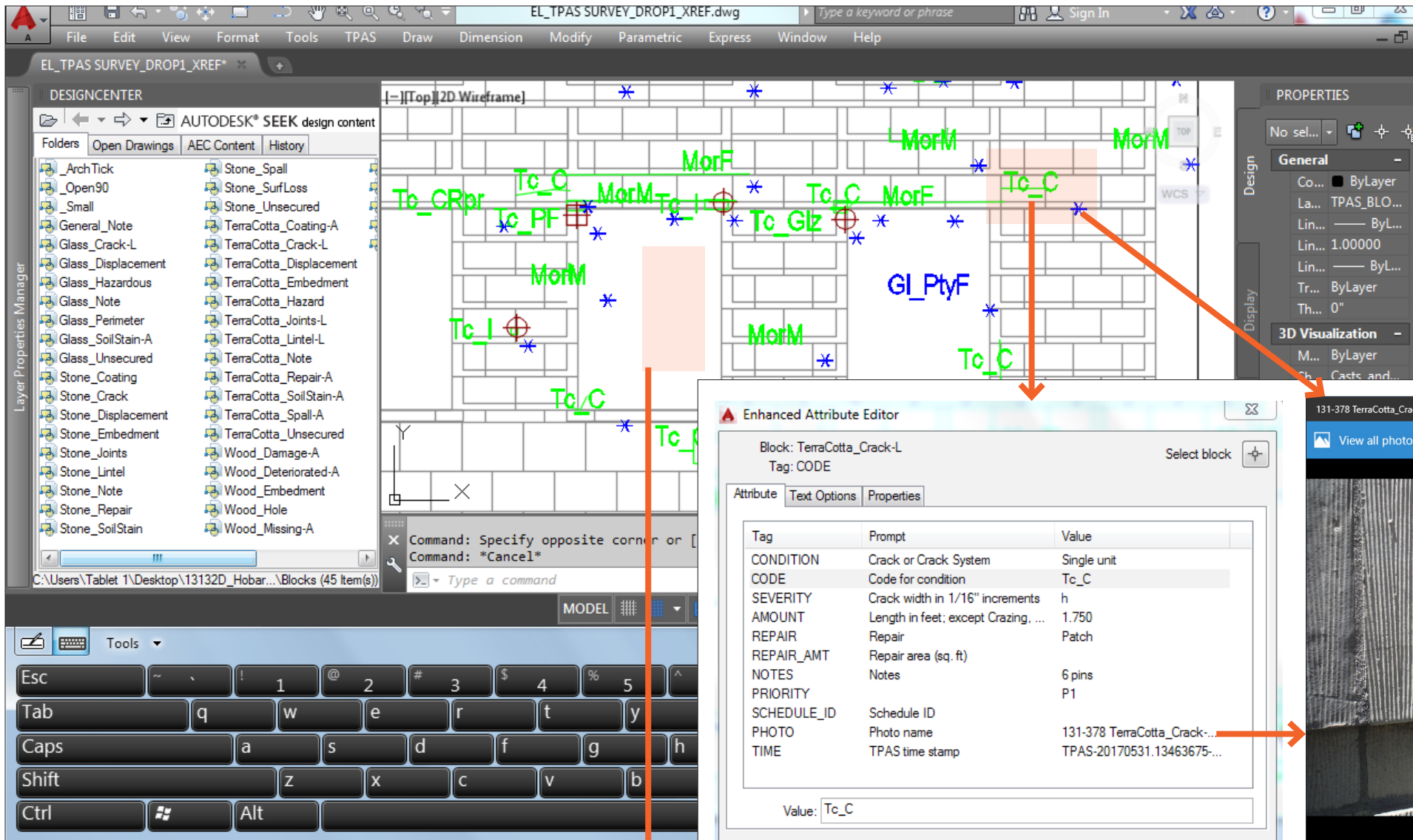
PRO: photo renaming/hyperlinking, data capture direct on DWG, adaptable

CON: hardware intensive, requires precise procedures



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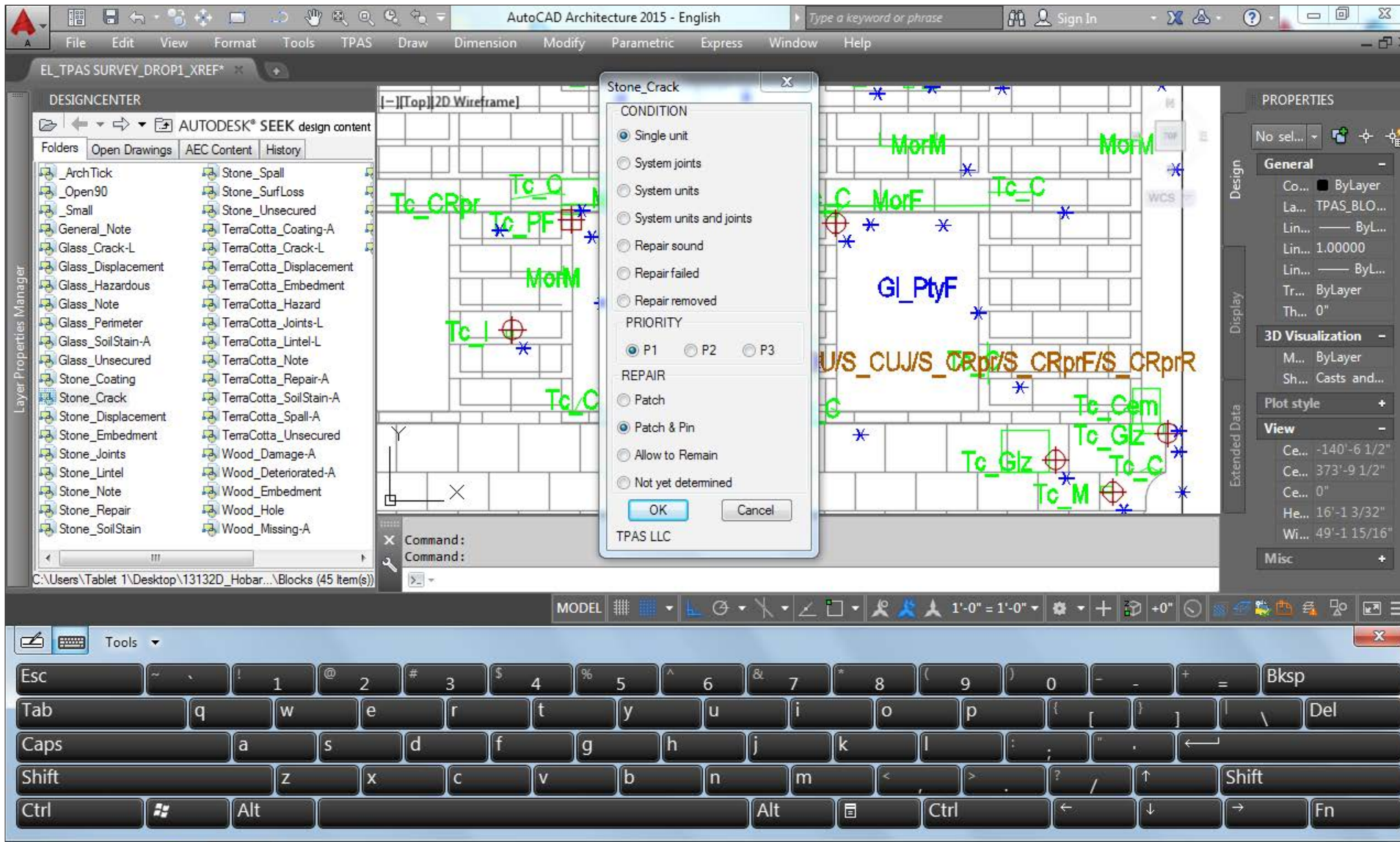


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example to follow

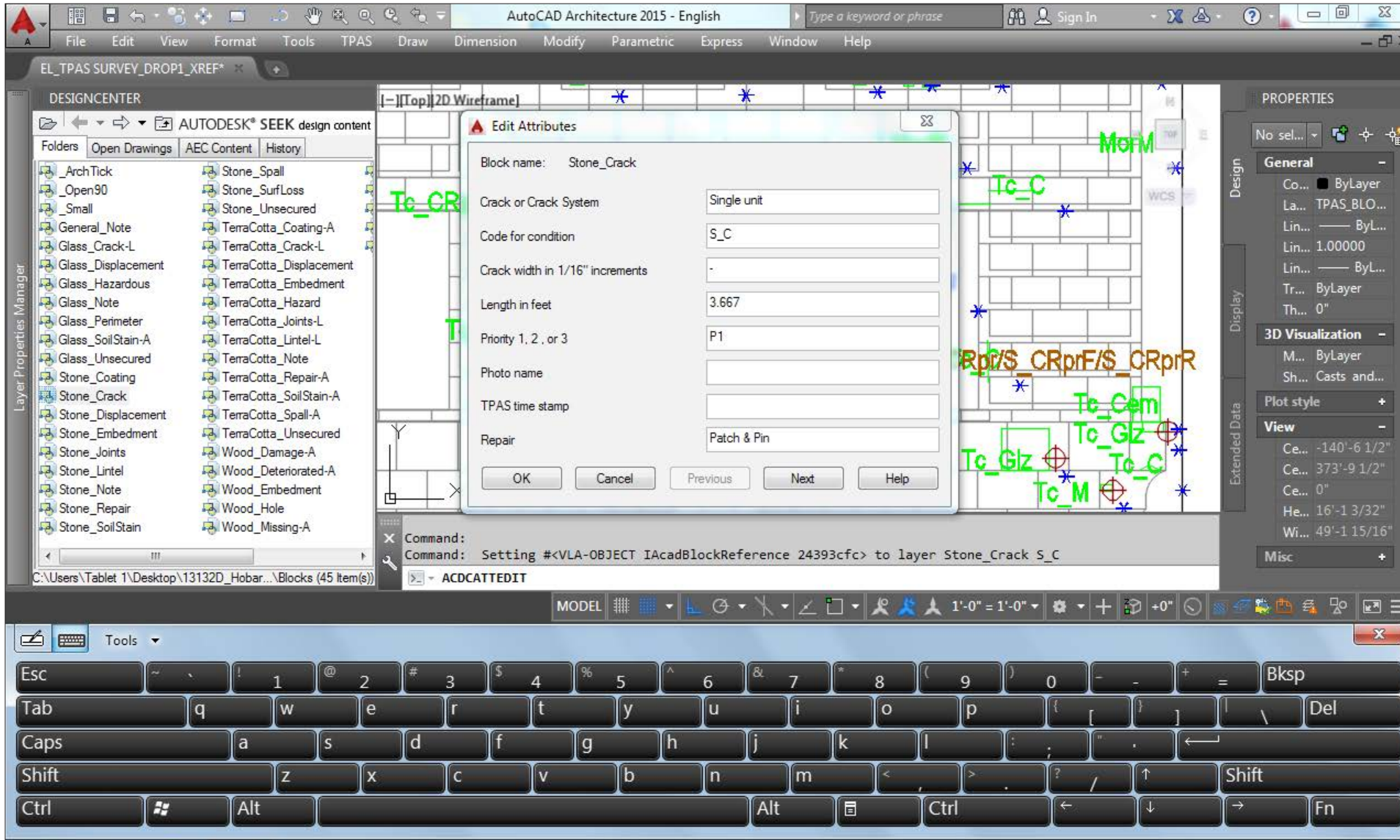
PAGE & TURNBULL



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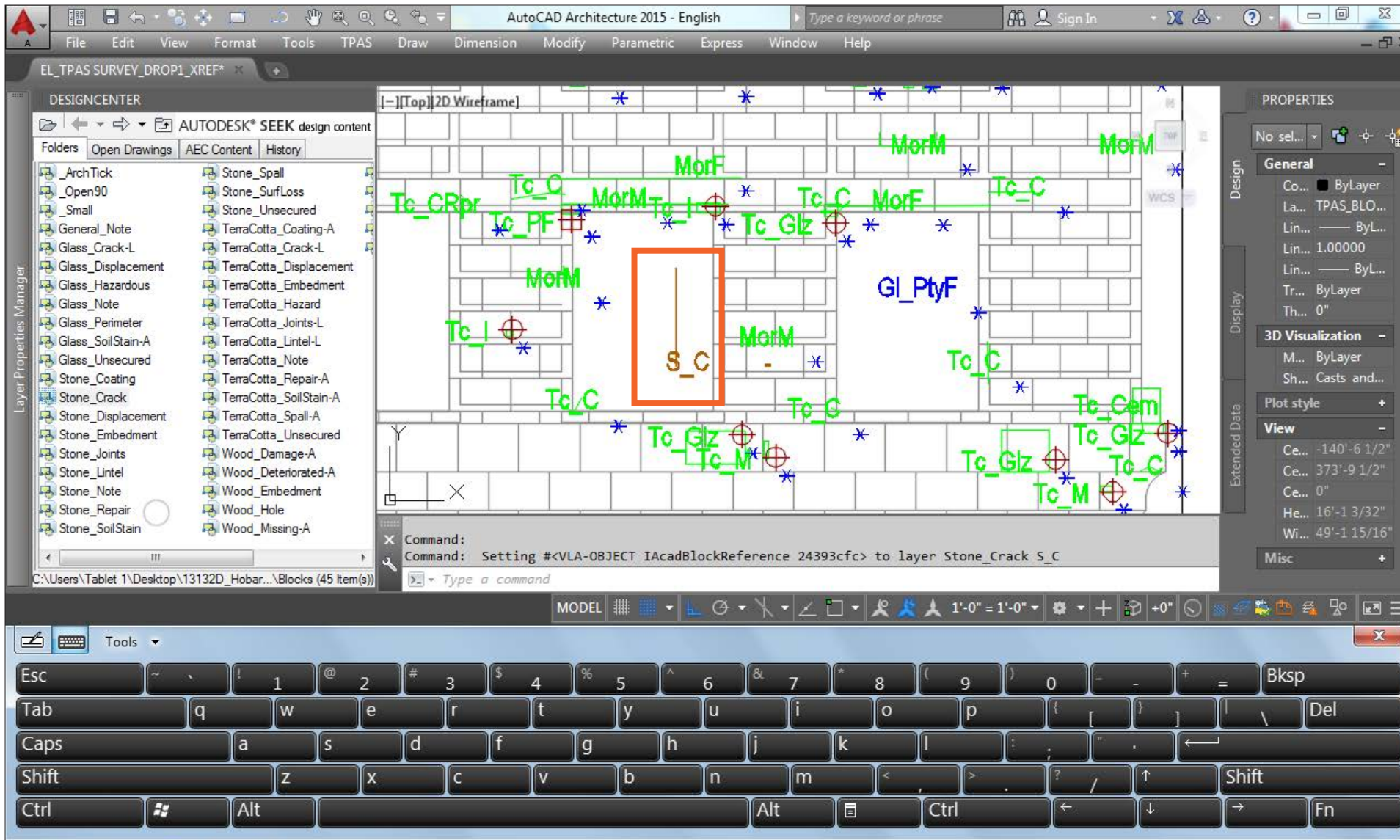
PAGE & TURNBULL



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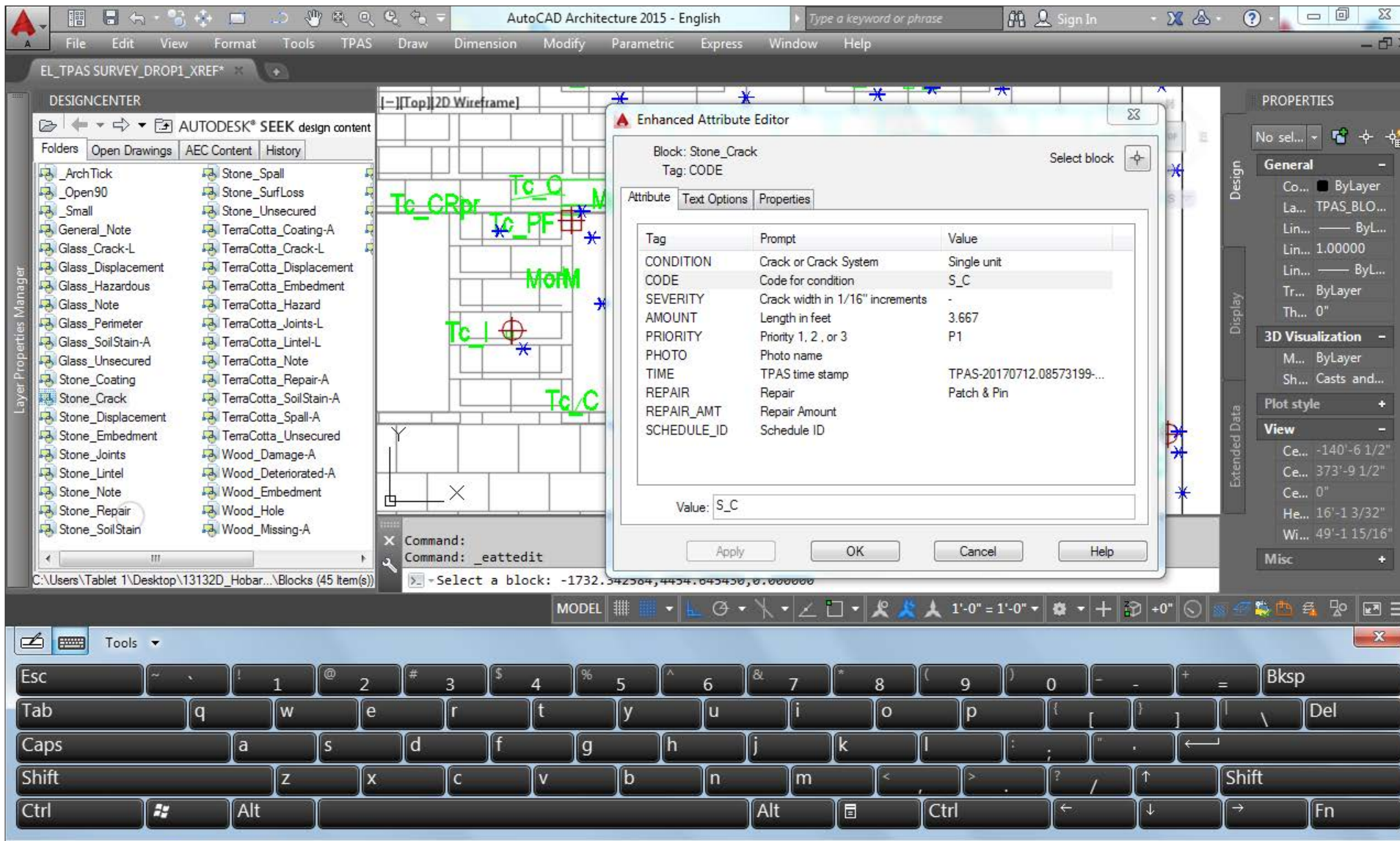
PAGE & TURNBULL



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2017-06-13_MARKET ST SURVEY DROP 1_schedule booklet.xlsx - Excel

Caitlin Turner

File Home Insert Page Layout Formulas Data Review View BLUEBEAM ACROBAT Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing Bluebeam


N11 8

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	HANDLE	BLOCKNAI	CONDITIO	CODE	AMOUNT	AMT_UNI	REPAIR	REPAIR_A	RPRAMT	REPAIR_A	NOTES	PINS	PRIORITY	SCHEDULE	TIME	SEVERITY	PHOTO	PHOTO
16	'B461	TerraCott	Effloresce	Eff	49	SQUARE F	Clean						P1	17		<	134-585 TerraCotta_SoilStain-A Efflorescence 01_CT-1.JPG	
17	'B49B	TerraCott	Mortar Fai	MorF	50%	DETERIOR	Replace joint	32.25	LINEAR FE	<			P1	20		<	153-583 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
18	'B654	TerraCott	Single uni	C_C	7.8	LINEAR FE	Patch & pin				16 pins	16	P1	21		1/8 INCH	125-581 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
19	'B6A4	TerraCott	Single uni	C_C	0.8	LINEAR FE	Patch & pin				6 pins	6	P1	22		1/16 INCH	131-580 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
20	'B6B2	TerraCott	Single uni	C_C	0.8	LINEAR FE	Patch & pin				6 pins	6	P1	23		1/16 INCH	131-580 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
21	'B6D0	TerraCott	Mortar Fai	MorF	80%	DETERIOR	Replace joint	3	LINEAR FE	<			P1	24		<	135-581 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
22	'B72C	TerraCott	Single uni	C_C	2.2	LINEAR FE	Patch & pin				4 pins	4	P1	25		HAIRLINE	146-581 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
23	'B6EE	TerraCott	Single uni	C_C	2.33	LINEAR FE	Patch & pin				6 pins	6	P1	26		HAIRLINE	144-580 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
24	'B70D	TerraCott	Single uni	C_C	0.85	LINEAR FE	Patch & pin				4 pins	4	P1	27		1/16 INCH	147-580 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
25	'B79C	Glass_Per	Sealant fa	GI_SlntF	2.1	LINEAR FE	Replace						P1	28		<	138-578 Glass_Perimeter Sealant failed 01_CT-1.JPG	
26	'B77F	Glass_Per	Putty faile	GI_PtyF			Replace						P1	29		<	133-573 Glass_Perimeter radio_Putty failed 01_CT-1.JPG	
27	'C867	TerraCott	Single uni	C_C	0.843	LINEAR FE	Patch & pin				2 pins	2	P1	30	TPAS-2017	HAIRLINE	134-572 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
28	'B836	TerraCott	Patch Fail	PF_B	134	SQUARE F	Replace patch				4 pins	4	P1	31		<	132-571 TerraCotta_Repair-A Patch Failed 01_CT-1.JPG	
29	'B8A3	TerraCott	Repair fail	CRprF_B	1.5	LINEAR FE	Patch & pin				replace pi		6	P1	32	HAIRLINE	135-572 TerraCotta_Crack-L Repair failed 01_CT-1.JPG	135-572
30	'B7B8	Glass_Per	Putty faile	GI_PtyF			Replace						P1	33		<	143-573 Glass_Perimeter radio_Putty failed 01_CT-1.JPG	
31	'B7D4	Glass_Per	Putty faile	GI_PtyF			Replace						P1	34		<	148-573 Glass_Perimeter Putty failed 01_CT-1.JPG	
32	'B9D4	TerraCott	Mortar Fai	MorF	80%	DETERIOR	Replace joint	9.8	LINEAR FE	<			P1	35		<	142-561 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
33	'B8CA	Glass_Per	Putty faile	GI_PtyF			Replace						P1	36		<	135-556 Glass_Perimeter radio_Putty failed 01_CT-1.JPG	
34	'B907	TerraCott	Missing	M_A	0.68	SQUARE F	Patch						P1	37		<	138-555 TerraCotta_Spall-A Missing 01_CT-1.JPG	
35	'B92F	TerraCott	Patch Fail	PF_C	32	SQUARE F	Replace patch						P1	38		<	142-557 TerraCotta_Repair-A Patch Failed 01_CT-1.JPG	
36	'B997	TerraCott	Single uni	C_B	0.7	LINEAR FE	Patch						P1	39		HAIRLINE	143-555 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
37	'B978	Wood_De	Weathered	Wd_Withr_A			Replace piece						P1	40		3/16 INCH	145-556 Wood_Deteriorated-A Weathered 01_CT-1.JPG	
38	'B9B6	TerraCott	Single uni	C_B	0.85	LINEAR FE	Patch						P1	41		HAIRLINE	149-555 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
39	'B9FC	TerraCott	Single uni	CRpr_B	9.8	LINEAR FE	Remain				1 pins	1	P1	42		HAIRLINE	157-555 TerraCotta_Crack-L Single unit 01_CT-1.JPG	
40	'BA24	TerraCott	Mortar Fai	MorF	50%	DETERIOR	Replace joint	11.3	LINEAR FE	<			P1	43		<	132-552 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
41	'BA40	Glass_Per	Putty faile	GI_PtyF			Replace						P1	45		<	135-548 Glass_Perimeter radio_Putty failed 01_CT-1.JPG	
42	'BA96	Glass_Per	Putty faile	GI_PtyF			Replace						P1	46		<	145-549 Glass_Perimeter Putty failed 01_CT-1.JPG	
43	'BA7A	TerraCott	Mortar Fai	MorF	100%	DETERIOR	Replace joint	4.6	LINEAR FE	<			P1	47		<	140-548 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
44	'BAE6	TerraCott	Mortar Fai	MorF	100%	DETERIOR	Replace joint	10.2	LINEAR FE	<			P1	48		<	142-546 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
45	'BB04	TerraCott	Glazing Lo	Glz	0.43	SQUARE F	Patch				50% loss		P1	49		<	126-545 TerraCotta_Spall-A Glazing Loss 01_CT-1.JPG	
46	'BA5D	TerraCott	Mortar Fai	MorF	100%	DETERIOR	Replace joint	1.8	LINEAR FE	<			P1	50		<	126-544 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	
47	'BB40	TerraCott	Missing	M_B	1	SQUARE F	Patch				6 pins	6	P1	51		<	139-545 TerraCotta_Spall-A Missing 01_CT-1.JPG	
48	'BB22	TerraCott	Mortar Fai	MorF	80%	DETERIOR	Replace joint	2.9	LINEAR FE	<			P1	52		<	137-543 TerraCotta_Joints-L Mortar Failed 01_CT-1.JPG	



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Material & Condition	TerraCotta_Spall-A	Code	M_A
Condition Clarification	Missing		
SCHEDULE ID	5	PRIORITY	P1
	No photo is available for this condition		
Amount	0.5	Units	SQUARE FEET
Severity	<>		
Repair	Patch		
Repair Amount	12	Repair Amount Units	
Notes	along/above edge		

Material & Condition	TerraCotta_Spall-A	Code	M_A
Condition Clarification	Missing		
SCHEDULE ID	6	PRIORITY	P1
	136-589 TerraCotta_Spall-A Missing 01_CT-1.JPG		
			
Amount	0.5	Units	SQUARE FEET
Severity	<>		
Repair	Patch		
Repair Amount	12	Repair Amount Units	
Notes			

2

Material & Condition	TerraCotta_SoilStain-A	Code	Eff
Condition Clarification	Efflorescence		
SCHEDULE ID	17	PRIORITY	P1
	134-585 TerraCotta_SoilStain-A Efflorescence 01_CT-1.JPG		
			
Amount	49	Units	SQUARE FEET
Severity	<>		
Repair	Clean		
Repair Amount		Repair Amount Units	
Notes			

6



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Other Photo Capture Tools

Nodal Ninja:
plastic arm for digital camera
to capture 360 degree images

GigaPan: robotic armature
for capturing hi-res, large
size images



Other Data Tools

Computerized Maintenance
Management Systems

Other Solutions



PAGE & TURNBULL

imagining change in historic environments through design, research, and technology

Maggie Smith
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Caitlin Turner
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Thank You

