



SAN FRANCISCO PLANNING DEPARTMENT

Certificate of Appropriateness Case Report

Hearing Date: April 7, 2010
Filing Date: February 22, 2010
Case No.: **2010.0108A**
Project Address: **2115 Bush Street**
Historic District: Bush Street/Cottage Row Historic District
Zoning: RM-1 (Residential, Mixed, Low Density)
40-X Height and Bulk District
Block/Lot: 0677/032
Applicant: Eliot Sutro Architect
414 Jackson, #302
San Francisco, CA 94111
Staff Contact Aaron Starr - (415) 558-6362
aaron.starr@sfgov.org
Reviewed By Tina Tam – (415) 558-6325
tina.tam@sfgov.org

1650 Mission St.
Suite 400
San Francisco,
CA 94103-2479

Reception:
415.558.6378

Fax:
415.558.6409

Planning
Information:
415.558.6377

PROPERTY DESCRIPTION

2113-2115 Bush Street, south side between Fillmore and Webster Streets. Assessor's Block 0677, Lot 032. The subject building is part of a row of Italianate houses constructed in approximately 1874 that stretch from 2113 to 2125 Bush Street. The subject building is a 2-story over basement, flat-front Italianate with small pediments over the windows (pitched on the top floor and rounded on the lower floor) a heavy bracketed cornice and a raised entry on the right side of the building. The subject property is approximately 31' wide by 137.5' deep and abuts the public right-of-way known as Cottage Row. The subject property is located within an RM-1 (Residential, Mixed, Low Density) Zoning District and is in a 40-X Height and Bulk District.

PROJECT DESCRIPTION

The proposed work includes adding new exterior lighting fixtures and deck heaters to the rear of the subject building; security cameras on the subject building and within the rear yard; adding corrugated metal weather protection to the underside of the existing deck joists; additional wood lattice screening to the existing rear deck; new wood cladding over existing steel fire escape; and a new in-deck hot tub. Some of the alterations have already been installed, such as the corrugated metal, the security cameras, some of the deck heaters and the light fixtures.

OTHER ACTIONS REQUIRED

Some of the proposed alterations require a building permit.

COMPLIANCE WITH THE PLANNING CODE PROVISIONS

The proposed project is in compliance with all other provisions of the Planning Code.

APPLICABLE PRESERVATION STANDARDS

A Certificate of Appropriateness is required for any construction, alteration, removal, or demolition of a designated Landmark for which a City permit is required. In appraising a proposal for a Certificate of Appropriateness, the Historic Preservation Commission should consider the factors of architectural style, design, arrangement, texture, materials, color, and other pertinent factors. Section 1006.7 of the Planning Code provides in relevant part as follows:

- The proposed work shall be appropriate for and consistent with the effectuation of the purposes of Article 10.
- For applications pertaining to property in historic districts, other than on a designated landmark site, any new construction, addition or exterior change shall be compatible with the character of the historic district as described in the designating ordinance; and, in any exterior change, reasonable efforts shall be made to preserve, enhance or restore, and not to damage or destroy, the exterior architectural features of the subject property which are compatible with the character of the historic district. Notwithstanding the foregoing, for any exterior change where the subject property is not already compatible with the character of the historic district, reasonable efforts shall be made to produce compatibility, and in no event shall there be a greater deviation from compatibility. Where the required compatibility exists, the application for a Certificate of Appropriateness shall be approved.
- For applications pertaining to all property in historic districts, the proposed work shall also conform to such further standards as may be embodied in the ordinance designating the historic district.

In addition to the above requirements, a Certificate of Appropriateness is required for all exterior changes within the Bush Street/Cottage Row Historic District that are visible from a public street, the Cottage Row right-of-way, or the Cottage Row Mini Park. Such exterior changes requiring approval shall include, but not be limited to, the installation or replacement of fences, retaining walls, windows, security grates, lighting fixtures, and other building features visible from the public way.

ARTICLE 10 – Appendix K – Bush Street-Cottage Row Historic District

In reviewing an application for a Certificate of Appropriateness, the Historic Preservation Commission must consider whether the proposed work would be compatible with the character of the Bush Street-Cottage Row as described in Sections 6 of Appendix K of Article 10.

1. Overall Form and Continuity. The massing of the existing buildings relates to the topographical contour of the site, and is compatible with the adjacent area.

The alterations will not change the massing of the building or its relationship to the surrounding buildings.

2. Scale and Proportion. Buildings in the District relate to the height and setback of the structures immediately adjacent and in the general area, contained within an envelope that slopes upward or downward with the slope of the properties.

The alterations will not have any effect on the building's height or front setback.

3. Fenestration. Existing fenestration is predominantly double-hung wooden sash and is proportionate and in scale with 19th century stylistic patterns within the District.

The alterations will not change the fenestration pattern of the building.

4. Materials. Horizontal rustic wood siding is the traditional cladding material in the District.

The alterations will not change the siding on the building.

5. Detail. Detailing found in the district usually follows simple, straightforward Italianate or Stick Style forms.

Original detailing will not be altered or removed.

THE SECRETARY OF THE INTERIOR'S STANDARDS

Rehabilitation is the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features that convey its historical, cultural, or architectural values. The Rehabilitation Standards provide, in relevant part(s):

Standard 2.

The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.

Standard 3.

Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

Standard 9.

New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

Standard 10.

New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

PUBLIC/NEIGHBORHOOD INPUT

The Department was made aware of some of the alterations by a complaint from a neighbor who feels that they significantly impact the historic character of the neighborhood.

ISSUES & OTHER CONSIDERATIONS

The subject property has been under renovation for sometime with several instances of work performed without the benefit of receiving a Certificate of Appropriateness from the Historic Preservation Commission. However, it is important to note that the Bush Street/Cottage Row Historic District has more restrictions as to what can be done without a Certificate of Appropriateness compared to other Historic Districts. For instance changing a light fixture, which does not require a building permit, requires a Certificate of Appropriateness in the Bush Street Cottage Row Historic District. Past violations include replacing the asbestos siding on the rear and sides of the building with historically appropriate wood cove siding and replacing the front double-hung, single-pane weight and pulley window sashes with double-hung, double-paned weight and pulley window sashes.

STAFF ANALYSIS

Based on the requirements of Article 10 and the Secretary of Interior's Standards, staff has determined that the proposed work will not adversely effect the historic district or to the subject building.

Staff finds that the proposed alterations including the light fixtures, deck heaters, security cameras, corrugated metal for weather proofing, additional wood lattice screening, wood cladding over existing steel fire escape, and in deck hot tub will be minor alterations to the subject building with little visual impact from Cottage Row and are consistent with the Secretary of the Interior's Standards for rehabilitation.

Staff finds that the proposed new fixtures- lighting, heaters and security cameras- are unobtrusive and will not create a false sense of history or detract from the historic character of the district.

Furthermore, staff finds that the essential form and integrity of the historic property and its environment would be unimpaired if the proposed alterations were removed at a future date.

ENVIRONMENTAL REVIEW STATUS

The Planning Department has determined that the proposed project is exempt/excluded from environmental review, pursuant to CEQA Guideline Section 15301 (Class One-Minor Alteration of Existing facility) because the project is a minor alteration of an existing structure and meets the *Secretary of the Interior's Standards*.

DRAFT MOTION FOR CONSIDERATION

The Historic Preservation Commission hereby GRANTS the Certificate of Appropriateness, in conformance with the architectural plans dated February 22, 2010 and labeled Exhibit A on file in the docket for Case No. 2010.0108A.

Findings:

- The proposed new lighting fixtures, security cameras, lattice screening, fire escape cover and in-deck hot tub are minor alterations that will not impact the main character defining features of the subject building and will not create a false sense of history.
- The proposed alterations will not have an adverse impact on other offsite historic resources or the Bush Street-Cottage Row Historic District.
- The essential form and integrity of the historic property and its environment would be unimpaired if the proposed alterations were removed at a future date.

For these reasons, the proposal overall, is appropriate for and consistent with the purposes of Article 10, meets the standards of Article 10, and the *Secretary of Interior's Standards for Rehabilitation*.

ATTACHMENTS

Draft Motion
Parcel Map
Aerial Photos
Zoning Map
Plans
Product Spec Sheets
Photographs

AS: G:\DOCUMENTS\CofA\2113-2115 Bush Street\Misc Work\2115 Bush Street.CofA.Case Report.doc



SAN FRANCISCO PLANNING DEPARTMENT

Historic Preservation Commission Draft Motion

HEARING DATE: APRIL 7, 2010

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Suite 400
San Francisco,
CA 94103-2479

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ADOPTING FINDINGS FOR A CERTIFICATE OF APPROPRIATENESS FOR PROPOSED WORK DETERMINED TO BE APPROPRIATE FOR AND CONSISTENT WITH THE PURPOSES OF ARTICLE 10, TO MEET THE STANDARDS OF ARTICLE 10 AND TO MEET THE SECRETARY OF INTERIOR'S STANDARDS FOR REHABILITATION, FOR THE PROPERTY LOCATED ON LOT 032 IN ASSESSOR'S BLOCK 0677, WITHIN AN RH-3 (RESIDENTIAL, HOUSE, THREE-FAMILY) ZONING DISTRICT AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

WHEREAS, on February 22, 2010, Eliot Sutro of Sutro Architects (Project Sponsor) filed an application with the San Francisco Planning Department (hereinafter "Department") for a Certificate of Appropriateness for minor modifications to the rear of the subject building located on lot 032 in Assessor's Block 0677 for use as a two-family residences. The work includes adding new exterior lighting fixtures and deck heaters to the rear of the subject building; security cameras on the subject building and within the rear yard; adding corrugated metal weather protection to the underside of the existing deck joists; additional wood lattice screening to the existing rear deck; new wood cladding over existing steel fire escape; and a new in-deck hot tub.

- The proposed alterations will be at least partially visible from Cottage Row and are therefore required to obtain a Certificate of Appropriateness from the Historic Preservation Commission per Article 10, Appendix K of the Planning Code.

WHEREAS, the Project was determined by the Department to be categorically exempt from environmental review. The Historic Preservation Commission (hereinafter "Commission") has reviewed and concurs with said determination.

WHEREAS, on April 7, 2010, the Commission conducted a duly noticed public hearing on the current project, Case No. 2010.0108A ("Project") for its appropriateness.

WHEREAS, in reviewing the Application, the Commission has had available for its review and consideration case reports, plans, and other materials pertaining to the Project contained in the Department's case files, has reviewed and heard testimony and received materials from interested parties during the public hearing on the Project.

MOVED, that the Commission hereby grants the Certificate of Appropriateness, in conformance with the architectural plans dated received February 22, 2010 and labeled Exhibit A on file in the docket for Case No. 2010.0108A based on the following findings:

FINDINGS

Having reviewed all the materials identified in the recitals above and having heard oral testimony and arguments, this Commission finds, concludes, and determines as follows:

1. The above recitals are accurate and also constitute findings of the Commission.
2. Findings pursuant to Article 10:

The Historical Preservation Commission has determined that the proposed work is compatible with the character of the Bush Street/Cottage Row Historic District as described in Appendix K of Article 10 of the Planning Code.

- The proposed new lighting fixtures, security cameras, lattice screening, fire escape cover and in-deck hot tub are minor alterations that will not impact the main character defining features of the subject building and will not create a false sense of history.
- The propose alterations will not have an adverse impact on other offsite historic resources or the Bush Street-Cottage Row Historic District.
- The essential form and integrity of the historic property and its environment would be unimpaired if the proposed alterations were removed at a future date.
- The proposed project meets the following Secretary of the Interior's Standards for Rehabilitation:

Standard 1.

A property shall be used for its historic purpose or be placed in a new use that requires minimal change to the defining characteristics of the building and its site and environment.

Standard 2.

The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.

Standard 3.

Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

Standard 9.

New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work will be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

Standard 10.

New additions and adjacent or related new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

3. **General Plan Compliance.** The proposed Certificate of Appropriateness is, on balance, consistent with the following Objectives and Policies of the General Plan:

I. URBAN DESIGN ELEMENT

THE URBAN DESIGN ELEMENT CONCERNS THE PHYSICAL CHARACTER AND ORDER OF THE CITY, AND THE RELATIONSHIP BETWEEN PEOPLE AND THEIR ENVIRONMENT.

GOALS

The Urban Design Element is concerned both with development and with preservation. It is a concerted effort to recognize the positive attributes of the city, to enhance and conserve those attributes, and to improve the living environment where it is less than satisfactory. The Plan is a definition of quality, a definition based upon human needs.

OBJECTIVE 1

EMPHASIS OF THE CHARACTERISTIC PATTERN WHICH GIVES TO THE CITY AND ITS NEIGHBORHOODS AN IMAGE, A SENSE OF PURPOSE, AND A MEANS OF ORIENTATION.

POLICY 1.3

Recognize that buildings, when seen together, produce a total effect that characterizes the city and its districts.

OBJECTIVE 2

CONSERVATION OF RESOURCES WHICH PROVIDE A SENSE OF NATURE, CONTINUITY WITH THE PAST, AND FREEDOM FROM OVERCROWDING.

POLICY 2.4

Preserve notable landmarks and areas of historic, architectural or aesthetic value, and promote the preservation of other buildings and features that provide continuity with past development.

POLICY 2.5

Use care in remodeling of older buildings, in order to enhance rather than weaken the original character of such buildings.

POLICY 2.7

Recognize and protect outstanding and unique areas that contribute in an extraordinary degree to San Francisco's visual form and character.

The goal of a Certificate of Appropriateness is to provide additional oversight for buildings and districts that are architecturally or culturally significant to the City in order to protect the qualities that are associated with that significance.

The proposed project qualifies for a Certificate of Appropriateness and therefore furthers these policies and objectives by maintaining and preserving the character-defining features of the Bush Street Cottage Row Historic District for the future enjoyment and education of San Francisco residents and visitors.

4. The proposed project is generally consistent with the eight General Plan priority policies set forth in Section 101.1 in that:

- A) The existing neighborhood-serving retail uses will be preserved and enhanced and future opportunities for resident employment in and ownership of such businesses will be enhanced:

The proposed project is involved minor alterations to a residential structure and will not have any impact on neighborhood serving retail uses.

- B) The existing housing and neighborhood character will be conserved and protected in order to preserve the cultural and economic diversity of our neighborhoods:

The proposed project includes minor changes to the rear of the subject building; it will not have a negative impact on existing housing and neighborhood character.

- C) The City's supply of affordable housing will be preserved and enhanced:

The project will not have any impact on the City's supply of affordable housing.

- D) The commuter traffic will not impede MUNI transit service or overburden our streets or neighborhood parking:

The proposed project will not result in commuter traffic impeding MUNI transit service or overburdening the streets or neighborhood parking.

- E) A diverse economic base will be maintained by protecting our industrial and service sectors from displacement due to commercial office development. And future opportunities for resident employment and ownership in these sectors will be enhanced:

The proposed will not have any impact on industrial and service sector jobs.

- F) The City will achieve the greatest possible preparedness to protect against injury and loss of life in an earthquake.

The Project will conform to the structural and seismic safety requirements of the Building Code.

- G) That landmark and historic buildings will be preserved:

The proposed project is in conformance with Article 10 of the Planning Code and the Secretary of the Interior's Standards.

- H) Parks and open space and their access to sunlight and vistas will be protected from development:

The proposed project will not impact the access to sunlight or vistas for the parks and open space.

- 5. For these reasons, the proposal overall, is appropriate for and consistent with the purposes of Article 10, meets the standards of Article 10, and the Secretary of Interior's Standards for Rehabilitation, General Plan and Prop M findings of the Planning Code.

DECISION

That based upon the Record, the submissions by the Applicant, the staff of the Department and other interested parties, the oral testimony presented to this Commission at the public hearings, and all other written materials submitted by all parties, the Commission hereby **GRANTS Certificate of Appropriateness No. 2010.0108A** in conformance with the plans marked Exhibit A and dated February 22, 2010.

Duration of this Certificate of Appropriateness: This Certificate of Appropriateness is issued pursuant to Article 10 of the Planning Code and is valid for a period of three (3) years from the effective date of approval by the Historic Preservation Commission. Implementation of this Certificate of Appropriateness is accomplished by completion of construction work (verified through a job card signed by a District Building Inspector) after issuance of an appropriate Building Permit.

APPEAL AND EFFECTIVE DATE OF MOTION: APPEAL: Any aggrieved person may appeal this Motion to the Board of Appeals within fifteen (15) days after the date of this Motion No. XXXX. The effective date of this Motion shall be the date of this Motion. For further information, please contact the Board of Appeals in person at 1650 Mission Street, (Room 304) or call 575-6880.

THIS IS NOT A PERMIT TO COMMENCE ANY WORK OR CHANGE OF OCCUPANCY UNLESS NO BUILDING PERMIT IS REQUIRED. PERMITS FROM THE DEPARTMENT OF BUILDING INSPECTION (and any other appropriate agencies) MUST BE SECURED BEFORE WORK IS STARTED OR OCCUPANCY IS CHANGED.

I hereby certify that the Historical Preservation Commission ADOPTED the foregoing Motion on April 7, 2010.

Linda D. Avery
Commission Secretary

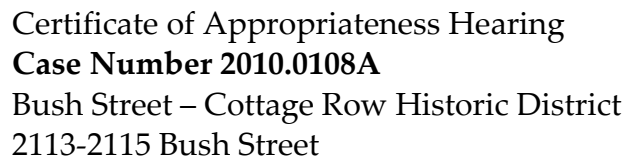
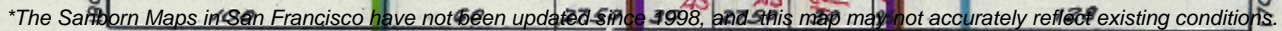
AYES: X

NAYS: X

ABSENT: X

ADOPTED: April 7, 2010

SUBJECT PROPERTY



Aerial Photo

SUBJECT PROPERTY



Aerial Photo

SUBJECT PROPERTY



Certificate of Appropriateness Hearing
Case Number 2010.0108A
Bush Street – Cottage Row Historic District
2113-2115 Bush Street

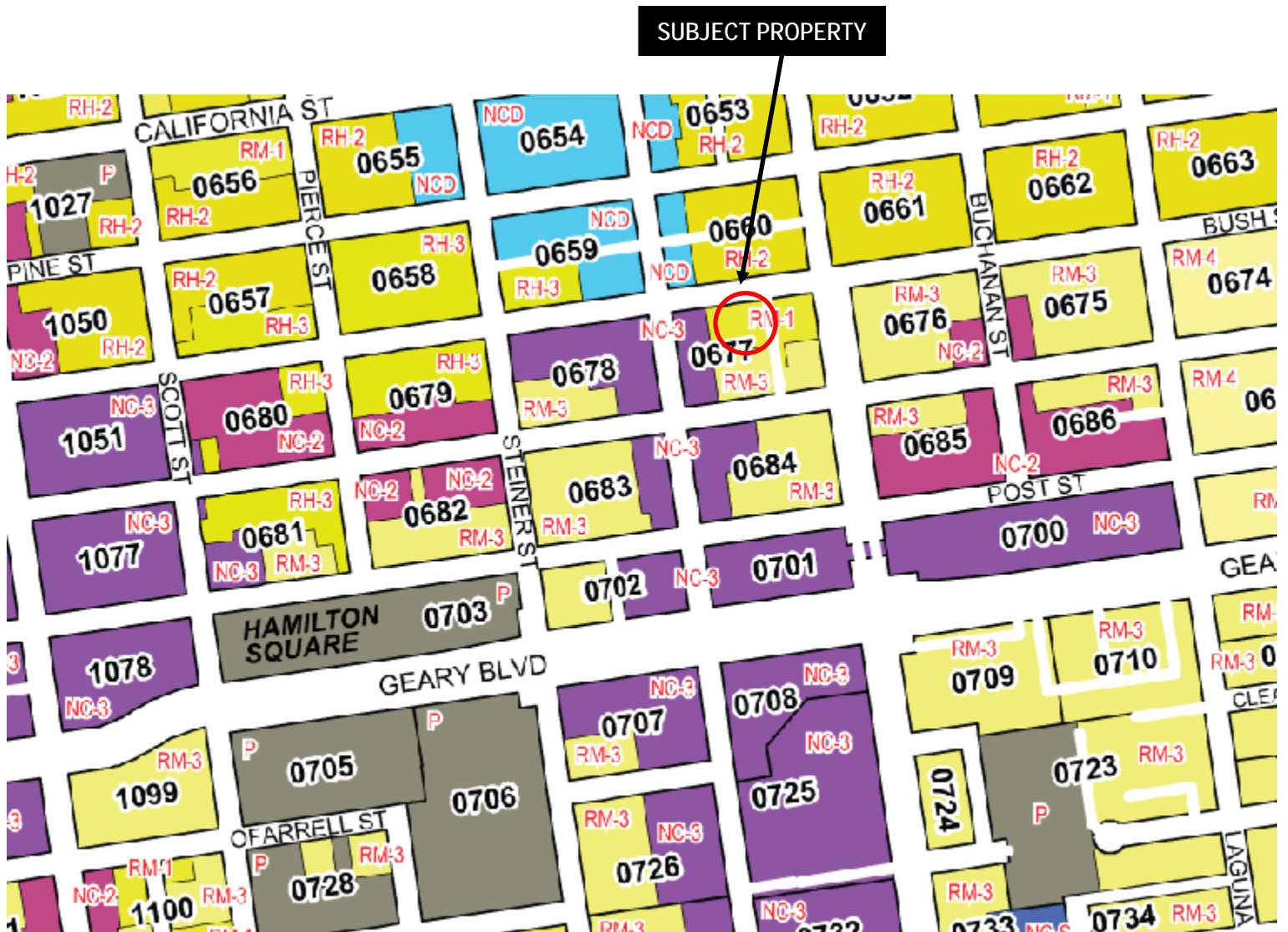
Aerial Photo



SUBJECT PROPERTY

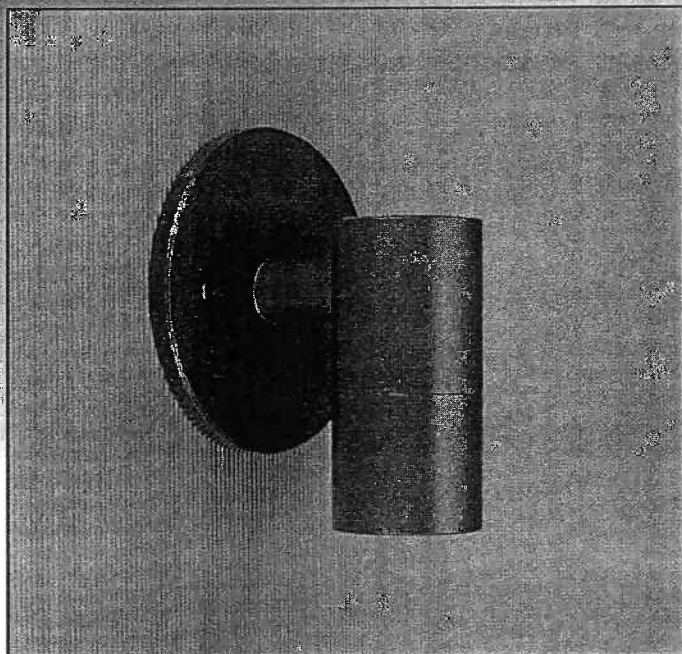
Certificate of Appropriateness Hearing
Case Number 2010.0108A
Bush Street – Cottage Row Historic District
2113-2115 Bush Street

Zoning Map



Certificate of Appropriateness Hearing
Case Number 2010.0108A
Bush Street – Cottage Row Historic District
2113-2115 Bush Street

El Capitan™ Series

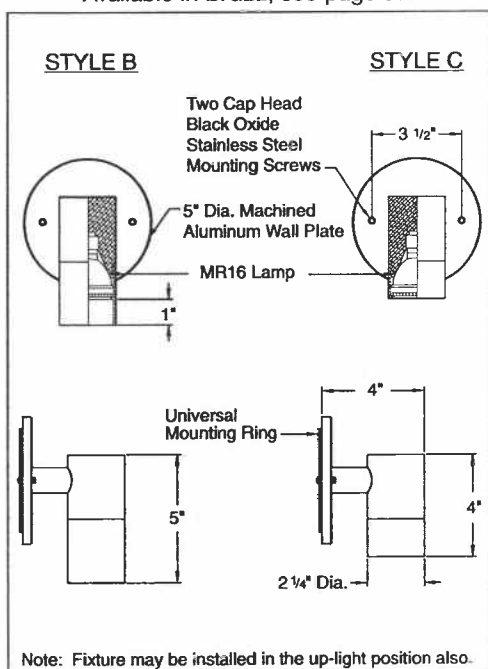


El Capitan Series™ is a beautiful up or down lighting wall bracket. The entire fixture is machined from solid aluminum and then finished in a rich polyester powder coat. There is a choice of two cap styles for different cutoff requirements. The projection from the wall is 4" for ADA compliance.

Features

- Tamper proof design.
- ADA compliant.
- Completely sealed optical compartment.
- Clear, tempered glass lens, factory sealed.
- Machined aluminum construction with stainless steel hardware.
- MR16 lamp holder with 250° C, 18 ga., wire leads.
-  &  Listed with MR16 lamps to 50 watts maximum.
- For use with remote transformers, see page 97.

Available in Brass, see page 90.



CATALOG NUMBER LOGIC

Example: EC 9 - WHP - 9 - 11 - B

Series: EC

Lamp Type:

0 - By others	16 - EYS(42W), 25° N. Flood
1 - ESX(20W), 12° Spot	17 - EYP(42W), 40° Flood
2 - BAB(20W), 40° Flood	6 - EXT(50W), 13° Spot
3 - FRB(35W), 12° Spot	7 - EXZ(50W), 26° N. Flood
4 - FRA(35W), 23° N. Flood	8 - EXN(50W), 40° Flood
5 - FMW(35W), 40° Flood	9 - FNV(50W), 60° W. Flood
15 - EYR(42W), 12° Spot	

Finish

Powder Coat Color	Satin	Wrinkle
Bronze	BZP	BZW
Black	BLP	BLW
White(Gloss)	WHP	WHW
Aluminum	SAP	
Verde		VER

Lens Type

9 - Clear (Standard), 10 - Spread, 12 - Soft Focus, 13 - Rectilinear

Shielding

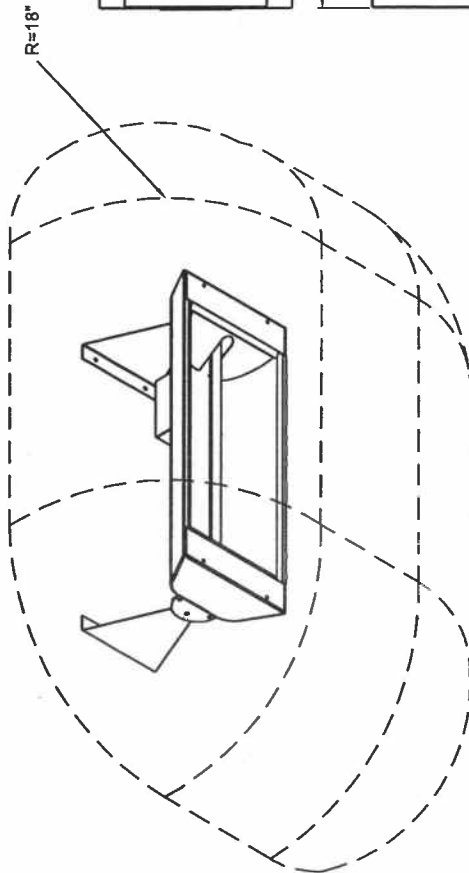
11 - Honeycomb Baffle

Cap Style

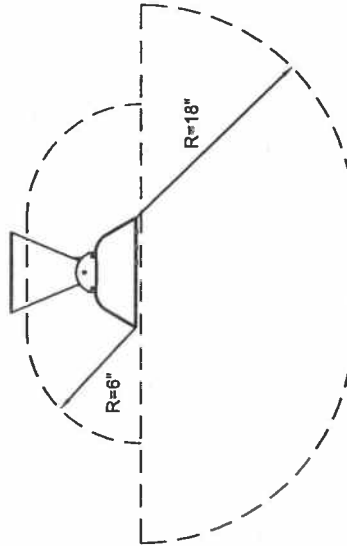
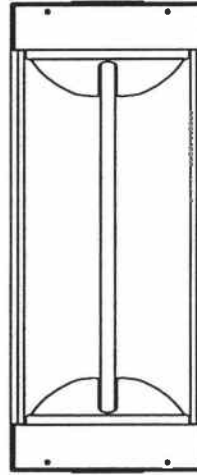
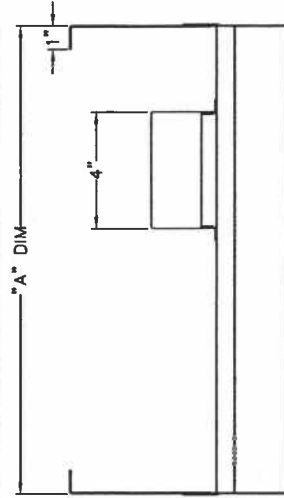
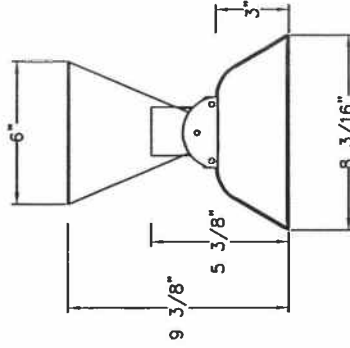
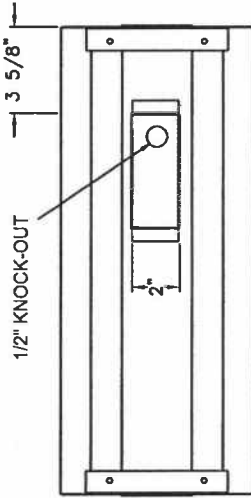
B - 1" Deep Bezel, C - Flush



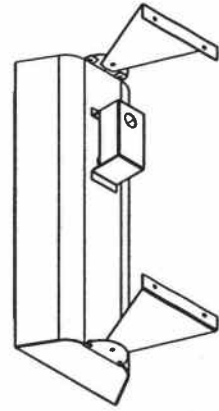
CLEARANCE FROM COMBUSTIBLES



1/2" KNOCK-OUT



MODEL	"A" DIM.	WATTS	VOLTS	AMPS	BTU's
W512	19"	500	120	4.2	1706
W7512	19"	750	120	6.3	2559
W1012	33"	1000	120	8.3	3412
W1512	33"	1500	120	12.5	5118
W2024	39"	2000	240	8.3	6824
W2524	39"	2500	240	10.4	8530
W3024	61 1/4"	3000	240	12.5	10236
W4024	61 1/4"	4000	240	16.7	13648
WD4024	39"	4000	240	16.7	13648
WD5024	39"	5000	240	20.8	17060
WD6024	61 1/4"	6000	240	25	20472
WD8024	61 1/4"	8000	240	33.4	27296



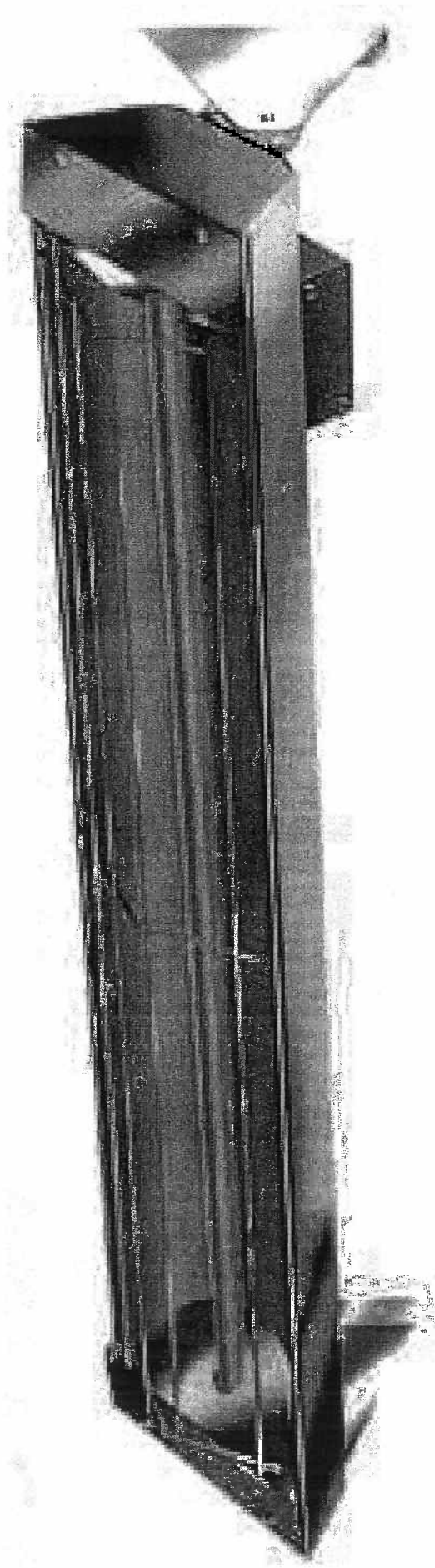
INFRA-TECH
344 W. 157th Street
Gardena, California 90248
Phone: (310) 354-1250
Fax: (310) 523-3674
WWW.INFRA-TECH-USA.COM

DESCRIPTION

W-SERIES HEATER CAD DRAWING

OTHER VOLTAGES ALSO AVAILABLE: 208, 277, 480

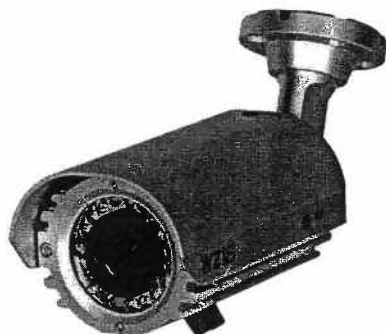
DATE: Aug. 5, 2008
DRAWN BY: MD
SCALE: NONE




BOSCH

Invented for life

WZ18 Integrated Day/Night High-res Bullet Camera



- ▶ 550 TVL high resolution 1/3 in SuperHAD CCD
- ▶ Mechanical filter for vivid daytime color
- ▶ 20 m (66 ft) of high performance night vision
- ▶ 3 to 12 mm varifocal auto-iris lens
- ▶ IP66 with external zoom and focus adjustments

The WZ18 brings together 550 TVL high resolution imaging, mechanical filter CCD technology and ruthlessly efficient dealer-friendly design. The camera delivers 20 m (66 ft) of high performance night vision.

The WZ18 incorporates 18 LEDs which are powerful enough to drive infrared to a maximum range of 30 m (100 ft). For the purposes of CCTV surveillance imaging, the resulting infrared illumination delivers high performance night vision images up to a distance of 20 m (65 ft).

The WZ18 uses a 1/3 in CCD image sensor, delivering 550 TVL images. Using a dual window IR-Cut and IR-Pass filter, the WZ18 delivers vivid color during day and exceptional performance to infrared at night. The mechanical filter technology helps eliminate focus shift and infrared bleed for effective 24/7 performance.

The WZ18 incorporates a 3 to 12 mm varifocal, auto-iris lens for versatile optical function. Focus and zoom are controlled externally by hand, requiring no tools for adjustments and making WZ18 a true Plug-and-Play camera.

Designed to IP66 environmental standards, WZ18 operates on either 12 VDC or 24 VAC. Photocell-controlled operation increases energy efficiency and ensures accurate day-night switching for outstanding 24/7 performance. A 360° pan / 90° tilt bracket and sunshield are both included as standard.

Functions

Applications

- Commercial
- Schools and colleges
- Industrial sites
- Residential
- Warehouses
- Parking lots
- Retail
- Hotels and nightclubs
- Transportation hubs

Technical Specifications

Video

Signal Processing	Digital signal processing (DSP)
CCD Camera	1/3 in SuperHAD CCD with Mechanical Filter technology
Filter	Dual-window mechanical type, IR Pass, IR-Cut
Resolution	High resolution 550 TVL
Effective Pixels (H x V)	PAL: 795 x 596, NTSC: 811 x 508
Night-Time Sensitivity	0 lux (infrared on)
Day-Night Switching	Photocell-controlled, automatic
Electronics Iris	1/50 to 1/100,000 s (PAL), 1/60 to 1/100,000 s (NTSC)

Output Signal	1Vpp composite video, 75 ohm
S/N Ratio	Greater than 48 dB
Gamma	0.45
Lens	Varifocal 3.3 to 12mm, DC auto-iris
Lens Control	Externally adjustable zoom, focus and auto-iris
LEDs	Even-distribution infrared array, photocell-controlled
Wavelength	850 nm
Number of LEDs	18
Electrical	
Voltage	12 to 24 VDC or VAC
Power Draw	4.8 W max (IR lamp on)
Power Supply	Not included
Mechanical	
Construction	Robust aluminum extrusion
Finish	Anodized silver
Sunshield	Included as standard
Bracket	360° pan / 90° tilt bracket included as standard
Weight	0.85 kg (1.9 lb)
Dimensions	Ø 76 x 210 (L) mm, (3.0 x 8.3 in)
Environmental	
Operational Temperature	-30 °C to +55 °C, (-22 °F to +131 °F)
Environmental	Designed to IP66

Ordering Information

Accessories

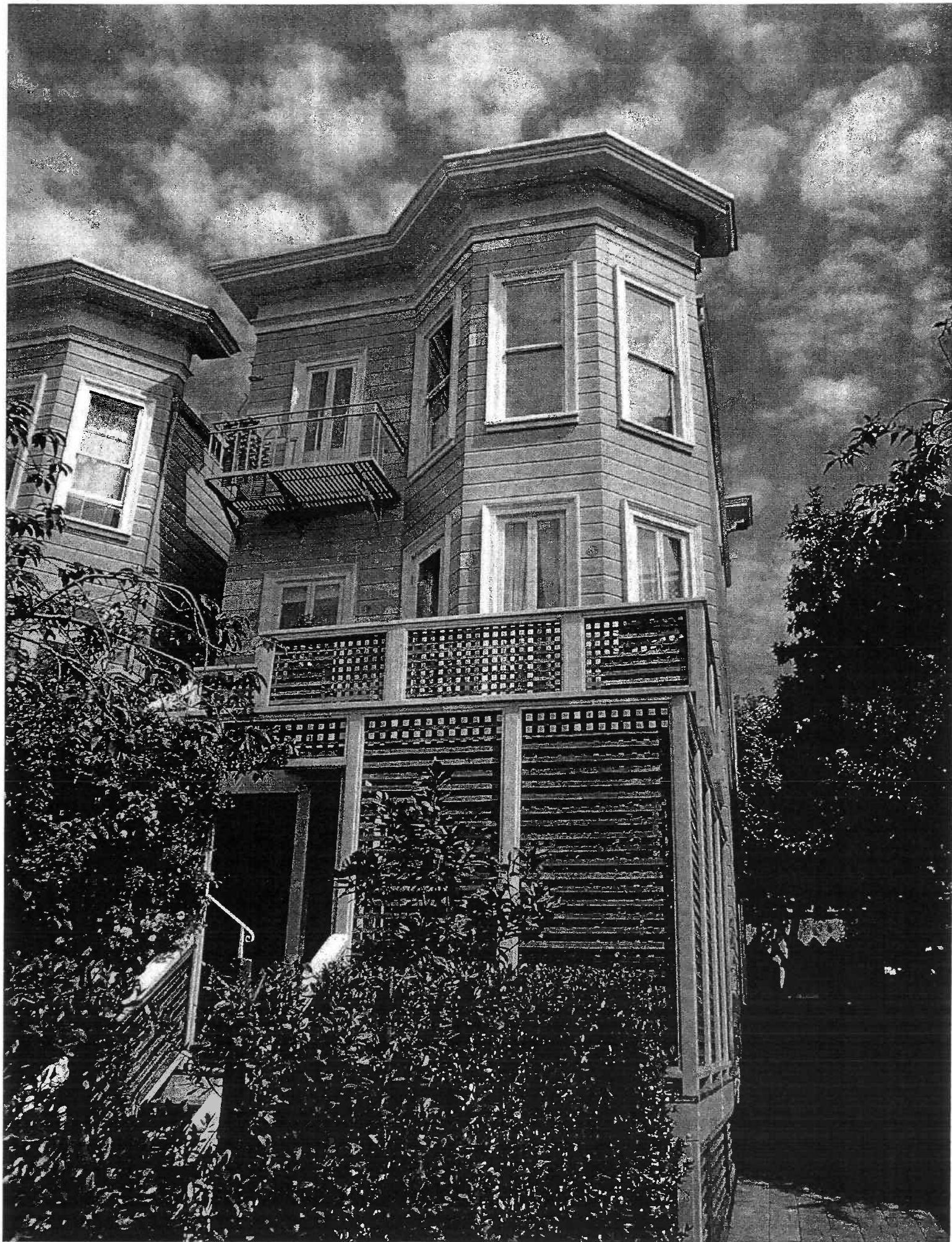
WZMB.001 Gang Box Adapter Plate Gang box adapter plate for WZ18 and WZ20	WZMB.001
UPA-2430-60 Power Supply 120VAC, 60Hz, 24VAC, 30VA Out	UPA-2430-60
UPA-2420-50 Power Supply 220VAC, 50Hz, 24VAC, 20VA Out	UPA-2420-50

Americas:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
38C Jalan Pemimpin
Singapore 577180
Phone: +65 6319 3453
Fax: +65 6319 3499
apr.securitysystems@bosch.com
www.boschsecurity.com

Represented by





ABBREVIATIONS		SYMBOL LEGEND		PROJECT DATA		SHEET INDEX	
<div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div><div>28</div><div>29</div><div>30</div><div>31</div><div>32</div><div>33</div><div>34</div><div>35</div><div>36</div><div>37</div><div>38</div><div>39</div><div>40</div><div>41</div><div>42</div><div>43</div><div>44</div><div>45</div><div>46</div><div>47</div><div>48</div><div>49</div><div>50</div><div>51</div><div>52</div><div>53</div><div>54</div><div>55</div><div>56</div><div>57</div><div>58</div><div>59</div><div>60</div><div>61</div><div>62</div><div>63</div><div>64</div><div>65</div><div>66</div><div>67</div><div>68</div><div>69</div><div>70</div><div>71</div><div>72</div><div>73</div><div>74</div><div>75</div><div>76</div><div>77</div><div>78</div><div>79</div><div>80</div><div>81</div><div>82</div><div>83</div><div>84</div><div>85</div><div>86</div><div>87</div><div>88</div><div>89</div><div>90</div><div>91</div><div>92</div><div>93</div><div>94</div><div>95</div><div>96</div><div>97</div><div>98</div><div>99</div><div>100</div><div>101</div><div>102</div><div>103</div><div>104</div><div>105</div><div>106</div><div>107</div><div>108</div><div>109</div><div>110</div><div>111</div><div>112</div><div>113</div><div>114</div><div>115</div><div>116</div><div>117</div><div>118</div><div>119</div><div>120</div><div>121</div><div>122</div><div>123</div><div>124</div><div>125</div><div>126</div><div>127</div><div>128</div><div>129</div><div>130</div><div>131</div><div>132</div><div>133</div><div>134</div><div>135</div><div>136</div><div>137</div><div>138</div><div>139</div><div>140</div><div>141</div><div>142</div><div>143</div><div>144</div><div>145</div><div>146</div><div>147</div><div>148</div><div>149</div><div>150</div><div>151</div><div>152</div><div>153</div><div>154</div><div>155</div><div>156</div><div>157</div><div>158</div><div>159</div><div>160</div><div>161</div><div>162</div><div>163</div><div>164</div><div>165</div><div>166</div><div>167</div><div>168</div><div>169</div><div>170</div><div>171</div><div>172</div><div>173</div><div>174</div><div>175</div><div>176</div><div>177</div><div>178</div><div>179</div><div>180</div><div>181</div><div>182</div><div>183</div><div>184</div><div>185</div><div>186</div><div>187</div><div>188</div><div>189</div><div>190</div><div>191</div><div>192</div><div>193</div><div>194</div><div>195</div><div>196</div><div>197</div><div>198</div><div>199</div><div>200</div><div>201</div><div>202</div><div>203</div><div>204</div><div>205</div><div>206</div><div>207</div><div>208</div><div>209</div><div>210</div><div>211</div><div>212</div><div>213</div><div>214</div><div>215</div><div>216</div><div>217</div><div>218</div><div>219</div><div>220</div><div>221</div><div>222</div><div>223</div><div>224</div><div>225</div><div>226</div><div>227</div><div>228</div><div>229</div><div>230</div><div>231</div><div>232</div><div>233</div><div>234</div><div>235</div><div>236</div><div>237</div><div>238</div><div>239</div><div>240</div><div>241</div><div>242</div><div>243</div><div>244</div><div>245</div><div>246</div><div>247</div><div>248</div><div>249</div><div>250</div><div>251</div><div>252</div><div>253</div><div>254</div><div>255</div><div>256</div><div>257</div><div>258</div><div>259</div><div>260</div><div>261</div><div>262</div><div>263</div><div>264</div><div>265</div><div>266</div><div>267</div><div>268</div><div>269</div><div>270</div><div>271</div><div>272</div><div>273</div><div>274</div><div>275</div><div>276</div><div>277</div><div>278</div><div>279</div><div>280</div><div>281</div><div>282</div><div>283</div><div>284</div><div>285</div><div>286</div><div>287</div><div>288</div><div>289</div><div>290</div><div>291</div><div>292</div><div>293</div><div>294</div><div>295</div><div>296</div><div>297</div><div>298</div><div>299</div><div>300</div><div>301</div><div>302</div><div>303</div><div>304</div><div>305</div><div>306</div><div>307</div><div>308</div><div>309</div><div>310</div><div>311</div><div>312</div><div>313</div><div>314</div><div>315</div><div>316</div><div>317</div><div>318</div><div>319</div><div>320</div><div>321</div><div>322</div><div>323</div><div>324</div><div>325</div><div>326</div><div>327</div><div>328</div><div>329</div><div>330</div><div>331</div><div>332</div><div>333</div><div>334</div><div>335</div><div>336</div><div>337</div><div>338</div><div>339</div><div>340</div><div>341</div><div>342</div><div>343</div><div>344</div><div>345</div><div>346</div><div>347</div><div>348</div><div>349</div><div>350</div><div>351</div><div>352</div><div>353</div><div>354</div><div>355</div><div>356</div><div>357</div><div>358</div><div>359</div><div>360</div><div>361</div><div>362</div><div>363</div><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GENERAL NOTES

REVISIONS:

BY:

SUTRO ARCHITECTS

414 JACKSON STREET #302
SAN FRANCISCO, CALIFORNIA 94111
415.956.3445

2113 BUSH STREET, SAN FRANCISCO, CA 94115
BLOCK 0677 LOT 032

Date: 02-11-2010

Scale: 1/8"=1'-0"

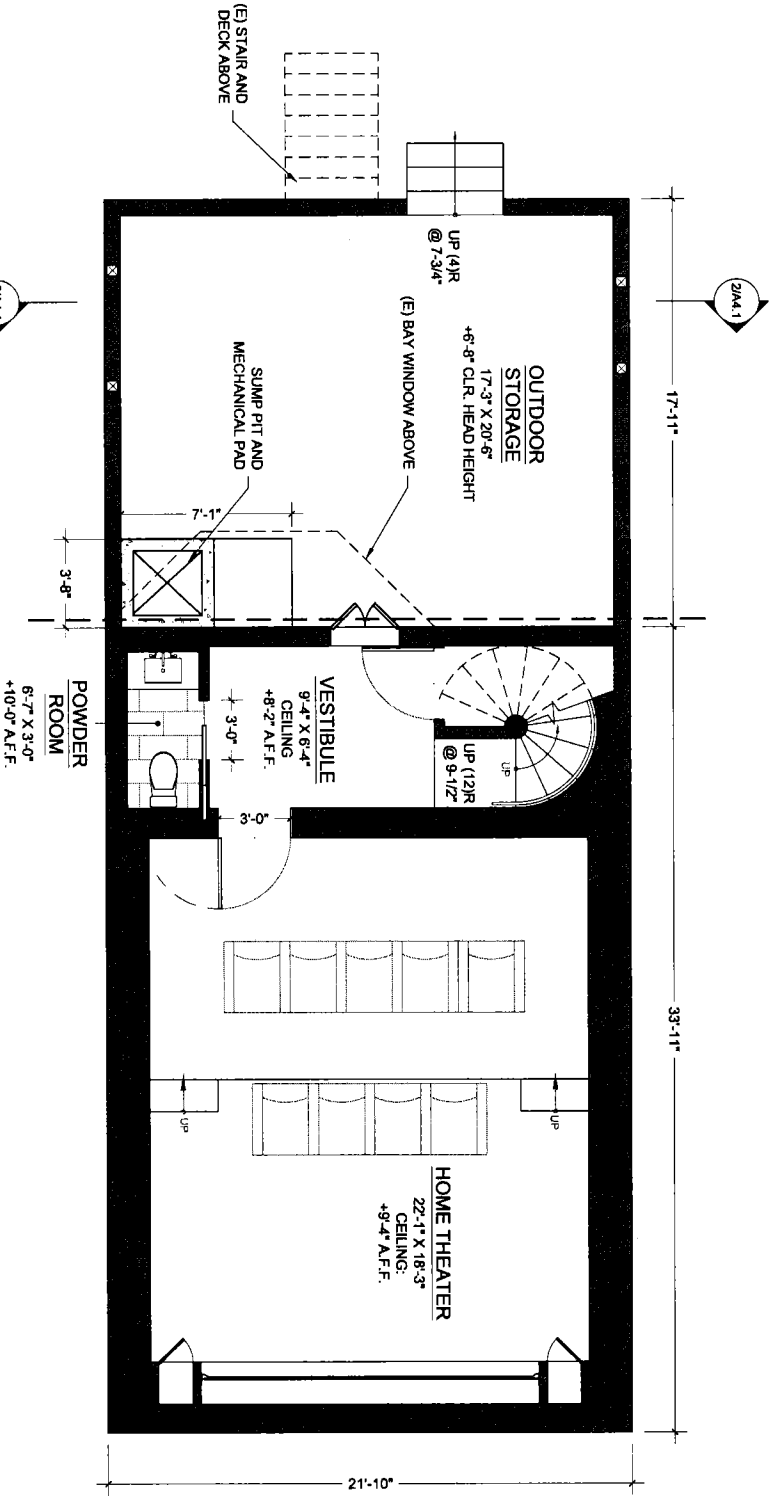
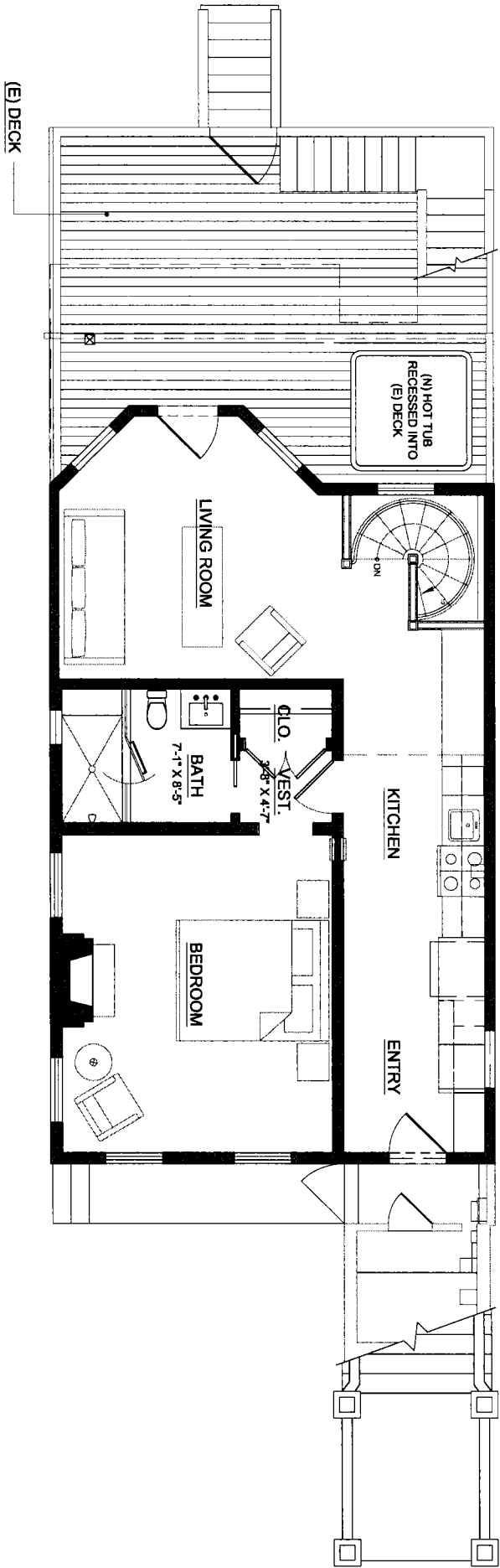
Drawn: ES

Job: 2006.016

Title:
PLOT PLAN

Sheet:

A1.0



GENERAL NOTES

REVISIONS:

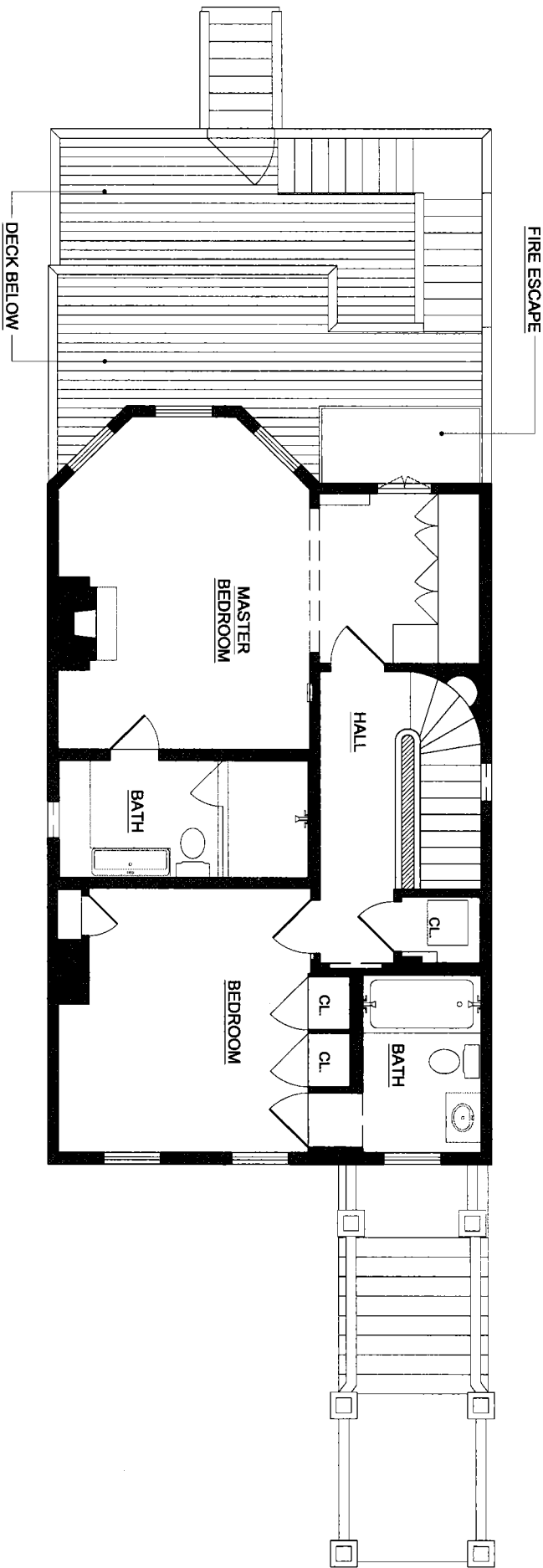
BY:

2113 BUSH STREET, SAN FRANCISCO, CA 94115
BLOCK 0677 LOT 032

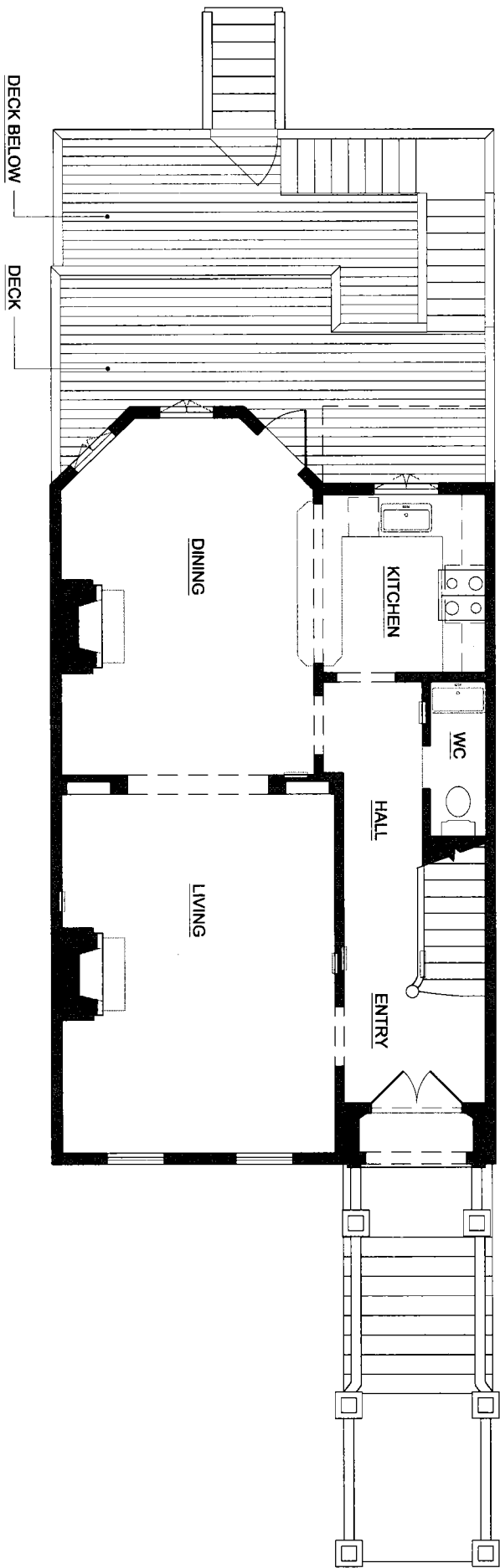
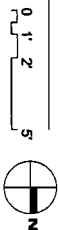
SUTRO ARCHITECTS
414 JACKSON STREET #302
SAN FRANCISCO, CALIFORNIA 94111
415.958.3445

Date: 02-11-2010
Scale: 1/4"=1'-0"
Drawn: ES
Job: 2008.016
Title: EXIST. & PROP. BSMNT. PLANS
2113 BUSH ST.

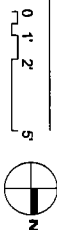
A2.1



1 THIRD FLOOR PLAN (2115 BUSH ST)



1 SECOND FLOOR PLAN (2115 BUSH ST)



GENERAL NOTES

1. NO CHANGES TO SCOPE

REVISIONS:

BY:

2113 BUSH STREET, SAN FRANCISCO, CA 94115
BLOCK 0677 LOT 032

SUTRO ARCHITECTS

414 JACKSON STREET #302
SAN FRANCISCO, CALIFORNIA 94111
415.956.3445

Date: 02-11-2010

Scale: 1/4"=1'-0"

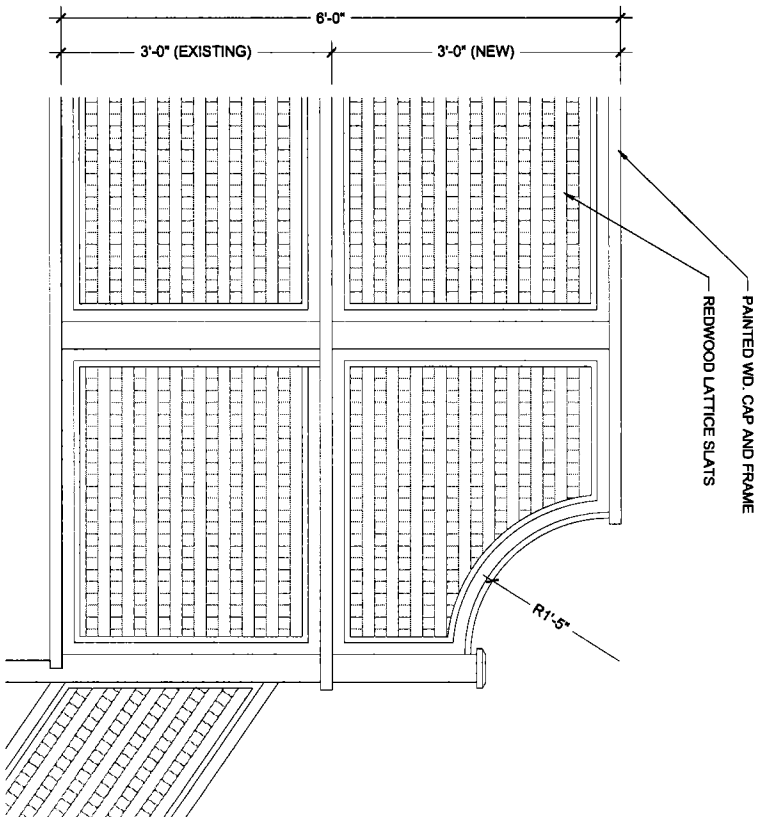
Drawn: ES

Job: 2006.016

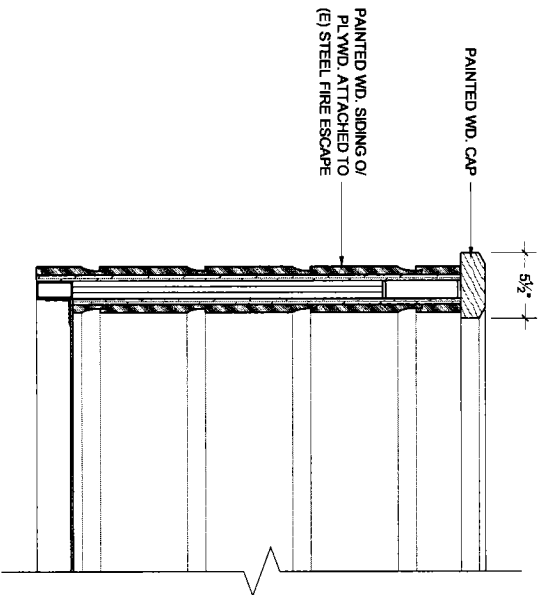
Title:
EXISTING
FLOOR PLANS

Sheet:

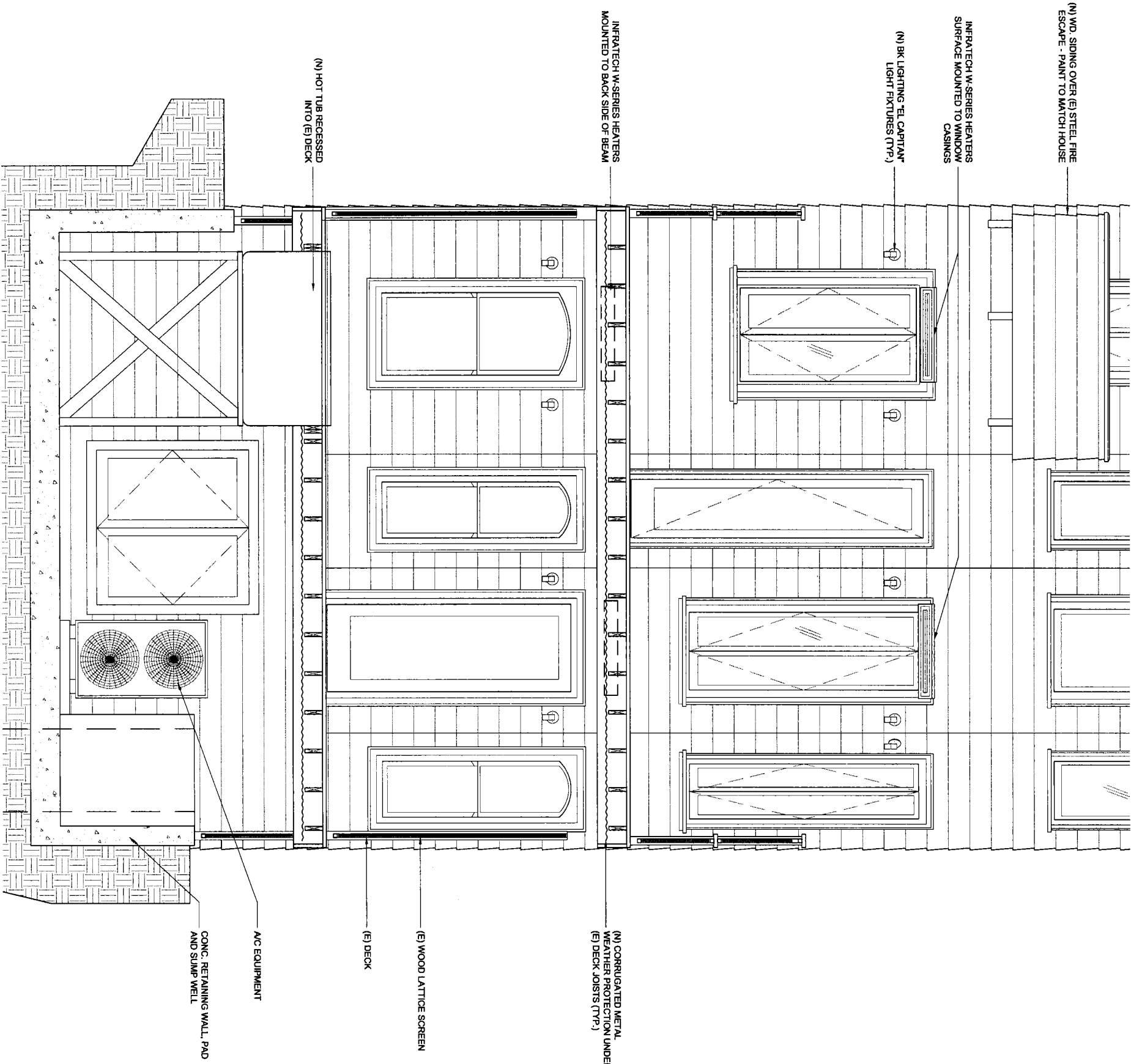
A2.2



3 LATTICE SCREEN DETAIL
1"=1'-0"



2 FIRE ESCAPE CLADDING DETAIL
1 1/2"=1'-0"



1 SECTION/SOUTH ELEVATION
1/2"=1'-0"

REVISIONS:		BY:

2113 BUSH STREET, SAN FRANCISCO, CA 94115
BLOCK 0677 LOT 032

SUTRO ARCHITECTS
414 JACKSON STREET #302
SAN FRANCISCO, CALIFORNIA 94111
415.958.3445

Date: 02-11-2010
Scale: AS NOTED
Drawn: ES
Job: 2008.016
Title: SECTION

Sheet:
A4.1