



TOWN OF LOS GATOS
PLANNING COMMISSION STAFF REPORT
Meeting Date: August 22, 2012

ITEM NO: 2
CONSENT

PREPARED BY: Marni F. Moseley, AICP, Associate Planner
mmoseley@losgatosca.gov

APPLICATION NO.: Conditional Use Permit Application U-12-005

LOCATION: 218 Kensington Way (located within the PG&E right of way between Los Gatos Almaden Road and Blossom Hill Road)

APPLICANT: Sprint

PROPERTY OWNER: PG&E

CONTACT PERSON: Kyra O'Malley

APPLICATION SUMMARY: Requesting approval to increase the size of the antennae for an existing wireless facility on property R-1:8. APN 527-48-029.

DEEMED COMPLETE: July 3, 2012
FINAL DATE TO TAKE ACTION: January 3, 2013

RECOMMENDATION: Approval

PROJECT DATA: General Plan Designation: Low Density Residential
Zoning Designation: R-1:8: Single Family Residential
Applicable Plans & Standards: Wireless Ordinance
Parcel Size: 1.89 acres
Surrounding Area:

	Existing Land Use	General Plan	Zoning
North	School	Public	R-1:8
East	Residential	City of San Jose	
South	Residential	Low Density Residential	R-1:8
West	Residential	Low Density Residential	R-1:8

CEQA: The project is Categorically Exempt according to Section 15303 of the State Environmental Guidelines as adopted by the Town because the project consists of a modification to an existing facility.

- FINDINGS:
- As required by Section 15303 of the State Environmental Guidelines as adopted by the Town that this project is Categorically Exempt.
 - As required by Section 29.20.190 of the Town Code for granting a Conditional Use Permit.
 - As required by Section 29.20.216 of the Town Code for granting approval of a telecommunications facility permit.

CONSIDERATIONS: None.

ACTION: The decision of the Planning Commission is final unless appealed within ten days.

- EXHIBITS:
1. Location Map (one page)
 2. Required Findings (one page)
 3. Recommended Conditions of Approval (two pages)
 4. Written Description/Letter of Justification (three pages)
 5. Photos of the site (two pages)
 6. Radio Frequency Analysis (14 pages)
 7. Telecommunication Consultant's Report, received July 3, 2012 (two pages)
 8. Coverage Maps (two pages)
 9. Development Plans, received July 27, 2012 (eight pages)

BACKGROUND:

The Federal Telecommunication Act of 1996 "preempts local governments from regulating the placement, construction, and modification of Personal Communications Services facilities on the basis of the environmental effects of radio frequency emissions, provided that facilities comply with applicable regulations regarding those emissions as promulgated by the Federal Communications Commission." Specifically, the Federal Telecommunication Act of 1996 regulates local decision making authority and limits this authority to two areas of local governance, aesthetics and location of wireless facilities.

The Town Council adopted a Telecommunications Ordinance and Standards for Wireless Telecommunications Facilities on June 16, 2003, to regulate the siting, design, modifications and maintenance of wireless telecommunications facilities.

The subject site is a PG&E public right of way for high tension wires and currently has several wireless carrier facilities approved by the Town. The proposed application would remove and replace the existing Sprint wireless equipment. The existing antennae would remain until the new equipment is in place. The existing antennae would be removed within six months.

PROJECT DESCRIPTION:

A. Project Proposal

The application is to replace the existing three CDMA antennas with three LTE antennas that will support Sprint's newest technology. The existing and proposed antennae are located 40 feet above grade on the 160 foot tall tower. A separate carrier has antennae located approximately 40 feet above the applicant's antennae (80 feet above grade). The new antennae are eight inches larger than the existing. The increase in size will not be noticeable considering the location/height of the antennae on the tower and the distance of the tower to the adjacent properties as shown in Exhibit 5.

B. Location and Surrounding Neighborhood

The project site is located at 218 Kensington Way, within a PG&E right of way for high tension lines. The property is adjacent to residential uses to the south, east, and west, and a private school to the north.

C. Zoning Compliance

While wireless telecommunications facilities are discouraged in residential zones, the application is to upgrade an existing facility without increasing the number of antennae. Telecommunication facilities are allowed in this zone with a Conditional Use Permit.

ANALYSIS:

A. Peer Review

The project was reviewed by the Town's Telecommunications Consultant (Exhibit 6). The consultant finds that the proposed project meets the Town standards and will provide additional coverage service to the Town.

B. Wireless Telecommunications Facilities Ordinance (WTFO)

The WTFO is intended to regulate land use of telecommunications facilities as permitted by the 1996 Federal Telecommunications Act. The ordinance is also intended to set siting, design, modifications, and maintenance criteria. The WTFO requires that the standards and guidelines established for wireless communications facilities promote eight goals. The ordinance does not require a project to meet each goal. However, the findings required for a Conditional Use Permit require that a project is in conformance with the Town Code. The subject application conforms to Town Code specifically through the following goals of the WTFO:

- *Ensure a telecommunications network that will serve an effective role in the Town's emergency response system and generally provide full service coverage for personal wireless telecommunications services.* The applicant submitted coverage maps illustrating existing and proposed coverage (Exhibit 8).
- *Require, to the greatest extent possible, cooperation between telecommunications providers in order to achieve co-location of facilities and to avoid construction of additional single-use towers.* The project proposes to upgrade the existing facility and is currently shared with other wireless providers.

General Requirements

Pursuant to the WTFO, all telecommunications antenna facilities and related equipment shall conform to the following eight general requirements. The requirements are italicized; staff comments follow the requirements.

1. *Compliance with the General Plan and any other adopted land use plan, policies and guidelines adopted by the Town of Los Gatos including, but not limited to, the requirements of the zoning regulations, Hillside Development Standards and Guidelines, and adopted specific plans.* The proposed project complies with applicable plans, standards, and policies as discussed within this report.
2. *Compliance with the California Environmental Quality Act.* The project is exempt from environmental review pursuant to 15303 because the project consists of a modification of an existing facility.
3. *Compliance with the requirements of any other governmental agency with jurisdiction over the installation of telecommunications facilities.* The Town's telecommunications consultant found that the proposed project meets the requirements of the Federal Communications Commission (Exhibit 7).
4. *Compliance with any applicable easements, restrictions or land use approvals restricting development on any given parcel.* No easements, restrictions, or land use approvals prohibit the proposed development on the subject property.
5. *Compliance with the radio frequency emission standards adopted by the Federal Communications Commission, which shall include any combined radiation levels produced by antennas located on the same parcel in addition to all antennas within a 100 foot distance of the proposed facility.* The applicant submitted a Radio Frequency Analysis illustrating compliance with FCC requirements (Exhibit 6). The Town's telecommunication's consultant found that the proposed project meets the requirements of the Federal Communications Commission (Exhibit 7).

6. *Compliance with the California Uniform Building Code and subject to the Town of Los Gatos building permit process.* The proposed project is subject to the California Uniform Building Code and will be required to obtain a building permit for the proposed work.
7. *The telecommunications facility shall be an accessory use, secondary to the primary use on the parcel. Exceptions to this requirement shall be made for any parcel that is designated as open space, is within a public utility, road or infrastructure easement, or is vacant but subject to future development to include a primary use.* The telecommunications facility is accessory to the primary use by the public utility.
8. *Any and all standards enacted by resolution pursuant to this article.* The project conforms to the SWTF as discussed below.

C. Standards for Wireless Telecommunications Facilities (SWTF)

Specific siting and design requirements are contained in the SWTF. The subject of location, development, and design standards are italicized; staff comments follow the subject areas.

Location Standards

1. *Location Preferences* - The SWTF contains a list of preferred sites in order of priority. The proposed project is proposed at the primary preferred location because it is utilizing an existing telecommunications facility location. Therefore, the project meets the location standards.
2. *Hillside Locations* - The project is not located in a hillside location. Therefore, this standard does not apply to the subject application.
3. *Minimum Distance* - The proposed project is to modify an existing wireless facility so this requirement does not apply to the subject application.

Development Standards

1. *Co-Location* - The application is to modify an existing colocation wireless facility.
2. *Signage* - The existing facility currently has signage complying with the requirements of the Federal Communications Commission.
3. *Structural Standards* - The means of attachment shall comply with California Uniform Building Code requirements.

4. *Screening and Landscaping* - No vegetation will be impacted by the proposed project. The equipment screening will be increased by one foot and will fully screen the proposed modifications.
5. *Height* – The new antennas will be located at the same height on the tower (40 feet) as the existing antennas.
6. *Setbacks* - The project does not consist of a ground mounted facility. Therefore, the subject application is not subject to this standard.
7. *Public Right-of-Way* - No part of the facility will be located within the public right-of-way.

Design Standards

1. *Stealth Design* – The new antennae will be painted to blend with the PG&E tower.
2. *Co-location* – The application is to modify an existing wireless facility which is already co-located with another carrier.
3. *Colors and Materials* – The new antenna will be painted to blend with the PG&E tower.
4. *Scale and Architecture Integration* - The proposed project will have a similar appearance to the existing condition.
5. *Equipment Shelters* - The replacement equipment will be located within an existing enclosed equipment shelter.
6. *Rooftop and Façade Mounted Structures* - The project does not consist of a building mounted facility. Therefore, the subject application is not subject to this standard
7. *Lighting* – No lighting is proposed.

D. General Plan

There are no General Plan goals or policies that directly reference telecommunications facilities. However, the Wireless Telecommunications Facilities Ordinance and Standards for Wireless Telecommunications Facilities that were adopted by the Town Council were determined to be consistent with the General Plan. Therefore, projects substantially consistent with the Wireless Telecommunications Facilities Ordinance and Standards for Wireless Telecommunications Facilities are, by reference, consistent with the General Plan.

E. Environmental Review

The project is Categorically Exempt according to Section 15303 Class 3 of CEQA as adopted by the Town, which exempts permitting modification to an existing facility.

F. Telecommunications Facility Permit Findings

In addition to the findings required by Town Code Section 29.20.190 for granting a Conditional Use Permit, the deciding body must find that an application substantially complies with the WTFO and related standards. The proposed project complies with the WTFO and related standards as discussed within this report.

G. Conditional Use Permit Findings

In order to grant approval of a Conditional Use Permit, the hearing body must make the following findings:

- (1) The proposed uses of the property are essential or desirable to the public convenience or welfare; and
- (2) The proposed uses will not impair the integrity and character of the zone; and
- (3) The proposed uses would not be detrimental to public health, safety or general welfare; and
- (4) The proposed uses of the property are in harmony with the various elements or objectives of the General Plan and the purposes of the Town Code.

In regards to finding one, the use will contribute to the goal of providing full telecommunication service coverage to the area. In regards to the second finding, the use will not impair the integrity of the zone since the use is existing and the number of antennae will not be increased. In regards to finding three, the use will not be detrimental to public health safety or general welfare because the use will comply with all Federal Communications Commission regarding radio frequency emissions and signage requirements. In regards to the final finding, the proposed use meets the objectives of the General Plan and Town Code as discussed within this report.

PUBLIC COMMENTS:

The Town has received no public comment at this time.

CONCLUSION AND RECOMMENDATION:

A. Conclusion:

The project complies with the applicable standards and the intent of the Standards for Wireless Telecommunications Facilities. The project meets the goals of the Wireless Telecommunications Facility Ordinance, specifically co-locating and providing full coverage.

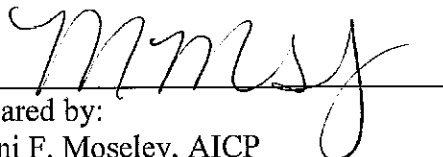
B. Recommendation:

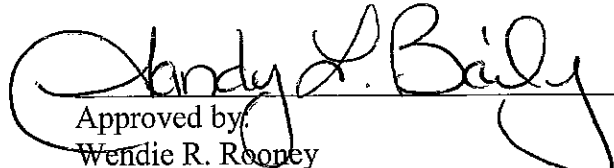
Staff recommends approval of the Conditional Use Permit subject to the recommended conditions of approval. If the Planning Commission finds merit with the proposal, it should:

1. Find that the proposed project is categorically exempt, pursuant to Section 15303 of the California Environmental Quality Act as adopted by the Town (Exhibit 2); and
2. Make the required findings as required by Section 29.20.190 of the Town Code for granting approval of a Conditional Use Permit (Exhibit 2); and
3. Make the required findings as required by Section 29.20.216 of the Town Code for granting approval of a wireless telecommunications facility (Exhibit 2); and
4. Approve Conditional Use Permit application U-12-005 with the conditions contained in Exhibit 3.

If the Commission has concerns with the application, it can:

1. Approve the application with additional and/or modified conditions of approval, or
2. Recommend denial of the application.

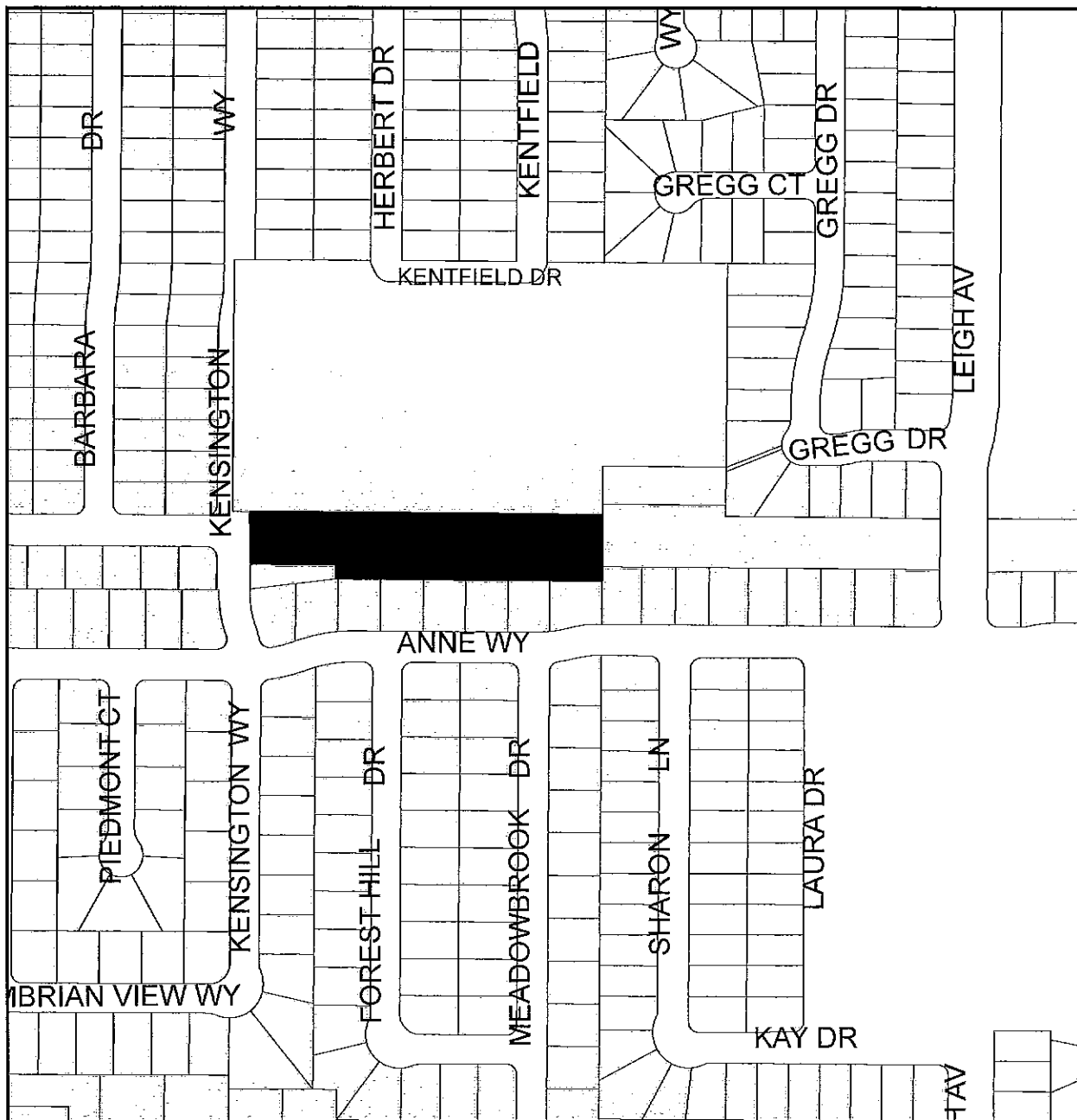

Prepared by:
Marni F. Moseley, AICP
Associate Planner


Approved by:
Wendie R. Rooney
Director of Community Development

WRR:MM:cgt

cc: PG&E, attn.: Maya Herr-Anderson, 245 Market St, San Francisco CA 94105
Modus Inc, attn.: Kyra O'Malley, 115 Sansome St. 14th Floor, San Francisco CA 94104

218 Kensington Way



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REQUIRED FINDINGS FOR:

August 22, 2012

218 Kensington Way

Conditional Use Permit U-12-005

Requesting approval to modify an existing wireless telecommunication facility and replace three existing antennae on property zoned R-1:8. APN 527-48-029

PROPERTY OWNER: PG&E

APPLICANT: Sprint

FINDINGS

Required finding for CEQA:

- The project is Categorically Exempt pursuant to Section 15303 of the State Environmental Guidelines as adopted by the Town in that the project consists of a modification to an existing facility.

Required findings for a Conditional Use Permit:

- As required by Section 29.20.190 of the Town Code for granting a Conditional Use Permit:

The deciding body, on the basis of the evidence submitted at the hearing, may grant a conditional use permit when specifically authorized by the provisions of the Town Code if it finds that:

- (1) The proposed uses of the property are essential or desirable to the public convenience or welfare in that the use will contribute to the goal of providing full telecommunication service coverage to the area; and
- (2) The proposed uses will not impair the integrity and character of the zone in that the use will not impair the integrity of the zone since the use is a commercial use and will be located in a commercial zone; and
- (3) The proposed uses would not be detrimental to public health, safety or general welfare in that the use will comply with all Federal Communications Commission regarding radio frequency emissions and signage requirements; and
- (4) The proposed uses of the property are in harmony with the various elements or objectives of the General Plan and the purposes of the Town Code in that the proposed use meets the objectives of the General Plan and Town Code.

Required finding for Wireless Telecommunications Facilities:

- As required by Section 29.20.216 of the Town Code for granting approval of a wireless telecommunications facility that the application substantially complies with the provisions of this article and related standards enacted by resolution, as discussed within the staff report.

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RECOMMENDED CONDITIONS OF APPROVAL – August 22, 2012

218 Kensington Way

Conditional Use Permit U-12-005

Requesting approval to modify an existing wireless telecommunication facility and replace three existing antennae on property zoned R-1:8. APN 527-48-029

PROPERTY OWNER: PG&E

APPLICANT: Sprint

TO THE SATISFACTION OF THE DIRECTOR OF COMMUNITY DEVELOPMENT:

Planning Division

1. **APPROVAL:** This application shall be completed in accordance with all of the conditions of approval listed below and in substantial compliance with the approved development plans. Any changes or modifications to the approved plans shall be approved by the Community Development Director, the Development Review Committee, the Planning Commission, or Town Council, depending on the scope of the changes.
2. **EXPIRATION:** The approval will expire two years from the approval date pursuant to Section 29.20.218 of the Town Code, unless the approval has been vested.
3. **RF EMISSIONS MONITORING:** A bi-annual, RF exposure report is required. This report shall be prepared by a Food and Drug Administration certified professional and submitted to the Community Development Department to ensure that no modifications to the site, surrounding environment, or equipment wear and tear have caused an increase in RF exposure over the period after initiation of use of the facility. In the event an increase over accepted levels is detected, the equipment shall be immediately taken out of service and the applicant shall be responsible for immediately making all necessary adjustments to comply with Federal Communications Commission guidelines, otherwise, revocation hearings will commence.
4. **RF EMISSION REPORT:** An updated RF emission report shall be submitted to the Town of Los Gatos every five years as part of the renewal of this permit.
5. **COST FOR REMOVAL AND DISPOSAL:** The Town shall set the form and amount of security that represents the cost for removal and disposal of abandoned wireless telecommunications facilities in the event that these facilities are abandoned and the facility owner is incapable and/or unwilling to remove them. The form and amount shall be submitted prior to the issuance of building permits.
6. **PROOF OF INSURANCE:** The applicant shall submit proof of adequate insurance covering accident or damage caused by any elements of the approved wireless telecommunication facility, prior to issuance of building permits.
7. **LAPSE IN USE:** If antennas are not used for a continuous six month period, they shall be removed from the building by the property owner and/or the applicant.
8. **TECHNOLOGY UPGRADES:** If technology improves, the antennas shall be made smaller and shall immediately replace larger units. Prior to the replacement, the Community Development Department must approve the change and all required permits must be obtained.
9. **COMPLIANCE WITH AGENCY REGULATIONS:** The construction and operation of the approved use shall comply at all times with the regulations of this or any other governmental agencies.

10. COMPLIANCE WITH FCC AND CPUC REGULATIONS: The continued use of this conditional use permit shall be subject to the current and future regulations of the Federal Communications Commission and the California Public Utilities Commission.
11. TELECOMMUNICATIONS FACILITY MAINTENANCE: The normal maintenance of the equipment and antennas shall be performed between 8 a.m. and 8 p.m. Maintenance outside of these hours shall only occur in the event of an emergency.
12. TOWN INDEMNITY: Applicants are notified that Town Code Section 1.10.115 requires that any applicant who receives a permit or entitlement from the Town shall defend, indemnify, and hold harmless the Town and its officials in any action brought by a third party to overturn, set aside, or void the permit or entitlement. This requirement is a condition of approval of all such permits and entitlements whether or not expressly set forth in the approval, and may be secured to the satisfaction of the Town Attorney.

Sprint: SF33XC136- Almaden –PG&E Tower
196 Kensington Way @ Howes Place
APN: 527-48-029

Letter of Justification

This site was approved by the Town of Los Gatos Planning Commission in 2000 (U-00-9) for 3 antennas on existing lattice tower.

The proposed project involves a Sprint wireless telecommunication modification to the approved Conditional Use permit: swapping (3) existing Sprint panel antennas with (3) new antennas mounted to existing PG&E Tower; replacing (3) equipment cabinets with (2) equipment cabinets within an existing equipment shelter within existing tower footprint.

This property was chosen as the most viable candidate in the search area based on land-use compatibility, zoning, and aesthetics. As an upgrade for Sprint, the proposed antennas will provide better capacity, faster data speed and coverage for the community. The site is an existing PG& E right- of – way for high voltage lines with low density residential surrounding the existing lattice tower.

The proposed modification will not impair the character of the zone (low residential) in that the antennas will be painted to match the existing PG&E tower color as what was conditioned in 2000. In addition, the modification will not be detrimental to public health, safety and general welfare to the community because the antennas and equipment are in compliance with the FCC standards. As part of the application, an EMF compliance report was submitted. Lastly, the proposed modification is in harmony with the various elements or objectives of the general plan, zoning chapter of the town code, and wireless telecommunication ordinance.

Project Description:

Sprint proposes to modify an existing unmanned wireless telecommunications facility on an existing PG&E Lattice Tower.

Antennas:

(3) Existing panel antennas to be removed and replaced with (3) new panel antennas. New panel antennas to be mounted to a new 3 foot wide H-Frame to be mounted to existing lattice tower (1 per sector). (6) New RRU units to be mounted behind new panel antennas (2 per sector). Project to be completed in two phases with a total build time of 2-6 months. New antenna transmission lines to be run from equipment cabinet to antennas.

Phase 1:

- The installation of (3) new H-frame mounts (1 per sector)
- The installation of (3) new 800/1900 MHz antennas
- The installation of (6) RRU's (2 per 800/1900 MHZ antenna) mounted below the antennas.
- The relocation of (3) existing legacy panel antennas (1 per sector) to remain for up to 6 months

Phase 2:

- The removal of (3) existing legacy panel antennas (1 per sector)

Equipment:

(3) Existing equipment cabinets to be removed and replaced with (2) new equipment cabinets within existing lease area.

Phase 1:

- (1) New equipment cabinet to be installed.

Phase 2:

- (3) Existing equipment cabinets to be removed
- (1) New equipment cabinet to be installed

Dimensions of proposed antennas and base station:

Antennas (3 proposed panel antennas mounted 3-foot wide H-frames on legs of existing PG&E Lattice Tower):
800/1900 MHz-72.0" x 12" x 5.9"

Equipment (inside existing equipment shelter within tower footprint):

(3) proposed equipment cabinets- similar dimensions as the existing cabinets with 1 foot separation.

Power Supply for proposed base station:

The power supplied via existing equipment room in existing penthouse roof. The power will remain the existing 200 AMPs.

Technology:

Sprint is looking to upgrade their wireless telecommunications facilities from the current technology to 4G to provide better capacity, faster data-speed and better coverage for the community in the Town of Los Gatos. This requires the existing antennas and equipment cabinets to be removed and replaced within existing lease area.

CDMA is the old and current technology on the lattice tower.

196 Kensington Way @ Howes Drive
Sprint #: SF33XC136- Almaden- PG&E

LTE is a 4G technology that offers:

Significantly higher throughput (from .5 - 1mbps to 5 - 12mbps) resulting in faster streaming, downloads, web surfing.

Greater data capacity for all users

Enables new phone features like mobile to mobile video conferencing, and online gaming.

Additional capacity will mean fewer dropped calls, fewer instances of not being able to dial out of congested sites, higher data speeds.

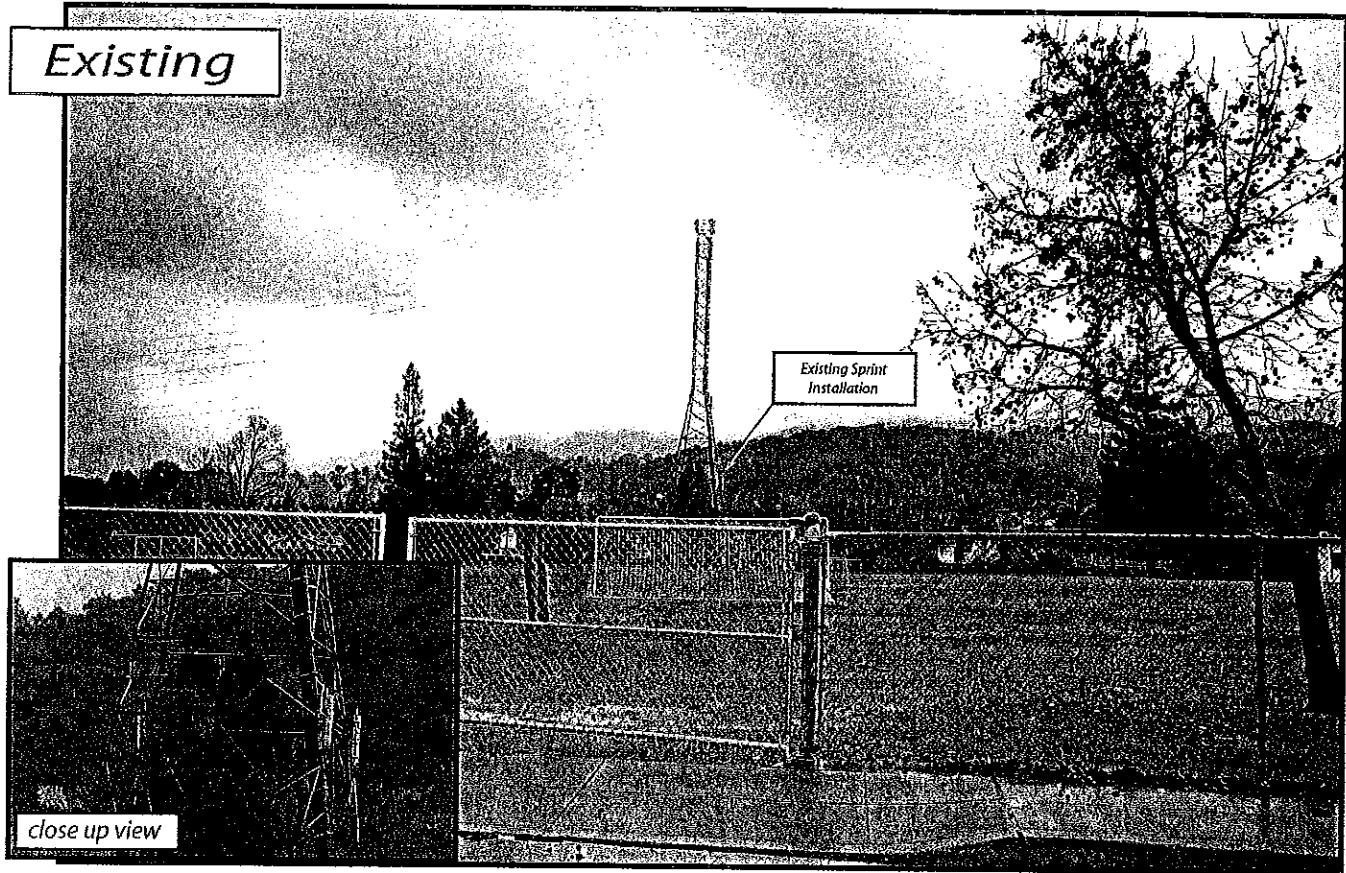
Additional 800 frequencies will result in greater in-building coverage

The primary difference will be is an increase in data speed, and better in-building coverage.

The coverage area does not change with the new 4G technology. So the existing coverage area is the same as the new coverage area. Coverage remains constant, but capacity increases significantly with the new frequency with the new technology.

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Existing



Proposed



view from Kentfield Drive looking south at site

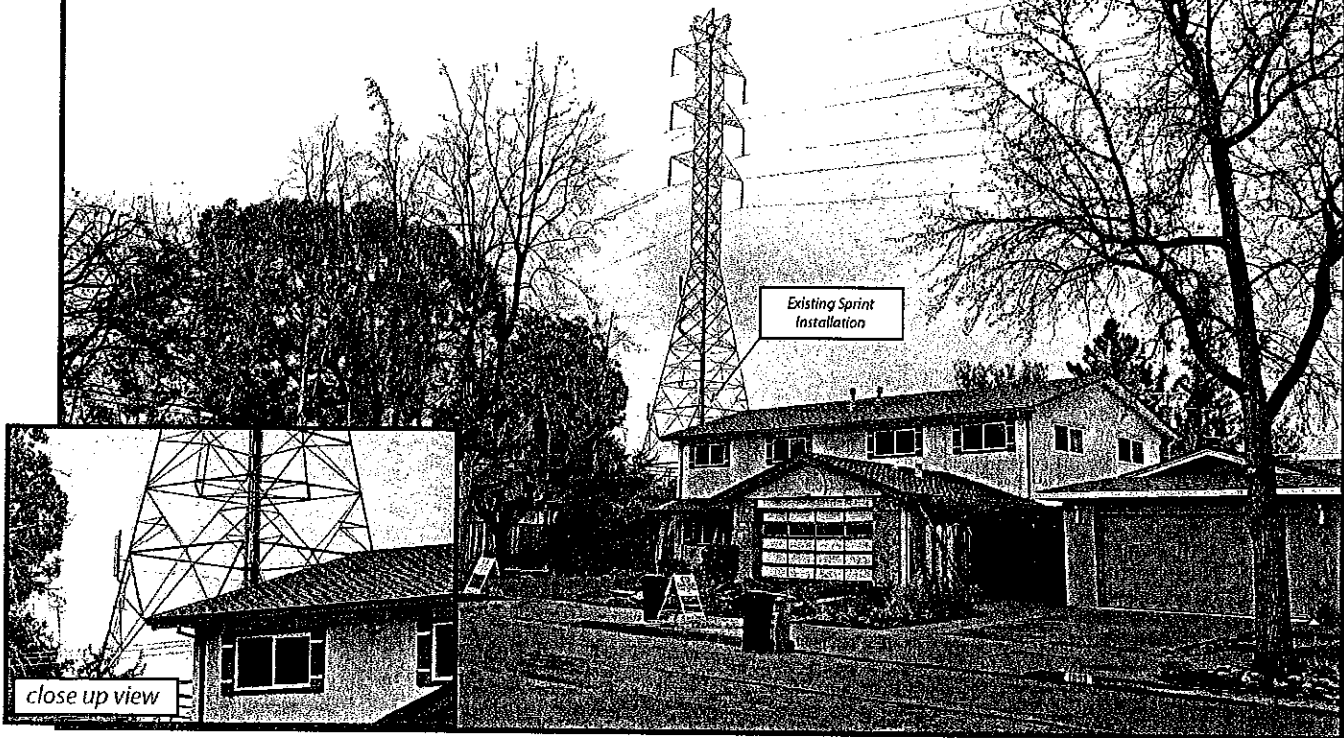
AdvanceSim
Photo Simulation Solutions
Contact (925) 202-8507

Sprint

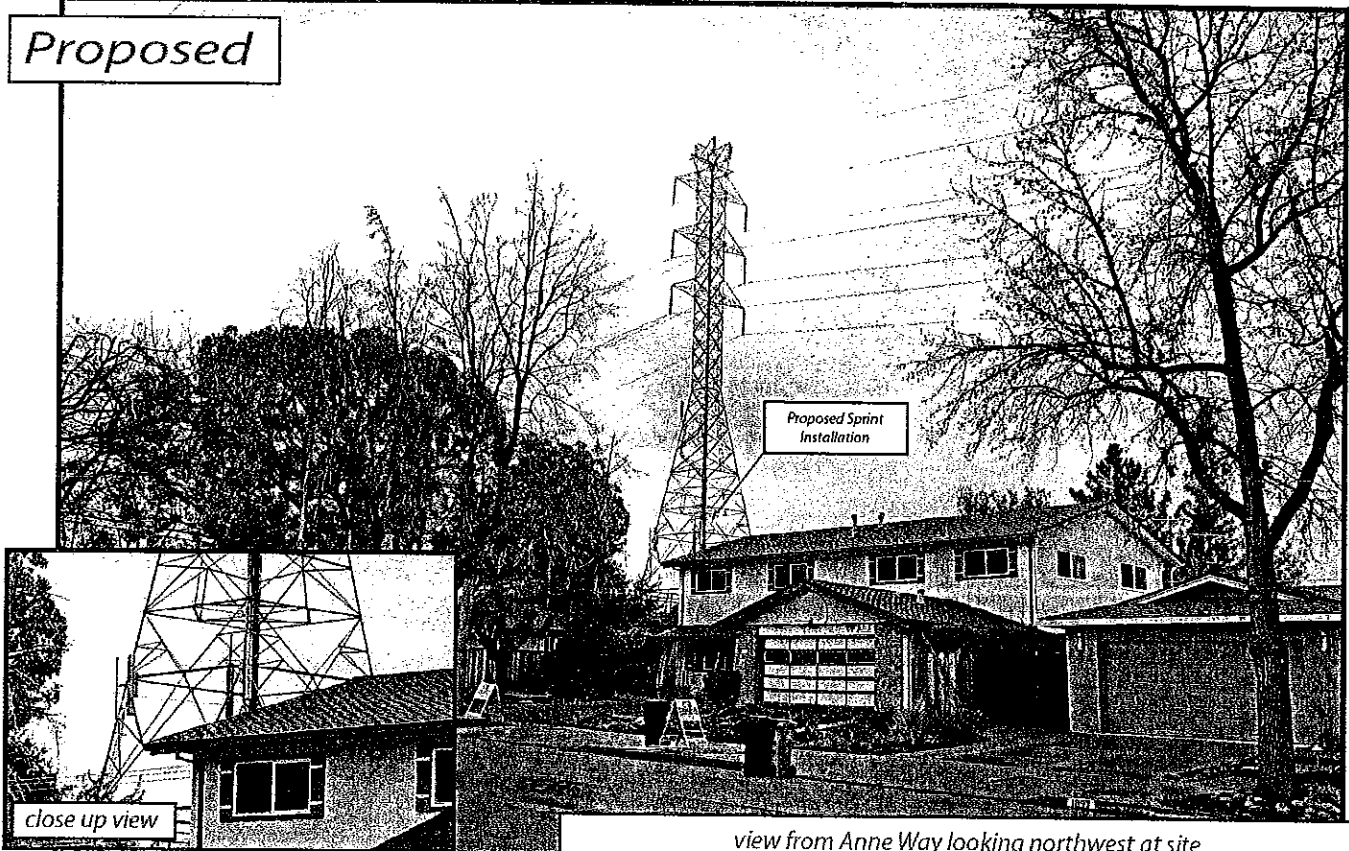
SF33XC136 Almaden
Leigh Avenue Between Hershner and Anne Way, San Jose, CA

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Existing



Proposed



view from Anne Way looking northwest at site

AdvanceSim
Photo Simulation Solutions
Contact (925) 262-8507

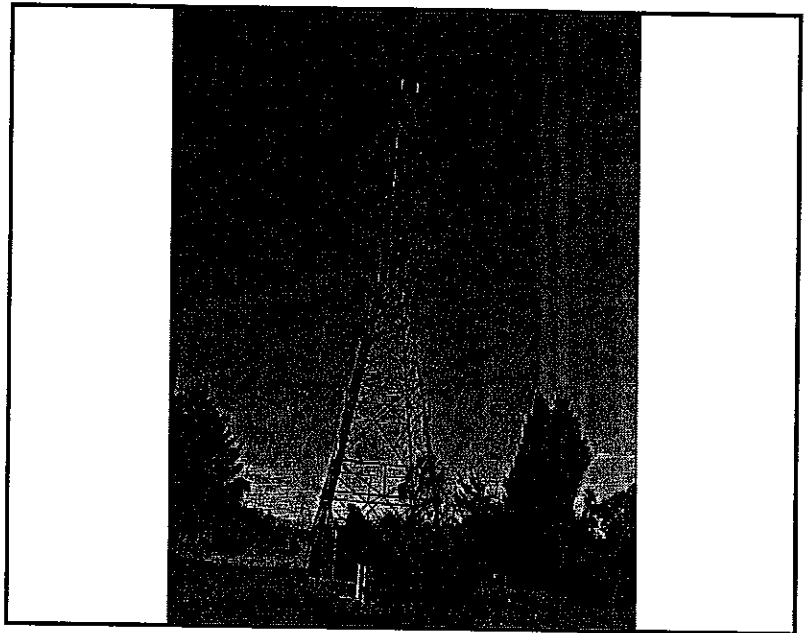
Sprint

SF33XC136 Almaden
Leigh Avenue Between Hershner and Anne Way, San Jose, CA

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Radio Frequency – Electromagnetic Energy (RF-EME) Compliance Report

Prepared for:
Sprint Nextel
6391 Sprint Parkway
Mailstop: KSOPHT0101-Z2650
Overland Park, KS 66251-2650



Site No. SF33XC136D

Almaden

Leigh Avenue between Hershner Street and Anne Way

San Jose, California 95032

Santa Clara County

37.239394; -121.925472 NAD83

lattice tower

EBI Project No. 62120201

February 22, 2012



21 B Street ♦ Burlington, MA 01803 ♦ 1.800.786.2346

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EXECUTIVE SUMMARY

Purpose of Report

EnviroBusiness Inc. (dba EBI Consulting) has been contracted by Sprint Nextel to conduct radio frequency electromagnetic (RF-EME) monitoring and modeling for Sprint Site SF33XC136D located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California to determine RF-EME exposure levels from existing and proposed Sprint wireless communications equipment at this site. As described in greater detail in Section 11.0 of this report, the Federal Communications Commission (FCC) has developed Maximum Permissible Exposure (MPE) Limits for general public exposures and occupational exposures. This report summarizes the results of RF-EME monitoring and modeling in relation to relevant FCC RF-EME compliance standards for limiting human exposure to RF-EME fields.

EBI field personnel visited this site on February 16, 2012. This report contains a detailed summary of the RF EME analysis for the site.

This document addresses the compliance of Sprint's proposed transmitting facilities independently and in relation to all collocated facilities at the site.

1.0 LOCATION OF ALL EXISTING ANTENNAS AND FACILITIES AND EXISTING RF LEVELS

This project involves the removal of three (3) existing antennas and installation of three (3) proposed Sprint wireless telecommunication antennas on a lattice tower located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California. There are three Sectors (A, B, and C) proposed to be installed at the site, with one (1) antenna that may be installed per sector.

EBI conducted a site visit on February 16, 2012 at the time of the site visit MetroPCS and Verizon were collocated with the Sprint antennas on the lattice tower located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California. Measurements were taken at the ground to record existing RF-EME levels resulting from these antennas in addition to the existing Sprint antennas prior to the installation of Sprint's proposed equipment.

During the survey, no spatially averaged power density readings above 0.7166% of the FCC's occupational MPE (3.5830% of the general public MPE) were encountered on any ground surface.

2.0 LOCATION OR ALL APPROVED (BUT NOT INSTALLED) ANTENNAS AND FACILITIES AND EXPECTED RF LEVELS FROM THE APPROVED FACILITIES

There are no antennas or facilities that are approved and not installed based on information provided to EBI and Sprint at the time of this report.

3.0 NUMBER AND TYPES OF WTS WITHIN 100 FEET OF THE PROPOSED SITE AND ESTIMATES OF CUMULATIVE EMR EMISSIONS AT THE PROPOSED SITE

With the exception of the antennas mentioned in Section 1.0, there are no other Wireless Telecommunication Service (WTS) sites observed within 100 feet of the proposed site.

4.0 LOCATION AND NUMBER OF THE SPRINT ANTENNAS AND BACK-UP FACILITIES PER BUILDING AND NUMBER AND LOCATION OF OTHER TELECOMMUNICATION FACILITIES ON THE PROPERTY

Sprint proposes the removal of three (3) existing antennas and installation of three (3) proposed Sprint wireless telecommunication antennas on a lattice tower located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California. There are three Sectors (A, B, and C) proposed to be installed at the site, with one (1) antenna that may be installed per sector. In each sector, there is proposed to be one antenna transmitting in the 800 MHz and the 1900 MHz frequency ranges. The Sector A antennas will be oriented 300° from true north. The Sector B antennas will be oriented 60° from true north. The Sector C antennas will be oriented 180° from true north. The bottoms of the proposed Sprint antennas will be 38.08 feet above ground level.

At the time of the site visit MetroPCS and Verizon were collocated with the Sprint antennas on the lattice tower located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California. There were three (3) MetroPCS antennas and six (6) Verizon antennas.

5.0 POWER RATING FOR ALL EXISTING AND PROPOSED BACKUP EQUIPMENT SUBJECT TO THE APPLICATION

The operating power for modeling purposes was assumed to be 20 Watts per transmitter for the 800 MHz antenna and there will be one (1) transmitter operating at this frequency. The operating power for the purpose of modeling was assumed to be 20 Watts per transmitter and one (1) transmitter operating

in the 1600 MHz frequency range. Additionally, for modeling purposes it was assumed to be 20 Watts per transmitter and five (5) transmitters operating at the 1900 MHz.

6.0 TOTAL NUMBER OF WATTS PER INSTALLATION AND THE TOTAL NUMBER OF WATTS FOR ALL INSTALLATIONS ON THE BUILDING

The effective radiated power (ERP) for the 800 MHz transmitter combined on site is 495 Watts. The ERP for the 1900 MHz transmitters combined on site is 4,926 Watts. The ERPs for other carriers on site was not provided.

7.0 PREFERRED METHOD OF ATTACHMENT OF PROPOSED ANTENNA WITH PLOT OR ROOF PLAN INCLUDING: DIRECTIONALITY OF ANTENNAS, HEIGHT OF ANTENNAS ABOVE NEAREST WALKING SURFACE, DISCUSS NEARBY INHABITED BUILDINGS

Based on the information provided to EBI, the information indicates that the proposed antennas are to be mounted to h-frames on the lattice tower, operating in the directions, frequencies, and heights mentioned in section 4.0 above. To the north of the lattice tower there is a large field. To the east and west of the lattice tower there is open spaces. To the south of the lattice tower there are residences, which are approximately 50 feet away.

8.0 ESTIMATED AMBIENT RADIO FREQUENCY FIELDS FOR THE PROPOSED SITE

Based on worst-case predictive modeling, there are no predicted areas on any accessible ground-level walking/working surface related to the proposed Sprint antennas that exceed the FCC's occupational or general public exposure limits at this site. At the nearest walking/working surfaces to the proposed Sprint antennas, the maximum power density is 3.60 percent of the FCC's general public limit (0.72 percent of the FCC's occupational limit). The composite exposure level from modeling all other carriers existing on this site combined with Sprint's proposed antennas is 4.20 percent of the FCC's general public limit (0.84 percent of the FCC's occupational limit) at the nearest walking/working surface to each antenna.

Worst-case predictive modeling was also done at 20 feet above the ground at a distance of 50 feet to the south of the southernmost antenna, there are no areas related to the proposed Sprint antennas that exceed the FCC's occupational or general public exposure limits at this distance and height. At 20 feet above ground level and 50 feet to the south of the southernmost antenna, the maximum power density generated by the Sprint antennas combined with the modeling of existing other carrier's antennas on site is approximately 0.1 percent of the FCC's general public limit (0.02 percent of the FCC's occupational limit). The inputs used in the modeling are summarized in the RoofView® export file presented in Appendix B.

There are no modeled areas on the ground that exceed the FCC's limits for general public or occupational exposure in front of the other carrier antennas.

9.0 SIGNAGE AT THE FACILITY IDENTIFYING ALL WTS EQUIPMENT AND SAFETY PRECAUTIONS FOR PEOPLE NEARING THE EQUIPMENT AS MAY BE REQUIRED BY THE APPLICABLE FCC ADOPTED STANDARDS (DISCUSS SIGNAGE FOR THOSE WHO SPEAK LANGUAGES OTHER THAN ENGLISH)

Signs are the primary means for control of access to areas where RF exposure levels may potentially exceed the MPE. Signage is already installed for the existing antennas, and it is recommended that

signage be left in place for the new antennas making people aware of the antennas locations. There are no fields in front of the proposed antennas and therefore barriers are not recommended.

Additionally, there are areas where workers elevated above the ground may be exposed to power densities greater than the general population and occupational limits. Workers and the general public should be informed about the presence and locations of antennas and their associated fields.

At the time of the site survey, it was noted that there was a blue "Notice to Workers" sign located on the entry gate on the equipment. There was also warning signs on the tower.

Additionally, access to this site is accomplished by walking up to the lattice tower. However, access to the antennas requires people to be elevated above ground and as such, the general public is not able to access the antennas.

10.0 STATEMENT ON WHO PRODUCED THIS REPORT AND QUALIFICATIONS

Please see the certifications attached in Appendix A below.

11.0 FEDERAL COMMUNICATIONS COMMISSION (FCC) REQUIREMENTS

The FCC has established Maximum Permissible Exposure (MPE) limits for human exposure to Radiofrequency Electromagnetic (RF-EME) energy fields, based on exposure limits recommended by the National Council on Radiation Protection and Measurements (NCRP) and, over a wide range of frequencies, the exposure limits developed by the Institute of Electrical and Electronics Engineers, Inc. (IEEE) and adopted by the American National Standards Institute (ANSI) to replace the 1982 ANSI guidelines. Limits for localized absorption are based on recommendations of both ANSI/IEEE and NCRP.

The FCC guidelines incorporate two separate tiers of exposure limits that are based upon occupational/controlled exposure limits (for workers) and general public/uncontrolled exposure limits for members of the general public.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general public/uncontrolled limits (see below), as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

General public/uncontrolled exposure limits apply to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general public would always be considered under this category when exposure is not employment-related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

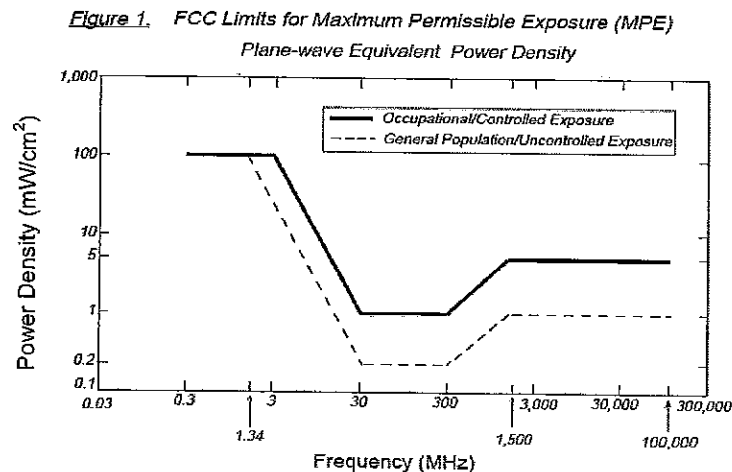
Table 1 and Figure 1 (below), which are included within the FCC's OET Bulletin 65, summarize the MPE limits for RF emissions. These limits are designed to provide a substantial margin of safety. They vary by frequency to take into account the different types of equipment that may be in operation at a particular facility and are "time-averaged" limits to reflect different durations resulting from controlled and uncontrolled exposures.

The FCC's MPEs are measured in terms of power (mW) over a unit surface area (cm²). Known as the power density, the FCC has established an occupational MPE of 5 milliwatts per square centimeter (mW/cm²) and an uncontrolled MPE of 1 mW/cm² for equipment operating in the 1900 MHz frequency range. For the Sprint equipment operating at 800 MHz, the FCC's occupational MPE is 2.66 mW/cm² and an uncontrolled MPE of 0.53 mW/cm². These limits are considered protective of these populations.

Table I: Limits for Maximum Permissible Exposure (MPE)				
(A) Limits for Occupational/Controlled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1,500	--	--	f/300	6
1,500-100,000	--	--	5	6
(B) Limits for General Public/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time [E] ² , [H] ² , or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1,500	--	--	f/1,500	30
1,500-100,000	--	--	1.0	30

f = Frequency in (MHz)

* Plane-wave equivalent power density



Based on the above, the most restrictive thresholds for exposures of unlimited duration to RF energy for several personal wireless services are summarized below:

Personal Wireless Service	Approximate Frequency	Occupational MPE	Public MPE
Personal Communication (PCS)	1,950 MHz	5.00 mW/cm ²	1.00 mW/cm ²
Cellular Telephone	870 MHz	2.90 mW/cm ²	0.58 mW/cm ²
Specialized Mobile Radio	855 MHz	2.85 mW/cm ²	0.57 mW/cm ²
Most Restrictive Freq. Range	30-300 MHz	1.00 mW/cm ²	0.20 mW/cm ²

MPE limits are designed to provide a substantial margin of safety. These limits apply for continuous exposures and are intended to provide a prudent margin of safety for all persons, regardless of age, gender, size, or health.

Personal Communication (PCS) facilities used by Sprint in this area operate within a frequency range of 800-1900 MHz. Facilities typically consist of: 1) electronic transceivers (the radios or cabinets) connected to wired telephone lines; and 2) antennas that send the wireless signals created by the transceivers to be received by individual subscriber units (PCS telephones). Transceivers are typically connected to antennas by coaxial cables.

Because of the short wavelength of PCS services, the antennas require line-of-site paths for good propagation, and are typically installed above ground level. Antennas are constructed to concentrate energy towards the horizon, with as little energy as possible scattered towards the ground or the sky. This design, combined with the low power of PCS facilities, generally results in no possibility for exposure to approach Maximum Permissible Exposure (MPE) levels, with the exception of areas directly in front of the antennas.

Statement of Compliance

A site is considered out of compliance with FCC regulations if there are areas that exceed the FCC exposure limits and there are no RF hazard mitigation measures in place. Any carrier which has an installation that contributes more than 5% of the applicable MPE must participate in mitigating these RF hazards.

12.0 LIMITATIONS

This report was prepared for the use of Sprint Nextel. It was performed in accordance with generally accepted practices of other consultants undertaking similar studies at the same time and in the same locale under like circumstances. The conclusions provided by EBI are based solely on the information collected during the site survey and provided by the client. The observations in this report are valid on the date of the investigation. Any additional information that becomes available concerning the site should be provided to EBI so that our conclusions may be revised and modified, if necessary. This report has been prepared in accordance with Standard Conditions for Engagement and authorized proposal, both of which are integral parts of this report. No other warranty, expressed or implied, is made.

13.0 SUMMARY AND CONCLUSIONS

EBI has prepared this Radiofrequency Emissions Compliance Report for the proposed Sprint telecommunications equipment at the site located at Leigh Avenue between Hershner Street and Anne Way in San Jose, California.

EBI has conducted theoretical modeling and on site monitoring to estimate the worst-case power density from Sprint antennas and the other carriers' existing antennas to document potential MPE levels at this location and ensure that site control measures are adequate to meet FCC and OSHA

requirements. As presented in the preceding sections, based on worst-case predictive modeling, there are no modeled exposures on any accessible ground-level walking/working surface related to proposed equipment in the area that exceed the FCC's occupational and general public exposure limits at this site. As such, the proposed Sprint project is in compliance with FCC rules and regulations.

Additionally, based on the FCC criteria, there are no measured areas on any accessible ground-level walking/working surface related to the existing site conditions that exceed the FCC's occupational and general public exposure limits at this site.

Signage has been installed at the site as presented in Section 9.0. Posting of the signage brings the site into compliance with FCC rules and regulations.

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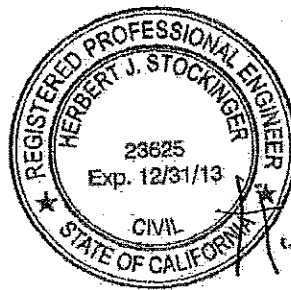
Appendix A

Certifications

RF-EME Compliance Report
EBI Project No. 62120201

Site No. SF33XCI36D
Leigh Avenue Between Hershner Street and Anne Way, San Jose, California

Reviewed and Approved by:



A handwritten signature in cursive script, appearing to read "H. Stockinger", written over the right side of the professional seal.

Herbert J. Stockinger, PE
Senior Engineer

Note that EBI's scope of work is limited to an evaluation of the Radio Frequency – Electromagnetic Energy (RF-EME) field generated by the antennas and broadcast equipment noted in this report. The engineering and design of the building and related structures, as well as the impact of the antennas and broadcast equipment on the structural integrity of the building, are specifically excluded from EBI's scope of work.

EBI Consulting

Field Personnel Certification

I, David Oliver, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified "occupational" under the FCC regulations.
- I am familiar with the FCC rules and regulations as well as OSHA regulations both in general and as they apply to RF-EME exposure.
- I have been trained in the proper use of the RF-EME measurement equipment, and have successfully completed EBI training in the policies and procedures for site survey protocols.
- All information collected during the site survey and contained in this report is true and accurate to the best of my knowledge and based on the data gathered.

David Oliver

Preparer Certification

I, Timothy Costa, state that:

- I am an employee of EnviroBusiness Inc. (d/b/a EBI Consulting), which provides RF-EME safety and compliance services to the wireless communications industry.
- I have successfully completed RF-EME safety training, and I am aware of the potential hazards from RF-EME and would be classified "occupational" under the FCC regulations.
- I am familiar with the FCC rules and regulations as well as OSHA regulations both in general and as they apply to RF-EME exposure.
- I have reviewed the data collected during the site survey and provided by the client and incorporated it into this Site Compliance Report such that the information contained in this report is true and accurate to the best of my knowledge.

Timothy Costa

Appendix B

Roofview® Export File

JUL 3 - 2012

Status Report Sprint #SF33XC136-D "ALMADEN"

TOWN OF LOS GATOS
PLANNING DIVISION

For

Town of Los Gatos

Summary of Actions Requested

Upon receipt of Conditional Use Permit U-12-005 supplied by Marni Moseley, Town of Los Gatos Planner, LRC was engaged to review a pending wireless application by Sprint site # SF33XC136-D. LRC reviewed this information along with the Town of Los Gatos "Standards for Wireless Telecommunications Facilities". LRC conducted a site survey, reviewed coverage maps, vicinity map and drove the area which would be impacted by the proposed cellular antenna installation.

Findings and Recommendations of LRC Multi-Communications, Inc.

- ❖ Site location is 196 Kensington Way near Ann Way and Meadowbrook Dr. PG&E tower #10/48. This is a lattice constructed tower AMSL 255.45'
- ❖ N. Long. 121. 925472" E. Lat. 37. 239394") Cellular array to be located on an existing PG&E tower.
- ❖ Review of RF emissions, proposed warning signage and calculations appear to meet the requirements of the FCC.
- ❖ Review of tower plan and proposed re-placement locations of cellular antennas to be located 40' AGL RAD center sector (A) azimuth 60 degrees T; sector (B) 40' RAD center AGL. azimuth 165 degrees T; sector C 40' AGL RAD center azimuth 285 degrees T.
- ❖ This proposed Sprint site does provide additional coverage between sites SF36XC006 and SF60XC161. Please refer to existing and proposed coverage overlay maps.
- ❖ The application meets Town of Los Gatos Standards regarding this location.
- ❖ Antenna camouflage will not be necessary. The antenna does provide full service coverage within the Town of Los Gatos.
- ❖ It does not appear that there will be any interference issues relative to this site and other sites as previously identified; however LRC did not conduct a formal frequency analysis.

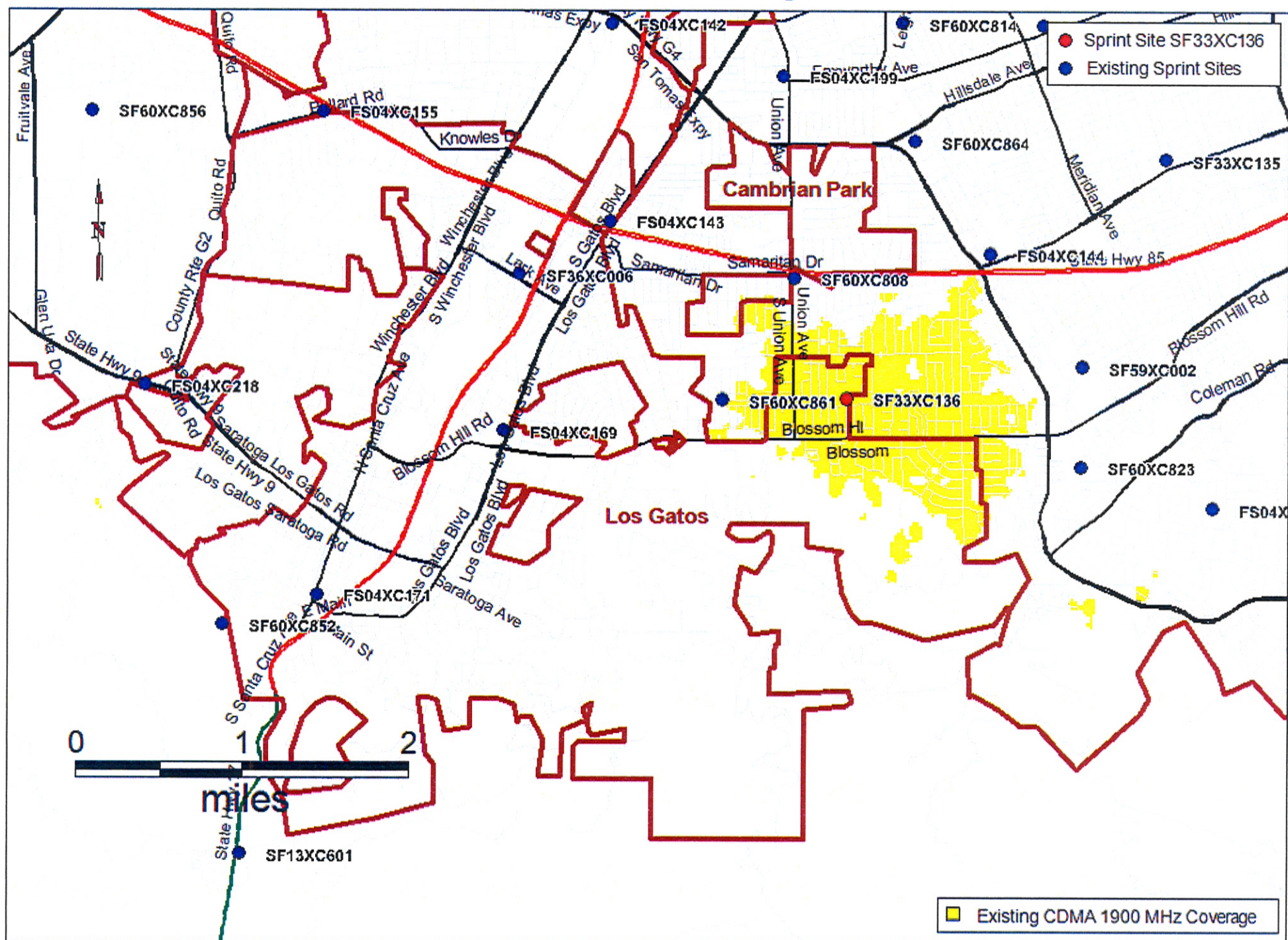
LRC Multi-Communications, Inc. hereby recommends that the Town of Los Gatos approve this application within the limits herein identified. Going forward LRC proposes a post construction site inspection to confirm emission level(s), signage and other key components of this cellular array are per application and in compliance with FCC standards as well as the standards set out for the Town of Los Gatos.

Summary Scope of Review

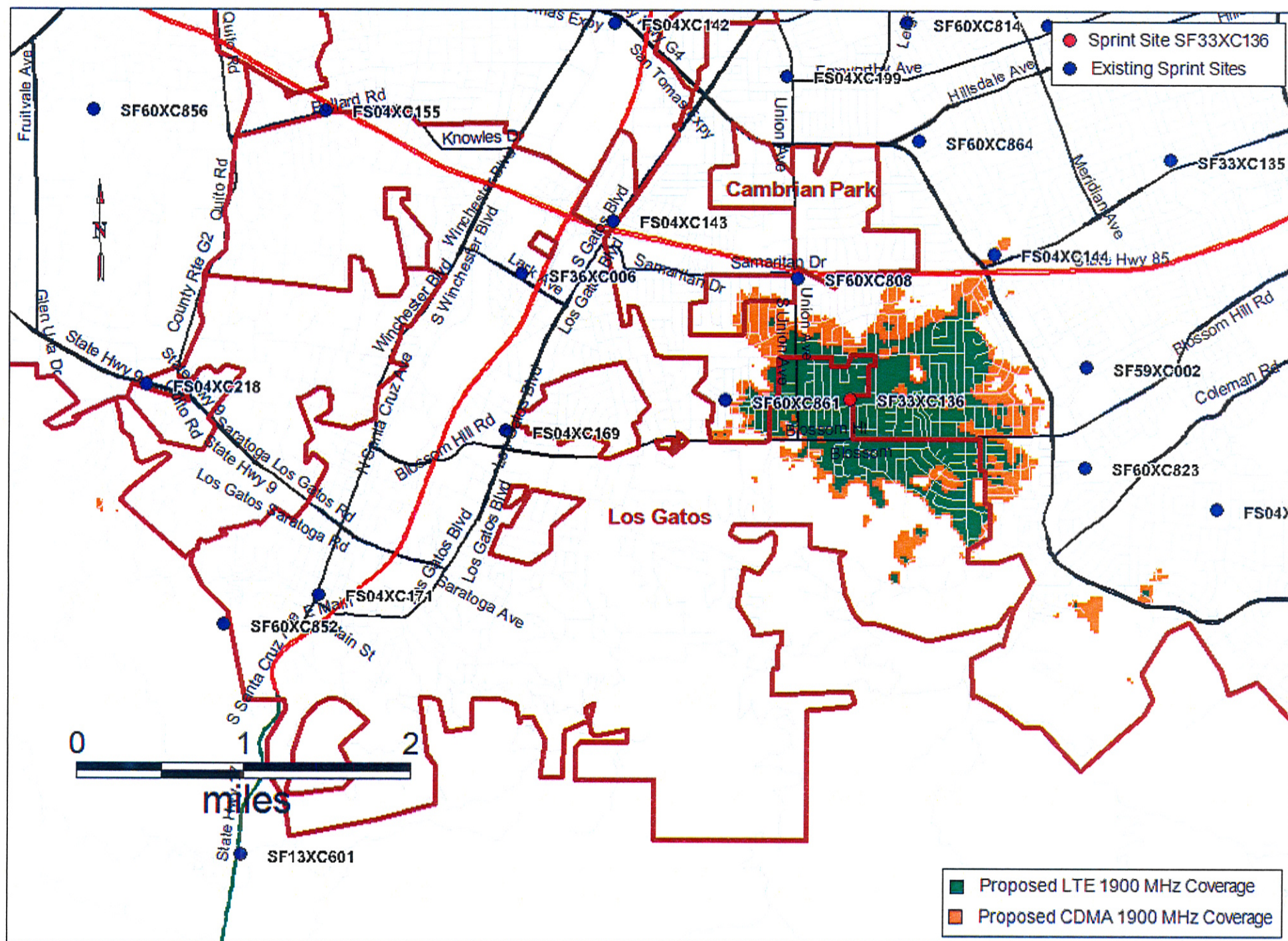
LRC reviewed the following documentation / information:

- 1. 12 page Radio Frequency – Electromagnetic Energy (RF-EME) Compliance Report prepared by: EBI Consulting. Certified by: Herbert J. Stockinger PE dated 2/22/12**
- 2. 8 page site general facilities description, study results plan site plan prepared by Thomas Holland Architectural Engineering for Sprint Nextel**
- 3. 2 pages of existing and proposed cellular coverage overlay maps provided by Sprint contracting engineers prepared by Public Wireless**
- 4. Town of Los Gatos Standards for Wireless Telecommunications Facilities**

Existing SF33XC136 coverage



Proposed SF33XC136 coverage



DEPART FROM SAN FRANCISCO INTERNATIONAL AIRPORT, CA

- HEAD NORTH
- KEEP RIGHT AT THE FORK
- TAKE THE SLIP ROAD ONTO US-101
- TAKE EXIT 398B TO MERGE ONTO CA-85 S TOWARDS SANTACRUZ/CUPERTINO
- TAKE EXIT 9 TOWARDS UNION AVE
- TURN LEFT ONTO SAMARITAN DR
- TAKE THE 1ST RIGHT ON TO UNION AVE
- TURN LEFT ONTO ANNE WAY
- DESTINATION WILL BE ON THE LEFT
- 181 ANNE WAY, LOS GATOS, CA 95032, USA

DRIVING DIRECTIONS



NETWORK VISION MM LAUNCH

ALMADEN

SF33XC136-D

LATTICE TOWER

196 KENSINGTON WAY AT HOWES DRIVE

LOS GATOS, CA 95032

SANTA CLARA COUNTY

LATITUDE: 37° 14' 22.899" N (37.23939444°)
LONGITUDE: 121° 55' 31.699" W (-121.92547220°)

SF BAY MARKET

CALIFORNIA STATE 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 ADMINISTRATIVE CODE (INCL TITLE 24 & 25)
- 2010 CALIFORNIA BUILDING CODE
- CITY/COUNTY ORDINANCES
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- 2010 MECHANICAL CALIFORNIA CODE
- ANSI/EIA-222-F LIFE SAFETY CODE NFPA-101
- 2010 CALIFORNIA PLUMBING CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 LOCAL BUILDING CODE

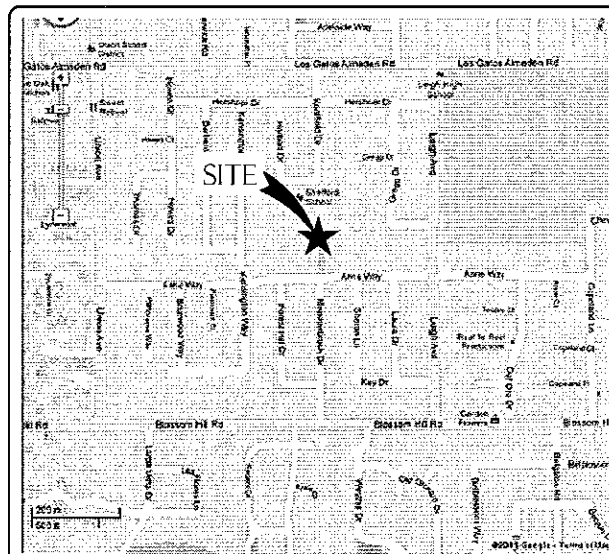
ACCESSIBILITY REQUIREMENTS:

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2010 CALIFORNIA BUILDING CODE.

CODE BLOCK

APPROVAL	SIGNATURE	DATE
PROJECT MANAGER		
CONSTRUCTION MANAGER		
RF ENGINEER		
SITE ACQUISITION		
PLANNING CONSULTANT		
PROPERTY OWNER		
SPRINT REPRESENTATIVE		

SIGNATURE BLOCK



VICINITY MAP

TOWER INFORMATION:

SAP TOWER NUMBER: 40863144
LINE NAME & VOLTAGE: VASONA-METCALF, 230KV
SBE NUMBER: 135-43-0390-1
TOWNSHIP/RANGE/SECTION: 8S-1W-13
SDS NUMBER: 233390
STRUCTURE TYPE: LATTICE TOWER
TOWER NUMBER: 10/48
AMSL: 255.45'

PG&E CONTACT INFORMATION:

LAND AGENT CONTACT: MAYA HERR-ANDERSON
PHONE: (415) 973-5736
E-MAIL: M4HA@PGE.COM

PROJECT MANAGER: RICHARD SARTINI
MOBILE: (415) 308-9400
E-MAIL: RRSR@PGE.COM

ADDRESS: 245 MARKET STREET
MAIL CODE N100
SAN FRANCISCO, CA 94105

PG&E INFORMATION

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY

- (3) EXISTING PANEL ANTENNAS TO BE REMOVED, (3) NEW PANEL ANTENNAS MOUNTED ON PROPOSED 3'-0" WIDE H-FRAME (1 ANTENNA PER SECTOR) AND (6) NEW RRUS (2 PER SECTOR) BEHIND ANTENNAS MOUNTED TO EXISTING LATTICE TOWER.

- PHASE 1-(3) NEW PANEL ANTENNAS TO BE INSTALLED ON (3) NEW H-FRAME.
- PHASE 2-(3) EXISTING PANEL ANTENNAS TO BE REMOVED

- (3) EXISTING EQUIPMENT CABINET TO BE REMOVED AND (2) NEW EQUIPMENT CABINET TO BE INSTALLED AT EXISTING EQUIPMENT COMPOUND

- PHASE 1-(1) EQUIPMENT CABINET TO BE INSTALLED
- PHASE 2-(3) EQUIPMENT CABINET TO BE REMOVED AND (1) EXISTING CABINET TO BE INSTALLED

- ANTENNA TRANSMISSION LINES FROM EQUIPMENT CABINETS TO ANTENNAS-PAINTED TO MATCH AS APPLICABLE PER PLANS

- EXISTING 200AMPS POWER SERVICE TO REMAIN

PROJECT DESCRIPTION

APPLICANT:

SPRINT
6580 SPRINT PARKWAY
OVERLAND PARK, KS 66251

PROPERTY INFORMATION:

PROPERTY OWNER: PG&E
ADDRESS: 77 BEALE STREET, MAIL CODE B23A
PO BOX 770000,
SAN FRANCISCO CA 94177

CONTACT: SCOTT LOVELESS
CONTACT NUMBER: (415) 973-2071

ZONING CLASSIFICATION: R-1-8

BUILDING CODE: 2010 CBC

CONSTRUCTION TYPE: V

OCCUPANCY: B

JURISDICTION: TOWN OF LOS GATOS

CURRENT USE: TELECOMMUNICATIONS FACILITY/PG&E TOWER

PROPOSED USE: TELECOMMUNICATIONS FACILITY/PG&E TOWER

PARCEL NUMBER(S):

527-48-029

PROJECT SUMMARY

SHEET DESCRIPTION

T-1	TITLE SHEET
A-1	SITE PLAN
A-2	EXISTING EQUIPMENT PLAN & ANTENNA PLAN
A-2A	EQUIPMENT PLAN & ANTENNA PLAN (DURING)
A-3	PROPOSED EQUIPMENT PLAN & ANTENNA PLAN
A-4	EXISTING & PROPOSED EAST ELEVATION
A-5	EXISTING & PROPOSED SOUTH ELEVATION

NOTE:
DRAWING SCALE IS 24"X36" ON ALL SHEETS

SHEET INDEX

ARCHITECT:

THOMAS HOLLAND
PACIFIC TELECOM SERVICES, LLC
115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104

LAND AGENT INFORMATION:

PACIFIC GAS AND ELECTRIC
245 MARKET STREET
SAN FRANCISCO, CA 94105
CONTACT: MAYA HERR-ANDERSON
PH: (415) 973-5736
E-MAIL: M4HA@PGE.COM

ZONING MANAGER:

MODUS, INC.
115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104
CONTACT: KYRA O'MALLEY
PH: (530) 574-1517

LEASING MANAGER

MODUS, INC.
115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104
CONTACT: VANESSA DENIKE
PH: (415) 574-6805

CONSTRUCTION MANAGER

OVERLAND CONTRACTING
2999 OAK ROAD, SUITE 490
WALNUT CREEK, CA 94597
CONTACT: ART CUNNINGHAM
PH: (925) 852-8895

POWER COMPANY:

PACIFIC GAS AND ELECTRIC
PH: (800) 743-5000

TELCO COMPANY:

AT&T
PH: T.B.D.

EQUIPMENT PROVIDER:

SAMSUNG TELECOMMUNICATIONS AMERICA (STA)
1301 EAST LOOKOUT DRIVE
RICHARDSON, TX 75082
PH: (972) 761-7000

PROJECT TEAM

At all new services & grounding trenches,
provide "WARNING" tape at 12" below grade.



DIG ALERT
"CALL BEFORE YOU DIG"
1-800-227-2600

UNDERGROUND SERVICE ALERT OF
NORTHERN CALIFORNIA AND NEVADA

Sprint

SAMSUNG



115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104

PTS
PACIFIC TELECOM SERVICES, LLC
115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104

PROJECT INFORMATION

NETWORK VISION MMBTS LAUNCH

ALMADEN

SF33XC136-D

196 KENSINGTON WAY AT HOWES DRIVE

LOS GATOS, CA 95032

SANTA CLARA COUNTY

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
0	12/28/11	ISSUED FOR 90% ZONING	BW
1	04/06/12	ISSUED FOR 100% ZONING	NL
2	06/05/12	ISSUED FOR REVISED 100% ZONING	WJR

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSEURE

RECEIVED

JUL 27 2012

TOWN OF LOS GATOS
PLANNING DIVISION

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

REVISION:

2

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY NETWORK CARRIER OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AS THEY MAY BE DISCOVERED IN PLANS, DOCUMENTS, NOTES, OR SPECIFICATIONS, PRIOR TO STARTING CONSTRUCTION INCLUDING, BUT NOT LIMITED BY, DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF NETWORK CARRIER CONSTRUCTION PROJECT MANAGER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY NETWORK CARRIER CONSTRUCTION PROJECT MANAGER.
2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT. CONTRACTORS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND THE CONTRACTOR HAVING BEEN AWARDED THIS PROJECT SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
3. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE NETWORK CARRIER PROJECT SCOPE AND THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
4. 11X17 COPIES OF DRAWINGS ARE NOT TO BE SCALED DUE TO DISTORTIONS RESULTING FROM MULTIPLE REPROGRAPHIC COPIES. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON PLANS.
5. OWNER, CONTRACTOR, AND NETWORK CARRIER REPRESENTATIVE SHALL REVIEW AND CONFIRM THAT PROJECT SCOPE, DESIGN INTENT AND UTILITY COORDINATION ITEMS ARE INCLUDED IN THE DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.
6. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION FROM NETWORK CARRIER REPRESENTATIVE TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS OR TENANTS.
8. THE CONTRACTOR SHALL PROVIDE NETWORK CARRIER PROPER INSURANCE CERTIFICATES NAMING NETWORK CARRIER AS ADDITIONAL INSURED, AND PROVIDE NETWORK CARRIER PROOF OF LICENSE(S) INCLUDING PE & PD INSURANCE.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
11. ALL WORK PERFORMED ON THE PROJECT ALONG WITH ALL MATERIALS INSTALLED, SHALL COMPLY IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL LIKEWISE ISSUE NOTICE TO ALL SUB-CONTRACTORS THAT THEY SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPALITY, UTILITY COMPANY AND LOCAL/STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
12. A COPY OF THE GOVERNING AGENCY ISSUED AND APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY AND BY LAW, SHALL BE AVAILABLE AT THE JOB SITE FOR INSPECTION AT ALL TIMES. THE ORIGINAL PERMIT SET PLANS ARE NOT TO BE USED BY THE WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION AS GOVERNING AGENCY APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS, IN GOOD CONDITION, COMPLETE WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES UNDER THE DIRECT CARE OF THE SUPERINTENDENT. THE CONTRACTOR SHALL SUPPLY THE NETWORK CARRIER CONSTRUCTION PROJECT MANAGER WITH A COPY OF ALL REVISIONS, ADDENDA, AND/OR CHANGE ORDERS AT THE CONCLUSION OF THE WORK AS A PART OF THE AS-BUILT DRAWING RECORDS.
13. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
14. THE CONTRACTOR SHALL STUDY THE STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS AND CROSS CHECK THEIR DETAILS, NOTES, DIMENSIONS, AND ALL REQUIREMENTS PRIOR TO THE START OF ANY WORK.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE JOB SITE WHILE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
16. THE CONTRACTOR HAS THE RESPONSIBILITY OF LOCATING ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THE PLANS, ALONG WITH PROTECTING THEM FROM DAMAGE. THE CONTRACTOR AND SUBCONTRACTOR SHALL BEAR THE EXPENSES OF REPAIR AND/OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGE RESULTING FROM OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
17. ALL EXISTING CONSTRUCTION, EQUIPMENT, AND FINISHES NOTED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND WILL BE REMOVED FROM THE SITE WITH THE FOLLOWING EXCEPTIONS:
 - A. PROPERTY NOTED TO BE RETURNED TO THE OWNER.
 - B. PROPERTY NOTED TO BE REMOVED BY THE OWNER.
19. THE GOVERNING AGENCIES, CODE AUTHORITIES, AND BUILDING INSPECTORS SHALL PROVIDE MINIMUM STANDARDS FOR CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES USED THROUGHOUT THE PROJECT. TRADE STANDARDS AND/OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS SHALL BE USED FOR INSTALLATION.
20. WHEN ROOF TOP OR TOP FLOOR DECK TEMPORARY STAGING OF IS REQUIRED, MATERIALS SHALL BE EVENLY DISTRIBUTED OVER ROUGH FRAMED FLOORS OR ROOFS SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING AND/OR BRACING IS TO BE PROVIDED WHERE THE STRUCTURE DOESN'T HAVE THE DESIGN STRENGTH FOR ADDITIONAL LOADING.
21. SEAL ALL PENETRATIONS WITHIN FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THE SUBJECT FACILITY AND OR PROJECT SITE.
22. BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GROUND DISTURBANCE, CONSTRUCTION, AND ANY OTHER PROJECT EFFORT AS MANDATED BY THE GOVERNING AGENCY.
23. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
24. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ADJACENT TO THE PROPERTY.
25. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION. DISPOSING OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
26. NEW CONSTRUCTION INSTALLED ADJACENT EXISTING BUILDINGS OR CONSTRUCTION SHALL ARCHITECTURALLY MATCH THE EXISTING IN TERMS OF COLOR, TEXTURE, FINISH MATERIALS, ETC., EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.
27. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKING, BLOCKING, AND/OR OTHER ANCHORAGE DEVICES REQUIRED FOR THE INSTALLATION OF FIXTURES, MECHANICAL EQUIPMENT, PLUMBING, HARDWARE, AND FINISH ITEMS TO INSURE A PROPER AND CODE COMPLIANT INSTALLATION.
28. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING INSTALLATIONS THAT ARE CONSTRUCTED LEVEL, ERECT, EVENLY ALIGNED, PLUMB AND TRUE BASED ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL COMPARE EXISTING CONDITIONS WITH THE PROPOSED DESIGN PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES OR INCONSISTENCIES TO THE NETWORK CARRIER'S REPRESENTATIVE AND FURTHER TO THE A&E SUCH THAT THE NEW INSTALLATION WILL LIKEWISE BE LEVEL, ERECT, EVENLY ALIGNED, PLUMB AND TRUE. NETWORK CARRIER SHALL BE NOTIFIED OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES PRIOR TO ANY CONSTRUCTION.
29. THE CONTRACTOR IS TO PROVIDE PROTECTION FOR ADJOINING PROPERTIES FROM PHYSICAL HARM, NOISE, DUST, DIRT, AND FIRE AS REQUIRED BY THE GOVERNING AGENCIES.
30. WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AND/OR REVISIONS AVAILABLE AS REQUIRED BY THE GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
31. THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE OF ALL MATERIALS AND SHALL NOT STORE OR STAGE MATERIALS ON PUBLIC PROPERTY WITHOUT A PERMIT TO DO SO FROM THE GOVERNING AGENCIES FOR THIS PURPOSE.
32. GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN ALL CONDITIONS UNLESS ILLUSTRATED AND NOTED OTHERWISE.
33. TRADES INVOLVED IN THE PROJECT SHALL BE RESPONSIBLE FOR THEIR OWN CUTTING, FITTING, PATCHING, ETC., SO AS TO BE PREPARED PROPERLY BY THE WORK OF OTHER TRADES.
34. ALL DEBRIS AND REFUSE SHALL BE REMOVED FROM THE PROJECT PREMISES AND LEFT IN A CLEAN SWEEP CONDITION AT ALL TIMES BY EACH TRADE AS THEY PERFORM THEIR OWN PORTION OF THE WORK.
35. NETWORK CARRIER DOES NOT GUARANTEE ANY PRODUCTS, FIXTURES, AND/OR ANY EQUIPMENT NAMED BY A TRADE OR MANUFACTURER. GUARANTEE OR WARRANTY THAT MAY BE IN EFFECT IS DONE THROUGH THE COMPANY OR MANUFACTURER PROVIDING THE PRODUCT, FIXTURE, AND/OR EQUIPMENT UNLESS SPECIFIC RESPONSIBILITY IS ALSO PROVIDED BY THE CONTRACTOR/SUBCONTRACTOR IN WRITTEN FORM.
36. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
37. WHEN APPLICABLE, CONTRACTOR IS RESPONSIBLE TO CALL, COORDINATE AND MAKE ARRANGEMENTS FOR R.O.W. AND/OR PRIVATE PROPERTY LOCATES BASED ON SPECIFIC SITE REQUIREMENTS.
38. SEE CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION.
39. CONTRACTORS TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO NETWORK CARRIER'S REPRESENTATIVE ALONG WITH REDLINED CONSTRUCTION SET.
40. CONTRACTOR SHALL DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED ALONG WITH PHOTOGRAPHS PER NETWORK CARRIER REQUIREMENTS.
41. GENERAL CONTRACTOR SHALL COORDINATE AND SEEK APPROVAL OF ALL POWER DRAW, INSTALLATION AND/OR MODIFICATIONS WITH POWER COMPANY, OWNER AND JURISDICTION AS REQUIRED. CONTRACTOR SHALL REPORT POWER INSTALLATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
42. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY NETWORK CARRIER CONSTRUCTION MANAGER.
43. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INTERIOR, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE ACCEPTING UNDER THIS CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR. EXCEPTION: THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, COSIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATERTIGHT CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.

CALIFORNIA SPECIFIC CODE COMPLIANCE NOTES:

1. WHEN COMPLETED, THE SUBJECT PROJECT SHALL COMPLY WITH LOCAL SECURITY CODES.
2. WHEN COMPLETED, THE SUBJECT PROJECT SHALL COMPLY WITH THE CALIFORNIA ENERGY CODE TITLE-24 ENERGY CONSERVATION REQUIREMENTS.
3. WHEN GLASS OR GLAZING REPLACEMENT IS A PART OF THE SCOPE OF THE PROJECT, GLASS AND GLAZING SHALL COMPLY WITH CHAPTER 54 OF THE U.S. CONSUMER SAFETY COMMISSION WITH SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS BEING COMPLY WITH PER (42 FR 1428, CFR PART 1201 & LOCAL SECURITY REQUIREMENTS).

SYMBOLS:

- GRID REFERENCE
- DETAIL REFERENCE
- ELEVATION REFERENCE
- SECTION REFERENCE
- CENTERLINE
- PROPERTY/LEASE LINE
- MATCH LINE
- WORK POINT
- GROUND CONDUCTOR
- TELEPHONE CONDUIT
- ELECTRICAL CONDUIT
- COAXIAL CABLE
- OVERHEAD SERVICE CONDUCTORS
- GROUT OR PLASTER
- EXISTING BRICK
- EXISTING MASONRY
- CONCRETE
- EARTH
- GRAVEL
- PLYWOOD
- SAND
- WOOD CONTINUOUS
- WOOD BLOCKING
- STEEL
- NEW
- EXISTING
- NEW ANTENNA
- EXISTING ANTENNA
- GROUND ROD
- GROUND BUS BAR
- MECHANICAL GRND. CONN.
- CADWELD
- GROUND ACCESS WELL
- ELECTRIC BOX
- TELEPHONE BOX
- LIGHT POLE
- FND. MONUMENT
- SPOT ELEVATION
- SET POINT
- REVISION

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SAN FRANCISCO, CA 94104

PTS
PACIFIC TELECOM SERVICES, LLC
115 SANSOME STREET, SUITE 1400B
SAN FRANCISCO, CA 94104

PROJECT INFORMATION:

NETWORK VISION MMIBTS LAUNCH

ALMADEN
SF33XC136-D

196 KENSINGTON WAY AT HOWES DRIVE
LOS GATOS, CA 95032
SANTA CLARA COUNTY

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
0	12/28/11	ISSUED FOR 90% ZONING	BW
1	04/06/12	ISSUED FOR 100% ZONING	NL
2	06/05/12	ISSUED FOR REVISED 100% ZONING	WJR
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LICENSURE:

SHEET TITLE:

GENERAL NOTES & SYMBOLS

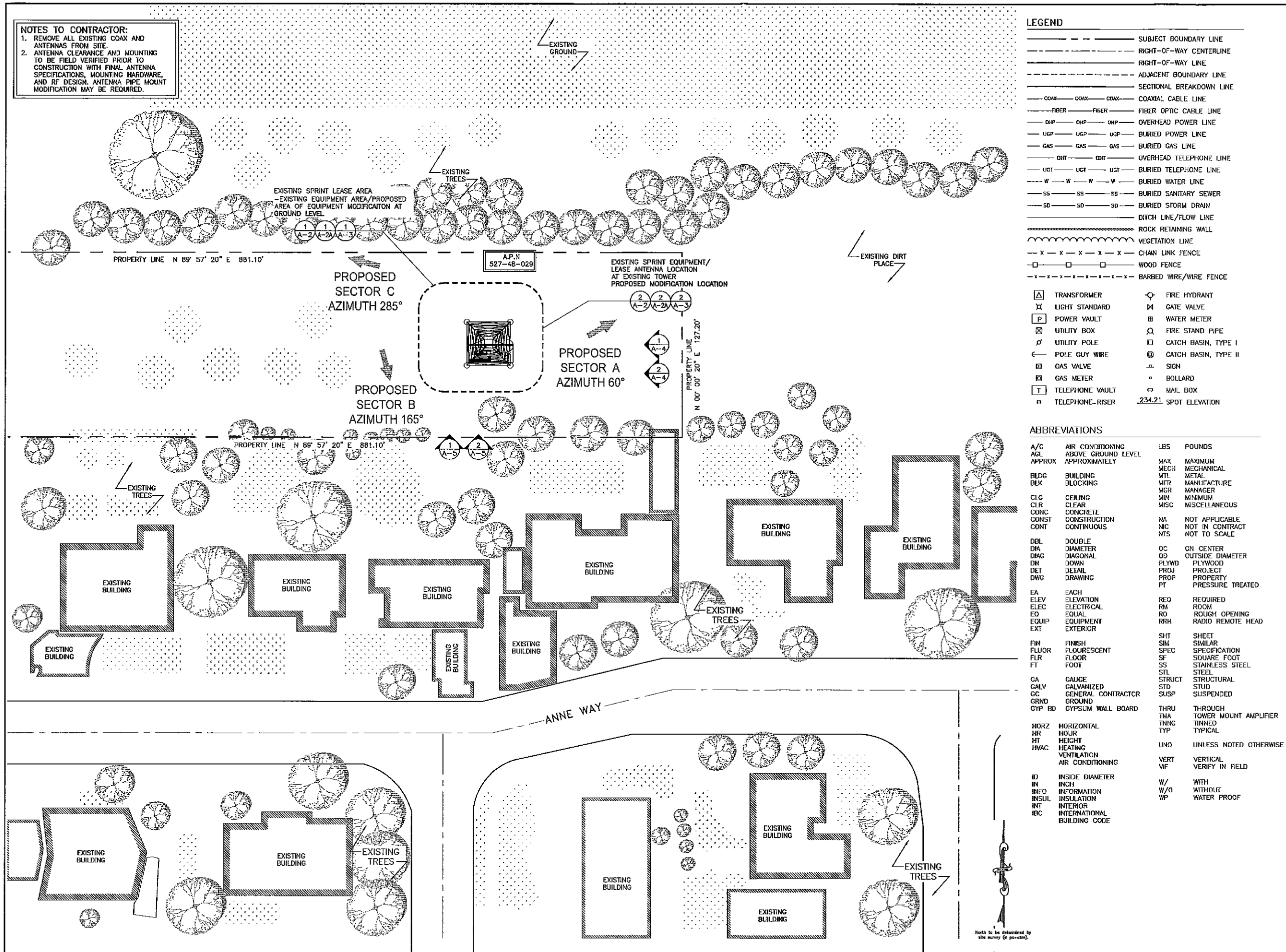
SHEET NUMBER:

G-1

REVISION:

2

NOTES TO CONTRACTOR:
1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE.
2. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.



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PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

ALMADEN
SF33XC136-D

196 KENSINGTON WAY AT HOWES DRIVE
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SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1

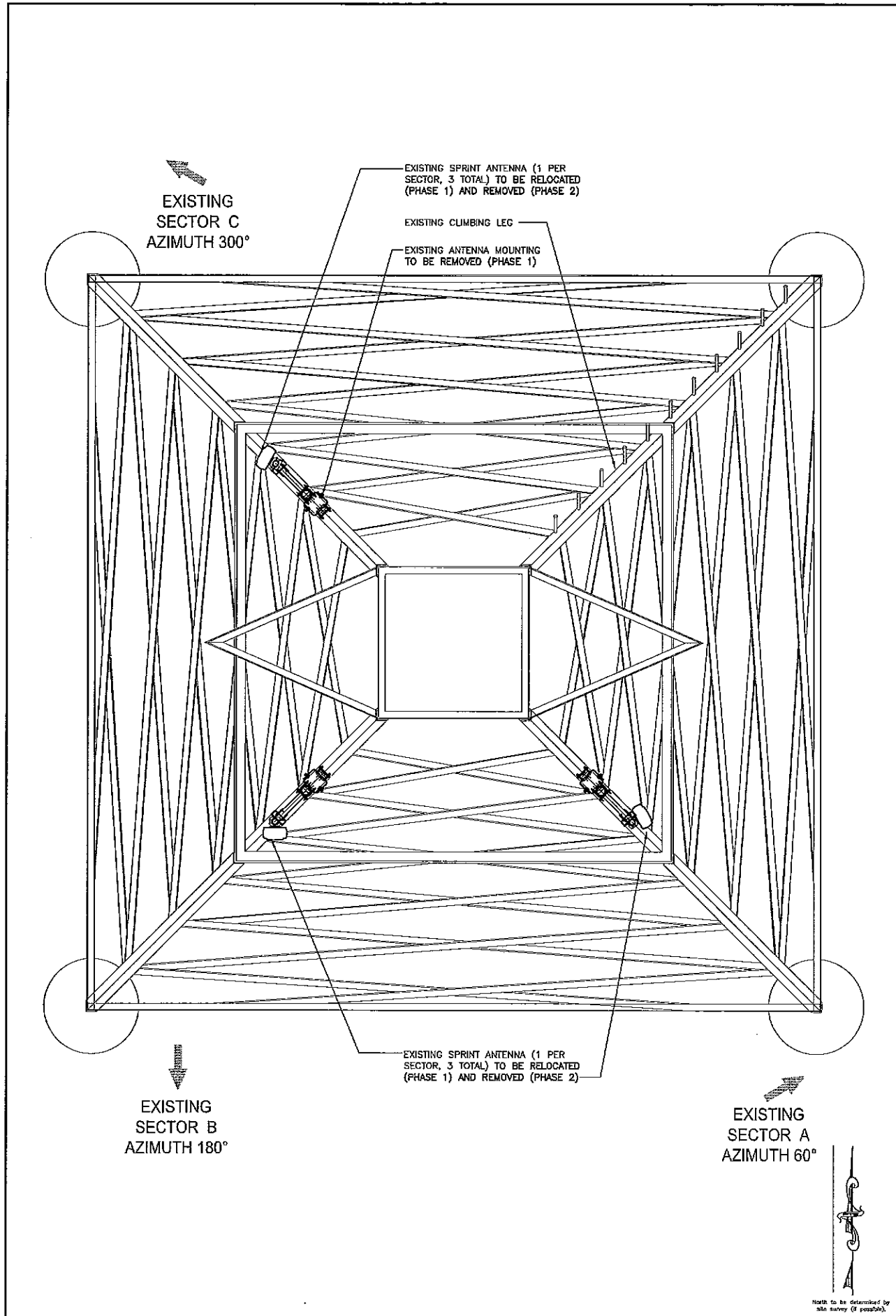
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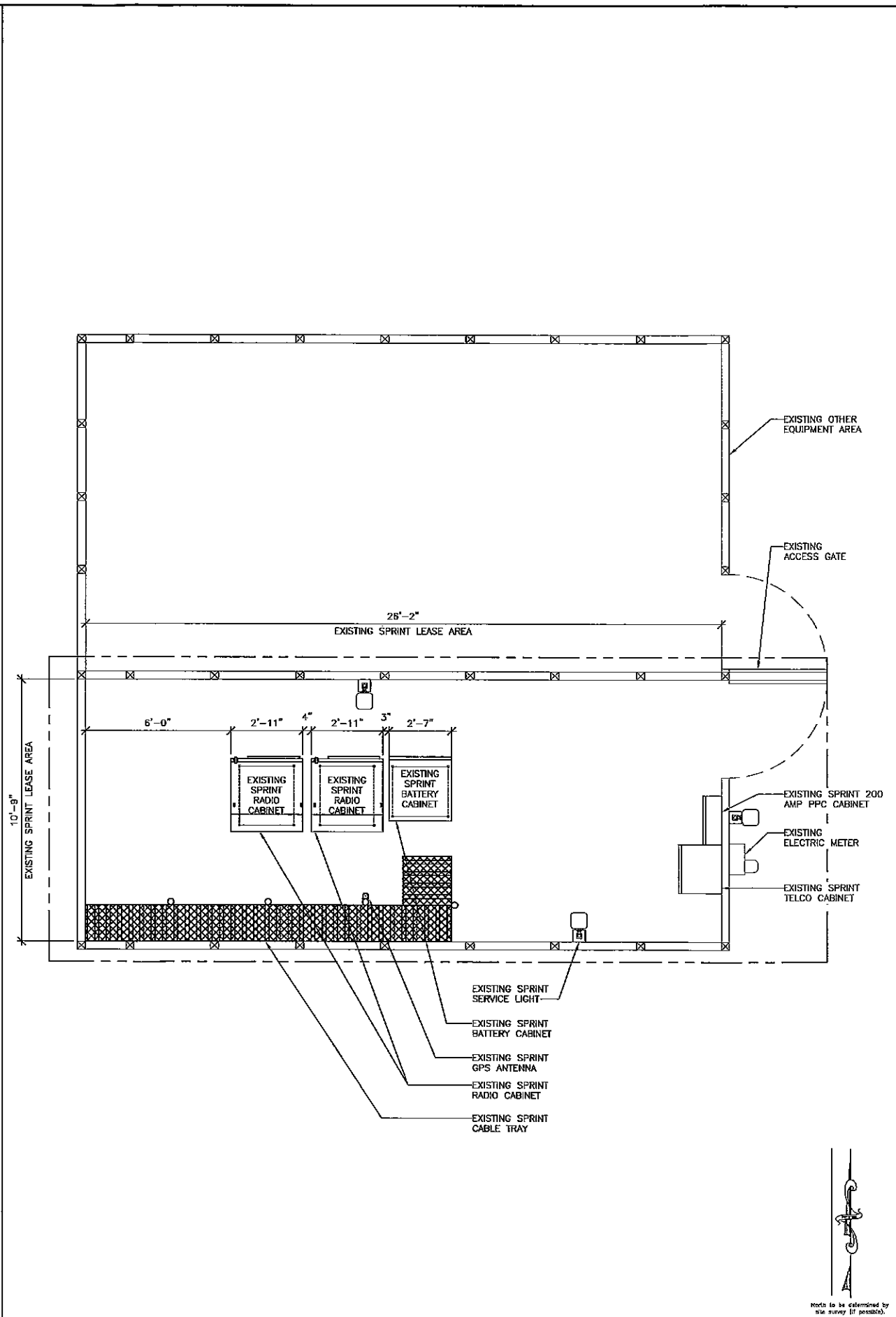
SITE PLAN

24"x36" SCALE: 1/32" = 1'-0"
11"x17" SCALE: 1/64" = 1'-0"

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24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
EXISTING ANTENNA PLAN 2



24"x36" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
EXISTING EQUIPMENT PLAN 1



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196 KENSINGTON WAY AT HOWES DRIVE
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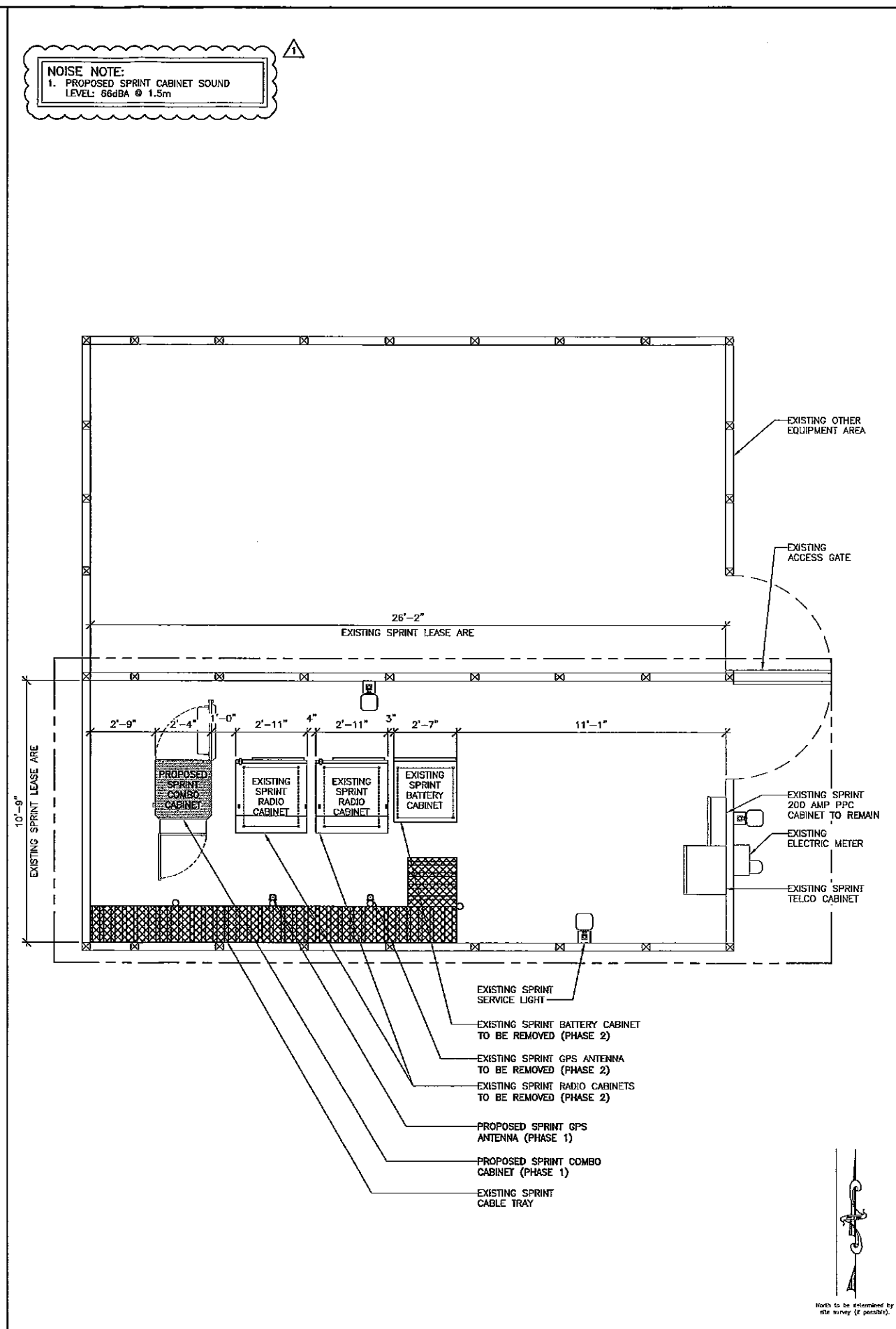
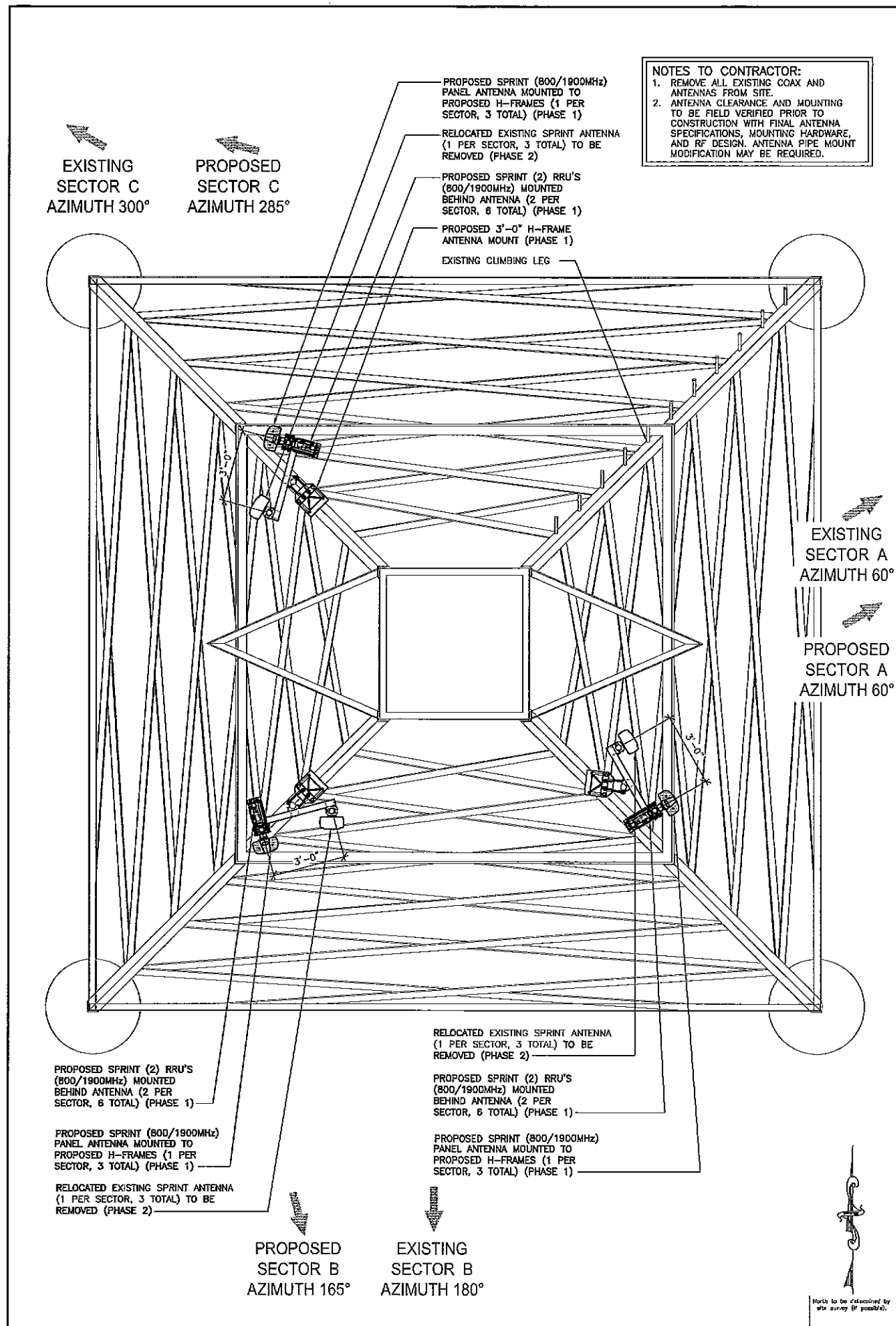
EXISTING EQUIPMENT PLAN &
ANTENNA PLAN

SHEET NUMBER:

A-2

REVISION:

2



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PROJECT INFORMATION:

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2	06/05/12	ISSUED FOR REVISED 100% ZONING	W

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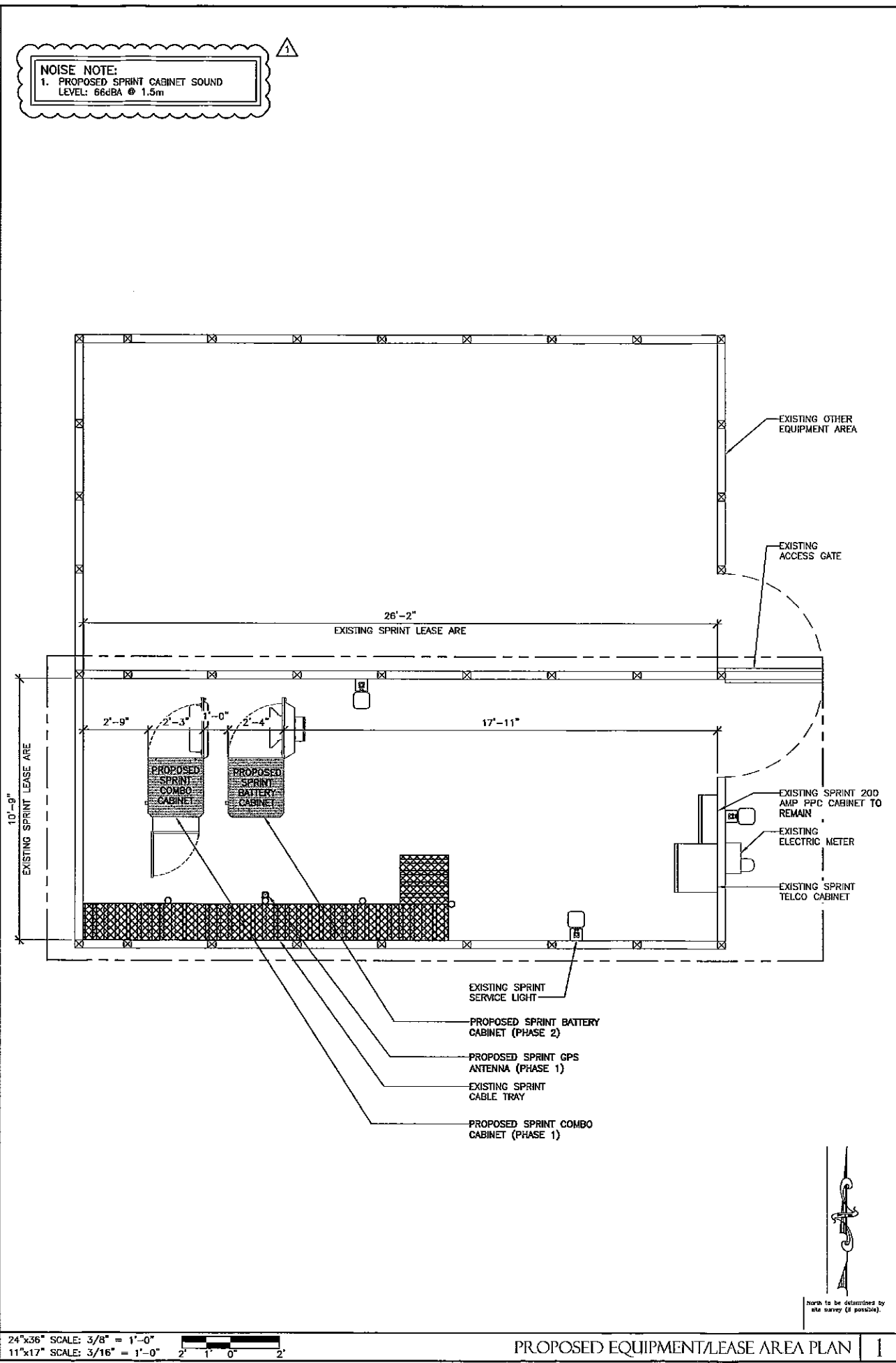
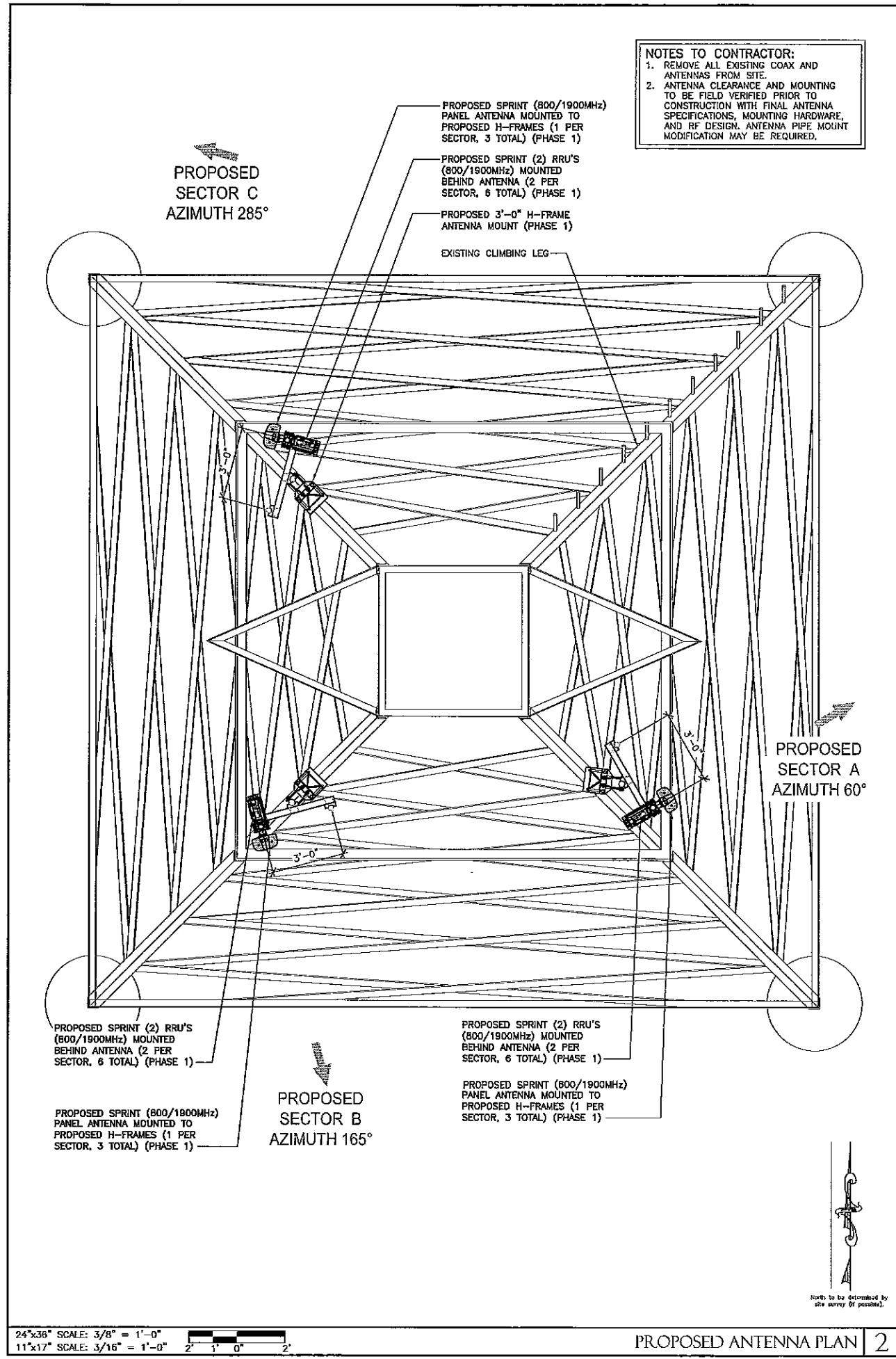
SHEET TITLE:

EQUIPMENT PLAN & ANTENNA
PLAN (DURING)

SHEET NUMBER:

REVISION

A-2A



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PROJECT INFORMATION:

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196 KENSINGTON WAY AT HOWES DRIVE
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SHEET TITLE:

PROPOSED EQUIPMENT/LEASE
AREA PLAN & ANTENNA PLAN

SHEET NUMBER:

REVISION:

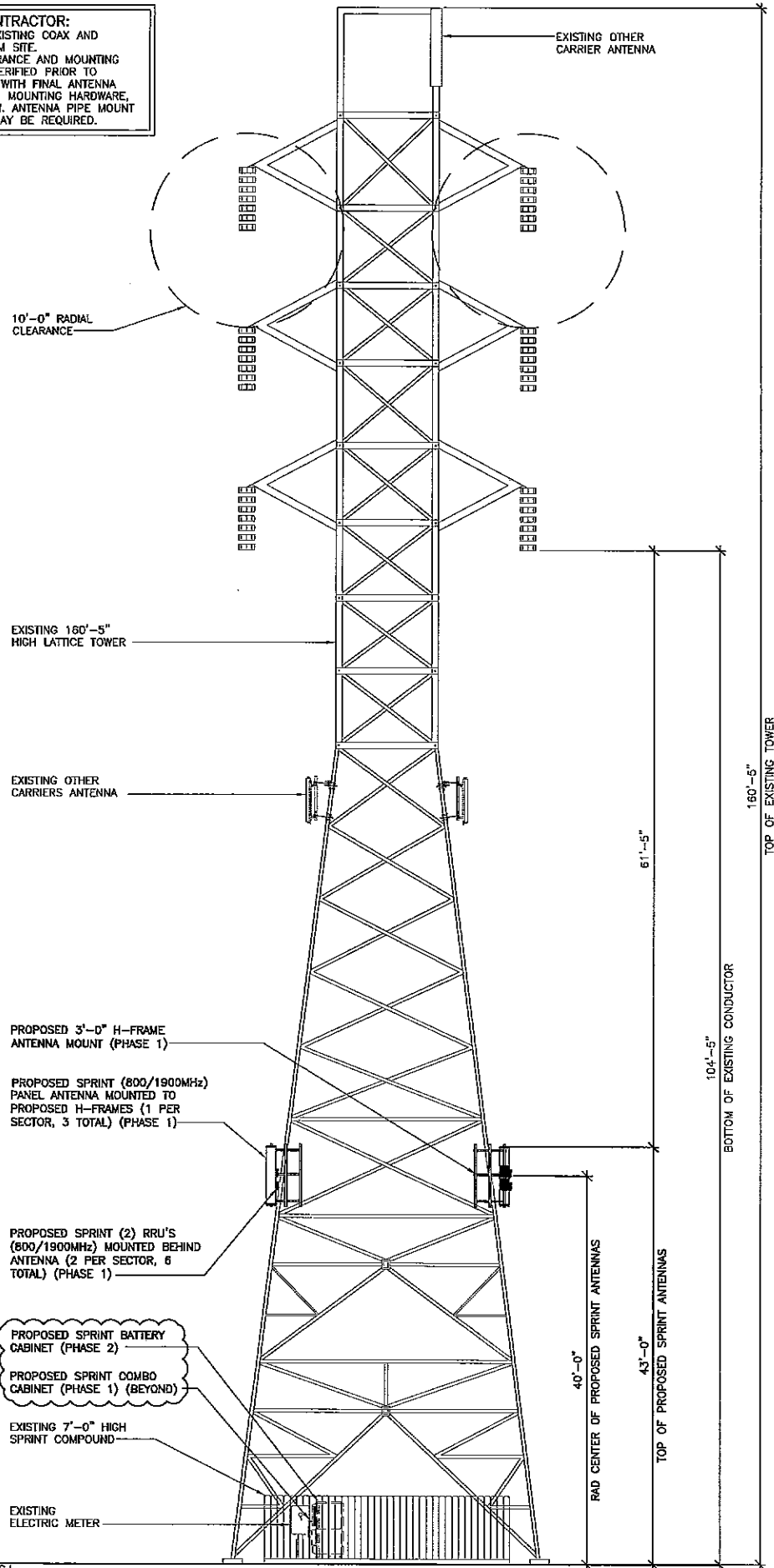
A-3

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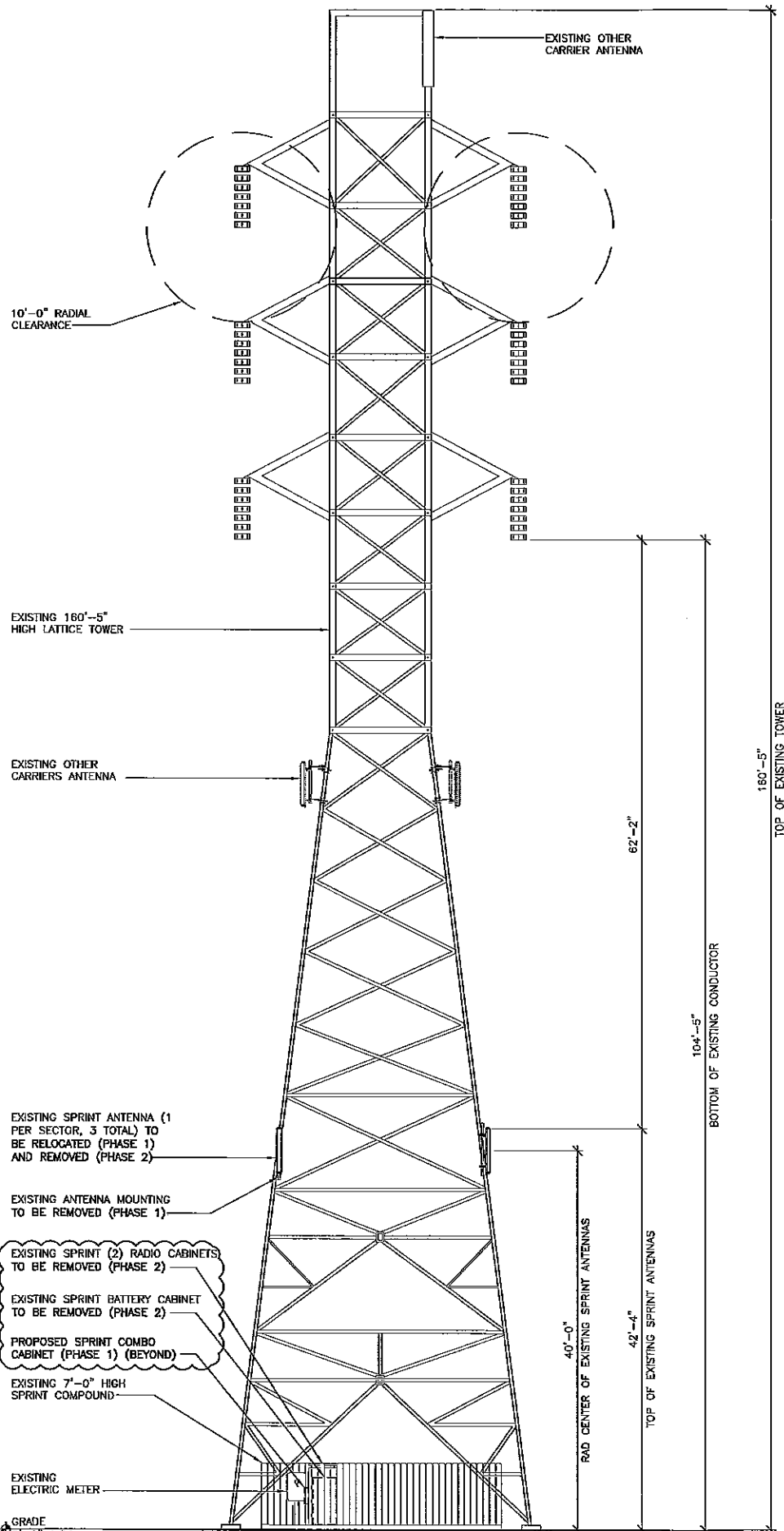
PROPOSED ANTENNA PLAN 2

PROPOSED EQUIPMENT/LEASE AREA PLAN 1

NOTES TO CONTRACTOR:
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 2. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.



PROPOSED EAST ELEVATION



EXISTING EAST ELEVATION

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 SAN FRANCISCO, CA 94104

PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

ALMADEN
 SF33XC136-D

196 KENSINGTON WAY AT HOWES DRIVE
 LOS GATOS, CA 95032
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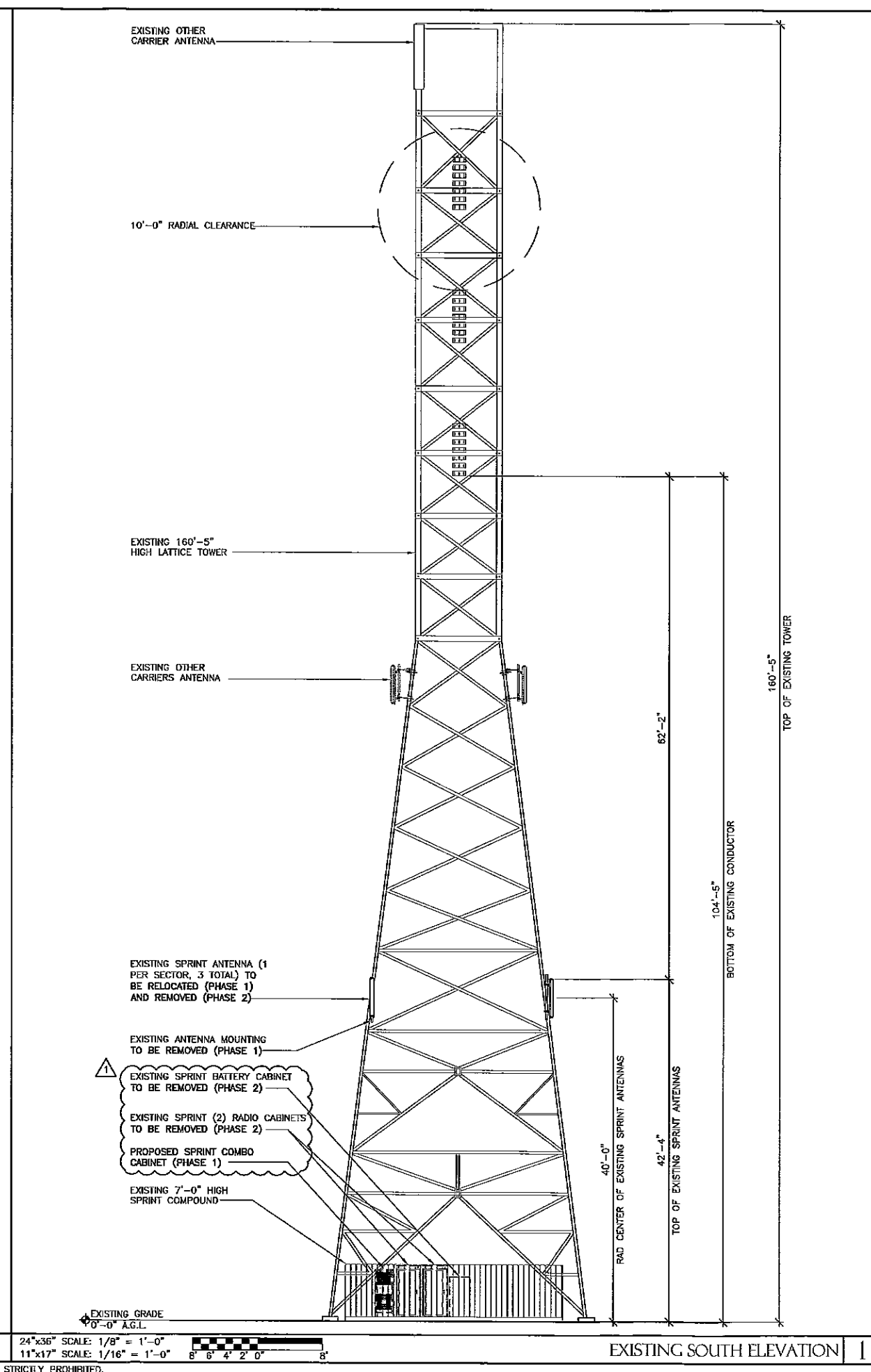
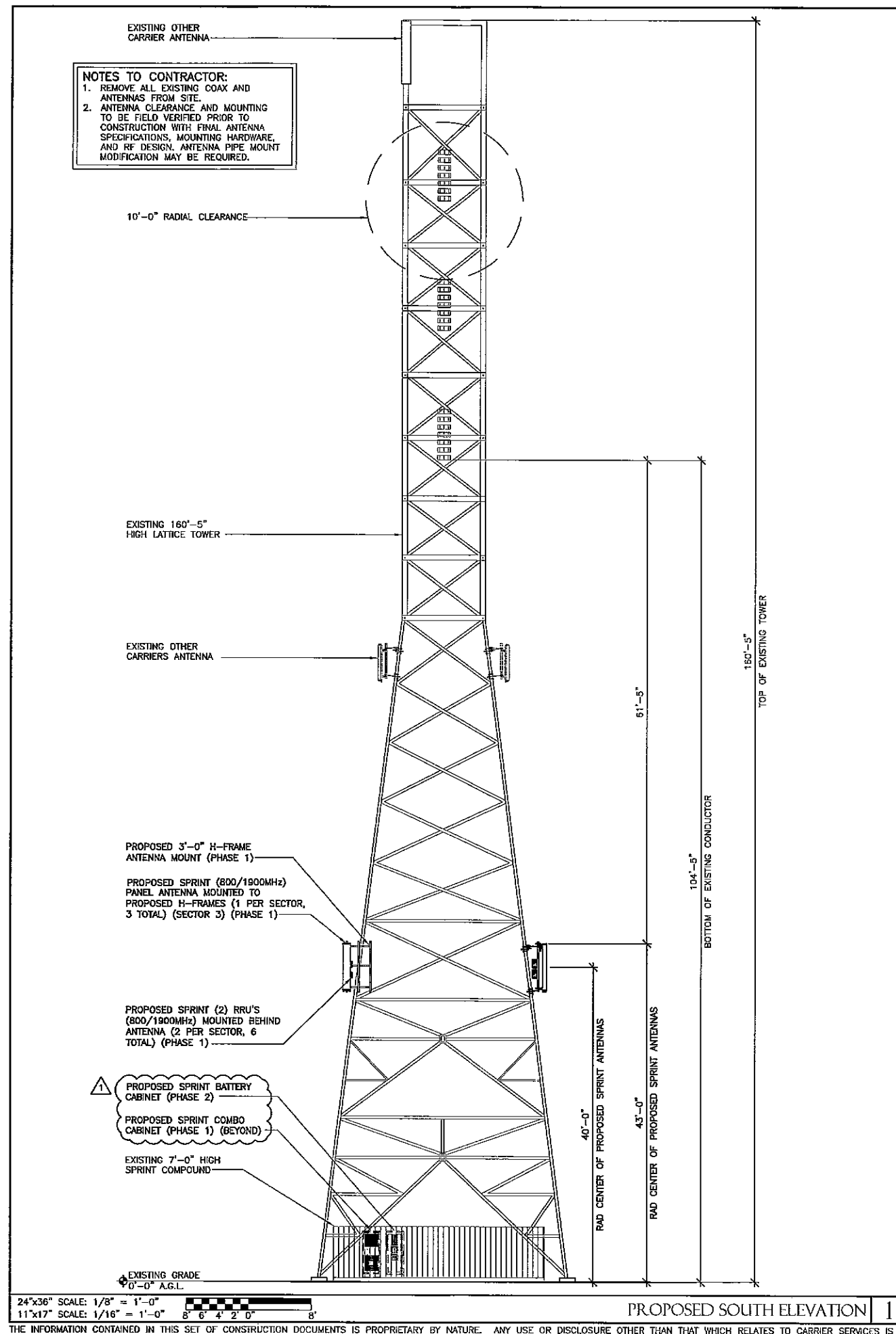
EXISTING & PROPOSED
 EAST ELEVATION

SHEET NUMBER:

REVISION:

A-4

2



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SAN FRANCISCO, CA 94104

PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

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SF33XCI36-D

196 KENSINGTON WAY AT HOWES DRIVE
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SANTA CLARA COUNTY

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LICENSURE:

SHEET TITLE:

EXISTING & PROPOSED
SOUTH ELEVATION

SHEET NUMBER:

A-5

REVISION:

2

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

PROPOSED SOUTH ELEVATION 1

24"x36" SCALE: 1/8" = 1'-0"
11"x17" SCALE: 1/16" = 1'-0"

EXISTING SOUTH ELEVATION 1

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