Certificate of Appropriateness Case Report Regular Calendar

HEARING DATE: NOVEMBER 17, 2010

Filing Date: February 23, 2010

Case No.: **2009.1101**

Project Address: 333 Baker Street

Historic Landmark: No. 192 - Southern Pacific Company Hospital Complex

Zoning: RM-1 (Residential, Mixed, Low Density)

80-E Height and Bulk District

Block/Lot: 1206/003 and 002 Applicant: Rick Hirsch

Representing T-Mobile West Corporation

2001 McAllister Street, #238 San Francisco, CA 94118

Staff Contact Aaron Starr - (415) 558-6362

aaron.starr@sfgov.org

Reviewed By Tim Frye – (415) 558-6822

Tim.frye@sfgov.org

PROPERTY DESCRIPTION

333 BAKER STREET, west side between Hayes and Fell Streets. Assessor's Block 1206, Lots 003 and 002. The 6-story, Beaux Arts hospital complex was built in 1906 by Daniel Patterson. The complex is comprised of 5 free-standing masonry buildings. It is located in a RM-1 (Residential, Mixed, Low Density) Zoning District and a 80-E Height and Bulk District.

PROJECT DESCRIPTION

The proposed project involves installing three (3) panel antennas on the walls of two existing rooftop penthouses, one (1) panel antenna on the roof within a false vent, four (4) RBS equipment cabinets and one (1) back-up battery unit within a new roof-top enclosure, and antenna coaxial cable transmission lines. The antennas will be hidden from view by a fiberglass reinforced panel screens.

OTHER ACTIONS REQUIRED

The proposed antennas and equipment require Conditional Use Authorization from the Planning Commission.

COMPLIANCE WITH THE PLANNING CODE PROVISIONS

Provided the project receives Conditional Use Authorization from the Planning Commission, the proposed project is in compliance with all other provisions of the Planning Code.

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Planning Information: 415.558.6377

APPLICABLE PRESERVATION STANDARDS

ARTICLE 10

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.

The proposed work shall be compatible with the historic structure in terms of design, materials, form, scale, and location. The proposed project will not detract from the site's architectural character as described in the designating ordinance. For all of the exterior and interior work proposed, reasonable efforts have been made to preserve, enhance or restore, and not to damage or destroy, the exterior architectural features of the subject property which contribute to its significance.

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.

The proposal will not change the use or the overall character of the existing building. The proposed antennas will be located on a stair penthouse, which is not a distinctive characteristic of the subject building and not visible from the primary elevations.

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.

The proposed antennas will be located on stair penthouses, which are not distinctive characteristics of the subject building and not visible from the primary elevations. The screening panels will be constructed out of reinforced fiberglass that will be finished and painted to look like stucco, a compatible material for the historic property at this location. The proposed screen will add some bulk to the existing stair penthouse; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.

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.

The proposed work is easily reversible.

PUBLIC/NEIGHBORHOOD INPUT

The Department has received no public input on the project at the date of this report.

ISSUES & OTHER CONSIDERATIONS

On December 1, 2009, the Project Sponsor applied for Conditional Use Authorization to install four (4) panel antennas on the subject building. On November 11, 2009 a representative for Verizon Wireless also applied for Conditional Use Authorization to install six (6) antennas on the subject building. Both proposals are being considered at the same Historic Preservation Commission hearing so that their cumulative impacts can be evaluated by the Historic Preservation Commission.

STAFF ANAYLSIS

Based on the requirements of Article 10 and the Secretary of Interior's Standards, staff determined that the proposed work will not adversely affect the subject landmark site and is conformance with the Secretary of the Interior's Standards for Rehabilitation.

Staff finds that the historic character of the property will be retained and preserved.

Staff finds that the proposed project would not impact any of the character defining features of the Landmark building and the proposal is reversible. The proposed antennas will be located on stair penthouses, which are not distinctive characteristics of the subject building and not visible from the primary elevations. One antenna would be located within a false vent, which will have a limited visual impact from the public right-of-way.

Staff finds that the propose antennas as well as the existing antennas already installed on the site will be screened from view by fiberglass reinforced panels finished and painted to look like stucco. The proposed screen will add some bulk to the existing stair penthouses; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.

Staff finds that the proposed equipment cabinets for T-Mobile will be located on the roof and screened from view by the addition of a new equipment enclosure on the roof. The proposed equipment enclosure is setback from the main façade, is minimally visible and will not adversely impact any character defining features on the subject building.

ENVIRONMENTAL REVIEW STATUS

The Planning Department has determined that the proposed project is exempt/excluded from environmental review, pursuant to CEQA Guideline Section 15303 (Class Three-Conversion of Small Structures) because the project proposes to convert the use of an existing structure and meets the Secretary of the Interior's Standards.

PLANNING DEPARTMENT RECOMMENDATION

Planning Department staff recommends APPROVAL of the proposed project as it appears to meet the Secretary of the Interior Standards for Rehabilitation.

ATTACHMENTS

Draft Motion Photographs/Photo Simulations Plans/Specifications

AS: G:|DOCUMENTS|CofA|333 Baker St|333 Baker.CoACaseReport.T-Mobile.doc

Historic Preservation Commission Draft Motion

HEARING DATE: NOVEMBER 17, 2010

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Case No.: **2009.1101A**

Project Address: 333 Baker Street

Historic Landmark: No. 192 - Southern Pacific Company Hospital Complex

Zoning: RM-1 (Residential, Mixed, Low Density)

80-E Height and Bulk District

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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 LOTS 002-003 IN ASSESSOR'S BLOCK 1206, WITHIN AN RM-1 (RESIDENTIAL, MIXED, LOW-DENSITY) ZONING DISTRICT AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

WHEREAS, on February 23, 2010, Rick Hirsch (Project Sponsor) representing T-Mobile West Corporation filed an application with the San Francisco Planning Department (hereinafter "Department") for a Certificate of Appropriateness to install four (4) panel antennas and associated equipment on the subject property located on lots 002-003 in Assessor's Block 1206. The work includes installing three (3) panel antennas on the walls of existing rooftop penthouses, one (1) panel antenna on the roof within a false vent, four (4) RBS equipment cabinets and one (1) back-up battery unit within a new roof-top enclosure, and antenna coaxial cable transmission lines. The antennas mounted on the stair penthouses will be screened from public view by a fiberglass reinforced panel.

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 November 17, 2010, the Commission conducted a duly noticed public hearing on the current project, Case No. 2009.1101A ("Project") for its appropriateness.

Motion No. XXXX Hearing Date: November 17, 2010

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 October 20, 2010 and labeled Exhibit A on file in the docket for Case No. 2009.1101A 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 landmark as described in the designation report dated February 8, 1989.

- The proposed project would not impact any of the character defining features of the Landmark building and the proposal is reversible.
- The historic character of the property will be retained and preserved. The proposed antennas will be located on stair penthouses, which are not a distinctive character of the subject building and not visible from the primary elevations. One antenna would be located within a false vent, which will have a limited visual impact from the public right-of-way.
- The propose antennas as well as the existing antennas already installed on the site will be screened from view by fiberglass reinforced panels finished and painted to look like stucco. The proposed screen will add some bulk to the existing stair penthouses; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.
- The proposed equipment cabinets for T-Mobile will be located on the roof and screened from view by the addition of a new equipment enclosure on the roof. The proposed equipment enclosure is setback from the main façade, is minimally visible and will not adversely impact any character defining features on the subject building.
- The proposed project meets the following Secretary of the Interior's Standards for Rehabilitation:

SAN FRANCISCO
PLANNING DEPARTMENT

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 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.

SAN FRANCISCO
PLANNING DEPARTMENT

Motion No. XXXX CASE NO 2009.1101A Hearing Date: November 17, 2010 333 Baker Street

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 333 Baker Street 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 for the installation of cellular antennas 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 will strengthen neighborhood character by respecting the character-defining features of the landmark in conformance with the Secretary of the Interior's Standards.
 - C) The City's supply of affordable housing will be preserved and enhanced:
 - The project will have no impact on the City's affordable housing supply.
 - 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.

CASE NO 2009.1101A 333 Baker Street

Motion No. XXXX Hearing Date: November 17, 2010

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 is designed and will be constructed to conform to the structural and seismic safety requirements of the City Building Code. This proposal will not impact the property's ability to withstand an earthquake.

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 a Certificate of Appropriateness** for the property located at Lots 002 and 003 in Assessor's Block 1206 for proposed work in conformance with the renderings and architectural sketches dated October 20, 2010 and labeled Exhibit A on file in the docket for Case No. 2009.1101A.

APPEAL AND EFFECTIVE DATE OF MOTION: The Commission's decision on a Certificate of Appropriateness shall be final unless appealed within thirty (30) days. Any appeal shall be made to the Board of Appeals, unless the proposed project requires Board of Supervisors approval or is appealed to the Board of Supervisors as a conditional use, in which case any appeal shall be made to the Board of Supervisors (see Charter Section 4.135).

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. The authorization and right vested by virtue of this action shall be deemed void and canceled if, within 3 years of the date of this Motion, a site permit or building permit for the Project has not been secured by Project Sponsor.

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 November 17, 2010.

Linda D. Avery Commission Secretary

AYES: X

NAYS: X

ABSENT: X

ADOPTED: November 17, 2010

Certificate of Appropriateness Case Report Regular Calendar

HEARING DATE: NOVEMBER 17, 2010

Reception: 415.558.6378

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1650 Mission St.

CA 94103-2479

Planning Information: 415.558.6377

Filing Date: February 23, 2010

Case No.: 2010.0133A

Project Address: 333 Baker Street

Historic Landmark: No. 192 – Southern Pacific Company Hospital Complex

Zoning: RM-1 (Residential, Mixed, Low Density)

80-E Height and Bulk District

Block/Lot: 1206/003

Applicant: Christopher Fowler

On Air LLC, Representing Verizon Wireless

14960 Karl Avenue

Monte Sereno, CA 95030

Staff Contact Aaron Starr - (415) 558-6362

aaron.starr@sfgov.org

Reviewed By Tim Frye – (415) 558-6822

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PROPERTY DESCRIPTION

333 BAKER STREET, west side between Hayes and Fell Streets. Assessor's Block 1206, Lots 003 and 002. The 6-story, Beaux Arts hospital complex was built in 1906 by Daniel Patterson. The complex is comprised of 5 free-standing masonry buildings. It is located in a RM-1 (Residential, Mixed, Low Density) Zoning District and a 80-E Height and Bulk District.

PROJECT DESCRIPTION

The proposed project involves installing equipment cabinets in the basement, a generator in the rear courtyard, and six (6) antennas on the roof penthouse. Coaxial cables will be run from the equipment in the basement to the antennas on the penthouse via an interior chase. The antennas will be the only visible equipment seen from the street and will be hidden by a fiberglass reinforced panel screen.

OTHER ACTIONS REQUIRED

The proposed antennas and equipment require Conditional Use Authorization from the Planning Commission.

COMPLIANCE WITH THE PLANNING CODE PROVISIONS

Provided the project receives Conditional Use Authorization from the Planning Commission, the proposed project is in compliance with all other provisions of the Planning Code.

APPLICABLE PRESERVATION STANDARDS

ARTICLE 10

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.

The proposed work shall be compatible with the historic structure in terms of design, materials, form, scale, and location. The proposed project will not detract from the site's architectural character as described in the designating ordinance. For all of the exterior and interior work proposed, reasonable efforts have been made to preserve, enhance or restore, and not to damage or destroy, the exterior architectural features of the subject property which contribute to its significance.

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.

The proposal will not change the use or the overall character of the existing building. The proposed antennas will be located on a stair penthouse, which is not a distinctive character of the subject building and not visible from the primary elevations.

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.

The proposed antennas will be located on a stair penthouse, which is not a distinctive characteristic of the subject building and not visible from the primary elevations. The screening panels will be constructed out of reinforced fiberglass that will be finished and painted to look like stucco, a compatible material for the historic property at this location. The proposed screen will add some bulk to the existing stair penthouse; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.

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.

The proposed work is easily reversible

PUBLIC/NEIGHBORHOOD INPUT

The Department has received no public input on the project at the date of this report.

ISSUES & OTHER CONSIDERATIONS

On November 11, 2009, he Project Sponsor applied for Conditional Use Authorization to install six (6) panel antennas on the penthouse of the existing building. On December 1, 2009 a representative for T-Mobile also applied for Conditional Use Authorization to install four (4) antennas on the subject building. Both proposals are being considered at the same Historic Preservation Commission hearing so that their cumulative impacts can be evaluated by the Historic Preservation Commission.

STAFF ANAYLSIS

Based on the requirements of Article 10 and the Secretary of Interior's Standards, staff determined that the proposed work will not adversely affect the subject landmark site.

Staff finds that the historic character of the property will be retained and preserved.

Staff finds that the proposed project would not impact any of the character defining features of the Landmark building and the proposal is reversible. The proposed antennas will be located on a stair penthouse, which is not a distinctive character of the subject building and not visible form the primary elevations.

Staff finds that the propose antennas as well as the existing antennas already installed on the site will be screened from view by fiberglass reinforced panels finished and painted to look like stucco. The proposed screen will add some bulk to the existing stair penthouse; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.

Staff finds that the other proposed equipment will not be visible from the exterior of the building and will not have an impact on any of the subject building's character defining features.

ENVIRONMENTAL REVIEW STATUS

The Planning Department has determined that the proposed project is exempt/excluded from environmental review, pursuant to CEQA Guideline Section 15303 (Class Three-Conversion of Small

Structures) because the project proposes to convert the use of an existing structure and meets the *Secretary of the Interior's Standards*.

PLANNING DEPARTMENT RECOMMENDATION

Planning Department staff recommends APPROVAL of the proposed project as it appears to meet the Secretary of the Interior Standards for Rehabilitation.

ATTACHMENTS

Draft Motion Photographs/Photo Simulations Plans/Specifications

AS: G:\DOCUMENTS\CofA\333 Baker St\333 Baker.CoAVerison.doc

Historic Preservation Commission Draft Motion

HEARING DATE: NOVEMBER 17, 2010

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Filing Date: March 2, 2010
Case No.: 2010.0133A

Project Address: 333 Baker Street

Historic Landmark: No. 192 - Southern Pacific Company Hospital Complex

Zoning: RM-1 (Residential, Mixed, Low Density)

80-E Height and Bulk District

Block/Lot: 1206/003 and 002 Applicant: Christopher Fowler

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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 LOTS 002-003 IN ASSESSOR'S BLOCK 1206, WITHIN AN RM-1 (RESIDENTIAL, MIXED, LOW-DENSITY) ZONING DISTRICT AND A 40-X HEIGHT AND BULK DISTRICT.

PREAMBLE

WHEREAS, on March 2, 2010, Christopher Fowler of On Air LLC (Project Sponsor) representing Verizon Wireless filed an application with the San Francisco Planning Department (hereinafter "Department") for a Certificate of Appropriateness to install six (6) cellular antennas and associated equipment on the subject property located on lots 002-003 in Assessor's Block 1206. The work includes installing equipment cabinets in the basement, a generator in the rear courtyard, and six (6) antennas on the roof penthouse. Coaxial cables will be run from the equipment in the basement to the antennas on the penthouse via an interior chase. The antennas will be the only visible equipment seen from the street and will be hidden by a fiberglass reinforced panel screen.

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 November 17, 2010, the Commission conducted a duly noticed public hearing on the current project, Case No. 2010.0133A ("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 October 20, 2010 and labeled Exhibit A on file in the docket for Case No. 2010.0133A 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 landmark as described in the designation report dated February 8, 1989.

- The proposed project would not impact any of the character defining features of the Landmark building and the proposal is reversible.
- The historic character of the property will be retained and preserved. The proposed antennas will be located on a stair penthouse, which is not a distinctive characteristic of the subject building and not visible from the primary elevations.
- The propose antennas as well as the existing antennas already installed on the site will be screened from view by fiberglass reinforced panels finished and painted to look like stucco. The proposed screen will add some bulk to the existing stair penthouse; however the increase in bulk is minimal and the screen will mitigate the cumulative impact of adding ten (10) additional antennas to the existing building and aid in cleaning up the clutter caused by the existing antennas already located on the penthouse.
- The proposed project meets the following Secretary of the Interior's Standards for Rehabilitation:

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 9.

New additions, exterior alterations, or related new construction will not destroy historic materials,

SAN FRANCISCO
PLANNING DEPARTMENT

Motion No. XXXX Hearing Date: November 17, 2010

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.

Motion No. XXXX CASE NO 2010.0133A Hearing Date: November 17, 2010 333 Baker Street

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 333 Baker Street 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 for the installation of cellular antennas 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 will strengthen neighborhood character by respecting the character-defining features of the landmark in conformance with the Secretary of the Interior's Standards.
 - C) The City's supply of affordable housing will be preserved and enhanced:
 - The project will have no impact on the City's affordable housing supply.
 - 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.

CASE NO 2010.0133A 333 Baker Street

Motion No. XXXX Hearing Date: November 17, 2010

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

The Project is designed and will be constructed to conform to the structural and seismic safety requirements of the City Building Code. This proposal will not impact the property's ability to withstand an earthquake.

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 a Certificate of Appropriateness** for the property located at Lots 002 and 003 in Assessor's Block 1206 for proposed work in conformance with the renderings and architectural sketches dated October 20, 2010 and labeled Exhibit A on file in the docket for Case No. 2010.0133A.

APPEAL AND EFFECTIVE DATE OF MOTION: The Commission's decision on a Certificate of Appropriateness shall be final unless appealed within thirty (30) days. Any appeal shall be made to the Board of Appeals, unless the proposed project requires Board of Supervisors approval or is appealed to the Board of Supervisors as a conditional use, in which case any appeal shall be made to the Board of Supervisors (see Charter Section 4.135).

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. The authorization and right vested by virtue of this action shall be deemed void and canceled if, within 3 years of the date of this Motion, a site permit or building permit for the Project has not been secured by Project Sponsor.

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 November 17, 2010.

Linda D. Avery Commission Secretary

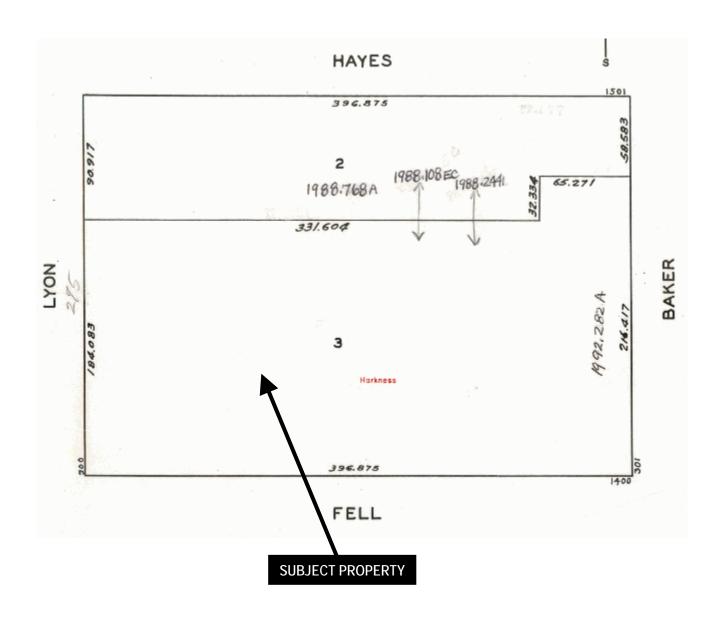
AYES: X

NAYS: X

ABSENT: X

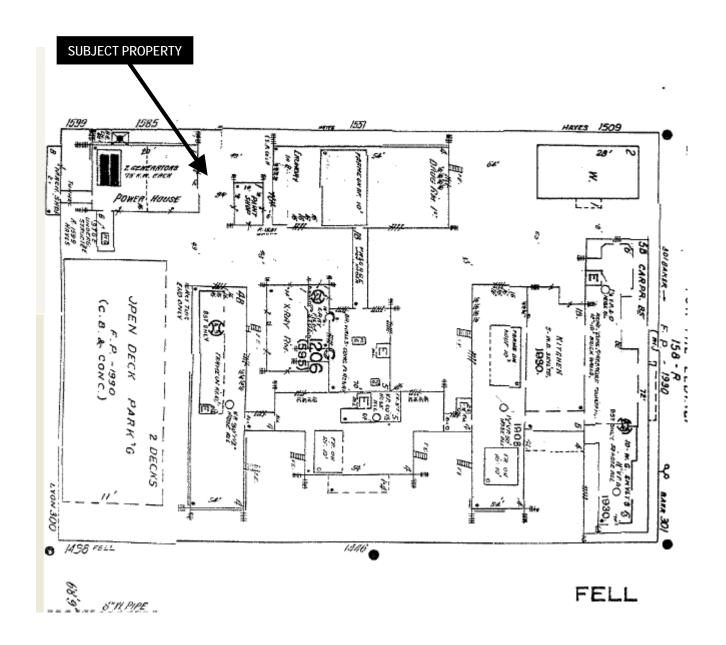
ADOPTED: November 17, 2010

Parcel Map





Sanborn Map*



^{*}The Sanborn Maps in San Francisco have not been updated since 1998, and this map may not accurately reflect existing conditions.



Aerial Photo

Area of proposed work



SUBJECT PROPERTY

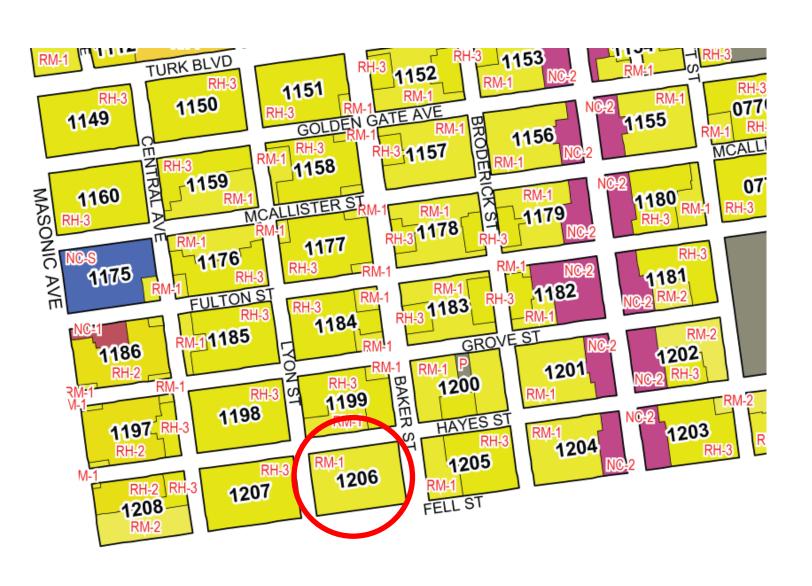


Certificates of Appropriateness

Case Numbers 2009.1101A and 2010.0133A

333 Baker Street

Zoning Map





Certificates of Appropriateness

Case Numbers 2009.1101A and 2010.0133A

333 Baker Street

l (Landmarks)

DESIGNATING THE SOUTHERN PACIFIC COMPANY HOSPITAL COMPLEX AT 1400 FELL AND 1509, 1555 and 1599 HAYES STREETS AS A LANDMARK PURSUANT TO ARTICLE 10 OF THE CITY PLANNING CODE.

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Be it ordained by the People of the City and County of San Francisco:

Section 1. The Board of Supervisors hereby finds that Southern Pacific Company Hospital Complex located at 1400 Fell and 1509, 1555 and 1599 Hayes Streets, Lots 2 and 3 in Assessor's Block 1206, has a special character and special historical, architectural and aesthetic interest and value, and that its designation as a landmark will further the purposes of, and conform to the standards set forth in Article 10 of the City Planning Code.

- (a) <u>Designation</u>: Pursuant to Section 1004 of the City Planning Code, Chapter II, Part II of the San Francisco Municipal Code, the Southern Pacific Company Hospital Complex is hereby designated as a Landmark, this designation having been fully approved by Resolution No. 11515 of the City Planning Commission, which Resolution is on file with the Clerk of the Board of Supervisors under File No.
- (b) Required Data: The description of the location and boundaries of the Landmark site, of the characteristics of the Landmark which justify its designation, and of the particular features that should be preserved as included in the said Resolution, and incorporated in this designating ordinance as though fully set forth.

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APPROVED AS TO FORM: LOUISE H. RENNE CITY ATTORNEY

By Ludit Q. Bayesian Deputy City Attorney

RECOMMENDED: CITY PLANNING COMMISSION

Dean L. Macris
Director of Planning

Board of Supervisors, San Francisco

Passed for Second Reading

January 30, 1989

Pinally Passed
Pebruary 6, 1989

Ayes: Supervisors Alioto Britt Gonzalez Hallinan Hongisto Kennedy Maher Nelder Walker Ward

Ayes: Supervisors Alioto Britt Gonzalez Hallinan Hongisto Hsieh Kennedy Maher Walker Ward

Absent: Supervisor Hsieh

§ Absent: Supervisor Nelder

I hereby certify that the foregoing ordinance was finally passed by the Board of Supervisors of the City and County of San Francisco.

File No. 90-88-3 E**9**3 8 1989

Date Approved

Mayor

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Case No. 88.244L Southern Pacific Company Hospital Complex 1400 Fell and 1509, 1555 and 1599 Hayes Streets

SAN FRANCISCO

CITY PLANNING COMMISSION

RESOLUTION NO. 11515

WHEREAS, A proposal to designate the Southern Pacific Company Hospital Complex at 1400 Fell and 1509, 1555 and 1599 Hayes Streets as a Landmark pursuant to the provisions of Article 10 of the City Planning Code was initiated by the Landmarks Preservation Advisory Board on July 6, 1988, and said Board, after due consideration, has recommended approval of this proposal; and

WHEREAS, The City Planning Commission, after due notice given, held a public hearing on November 10, 1988 to consider the proposed designation and the report of said Board; and

WHEREAS, The Commission believes that the proposed Landmark has a special character and special historical, architectural and aesthetic interest and value; and that the proposed designation would be in furtherance of and in conformance with the purposes and standards of the said Article 10;

THEREFORE BE IT RESOLVED, FIRST, The proposal to designate the aforementioned structures as the Southern Pacific Company Hospital Complex, at 1400 Fell and 1509, 1555 and 1599 Hayes Streets as a Landmark pursuant to Article 10 of the City Planning Code is hereby APPROVED, the precise location and boundaries of the Landmark site being those of Lots 2 and 3 in Assessor's Block 1206.

Second, That the special character and special historical, architectural and aesthetic interest and value of the said Landmarks Preservation Advisory Board Resolution 402 as adopted on July 6, 1988 which Resolution is incorporated herein and made a part thereof as though fully set forth;

Third, That the said Landmark should be preserved generally in all of its particular exterior features as existing on the date hereof and described and depicted in the photographs, case report and other material on file in the Department of City Planning Docket No. 88.244L.

AND BE IT FURTHER RESOLVED, That the Commission hereby directs its Secretary to transit the proposal for designation, with a copy of this Resolution, to the Board of Supervisors for appropriate action.

I certify that the foregoing Resolution was ADOPTED by THE City Planning Commission on November 10, 1988.

Lori Yamauchi Secretary

AYES: Commissioners Bierman, Dick, Engmann, Hu, Johnson and Morales

NOES: None

ABSENT: Commissioner Boldridge

ADOPTED: November 10, 1988

VFM:atm/403

LANDMARKS PRESERVATION ADVISORY BOARD APPROVED 7/6/88 FINAL CASE REPORT

BUILDING NAME: Southern Pacific

Company Hospital Complex

OWNER: Mercy Services Corporation

1400 Fell and BUILDING ADDRESS:

1509, 1555 and 1599

Hayes Streets

ORIGINAL USE: Medical Facility

NO. OF STORIES: 1-5 LPAB VOTE: 6-0

BLOCK & LOT: 1206/2-3 ZONING: RM-1

CURRENT USE: Portion Vacant;

Residential

EXTERIOR MATERIALS: Brick with stucco and concrete trim, the site

is enclosed by a wrought iron fence.

STATEMENT OF SIGNIFICANCE:

The Southern Pacific Company Hospital Complex is significant in architecture, history and environmental qualities as described in the Evaluation Criteria/Findings section of this case report. Constructed in 1908, this is the oldest, intact hospital complex in the city. Covering a full block, the complex is comprised of five free-standing buildings, (over)

EVALUATION CRITERIA/FINDINGS

ARCHITECTURE

Beaux Arts Classical (E) 1. Style:

(VG) 2.

Construction Type: Masonry Construction Date: 1908 (See No. 13 for record of additions.) (VG) 3.

Design Quality: All structures - Excellent (E) 4.

Architect: Daniel J. Patterson (b. 1857 Jefferson Co., New York) 5. prolific architect associated with Southern Pacific Company (over) (VG)

Interior Quality: Privately held property (N/A) 6.

HISTORY

Persons: See #9, Patterns of History. (VG) 7.

Events: Construction of this complex was part of Southern Pacific (VG) 8. Company's rebuilding program after the devastation of the 1906

earthquake and fire.

Patterns of History: Medicine: The Southern Pacific Company (then 9. (E) Central Pacific) provided employee hospital care as early as 1868. In 1869, the Company opened the nation's first hospital exclusively for rail employees in Sacramento, California relates to the surrounding residential neighborhood.

ENVIRONMENT

10. Continuity: The complex, though built for institutional use, (VG) relates to the surrounding residential neighborhood.

Setting: The design of the complex, with the main hospital building most southerly on the site overlooking the park and (E) 11.

administrative/support functions inside the lot, also (over) Importance as a Visual Landmark: The complex is a conspicuous ~(VG) 12. structure in the context of the neighborhood. For the (over)

INTEGRITY D.

Powerhouse: Intact; window openings boarded-over Paint Shop: Intact; windows boarded-over (E)

Annex: Lintels on third floor windows removed, new exterior stairs (over)

on east and west elevations with windows filled-in.

RATINGS

3 DCP:

HERE TODAY:

SPLENDID SURVIVORS: N/A

NATIONAL REGISTER: Probably eligible

(J. Malone 5/25/88)

NATIONAL LANDMARK:

STATE LANDMARK:

PREPARED BY: Jonathan Malone,

Vincent Marsh and

Jean Kortum

450 McAllister Street ADDRESS:

San Francisco, CA 94102

PHONE:

558-6345

DATE:

5/26/88, 6/10/88, 7/15/88 8/3/88, 11/2/88



STATEMENT OF SIGNIFICANCE: (Cont)

Hospital, Nurses' Annex, Huntington Social Hall, Powerhouse and Paintshop. All structures exhibit high quality; a stylistically-unified design. A decorative metal fence supported by brick piers which match the "Golden Gate Sandstone" brick of the buildings encloses the site. Three structures (c. 1907-1911) stretch across the rear of the site from Baker to Lyon Streets. The importance of the Powerhouse (1908), The Annex (c. 1907) and the Huntington Social Hall (c. 1911) as parts of Patterson's original scheme and as virtually unaltered structures give the site architectural and historic coherence. Even the enclosed foot-bridge connecting the hospital to the Annex is part of the scheme designed by Patterson in 1907. The four structures are all related architecturally, being of monumental, neo-classical style and scale, executed in brick with stucco and concrete trim.

The complex as a whole architecturally achieves a value greater than the sum of its parts. Historically, this significance is matched by the association of the complex with the Southern Pacific Railroad, a patent force in the development of California, the West, and the nation. Further, the significance of the complex is underscored in the unique opportunity it presents to visually experience early medical views as translated into hospital design. No other complex in San Francisco presents as complete a view of early hospitals.

EVALUATION CRITERIA/FINDINGS (Cont)

A. ARCHITECTURE (Cont)

- 5. Architect: (Cont)
 designed numerous public buildings in the Northwest before
 affiliating with Southern Pacific in 1899. With Southern Pacific,
 Patterson designed numerous railway depots and two other hospitals
 (El Paso & Houston, Texas). Healey and Tibbitts were the original
 construction company. Alfred I. Coffey and Martin Rist designed
 the Edward Harkness Wing (facing Baker), built in 1930.
- B. HISTORY (Cont)
 Patterns of History: Medicine (Cont.) The company opened a San
 Francisco hospital at 14th and Mission Streets in 1898 -- destroyed
 in the 1906 earthquake and fire. The subject complex opened for
 service in 1909.

The Southern Pacific Hospital Department was organized as a non-profit institution supported by dues of the employees. Before March 1920, the monthly rate was 50 cents per month. The rate increased in 1922 and 1927 to 75 cents, then \$1.00 monthly. Hofsomer writes that the company contributed a "small monthly supplement". Additional charitable contributions rounded out the budget to one of self-sufficiency for purposes of medical and nursing care, drugs and supplies. The medical plan, though modified and improved from time to time, remained in existence for 107 years.

The plan made great contributions to medical history as well as to the health and well-being of thousands of railroad workers over the years of its existence. It was the forerunner of a number of today's medical plans. These plans were first used by the railroads and later were successfully adopted by the Kaiser Industries as well as other group hospital and medical plans in the United States. The entire hospital department of Southern Pacific was reorganized in 1963, shifting to contract paid insurers. This facility on Fell Street closed in 1974.

Frank Kenley Ainsworth was born in Woodstock, Vermont, in 1856 and became chief surgeon of Southern Pacific Railroad Hospital in 1903. Dr. Ainsworth, following the earthquake and fire of April 1906, drew plans for the new hospital which would be built by Southern Pacific at Fell and Baker Streets adjacent to the panhandle of the 1,000 acre Golden Gate Park. In the 23 years

B. HISTORY (Cont)

Patterns of History: Transportation (Cont) the battle of Mussel Slough (1880) when SP evicted San Joaquin settlers from their farms, and Josiah Royce's novel, The Feud of Oakfield Creek (1887) dealing with the same affair. The decline of Southern Pacific's power began in 1910 when the reform Republican candidate Hiram Johnson was elected governor of California (1911-17) on the basis of his platform attacking the political power of Southern Pacific and his pledge to remove railway supporters from state office. By the turn of the century, the United States in general began to re-evaluate commonly accepted nineteenth-century beliefs that private property was supreme and entrepreneurs should be little if at all regulated. After the completion of the Central Pacific Railway, Collis P. Huntington, for whom the social hall is named, became the dominant member of the Big Four. He died in 1900.

Patterns of History: Labor. The significance of this hospital grouping does not rest with its architecture alone. The Southern Pacific Company Hospital closed in 1967 and the buildings continued to be used as the Harkness Hospital until 1974. The history of the buildings must be seen as part of the era in which they were conceived and initially constructed. "The last quarter of the nineteenth-century was a period when labor organized into trade unions, a time when work hours and working conditions were often unregulated, and a period when welfare was virtually non-existent. The Progressive Era, as the early twentienth-century is popularly termed, became one of Humanitarian reform, during which politicians and business leaders often took the lead in alleviating the severe social injustices that brute capitalism often encouraged. "(Norris) The construction of the Huntington Social Hall, for example, was the joint gift of Mrs. C. P. Huntington and her nephew, H. E. Huntington, as a memorial to Collis P. Huntington, who had been president of the railroad for many years. In addition, The Bulletin, a company newspaper, reported in 1914 that Mrs. E. H. Harriman "takes a great interest in the hospital. Only a short time ago she supplemented her donation of \$50,000 for laboratory research work with \$10,000 more. These community interests, tied to the corporate giant and notion of contemporary noblesse oblige were a part of the spirit that built the hospital. The fact that the Southern Pacific Company provided medical care for its employees is, therefore, central to understanding the importance of the hospital on the Panhandle." p.11.

Patterns of History: Architecture. Page Anderson and Turnbull, Inc., in a 1983 report, cite the Royal Infirmary of Edinburgh, Scotland, (c. 1738) and The Hospital of the University of Pennsylvania, Philadelphia, (c. 1750-1804) as precedents for Patterson's design. The three share a central-block-with-wings approach. Selection of Beaux Arts Classical, the style that was not simply a design trend but also a (perceived) force for social betterment, approximately reflects Southern Pacific's "progressive yet paternalistic" (Hofsomer) approach to employee benefits. Selection of the site reflects their current concern for hospital locations distant from urban noise and dust. Quality residential neighborhoods were choice sites, and adjacent Golden Gate Park further enhanced the location. Inclusion of sunrooms was a requirement based on medical views of the time that considered sun exposure a deterrent to microorganisms. The current sunroom location on the main hospital block was probably added as late as 1920 and marked by elaborate cast iron balconies.

C. ENVIRONMENT (Cont)

11. Setting: (Cont)
demonstrates prevailing views in hospital planning. The site
itself contains two large date palms in the northwesterly corner of
the site. The entire block is ringed by a sectional metal fence
supported by brick piers contemporary with the buildings.

12. Importance as a <u>Visual</u> Landmark: (Cont) generations of <u>Southern Pacific employees</u> and families regionally served by the complex; these structures reflect part of the regional imagery of the city.

Dr. Ainsworth was chief surgeon and manager, there were many improvements in the hospital and in medical services. The new hospital consisted of three main wings and was four stories in height. It had a capacity of 300 beds.

In 1926, when Dr. Ainsworth retired from active service, he was succeeded by Dr. Walter Bernard Coffey who was born in San Francisco on April 26, 1868. In 1889, Dr. Coffey graduated from the Cooper Medical College (which preceded Stanford University Medical School). He arrived at one of the several mountain peaks of his career when, in 1924, he was invited to Vienna to demonstrate his surgical technique in the performance of operations for the relief of angina pectoris. He was one of the originators and the first medical director of the Municipal Health System of San Francisco. He was founder and president of the St. Francis Hospital, San Francisco, and chief surgeon of the Market Street Railway Company. He served as chief surgeon and manager of the Southern Pacific Railroad Hospital.

During the time he was chief surgeon, the hospital in San Francisco was enlarged to 450 beds through the generous donation of Edward Stephen Harkness. Mr. Harkness (1874-1940) was born in Cleveland, Ohio, and educated at Yale University. He was a member of the Board Directors and Executive Committee of Southern Pacific Company. Edward Harkness contributed \$612,000 for a six-story addition on Baker Street which was added in 1930. He inherited a fortune from his father, a partner of Rockefeller. His extensive philanthropies, many of them anonymous, were extended especially to colleges, hospitals and museums. He served as president of the Commonwealth Fund, established in 1918 by his mother, Mrs. Stephen V. Harkness, "for the welfare of mankind". Headquarters are in New York City. Contributing in its first 20 years to the early development of child guidance clinics and the strengthening of rural hospital and health departments, the Fund later emphasized the broadening and integration of medical education, experimental health services and medical research.

9. Patterns of History: Transportation (Cont)
Charles Crocker, Mark Hopkins, Collis Potter Huntington and Leland
Stanford--Sacramento shopkeepers who became the so-called "Big
Four"--founded the Central Pacific Railroad Company, on June 28,
1861, along with engineer Theodore Judah, who first proposed and
then laid out the west coast railway link, and who first secured
Congressional financing (the Pacific Railway Act of 1862). Judah
died in 1863. The transcontinental railway (with Union Pacific
from the east) was completed on May 10, 1869. Although
construction was difficult and hazardous, generous Congressional
land grants and subsidies to Central Pacific (subsidies per mile
ranged from \$16,000 to \$48,000 as well as state and some local
funding, plus the fact that actual construction was by Central
Pacific's Contract and Finance Co., added up to immense profits to
the Big Four. The completion of the railway, however, did not
bring the immediate economic benefits expected by the west in the
form of a great new flow of immigrants, but brought rather a flood
of cheap goods from the east and economic recession in California.

In 1868, Central Pacific and the "Big Four" gained control of the Southern Pacific Railroad, founded in 1865, to build a railway from San Francisco to San Diego (Central Pacific was absorbed by Southern Pacific in 1884). Southern Pacific extended its railway system to Arizona, New Mexico, New Orleans, Portland and built more lines to Southern California. Southern Pacific was condemned not only for its railway monopoly but for its attempts to control ocean, bay, and river navigation, local transit systems, its policy of rate charges, and its role in state and federal government and politics. Reaction against Southern Pacific was fanned by press coverage (one cartoon depicted the railway as a great octopus, ensnaring citizen, politician, judge and farmer alike); by such works as Frank Norris' Octopus (1901), a fictionalized account of

INTEGRITY (Cont) D.

Annex: (Cont) Huntington Social Hall: Intact; first floor windows boarded-over, second floor sash intact; brickwork deteriorated in some areas of the west and south elevations. Main Hospital Building: The West Wing was constructed in 1910 and the Edward Harkness Wing was added in 1930; it fronts on Baker Street. It is compatible with the original hospital, although it breaks the original symmetrical composition of the Fell Street elevation. It should be noted that the entire Main Building was sandblasted and rehabilitated in 1983 for senior housing.

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Starr, Harris E., Editor, Dictionary of American Biography, Volume XI, Part 2, New York, Charles Scribner's Sons: 1944

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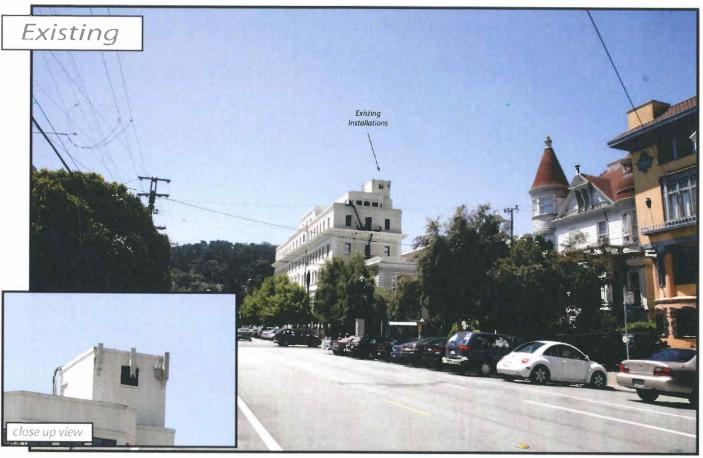
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AdvanceSin Contact (#25) 292 8507

T··Mobile·



SF23233 Mercy terrace 333 Baker Street, San Francisco, CA





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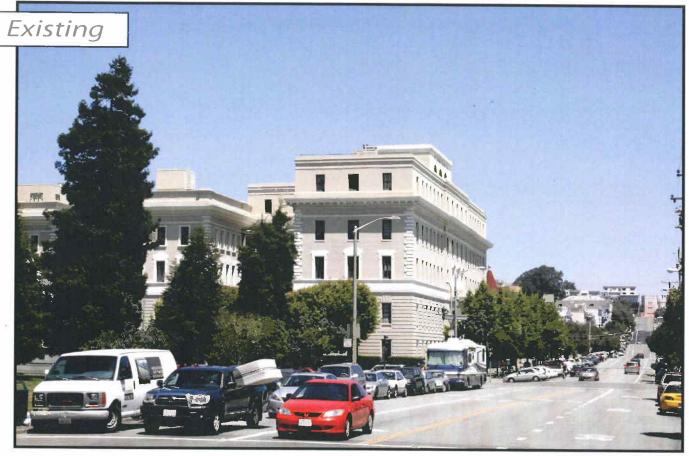
verizon

SF23233 Mercy terrace

333 Baker Street, San Francisco, CA

Advance Sime

Contact | 5/5 | 202 | 507





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verizon

SF23233 Mercy terrace

333 Baker Street, San Francisco, CA

Advance Sime

T-MOBILE WEST CORPORATION

a DELAWARE CORPORATION

1855 GATEWAY BLVD., 9TH FLOOR, CONCORD, CA 94520

SF23233B **MERCY TERRACE**

333 BAKER ST., SAN FRANCISCO, CA 94117 CITY & COUNTY OF SAN FRANCISCO

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

CALIFORNIA CODE OF REGULATIONS
 CALIFORNIA BUILDING CODE
 CALIFORNIA MECHANICAL CODE
 CALIFORNIA PLUMBING CODE

USA North

UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

- 4. 2007 CALIFORNIA ELECTRIC CODE
 5. 2007 CALIFORNIA ELECTRIC CODE
 6. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE

ADA REQUIREMENTS:

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA ADMINISTRATIVE STATE CODE PART 2, TITLE 24, CHAPTER 11B, SECTION 1103B.

PROJECT DESCRIPTION

THE PROJECT INVOLVES THE INSTALLATION OF:

- 1. (N) T-MOBILE (4) ANTENNAS
 - (1) PANEL ANTENNA MOUNTED ON (E) ROOF
 - (2) PANEL ANTENNAS MOUNTED ON (E) PENTHOUSE
 (1) PANEL ANTENNA CONCEALED WITHIN (N) FRP FAUX "T" VENT
 - (1) DUAL GPS ANTENNA

2. FOUR (4) T-MOBILE EQUIPMENT CABINETS WILL BE MOUNTED ON (N) $29'-8 \times 7'-1"$ STEEL PLATFORM ON (E) ROOF

DRIVING DIRECTIONS

FROM T-MOBILE OFFICE: CONCORD, CA

START OUT GOING SOUTHEAST ON GATEWAY BLVD.-0.0 MI. TURN SLIGHT RIGHT ONTO CLAYTON RD.-0.3 MI. MERGE ONTO CA-242 S.-1.0 MI.

4. MERGE ONTO 1-680 S VIA THE EXIT ON THE LEFT TOWARD OAKLAND/SAN

S. MERGE ONTO CA-24 W TOWARD OAKLAND/LAFAYETTE.-13.6 MI.
MERGE ONTO I-580 W TOWARD SAN FRANCISCO.-1.5 MI.
MERGE ONTO I-80 W VIA THE EXIT ON THE LEFT TOWARD SAN FRANCISCO.-8.2 MI

8. MERGE ONTO US-101 N/CENTRAL FWY TOWARD GOLDEN GATE BRIDGE.-1.1 MI.

- BNIDGE-T-1 M/CENTRAL FWY BECOMES OCTAVIA BLVD.-0.3 MI.
 10. TURN LEFT ONTO FELL ST.-0.9 MI.
 11. TURN RIGHT ONTO BAKER ST.-0.0 MI.
 12. END AT 333 BAKER ST. SAN FRANCSICO, CA 94117-2147

DO NOT SCALE DRAWING:

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE

GENERAL CONTRACTOR NOTES

	SHEET INDEX
SHEET	DESCRIPTION
T-1	TITLE SHEET
T-2	ANTENNA SPECIFICATIONS
T-3	EMF REPORT
A-1	OVERALL SITE / ROOF PLAN
A-2	ENLARGED PROJECT AREA/ ANTENNA PLAN
A-3	ENLARGED EQUIPMENT / ANTENNA PLAN
A-4	ELEVATIONS

APPROVALS			
,			
LANDLORD:			
CONSTRUCTION MANAGER:			
RF ENGINEER:			
SITE ACQUISITION MANAGER:			
ZONING MANAGER:			
UTILITY COORDINATOR:			
NETWORK OPERATIONS MANAGER:			
PROGRAM REGIONAL MANAGER:			

PROJECT TEAM

ARCHITECT / ENGINEER:

MICHAEL WILK ARCHITECTURE 833 MARKET STREET, SUITE 805 SAN FRANCISCO, CA 94103 CONTACT: STELLA HE PHONE: (415) 839-9594 FAX: (415) 904-8388 EMAIL: she@wilkarch.com

APPLICANT/LESSEE:

T-MOBILE 1855 GATEWAY BLVD., 9TH FL CONCORD, CA 94520 CONTACT: BRAD CHAPMAN PHONE: (925) 260-9275

SITE ACQUISITION:

PERMIT ME 3850 23RD STREET SAN FRANCISCO, CA 94114 CONTACT: JULIE HO
PHONE: (415) 706-4191
EMAIL: juliecl_ho@yahoo.com

RF ENGINEER:

CONCORD, CA 94520 CONTACT: TAI NGUYEN PHONE: (510) 396-9160 EMAIL: tai.nguyen115@t-mobile.com

ZONING MANAGER:

PERMIT ME 3850 23RD STREET SAN FRANCISCO, CA 94114 CONTACT: RICK HIRSCH PHONE: (415) 377-7826 EMAIL: rickaicp@gmail.com

CONSTRUCTION MANAGER:

T-MOBILE 1855 GATEWAY BLVD., 9TH FL CONCORD, CA 94520 CONTACT: TIMOTHY FEHR PHONE: (925) 339-4965 EMAIL: timothy.fehr1@t-mobile.com

PROJECT INFORMATION

SITE ADDRESS: 333 BAKER ST. SAN FRANCISCO, CA 94117 APN: 1206-003 LANDLORD: 1360 MISSION ST., SUITE 300 SAN FRANCISCO, CA 94103 LATITUDE: 37' 46' 26.45"N LONGITUDE: 122° 26' 27.74"W ZONING: NC-2 HEIGHT & BULK DISTRICT: 40-> TYPE OF CONSTRUCTION:

CITY OF SAN FRANCISCO

POWER ORDER

R-2

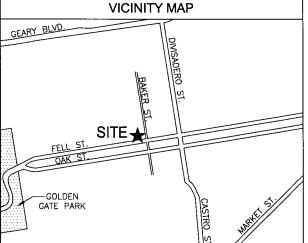
AT&T

OCCUPANCY

JURISDICTION:

TELEPHONE:

POWER APPLICATION DATE: POWER APPLICATION NUMBER:



SAN **FRANCISCO**

a DELAWARE CORPORATION, a DELAWARE CORPORATION 1855 GATEWAY BLVD., 9TH FLOOR CONCORD, CA 94520

PROJECT INFORMATION:=

SF23233

MERCY TERRACE 333 BAKER ST.

SAN FRANCISCO, CA 94117 =CURRENT ISSUE DATE:=

10/06/10

LISSUED FOR:

100% ZONING DRAWINGS

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PROJECT ARCHITECT/ENGINEER:

MICHAEL WILK M ARCHITECTURE W

833 Market Street, #805 San Francisco, CA 94103

T: 415-839-9594 F: 415-904-8388 www.wilkarch.com

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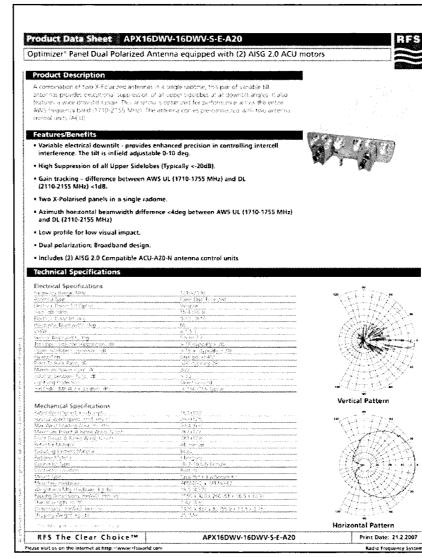
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SHEET TITLE:

TITLE SHEET

SHEET NUMBER:



ANTENNA SPECIFICATIONS

ANTENNA	ANTENNA						CABLE			ANTENNA
SECTOR	AZIMUTH	MAKE/MODEL	QTY.	TMA	ELECTRICAL DOWNTILT	MECHANICAL DOWNTILT	LENGTH	SIZE	QTY.	RAD CENTER
A	60°	APX16DWV-16DWV-S-E-A20	2	2	5"	0*	77'-8*±	7/8"Ø AVA	8	86°-3"± A.G.L.
В	180*	APX16DWV-16DWV-S-E-A20	1	1	3"	œ	65'-6"±	7/8"Ø AVA	4	73'-5*± A.G.L.
С	300	APX16DWV-16DWV-S-E-A20	1	1	3.	o.	19'-10"±	7/8 * Ø AVA	4	86'-3"± A.G.L.
GPS	N/A	HUBER & SUHNER	1	N/A	N/A	N/A	5'-0"±	1/2"0 AVA	N/A	N/A

 ${\color{red} {\rm NOTE:}}$ The information provided above must be verified by the contractor prior to ordering any equipment.

NOT USED 3 | ANTENNA CONFIGURATION CHART

T - Mobile -

T-MOBILE WEST CORPORATION, a DELAWARE CORPORATION 1855 GATEWAY BLVD., 9TH FLOOR CONCORD, CA 94520

PROJECT INFORMATION:

SF23233 **MERCY TERRACE**

333 BAKER ST. SAN FRANCISCO, CA 94117

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PROJECT ARCHITECT/ENGINEER: ==

MICHAEL WILK M ARCHITECTURE W

833 Market Street, #805 San Francisco, CA 94103 T: 415-839-9594 F: 415-904-8388 www.wllkarch.com

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SHEET TITLE:

ANTENNA SPECIFICATIONS

SHEET NUMBER:

T-Mobile West Corp. • Proposed Base Station (Site No. SF23233) 333 Baker Street · San Francisco, California

1Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edson, Inc., Consulting Engineers, has been retained by T-Mobile West Corp., a personal wireless telecommunications carrier, to evaluate the base station (Site No. SP23233) proposed to be located at 333 Baker Street in San Francisco, California, for compliance with appropriate guidelines limiting luman exposure to radio frequency (* RF*) electromagnetic fields.

Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of proposed WTS facilities or proposed modifications to such facilities with prevailing safety standards. The acceptable limits set by the FCC for exposures of unfimited duration are

Wireless Service	Preguency Band	Occupational Limit	Public Limit
Microwave (Point-to-Point)	5-80,000 MHz	5 00 mW/cm ²	1.00 mW/em2
BRS (Broadband Radio)	2,600	5.00	1 00
AWS (Advanced Wireless)	2,100	5 00	1 00
FCS (Personal Communication)	1,950	5.00	100
Callular	870	2 90	0.58
SMR (Specialized Mebile Radio)	855	2.85	0.57
700 MHz	700	2.35	0.47
[most restrictive frequency range]	30-300	1 00	0.20

The site was visited by Mr. David Kelly, a qualified field technician contracted by Hammett & Edson. incl, thring normal business hours on February 9, 2010, a non-holiday weekday, and reference has been make to information provided by T-Mobile, including zoning drawings by Michael Wilk Architecture, dated September 21, 2010

Checklis

1 The location of all existing antennas and facilities at site. Existing RF levels.

ATACT had installed nine directional panel automas in groups of three on the face of the roof parapet and on two faces of rooflop penthonses above the multi-story senior residential center located at 333 Baker Street. Existing RF levels at ground level near the site were less than 1% of the most restrictive public exposure limit.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from

No other WTS facilities are reported to be approved for this site but not installed, although it is noted that Verizon Wireless has applied to install a similar facility at this site and ATAT has applied to make modifications to its antennas and facilities

HAMMETT & EDISON, INC.

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T-Mobile West Corp. • Proposed Base Station (Site No. SF23233) 333 Baker Street • San Francisco, California

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR emissions at proposed site

There were no other WTS facilities observed within 100 feet of the site

4. Location (and number) of Applicant's antennas and back-up facilities per building and location

T-Mobile proposes to install four RFS Model APXIoDWV-I6DWV-S-E-A20 directional panel antennas above the roof of the six-story senior residential center located at 333 Paker Street in San Francisco. One pair of antennas would be mounted with 5° downlift on the side of an elevator parthouse at an effective height of about 86 ft feet above ground, oriented toward 60°T. The other automus would be mounted with 3° downtilt on the penthouse mof at an effective height of 86 feet above ground, oriented toward 300°T, and on the main roof at an effective height of 13 feet above ground, oriented toward 180°T.

5. Power rating imaximum and expected operating power, for all existing an proposed hackup

The expected operating power of the T-Mobile and the other carriers' transmitters is reflected in the resulting effective radiated power given in Item 6 below; the transmitters may operate at a power

6. Total manber of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power proposed by T-Mobile in any direction is 2,425 watts, representing simultaneous operation at 1,285 watts for AWS and 1,140 waits for PCS. AT&T has most recently proposed to operate at 4,376 waits maximum effective radiated power, representing simultaneous operation at 3.940 watts for PCS and 1.350 watts for cellfular, and Verizon has proposed to operate at 2,560 watts, representing simultaneous operation at 960 watts for PCS, 1,260 watts for cellular, and 400 watts for 700 MHz

2. Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height ove roof level. Discuss nearby inhabited buildings

The drawings show the proposed antennas to be installed as described in Item 4 above. There were observed no buildings of similar height nearby

8. Estimated ambiera RF texels for proposed site and identify three-dimensional perimeter where

For a person anywhere at ground, the maximum ambient RF exposure level due to the proposed T-Mobile operation is calculated to be 0.0013 mW/cm2, which is 0.13% of the applicable public exposure limit. Ambient RF levels at the site, including operation of the proposed Venzon and AT&T facilities, are therefore estimated to remain below 1% of the limit. The maximum calculated

HAMMETT & EDISON, INC.

T-Mobile West Corp. • Proposed Base Station (Site No. SF23233) 333 Baker Street • San Francisco, California

level at the top floor of the subject building for the proposed T-Mobile operation by itself is 0.093% of the public limit, the maximum calculated level at any nearby building for the proposed T-Mobile operation by itself is 0.51% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend up to 12 feet out from the T-Mobile antenna faces. Areas on the upper roof of the subject building in from of the north-facing Vedzon antennas and eastfacing T-Mobile antenna may exceed the public limit, and areas on the main roof in front of the south facing T-Mobile antenna may exceed the public limit.

9. Describe proposed signage at site.

It is recommended that a harricade be installed to preclude public access to the area in front of the south-facing T-Mobile antenna. To prevent occupational exposures in excess of the FCC guidelines. no access within 3 feet directly in front of the antennas themselves, such as might occur during maintenance work on the building, should be allowed while the base station is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking an "exclusion area" on the roof in front of the antenna to be installed on the main roof and posting explanatory warning signs, at the roof access doors, on the roof access ladder, and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for the other carriers at the site; applicable keep-back distances for those earliers have not been determined as part of this study.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registration Nov. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Warning signs should camply with OET-65 color, symbol, and central recommendations. Contact information should be provided tog, a (dephase manifer) to accurage for access to restricted areas. The selection of languages is shown an engineering matter, the San Transcoke Operations of Patiol Heidit recommends that all signs be written in Paghsh. Spanish, and Chinese.

HAMMETT & EDISON, INC.

T-Mobile West Corp. • Proposed Base Station (Site No. SF23233) 333 Baker Street - San Francisco, California

Conclusion

Based on the information and analysis above, it is the my professional opinion that the operation of the base station proposed by T-Mobile West Corp. at 333 Baker Street in San Francisco, California, can comply with the prevailing standards for limiting human exposure to radio frequency energy and. therefore, need not for this reason cause a significant impact on the environment. The lighest calculated level in publicly accessible areas is much less than the prevailing standards allow for exposures of unlimited duration. This finding is consistent with measurements of actual exposure conditions taken at other operating base stations. Posting of explanatory signs is recommended to establish compliance with occupational exposure limitations

HAMMETT & EDISON, INC.

September 27, 2010

TM25253B599

1855 GATEWAY BLVD., 9TH FLOOR CONCORD, CA 94520

SF23233

MERCY TERRACE

333 BAKER ST. SAN FRANCISCO, CA 94117

CURRENT ISSUE DATE:

PROJECT INFORMATION:

10/06/10

ISSUED FOR:

100% ZONING DRAWINGS

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PROJECT ARCHITECT/ENGINEER: =



833 Market Street, #805 San Francisco, CA 94103 T: 415-839-9594

F: 415-904-8388 www.wilkarch.com

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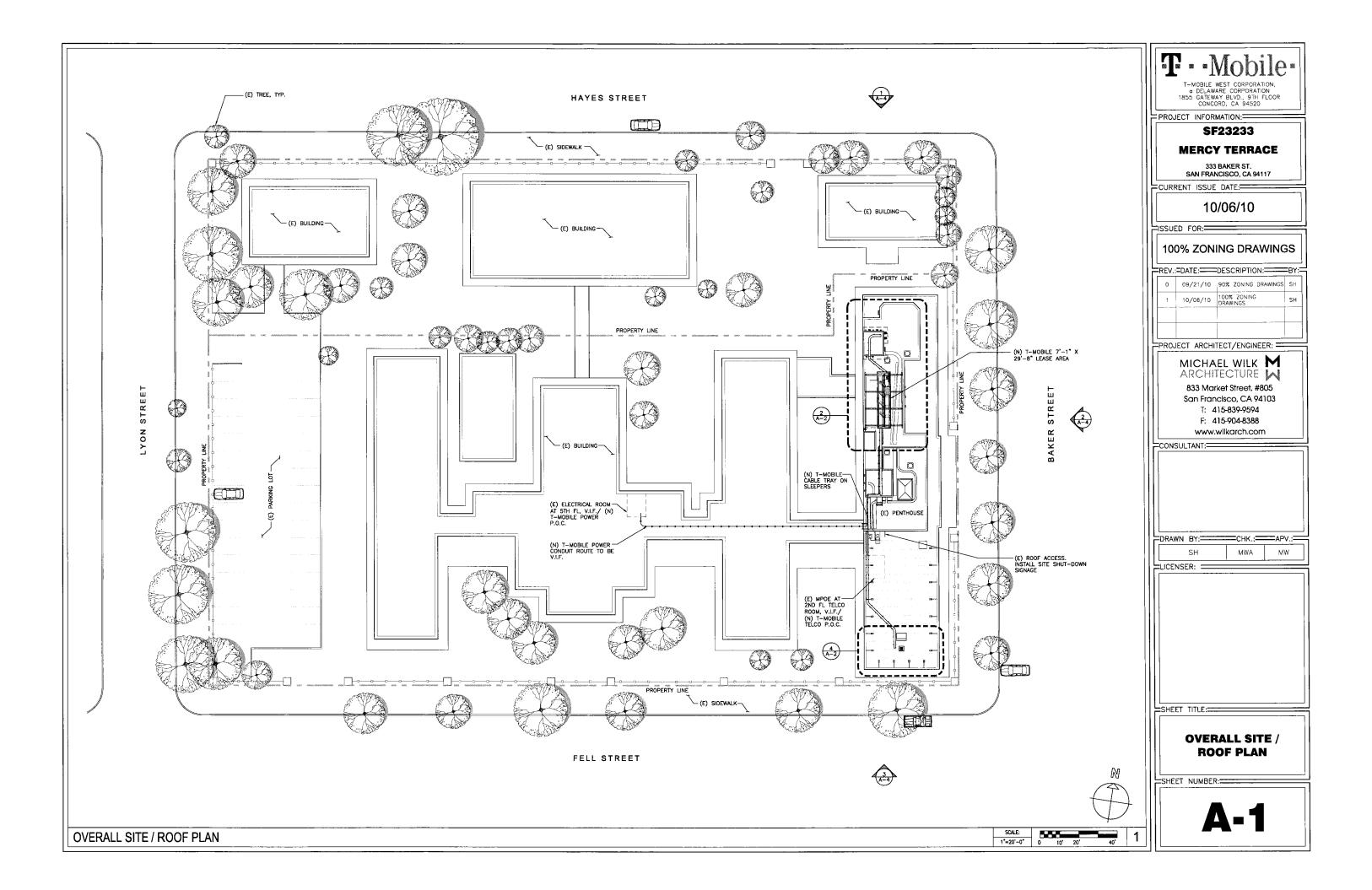
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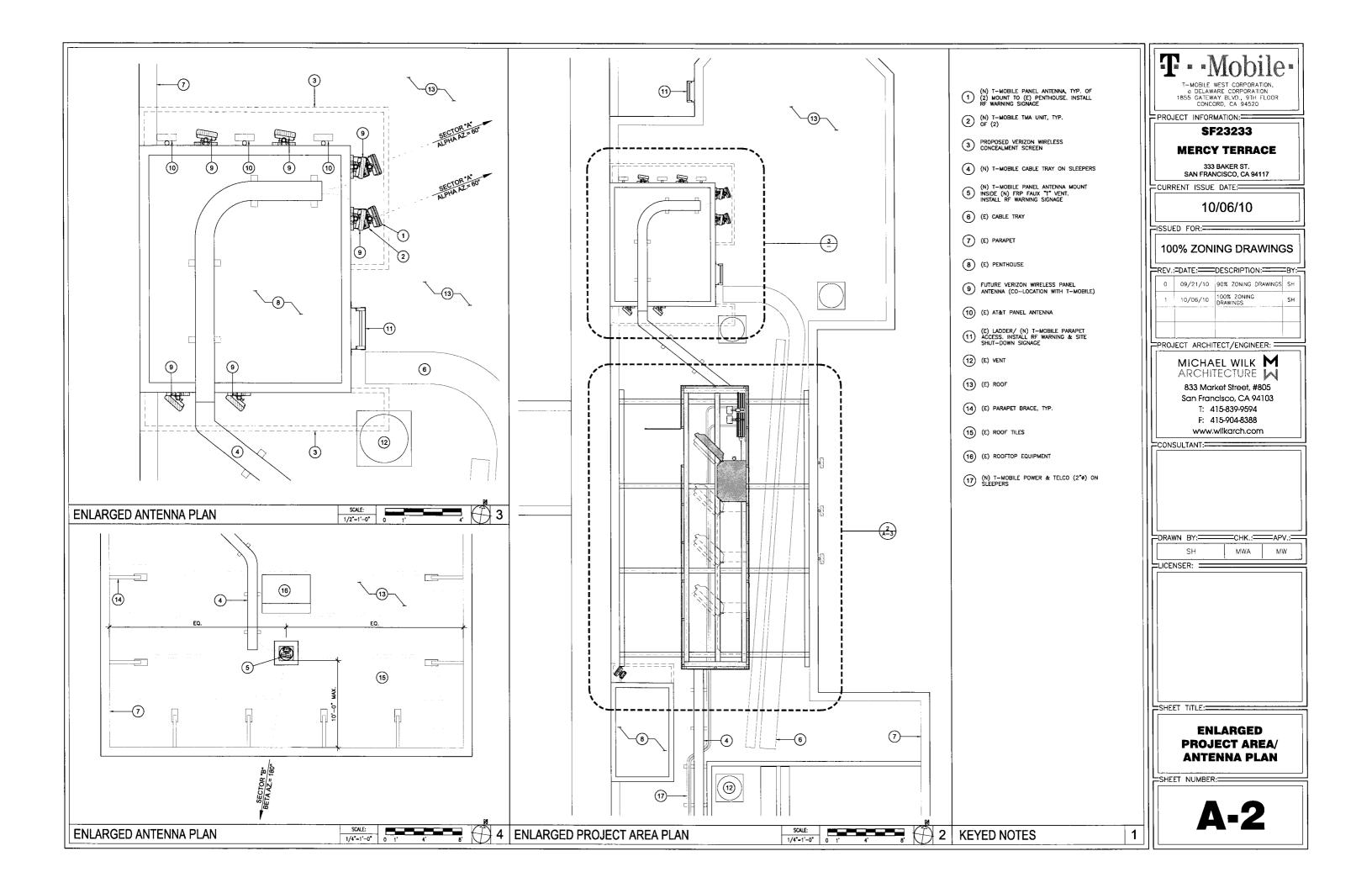
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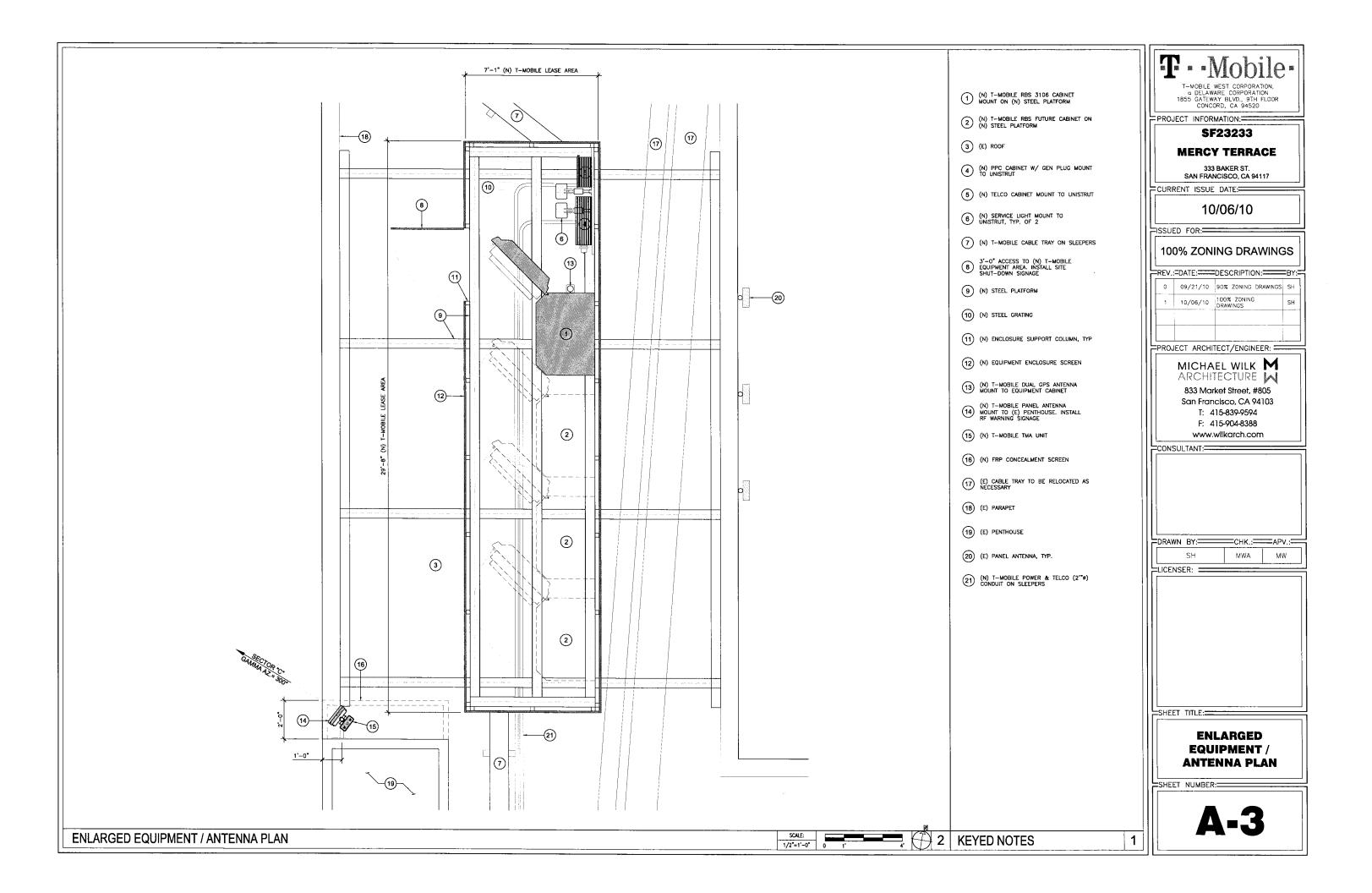
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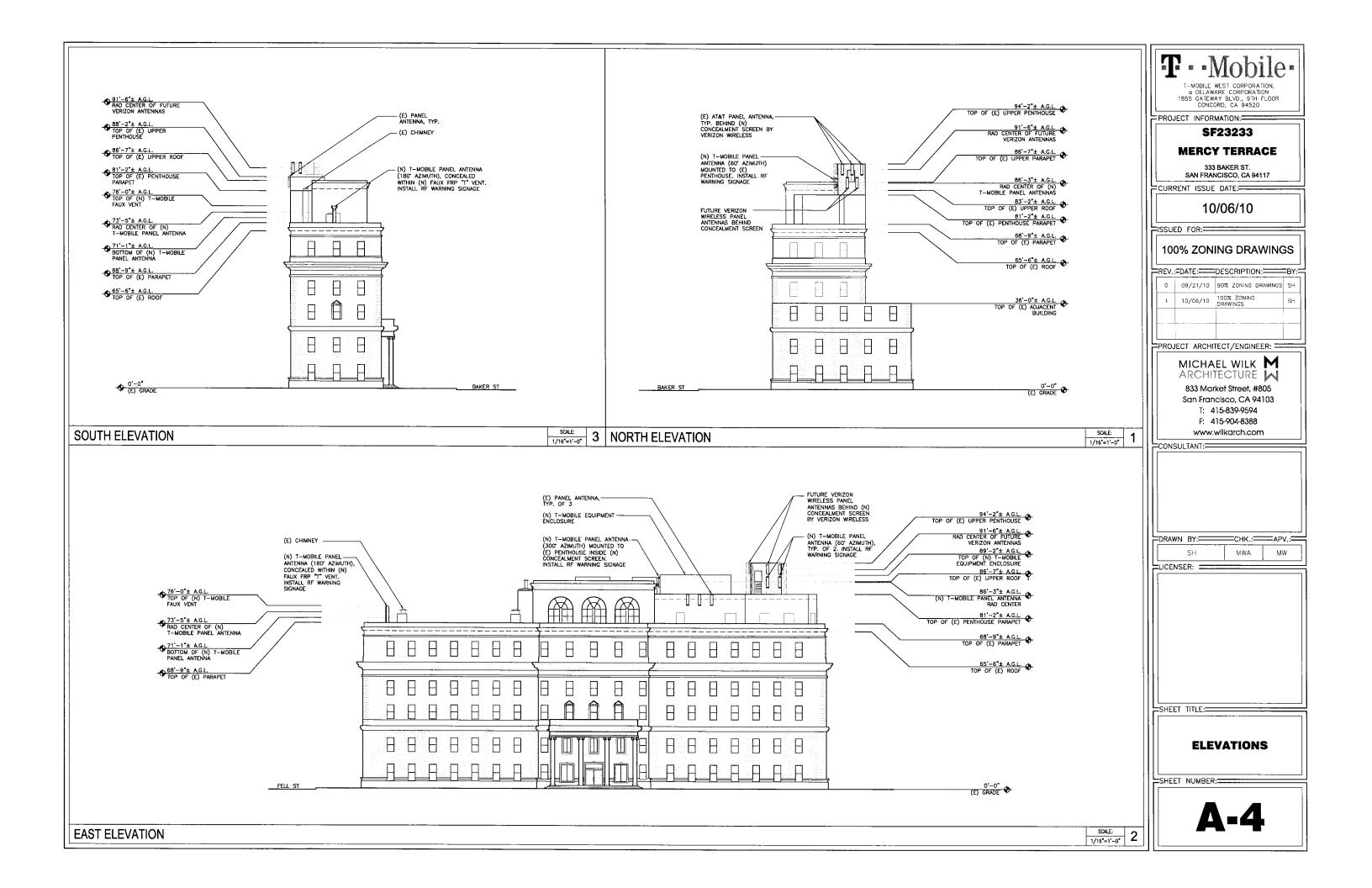
EMF REPORT

SHEET NUMBER:











SITE NAME: FELL AND DIVISADERO

SITE NUMBER: 123326

333 BAKER ST. SAN FRANCISCO, CA 94117

DOCUMENTS LINTH ISSUANCE OF A BUILDING PERMIT. AND ALL SHEETS HAVE BEEN ISSUED "FOR CONSTRUCTION"

ADJ ALT ADJUSTABLE REV SCH REVISION SCHEDULE ALTERNATE SECT SECTION SQUARE FOOT APPROXIMATE AUTO AUTOMATIC SIM BEL SIMILAR SPEC SPECIFICATION BLK BOT BLOCK SPECIFICATIONS CHAM CIR CHAMFER SPL SQ STD SYM SPECIAL SQUARE CIRCLE CIRC CIRCUMFERENCE STANDARD SYMETRICAL CLEAR COL SYSTEM COLUMN COMB CONT COMBINATION TEMP TEMPORARY THICK(NESS) CONTINUOUS CTR DEP DET DIAG DIAM TOLERÀNCE DEPRESSED TYPICAL VERT VERTICAL DIAGONAL W/ W/O WITHOUT DIAMETER PARALLEL DIV DN DWG DIVISION PERI PT PERIMETER DOWN RADIUS REFERENCE ΕQ EQUAL EQPT EQUIPMENT EXG FUT HD HDWR EXISTING HEAVY DUTY

HARDWARE

HORIZONTAL

INSIDE DIAMETER

HOUR

HEIGHT

LENGTH

MAYIMUM

MEDIUM

MIRROR

MATERIAL

ABBREVIATIONS

MECHANICAL

MANUFACTURER

MISCELLANEOUS

MILLIMETER(S)

OUTSIDE DIAMETER

HORZ

LBL MAX

MECH

MFR

MISC

MM MTL NOM

NTS OD

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLES 24 & 25) 2007
- CALIFORNIA BUILDING CODE 2007 CALIFORNIA FLECTRICAL CODE 2007
- CALIFORNIA PLUMBING CODE 2007
- ANSI / FIA-222 G
- CITY / COUNTY ORDINANCES CALIFORNIA FIRE CODE 2007 EDITION

CODE COMPLIANCE

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS IS NOT REQUIRED IN ACCORDANCE WITH 2007 CALIFORNIA BUILDING CODE, TITLE 24, PART 24, VOL. 1, CHAPTER 11B, SECTION 1123B.2 EXCEPTION 1

ACCESSIBILITY REQUIREMENTS

ARCHITECT:

CONSULTANT'S NAME CITY, STATE, ZIP PHONE:

4425 17th STREET SAN FRANCISCO, CA 94114 ROBERT ZEHM (415) 503-1363

SURVEYOR:

CONSULTANT'S NAME ADDRESS CITY, STATE, ZIP

EVANS SURVEY & ENGINEERING 1355 WILLOW WAY STE 105 CONCORD, CA 94520 (707) 426-4709 (707) 426-5348

CONSTRUCTION MANAGER:

CONSULTANT'S NAME ADDRESS CITY, STATE, ZIP CONTACT

ON AIR, LLC SONOMA, CA 95476 (925) 250-5945

PROJECT TEAM

THE PROJECT CONSISTS OF VERIZON WIRELESS EQUIPMENT CABINETS MOUNTED ON RAISED PLATFORM ON CONCRETE SLAB AT BASEMENT LEVEL WITHIN A CHAINLINK FENCE ENCLOSURE

INSTALLATION OF (6) PANEL ANTENNAS MOUNTED ON UPPER PENTHOUSE BEHIND PROPOSED CONCEALMENT SCREEN

STAND-BY GENERATOR MOUNTED ON A CONC. SLAB @ GRADE WITHIN CMU OUTDOOR ENCLOSURE LOCATION

COAX CABLE RUNS FROM EQUIPMENT TO PANEL ANTENNAS

TELEPHONE AND ELECTRICAL SERVICE FROM ADJACENT EXISTING SOURCES

PROJECT DESCRIPTION

APPLICANT/LESSEE

VERIZON WIRELESS ADDRESS: 2785 MITCHELL DRIVE WALNUT CREEK, CA 94598 CONTACT: (925) 279-6333

AGENT

ON AIR, LLC. ADDRESS: 247 O'CONNOR ST CONTACT: CHRISTOPHER FOWLER, PROJ. MGR (650) 888-0809 (650) 325-4512

PROPERTY INFORMATION

MERCY PROPERTIES CA ET AL OWNER: 333 BAKER ST. SAN FRANCISCO, CA 94117

CONTACT:

MS. LYNNE ARMSTRONG (415) 931-2325 EXT: 206

CURRENT ZONING:

RM-1 RESIDENTIAL MIXED, LOWER DENSITY (40-X)

36" 52' 23.90"

LONG: 122° 25' 05.04"

1206-003

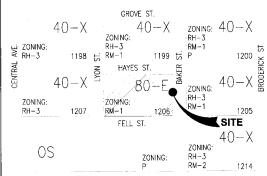
36'52'24.06" LONG: 122*25'01.12"

NOTE: NORTH SHOWN HAS BEEN ESTABLISHED USING COMPASS AND IS APPROXIMATE. ALL ANTENNA AZIMUTHS ARE TRUE NORTH. MAGNETIC DEVIATION HAS NOT BEEN ACCOUNTED FOR. VERIFY TRUE NORTH PRIOR TO INSTALLATION OF

PROJECT SUMMARY



VICINITY MAP



HEIGHT & BULK DISTRICT/ ZONING

SITE DIRECTIONS FROM VERIZON WIRELESS WALNUT CREEK OFFICE:

- START AT 2785 MITCHELL DR, WALNUT CREEK GO 0.2 TURN LEFT ON N. WIGET LN - GO 0.3 MI YGNACIO VALLEY RD becomes HILLSIDE AVE. - GO <0.10 MI MERGE ONTO CA-24 W toward OAKLAND - GO 13.50 MI
- MERGE ONTO 1-580 W TOWARDS SAN FRANCISCO MERGE ONTO 1-80 W TOWARD SAN FRANCISCO CROSS THE SAN FRANCISCO/OAKLAND BAY BRIDGE
- . MERGE ONTO US-101 N/CENTRAL FWY TOWARD MISSION ST.-GO 1.1 MI. STAY STRAIGHT TO GO ONTO OCTAVIA 0.2 MI. 10. TURN LEFT ONTO FELL ST. - GO 0.9 MI. 11. TURN RIGHT ONTO BAKER ST. - GO <0.1 MI.
- 12. SITE IS ON LEFT SIDE, PARKING AVAILABLE ON STREET

DRIVING DIRECTIONS

ı	SHEET	DESCRIPTION	
	T-1	TITLE SHEET	9
	T-2	PERMIT APPLICATION FOR GENERATOR	9
	T-3	PERMIT APPLICATION FOR GENERATOR	9
	T-4	PERMIT APPLICATION FOR CELLULAR ANTENNA SITES	9
	T~5	EMF REPORT	9
	T-6	BATTERY DATA	9
	T-6.1	BATTERY DATA	9
l	T-7	GENERATOR SPECS.	9
	C-1	SITE SURVEY	2
	A-1	OVERALL SITE PLAN	
	A-1.1	INGRESS / EGRESS PLAN	
	A-2	ANTENNA & EQUIPMENT LAYOUT	
1	A-3	PROJECT AREA PLAN @ GENERATOR	
	A-4	ELEVATIONS	
l	A-6	ELEVATIONS	9
l	A-6	PARTIAL ELEVATIONS @ ANTENNA LOCATION	9
	A-7	ELEVATION AT GENERATOR	9
l	A-8	DETAILS	9
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SHEET INDEX

TITLE	SIGNATURE	DATE
VERIZON WIRELESS CE		
VERIZON WIRELESS RF		
VERIZON WIRELESS PA		
VERIZON WIRELESS EE		
PROPERTY OWNER		
ON AIR ZONING		
ON AIR RE		
ON AIR CM		
APPROVAL LI	ST	



Architecture & Planning, Inc 4425 17th Street San Francisco, Ca 94114 415.503.1363 fax 949.251.1177 Santa Ana San Diego San Francisc www. msa-ap.com

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FELL & DIVISADERO 333 BAKER STREET SAN FRANCISCO, CA, 94117

THEE SHEET

ENGINES LOCATED IN STRUCTURES (answer 20-21) if installing an engine inside a structure.) 20. What is the fire rating of the walls and opening protection in the room where the engine is located? Note, minimum one-hour fire barrier separation shall be provided for engines installed in a building. The system shall be designed in such a way that required opening protection is provided without choking off vital combustion air and ventilation.) Reference: 2007 CBC Section 432. ___ 1-hour ____ 2-hour 3-hour Other:.... 21. Fully Sprinklered building, per NFPA 13? If no, interior openings are not permitted between the Engine Room and other portions of the building, except I occupancies. Reference 2007 CBC, Section ENGINES LOCATED ON ROOFS (answer 22-23 if you are installing an engine on a roof.) √ 22-23 Not applicable 22. Engines, and their weatherproof housings, if provided, that are installed on roof structures shall be located at least (5ft) for structures having combustible walls and wall openings, 2002 NFPA 37, 4.1.3.1 . A minimum separation shall not be required where the following conditions exist: (1) The adjacent wall has a rating of at least 1 hour. (2) The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure. Note: Corrosion protection is required for fuel tanks by 2007 CFC, Section 3404.2.7.9 √ 23. Where engine or skid mounted assembly containing an engine is mounted on a roof, the surface beneath the engine and beyond the engine, and any containment dike is noncombustible to a minimum distance of 12 inches Reference: 2002 NFPA 37, Section 4.1.3.2. ENGINES LOCATED OUTDOORS (answer 24 if you are installing an engine outdoors) _____ 24 Not applicable

24. Engines and their weatherproof housings are located at least 5 ft from openings in walls and at least 5 ft. from structures having combustible walls.

Reference: 2002 NFPA 37, Section 4.1.4 √ The adjacent wall has a rating of at least 1 hour.

The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite.

The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite.

The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite.

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The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite.

The weatherproof enclosure is constructed on noncombustible material, and it has been demonstrated that a fire within the enclosure will not ignite the construction of combustible materials outside the enclosure.

Note: Corrosion protection is required for fuel tanks by 2007 CFC, Section 3404.2.7.9 ENGINES HANDLING HAZARDOUS MATERIALS (Other than their own fuel supply) [Answer 25-28 when applicable] _√_ 25-28 Not applicable Engine is suitably isolated from areas not having a similar hazard. Reference: 2002 NFPA 37, Section 4.4.1
Provisions for the venting of an explosion with minimal structural damage is provided. Reference: 2002 NFPA 37, Section 4.4.2. N/A 27. Rooms containing engines located within structures have interior walls, floors, and ceilings of at least 2-hour fire resistance rating. Reference: 2002 NFPA 37, Section 4.4.2 N/A 28. Rooms containing engines are adequately ventilated from a non-hazardous area. Reference: 2002 NFPA 37, Section 4.4.2 ENGINE WIRING (Answer 29-31 for all engine installations.) \checkmark 29. Wiring is in accordance with the 2002 NFPA 70 and the 2002 NFPA 37, Section 4.5 7 30. Are the Electrical circuits are designed to be "fail-safe", i.e. Engine shuts down automatically in case of control wire break, disconnect, or cutting. Reference. 2002 NFPA 37, Section 4.5.3.4: ___ Yes, circuits are fail safe J 31. Batteries, wiring, and electrical protective devices are protected against arcing and accidental shorting. Reference: 2002 NFPA 37, Section 4.5.4 ENGINE EXHAUST (Answer 32-33 for all engine installations)
32. Engine exhaust termination location is __SEE A-SHEETS_ (Required to terminate outside structure at a point where hot gases, sparks, or products of combustion will be discharged harmlessly and guarded to prevent personnel burns where necessory). Reference 2002 NFPA 37, Section 8.2.3.
33. Anticipated engine exhaust temperature 975 Reference 2002 NFPA 37, Section 8.3 and 8.4 for clearance requirements ENGINE REQUIREMENTS (Answer 34-39 for all engine installations). 34. Is Engine provided with an automatic engine speed control, as required? Reference: 2002 NFPA 37, Section 9.1 _√_ Yes No $\sqrt{35}$. Reciprocating engines that are 10 Horsepower or more are provided with: Device for high jocket water temperature or, high cylinder temperature
 Device for low lubricating oil pressure or, in the case of a splash lubricated engine, for low oil level * Provisions for shutting down the engine at the engine and a remote location * An automatic engine shutdown device for engine over—speed * An automatic engine shutdown device for high-lubricating oil temperature * Provisions for shutting down, from a remote location, lubricating oil pumps not driven by the engine. Reference: 2002 NFPA 37, Section 9.2.1 N/A 37. Combustion gas turbine engines are equipped with the item in 34 above, and at least the following additional features: An automatic main speed control and overspeed shutdown control
 A backup overspeed shutdown control that is independent from the main control specified above * An automatic engine shutdown device for low lubricating oil pressure
* An automatic engine shutdown device for high exhaust temperatures * Provisions for shutting down the engine from a remote location
* Provisions for shutting down, from a remote location, lubricating oil pumps not directly driven by the engine * An automatic shutdown device for high exhaust temperatures
* A means of automatically shutting off the fuel supply in the event of a flameout * n/a. Reference: 2002 NFPA 37, Section 9.3 √ 38. One set of operating and maintenance procedures will be located where readily accessible to personnel operating or maintaining equipment. Reference: 2002 NFPA 37, Section 10.1 √ 39. Emergency shutdown procedures will be conspicuously posted near the engine indicating the location of the fuel shutoff valve(s). Reference: 2002 NFPA 37, Section 10.2 FUEL SUPPLY FUEL TANKS (Answer 40-78 for all fuel tank installations.) ./ 40. Fuel Tank is listed. Make, model, listing agency GENERAC POWER SYSTEMS ENGINE U.L. 142, 132 GAL TANK W/BASIN, VERIZON WIRELESS Combustible Materials: as allowed by 2003 NFPA 30, 4.2.2 (2) (a-b) Noncombustible Materials NA 42. Engine-mounted tanks securely mounted on the engine assembly and protected against vibration, physical damage, engine heat, and the heat of exhaust piping. Reference: 2002 NFPA 37, Section 6.3.1.

1. Indoor and roof fuel tanks are securely mounted on substantial noncombustible supports. Reference: 2002 NFPA 37, Section 6.3.2.1, and Section 6.3.4.1. √ 44. Fully Sprinklered Building per NFPA 13 (affects exempt amounts). Reference: 2007 CBC, Table 307.1(1), and 2007 CFC Section 2703.1.1 and Table 2703.1.1(1) ____ Yes 45. Tank is located in an exhausted enclosure (affects exempt amounts). Reference: 2007 CBC, Table 307.1(1), and 2007 CFC Section 2703.1.1 and Table 2703.1.1(1) 46. Room where tank is stored is sprinklered to Extra Hazard Group II hazard classification. Reference: 2002 NFPA 13, Section 5.4.2

____ Yes _√_ No



<u>MSA</u>

Architecture & Planning, Inc.
4425 71th Street
San Francisco, Ca 94114
415.503.1363 fax 949.251.1177
Santa Ana San Diego San Francisco
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DRAWN BY:

CHECKED BY:

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CAD File: 123326

SUBMITTALS

9 10/14/10 100% ZONING REV.

8 07/21/10 100% ZONING REV.

7 07/06/10 100% ZONING REV.

6 05/12/10 100% ZONING REV.

5 02/18/10 100% ZONING REV.

4 11/13/09 100% ZONING REV. 3 11/26/07 100% ZONING REV.

E INFORMATION CONTAINED IN THIS

SET OF DOCUMENTS IS PROPRETARY BY NATURE. ANY USE OR DISCLOSUR CHER THAN THAT WHICH RELATES TO VERIZON WIRELLESS IS STRICTLY PROHIBITED.

SIE 123326 FELL & DIVISADERO 333 BAKER STREET SAN FRANCISCO, CA, 94117

SHEET TILE
PERMIT APPLICATION
FOR GENERATOR
(1 OF 2)

SHEET NUMBER

SCALE 1

Piping, valves, tanks, or fittings are subject to vehicular damage. (Guard posts or other approved means of protection shall be installed) Reference: 2007 CFC, Section 2703.9.3 and 3404.2.9.6.5 ___ Yes ____ No 72. Fuel supply system is provided with adequate alarms, float-controlled valves, or mechanical or remote-reading-level gauges or protected sight glass gauges to aid personnel in properly operating the fuel system. Reference: 2002 NFPA 37, Section 6.5.2 (Note: all openings are restricted to the top of the tank). J 73. All piping is double-walled, meets the requirements of 2007 CFC Section 2703.2.2, 2704.2.2.5, 3403.6 and 7902.1.10.8 and is provided with a leak-detection system. Provide leak detection alarm per CBC Section 415.6.2, 414.7 and CFC 2704.2.5.5, with supervision as required by CBC Section 414.7.3, transmitting a trouble signal to a central station. The leak detection shall also provide Emergency Alarm per CBC 414.7.1 and CFC 2704.9. 74. Stationary-powered fuel pumps supplying fuel tanks have "stop" controls sensitive to a tank's high liquid level. Reference: 2002 NFPA 37, 6.5.3 Fuel tanks supplied by pumps are provided with an overflow line, a high-level alarm, and a high-level automatic shut-off. Overflow piping complies with section. Reference: 2002 NFPA 37, 6.5.4 76. Clearance provided around tank is a minimum of 15 inches. Reference 2002 NFPA 37, Sections 6.3.5.1.2 77. Pressure relief valves and relief piping are provided where the potential exists for over-pressurizing fuel system piping, and is routed without valves or traps to the source tank or collection system. Reference: 2002 NFPA 37, Section 6.5 78. Hydrostatic test will be performed in the presence of the Fire Inspector for all piping and underground tanks. Reference: 2007 CFC, Section 3403.6.3 and 3404.2.12 Yes TANK IS ABOVE GROUND ADDITIONAL REQUIREMENTS FOR INSTALLATIONS SERVING REQUIRED EMERGENCY POWER SUPPLY SYSTEMS (EPSS) (THIS CATEGORY INCLUDES AEMERGENCY SYSTEMS® AND ALEGALLY REQUIRED STANDBY® AS DEFINED BY THE NEC. SEE DEFINITIONS SECTION.(COMPLETE QUESTIONS 79-92 WHEN INSTALLATION SERVES THIS TYPE OF EQUIPMENT) 79. Locations housing required EPSS and Standby equipment will be provided with battery—powered emergency lighting. The charging system and the normal service room lighting shall be supplied from the load side of the transfer switch.

Reference: 2005 NFPA 110, Section 7.3 I No N/A 80. Generators serving EPSS systems will have a remote panel, powered by the storage battery, that complies with 2005 NFPA 110, Section 5.6.5.2 of the. Such panel will be located immediately outside of the EPSS service room and will include all status indicators as required by 2005 NFPA 110 Table 5.6.5.2 N/A 81. EPS equipment is provided with a minimum of 36 inches clearance on all sides. Required when generator is used for required emergency loads. Reference: 2005 NFPA 110, Section 7.2.5 82. Installation is serving high-rise building emergency power systems. Yes Emergency and standby power status indicators are required in the fire control room per 2007 CBC, Section 911. Status indicators shall include but not be limited to: running, failure to start, controller off "automatic", trouble (e.g., low oil, high temperature, overspeed), fuel leak detection alarms (piping, tank, room), low fuel level alarms. Generator supervision devices, manual start and transfer features. N/A 83. Power Distribution/Riser Diagram has been reviewed and approved by the Electrical Inspection Division. Name of approving inspector:_ N/A 84. For generators serving EPSS, prime movers are provided with instruments and accessories as required by 2005 NFPA 110, Section 5.6.3 N/A 85. Engines for EPSS are located in a separate room of minimum 2-hour fire-rated construction. Only EPSS equipment is permitted in room. Reference: 2005 NFPA 110, Section 7.2.1. N/A 86. Electrical rooms for normal building power will be free of EPSS equipment. Reference: 2005 NFPA 110, Section 7.2.2 _√_ Yes N/A 87. Engines serving EPSS are provided with a remote manual stop station of a type to prevent inadvertent or unintentional operation station located immediately outside the generator room. Reference: 2005 NFPA 110, Section 5.6.5.6 ___ Yes N/A 88. At least two sets of instruction manuals in accordance with Section 8.2.1 of the 2005 NFPA 110 will be provided to the building. One set will be located in a secure, convenient location near the equipment. The other set will be kept in a different secure location. Reference: 2005 NFPA 110, Sections 8.2.1 and 8.2.2 N/A 89. For EPSS systems, a routine and operational testing program has been designed and a written record in accordance with 2005 NFPA 110, Section 8.3.4.1 is in place to begin immediately after acceptance, including transfer switch and battery requirements. Reference: 2005 NFPA 110, Section 8.3.5 and 8.3.7 NA 90. Generators serving EPSS shall employ a program—timing device to exercise the EPSS as described in Chapter 8 of NFPA 110, 2005 edition. The transfer switches for Level 1 and Level 2 EPSS shall transfer the connected load to the EPS per the 2005 NFPA 110, Section 6.2.11 and 6.2.11.1 All elements of the fuel delivery systems serving emergency generators and fire pumps for required emergency power are provided with a means of secondary power. Reference: 2005 NFPA 110, Section 7.9.9 and SFFD Interpretation ___ Yes Fuel Tank is sized so that fuel is consumed within storage life (1-1/2 years), or provisions will be made to replace stale fuel with fresh fuel. Reference: 2005 NFPA 110. Section 7.9.1. 7.9.1.3 N/A 93. Fuel tanks for EPSS are placed as close as practicable to the prime mover. Reference: 2005 NFPA 110, Section 7.9.2 ___ Yes Final approval of fire pumps requires completion of a field acceptance test conducted in accordance with 2003 NFPA 20, Section 14.2.1. Pump test shall be attended by

pump manufacturer, engine manufacturer, transfer switch manufacturer (when supplied), installing contractor, and should be attended by the owner. The SFFD District Fire

Final approval of required emergency generators requires completion of Installation Acceptance Testing in accordance with 2005 NFPA 110, Section 7.13. Person(s) responsible for testing generator shall exhibit competence, or may be rejected at the time of the test. The SFFD District Fire Inspector and the DBI Electrical Inspector shall be notified in advance of the time and place of acceptance testing, and shall be provided with written testing data.

nspector shall be notified in advance of the time and place of the test, and shall be provided with the pump acceptance test data.

Prepared by:

4425 17TH STREET

MSA ARCHITECTURE AND PLANNING

SAN FRANCISCO, CA 94132

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRETARY BY NATURE. ANY USE OF DISCLOSURE THAN THAT WHICH RELATES TO VERIZON WHICLESS IS STRICTLY PROHBITED.

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SIIE 123326 FELL & DIV'SADERO 333 BAKER STREET SAN FRANCISCO, CA, 9411'

SMEET TILE
PERMIT APPLICATION
FOR GENERATOR
(2 OF 2)

SCALE NOT TO SCALE

↓ Yes

veri70nwireless

4425 17th Street San Francisco, Ca 94114 415.503.1363 fax 949.251.1177 Santa Ana San Diego San Francisco

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4 11/13/09 100% ZONING REV. 3 11/26/07 100% ZONING REV.

123326 LEL_ & DIVISADERO 333 BAKER STREET SAN FRANCISCO, CA, 94117

PERMIT APPLICATION FOR CELLULAR ANTENNA SITES

SAN FRANCISCO FIRE DEPARTMENT PERMIT APPLICATION FOR CELLULAR ANTENNA SITES & ALL EQUIPMENT SERVING THE CELLULAR ANTENNA SITE

SCALE

1

WILLIAM F. HAMMETT, P.E. DANE E. ERICKSEN, P.E. STANLEY SALEK, P.E. MARK D. NEUMANN, P.E. ROBERT P. SMITH, JR. RAJAT MATHUR, P.E. FERNANDO DIZON

BY E-MAIL CSFOWLER@WORLDNET.ATT.NET

November 9, 2009

Mr. Christopher Fowler On Air, LLC 247 O'Connor Street Menlo Park, California 94025

Dear Chris:

As you requested, we have updated our study of the RF exposure conditions near the Verizon Wireless base station (Site No. 123326 "Fell & Divisadero") proposed to be located at 333 Baker Street in San Francisco, California. Our revised report is enclosed, reflecting a change in the proposed antennas. Fields in publicly accessible areas at the site are still calculated to be below the applicable limits. Also attached is a sketch showing a change to the striping shown in the drawings - more in one direction and less in another.

We appreciate the opportunity to be of service and would welcome any questions on this material. Please let me know if we may be of additional assistance.

Sincerely yours.

Pay Haunt

Enclosure

ce: Mr. Peter Hilliard (w/encl) - BY E-MAIL ONAIR@VOM.COM

Verizon Wireless • Proposed Base Station (Site No. 123326 "Fell and Divisadero") 333 Baker Street • San Francisco, California

Statement of Hammett & Edison, Inc., Consulting Engineers

The firm of Hammett & Edison, Inc., Consulting Engineers, has been retained on behalf of Verizon Wireless, a wireless telecommunications carrier, to evaluate the base station (Site No. 123326 "Fell and Divisadero") proposed to be constructed at 333 Baker Street with respect to prevailing standards limiting human exposure to radio frequency energy.

Background

The San Francisco Department of Public Health has adopted a 10-point checklist for determining compliance of WTS facilities with prevailing safety standards. The acceptable limits for exposures of unlimited duration are those adopted by the FCC:

Personal Wireless Service	Approx. Frequency	Occupational Limit	Public Limit
Broadband Radio ("BRS")	2,600 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Advanced Wireless ("AWS")	2,100	5.00	1.00
Personal Communication ("PCS")	1.950	5.00	1.00
Cellular Telephone	870	2.90	0.58
Specialized Mobile Radio ("SMR")	855	2.85	0.57
Long Term Evolution ("LTE")	700	2.33	0.47
[most restrictive frequency range]	30-300	1.00	0.20

This site was visited during normal business hours by Ms. Natalie Sablan, a qualified employee of Hammett & Edison, Inc., on April 8, 2009, and by the undersigned engineer on April 13, 2009, both non-holiday weekdays. Reference has been made to information provided by Verizon, including zoning drawings by MSA Architecture and Planning, Inc., dated November 26, 2007.

Checklist

1. The location of all existing antennas and facilities at site. Existing RF levels.

AT&T had installed nine directional panel antennas in groups of three on the face of the roof parapet and on two faces of rooftop penthouses above the multi-story senior residential center located at 333 Baker Street. Existing RF levels for a person at ground near the site measured less than 1% of the most restrictive public exposure limit.

2. The location of all approved (but not installed) antennas and facilities. Expected RF levels from

No other WTS facilities are reported to be approved for this site, but not yet installed.

3. The number and types of WTS within 100 feet of proposed site and estimates of additive EMR

There were no other WTS facilities observed within 100 feet.

HAMMETT & ÉDISON, INC. CONSULTING ENGINEERS SAN FRANCISCO VW123326599.1 Page I of 4

Verizon Wireless • Proposed Base Station (Site No. 123326 "Fell and Divisadero") 333 Baker Street • San Francisco, California

4. Location (and number) of Applicant's antennas and back-up facilities per building and location (and number) of other WTS at site. Verizon proposes to mount six Powerwave directional panel antennas - three dualband Model P65-15-

XLH-MM for PCS and cellular service and three Model P65-15-XL-2 for LTE service - on the elevator penthouse above the roof. The antennas would be oriented in pairs (one of each) toward 10°T, 100°T, and 220°T, and would be mounted at effective heights of about 86 feet above ground, 5 feet above the upper roof, for the 10°T antennas, and at about 92 feet above ground, 23 feet above the main roof and 11 feet above the upper roof, for the other antennas.

5. Power rating (maximum and expected operating power) for all existing and proposed backup equipment subject to application.

The maximum power rating of the transmitters to be installed are reported to be 16 watts (PCS), 20 watts (cellular), and 40 watts (LTE). The power rating of the existing AT&T transmitters is not known. The actual operating power of the transmitters will depend upon the system losses encountered after the physical cabling runs have been installed; the transmitters may operate at a power less than their maximum rating, such that the total power radiated from the antennas does not exceed the level given in Item 6 below.

6. Total number of watts per installation and total number of watts for all installations at site.

The maximum effective radiated power in any direction for Verizon would be 2,560 watts, representing simultaneous operation at 960 watts for PCS, 1,200 watts for cellular service, and 400 watts for LTE service. AT&T had proposed to increase its maximum effective radiated power at

Plot or roof plan showing method of attachment of antennas, directionality of antennas, and height above roof level. Discuss nearby inhabited buildings.

The drawings show the proposed antennas to be mounted above the roof of the building, as described in Item 4 above. There were no observed taller buildings nearby.

8. Estimated ambient RF levels for proposed site and identify three-dimensional perimeter where exposure standards are exceeded.

For a person anywhere at ground, the maximum ambient RF level from the proposed Verizon operation by itself is calculated to be 0.00081 mW/cm², which is 0.14% of the applicable public exposure limit. Therefore, ambient levels at the site are expected to remain below 1% of the public limit. The maximum calculated level at the top floor of the subject building for the proposed Verizon operation by itself is 0.89% of the public limit; the maximum calculated level at any nearby building for the proposed Verizon operation by itself is 0.53% of the public limit. The three-dimensional perimeter of RF levels equal to the public exposure limit is calculated to extend about 36 feet directly

HAMMETT & EDISON, INC.

VW123326599.1 Page 4 of 4

Verizon Wireless • Proposed Base Station (Site No. 123326 "Fell and Divisadero") 333 Baker Street • San Francisco, California

in front of the Verizon antennas and to much lesser distances behind, below, and above the antennas Areas on the main roof of the subject building may exceed the public limit in front of the east-facing

9. Describe proposed signage at site.

Verizon has proposed to install a security panel on the access ladder to the upper roof, so the proposed antennas would not be accessible to the general public. To prevent occupational exposures in excess of the FCC guidelines, no access within 9 feet in front of the antennas themselves, such as might occur during building maintenance activities, should be allowed while the site is in operation, unless other measures can be demonstrated to ensure that occupational protection requirements are met. Marking the upper roof with yellow paint stripes out to the roof edge in front of the 10°T antennas and posting explanatory warning signs* at the several roof access locations and at the antennas, such that the signs would be readily visible from any angle of approach to persons who might need to work within that distance, would not be sufficient to meet FCC-adopted guidelines. Similar measures should already be in place for the other earrier at the site; applicable keep-back distances have not been determined as part of this study, although it is anticipated that a barricade will be needed in front of the AT&T antennas facing east.

10. Statement of authorship.

The undersigned author of this statement is a qualified Professional Engineer, holding California Registrations Nos. E-13026 and M-20676, which expire on June 30, 2011. This work has been carried out under his direction, and all statements are true and correct of his own knowledge except, where noted, when data has been supplied by others, which data he believes to be correct.

Warning signs should comply with OET-65 color, symbol, and content recommendations. Contact information should be provided (e.g., a telephone number) to arrange for access to restricted areas. The selection of language(s) is not an engineering unter; the San Francisco Department of Public Health recommends that all signs be written in English, Spanish, and Chinese.

HAMMETT & EDISON, INC.

Verizon Wireless • Proposed Base Station (Site No. 123326 "Fell and Divisadero") 333 Baker Street • San Francisco, California

Based on the information and analysis above, it is my professional opinion that the proposed Verizon Wireless base station will comply with the prevailing standards limiting public exposure to radio frequency energy and, therefore, will not for this reason cause a significant impact on the environment. Posting of explanatory signs is recommended to establish compliance with occupational exposure

November 9, 2009



veri70n wireless

MSA

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123326 FELL & DIVISADERO 333 BAKER STREET SAN FRANCISCO, CA, 94117

EMF REPORT

SHIFT NUMBER

EMF REPORT

HAMMETT & EDISON, INC.

SCALE

LEAD ACID BATTERY

PRODUCT IDENTIFICATION Chemical/Trade Name (per on label):

B. Chemical Family/Classification: C. Manufacturer's Name & Address

D. Contact:

Electrical Storage Battery NorthStar Battery Co. LLC 4000 Continental Way Springfield, MO 65803

Lead Ackl Battery

U.S. - NSB Safety and Health Department Phone: (417) 575-8219 Fax: (417) 575-8250 Aust. NorthStar Bettery Pty Ltd Phone: 02 9888 1998

E. Emergency Information:

Chemtrec (Outside US, Canada & Mexico) Phone: +1 (703) 527-3887 (call collect)

F. Non-Hazardous Classification

Per US DOT, Northstar Battery Company products, submitted and tested by Wyle Labs, have been deemed to meet all requirements as specified in 49CFR§ 173.159 (d) for exception as hazardous material classification.

II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

	Air Exposure Limits (ug/m²)				
Materials	Approx % by WL*	CAS Number	OSHA	AGGIH (TLV)	NIOSH
Lesd	50	7439-92-1	50	150	100
Lead Oxide	20	1309-60-0	50	150	100
Electrolyte (Sulfuric Acid) 1.400 sq	17	7664-93-9	1	1	1

AUSTRALIAN INFO	Side of the second		
Chemical or Minterial		Hazardous Substance Classification as per NOHSC Australia	Australien Poison Schedule Classification
Non-Spillable Lead Acid Battery	Exempt under A67 (NATA Identification Guide) and Clause 238	R34/R41	Schedulo 6 Agricultural, Domestic and Industrial
	of the Australian Dangerous Goods		Substances

Note: Product contains toxic chemicals that are subject to the reporting requirements of Section 302 and 313 of the Emergency Planning and Community Right-to-Know Act of 1986.

Date: 08-24-06	DCR: 999-S06	ISO Clause: 4.3.1	DCN; MSD-430-01-07	Page: 1 of 6

MATERIAL SAFETY DATA SHEET LEAD ACID BATTERY



III. PHYSICAL DATA:

Material is solid at normal temperatures.

A.	Elec	trolyte:	

Specific Gravity: 1.250 - 1.350 kg/dm⁵ Specific Gravity:
Bolling Point:
% Votatiles By Weight:
Solubility in Water:
Melting Point Lead:
Vapor Density 110°C (230°F) Not Applicable 100% 327°C (621°F)

Appearance and Odor

1. Electrolyte is a clear liquid with an acidic odor.

IV. HEALTH HAZARD INFORMATION:

Under normal operating conditions, because the battery is "non-spillable", the internal material will not be hazardous to your health. Only internally exposed material during production or case breakege or extreme heat (first) may be hazardous to your health.

Routes of Entry:

- 1. Inhalation: Acid mist from formation process may cause respiratory irritation
- Skin Contact: Acid may cause irritation, burns and/or ulceration.
- Skin Absorption Not a significant route of entry.
- Eye Contact: Acid may cause sever irritation, burns, cornee damage and/or blindress
- 5. Ingestion: Acid may cause irritation of mouth, throat, esophagus and stomach.
- Signs and Symptoms of Over Exposure:
 - Acute Effects: Over exposure to lead may lead to loss of appetite, constipation, sleeplessness and fatigue. Over exposure to acid may lead to skin initiation, corneal damage of the eyes and upper respiratory system.
 - Chronic Effects: Lead and its components may cause damage to kidneys and nervous system. Acid and its components may cause lung damage and pulmonary conditions.
 - Potential to Cause Cancer: The International Agency for Research on Cancer has classified "strong inorganic acid mist containing sulfure acid" as a Category 1 carchopen, a substance that I accronopent to humans. This dissification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist is not generated under normal use of this product. Misuse of the product, such as overcharging, may however result in the operation of sulfuric acid mist.

Deta: 08-24-06	DCR: 999-506	45O Clause: 4.3.1	DCN: MSD-430-01-07	Page: 2 of 6	

MATERIAL SAFETY DATA SHEET

LEAD ACID BATTERY



- C. Emergency and First Aid Procedures:
- Inhalation: Remove from exposure, move to fresh air, and apply oxygen if breathing is difficult. Consult physician immediately.
- Skin; Wash with plenty of soap and water for at least 15 minutes. Remove any contaminated clothing. Consult physician if skin irritation appears.
- Eyes: Flush with plenty of water immediately for at least 15 minutes, lifting lower and upper eyelids occasionally. Consult a physician immediately.
- Ingestion: Do not induce vomitting. Give large quantities of water. Never give anything by mouth to an unconscious person. Consult a physician immediately
- D. HANDLING AND STORAGE
 - Safe Storage: Store in a cool, dry place in closed containers. Keep away from ignition sources and high temperatures.
 - Contact NorthStar Battery Company (417-575-8200) for shelf life information.
 - Handling: Avoid skin or eye contect. Avoid breathing vapors. Do not use near sources of ignition
- CARCINOGENICITY: See section IV, Part B "Signs and Symptoms of Over Exposure" MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: See section IV, Part B "Signs and Symptoms of Over Exposure"
- FIRE AND EXPLOSION HAZARD DATA:

A. Flash Point: Hydrogen = 259°C

B. Auto ignition Temperature: Hydrogen = 580°C

Extinguishing Media: Dry chemical, foam, CO₂

Unusual Fire and Explosion Hazards: Hydrogen and oxygen gases are produced in the cells during normal battery operation (hydrogen is flammable and oxygen supports combustion). These gases enter the air through the vert caps. To avoid the chance of a fire or explosion, keep sparks and other sources of ignition away from the battory. D.

E. Firefighting PPE:

Full protective clothing and

NIOSH-approved self-contained breathing apparatus with full facepiece

VII. REACTIVITY DATA:

A. Stability:

B. Conditions to Avoid: Sparks and other sources of ignition.

Incompatibility: (materials to avoid)

Lead/lead compounds: Potassium, carbides, sulfides, peroxides, phosphorus,

Date: 08-24-08	DCR: 999-S06	ISO Clause: 4.3.1	DCN: MSO-430-01-07	Page: 3 of 6

MATERIAL SAFETY DATA SHEET

LEAD ACID BATTERY



- Battery electrolyte (acid): Combustible materials, strong reducing agents, most metals, carbides, organic materials, chlorates, nitrates, picretes, and fulminates.
- D. Hazardous Decomposition Products:
- Lead/lead compounds: Oxides of lead and sulfur.
- 2. Battery electrolyte (acid): Hydrogen, sulfur dioxide, and sulfur trioxide.
- E. Conditions to Avoid:

High temperature. Battery electrolyte (acid) will react with water to produce heat. Can react with oxidizing or reducing agents.

- VIII. CONTROL MEASURES:
 - Engineering Controls:

Store lead/acid batteries with adequate ventilation. Room ventilation is required for batteries utilitzed for standby power generation. Never recharge batteries in an unventilated, enclosed space.

Work Practices:

Do not remove vant covers. Follow shipping and handling instructions which are applicable to the battery type. To avoid damage to terminals and seals, do not double-stack industrial batteries.

- Personal Protective Equipment:
 - Respiratory Protection: None required under normal handling conditions. During battery formation (high-rate charge condition), acid mist can be generated which may cause respiratory irritation. Also, if acid spillage occurs in a confined space, exposure may occur. If irritation occurs, wear a respirator suitable for protection
- Eyes and Face: Chemical splash goggles are preferred. Also acceptable are "visor-gogs" or a chemical face shield worn over safety glasses.
- Hands, Arms, Body: Vinyl coated, VC, gauntlet type gloves with rough finish are
- Other Special Clothing and Equipment: Safety shoes are recommended when handling batteries. All footwear must meet requirements of ANSI Z41.1 -Rev. 1972.
- IX. ACCIDENTAL RELEASE MEASURES:
 - A. Not applicable under normal conditions.
 - In case of damage resulting in breakage of the battery container, see VIII, Sec. C Personal Protective Equipment.

Date: 08-24-06	DCR: 999-S06	ISO Clause: 4.3.1	DCN: MSD-430-01-07	Page: 4 of 8

MATERIAL SAFETY DATA SHEET

LEAD ACID BATTERY



- X. PRECAUTIONS FOR SAFE HANDLING AND USE:
- Hygiene Practices: Following contact with internal battery components, wash hands thoroughly before eating, drinking, or smoking.
- piratory Protection: Wear safety glasses. Do not permit flames or sparks in the ity of battery(s). If battery electrolyte (acid) comes in contact with clothing, discard
- - Remove combusible materials and all sources of Ignition. Cover spills with soda ash (sodium carbonate) or quicklime (calcium oxide). Mix well. Make certain mixture is neutral, then collect residue and place in a drum or other suitable container. Dispose of as hazardous waste.
 - Wear acid-resistant boots, chemical face shield, chemical splash goggles, and acid-resistant gloves. Do not release unneutralized acid.
- Waste Disposal Method (*):
- Battery electrolyte (acid): Neutralize as above for a spill, collect residue, and place in a drum or suitable container. Dispose of as hazardous waste.
- Do not flush lead contaminated acid to sewer.
- In case of accidental spill, utilize personal protective equipment, i.e., face shield, rubber apron, rubber safety shoes.
- Batteries: Send to feed smelter for reclamation following applicable Federal, State and local regulations. Product can be recycled along with automotive (SLI) lead acid batteries.
- Battery may be returned, shipping pre-paid, to the manufacturer or any distributor for recycling. See 1.0 for manufacturer's address or visit our web site @
- *In accordance to Local, State and Federal regulations and laws.
- E. Other Handling and Storage Precautions:

XI. ECOLOGICAL INFORMATION:

Lead and its compounds can pose a threat if released to the environment See Waste Disposal Method in Section X, Part D.

Dete: 08-24-06 DCR: 999-S08 ISO Clause: 4.3.1 DCN: MSD-430-01-07 Page: 5 of 6

MATERIAL SAFETY DATA SHEET

LEAD ACID BATTERY



XII. NFPA HAZARD RATING: SULFURIC ACID:

Flammability (Red)	=	0
Health (Blue)	=	3
Reactivity (Yellow)	=-1	1

Proper Shipping Name	UN2800 - Battery, wet, non-spillable (electric storage)
IATA	Batteries must be packed to protect against short circuits and firmly secured to skids or pallets. Packaging instruction 806 Not restricted per special provision A67.
US DOT	Northstar Battery Company products, submitted and tested by Wyle Labs, have been deemed to meet all requirements as specified in 49CFR§ 173.159 (d) for exception as hazardous material classification.
IMDG	Northster Battery Company products, submitted and tested by Wyle Labs, have been deamed to meet all requirements as specified in special provision 236 for determination of "Non-Splitable" and are not subject to the provision of this Code.

XIV. SPECIAL REQUIREMENTS:

Sulfuric Acid - Occupation Exposure Limit - AUSTRALIA TWA 1mg/m3, JAN1993 Lead - Occupation Exposure Limit - AUSTRALIA TWA 0.15 mg/m3, 2002

Date: 08-24-06 DCR: 899-506 ISO Clause: 4.3.1 DCN: MSD-430-01-07 Page: 8 of 6

verizon wireless 2785 MITCHELL DRIVE WALNUT CREEK, CA 94598

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- 9 10/14/10 100% ZONING REV.
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- 07/06/10 100% ZONING REV 05/12/10 100% ZONING REV. 5 02/18/10 100% ZONING REV.
- 11/13/09 100% ZONING REV. 3 11/26/07 100% ZONING REV.

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> BATTERY DATA SPECS.

> > SEFFE NUMBER



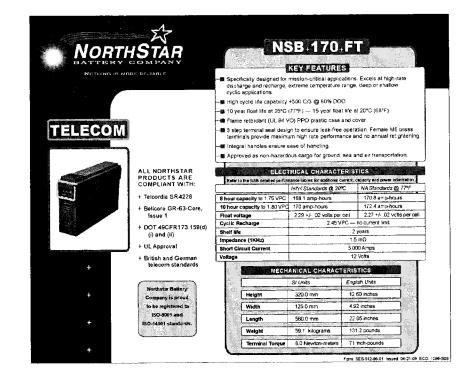
Northstar Battery Lead and Acid weights per 12 Volt Battery

		Elect	rolyte	7.		A	cld		Le	ati		- 22
过去 生姜 化二丁烷	We	light	Vol	ume	We	ight	Vol	ume -	We	ight .	Lead Oxi	de Weigt
Battery Type	Жg	/lbs	Aitres	/gailons	/kg	/1bs	/litres	/gallens	/kg	/lbs	/kg	Лbs
NSB40/NSB12-180	2.6	5.7	2.0	0.5	1.1	2.4	0.8	0.2	9.1	20.2	3.4	7.6
NSB70/NSB12-330	4.3	9.4	3.2	0.9	1.8	4.0	1.4	0.4	15.3	33.8	5.2	11.5
NS875/NSB12-270	4.3	9.5	3.3	0.9	1.8	4.0	1.4	0.4	15.0	33.0	5.9	12.9
NSB80/NSB12-370	6.2	13.6	4.7	1.2	2.6	5.7	2.0	0.5	20.1	44.2	8.0	17.6
NSB125/NSB12-475	8.1	17.9	6.2	1.6	3.4	7.5	2.6	0.7	26.8	59.1	11.0	24.3
NSB40FT	2.4	5.3	1.8	0.5	1.0	2.2	0.8	0.2	7.2	15.9	3.3	7.2
NSB80FT	3.7	8.1	2.8	0.7	1.6	3.4	1.2	0.3	10.9	24.1	4.7	10.4
NS890FT	5.3	11.6	4.0	1.1	2.2	4.9	1.7	0.4	16.0	35.3	7.4	16.4
NSB100FT	6.2	13.6	4.7	1.2	2.6	5.7	2.0	0.5	18.1	39.8	8.0	17.7
NSB110FT	6.8	15.0	5.2	1.4	2.9	6.3	2,2	0.6	19.9	43.8	9.1	20.1
NSB445FT	9.0	19.8	- 6 .8	1.8	3.8	8.3	2.9	0.8	- 25.7	56.6	12.0	- 26.5
NSB170FT	10.4	22.9	7.8	2.08	4.4	9.7	3.3	0.9	28.7	63.3	14.4	31.8

All weights and volumes are for 12V-monobioc

DCN: SE3-544-16-02 DCR: 892-306 Date 02-08-06

Battery Information											
Battery Electrro	lyte Data —	12V Mono	blocs								
Battery Model	Total # of Battery Units Installed	Volume	Total Electrolyte Weight LBS/Unit	Acid By	Acid Volume/Unit Electrolyte Volume Per Unit		Total Acid Weight Total Electrolyte Weight	Total Electrolyte Volume/Units (GAL)	Total Units X Electrolyte Volume/Units	Total Sulphuric Weight = (LBS)	Total Units X Acid Weight/Unit
NSB-170-FT Northstar Battery Co. 417-575-8219	22	2.08 GAL	22.9 LBS	43.2% =	0.9 GAL/2.08 GAL	42.3% =	388 LBS/916 LBS	45.76 G Units : GAL/			= 22 Units x 7 LBS



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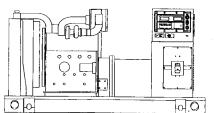
BALLERY DATA

S-EET NUMBER

UPON FURTHER REVIEW OF THE CFC 2007 608.1, WHICH STATES "STATIONARY STORAGE BATTERY SYSTEMS HAVING AN ELECTROLYTE CAPACITY OF MORE THAN 50 GALLONS (189 L) FOR FLOODED LEAD ACID, NICKEL OF MORE THAN 50 GALLONS (189 L) FOR FLOODED LEAD ACID, NICKEL CADMIUM (NI-CD) AND VALVE-REGULATED LEAD ACID (VRLA), OR 1,000 POUNDS (454 KG) FOR LITHIUM-ION, USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES, SHALL COMPLY WITH THIS SECTION AND TABLE 608.1." IT WAS DETERMINED THAT THE PROPOSED VERIZON EQUIPMENT SITE IS EXEMPT DUE TO THE TOTAL ELECTROLYTE VOLUME WHICH IS SPECIFIED IN THE BATTERY INFORMATION TABLE IS LESS THAN 50 GALLONS.

Liquid Cooled Diesel Engine Generator Sets

Standby Power Rating



DEERE 2.4 DTA ENGINE

YERIZON WIRELESS
30 KW Diesel Models:
04870 120/240 1 phase Open Unit
04811 120/240 1 phase Level II Enclosure
04870 120/283 3 phase Open Unit
04871 120/283 3 phase Level II Enclosed

FEATURES

SINGLE SOURCE SERVICE RESPONSE from Generac's dealer network provides parts and service increasing the entire unit, from the engine to the smallest electronic component. You are never on your own when you own an GENERAC POWER SYSTEM.



APPLICATION & ENGINEERING DATA

GENERATOR SPECIFICATIONS ENGINE SPECIFICATIONS TYPE Four-pole, revolving flek

PICTOR INSULATION	Class F
STATOR INSULATION	Class F
TOTAL HARMONIC DISTORTION	-5%
TELEPHONE INTERFERENCE FACTOR (TIF)	
ALTERNATORSelf-ventRated a	and drip-proof
BEARINGS (PRE-LUBED & SEALED)	1
COUPLING	Flexible Disc
LOAD CAPACITY (STANDBY)	100%
LOAD CAPACITY (PRIME)	110%
NOTE: Emergency loading in compilence with NFPA s 110, paragraph 5-13.2.8. Generator rating and perform accordance with ISO8528-6, BSS514, SAE J1349, ISOS DM6271 standards.	nance in
EXCITATION SYSTEM	
☐ DIRECT DC excitat	lon system 🗸

O DIRECT	
	Low-velocity brushes and sip rings ✓
O BRUSHLESS	
	Eight-pole exotter w/ baltery-driven floid boost /
	Mounted outboard of main bearing /
REGULATION	
	±1% regulation /

GENERATOR FEATURES

- Generator meets the temperature rise standards for class "F" insulation as defined by NEMA MG1-32.6, while the insulation system meets the requirements for the higher class "H" rating.
- All prototype models have passed a three-phase symmetrical short circuit test to assure system protection and reliability.
- All prototype models are tested for motor starting ability by measuring the instantaneous voltage dip with a waveform data acquisition system. All models utilize an advanced wire harness design for reliable interconnection within the circultry.

MAKE	
MODEL	4024TF2
ENGINE FAMILY First digit is Ca	ort. Yr. (l.e. 7, 8, 9) _JDXL02.44
CYLINDERS	4 in-
DISPLACEMENT	2,4 Liter (149 cu.
BORE	86 mm (3.39
STROKE	105 mm (4.13
COMPRESSION PATIO	
INTAKE AIR	Turbochara
NUMBER OF MAIN BEARINGS	
CONNECTING RODS	4-Drop forged si
CYLINDER HEAD	Cast iron w/ overhead va
PISTONS	
CRANKSHAFT	Forced St

	VALVE TRAIN		
	LIFTER TYPE		Solid
•		L	
•		IIAL	
		24	
	ENGINE GOVERNOR	÷	

© ELECTRONIC	andard
FREQUENCY REGULATION, NO-LOAD TO FULL LOAD	
STEADY STATE REGULATION	0.25%
LUBRICATION SYSTEM	

TYPE OF OIL PUMP	Gea
OIL FILTER	Fuli flow cartrido
CRANKCASE CAPACITY	7.5 qls
COOLING SYSTEM	
TYPE OF SYSTEM	Pressurized, closed recovery
WATER PUMP	
TYPE OF FAN	Pushe
MUNICIPAL OF CALL DI ARRO	

WATER PUMP	Pre-lubod soll-soaling
TYPE OF FAN	Pusher
NUMBER OF FAN BLADES	
DIAMETER OF FAN	
COOLANT HEATER	
FUEL SYSTEM	
FUEL	#2D Fuel (Min Celane #40)

FUEL SYSTEM	* * * * * * * * * * * * * * * * * * * *
FUEL	#2D Fuel (Min Celane #40)
	(Fuel should conform to ASTM Spec.)
FUEL FILTER	10 Micron
FUEL INJECTION PUMP	Bosch (VE)
FUEL PUMP	Engine Driven Gear Type
INJECTORS	Pintel Type, 2100 PSI
ENGINE TYPE	Pre-combistion, swirl chamber
FUEL LINE (Supply)	
FUEL RETURN LINE	3.17 mm (0.125 in.)
	,

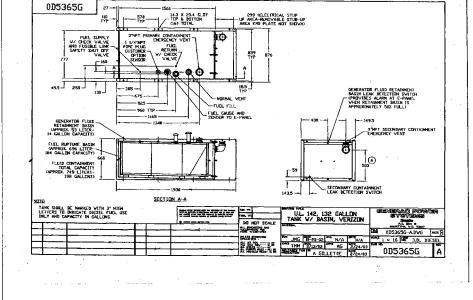
Reference is self-verificated and disp-proof constructed

Firstly file seads protective systems, floating filed circuit and thermal overtical protection and optional main-line certail breafers capable of heroing full cologic acquisition for the control of the cological protection and prote

Rating definition - Sturety: Applicable for supplying emergency private for the duration of the utility power ratings. No overload capability is equilable for this rating. (At nating in accordance with 850014, SIGDENS and DNRSTT). From EURelands Resembly Times (Project Control Studies) and the Control Studies (Project Control Studies) and the C

GENERAC'

OPERATING DATA PRIME S0030 Rated AMP 104 87 Fuel pump lift COOLING Coolant capacity 11.2 (3.0) 2.5 (0.7) 8.5 (2.3) 96,000 130 (4,600) 60 (140) 48.9 (120) 11.2 (3.0) 2.6 (0.7) 8.6 (2.3) 120,000 130 (4,600) 60 (140) 48.9 (120) COMBUSTION AIR REQUIREMENTS
Flow at railed power 60 Hz - cfm 109 EXHAUST
Exhaust flow at rated output60 Hz - tri*/min. (cfm)
Max recommended back pressure
Ptg
Exhaust temporature 50 Hz (full load) C ("F)
Exhaust outlet size 8.9 (316) 1.5 549 (1100) 3.0° O,O. 7.2 (253) 1.5 510 (1010) 3.0° O.D. 1800 39 378 (1239) 118





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GENERATOR SPECS

STANDARD ENGINE & SAFETY FEATURES

- Guard (CSA Company)

 A Guarding

 ical Grade Muffler (Shipped Loose With Open Unit)

 ital Grade Muffler (Shipped Loose With Open Unit)

 ital Tropicalization

 Fessists Molitary, Furgus and Abrealves

 In Addition to Standard Class H Epoxy Impregnals

 stized Alternator for Increased Motor Starting

 ropylene Glycol 50/50 Mix Antifereers

- Manure Circuit Preaker
 200 Amp & 100 Amp 120/240 Single Phase
 200 Amp & 50 Amp 120/208 Three Phase
 | Floxible Fuel Lines
 | Fuel Pressure Loss Protection System
 | Floxible Fuel Lines | Fuel Pressure Loss Protection System
 | Fuel Pressure Loss Protection System
 | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Protection System | Fuel Pressure Loss Pressure Loss Protection System | Fuel Pressure Loss Pre

LILL SIDE VIEW (LEVEL 1) ENCLISURE)

- Law cozers aveNo in sub position (flashing light)
- Esticate operaNo in sub position (flashing light)
- Esticate operaNo in MERNAL FUNCTIONS
- If flashing is alternate protection from the lo material and like to fine about clause.
- Emergency sop
- Programmable and corant function
- 2 wise start for any source audion
- Commission with the General ISI Scrader powhol
- Build but 7 day execution
- Build but 7 day execution
- Residency for transfer commission
- Residency for transfer commission
- Commission and Scrader source
- Residency for transfer commission
- Commission day of the Residency of the Resi

H-CONTROL PANEL FEATURES

TWO FOUR INE LOD DSPLWS R-COM
- Videge (all phases)

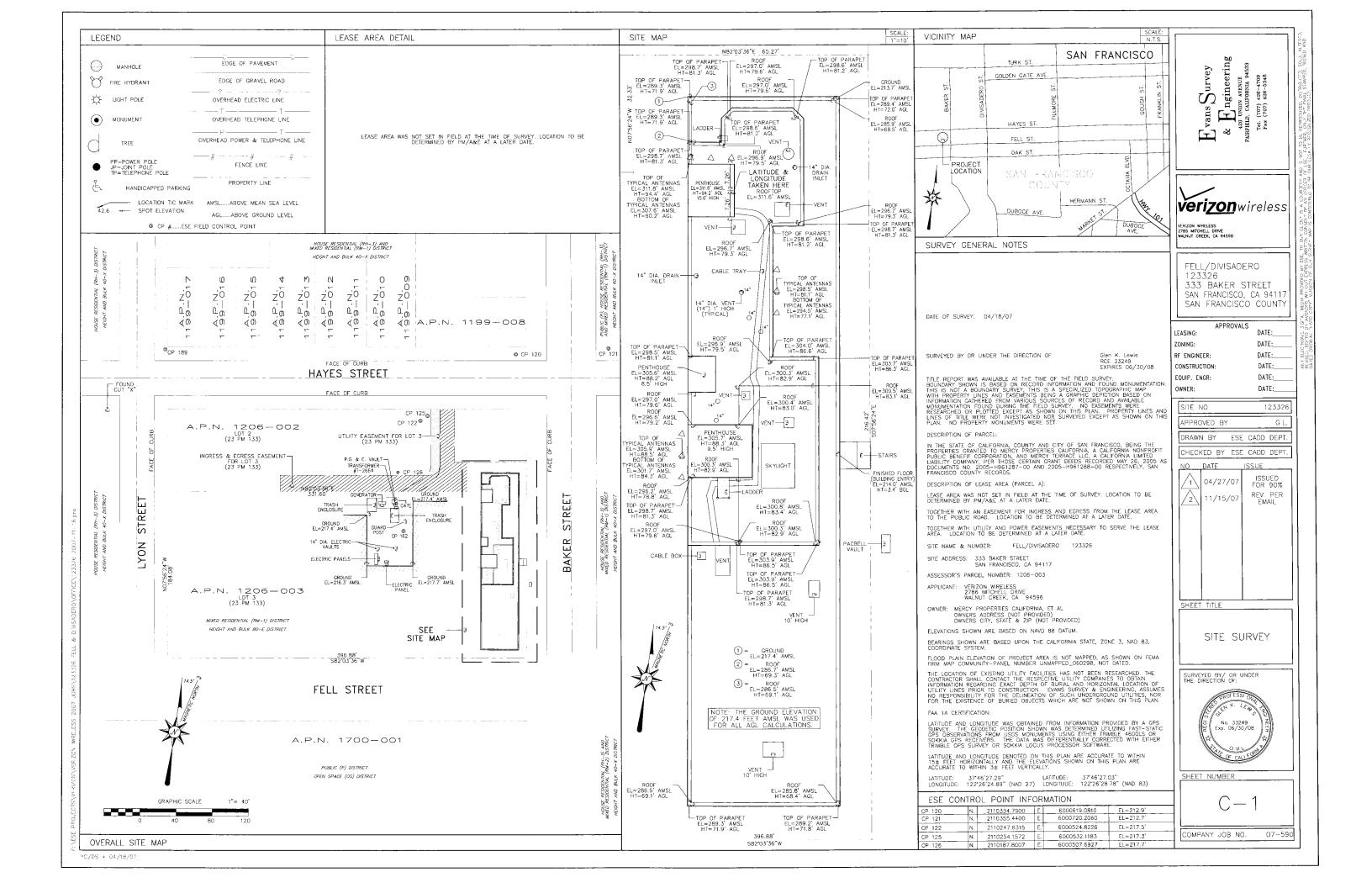
- Videge (all

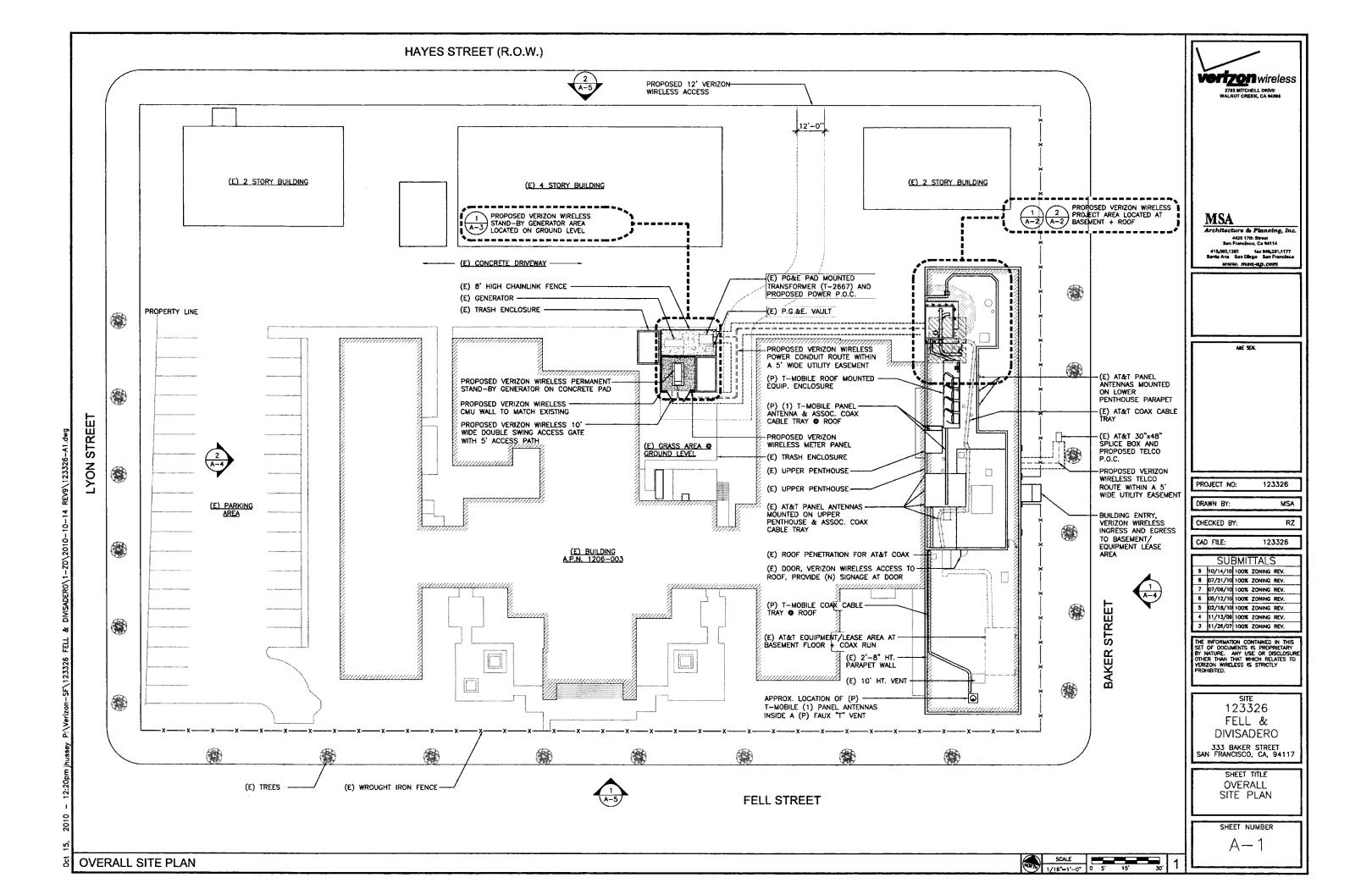
GENERAC

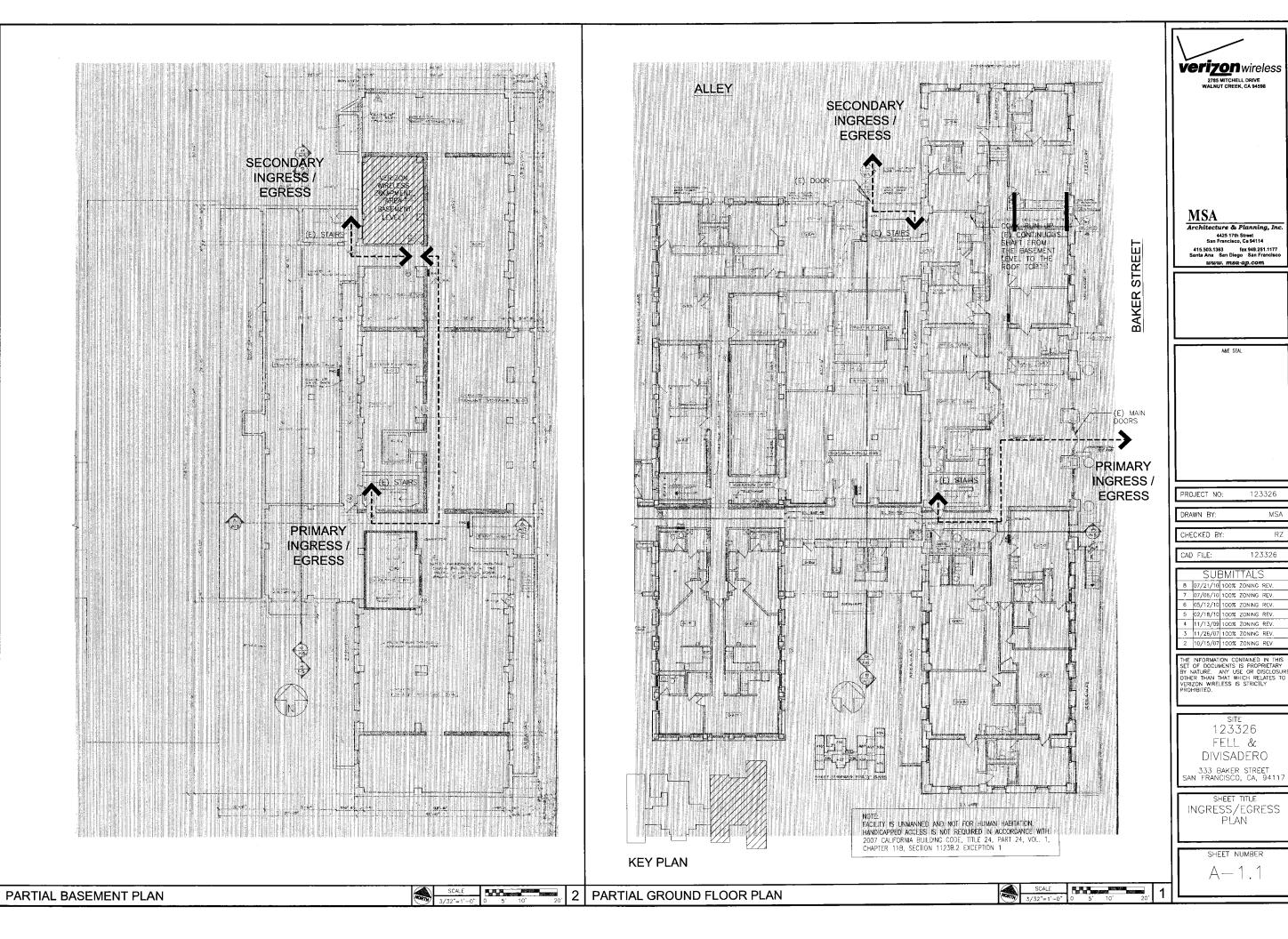
Generac Power Systems, Inc. - \$45 W29290 IRWY 59, Waskesha, WI 53189 - generac.com
cotton General Power Systems, Inc. Angelor record, All applications are subject to change without makes, Bankin 17705/05/97/frident in U.S.A. 6669, rac 0529

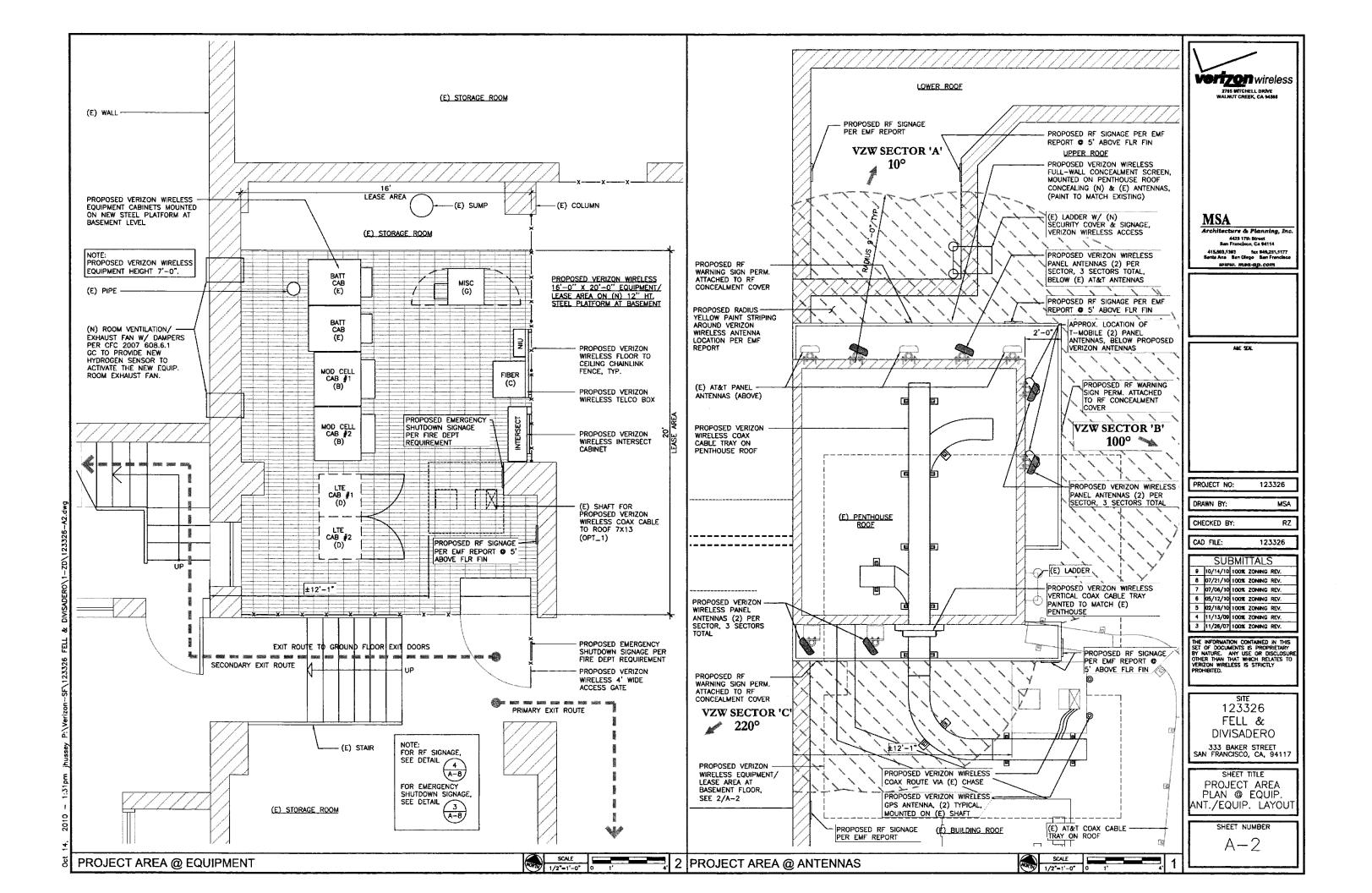
GENERATOR SPECS.

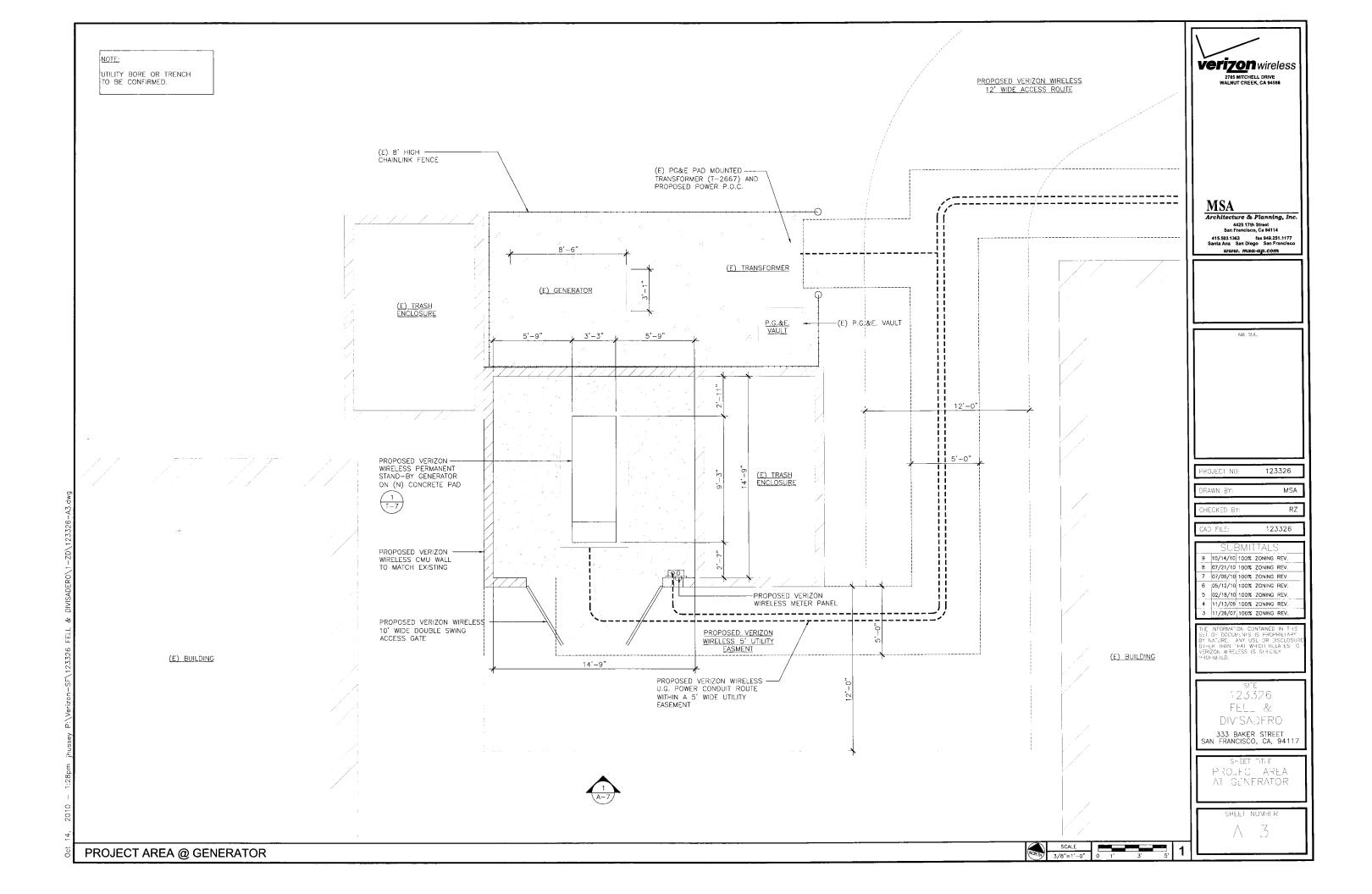
SCALE

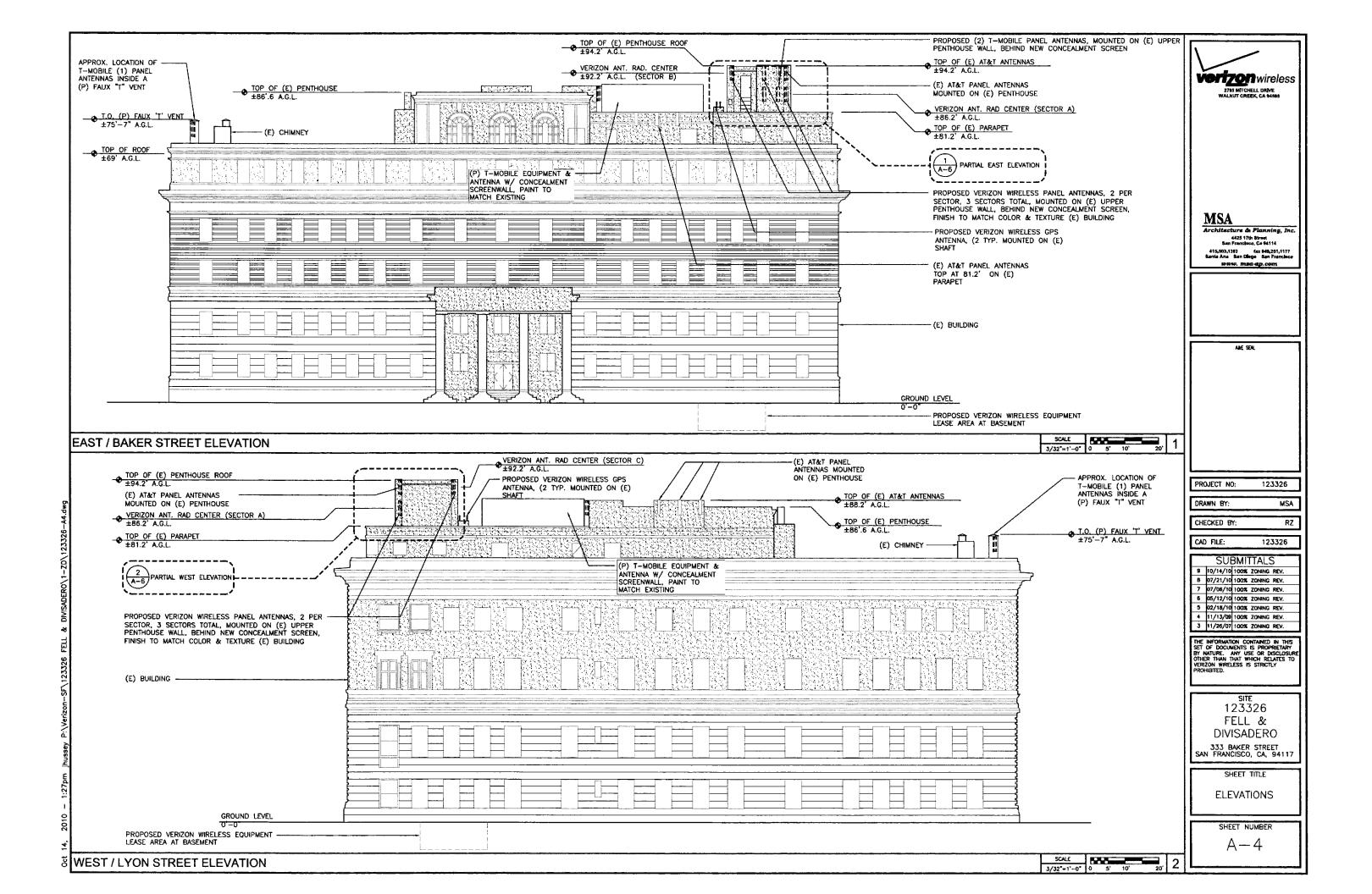


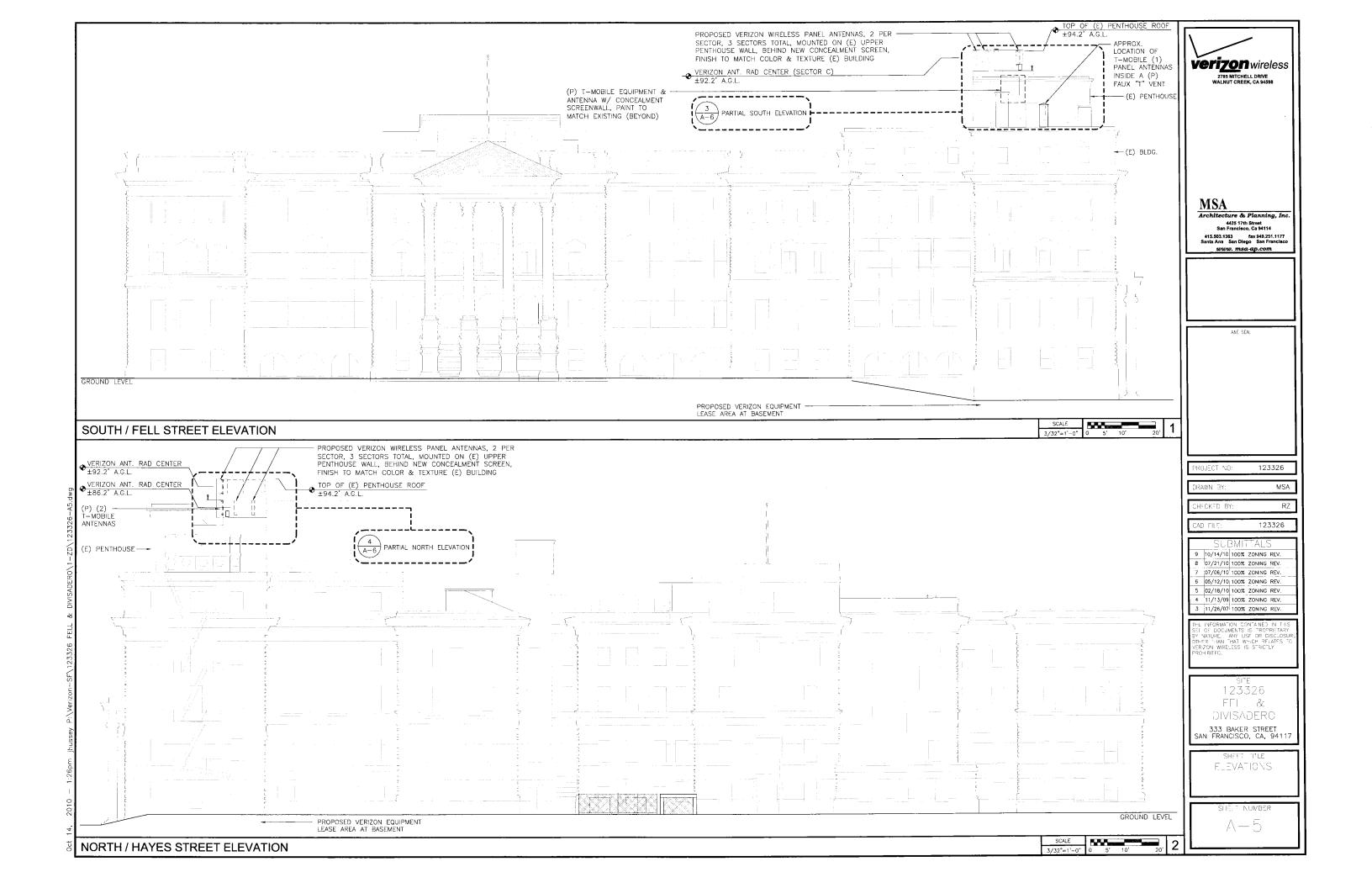


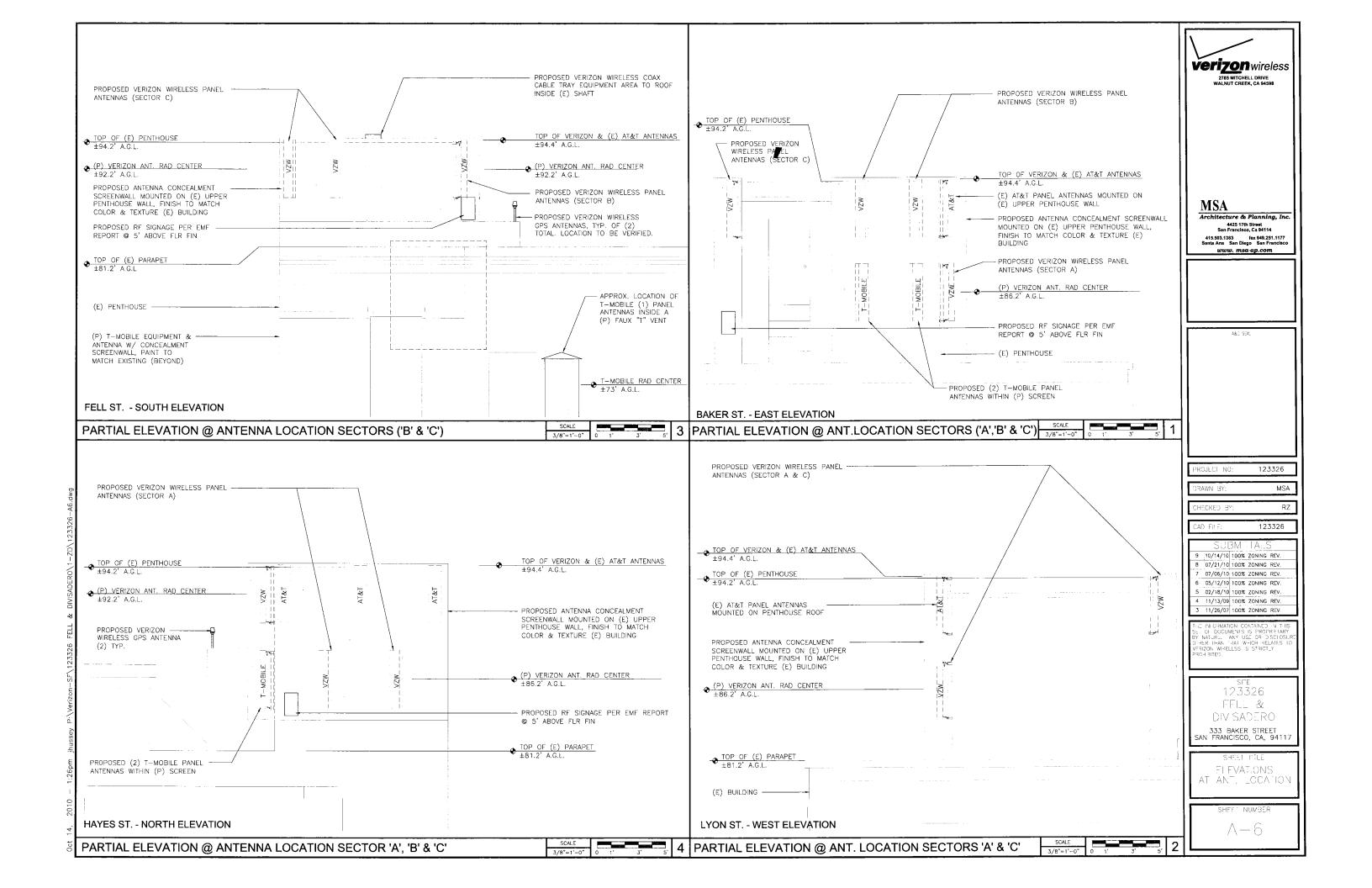


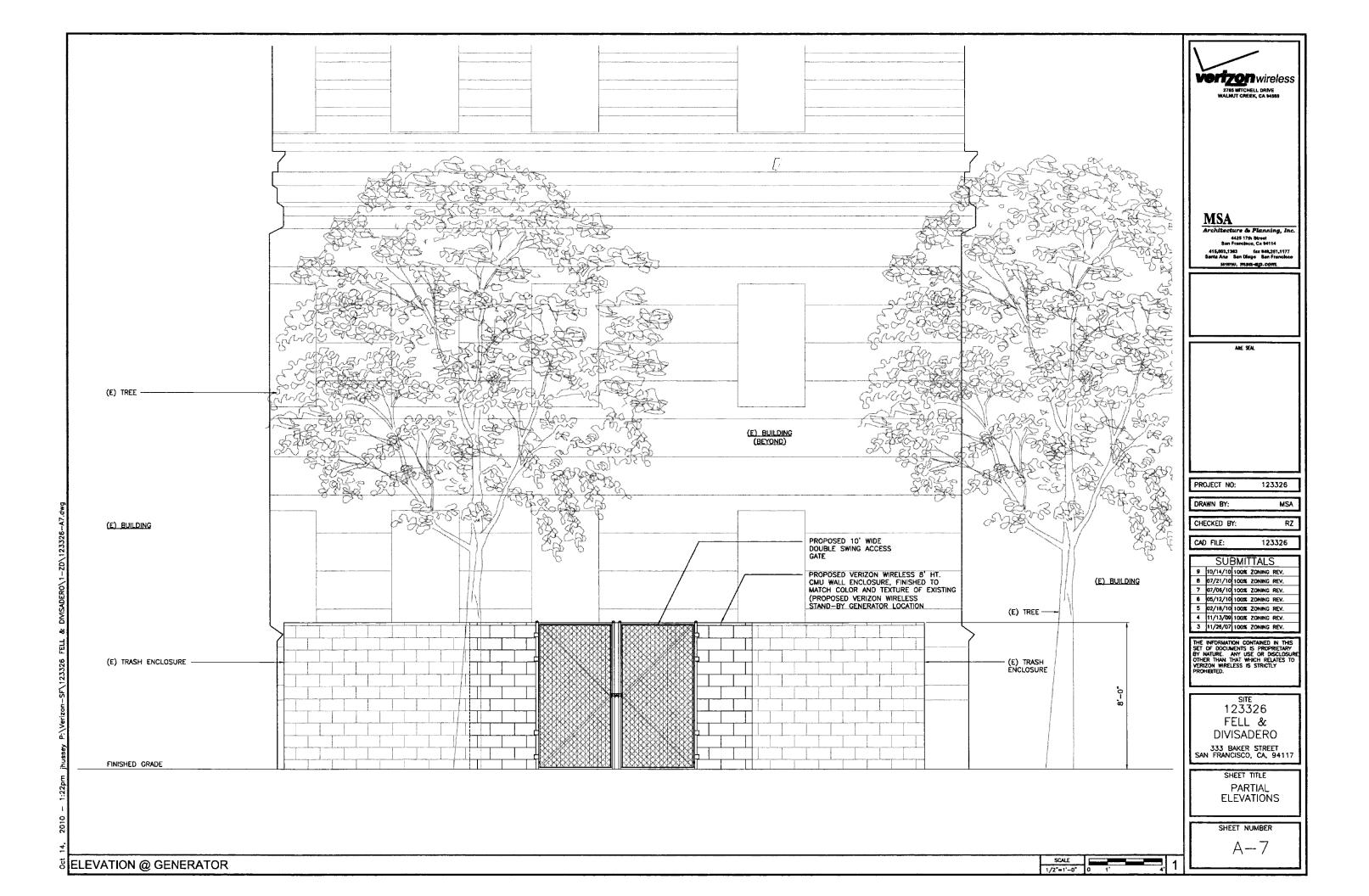


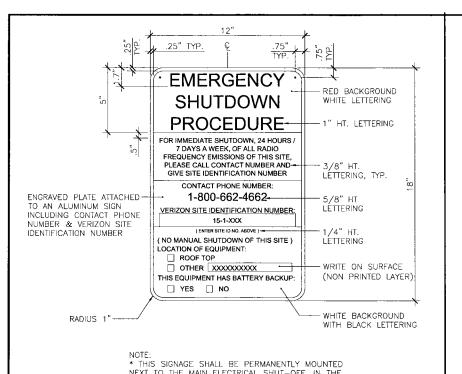












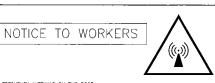
NEXT TO THE MAIN ELECTRICAL SHUT-OFF, IN THE FCC ROOM WITHIN CLOSE PROXIMITY TO THE FIRE ALARM PANEL AT THE EQUIPMENT ROOM.

* THE SIGN SHALL BE LABELED IN A PHENOLIC LABEL WITH A WHITE BACKGROUND AND BLACK LETTERING. TITLE BLOCK SHALL BE A RED BACKGROUND AND 1" HIGH WHITE LETTERING.

EMERGENCY SHUTDOWN SIGNAGE

SCALE NOT TO SCALE

DETAIL



RADIO FREQUENCY ANTENNAS ON THIS ROOF.
PLEASE EXERCISE CAUTION AROUND ANTENNAS AND OBEY
POSTED SIGNS AND/OR MARKINGS. FOR ACCESS TO
RESTRICTED AREAS OF FOR PUEHTHER INFORMATION,
PLEASE CALL 1-888-662-4662

IN ACCORDANCE WITH FCC RULES 47 CFR 1,1310

AVISO A TRABAJADORES

EXISTEN ANTENAS DE RADIOFREQUENCIA EN ESTE TECHO, POR FAVOR USE PRECAUCION ALREDOR DE LAS ANTENAS Y OBECDEZCA A LAS ZOMAS RESTRINGIOS O PARA OBIENNER MAS INFORMACION, LLAME AL TELEFONO 1-888-662-4862

DE ACUERDO A LAS REGLAS DE FCC 47 CFR 1.130

工作人員注意

此歷字房顶有射频天鍊装置 在天嫁範圍四周務請小心,並遵照各己張貼之指示 及/威操銀行事 加嵩進入祭歷範圍或意取更多資料 請数章1-888-662-4662

依據FCC 條何第47 CFR1.1310 . 款執行

WARNING SIGN TO BE MOUNTED AT ANTENNAS & EQUIPMENT LOCATIONS

SIGN SHALL COMPLY WITH ANSI C95.2-1999 COLOR, SYMBOL, AND CONTENT CONVENTIONS.

-SIGNAGE SHALL BE CLEARLY LABELED IN A PHENOLIC LABEL WITH A WHITE BACKGROUND AND BLACK LETTERING, AND SHALL BE READABLE FROM AT LEAST (15) FEET FROM THE SIGN.

PROPOSED 12"x20" PLASTIC

MISSA ALE D -REMOVABLE FRP-RF TRANSPARENT ANTENNA CONCEALMENT SCREEN, PAINT & TEXTURE MATCH (E) (E) PENTHOUSE WALL -PANEL ANTENNA, MAKE & SIZE PER PLAN NOTE: PRODUCT AND INSTALLATION TO BE DETERMINED PER PRODUCT ANTENNA SPECIFICATIONS, VENDOR SEE 2/A-8 SCALE

1850-1990 18/13.9 Polarization
Nominal Impedance (D)
VSWR
Horizontal beam width, -3 dB (*)
Vertical beam width, -3 dB (*)

P65-15-XLH-RR Dual Broadband Antennas

Power handling, everage total (W) 4 X 7/16 DIN Female Corinector position Olimensions, HxWxD, in (mm) Bottom 51' x 12" x6' (1295 x 305 x 152) Pre-mounted Till Brackets 41 (19) 20 (14) 620 100 (45) 150 (67) Olimansions, HXMAD, in (mm)
Mounting
Weight, with brackets, ibs (kg)
Weight, without brackets, ibs (kg)
Survival wind speed, mph (m/s) 7256.00, 7454.00, 2210.00

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5 02/18/10 100% ZONING REV. 11/13/09 100% ZONING REV

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DETAILS

SHEET NUMBER A-8

20 (11) 920 100 (45) 150 (67) DG Ground PVC 58* x 16* x 10* (1475 x 400 x 255)

P65-15-XL-R Very Low Broadband Antennas

PRELIMINARY

RF WARNING SIGNAGE SCALE

ANTENNA SPECIFICATIONS

Weight, without braceaer, use touy
Whol lost, knotedatesileaer also 62 en's Cel+10 (N
Meximum öperational wind speed, mph (m/e
Survival whol speed, mph (m/e)
Lubkining protection
Radome material
Packet size, HkWkD, in (min)

SCALE

NOT TO SCALE