



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

ACTION DATE: March 7, 2013

TO: Planning Commission

APPLICANT: SAC Wireless for Sprint Nextel Inc.
5865 Avenida Encinas
Carlsbad, CA 92008

CASE NO.: 12-CUP-001

LOCATION: 28030 Dorothy Drive (A.P.N. 2061-013-037)

REQUEST: Request for approval of a Conditional Use Permit to replace four (4) wall-mounted, wireless telecommunications facility panel antennas with three (3) new panel antennas and replace three (3) existing roof-mounted cabinets with three (3) new cabinets and new accessory equipment on an office building.

ENVIRONMENTAL DETERMINATION: Categorically Exempt under CEQA per Section 15303 and independently, exempt pursuant to the general rule in Section 15061(b)(3).

RECOMMENDATION: Staff recommends the Planning Commission approve Wireless Telecommunications Facilities/Conditional Use Permit Case No. 12-CUP-001, subject to conditions, based on findings in the Draft Resolution.

ZONING DESIGNATION: Business Park- Office/Retail- Freeway Corridor (BP-OR-FC)

GENERAL PLAN DESIGNATION: BP-OR Business Park – Office Retail

I. PROJECT BACKGROUND AND DESCRIPTION

SAC Wireless, an authorized representative for Sprint Nextel, Inc., has applied for a Wireless Telecommunications Facilities Permit/Conditional Use Permit to replace the antennas of a wireless telecommunications facility at an office building located at 28030 Dorothy Drive. The three-story office building is located east of Palo Comado Canyon Drive, amongst other office buildings. The site is zoned Business Park-Office/Retail, and is located about 350 feet from the

nearest residential use south of Agoura Road. Over the years, the City has approved three applications and modifications at this location and others in the vicinity. The cases approved for this building allowed roof-mounted and wall-mounted antennas, and equipment on top and inside of the building, as well as on the ground floor. The previous projects were submitted by LA Cellular under Case No. 95-CUP-005, Cox California PCS under Case No. 96-CUP-013, and Nextel under Case No. 00-CUP-013. Today, the providers are known as AT&T, T-Mobile and Sprint Nextel, respectively. More recently in 2012, AT&T received a Planning Commission approval (Case No. 12-CUP-001) to upgrade the technology of the facility for eight (8) antennas in the same location of the office building plus four (4) additional antennas as well as equipment upgrades.

The applicant, a Sprint representative, proposes to replace four (4) wall-mounted, panel antennas with three (3) new panel antennas and replace three (3) existing roof-mounted cabinets with three (3) new cabinets and new accessory equipment. The antennas will be installed similar to how they currently are, in two groupings although oriented into three sectors (separate locations on the building, each with a directional antenna situated toward a specific coverage area) of emission, one at the northeast and the other at the southwest corners of the building. In both installations, the antennas would be screened with a radio frequency (RF) emission-transparent material similar to the stuccoed wall the antennas would be attached to. The equipment is roof-mounted and the additional accessory equipment would be mounted on the interior side of the parapet wall.

II. STAFF ANALYSIS

The new Wireless Telecommunications Facilities (WTF) Ordinance, adopted in September 2011, establishes allowed zones for wireless telecommunications facilities, and establishes new processes and submittal requirements. In particular, the Ordinance provides standards for the appearance of the facilities and requires the facilities to be camouflaged. The review process consists of three tiers. Tier I can be approved by the Director of the Planning and Community Development Department, and consists of certain types of facilities in the Business Park-Manufacturing zone only. Tier II includes most other wireless facilities and locations, and requires a Conditional Use Permit or an Amendment to an existing Conditional Use Permit, and is subject to the Planning Commission's review and approval. Finally, Tier III requires Planning Commission approval, and includes the projects that require an Exception to the provisions of the Ordinance (e.g. dimensions, design characteristics).

Per the Ordinance, this application falls under the Tier II review process, which requires a new Conditional Use permit subject to the Planning Commission's approval.

The primary function of the existing three-story building is general office use. The applicant is proposing to attach wireless telecommunications facilities to the walls of the building in order to serve three sectors and place the ancillary equipment in proximity to the antennas and on the roof. One important requirement of the Ordinance that was considered when reviewing this application was the need to camouflage the antennas. The applicant worked with staff to adequately screen the antennas so they appear as part of the building's structure.

Currently, the facility consists of four (4) antennas attached to the exterior of the building on two sides, each antenna installed eight (8) and four (4) feet apart from each other. The antennas are

visible from the outside. Replacing them using the same installation methods would not comply with Section 9661.5.B. of the Ordinance (Design and Development Standards), as they would not be camouflaged. The applicant proposes to replace the four antennas with only three (3) new antennas 72 inches high. The existing antennas would be removed altogether. The antennas would be in the same general locations as currently existing. Sector B, at the northeast corner of the building, would be served by one antenna and Sectors A and C, at the southeast corner, would be served by one antenna each. In order to comply with Section 9661.5.B., an RF emission-transparent material is proposed as a camouflaging solution. The screening material would be textured and painted to match the existing finish. The screen would be seven and a half feet tall and would wrap around the southwest corner of the building to conceal the antenna on the corner.

Both locations also use a remote radio head unit to extend the coverage of the BTS cabinet which is connected via a fiber optic cable. These units are installed behind the parapet wall. The new equipment would be mounted on the roof in an area that is not accessible to the public or visible from the street.

The following paragraphs describe the project's consistency with the design and development standards of the Ordinance (Section 9661.5(B)).

The Ordinance requires screening and camouflaging techniques in the placement of wireless telecommunications facilities to ensure the facilities are as visually inconspicuous as possible. In screening, the design must match the color, texture, materials, quality and style of the existing building so as to conceal the facility from surrounding properties and achieve community compatibility. As described above, the facilities in each of the three sectors would be adequately screened by a box painted and textured to resemble the existing building façade. The equipment would be placed on top of the roof behind a parapet wall which is consistent with the Ordinance. The proposal meets the intent to eliminate the visual impact of the new antennas as shown in the photo-simulations submitted by the applicant (Exhibit C).

The Ordinance also requires that the existing vegetation and buildings provide the greatest amount of screening to minimize potential visual impacts. The existing vegetation is not sufficient to screen the proposed facilities, but the building screen box completely shields the facilities from view, and the materials and colors of the shielding blend well with the existing architectural theme of the building, or will be made integral to the structure of the building itself. While not necessary for screening purposes, the existing vegetation in the planters surrounding the building would be retained (see Exhibit D).

The applicant states that the new facility would not generate noise that could potentially impact the public outside and the work environment inside the building. No backup generator is proposed. The project is conditioned not to be audible at the property line of any residential property and also not to exceed an exterior noise level of fifty-five (55) dBA at the facility's property line. Based on the information provided, the project is consistent with Section 9661.5(B)(11) of the Ordinance.

Conditional Use Permit Findings:

In order for a Conditional Use Permit to be approved, the applicant must demonstrate compliance with all six of the Conditional Use Permit findings as well as all four wireless telecommunications facilities specific findings specified in the Zoning Ordinance in Section 9673.2.E and 9661.5 (12)(c).

1. The Planning Commission must find that the proposed use is consistent with the objectives of the Zoning Ordinance and the purposes of the district in which the use is located. Wireless telecommunications facilities are allowed in the Business Park-Office/Retail zone, subject to the issuance of a Conditional Use Permit. The wall-mounted antennas will be completely screened with a material stuccoed and painted to match the color of the building. The addition of the screen box to the façade will not create a visual distraction or block views along the freeway.
2. Another finding that the Planning Commission must make is that the proposed use is compatible with the surrounding properties. The Ordinance allows such facilities in the BP-OR zone. The proposed antennas would not impact the surrounding community in that they are camouflaged from view and the equipment is not visible from the outside. The antennas will not interfere with any of the existing businesses on or around the proposed site.
3. The Planning Commission must also find the proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare. Wireless telecommunications facilities must be built in compliance with the City's Building Code, and are subject to inspection by the City's Building Department to ensure they are constructed in a safe manner. The Federal Communication Commission (FCC) regulates wireless telecommunications facilities, with regards to other related health and safety issues, particularly RF emissions, and establishes thresholds of RF emissions beyond which a facility cannot exceed. As part of the conditions of approval, and pursuant to the Ordinance, the applicant would be required to demonstrate continued compliance with the FCC emission standards.
4. Another finding is that the proposed use will comply with each of the applicable provisions of the Zoning Ordinance. Wireless telecommunications facilities are allowed in the BP-OR-FC zone, subject to the issuance of a Conditional Use Permit. The facilities are designed and located in compliance with the Zoning Ordinance, and with the conditions of approval imposed, will comply with the applicable provisions of the Ordinance.
5. A finding must also be made that the distance from other similar and like uses is sufficient to maintain the diversity within the community. The building hosts two other providers with wall-mounted antennas. One provider has received an approval to screen the antennas and is in the process of preparing construction plans. The third provider has not yet requested to upgrade the facility therefore the antennas are visible from the parking lot. The concentration of providers on Dorothy Drive is possibly a result of the previous zoning ordinance requirements, which prohibited facilities west of Palo Comado Canyon Drive in the BP-OR zone, and the only other permitted zone for wireless

facilities was BP-M. The interest from property owners may also have been a factor. The proximity of the buildings to the freeway and the elevation of the building pads, minimizing obstacles to wave transmission, provide a suitable environment for wireless telecommunications facilities. Over the years, other facilities have been approved on office buildings in the vicinity of the proposed location, but with the proposed design, the wireless telecommunications facilities would remain invisible to public view and would not contribute to visual over-concentration of similar uses.

6. Finally, a finding must be made that the proposed use is consistent with the goals and policies of the General Plan with respect to wireless telecommunication facilities. The applicable goals and policies of the General Plan are listed below:

Goal U-6: Telecommunication System. Quality communication systems that meet the demands of new and existing developments in the City.

The project will provide quality communications systems to meet the demands of new and existing developments in the City by upgrading the technology of the existing facility. The upgrade serves to bring contemporary services such as 4G and LTE (Long Term Evolution) to the community, while decreasing the overall number of Sprint antennas at this location.

Policy U-6.1: Access and Availability. Work with service providers to ensure access to and availability of a wide range of state-of-the-art telecommunications systems and services for households, businesses and institutions throughout the City.

The project will provide state-of-the art wireless telecommunication services. The project will provide Sprint 4G or LTE coverage to the community.

Policy U-6.2: Design and Siting of Facilities. Require that the installation of telecommunications infrastructure, such as cellular sites and towers, be designed in a manner to minimize visual impacts on the surrounding environment and neighborhood, and to be as unobtrusive as possible.

The proposed individual panel antennas will be completely camouflaged. Moreover, the accessory equipment will be on top of the roof behind a parapet wall.

Wireless Telecommunication Facilities Findings:

In addition to the Conditional Use Permit findings, the Planning Commission must make the following wireless telecommunications facilities findings per Section 9661.7 of the Ordinance:

1. The proposed facility has been designed and located in compliance with all applicable provisions of the Ordinance. The wireless use remains secondary to the main office use on this parcel and is permitted in this zone with a conditional use permit. It has been designed to effectively screen and camouflage the antennas. The associated equipment will be installed on the roof of the building and out of public view. Further, the applicant

has completed the supplemental application to the satisfaction of the Director of Planning and Community Development, which serves, in part, as compliance verification.

2. The proposed facility has been designed and located to achieve compatibility with the community. Wireless telecommunications facilities are being incorporated into an existing building, and adequately screened from the surrounding area.
3. The applicant has submitted a statement of its willingness to allow other carriers to collocate on the proposed wireless telecommunications facility wherever technically and economically feasible and where collocation would not harm community compatibility. The applicant shares the use of the building site with other providers. The project does not change this arrangement.
4. Noise generated by equipment will not be excessive, annoying, nor be detrimental to the public health, safety, and welfare, and will not exceed the standards set forth in the Ordinance. The project does not increase the overall number of antennas or equipment cabinets, and the applicant has certified that the project will not result in an increase of noise over current conditions. Further, the conditions of approval regulate permissible noise and provide a procedure for addressing potential noise effects.

Conditions of Approval specific to wireless telecommunications facilities, as outlined in the Ordinance, are included in the Draft Resolution and Conditions of Approval, and are attached to this report.

III. ENVIRONMENTAL REVIEW

The project is exempt under Section 15303 (Class 3) of the California Environment Quality Act. This class consists of the construction and location of limited numbers of new, small facilities or structures, or installation of small equipment into a structure. Additionally and independently, the Project is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. It can be seen with certainty that there is no possible significant effect directly related to the Project, therefore no further action is required under CEQA pursuant to Section 15061(b)(3) of the State CEQA Guidelines (14 CCR § 15061(b)(3)).

IV. RECOMMENDATION

Based on the above analysis, staff recommends approval of Conditional Use Permit Case No. 12-CUP-001, subject to the conditions of approval included in the attached Draft Resolution.

V. ATTACHMENTS

- Draft Resolution of Approval and Conditions of Approval
- Exhibit A: Vicinity/Zoning Map
- Exhibit B: Copy of Reduced Plans and Photo-simulations of the Proposed Facility
- Exhibit C: Photos of the Building, and Project Site

Case Planner: Valerie Darbouze, Associate Planner

DRAFT RESOLUTION NO. _____

A RESOLUTION OF THE PLANNING COMMISSION OF THE
CITY OF AGOURA HILLS CONDITIONALLY APPROVING
WIRELESS TELECOMMUNICATIONS FACILITIES
CONDITIONAL USE PERMIT CASE NO. 12-CUP-001

THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS HEREBY FINDS,
RESOLVES AND ORDERS AS FOLLOWS:

Section 1. An application was duly filed by SAC Wireless for Sprint Nextel, Inc. with respect to the real property located 28030 Dorothy Drive (A.P.N. 2061-013-037) for a Wireless Telecommunications Facilities/Conditional Use Permit to replace four (4) wall-mounted, wireless telecommunications facility panel antennas with three (3) new panel antennas and replace three (3) existing roof-mounted cabinets with three (3) new cabinets and new accessory equipment on an office building.

Section 2. The Planning Commission of the City of Agoura Hills considered the application at a public hearing held on March 7, 2013, at 6:30 p.m. in the Council Chambers, City Hall at 30001 Ladyface Court, Agoura Hills, California. Notice of the time, date and place and purpose of the aforesaid was duly given.

Section 3. Evidence, both written and oral, including the staff report and supporting documentation, was presented to and considered by the Planning Commission at the aforesaid public hearing.

Section 4. Pursuant to Section 9673.2.E. of the Agoura Hills Zoning Ordinance, and based upon the evidence presented at the hearing, including the staff report and oral and written testimony, the Planning Commission finds, that:

1. The proposed use, as conditioned, is consistent with the objectives of the Zoning Ordinance and the purposes of the district in which the use is located. Wireless telecommunications facilities are allowed in the Business Park-Office/Retail zone, subject to the issuance of a Conditional Use Permit. The wall-mounted antennas will be completely screened with a material stuccoed and painted to match the color of the building. The addition of the screen box to the façade will not create a visual distraction or block views along the freeway.
2. The proposed use is compatible with the surrounding properties. The Ordinance allows such facilities in the BP-OR zone. The proposed antennas would not impact the surrounding community in that they are camouflaged from view and the equipment is not visible from the outside. The antennas will not interfere with any of the existing businesses on or around the proposed site.
3. The proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety or welfare. Wireless telecommunications facilities must be built in compliance with the City's Building Code, and are subject to inspection by the City's Building Department to ensure

they are constructed in a safe manner. The Federal Communication Commission (FCC) regulates wireless telecommunications facilities, with regards to other related health and safety issues, particularly RF emissions, and establishes thresholds of RF emissions beyond which a facility cannot exceed. As part of the conditions of approval, and pursuant to the Ordinance, the applicant would be required to demonstrate continued compliance with the FCC emission standards.

4. The proposed use will comply with each of the applicable provisions of the Zoning Ordinance. Wireless telecommunications facilities are allowed in the BP-OR-FC zone, subject to the issuance of a Conditional Use Permit. The facilities are designed and located in compliance with the Zoning Ordinance, and with the conditions of approval imposed, will comply with the applicable provisions of the Ordinance.
5. The distance from other similar and like uses is sufficient to maintain the diversity within the community. The building hosts two other providers with wall-mounted antennas. One provider has received an approval to screen the antennas and is in the process of preparing construction plans. The third provider has not yet requested to upgrade the facility therefore the antennas are visible from the parking lot. The concentration of providers on Dorothy Drive is possibly a result of the previous zoning ordinance requirements, which prohibited facilities west of Palo Comado Canyon Drive in the BP-OR zone, and the only other permitted zone for wireless facilities was BP-M. The interest from property owners may also have been a factor. The proximity of the buildings to the freeway and the elevation of the building pads, minimizing obstacles to wave transmission, provide a suitable environment for wireless telecommunications facilities. Over the years, other facilities have been approved on office buildings in the vicinity of the proposed location, but with the proposed design, the wireless telecommunications facilities would remain invisible to public view and would not contribute to visual over-concentration of similar uses.
6. The proposed use is consistent with the goals and policies of the General Plan with respect to wireless telecommunications facilities, particularly with Goal U-6 and Policies U-6.1 and U-6.2. The General Plan seeks quality communication systems that meet the demands of new and existing developments in the City, which this proposed use does by providing improved wireless telecommunication services and implementation of state-of-the-art telecommunications services. The General Plan requires that the installation of telecommunication infrastructure, such as cellular sites, be designed in a manner as to minimize visual impacts on the surrounding environment and neighborhood, and to be as unobtrusive as possible, which this project accomplishes by screening the antennas behind a solid stuccoed screen and placing the equipment on the roof of the building behind a parapet wall.

Section 5. Pursuant to Section 9661.7.A of the Agoura Hills Zoning Ordinance, and based upon the evidence presented at the hearing, including the staff report and oral and written testimony, the Planning Commission finds that:

1. The proposed facilities have been designed and located in compliance with all applicable provisions of Division 11 of Part 2, Chapter 6 of Title IX Zoning. The proposed facilities remain secondary to the main office use on this parcel and are permitted in this zone with a conditional use permit. The facilities have been designed to effectively screen and camouflage the antennas. The associated equipment will be installed on the roof of the building and out of public view. Further, the applicant has completed the supplemental application to the satisfaction of the Director of Planning and Community Development, which serves as compliance verification.
2. The proposed facility has been designed and located to achieve compatibility with the community. Wireless telecommunications facilities are being incorporated into an existing building, and adequately screened from the surrounding area.
3. The applicant has submitted a statement of its willingness to allow other carriers to collocate on the proposed wireless telecommunications facilities wherever technically and economically feasible and where collocation would not harm community compatibility. The applicant shares the use of the building walls and the building site with other providers. The project does not change this arrangement.
4. Noise generated by equipment will not be excessive, annoying, nor be detrimental to the public health, safety, and welfare, and will not exceed the standards set forth in Division 11 of Part 2, Chapter 6 of Title IX Zoning. The project does not increase the overall number of antennas or equipment cabinets, and the applicant has certified that the project will not result in an increase of noise over current conditions. Further, the conditions of approval regulate permissible noise and provide a procedure for addressing potential noise effects.

Section 6. CEQA Findings.

- A. The Planning Commission hereby finds that the approval of the project is categorically exempt from the California Environmental Quality Act (Public Resources Code Section 2100 et seq., "CEQA"), pursuant to Section 15303 (Class 3), because the project involves the construction and location of limited numbers of new, small facilities or installation of small equipment into a structure, and does not have any potential for causing a significant effect on the environment. Additionally and independently, the Planning Commission finds that the Project is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. It can be seen with certainty that there is no possible significant effect directly related to the project, therefore no further action is required under CEQA pursuant to Section 15061(b)(3) of the State CEQA Guidelines (14 CCR § 15061(b)(3)).
- B. The custodian of records for all materials that constitute the record of proceeding upon which this decision is based is the City Clerk, and those documents are

available for public review in the City Clerk's office located at 30001 Ladyface Court, Agoura Hills, California 91301.

Section 7. Based on the aforementioned findings, the Planning Commission hereby approves Wireless Telecommunications Facilities/Conditional Use Permit No. 12-CUP-001, subject to the attached Conditions of Approval, with respect to the property described in Section 1.

Section 8. The Secretary of the Planning Commission shall certify to the passage, approval, and adoption of this resolution, and shall cause this resolution and this certification to be entered in the Book of Resolutions of the Planning Commission of the City.

PASSED, APPROVED and ADOPTED this 7th day of March, 2013, by the following vote to wit:

AYES: (0)
NOES: (0)
ABSTAIN: (0)
ABSENT: (0)

Michael Justice, Chairperson

ATTEST:

Michael Kamino, Secretary

**Conditions of Approval
(Case No. 12-CUP-001)**

STANDARD CONDITIONS

1. This decision, or any aspect of this decision, can be appealed to the City Council within fifteen (15) days from the date of Planning Commission action, subject to filing the appropriate forms and related fees.
2. This action shall not be effective for any purpose until the applicant has agreed in writing that the applicant is aware of, and accepts all Conditions of this Permit with the Department of Planning and Community Development.
3. Except as modified herein, the approval of this action is limited to and requires complete conformation to the approved labeled exhibits: Site Plan; Elevation Plan; and Details Plan.
4. All exterior materials used in this project shall be in conformance with the materials samples submitted as a part of this application.
5. It is hereby declared to be the intent that if any provision of this Permit is held or declared to be invalid, the Permit shall be void and the privileges granted hereunder shall lapse.
6. It is further declared and made a Condition of this action that if any Condition herein is violated, the Permit shall be suspended and the privileges granted hereunder shall lapse; provided that the applicant has been given written notice to cease such violation and has failed to do so for a period of thirty (30) days.
7. All requirements of the Zoning Ordinance and of the specific zoning designation of the subject property must be complied with unless set forth in the Conditional Use Permit.
8. Unless this permit is used within two (2) years from the date of City approval, Case No. 12-CUP-001 will expire. A written request for a one (1) year extension may be considered prior to the expiration date.
9. Operation of the use shall not be granted until all Conditions of Approval have been complied with as determined by the Director of Planning and Community Development.
10. Prior to the issuance of building permits, all requirements of the Los Angeles County Fire Department shall be satisfied.
11. The facility will require the approval of the Building and Safety Department prior to installation and operation.
12. The term "facility" shall mean the wireless telecommunications facility described in the application and set forth in Section 1 of the Resolution approving these conditions of approval.

WIRELESS TELECOMMUNICATIONS FACILITIES STANDARD CONDITIONS

1. The permittee shall submit an as built drawing within ninety (90) days after installation of the facility.
2. The permittee shall submit and maintain current at all times basic contact and site information on a form to be supplied by the City. The permittee shall notify the City of any changes to the information submitted within seven (7) days of any change, including change of the name or legal status of the owner or operator. This information shall include, but is not limited to, the following:
 - a. Identity, including the name, address and 24-hour local or toll free contact phone number of the permittee, the owner, the operator, and the agent or person responsible for the maintenance of the facility.
 - b. The legal status of the owner of the wireless telecommunications facility, including official identification numbers and Federal Communications Commission certification.
 - c. Name, address and telephone number of the property owner if different than the permittee.
3. Upon any transfer or assignment of the permit, the Director may require submission of any supporting materials or documentation necessary to determine that the proposed use is in compliance with the existing permit and all of its conditions of approval including, but not limited to, statements, photographs, plans, drawings, models, and analysis by a qualified radio frequency engineer demonstrating compliance with all applicable regulations and standards of the Federal Communications Commission and the California Public Utilities Commission. If the Director determines that the proposed operation is not consistent with the existing permit, the Director shall notify the permittee who shall either revise the application or apply for modification of the permit pursuant to the requirements of the Agoura Hills Municipal Code.
4. The permittee shall not place any facilities that will deny access to, or otherwise interfere with, any public utility, easement, or right-of-way located on the site. The permittee shall allow the City reasonable access to, and maintenance of, all utilities and existing public improvements within or adjacent to the site, including, but not limited to, pavement, trees, public utilities, lighting and public signage.
5. At all times, all required notices and signs shall be posted on the site as required by the Federal Communications Commission and California Public Utilities Commission, and as approved by the City. The location and dimensions of a sign bearing the emergency contact name and telephone number shall be posted pursuant to the approved plans.
6. At all times, the permittee shall ensure that the facility complies with the most current regulatory and operational standards including, but not limited to, radio frequency emissions standards adopted by the Federal Communications Commission and antenna

height standards adopted by the Federal Aviation Administration, and shall timely submit all monitoring reports required pursuant to section 9661.13 of the Agoura Hills Municipal Code.

7. If the Director determines there is good cause to believe that the facility may emit radio frequency emissions that are likely to exceed Federal Communications Commission standards, the Director may require post-installation testing, at permittee's expense, or the Director may require the permittee to submit a technically sufficient written report certified by a qualified radio frequency emissions engineer at other than the regularly required intervals specified in Section 9661.13 of the Agoura Hills Municipal Code, certifying that the facility is in compliance with such FCC standards.
8. Permittee shall pay for and provide a performance bond, which shall be in effect until the facility is fully and completely removed and the site reasonably returned to its original condition, to cover permittee's obligations under these conditions of approval and the Agoura Hills Municipal Code. The bond coverage shall include, but not be limited to, removal of the facility, maintenance obligations and landscaping obligations. Such performance bond shall be in a form satisfactory to the City Attorney and Risk Manager, naming the City as obligee, in an amount equal to \$25,000.
9. If a nearby property owner registers a noise complaint and such complaint is verified as valid by the City, the City may hire a consultant to study, examine and evaluate the noise complaint and the permittee shall pay the fee for the consultant. The matter shall be reviewed by the Director. If the Director determines sound proofing or other sound attenuation measures should be required to bring the project into compliance with the Agoura Hills Municipal Code, the Director may impose that condition on the project after notice and a public hearing.
10. Permittee shall defend, indemnify, protect and hold harmless City, its elected and appointed Council Members, boards, commissions, officers, officials, agents, consultants, employees, and volunteers from and against any and all claims, actions, or proceeding against the City, and its elected and appointed Council Members, boards, commissions, officers, officials, agents, consultants, employees, and volunteers to attack, set aside, void or annul, an approval of the City, Planning Commission or City Council concerning this permit and the project. Such indemnification shall include damages, judgments, settlements, penalties, fines, defensive costs or expenses, including, but not limited to, interest, attorneys' fees and expert witness fees, or liability of any kind related to or arising from such claim, action, or proceeding. The City shall promptly notify the permittee of any claim, action, or proceeding. Nothing contained herein shall prohibit City from participating in a defense of any claim, action or proceeding. The City shall have the option of coordinating the defense, including, but not limited to, choosing counsel for the defense at permittee's expense.
11. "Permittee" shall include the applicant and all successors in interest to this permit.
12. The facility shall bear no signs or advertising devices other than certification, warning or other signage required by law or permitted by the City.

13. The facility shall not be illuminated unless specifically required by the Federal Aviation Administration or other government agency. Lightning arresters and beacon lights are not permitted unless required by the Federal Aviation Administration or other government agency. Any required lighting shall be shielded to eliminate, to the maximum extent possible, impacts on the surrounding neighborhoods, and a lighting study shall be prepared by a qualified lighting professional to evaluate potential impacts to adjacent properties, which must be reviewed and approved by the City prior to the installation of any lighting.
14. The permittee shall submit to the City within ninety (90) days of beginning operations under this permit, and every two years from the date the facility begins operations, a technically sufficient report (“monitoring report”) that demonstrates the following:
 - a. The facility is in compliance with applicable federal regulations, including Federal Communications Commission RF emissions standards, as certified by a qualified radio frequency emissions engineer;
 - b. The facility is in compliance with all provisions of this section and its conditions of approval.
 - c. The bandwidth of the facility has not been changed since the original application or last report, as applicable, and if it has, a full written description of that change.
15. Noise.
 - a. The facility shall be operated and maintained in such a manner so as to minimize any possible disruption caused by noise.
 - b. The facility is not approved for a backup generator. In the event of an emergency that results in a loss of power to the facility, a temporary emergency backup generator may be employed and shall only be operated during periods of power outages, and shall not be tested on weekends or holidays, or between the hours of 7:00 PM and 7:00 AM. The temporary emergency backup generator shall be promptly removed from the premises once the emergency is terminated.
 - c. At no time shall equipment noise from the facility exceed an exterior noise level of fifty-five (55) dBA at the facility’s property line and such equipment noise shall at no time be audible at the property line of any property zoned residential or improved with a residential use that is located within five hundred (500) feet of the facility.
 - d. All air conditioning units and any other equipment that may emit noise that would be audible from beyond the facility’s property line shall be enclosed or equipped with noise attenuation devices to the extent necessary to ensure compliance with applicable noise limitations under the City of Agoura Hills Municipal Code.

- e. Except for emergency repairs, any testing and maintenance activities that will be audible beyond the property line shall only occur between the hours of 7:00 a.m. and 7:00 p.m. on Monday through Friday, excluding holidays, unless alternative hours are approved by the Director.
16. Features designed to make the facility resistant to, and minimize opportunities for, unauthorized access, climbing, vandalism, graffiti and other conditions that would result in hazardous situations, visual blight or attractive nuisances shall not be removed by permittee and shall be maintained in good condition.
 17. The facility, including, but not limited to, antennas, accessory equipment, walls, shields, cabinets, camouflage, and the facility site, shall be maintained in good condition, including ensuring the facility is reasonably free of:
 - a. General dirt and grease;
 - b. Chipped, faded, peeling, and cracked paint;
 - c. Rust and corrosion;
 - d. Cracks, dents, and discoloration;
 - e. Missing, discolored or damaged screening or other camouflage;
 - f. Graffiti, bills, stickers, advertisements, litter and debris;
 - g. Broken and misshapen structural parts; and
 - h. Any damage from any cause.

The permittee shall replace its facility, or part thereof, after obtaining all required permits, if maintenance or repair is not sufficient to return the facility to the condition it was in at the time of installation. The permittee shall routinely inspect the facility and site to ensure compliance with the standards set forth in the Agoura Hills Municipal Code and these conditions of approval.

18. Graffiti shall be removed from a facility as soon as practicable, and in no instance more than twenty-four (24) hours from the time of notification by the City, unless a provision of the Agoura Hills Municipal Code provides a shorter time period for removal.
19. In the event the permittee desires to modify the facility, the permittee shall apply for and obtain all permits or permit amendments required by the Agoura Hills Municipal Code prior to making any modification to the facility. At a minimum, any application for modification to the facility shall use the screening and camouflage designs approved by this permit unless a more effective screen, concealment or camouflage design is proposed by the permittee or required by the Agoura Hills Municipal Code, or the building is remodeled such that it necessitates a new screen concealment or camouflage design that is consistent with the building façade. Additionally, to the extent feasible, existing

equipment shall be replaced with equipment that reduces visual, noise and other impacts, including, but not limited to, replacing larger, more visually intrusive facilities with smaller, less visually intrusive facilities. "Modification means a change to an existing wireless telecommunications facility that involves any of the following: collocation, expansion, alteration, enlargement, intensification, reduction, or augmentation, including, but not limited to, changes in size, shape, color, visual design, or exterior material. "Modification does not include repair, replacement or maintenance if those actions do not involve a change to the existing facility involving any of the following: collocation, expansion, alteration, enlargement, intensification, reduction, or augmentation.

20. This permit shall be valid for a period of ten (10) years from the date of Planning Commission approval, which is the date of issuance, unless pursuant to another provision of the Agoura Hills Municipal Code it lapses sooner or is revoked. At the end of ten (10) years from the date of issuance, this permit shall expire.
21. In the event the facility ceases to provide wireless telecommunications services for ninety (90) or more consecutive days, the facility shall be considered abandoned and shall be promptly removed as provided in these conditions of approval and the Agoura Hills Municipal Code. If there are two (2) or more users of a single facility, then this provision shall not become effective until all users cease using the facility.
22. The permittee shall notify the City in writing of its intent to abandon or cease use of the facility within ten (10) days of ceasing or abandoning use. Additionally, the permittee shall provide written notice to the Director of any discontinuation of operations of thirty (30) days or more.
23. Failure to inform the Director of cessation or discontinuation of operations of the facility as required by these conditions of approval shall constitute a violation of the conditions of approval and be grounds for:
 - a. Prosecution;
 - b. Revocation or modification of the permit;
 - c. Calling of any bond or other assurance required by the Agoura Hills Municipal Code or conditions of approval of the permit;
 - d. Removal of the facility by the City in accordance with the procedures established under the Agoura Hills Municipal Code for abatement of a public nuisance at the permittee's expense; and/or
 - e. Any other remedies permitted under the Agoura Hills Municipal Code.
24. Upon the expiration date of the permit, including any extensions, earlier termination or revocation of the permit or abandonment of the facility, the permittee, the property owner, or both shall remove the facility and restore the site to its natural condition except for retaining the landscaping improvements and any other improvements at the discretion

- of the City. Removal shall be in accordance with proper health and safety requirements and all ordinances, rules, and regulations of the City. The facility shall be removed from the property, at no cost or expense to the City. The private property owner shall be independently responsible for the expense of timely removal and restoration.
25. Failure of the permittee, property owner, or both to promptly remove the facility and restore the property within thirty (30) days after expiration of this permit, earlier termination or revocation of this permit, or abandonment of the facility, shall be a violation of the Agoura Hills Municipal Code, and shall be grounds for:
- a. Prosecution;
 - b. Calling of any bond or other assurance required by the Agoura Hills Municipal Code or conditions of approval of permit;
 - c. Removal of the facility by the City in accordance with the procedures established under the Agoura Hills Municipal Code for abatement of a public nuisance at the permittee and/or property owner's expense; and/or
 - d. Any other remedies permitted under the Agoura Hills Municipal Code.
26. The facility shall comply at all times with any and all applicable local, state, and federal laws, regulations and guidelines. Any violation of these conditions of approval or the Agoura Hills Municipal Code may be subject to the citations, penalties and fines as set forth in the Agoura Hills Municipal Code, other available remedies and/or revocation or modification of this permit at the discretion of the City Attorney and City Prosecutor.

END

City of Agoura Hills

CONDITIONAL USE PERMIT - CASE NO. 12-CUP-001



Vicinity/Zoning
Map

Project Site



0 55 110 220 330 440 Feet



NETWORK VISION MMBTS LAUNCH AGOURA HILLS LA03XC200

ROOFTOP
28030 DOROTHY DR.
AGOURA HILLS, CA 91301
CITY OF AGOURA HILLS
LATITUDE: 34° 8' 30.011" N
34.141670
LONGITUDE: 118° 44' 12.012" W
-118.736670
LOS ANGELES MARKET



SHEET	DESCRIPTION
T-1	TITLE SHEET
T-2	GENERAL NOTES & SYMBOLS
T-3	GENERAL NOTES
T-4	SIGNAGE, NOTES & ABBREVIATIONS
T-5	ZONING DOCUMENTS
A-1	ENLARGED ANTENNA & EQUIPMENT PLANS (M)
A-2	OVERALL SITE PLAN
A-3	ENLARGED ANTENNA & EQUIPMENT PLANS (N)
A-4	ENLARGED ANTENNA & EQUIPMENT PLANS (S)
A-5	(E) & (N) SOUTH ELEVATIONS
A-6	(E) & (N) WEST ELEVATIONS
A-7	(E) & (N) NORTH ELEVATIONS
A-8	(E) & (N) EAST ELEVATIONS
A-9	EQUIPMENT DETAILS
A-10	CONSTRUCTION DETAILS
A-11	(M) COLOR CODING
E-1	SCHEMATIC GROUNDING PLANS
E-2	GROUNDING DETAILS



PROJECT INFORMATION:
NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

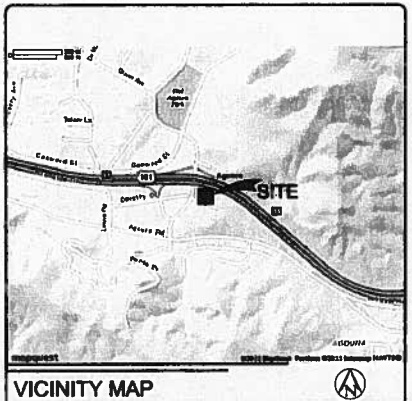
SHEET INDEX

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.
- CALIFORNIA ADMINISTRATIVE CODE (INCL. TITLE 24 & 25)
 - 2010 CALIFORNIA BUILDING CODE
 - 2010 CALIFORNIA GREEN BUILDING STANDARDS CODE
 - 2010 CALIFORNIA PLUMBING CODE
 - 2010 CALIFORNIA MECHANICAL CODE
 - 2010 CALIFORNIA ELECTRICAL CODE
 - 2010 CALIFORNIA FIRE CODE
 - 2008 INTERNATIONAL PROPERTY MAINTENANCE CODE
 - 2010 CALIFORNIA ENERGY CODE
 - CITY OF AGOURA HILLS BUILDING CONSTRUCTION REGULATION CODE (ORDINANCE #10-381)

ACCESSIBILITY REQUIREMENTS:

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



VICINITY MAP

DRIVING DIRECTIONS

- FROM SPRINT OFFICE IN IRVINE, CA
1. START OUT GOING NORTHEAST ON COMMERCCE TOWARD EL CAMINO REAL.
 2. TURN LEFT ONTO EL CAMINO REAL.
 3. TURN LEFT ONTO JAMBORREE RD.
 4. MERGE ONTO I-5 N.
 5. KEEP LEFT TO TAKE US-101 N TOWARD LOS ANGELES/CVIC CENTER.
 6. TAKE EXIT 35 TOWARD CHESTER/ RD/AGOURA HILLS.
 7. TURN LEFT ONTO PAUL COVARD CANYON RD.
 8. TURN LEFT ONTO DOROTHY DR.
 9. 28030 DOROTHY DR IS ON THE RIGHT.

DRIVING DIRECTIONS

APPLICANT:

SPRINT
310 EMERIDGE
IRVINE, CALIFORNIA 92602
CONTACT: 180

PROPERTY INFORMATION:

PROPERTY OWNER:
JACK DANIELS & SHEILLE HARRIS-DANIELS
CAL WEST ENTERPRISES, INC.
28030 DOROTHY DRIVE, SUITE 208
AGOURA HILLS, CA 91301

CONTACT: JACK DANIELS
PHONE: (818) 708-7383

BUILDING CODE: 2010 CBC
ZONING CLASSIFICATION: R-1
OCCUPANCY / USE: TELECOMMUNICATIONS FACILITY
PROPOSED PROJECT USE: TELECOMMUNICATIONS FACILITY
TYPE OF CONSTRUCTION: UNKNOWN
LOT AREA: 821,072 SQ.FT.
BUILDING AREA: 414,078 SQ.FT.
OF STORIES / HEIGHT: 2 FLOORS + GROUND LEVEL/84'3"-8"
SUBDIVISION: 2081-013-037
PARCEL NUMBER(S): 2081-013-037

LEGAL DESCRIPTION:

LEGAL DESCRIPTION WAS OBTAINED ON 11-29-2011 VIA EXISTING PLANS/TITLE REPORT PARCEL 1:
LOT 24 IN BLOCK 13 OF TRACT NO. 8451, IN THE CITY OF AGOURA HILLS, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 104 PAGES 79 THROUGH 80 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.
EXCEPT THEREFROM THAT PORTION OF SAID LAND, DESCRIBED AS FOLLOWS:
BEGINNING AT THE MOST NORTHEAST CORNER OF SAID LOT 24; THENCE SOUTH 84° 55' 00" EAST ALONG THE NORTHEASTLY BOUNDARY OF SAID LOT 24 TO THE POINT OF BEGINNING WHICH BEARS NORTH 85° 50' 00" WEST, 8 FEET FROM THE NORTHEASTLY CORNER OF SAID LOT 24; THENCE CONTINUING ALONG SAID LINE, SOUTH 84° 55' 00" EAST, 8 FEET TO SAID NORTHEASTLY CORNER; THENCE SOUTH 25° 05' 00" WEST, 187.01 FEET TO THE SOUTHWESTLY CORNER OF SAID LAND; THENCE IN A DIRECT LINE NORTHERLY TO THE POINT OF BEGINNING.

LEASE AREA:
APPROX 184 SQ.FT. (E)

PROJECT SUMMARY

ARCHITECT:

NESTOR POPOVICH, AA
SAC WIRELESS, LLC
5885 AVENIDA ENCINAS, SUITE 142-B
CARLSBAD, CA 92008
CONTACT: RICHARD COOKS
PH: (760) 785-3200
EMAIL: RICHARD.COOKS@SACW.COM

STRUCTURAL:

SAC WIRELESS, LLC
5885 AVENIDA ENCINAS, SUITE 142-B
CARLSBAD, CA 92008

SITE ACQ PROJECT MANAGER:

ALCATEL-LUCENT
CONTACT: RICHARD COOKS
PH: (925) 787-7288

CONSTRUCTION MANAGER:

ALCATEL-LUCENT
CONTACT: KATH BARRETT
PH: (415) 235-1225

PLANNING CONSULTANT:

SAC WIRELESS
CONTACT: JENNIFER CHESNEY
PH: (448) 235-8282

ELECTRICAL ENGINEER:

CONTACT: ROBERT JOHNSON
PH: 818-878-4433

POWER COMPANY:

SCE
CONTACT: TRACY BASS
PH: 949-957-1524

TELCO COMPANY:

EMERITE
EMAIL: brian.bots@alcatel-lucent.com

CODE BLOCK

APPROVAL	SIGNATURE	DATE
PROJECT MANAGER		
CONSTRUCTION MANAGER	THOMAS TRAPANI	02/25/12
RF ENGINEER		
SITE ACQUISITION	T. AHERDE/SACW	02/28/12
PLANNING CONSULTANT		
PROPERTY OWNER		
SPRINT REP		

SIGNATURE BLOCK

SPRINT PROPOSES TO MODIFY AN (E) UNMANNED TELECOMMUNICATIONS FACILITY

- REMOVE (X) (E) PANEL ANTENNAS
- INSTALL (X) (E) PANEL ANTENNAS
- REMOVE ALL (E) ANTENNA COAX
- INSTALL (X) (E) HYBRID/FIBER CABLES USING (E) COAX ROUTE
- REMOVE (X) (E) WOODCELL 4.0 COMPACT EQUIPMENT CABINET
- INSTALL (X) (E) WOODCELL 4.0 CABINET WITH (N) RADIO HARDWARE
- REMOVE (X) (E) BATTERY BACK UP CABINET (BOC)
- REMOVE (X) (E) POWER CABINET (BOC)
- INSTALL (X) (E) BATTERY BACK UP CABINET (BOC/C2)
- REMOVE (X) (E) TURN UNITS
- INSTALL (X) (E) JUNCTION BOX

	(E) APPROVAL	(E) ON SITE	(PROPOSED) MOD
# OF ANTENNAS	8	4	3
SIZE OF ANTENNAS	4'-0"	4'-0"	8'-0"
EQUIPMENT	X	4	4

PROJECT DESCRIPTION

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 100% CD REVIEW	DNR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD'S	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

LICENSURE:



SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

REVISION:



THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

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9.0	STRUCTURAL STEEL
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COMPLY WITH THESE STANDARDS UNLESS OTHERWISE REQUIRED BY APPLICABLE CODES

***GENERAL CONTRACTOR SHALL COMPLY WITH OSHA AND SPRINT STANDARD SAFETY AND CONSTRUCTION PROCEDURES.**

1.0 CONSTRUCTION TO CONFORM TO SPRINT WIRELESS INTEGRATED CONSTRUCTION STANDARDS	
1.1 PURPOSE AND INTENT	A. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH. SHOULD THERE BE ANY DISCREPANCIES BETWEEN REQUIREMENTS SHOWN IN BOTH, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
1.2 CONFLICTS	B. THE INTENT OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.
1.3 CLEANING	C. THE PURPOSE OF THE SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK.
1.4 CODES	A. VERIFY ALL MEASUREMENTS AT THE SITE BEFORE ORDERING MATERIAL OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS OR DIMENSIONS SHOWN ON PLANS. SUBMIT NOTICE OF ANY DISCREPANCY IN DIMENSIONS OR OTHERWISE TO SPRINT WIRELESS FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
1.5 LICENSING	B. NO PLEA OF IGNOREANCE OF CONDITIONS THAT EXIST OR OF DIFFICULTIES OF CONDITIONS THAT MAY BE IDENTIFIED, OR OF ANY OTHER RELEVANT MATTER CONCERNING THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS GOVERNING THE WORK.
1.6 OSHA	
1.7 PHOTOS	
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4.2 PRODUCTS AND MATERIALS	
5.0 LANDSCAPING	
6.0 CONCRETE FORMWORK	
7.0 CONCRETE REINFORCEMENT	
8.0 CAST-IN-PLACE CONCRETE	
9.0 STRUCTURAL STEEL	
10.0 GROUNDING	

4.2 PRODUCTS AND MATERIALS (AS APPROVED BY CONSTRUCTION MANAGER OR AS WITHIN CONSTRUCTION DOCUMENTS)

- COMPOUND FABRIC 84 INCHES HIGH AND OVER WITH 2-INCH MESH SHALL BE KNUDGED AT ONE SELVAGE AND TWISTED AT THE OTHER.
- STEEL FABRIC: COMPLY WITH CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI) PRODUCT MANUAL. FURNISH ONE PIECE OF FABRIC WIDTHS. WIRE SIZE INCLUDES ZINC OR ALUMINUM COATING.

- SIZE: 2-INCH MESH @ GAUGE (0.148-INCH DIAMETER) WIRE.
- TYPE 1 PIPE NOT-OVERDRAILED GALVANIZED STEEL PIPE CONFORMING TO ASTM F 1063. FLAME ENDS, STANDARD WEIGHT (SCHEDULE 40) WITH NOT LESS THAN 18 OZ. ZINC PER SQ. FT. OF SURFACE AREA COATED.
- TYPE 1 PIPE NOT-OVERDRAILED GALVANIZED STEEL PIPE CONFORMING TO ASTM F 1063. FLAME ENDS, STANDARD WEIGHT (SCHEDULE 40) WITH NOT LESS THAN 18 OZ. ZINC PER SQ. FT. OF SURFACE AREA COATED.
- TYPE 1 PIPE NOT-OVERDRAILED GALVANIZED STEEL PIPE CONFORMING TO ASTM F 1063. FLAME ENDS, STANDARD WEIGHT (SCHEDULE 40) WITH NOT LESS THAN 18 OZ. ZINC PER SQ. FT. OF SURFACE AREA COATED.
- FILLINGS: COMPLY WITH ASTM F 539 HULL FINISHED ALUMINUM OR GALVANIZED IRON STEEL TO COMPLY WITH MANUFACTURER'S REQUIREMENTS.
- TOP RAIL: MANUFACTURER'S LONGEST LENGTHS, WITH EXPANSION SHOT COUPLINGS, APPROXIMATELY 8 INCHES LONG, FOR EACH JOINT. PROVIDE MEANS FOR ATTACHING TOP RAIL SECURELY TO EACH GATE CORNER, PULL AND END POST.
- VALVE: COMPLY WITH 1 1/4 INCH NPS (1.68 INCH O.D.) TYPE 1 OR 8 STEEL PIPE OR 1.625 INCH x 1.25 INCH ROLL-FORMED C SECTIONS WEIGHING 1.38 LBS. PER FT.
- SWING GATES: COMPLY WITH ASTM F 900. PROVIDE HARDWARE AND ACCESSORIES FOR EACH GATE, GALVANIZED PER ASTM A 153, AND IN ACCORDANCE WITH THE FOLLOWING:
 - HINGES: NON LIFT - OFF TYPE, OFFSET TO PERMIT ISO DEG. GATE OPENING.
 - LATCH: ITS MULTI-LOCKING DEVICE MT-C6477 OR APPROVED EQUAL.
 - KEEPER: PROVIDE KEYS FOR VEHICLE GATES, WHICH AUTOMATICALLY ENGAGES GATE LEAF AND HOLDS IT IN OPEN POSITION UNTIL MANUALLY RELEASED.

- CONCRETE: PROVIDE CONCRETE CONSISTING OF PORTLAND CEMENT, ASTM C 150, AGGREGATES ASTM C 33, AND CLEAN WATER. MIX MATERIALS TO OBTAIN CONCRETE WITH A MINIMUM OF 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.

5.0 LANDSCAPING

- FURNISH, INSTALL AND MAINTAIN LANDSCAPE WORK AS SHOWN AND OR REQUIRED WITHIN THE CONSTRUCTION DOCUMENTS OR AS SPECIFIED IN THE SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS.

6.0 CONCRETE FORMWORK

- FORMS: SMOOTH AND FREE OF SURFACE IRREGULARITIES. UTILIZE FORM RELEASE AGENTS.
- CHAMFERED EDGES: ALL VERTICAL FORMWORK SHALL RECEIVE A 3/4" BY 3/4" 45 DEGREE CHAMFER. OTHER EXPOSED EDGES SHALL RECEIVE A TOoled ANGUS FINISH.
- UPON COMPLETION, REMOVE ALL FORMS, INCLUDING THOSE CONCEALED OR BURIED.
- REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

7.0 CONCRETE REINFORCEMENT

REFER TO STRUCTURAL DRAWINGS FOR ALL REQUIREMENTS.

8.0 CAST-IN PLACE CONCRETE

FOR STRUCTURAL CONCRETE (FOOTINGS, FOUNDATIONS, ETC.), REFER TO STRUCTURAL DRAWINGS FOR REQUIREMENTS. FOR ANY MISCELLANEOUS CONCRETE, REFER TO SPECIFICATIONS FOR DETAILS AND OR OTHER REQUIREMENTS FROM CONSTRUCTION MANAGER.

- ALL CONCRETE SHALL COMPLY WITH ASTM C94 UNLESS NOTED OTHERWISE.
- MINIMUM COMPRESSIVE STRENGTH (FC) AT 28 DAYS: 4000 PSI FOR TOWER FOUNDATION AND 3500 PSI FOR ALL OTHER CONCRETE UNLESS SPECIFIED IN CONSTRUCTION DOCUMENTS.
- AIR ENTRAINMENT: PROVIDE 4 TO 8% AIR ENTRAINMENT FOR ALL CONCRETE SUBJECT TO FREEZE-THAW CYCLE.
- CONCRETE TESTING: ALL FOUNDATION CONCRETE SHALL BE TESTED BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE CONSTRUCTION MANAGER. ALL STRUCTURAL TOWER FOUNDATION CONCRETE MUST BE TESTED. EQUIPMENT OR BUILDING PADS ARE NOT REQUIRED TO BE TESTED, UNLESS OTHERWISE NOTED BY CONSTRUCTION MANAGER. PROVIDE A MINIMUM OF 3 CYLINDERS (2-7" DIA., 2-28" DIA., 1-SPREAD) FOR EACH DAYS POUR, OR FOR EVERY 50 YARDS PLACED, WHICHEVER IS GREATER. ADDITIONAL TESTS OR CYLINDERS MAY BE REQUIRED BY CONSTRUCTION MANAGER. A SLUMP, AIR, AND TEMPERATURE TEST SHALL BE PERFORMED FOR EACH SET OF CYLINDERS CAST. PREFERABLY, TESTS SHALL BE PERFORMED AT THE LOCATION OF ANCHOR BOLTS (PIERS - FOR MAT & PIERS, CASINGS - TOP 1/3 OF CASING). TESTS SHALL ALSO BE REQUIRED FOR CONCRETE CONSIDERED BEING LESS THAN DESIRABLE BY CONCRETE SPECIFICATION STANDARDS. THE TESTING AGENCY HAS THE AUTHORITY TO NOT ACCEPT CONCRETE MEETING THESE SPECIFICATIONS FOR SPRINT WIRELESS. THE CONTRACTOR IS RESPONSIBLE FOR ANY CONCRETE NOT MEETING THESE STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE TESTING AGENCY A MINIMUM OF 24 HOURS IN ADVANCE OF EACH FOUNDATION POUR. TEST REPORTS SHALL BE FORWARDED TO SPRINT CONSTRUCTION MANAGER WITHIN 24 HOURS OF LAB TEST.
- MINIMIZE ALL CONCRETE USING EXCESSIVE HIGH FREQUENCY LOW AMPLITUDE MECHANICAL IMMERSION TYPE VIBRATORS. INSERT VIBRATORS IN CONCRETE AT REGULAR INTERVALS AND OVER ENTIRE SURFACE TO SOLIDIFY FULL CONCRETE. MECHANICAL IMMERSION TYPE VIBRATORS. INSERT VIBRATORS IN CONCRETE AT REGULAR INTERVALS AND OVER ENTIRE SURFACE TO SOLIDIFY FULL CONCRETE AROUND AND BETWEEN REINFORCEMENT BARS AND INTO CORNERS AND IRREGULARITIES. VIBRATE THOROUGHLY THROUGH EACH LIFT TO THE PREVIOUS LIFT REINFORCEMENT AS LATE AS THE RUNNING VIBRATOR WILL SINK THROUGH UPPER LAYERS OF ITS WEIGHT IS RECOMMENDED. DISCONTINUE VIBRATION WHEN RISING ENTRAPPED AIR BUBBLES STOP BREAKING THE LEVELING SURFACE. DO NOT OVER VIBRATE AS THIS MAY CAUSE SEGREGATION.
- FINISHING EXPOSED CONCRETE SURFACES:
 - THESE PROVISIONS APPLY TO ALL EXPOSED AND ALL FORMED CONCRETE, EXTERIOR OR INTERIOR, UNLESS SPECIFICALLY DETAILED OTHERWISE.
 - PERFORM PROCEDURES PRIOR TO APPLICATION OF ANY CURING COMPOUND.
 - ALL SURFACES: THOROUGHLY CLEAN OFF ALL STAINS, SPATTERS AND LOOSE MATERIAL.
 - PIES, HOLES AND HIGH SPOTS: HOME SMOOTH WITH ABRASIVE POWER GRINDERS WHILE CONCRETE IS GREEN. IMMEDIATELY AFTER FORM REMOVAL.
 - FORM THE HOLES AND DEEP DEPRESSIONS: FLUSH THOROUGHLY WITH CLEAN WATER AND TAMP TO OVERFULL WITH DRYRACK. CURE 10 DAYS AND HOME FLUSH AND SMOOTH.

- ROCK POCKETS, HONEYCOMB, SAND STREAKS, DEBRIS AND VOIDS: CUT OUT AT LEAST 1 INCH DEEP WITH SIDES PERPENDICULAR TO SURFACE. FLUSH THOROUGHLY WITH CLEAN WATER. COAT SURFACE WITH NEAT CEMENT PASTE AND TAMP TO OVERFULL WITH DRYRACK IN AT LEAST TWO LAYERS. CURE FOR 10 DAYS AND HOME FLUSHED AND SMOOTH.

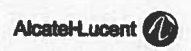
9.0 STRUCTURAL STEEL

MEET OR EXCEED MANUFACTURER'S RECOMMENDATIONS.

- UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315).
- ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL, CONFORMING TO ASTM A-601, GRADE 60, DEFORMED.
- HEATING AND BENDING OF BARS IS PROHIBITED WITH THE EXCEPTION OF WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER.
- ALL REINFORCEMENT BARS TO BE FREE FROM LOOSE RUST AND SCALE.
- UNLESS OTHERWISE NOTED, ALL REINFORCEMENT SHALL HAVE A MINIMUM CONCRETE COVERAGE OF 3 INCHES. THIS MAY REQUIRE SPACERS AND CHAIRS AS REQUIRED BY TESTING AGENCY OR CONSTRUCTION MANAGER.
- SPLICER IN REINFORCEMENT STEEL ARE PROHIBITED, UNLESS APPROVED BY CONSTRUCTION MANAGER. ALL SPLICES MUST THEN MEET ALL APPLICABLE ASTM STANDARDS FOR SPlicing.

10.0 GROUNDING

MEET ALL APPLICABLE CODES, REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS AND SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS.



PROJECT INFORMATION:

NETWORK VISION MMST LAUNCH

AGOURA HILLS

LA03XC200

2830 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

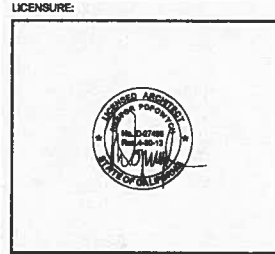
ISSUE DATE:
02/24/2012

ISSUED FOR:
100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	DETAILS
A	02/24/12	ISSUED FOR BOX CD REVIEW	DMR
B	03/13/12	ISSUED FOR BOX CD REVIEW	AMF
C	03/28/12	100%CD'S	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	RM

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE:

GENERAL NOTES

SHEET NUMBER: T-3 **REVISION:** Δ

BATTERY INFORMATION NOTES:

BATTERY MFG: EAST PGM MANUFACTURING
 MODEL No.: 120AR-145L
 ELECTROLYTE CONTENT PER BATTERY: 2.17 GALLONS
 ELECTROLYTE HAZARD CLASSIFICATION PER 29 C.F.R. (8.7.5 SULFURIC ACID): CORROSIVE
 No. of BATTERIES TO BE INSTALLED: 20 MAX. (20 PER CABINET)
 TOTAL ELECTROLYTE CONTAINED ON SITE (2.17 x 20 = 43.4): 43.4 GALLONS MAX.

A. QUANTITIES OF 500 GAL OR LESS ARE EXEMPT FOR TABLE 3-E OF THE 1997 U.L.C.

B. SINGLE VESSEL CAPACITIES OF 20 GAL. OR LESS, AND AGGREGATE QUANTITIES NOT IN EXCESS OF 100 GAL. ARE EXEMPT FOR ARTICLE 64 OF THE 2007 C.F.C.

C. QUANTITIES LESS THAN 50 GAL. ARE EXEMPT FROM C.F.C. ARTICLE 64, AND SHALL NOT REQUIRE PERMITS.
 D. ANY CHANGES OR ADDITIONS TO MAKE-UP BATTERIES MUST COMPLY WITH 2007 C.F.C. ARTICLE 64, AND SHALL NOT CONTAIN ELECTROLYTE QUANTITIES IN EXCESS OF 50

FIRE DEPARTMENT NOTES:

- A. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE INSPECTION 2 DAYS IN ADVANCE.
- B. A CFC PERMIT TO OPERATE BATTERY SYSTEMS WITH STATIONARY LEAD-ACID BATTERIES IS NOT REQUIRED FOR THE QUANTITIES ON SITE.
- C. A CFC PERMIT MAY BE REQUIRED FOR THE HAZARDOUS MATERIALS ON SITE.
- D. A HAZARDOUS MATERIALS IDENTIFICATION SIGN IS REQUIRED FOR ALL ENTRANCES INTO BATTERY STORAGE AREAS. LETTERS MUST BE AT LEAST 1" IN HEIGHT AND IN A COLOR WHICH CONTRASTS TO THE BACKGROUND OF THE SIGN AND LIST THE FOLLOWING:

CLASS 1 WATER REACTIVE LIQUID
TOXIC LIQUID
CORROSIVE LIQUID
OTHER HEALTH HAZARDOUS LIQUID
- E. AN APPROVED METHOD TO NEUTRALIZE SPILLED ELECTROLYTE SHALL BE PROVIDED IN THE BATTERY ROOM.
- F. BATTERIES SHALL BE PROVIDED WITH SAFETY VENTING CAPS.
- G. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE UNIFORM FIRE CODE STANDARD 10-1 AND PLACEMENT IS SUBJECT TO APPROVAL OF THE FIRE INSPECTOR.
- H. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
- I. EXIST DOORS SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EQUIPMENT.
- J. ADDRESS NUMBERS SHALL BE A MINIMUM 8 INCHES HIGH AND PLAINLY VISIBLE FROM ROADWAY BUILDING IS ADDRESSED ON.
- K. REQUIRED SIGNAGE SHALL INCLUDE LETTERING HEIGHT OF AT LEAST ONE INCH, IN A COLOR THAT CONTRASTS TO THE SIGN BACKGROUND, AND SHALL BE PROMINENTLY DISPLAYED.
- L. REQUIRED SIGNAGE SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, APPLICABLE TYPES FROM EXAMPLES SHOWN HEREIN (SEE SIGNAGE).

GENERATOR ACCESSORIES

1. MAIN LINE CIRCUIT BREAKER-100 AMPS, INSTALLED ON GENERATOR
2. VOLTAGE REGULATOR & 2R
3. SAFEGUARD BREAKER

ENGINE ELECTRICAL ACCESSORIES

1. ELECTRONIC/ISCHRONOUS GOVERNOR
2. BATTERY RACK, CABLES AND STARTING BATTERY SYSTEM-LEAD ACID TYPE, BATTERY CHARGER-AUTOMATIC, 8 AMP OUTPUT

ABBREVIATION

A.B.	ANCHOR BOLT
A.P.	ARCH
A.C.A.	ANTENNA CABLE COVER ASSEMBLY
ADD.	ADDITION
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
ALUM.	ALUMINUM
ALT.	ALTERNATE
AMC.	ARCHITECTURE
APPRO.	APPROPRIATELY
APR.	ARCHITECTURE
A.S.C.	AMERICAN WIRE GAUGE
B.L.C.	BUILDING
B.L.	BUILDING
B.M.	BUILDING MAILING
B.T.C.W.	BARE TRINEX COPPER WIRE
B.O.P.	BOTTOM OF FOOTING
B/U	BACK-UP CABINET
CAB.	CABINET
CAN.	CANTILEVER(ED)
C.I.P.	CIST IN PLACE
C.L.P.	CLEAR
C.L.	CLEAR
C.M.	CELLAR
C.M.C.	CONCRETE
CONN.	CONNECTION(OR)
CONSTR.	CONSTRUCTION
CONT.	CONTAINERS
C.	CENTRAL
DEPT.	DEPARTMENT
D.F.	DOUBLE FR
DIA.	DIAMETER
DIAG.	DIMENSION
D.M.	DRAWING(S)
D.W.L.	DOWEL(S)
E.A.	EACH
ELEV.	ELEVATION
E.L.C.	ELECTRICAL
E.M.	ELECTRICAL METALLIC TUBING
ENG.	ENGINEER
EXP.	EXPANSION
EXT.	EXISTING
EXT.(I)	EXTERIOR

ABBREVIATION

FAB.	FABRICATION(OR)
F.F.	FRESH FLOOR
F.G.	FRESH GRADE
FIN.	FINISHED
F.N.	FLOOR
F.O.	FLOOR
F.O.C.	FACE OF CONCRETE
F.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.S.W.	FACE OF SURFACE
F.T.	FOOTPRINT
G.	GROWTH (CABINET)
G.C.	GROUND
G.I.	CALUMAZED(ED)
G.L.	GROUND FAULT CIRCUIT INTERRUPTER
GLB (GLU-LAM)	GLUE LAMINATED BEAM
GRD.	GROUNDING SYSTEM
H.C.R.	HANGER
H.C.	HOLE
H.C.P.	ISOLATED COPPER GROUND BUS
I.C.E.L.	INTERLOCK
I.C.	INTERIOR
J.B.	JACK BOLTS
L.F.	LINEAR FEET (FOOT)
L.F.	LONGITUDINAL
M.A.S.	MASONS
M.B.	MACHINE BOLT
M.C.H.	MECHANICAL
M.F.	MANUFACTURER
M.H.	MATERIAL
M.S.C.	MISCELLANEOUS
M.T.	METAL
M.T.	METAL
N.T.S.	NOT TO SCALE
O.P.	ON CENTER
O.P.C.	OPENING
P.C.	PREFABRICATED CONCRETE
P.C.S.	PERSONAL COMMUNICATION SERVICES
P.P.	PRIMARY PROTECTION CABINET
P.P.C.	PRIMARY PROTECTION CABINET
P.P.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED

ABBREVIATION

P.W.	POWER (CABINET)
QTY.	QUANTITY
RAD(ER)	RADIATION
R.F.	REFERENCE
REIN.	REINFORCEMENT(ING)
R.G.S.	ROAD GALVANIZED STEEL
R.H.U.	ROAD REMOTE UNIT
SCH.	SCHEDULE
S.M.T.	SHEET
S.S.	STAINLESS
SPEC.	SPECIFICATION(S)
ST.	STANDARD
S.T.S.	STAINLESS STEEL
STA.	STANDARD
STRUC.	STRUCTURAL
TEMP.	TEMPERATURE
TEMP.	TEMPERATURE
THICK.	THICKNESS
T.M.A.	TOWER MOUNTED AMPLIFIER
T.M.	TOWER
T.O.A.	TOP OF ANTENNA
T.O.C.	TOP OF CURB
T.O.F.	TOP OF FOUNDATION
T.O.P.	TOP OF PLATE (PARAPET)
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.C.	UNDER GROUND
U.L.C.	UNDERGROUND LABORATORY
U.L.F.	UNLESS NOTED OTHERWISE
V.I.F.	VERTICAL IN FIELD
W.	WEIGHT
W.D.	WOOD
W.P.	WEATHERPROOF
WT.	WEIGHT
X	EXTERIOR
Y	YIELD
Z	ZONE



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

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C	03/28/12	100%CD's	DT
▲	10/8/12	CITY COMMENTS	DT
▲	10/16/12	CITY COMMENTS	KW

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LICENSEURE:



SHEET TITLE:

SIGNAGE, NOTES, & ABBREVIATIONS

SHEET NUMBER:

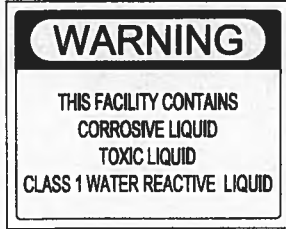
T-4

REVISION:



ABBREVIATIONS

5



BATTERY INFO & FIRE DEPT NOTES

4



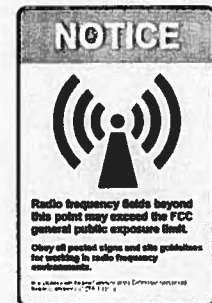
REQUIRED NFPA SIGNAGE



EMERGENCY CONTACT SIGNAGE

HAZARDOUS MATERIAL SIGNAGE

3



SITE IDENTIFICATION SIGNAGE

2

RF SIGNAGE

1

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CITY OF AGOURA HILLS
 CONDITIONAL USE PERMIT - BURDEN OF PROOF
 2820 Dorothea Drive
 LA030



DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

ACTION DATE: February 1, 2011
 TO: Planning Commission
 APPLICANT: Hotel Communications
 318 Chestnut
 Ingle, CA 91302-1306
 CASE NO.: 08-CUP-011
 LOCATION: 2820 Dorothea Drive

REQUIRE: Request for approval of a Conditional Use Permit to allow an unattended wireless telecommunication facility (cellular tower) with antenna and base (AT) antennas to be located on the proposed roof and second level parking garage.
 ENVIRONMENTAL DETERMINATION: Categorically Exempt from CEQA (Class 3)
 RECOMMENDATION: Staff recommends approval of Conditional Use Permit No. 08-CUP-011, subject to conditions, based on the findings of the attached resolution.
 ZONING DESIGNATION: SP-08-PC (General Public-Office Retail-Farmacy Corridor)
 GENERAL PLAN DESIGNATION: Business Park-Office/Hotel

1. PROJECT BACKGROUND AND DESCRIPTION

Hotel Communications is proposing the construction of an unattended wireless telecommunication facility at 2820 Dorothea Drive in Agoura Hills. This facility will be located on the roof and office building on located in the rear, rear, and north of the subject property. Due to the location of this building above and adjacent to the 181 Freeway, this site is primarily covered by two other wireless telecommunication facilities. Previous approval has been given for a total of 12 wireless telecommunication and base station antennas on this building (Case Nos. 95-CUP-005 and 96-CUP-011). The newly proposed facility would consist of four new wireless telecommunication antennas mounted on the building and base station to be mounted directly near the surface of the proposed roof. A site-specific meeting material would be placed over the proposed antenna to hide them from view.

Planning Commission
 Page 3

Case No. 08-CUP-011 (Mobile)

While a small portion of landscaping would be lost in this application, the landscaping area is owned by the building and has been planted for some time. In order for retaining the already existing landscaping area, however, the applicant has agreed to provide equal landscaping to make up for the loss and to schedule the planting for the existing landscaping plan. Specifically, the improvement would include retaining the least of the existing trees in the southeast corner of the site with a buffer, surrounding the existing landscaping plan with plants which have bright yellow flowers in the late winter across the front of the property, and adding a landscape planter located on the southeast of the building that is to be placed between the two groups above on the west side of the building. These landscape items would help improve the appearance of the existing site and landscaping.

B. Conditioned Use Permit Finding

The Zoning Ordinance allows wireless telecommunication facilities in the Business Park-Office Retail Zone east of the County Center based on a permit which must be approved by the Planning Commission. In order to approve a Conditional Use Permit for the facility, the following findings must be made:

The Planning Commission must find that the proposed use is consistent with the objectives of the Zoning Code and the purposes of the district in which the use is located, and that the proposed use will comply with all of the applicable provisions of the Zoning Code. The four proposed use conditions would be provided to ensure the building will not be taller than the existing building and would be screened by landscaping that both the existing and new. This proposal would comply with the applicable provisions of the Zoning Ordinance relative to the use, the property location, and the antenna height. The proposed location was chosen after consideration of other locations for optimal coverage over the 181 Freeway and its high coverage point in the city. The stated purpose of the Planning Commission District is to encourage the improvement of the freeway corridor in the city's long and future development. The placement of these antennas is consistent with the Planning Commission's prior actions regarding wireless telecommunication facilities.

Another finding that the Planning Commission must make is that the proposed use is compatible with the surrounding properties. The proposed wireless telecommunication facility is proposed in the rear and this particular site has been chosen as an appropriate site for the facility because it is located close to the freeway in a business district, and does not immediately abut a residential zone. The site would provide a communication service to the neighboring commercial zone east of 181 Freeway.

The Planning Commission must also find that the proposed use and the conditions under which it would be approved or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility and have additional health and safety issues. If approved by the Planning Commission, staff recommends the antenna location comply with FCC rules, the National Change Code, ANSI, and any applicable published federal standards that pertain to electromagnetic field exposure levels and the safe installation and maintenance of electric and radio frequency equipment.

DRAFT RESOLUTION NO. -

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS APPROVING CONDITIONAL USE PERMIT NO. 08-CUP-011 THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS HEREBY FINDS, RESOLVES AND ORDERS AS FOLLOWS:

Section 1. An application was duly filed by Hotel Communications with respect to the roof proposed located at 2820 Dorothea Drive, Applicant's Parcel Number 28010-013-027, requesting a Conditional Use Permit for a wireless telecommunication facility consisting of four wireless telecommunication and base (AT) antennas to be located on the office building. A Public Hearing was duly held on February 1, 2011, at 6:00 p.m. in the Council Chamber, City Hall, 3920 Agoura Court, Suite 102, Agoura Hills, California 91301. Notice of the time, date and place and purpose of the hearing was duly given.

Section 2. Evidence, both written and oral, was duly presented and considered by the Planning Commission at the aforesaid Public Hearing.

Section 3. The Planning Commission finds, pursuant to the Agoura Hills Zoning Ordinance, that:

1. The proposed use, as conditioned, is consistent with the objectives of the Zoning Code and the purposes of the district in which the use is located. The stated purpose of the Planning Commission District is to encourage the improvement of the freeway corridor in the city's long and future development. The facility would not negatively impact the visual quality of the freeway corridor because it would not be readily visible from the adjacent freeway or Agoura Road.

2. The proposed use, as conditioned, will comply with each of the applicable provisions of the Zoning Code. The antenna and supporting facility, as proposed by the applicant will comply with the applicable provisions Business Park-Office Retail Zone relative to the use, the property location, antenna height, and screening. The antenna would not be visible to the public or pedestrians, and the roof and landscaping would ensure the facility would not be readily visible from a distance.

3. The proposed use, as conditioned, is compatible with the surrounding properties. Visual and other facilities are the only surrounding land uses. This particular site is suitable for such a use because it does not immediately abut a residential zone. It is easily screened by recent land and office buildings, and the use provides a communication service to the neighboring commercial zone east of 181 Freeway. The proposed wireless telecommunication facility is consistent with the Business Park-Office Retail zone and would be an appropriate use for the use.

4. The proposed use and the conditions under which it would be approved or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility which have additional health and safety issues. If approved by the Planning Commission, staff recommends the antenna location comply with FCC rules, the National Change Code, ANSI, and any applicable published federal standards that pertain to electromagnetic field exposure levels and the safe installation and maintenance of electric and radio frequency equipment.



PROJECT INFORMATION:

NETWORK VISION MMBT8 LAUNCH
AGOURA HILLS
 LA03XC200
 2820 DOROTHEA DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS			
REV.	DATE	DESCRIPTION	DETAILS
A	02/24/12	ISSUED FOR 100% CD REVIEW	DAR
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C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

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LICENSURE:



SHEET TITLE:

ZONING DOCUMENTS

SHEET NUMBER:

T-6

REVISION:



ZONING DOCUMENTS

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PAINT NOTES:
 1. (E) AND (N) SPRINT EXPOSED ANTENNAS AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
 2. (E) AND (N) SPRINT EXPOSED ANTENNA SUPPORT EQUIPMENT AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

NOTES:
 1. ALL (E) SPRINT COAX CABLES AND ANTENNAS ARE TO BE REMOVED FROM THE SITE.
 2. IF PRESENT, ALL (E) CLEARWIRE ANTENNAS, MICROWAVE DISHES AND COAX CABLES TO REMAIN.

DISCLAIMER
 THESE DRAWINGS WERE PRODUCED WITHOUT THE BENEFIT OF A CURRENT LAND SURVEY. ALL PROPERTY LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. SAC WIRELESS DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINES, EASEMENTS AND SETBACKS.

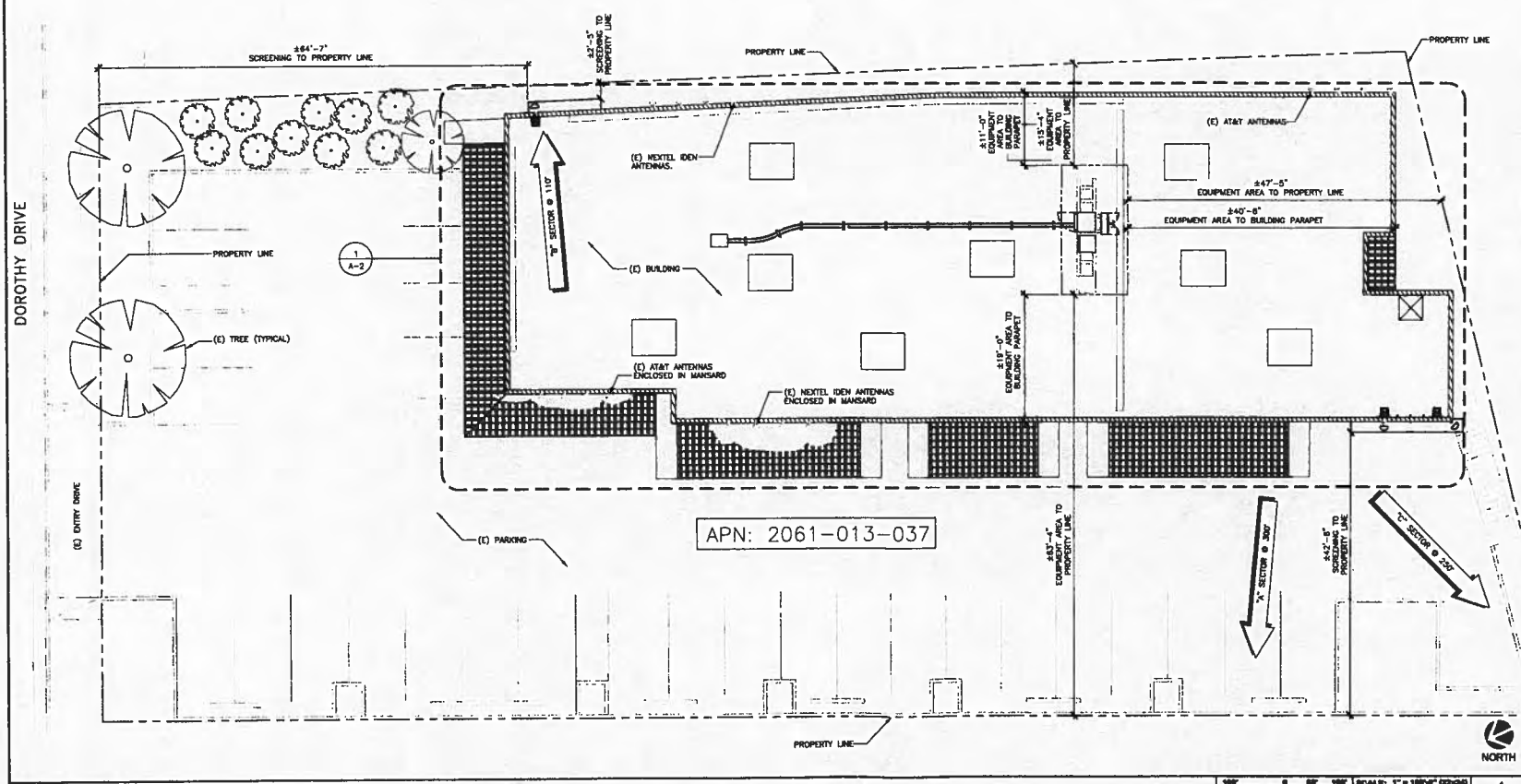
LEGEND

---	SUBJECT BOUNDARY LINE
---	RIGHT-OF-WAY CENTERLINE
---	RIGHT-OF-WAY LINE
---	SITE EMPHASIS LINE
---	SECTIONAL BREAKDOWN LINE
---	(N) FIBER LINE
---	(N) POWER/FIBER LINE
---	OVERHEAD POWER LINE
---	BURIED POWER LINE
---	BURIED GAS LINE
---	OVERHEAD TELEPHONE LINE
---	BURIED TELEPHONE LINE
---	BURIED WATER LINE
---	BURIED SANITARY SEWER
---	BURIED STORM DRAIN
---	DITCH LINE/FLOW LINE
---	VEGETATION LINE
---	CHAIN LINK FENCE
---	WOOD FENCE
---	BARBED WIRE/WIRE FENCE

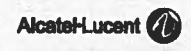
⊠	TRANSFORMER	⊕	FIRE HYDRANT
⊠	LIGHT STANDARD	M	GATE VALVE
⊠	POWER VAULT	⊠	WATER METER
⊠	UTILITY BOX	⊠	FIRE STAND PIPE
⊠	UTILITY POLE	⊠	CATCH BASIN, TYPE I
⊠	POLE GUY WIRE	⊠	CATCH BASIN, TYPE II
⊠	GAS VALVE	⊠	SIGN
⊠	GAS METER	⊠	BOLLARD
⊠	TELEPHONE VAULT	⊠	MAIL BOX
⊠	TELEPHONE RISER	⊠	23.25' SPOT ELEVATION

ABBREVIATIONS

A/C	AIR CONDITIONING	GA	GALVEZED	NA	NOT APPLICABLE	VERT	VERTICAL
AGL	ASBESTOS GRADE	GC	GENERAL CONTRACTOR	NTS	NOT TO SCALE	VP	VERIFY IN FIELD
APPROX	APPROXIMATELY	GRD	GROUND	OC	ON CENTER	W/	WITH
BLDG	BUILDING	GYP BD	GYPSON WALL BOARD	OD	OUTSIDE DIAMETER	W/D	WITHOUT
CLG	CEILING	HRZ	HORIZONTAL	PLWD	PLYWOOD	WP	WEATHER PROOF
CLR	CLEAR	HR	HEIGHT	PROP	PROPERTY		
CONC	CONCRETE	HT	HEIGHT	PT	PRESSURE TREATED		
CONST	CONSTRUCTION	HVC	HEATING VENTILATION AIR CONDITIONING	REQ	REQUIRED		
CONT	CONTRIBUTION	HT	HEIGHT	RM	ROOM		
DBL	DOUBLE	HT	HEIGHT	RO	ROUGH OPENING		
DBA	DIAMETER	HT	HEIGHT	RRH	RADIO REMOTE HEAD		
DN	DOWN	IC	INSIDE DIAMETER	SHT	SHIRT		
DET	DETAIL	IN	INCH	SM	SIMILAR		
DWG	DRAWING	INTA	INSULATION	SPEC	SPECIFICATION		
EA	EACH	INT	INTERIOR	SF	SQUARE FOOT		
EL	ELEVATION	INT	INTERNATIONAL	SS	STAINLESS STEEL		
ELEC	ELECTRICAL	INT	INTERNATIONAL	STL	STEEL		
EQ	EQUAL	INT	INTERNATIONAL	STRUC	STRUCTURAL		
EQP	EQUIPMENT	INT	INTERNATIONAL	STU	STUD		
EXT	EXTERIOR	INT	INTERNATIONAL	SUSP	SUSPENDED		
FIN	FRESH	LBS	POUNDS	THRU	THROUGH		
FLOOR	FLOOR	MAX	MAXIMUM	TMA	TOWER MOUNT AMPLIFIER		
FLR	FLOOR	MCH	MECHANICAL	TYP	TYPICAL		
FT	FOOT	MFR	MANUFACTURE	UNO	UNLESS NOTED OTHERWISE		
		MGR	MANAGER				
		MIS	MISCELLANEOUS				



OVERALL SITE PLAN
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PROJECT INFORMATION:
 NETWORK VISION MMBS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:
 02/24/2012

ISSUED FOR:
 100%CD's

REVISIONS

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SHEET TITLE:
 OVERALL SITE PLAN

SHEET NUMBER: A-1
REVISION: Δ

PAINT NOTES:

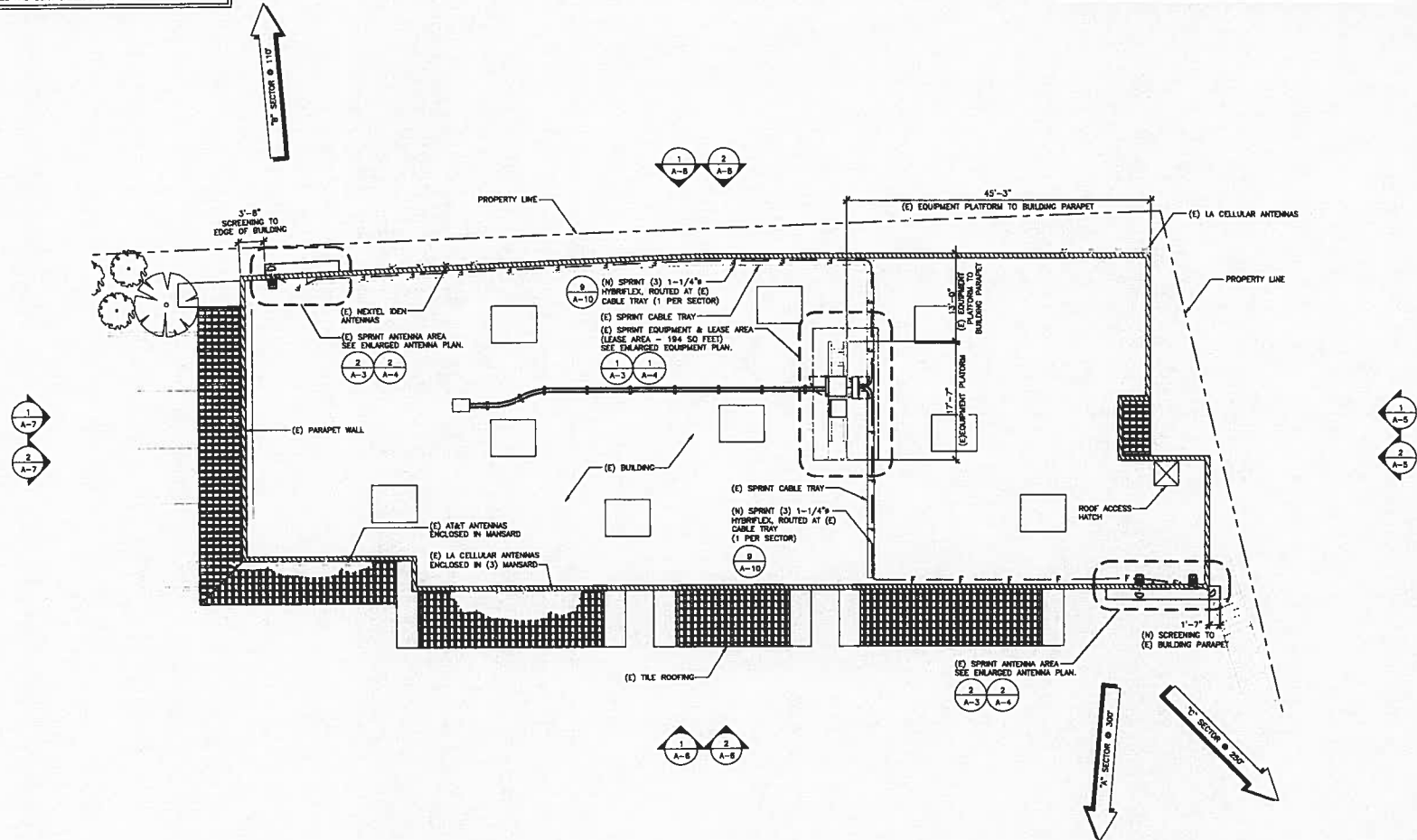
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NOTE:

SPRINT PROPOSES TO MODIFY AN (E) UNSTAFFED TELECOMMUNICATIONS FACILITY BY REPLACING ALL (E) PANEL ANTENNAS (2 @ SECTOR "D", 1 @ SECTOR "A", 1 @ SECTOR "C", TOTAL OF 4) WITH (M) PANEL ANTENNAS (1) PER SECTOR, (3) SECTORS, (3) TOTAL, ALONG WITH RRH UNITS (TOTAL OF 3 PER SECTOR, 9 TOTAL), REPLACING AN (E) MODELL COMPACT 4.0 EQUIPMENT CABINET WITH (M) MODELL 4.0 (9238) CABINET WITH NEW RADIO HARDWARE, AND REMOVING AN (E) BATTERY BACK UP (BOC) PLUS AN (E) POWER CABINET (BOC) AND REPLACING THEM WITH (1) (M) BATTERY BACK-UP (BOC) CABINET, PLUS THE REPLACEMENT OF ALL (E) ANTENNA COAX WITH (3) (M) SINGLE HYBRIFLEX FIBER CABLES BEING ROUTED FROM AN (E) SPRINT EQUIPMENT PLATFORM TO ALL ANTENNA SECTORS, INSTALLING (1) (M) JUNCTION BOX.



Sprint

Alcatel-Lucent

SDC WIRELESS ENGINEERING GROUP
4000 JENNIFER AVENUE
 CARLSBAD, CA 92008
 761.943.6300

PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

**AGOURA HILLS
 LA03XC200**

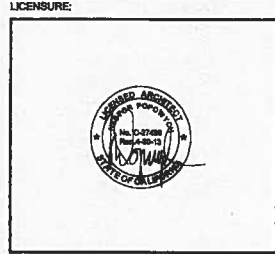
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 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE: 02/24/2012

ISSUED FOR: 100%CD's

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Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE: ROOFTOP PLAN

SHEET NUMBER: A-2

REVISION: Δ



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS			
REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
 LABELED AS CONSTRUCTION SET

LICENSURE:



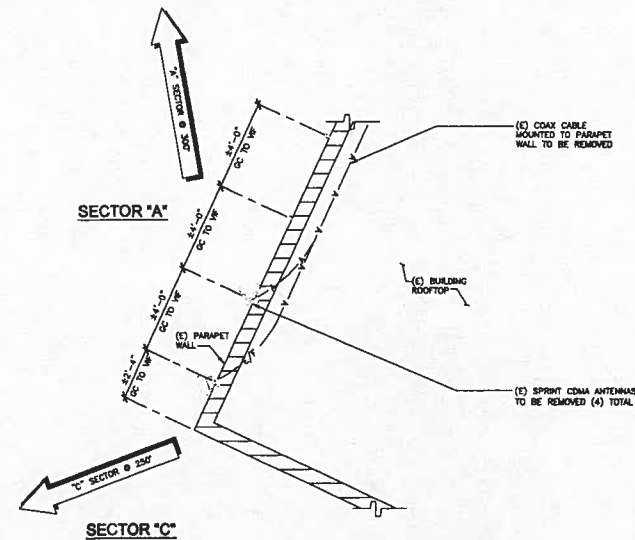
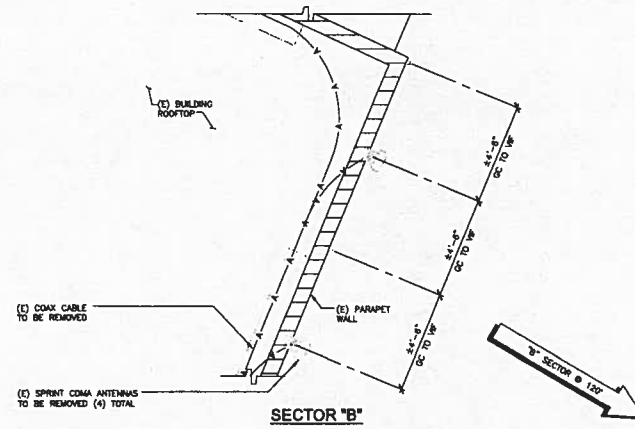
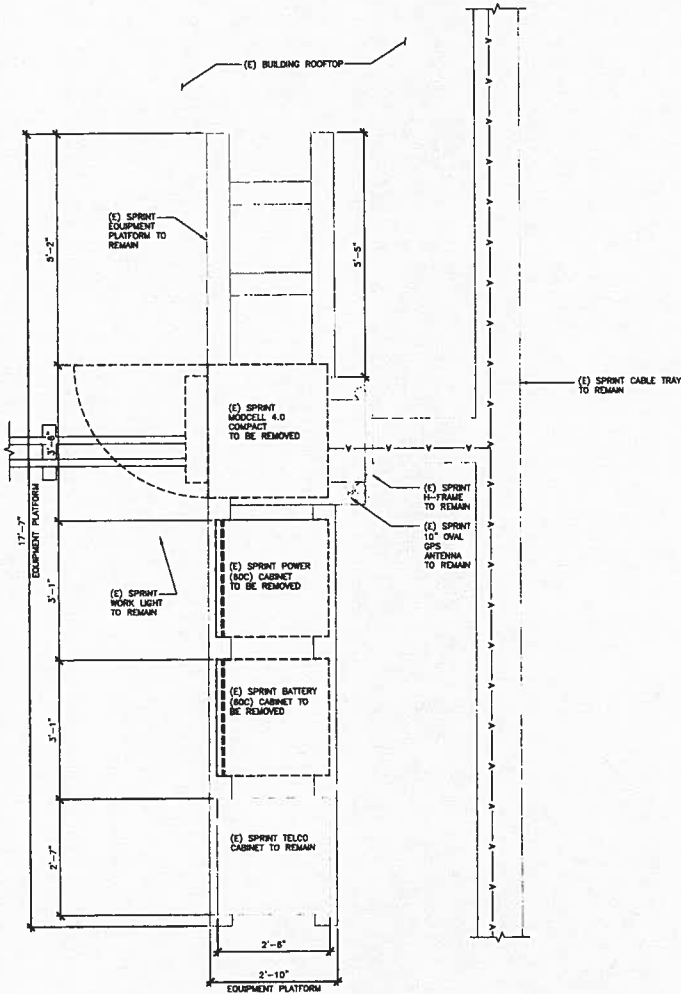
SHEET TITLE:

ENLARGED ANTENNA & EQUIPMENT PLANS (E)

SHEET NUMBER:

A-3

REVISION:



ENLARGED EQUIPMENT PLAN (E)

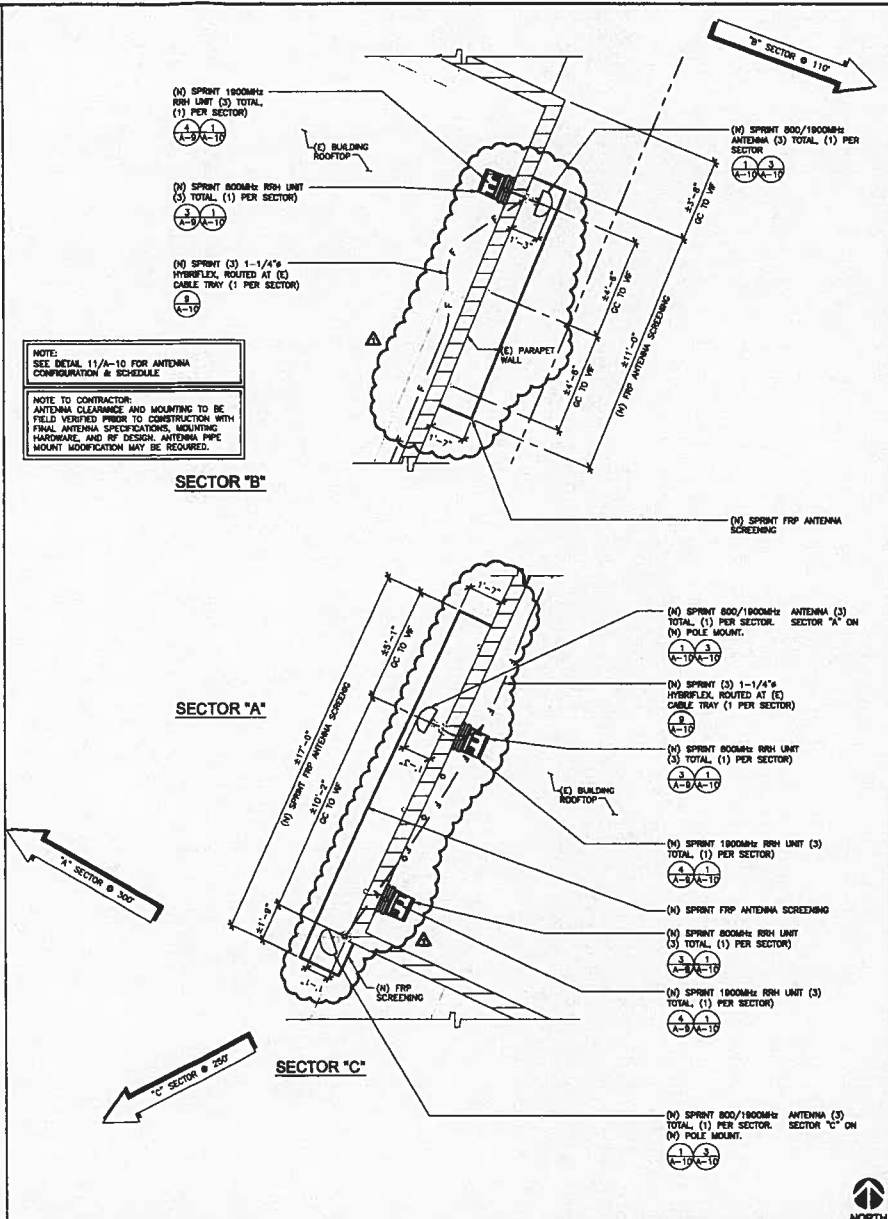
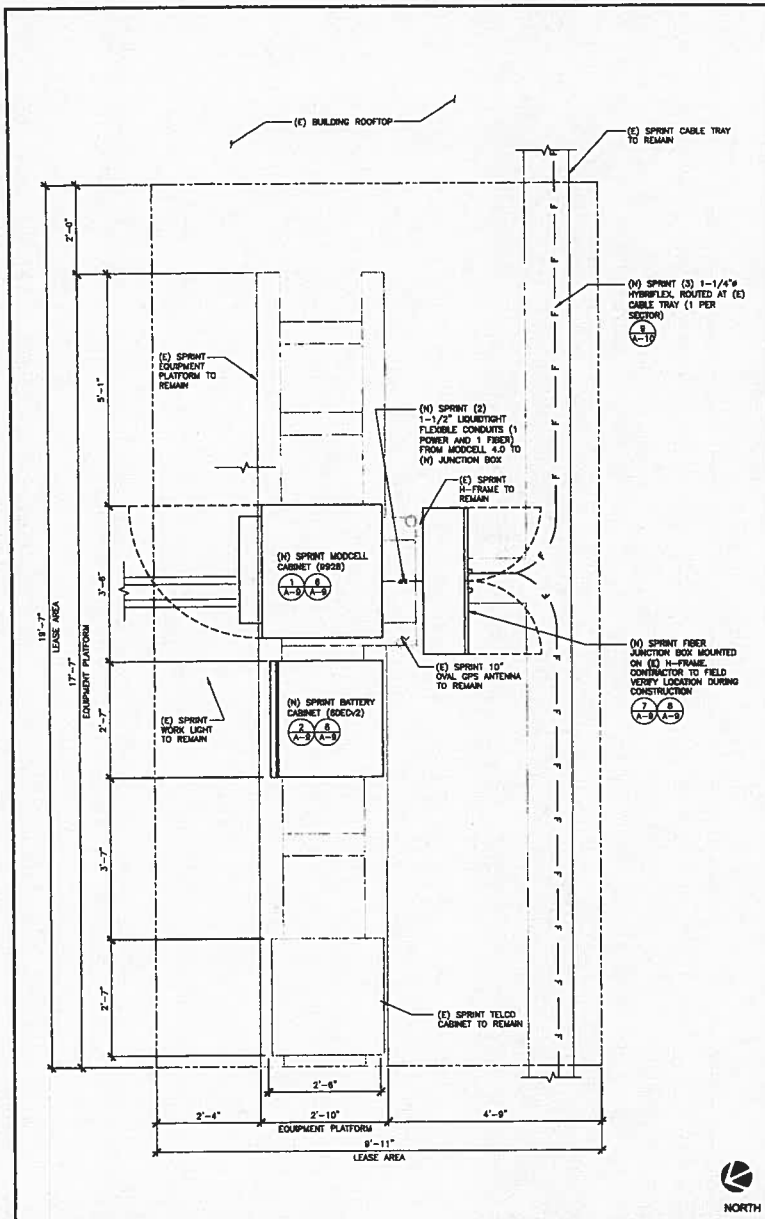
SCALE: 3/8" = 1'-0" (20x20)
 (OR) 3/8" = 1'-0" (11x17)

1

ENLARGED ANTENNA PLANS (E)

SCALE: 3/8" = 1'-0" (20x20)
 (OR) 3/8" = 1'-0" (11x17)

2



Sprint

Alcatel-Lucent

SBC WIRELESS
1000 AVENUE DICKENS
 COLUMBIA, GA 30606
 706.326.5500

PROJECT INFORMATION:

NETWORK VISION MIMETS LAUNCH

AGOURA HILLS
LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:
 02/24/2012

ISSUED FOR:
 100%CD's

REVISIONS				
REV.	DATE	DESCRIPTION	INITIALS	
A	02/24/12	ISSUED FOR BOX CD REVIEW	DMR	
B	03/13/12	ISSUED FOR BOX CD REVIEW	AMP	
C	03/28/12	100%CD's	DY	
Δ	10/26/12	CITY COMMENTS	DY	
Δ	10/16/12	CITY COMMENTS	KW	

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

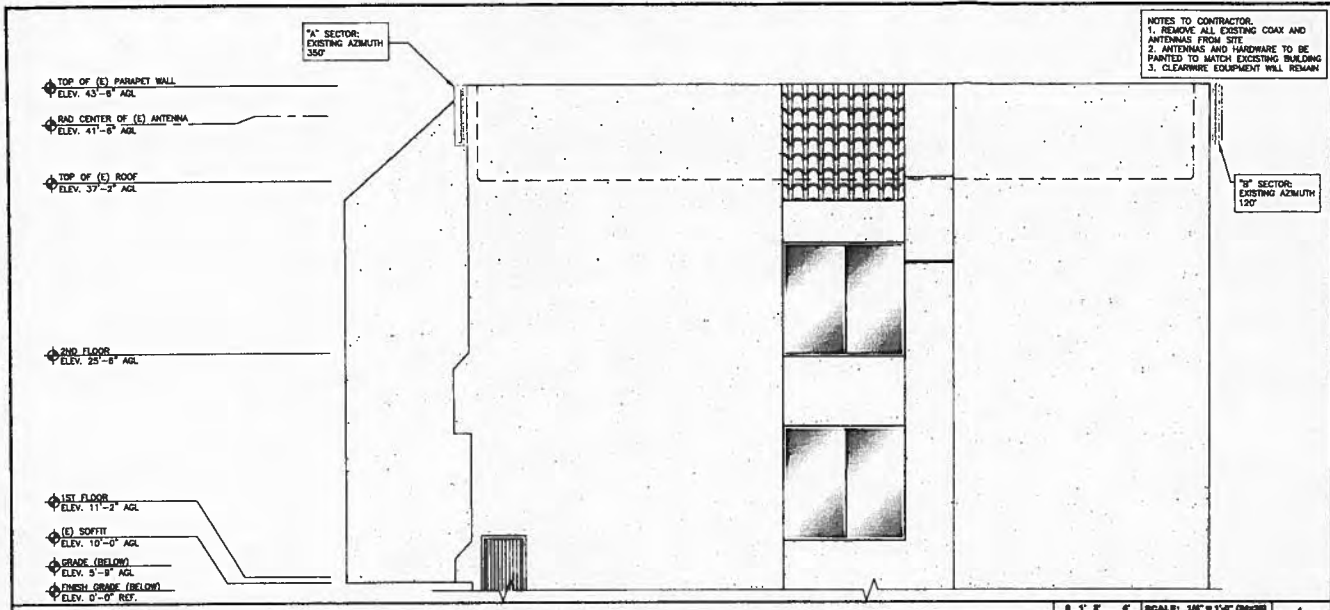
LICENSURE:

(E) PARAPET WALL

SHEET TITLE:
 ENLARGED ANTENNA & EQUIPMENT PLANS (N)

SHEET NUMBER:
A-4

REVISION:
 Δ



NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE.
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING.
 3. CLEARWARE EQUIPMENT WILL REMAIN.

- NOTES:**
- CONTRACTOR TO FIELD VERIFY ANTENNA CABLE LENGTHS.
 - ALL MAIN CABLES WILL BE COLOR CODED AT THREE (3)
 - COLOR CODE ALL ANTENNA AND COAX WITH 2" WIDE BANDS OF COLORED TAPE WITH 1" SEPARATION BETWEEN BANDS
 - COLOR CODE ALL TOP AND BOTTOM GROUND KITS WITH 1" WIDE BANDS OF COLORED TAPE WITH 1/2" SEPARATION BETWEEN BANDS
 - START COLOR BANDS 2" BEYOND WEATHERPROOFING.
 - START SECTOR COLOR NEXT TO END CONNECTOR.
 - ALL MAIN CABLES WILL BE GROUNDING W/ COAXIAL CABLE GROUND KITS AT:
 - THE ANTENNA LEVEL
 - MID LEVEL IF TOWER IS OVER 200'
 - ALL NEW GROUND BAR DOWNLEADS ARE TO BE CROWDED TO THE EXISTING ADJACENT GROUND BAR DOWNLEAD A MINIMUM DISTANCE OF 4FT BELOW GROUND BAR
 - PROMOTE BUSH BAR NEAR BITS FOR ATTACHMENT OF WIMAX COAX GROUND KITS

- COAXIAL ANTENNA CABLE NOTES:**
- THE ANTENNA COAXIAL CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPED/WITTEN SWEEP TESTS (ANTENNA RETURN LOSS TEST). THIS TEST SHALL BE PERFORMED TO THE SPECIFICATIONS AND PARAMETERS OUTLINED BY THE SPRINT RADIO FREQUENCY (RF) ENGINEER. THIS TEST SHALL BE PERFORMED PRIOR TO FINAL ACCEPTANCE OF THE SITE/
 - THE COAXIAL ANTENNA CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPED/WITTEN TIME DOMAIN REFLECTOMETER (TDR) TESTS TO VERIFY CABLE LENGTH AND TO CHECK FOR WATER DAMAGE.
 - WATER WIPAP SHALL BE USED TO SEAL CONNECTIONS.
 - ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE WILL BE 1/2" JUMPERS AND SHALL NOT EXCEED 6'-0". MAXIMUM LENGTH FOR THE JUMPERS AT WIMAX KITS UNITS WILL BE 6'-0".
 - IF COAX IS BEING RE-USED FOR THIS INSTALLATION, PRE AND POST ANTENNA LINE SWEEPS ARE REQUIRED.

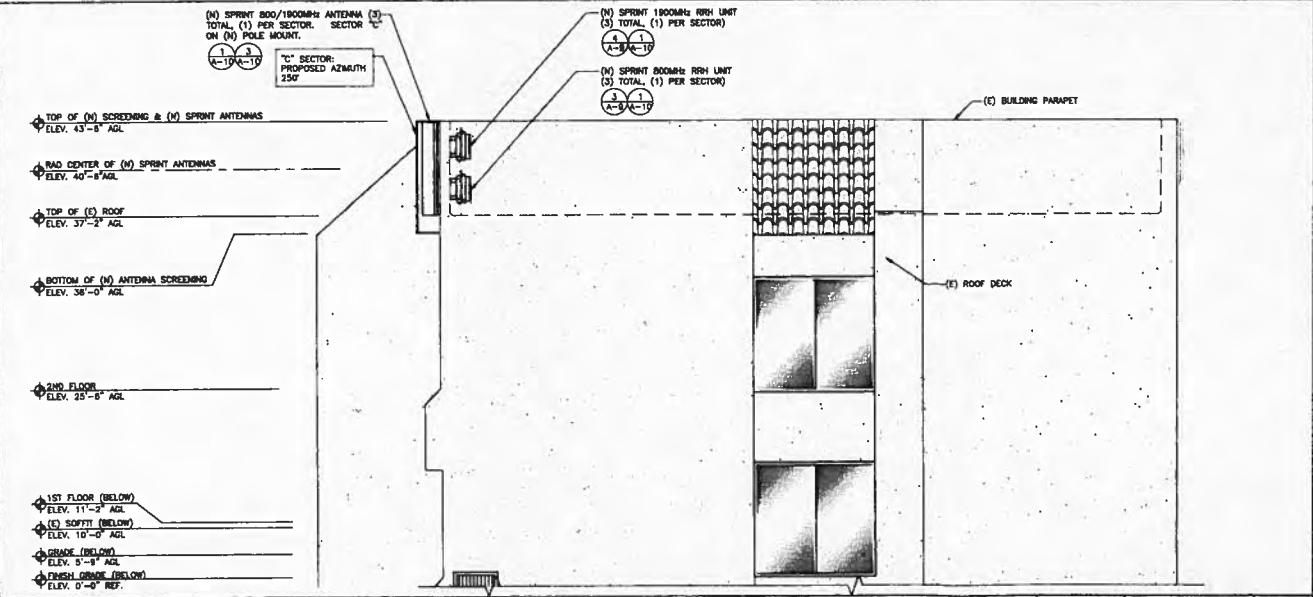
- ANTENNA MOUNTING NOTES:**
- ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A153 ZINC (NOT-DIPPED GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS, UNLESS OTHERWISE NOTED.
 - ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 ZINC-COATING (NOT DIP) ON IRON AND STEEL HARDWARE, UNLESS OTHERWISE NOTED.
 - DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
 - ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH DOUBLE NUTS AND SHALL BE INSTALLED SHLOU TIGHT.
 - NUMBER HORIZONTAL SPACING SHALL BE 2'-0" BETWEEN ALL ANTENNAS.
 - UPON COMPLETION, PROVIDE A HEIGHT VERIFICATION DEPICTING RAD CENTER AND TOP OF ANTENNA.

- CONTRACTOR NOTES:**
- (N) SPRINT FIBER LINES FROM (E)/(N) EQUIPMENT, TO (N) SPRINT ANTENNAS ARE TO FOLLOW (E) FIBER/COAX ROUTE (FIELD VERIFY).
 - ALL (N) MATERIALS (ANTENNAS, EQUIPMENT /RRH'S AND ALL HARDWARE) THAT ARE EXPOSED (NOT BEHIND SCREENING) ARE TO BE PAINTED (PER MANUFACTURERS RECOMMENDATIONS) TO MATCH (E) BUILDING FINISH.
 - PATCH AND REPAIR EXISTING MATERIALS, FINISHES, WALLS, ETC. AS NEEDED TO PROVIDE A SEAMLESS TRANSITION FROM (N) TO (E) SURFACES. (N) CONSTRUCTION MUST MATCH (E) BUILDING COLOR, FINISH AND TEXTURE.

- GENERAL NOTES:**
- ALL AZIMUTHS ARE TO BE ESTABLISHED CLOCKWISE FROM THE TRUE NORTH HEADING.
 - CONTRACTOR SHALL VERIFY PROPOSED ANTENNA RAD CENTER AND ORIENTATIONS WITH SPRINT PRIOR TO INSTALLATION OF ANTENNAS.
 - PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, EXISTING BUILDING WALL MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER TO VERIFY BUILDING WALL IS CAPABLE OF SUPPORTING THE PROPOSED LOADS. REFER TO STRUCTURAL ANALYSIS BY OTHERS.
 - CONTRACTOR SHALL REFER TO BUILDING WALL STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO DEVIATION OR MODIFICATION OF BUILDING WALL SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.

SCALE: 1/4" = 1'-0" (3/16) 1
 (CON) 1/8" = 1'-0" (1/16) 1

(E) SOUTH ELEVATION



(N) SOUTH ELEVATION

SCALE: 1/4" = 1'-0" (3/16) 2
 (CON) 1/8" = 1'-0" (1/16) 2

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Sprint

Alcatel-Lucent

SAC WIRELESS ENGINEERING GROUP

PROJECT INFORMATION:

NETWORK VISION MIMETS LAUNCH

AGOURA HILLS

LA03XC200

28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE: 02/24/2012

ISSUED FOR: 100%CD's

REVISIONS			
REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR BOX CD REVIEW	DWR
B	03/13/12	ISSUED FOR BOX CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/9/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSEURE:

SHEET TITLE: (E) & (N) SOUTH ELEVATIONS

SHEET NUMBER: **A-5** Δ

REVISION: Δ

TOP OF (E) PARAPET WALL
ELEV. 43'-8" AGL

RAD CENTER OF (E) ANTENNA
ELEV. 41'-8" AGL

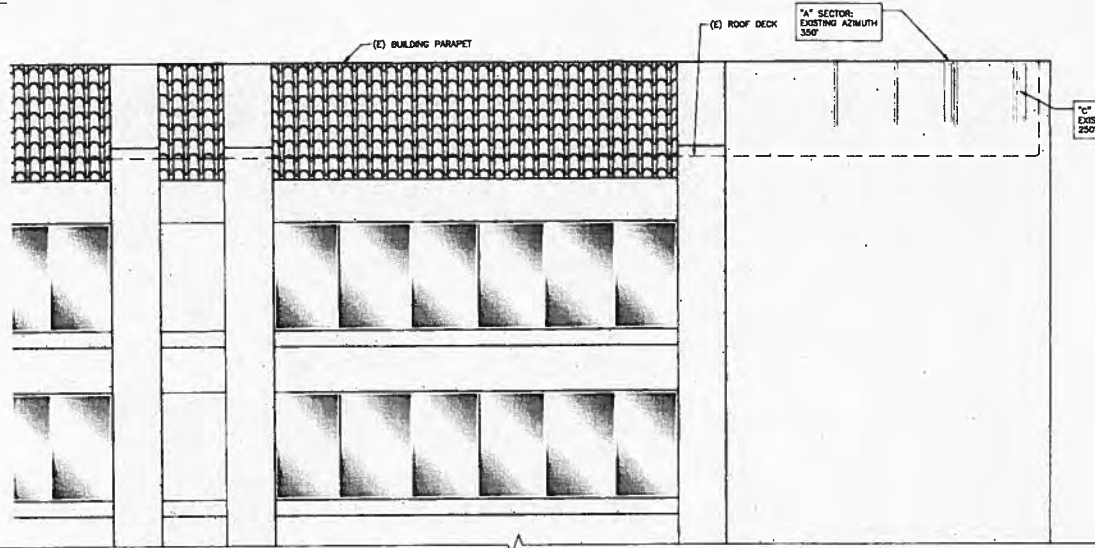
TOP OF (E) ROOF
ELEV. 37'-2" AGL

2ND FLOOR
ELEV. 25'-6" AGL

1ST FLOOR (BELOW)
ELEV. 11'-2" AGL

(E) SOFFIT (BELOW)
ELEV. 10'-0" AGL

FINISH GRADE (BELOW)
ELEV. 0'-0" REF.



NOTES TO CONTRACTOR:
1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE.
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING.
3. CLEARING EQUIPMENT AND ANTENNAS WILL REMAIN.

(E) WEST ELEVATION

SCALE: 1/8" = 1'-0" (24x36)
(OR) 1/8" = 1'-0" (11x17) 1

TOP OF (E) PARAPET WALL & (N) SPRINT ANTENNAS
ELEV. 43'-8" AGL

RAD CENTER OF (N) SPRINT ANTENNAS
ELEV. 40'-8" AGL

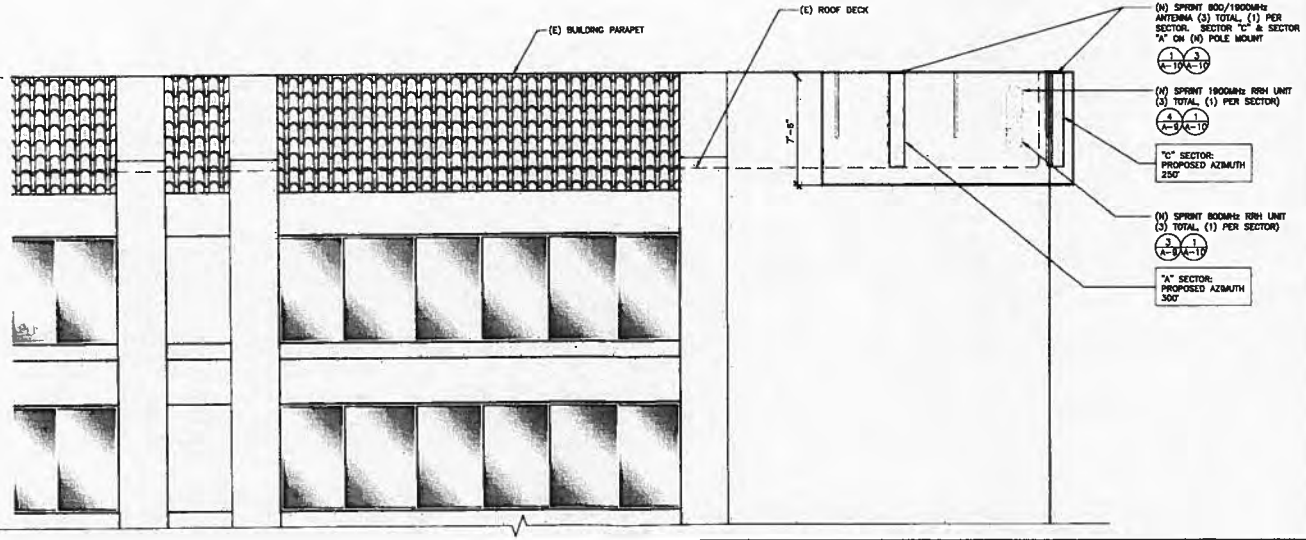
TOP OF (E) ROOF
ELEV. 37'-2" AGL

2ND FLOOR
ELEV. 25'-6" AGL

1ST FLOOR (BELOW)
ELEV. 11'-2" AGL

(E) SOFFIT (BELOW)
ELEV. 10'-0" AGL

FINISH GRADE (BELOW)
ELEV. 0'-0" REF.



(N) WEST ELEVATION

SCALE: 1/8" = 1'-0" (24x36)
(OR) 1/8" = 1'-0" (11x17) 2



PROJECT INFORMATION:

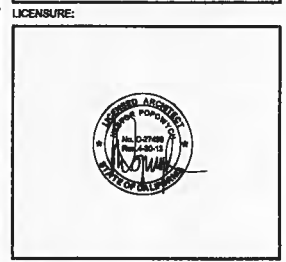
NETWORK VISION MMETS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:
02/24/2012

ISSUED FOR:
100%CD's

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 80% CD REVIEW	DAR
B	03/13/12	ISSUED FOR WORK CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

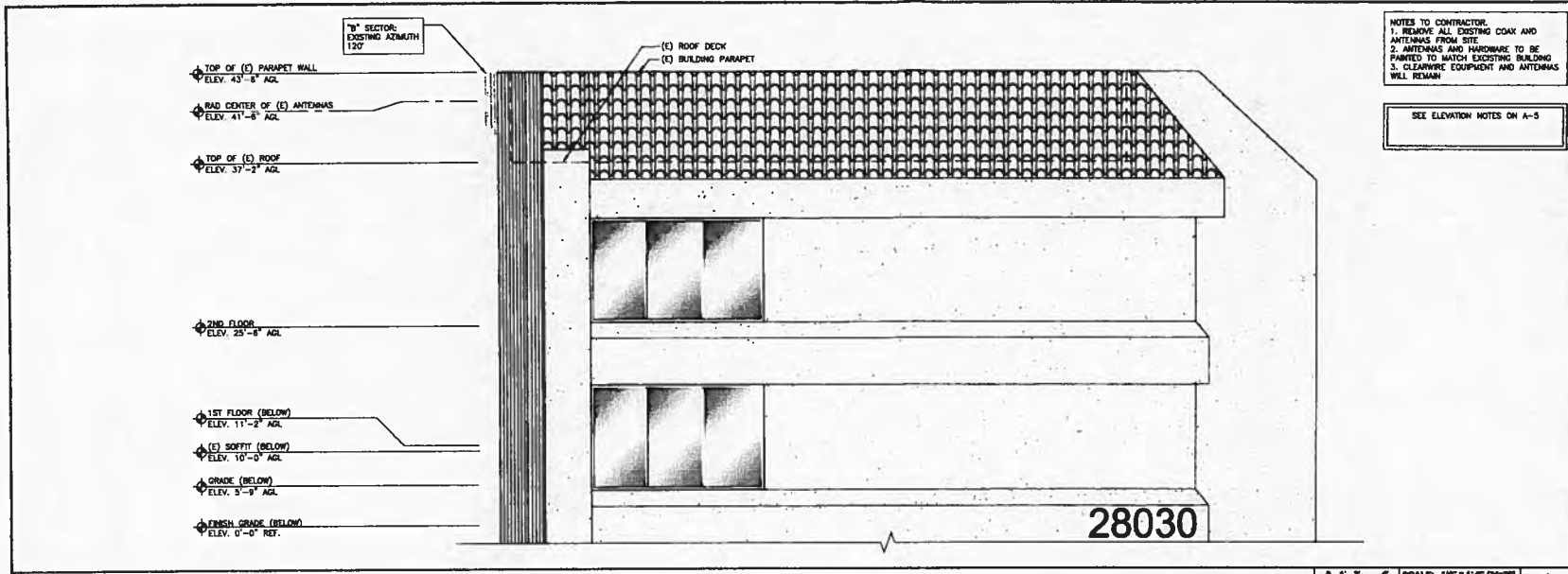
NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE:
(E) & (N) WEST ELEVATIONS

SHEET NUMBER: **A-6** Δ
REVISION: Δ

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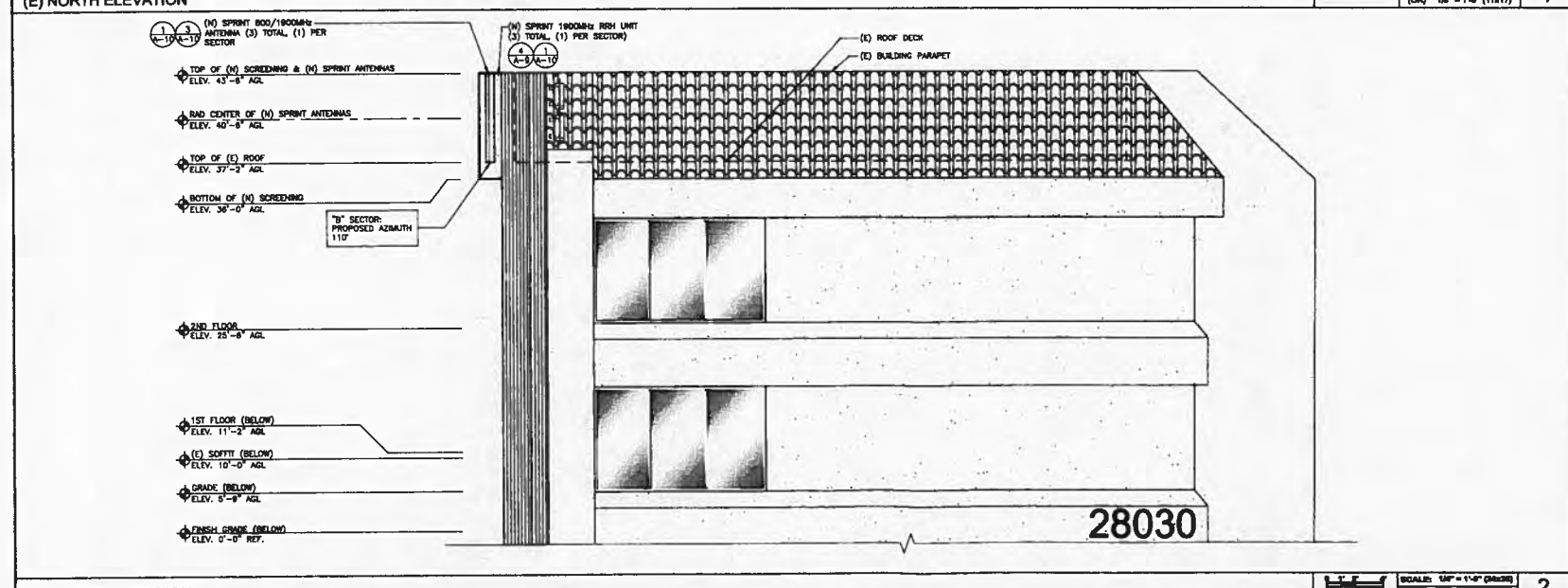
NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE.
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING.
 3. CLEARANCE EQUIPMENT AND ANTENNAS WILL REMAIN.

SEE ELEVATION NOTES ON A-5

28030

(E) NORTH ELEVATION

SCALE: 1/8" = 1'-0" (PLANS)
 (CON) 1/8" = 1'-0" (1 to 17) 1



28030

(N) NORTH ELEVATION

SCALE: 1/8" = 1'-0" (PLANS)
 (CON) 1/8" = 1'-0" (1 to 17) 2



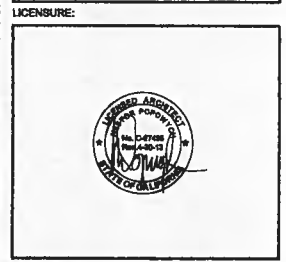
PROJECT INFORMATION:
 NETWORK VISION MMBTBS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:
 02/24/2012

ISSUED FOR:
 100%CD's

REVISIONS			
REV.	DATE	DESCRIPTION	DETAILS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

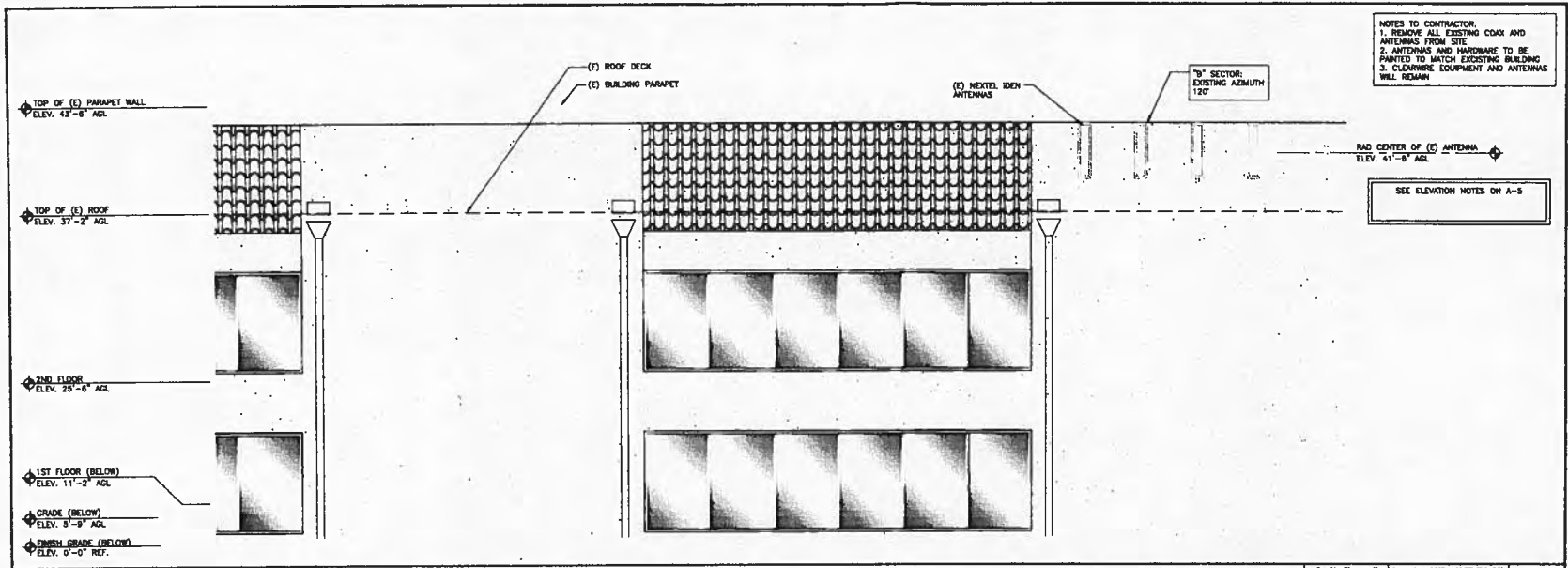
NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE:
 (E) & (N) NORTH ELEVATIONS

SHEET NUMBER: **A-7** Δ
 REVISION: Δ

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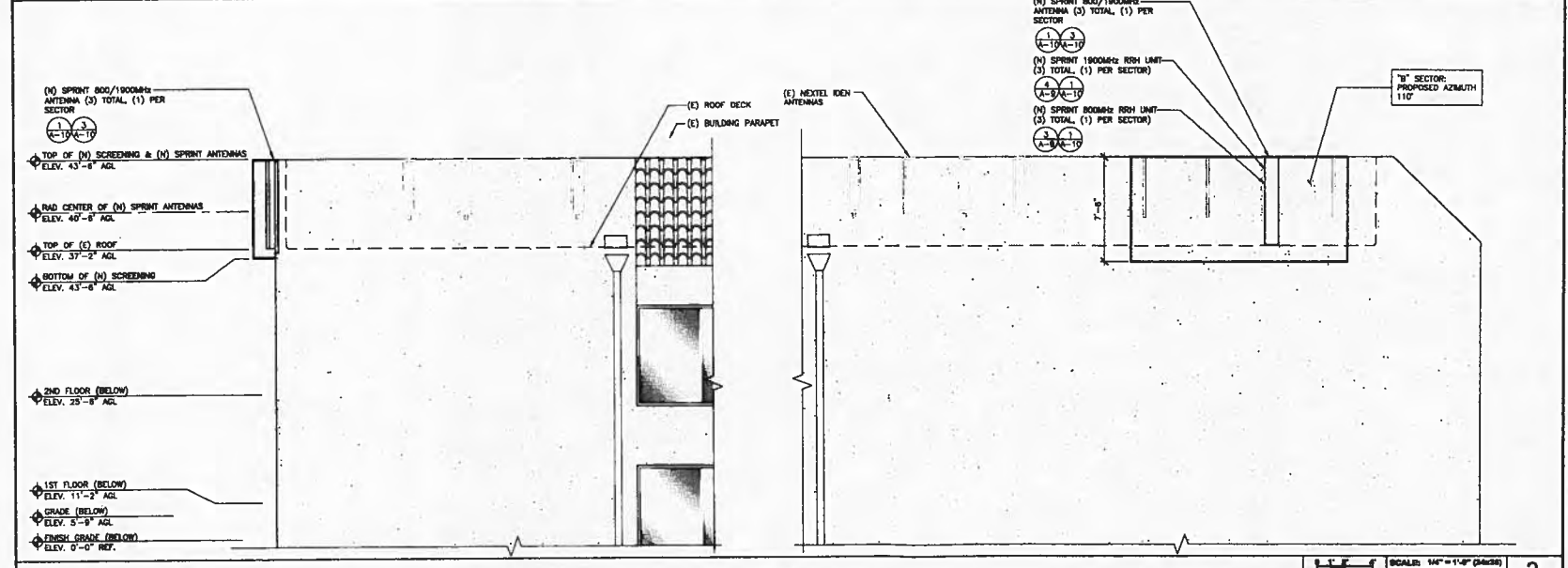


NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING
 3. CLEARANCE EQUIPMENT AND ANTENNAS WILL REMAIN

SEE ELEVATION NOTES ON A-5

(E) EAST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 1



(N) EAST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 2



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	DETAILS
A	02/24/12	ISSUED FOR BOX CD REVIEW	DAR
B	03/13/12	ISSUED FOR BOX CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

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LICENSURE:



SHEET TITLE:

(E) & (N) EAST ELEVATIONS

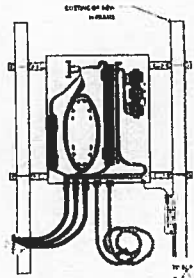
SHEET NUMBER:

A-8

REVISION:



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Front View with door removed to show detail

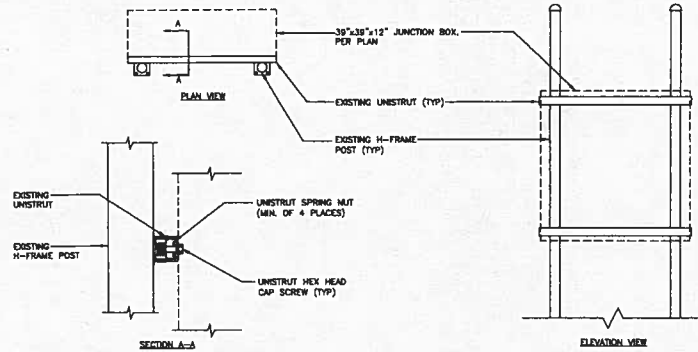
NOTES:

Distribution Box is fitted with 50' of 1/2" Liquid-tight conduit and connectors. This should be:

- split in half (25' per)
- terminated to the Distribution Box as shown,
- ran to and coiled as close to where the cabinet is going to be mounted as possible.

Distribution Box is fitted with 2AWG power cable 35' X 2ea. Runs red and 2ea. Runs black. This should be coiled and left inside Distribution Box.

BTS Installation team will terminate Liquid-tight, run the fiber jumpers and power cables from BTS Cabinet to Distribution Box.

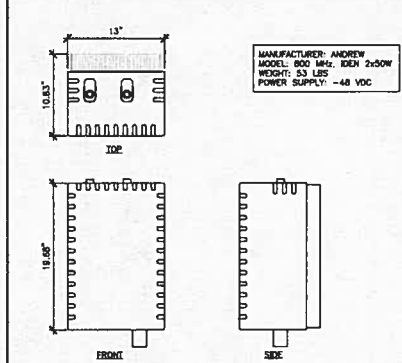
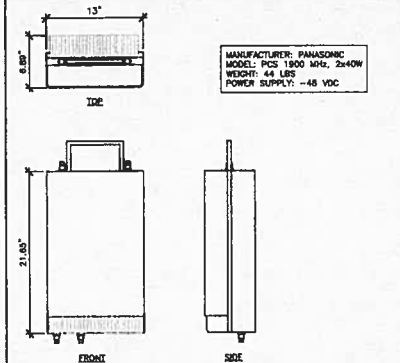
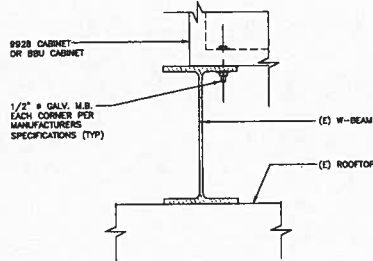


(N) FIBER JUNCTION BOX

8

JUNCTION BOX MOUNTING TO (E) H-FRAME

7



CABINET MOUNTING

6

NOT USED

5

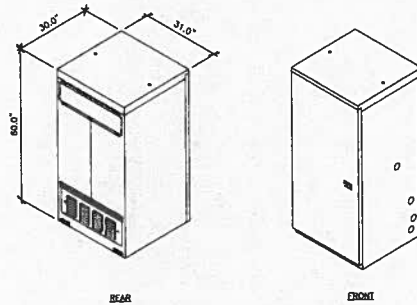
1800 MHz RRH

4

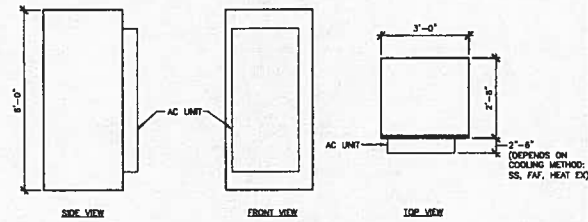
800 MHz RRH

3

MANUFACTURER: ANDREW (CONSCOPE)
MODEL: 8025V2
CABINET DIMENSIONS:
HEIGHT: 60 IN. (152.4 CM)
WIDTH: 31 IN. (78.7 CM)
DEPTH: 30 IN. (76.2 CM)
CABINET OPERATING TEMPERATURE RANGE:
-40°C TO 48°C
WEIGHT:
CABINET: 425#
BATTERIES: 100# EACH
(20 BATTERIES MAX - 2,000 POUNDS MAX WEIGHT)
CABINET MAX WEIGHT: 2,425#



MANUFACTURER: ALCATEL-LUCENT
MODEL #: 9928
MAX. CABINET DIMENSIONS:
HEIGHT: 72"
WIDTH: 35.5"
DEPTH: 32"
ESTIMATED MAX WEIGHT:
FACTORY: 1190 LBS
UPGRADED: 1390 LBS



(N) BATTERY BACKUP CABINET

2

(N) 9928 BTS CABINET

1



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

AGOURA HILLS
LA03XC200

28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100% CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DWR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD'S	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

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LICENSEURE:



SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

A-9

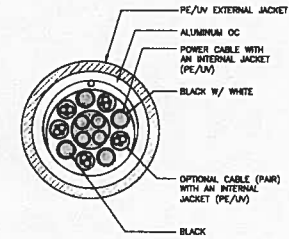
REVISION:



**NOTE:
CONTRACTOR TO SEE "FINAL" RFDS FOR BUILD.**

PROPOSED ANTENNA CONFIGURATION AND SCHEDULE										
SECTOR	AZIMUTH	RADCENTER	NUMBER OF ANTENNAS	VENDOR	MODEL	RET	MEDIA TWT	RRH	FIBER OPTIC	FIBER LENGTH
SECTOR A	300°	40'-8"	1	RFS	APXVSP18-C-A20	-8"	0'	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	80'-0"
						0"	0'			
SECTOR B	110°	40'-8"	1	RFS	APXVSP18-C-A20	-8"	0'	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	110'-0"
						0"	0'			
SECTOR C	250°	40'-8"	1	RFS	APXVSP18-C-A20	-4"	0'	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	80'-0"
						-3"	0'			

MANUFACTURER: RFS
MODEL: HB114-1-08U4-MSF
WEIGHT (LB/FT): 1.30
MINIMUM BENDING RADIUS SINGLE BENDING: 8"
MINIMUM BENDING RADIUS REPEATED BENDING: 20"
RECOMMENDED/MAXIMUM CLAMP SPACING: 3.25'/4.0'



PROJECT INFORMATION:
NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
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AGOURA HILLS, CA 91301
AGOURA HILLS

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C	03/28/12	100%CD'S	DY
Δ	10/9/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSEURE:



SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER: REVISION:

A-10



(N) ANTENNA CONFIGURATION AND SCHEDULE

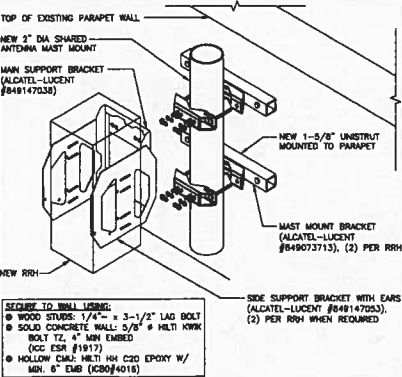
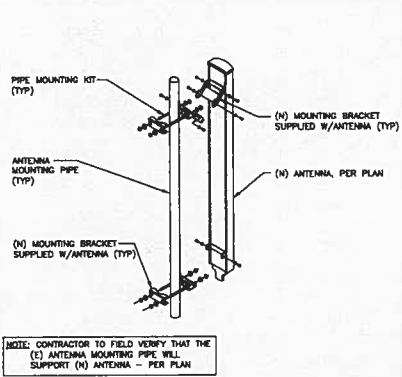
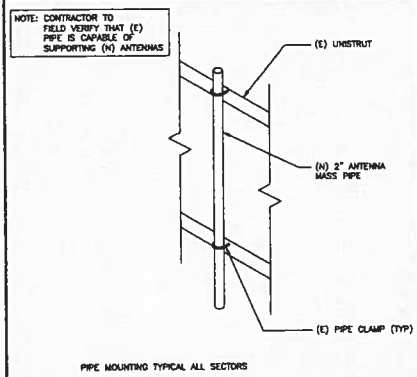
11

NOT USED

10

HYBRIFLEX CABLE

9



SECURE TO WALL USING:
• WOOD STUDS: 1/4" x 3-1/2" LAG BOLT
• SOLID CONCRETE WALL: 5/8" # HELIX HWK BOLT T2, 4" MIN EMBED (SEE ESR #1917)
• HOLLOW CMU: HELIX HW C20 EPOXY W/ MIN. 6" EMB (CS04016)

PIPE MOUNTING

8

ANTENNA MOUNTING

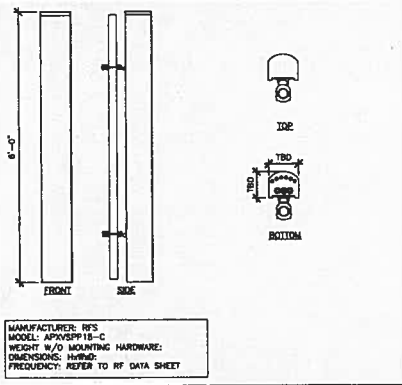
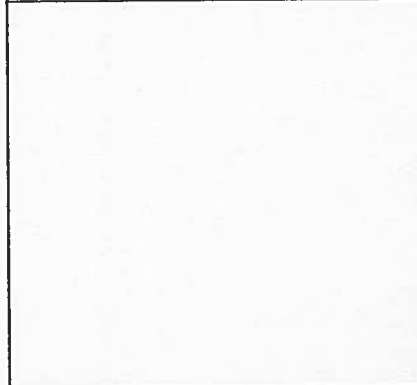
7

RRH MOUNTING

6

NOT USED

5



NOT USED

4

(N) PANEL ANTENNA (800/1900)

3

NOT USED

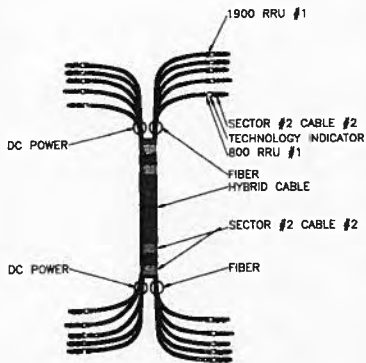
2

800/1900MHz MOUNTING

1

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

5 NOT USED
SCALE: N.T.S.



3 HYBRID CABLE COLOR CODE
SCALE: N.T.S.

TYPICAL COAX CABLE COLOR CODING SCHEME

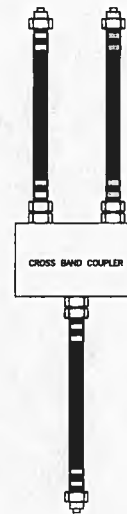
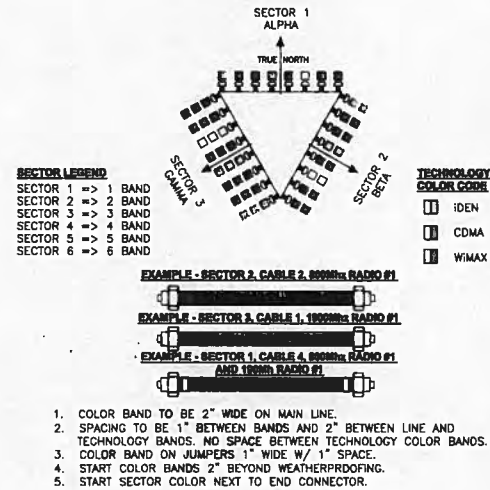
SECTOR	CABLE	FIRST RING	SECOND RING	THIRD RING
1 ALPHA	1	GREEN	NO TAPE	NO TAPE
1	2		NO TAPE	NO TAPE
1	3		NO TAPE	NO TAPE
1	4	WHITE	NO TAPE	NO TAPE
1	5		NO TAPE	NO TAPE
1	6	SLATE	NO TAPE	NO TAPE
1	7	PURPLE	NO TAPE	NO TAPE
1	8	ORANGE	NO TAPE	NO TAPE
2 BETA	1	GREEN	GREEN	NO TAPE
2	2	BLUE	BLUE	NO TAPE
2	3	BROWN	BROWN	NO TAPE
2	4	WHITE	WHITE	NO TAPE
2	5	RED	RED	NO TAPE
2	6	SLATE	SLATE	NO TAPE
2	7	PURPLE	PURPLE	NO TAPE
2	8	ORANGE	ORANGE	NO TAPE
3 GAMMA	1	GREEN	GREEN	GREEN
3	2	BLUE	BLUE	BLUE
3	3	BROWN	BROWN	BROWN
3	4	WHITE	WHITE	WHITE
3	5	RED	RED	RED
3	6	SLATE	SLATE	SLATE
3	7	PURPLE	PURPLE	PURPLE
3	8	ORANGE	ORANGE	ORANGE

4 COAXIAL CABLE COLOR CODE
SCALE: N.T.S.

TECHNOLOGY COLOR CODE	FIRST RING	SECOND RING
800 #1	YELLOW	GREEN
1900 #1	YELLOW	
1900 #2	YELLOW	
RESERVED	YELLOW	
RESERVED	YELLOW	SLATE
RESERVED	YELLOW	ORANGE
RESERVED	YELLOW	WHITE

2 FREQUENCY COLOR CODE
SCALE: N.T.S.

ANTENNA AND CABLE COLOR CODING
(3 SECTORED / MULTIPLE RF CHANNELS)
ASSUMING 8 LINES AND ANTENNAS



1 ANTENNA & CABLE COLOR CODE
SCALE: N.T.S.



PROJECT INFORMATION:

NETWORK VISION MMIBTS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	DETAILS
A	02/24/12	ISSUED FOR 80% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

(N) COLOR CODING

SHEET NUMBER:

A-11

REVISION:





PROJECT INFORMATION:

NETWORK VISION MBMTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

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100%CD's

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A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR BOX CD REVIEW	AMF
C	03/28/12	100%CD's	DY
	10/8/12	CITY COMMENTS	DY
	10/18/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

SCHEMATIC GROUNDING PLAN

SHEET NUMBER:

E-1

REVISION:



GROUNDING KEYED NOTES:

- ANTENNA GROUND BUSS BAR NEAR ANTENNA MOUNTS WITH COAX GROUND KIT. SEE DETAIL 4/E-2 FOR GROUND BAR CONSTRUCTION. SEE DETAIL 3/E-2 FOR GROUND WIRE CONNECTIONS, AND SEE DETAIL 2/E-2 FOR COAX GROUNDING.
- #8 AWG GROUND FROM ANTENNA GROUND BUSS BAR TO THE INTO (E) ROOF GROUNDING SYSTEM (TYP OF (2) PLACES)
- #6 AWG ANTENNA MOUNT GROUND TO ANTENNA GROUND BUSS BAR (TYP OF 6)
- #8 AWG GROUND FROM RRH UNITS TO ANTENNA GROUND BUSS BAR
- #8 AWG GROUND FROM H-FRAME TO THE INTO (E) GROUND BUSS BAR.
- #8 AWG GROUND FROM DBU CABINET TO THE INTO (E) GROUND BUSS BAR.
- (E) GROUND BUSS BAR NEAR EQUIPMENT WITH COAX GROUND KIT. SEE DETAIL 4/E-2 FOR GROUND BAR CONSTRUCTION, SEE DETAIL 3/E-2 FOR GROUND WIRE CONNECTIONS, AND SEE DETAIL 2/E-2 FOR COAX GROUNDING.
- #8 AWG GROUND FROM (E) GROUND BUSS BAR TO THE INTO (E) ROOF GROUNDING SYSTEM (TYP OF (2) PLACES)
- MECHANICAL CONNECTION (TYP).
- #8 AWG GROUND FROM FIBER JUNCTION BOX TO THE INTO (E) GROUND BUSS BAR.
- GC SHALL VERIFY (2) #8 AWG THIN GROUND LEADS FROM EACH OF TWO REMOTE INDIVIDUAL BUSES TO BE COLLECTED AT ONE MAIN WIRE AND FURTHER ROUTED TO (E) BUILDING STEEL OR OTHER (E) DESIGNATED BUILDING GROUNDING SYSTEM (FROM DESIGNATED POINT OF GROUNDING TO BE COORDINATED BETWEEN CM, GC AND BUILDING OWNER).
- #8 AWG GROUND FROM MODECELL CABINET TO THE INTO (E) GROUND BUSS BAR.
- (N) SPRINT FIBER JUNCTION BOX MOUNTED ON (E) H-FRAME. CONTRACTOR TO FIELD VERIFY LOCATION DURING CONSTRUCTION
- (N) SPRINT BATTERY CABINET (80ECV2) TO BE INSTALLED
- (N) SPRINT MODECELL BTS CABINET (9928) TO BE INSTALLED
- (E) SPRINT TELCO CABINET

ALL ROOF TOP GROUND LEADS SHALL BE THERMOPLASTIC HIGH HEAT-RESISTANT NYLON-COATED (TYP).

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	COPPER GROUND ROD		TEST WELL
	MECHANICAL CONNECTION		GROUND BAR
	CADMIUM CONNECTION		
	FIELD VERIFY & TIE INTO (E) GROUNDING SYSTEM		

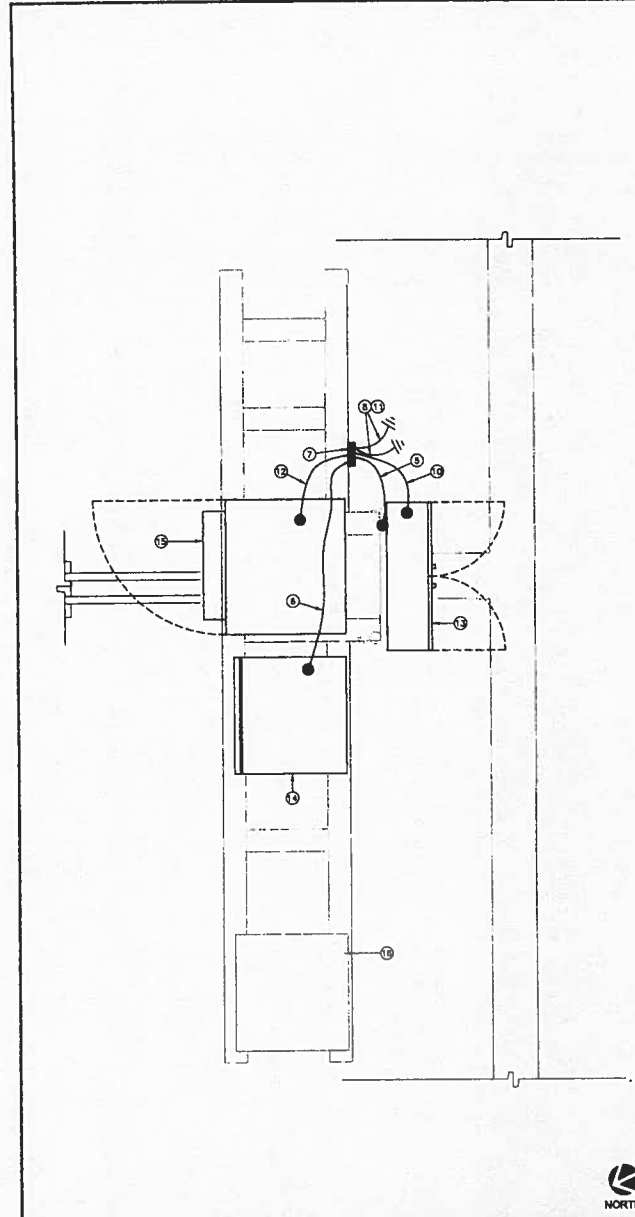
GROUNDING NOTES & LEGEND

GENERAL GROUNDING NOTES

- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING GROUND WIRES AND CONNECT TO SURFACE MOUNTED BUSS BARS. FOLLOW ANTENNA AND BTS MANUFACTURERS PRACTICES FOR GROUNDING REQUIREMENTS. GROUND COAX SHIELD AT BOTH ENDS AND OUT FROM TOWER OR POLE USING MFR'S PRACTICES.
- ALL GROUND CONNECTIONS SHALL BE CADWELDED. ALL WIRES SHALL BE COPPER THIN/THIN. ALL GROUND WIRE SHALL BE GREEN INSULATED WIRE ABOVE GROUND.
- CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE. GROUNDING AND OTHER OPERATIONAL TESTING WILL BE WITNESSED BY SPRINT WIRELESS, LLC. REPRESENTATIVE.
- REFER TO DIVISION 18 GENERAL ELECTRIC: GENERAL ELECTRICAL PROVISION AND COMPLY WITH ALL REQUIREMENTS OF GROUNDING STANDARDS.
- CONTRACTOR TO ABIDE BY ALL ALI / SPRINT SAFETY STANDARDS DURING SITE CONSTRUCTION.
- CONTRACTOR SHALL REFER TO ALI / SPRINT STANDARDS FOR GROUNDING CONNECTIONS & INSTALLATION METHODS.
- ELECTRICAL CONTRACTOR TO PROVIDE DETAILED DESIGN OF GROUNDING SYSTEM, AND RECEIVE APPROVAL OF DESIGN BY AUTHORIZED SPRINT MOBILITY REPRESENTATIVE. PRIOR TO INSTALLATION OF GROUNDING SYSTEM. PHOTO DOCUMENT ALL CADWELDS AND GROUND RING.
- NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.

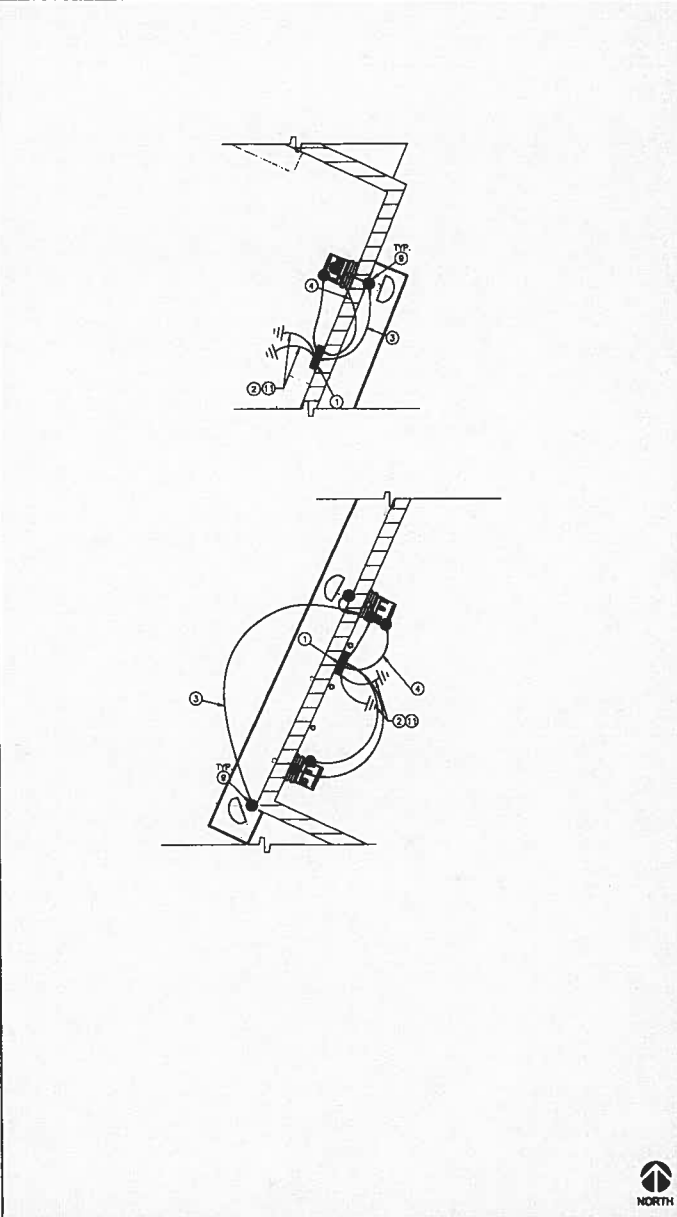
GROUNDING ROD NOTES

- (WHERE APPLICABLE)
 ELECTRICAL CONTRACTOR SHALL ORDER GROUND RESISTANCE TESTING ONCE THE GROUND SYSTEM HAS BEEN INSTALLED; A QUALIFIED INDIVIDUAL, UTILIZING THE FALL OF POTENTIAL METHOD, SHOULD PERFORM THE TEST. THE REPORT WILL SHOW THE LOCATION OF THE TEST AND CONTAIN NO LESS THAN 8 TEST POINTS ALONG THE TESTING LINE, GRAPHPED OUT TO SHOW THE PLATEAU.
 2 POINT GROUND TEST OR 3 POINT 82% TESTS WILL NOT BE ACCEPTED AS ALTERNATIVES TO THE ABOVE MENTIONED GROUNDING TESTS. TEST SHALL BE PERFORMED WHILE THE COUNTERPOISE IS ISOLATED FROM THE A/C SYSTEM GRES AND (E) COMMUNICATIONS FACILITY.



EQUIPMENT SCHEMATIC GROUNDING PLAN

SCALE: 3/8" = 1'-0" (20x04)
 (OR) 3/8" = 1'-0" (11x17)
 1



ANTENNA SCHEMATIC GROUNDING PLAN

SCALE: 3/8" = 1'-0" (20x04)
 (OR) 3/8" = 1'-0" (11x17)
 2

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PROJECT INFORMATION:

NETWORK VISION MM8TS LAUNCH
AGOURA HILLS
LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DMR
B	03/13/12	ISSUED FOR 80% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/18/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSE:



SHEET TITLE:

GROUNDING DETAILS

SHEET NUMBER:

E-2

REVISION:



NOTES:

EXISTING SINGLE PHASE, 120/240 VAC, 60HZ SERVICE WILL PROVIDE SUFFICIENT POWER REQUIREMENTS FOR NEW PROPOSED SPRINT EQUIPMENT, CABLING & ANTENNA UPGRADES

GC SHALL COORDINATE WITH ELECTRICIAN PRIOR TO START OF CONSTRUCTION; AS NO ADDITIONAL POWER AND TELEPHONE CONDUIT SHALL BE INSTALLED EXCEPT FOR CABLING WITHIN CONDUIT FROM EACH OF (1) NEW RIBB TO THE EXISTING POWER CABINET AND FROM THE NEW LUCENT MOD CDLL 9928 EQUIPMENT CABINET TO EACH OF (1) RIBB UNITS VIA NEW SINGLE HYBRIFLEX FIBER OPTIC CABLING ROUTED FROM THE EXISTING SPRINT EQUIPMENT PLATFORM TO ALL ANTENNA SECTORS

FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO DRAWINGS PROVIDED BY PANEL MANUFACTURER.

ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C., UTILITY COMPANY, AND LOCAL CODE REQUIREMENTS.

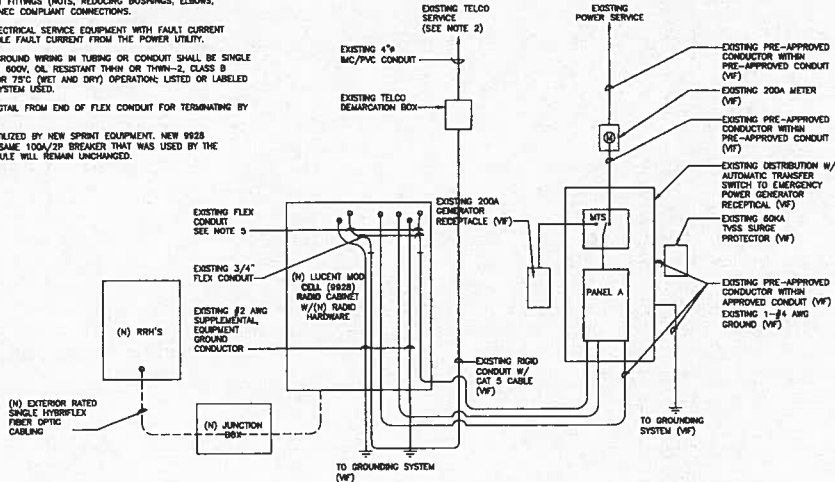
EXISTING CONDUIT WITH ALL CONDUIT FITTINGS (NUTS, REDUCING BUSHINGS, ELBOWS, COUPLINGS, ETC.) NECESSARY FOR NEC COMPLIANT CONNECTIONS.

SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE EQUIPMENT WITH FAULT CURRENT RATING GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY.

POWER, CONTROL AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#10 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 75°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED.

CUT, OIL AND TAPE A 10 FOOT PIGTAIL FROM END OF FLEX CONDUIT FOR TERMINATING BY MANUFACTURER.

MAIN PANEL IS TO REMAIN & BE UTILIZED BY NEW SPRINT EQUIPMENT. NEW 9928 EQUIPMENT CABINET WILL USE THE SAME 100A/2P BREAKER THAT WAS USED BY THE REMOVED EQUIPMENT. PANEL SCHEDULE WILL REMAIN UNCHANGED.



NOT USED

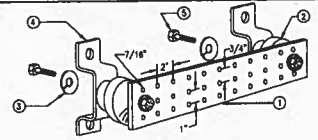
8

NOT USED

6

ELECTRICAL ONE LINE DIAGRAM

5



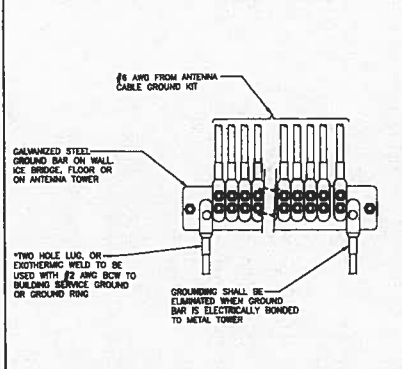
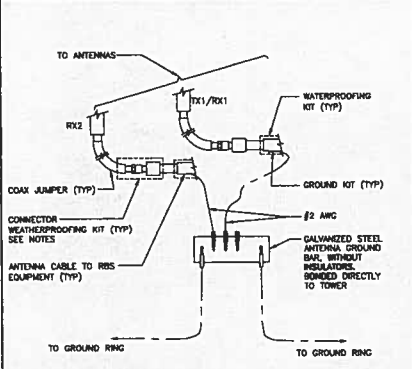
1. GALVANIZED STEEL GROUND BAR, HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BAR SIZE WILL VARY BASED ON NUMBER OF GROUND CONNECTIONS)
2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 3081-4 OR APPROVED EQUAL
3. 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO., CAT. NO. 3015-8 OR APPROVED EQUAL
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO., CAT. NO. A-8056 OR APPROVED EQUAL
5. 5/8"-11 x 1" HXCS BOLTS, NEWTON INSTRUMENT CO., CAT. NO. 3012-1 OR APPROVED EQUAL
6. INSULATORS SHALL BE ELIMINATED WHEN BONDING DIRECTLY TO TOWER/MONOPOLE STRUCTURE. CONNECTION TO TOWER/MONOPOLE STRUCTURE SHALL BE PER MANUFACTURERS RECOMMENDATIONS.

GROUND BAR (IF REQUIRED)

4

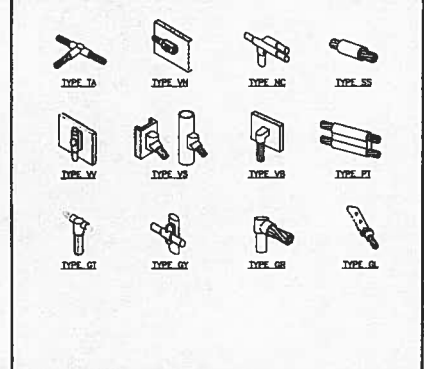
GROUND CABLE CONNECTION

3



GROUND WIRE INSTALLATION

2



EXOTHERMIC WELD CONNECTIONS

1

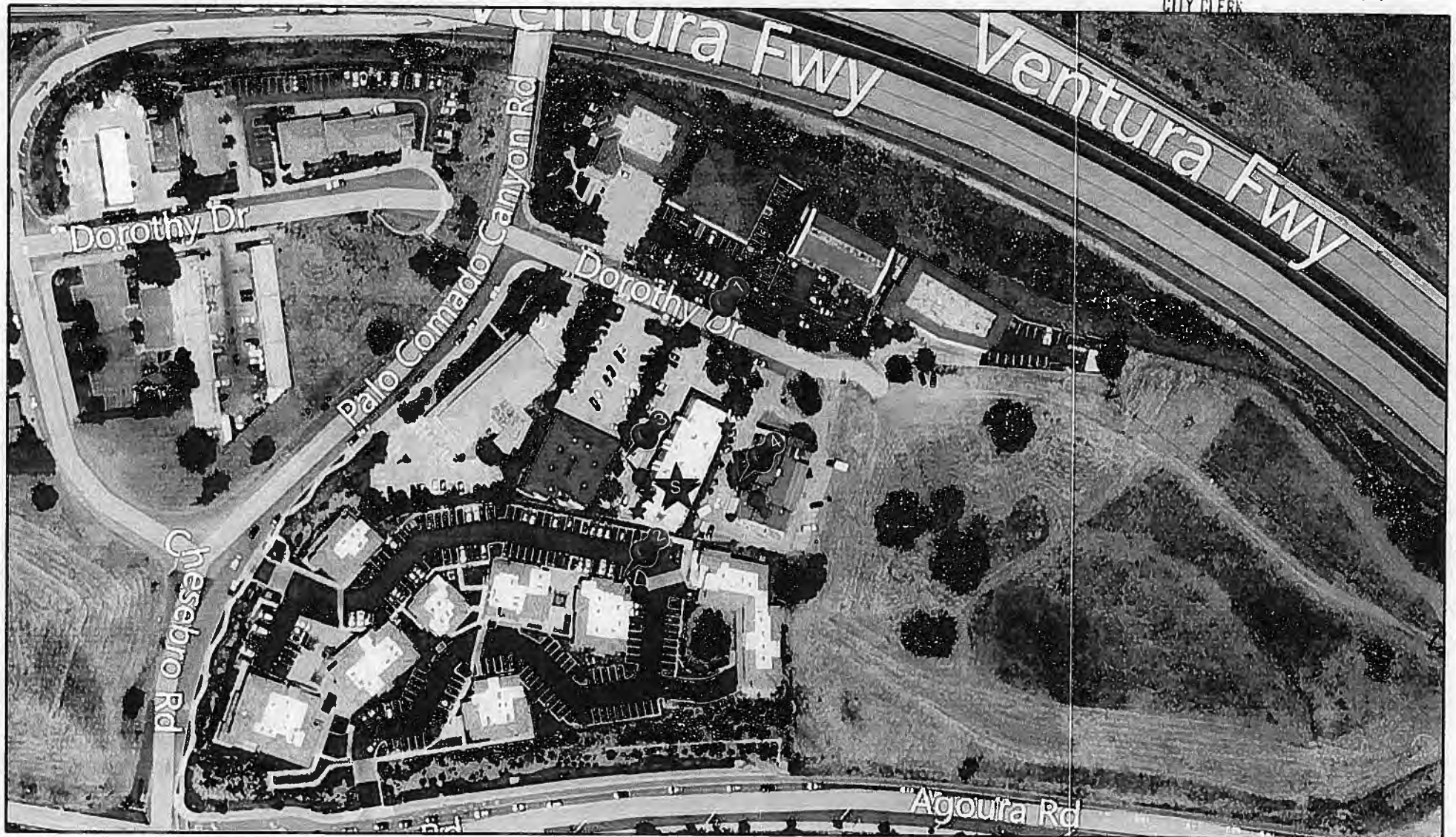
VICINITY MAP - PHOTOSIMULATION VIEWPOINTS

AGOURA HILLS
LA03XC200
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301

Sprint

CITY OF AGOURA HILLS
2013 JAN 22 PM 2:03
CITY CLERK

SD
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 795-5200

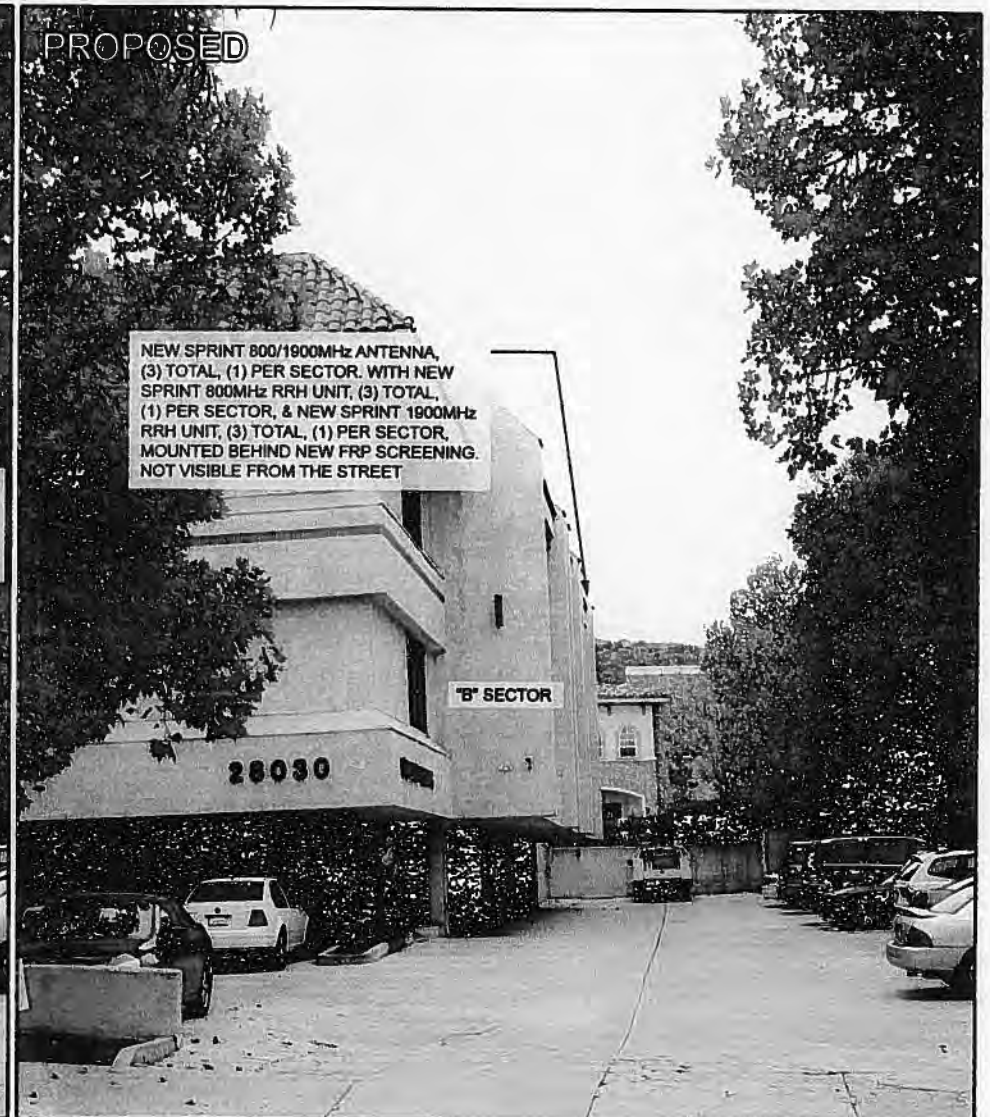


PHOTOSIMULATION VIEWPOINT 1

AGOURA HILLS
LA03XC200
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301

Sprint

SO
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 795-5200

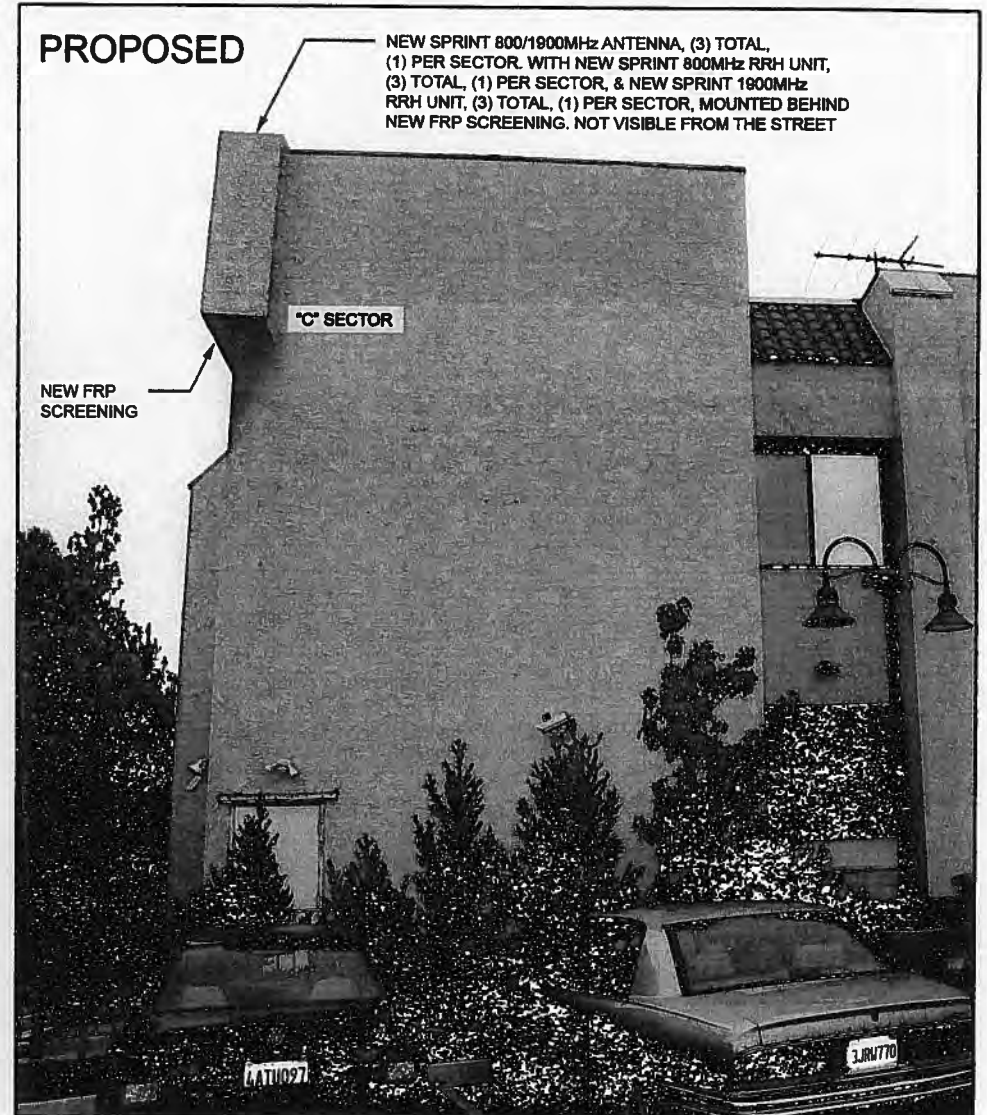
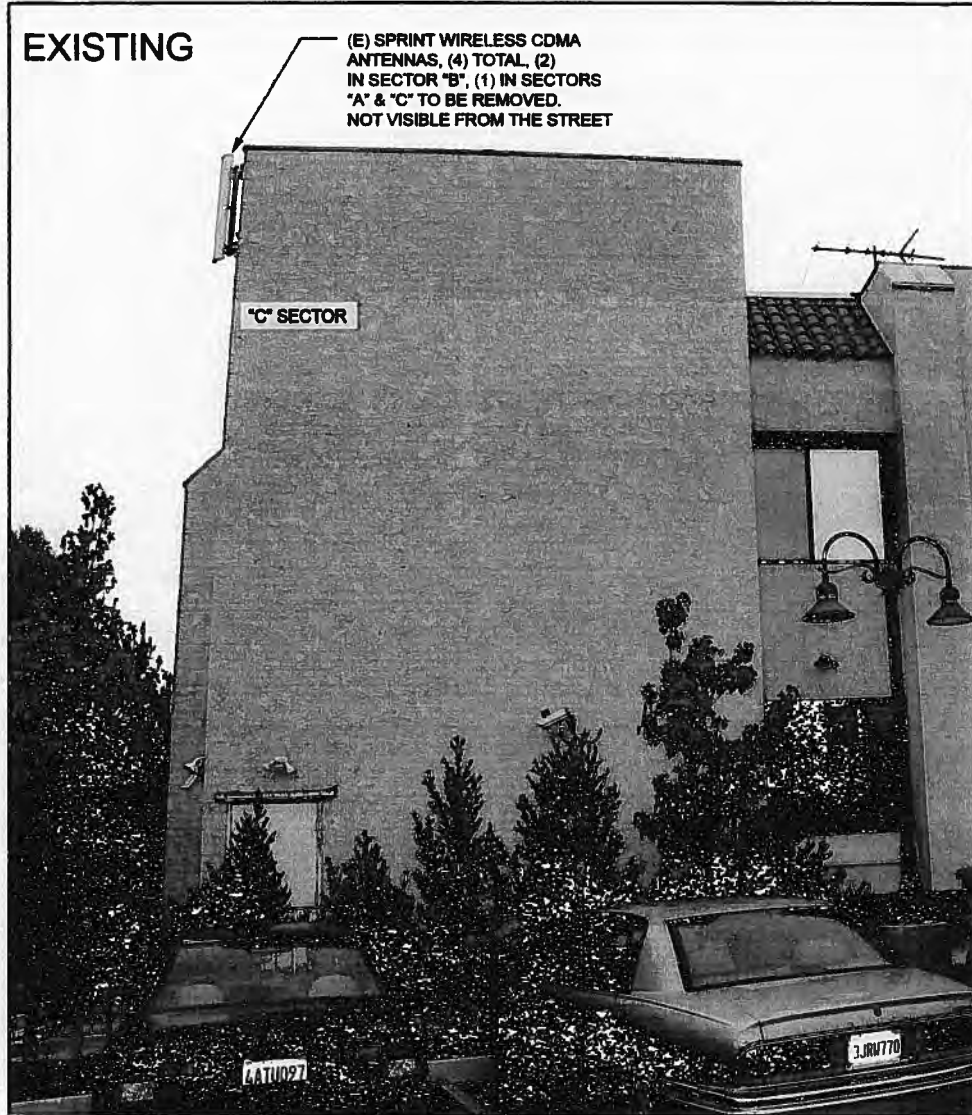


PHOTOSIMULATION VIEWPOINT 2

AGOURA HILLS
LA03XC200
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301



SE
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 795-5200

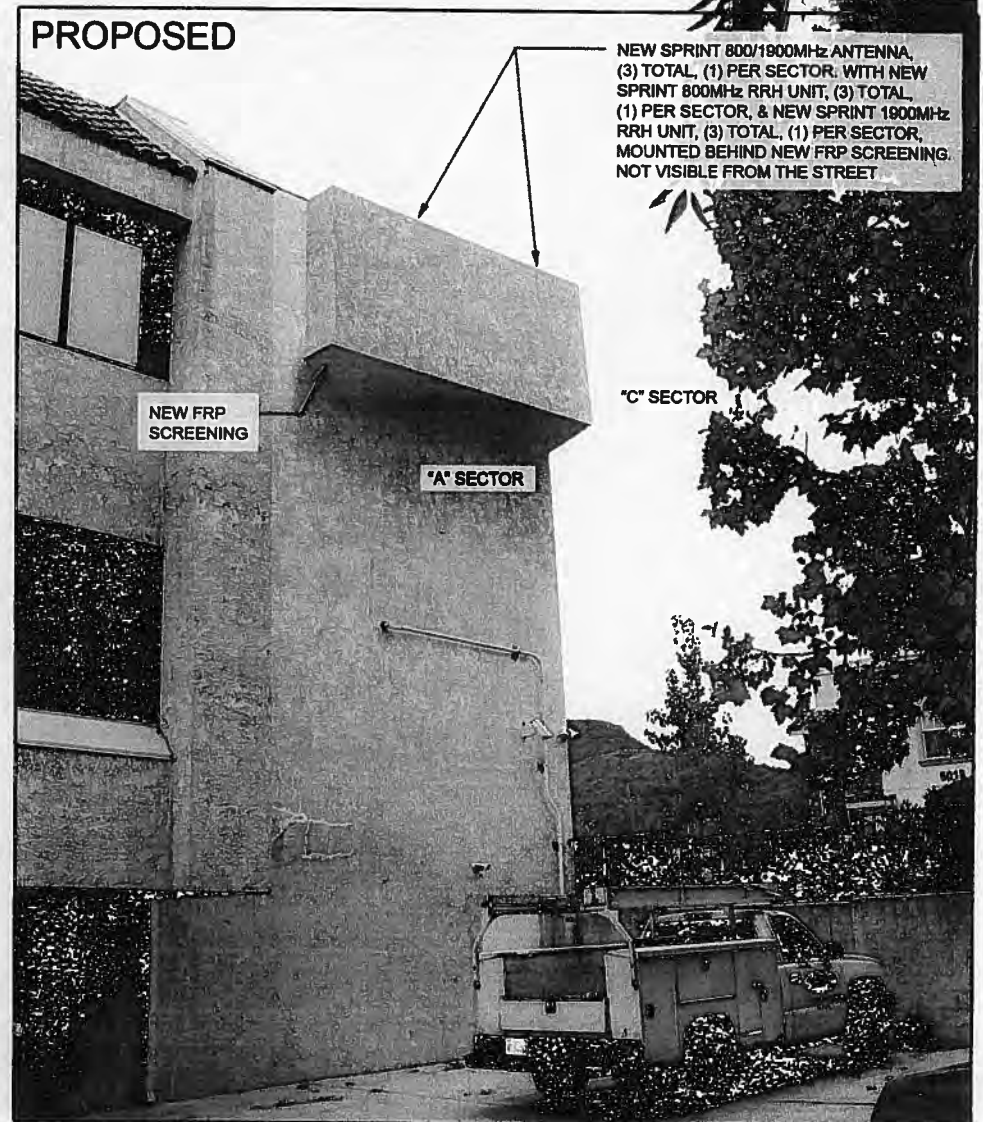
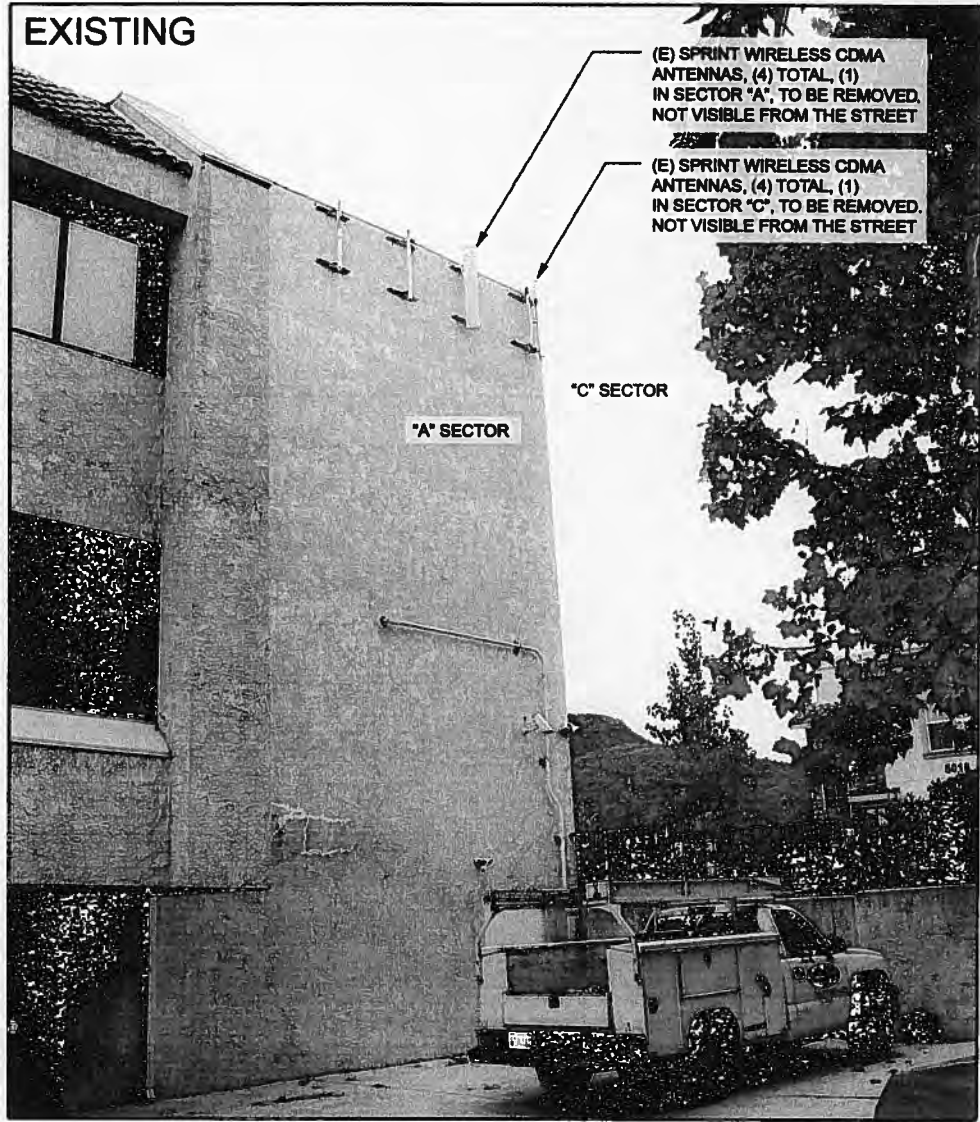


PHOTOSIMULATION VIEWPOINT 3

AGOURA HILLS
LA03XC200
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301

Sprint

SO
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 795-5200



PHOTOSIMULATION VIEWPOINT 4

AGOURA HILLS

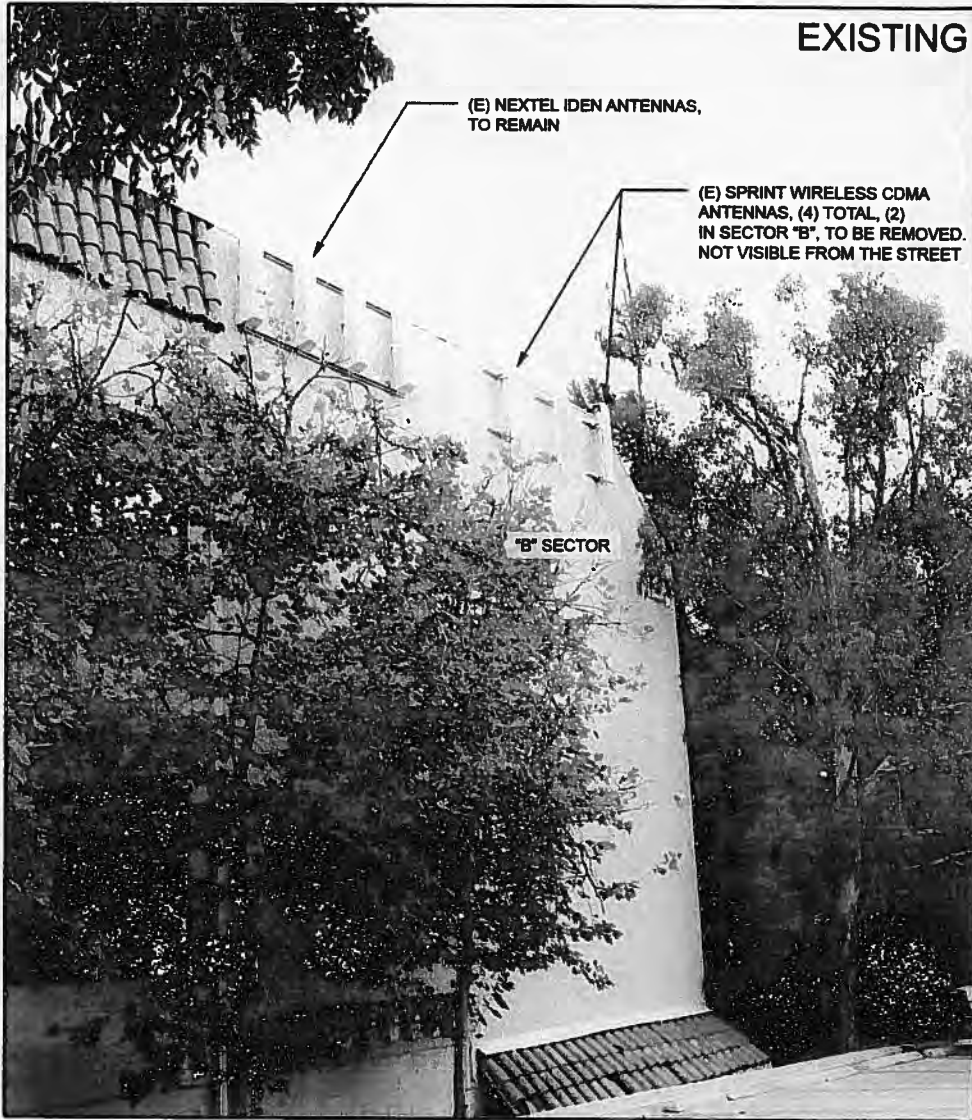
LA03XC200

28030 DORTHY DRIVE, AGOURA HILLS, CA 91301

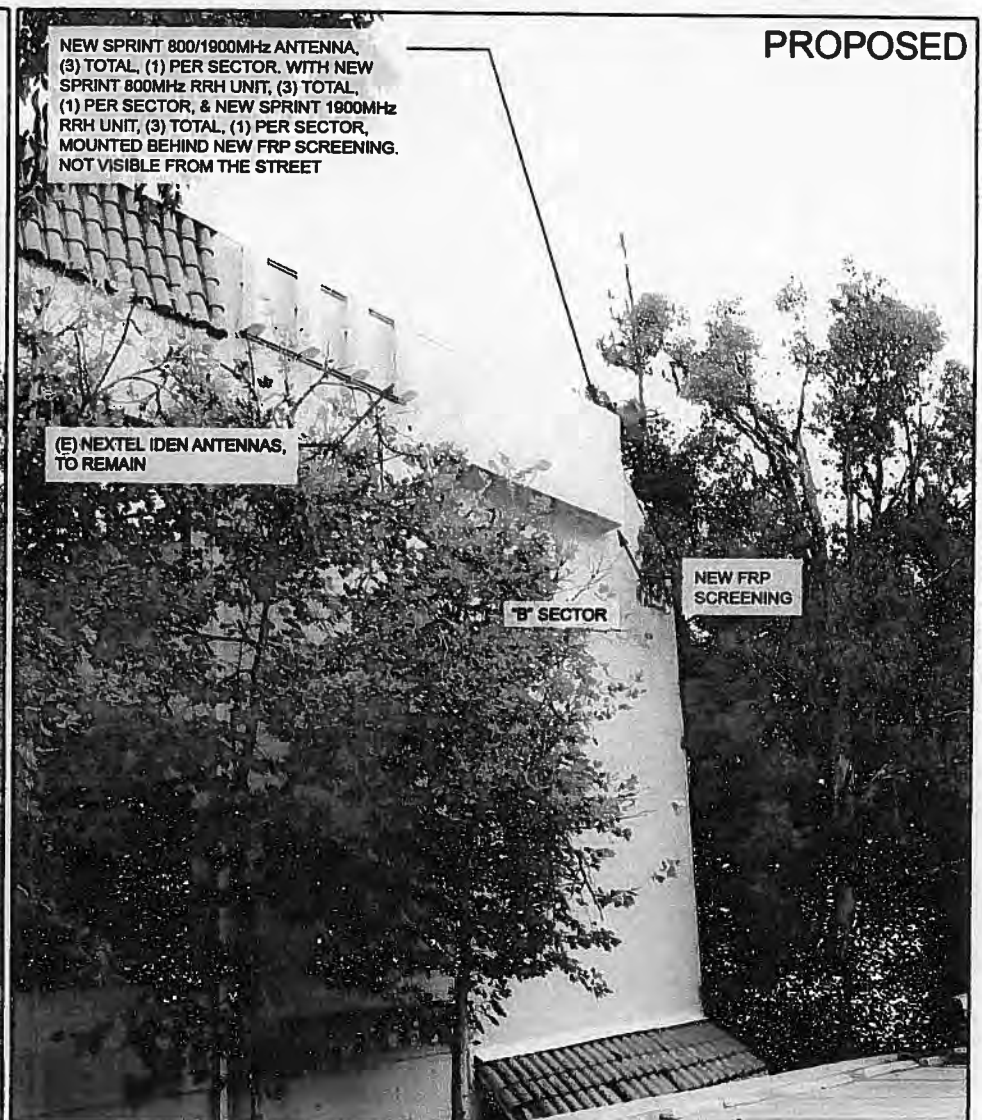


SC
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 785-5200

EXISTING



PROPOSED





**NORTHWEST CORNER
VIEW OF THE BUILDING**



EAST ELEVATION

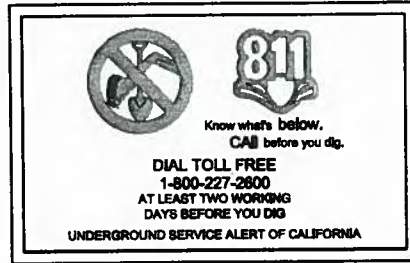


WEST ELEVATION



SOUTH ELEVATION

**CONDITIONAL USE PERMIT
CASE NO. 12-CUP-001**



NETWORK VISION MMBTS LAUNCH AGOURA HILLS LA03XC200

ROOFTOP

28030 DOROTHY DR.
AGOURA HILLS, CA 91301
CITY OF AGOURA HILLS

LATITUDE: 34° 8' 30.011" N
34.141670

LONGITUDE: 118° 44' 12.012" W
-118.736670

LOS ANGELES MARKET



SHEET DESCRIPTION

- T-1 TITLE SHEET
- T-2 GENERAL NOTES & SYMBOLS
- T-3 GENERAL NOTES
- T-4 SIGNAGE, NOTES & ABBREVIATIONS
- T-5 ZONING DOCUMENTS
- T-6 ZONING DOCUMENTS
- A-1 OVERALL SITE PLAN
- A-2 ROOFTOP PLAN
- A-3 ENLARGED ANTENNA & EQUIPMENT PLANS (E)
- A-4 ENLARGED ANTENNA & EQUIPMENT PLANS (N)
- A-5 (E) & (N) SOUTH ELEVATIONS
- A-6 (E) & (N) WEST ELEVATIONS
- A-7 (E) & (N) NORTH ELEVATIONS
- A-8 (E) & (N) EAST ELEVATIONS
- A-9 EQUIPMENT DETAILS
- A-10 CONSTRUCTION DETAILS
- A-11 (N) COLOR CODING
- E-1 SCHEMATIC GROUNDING PLANS
- E-2 GROUNDING DETAILS

SHEET INDEX



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

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REVISIONS

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NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T-1

REVISION:



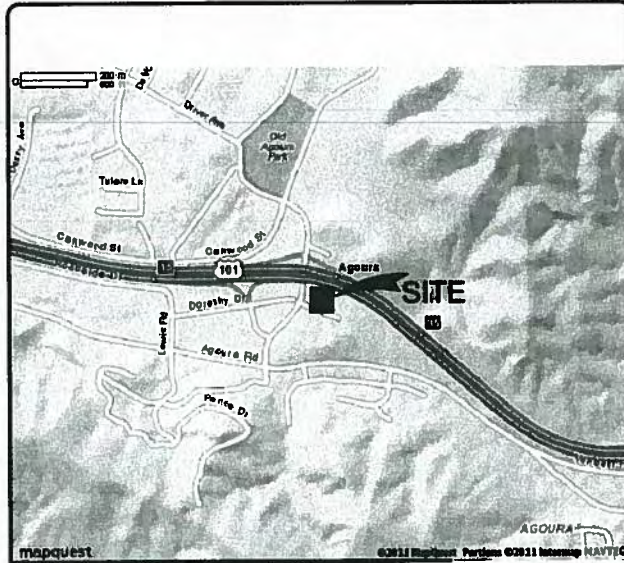
CALIFORNIA STATE CODE COMPLIANCE:

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.

- CALIFORNIA ADMINISTRATIVE CODE (INCL TITLE 24 & 25)
- 2010 CALIFORNIA BUILDING CODE
- 2010 CALIFORNIA GREEN BUILDING STANDARDS CODE
- 2010 CALIFORNIA PLUMBING CODE
- 2010 CALIFORNIA MECHANICAL CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 CALIFORNIA FIRE CODE
- 2006 INTERNATIONAL PROPERTY MAINTENANCE CODE
- 2010 CALIFORNIA ENERGY CODE
- CITY OF AGOURA HILLS BUILDING CONSTRUCTION REGULATION CODE(ORDINANCE #10-381)

ACCESSIBILITY REQUIREMENTS:

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



VICINITY MAP

FROM SPRINT OFFICE IN IRVINE, CA:

1. START OUT GOING NORTHEAST ON COMMERCE TOWARD EL CAMINO REAL.
2. TURN LEFT ONTO EL CAMINO REAL.
3. TURN LEFT ONTO JAMBOREE RD.
4. MERGE ONTO I-5 N.
5. KEEP LEFT TO TAKE US-101 N TOWARD LOS ANGELES/CVIC CENTER.
6. TAKE EXIT 35 TOWARD CHESEBRO RD/AGOURA HILLS.
7. TURN LEFT ONTO PALO COMADO CANYON RD.
8. TURN LEFT ONTO DOROTHY DR.
9. 28030 DOROTHY DR IS ON THE RIGHT.

DRIVING DIRECTIONS

APPLICANT:

SPRINT
310 COMMERCE
IRVINE, CALIFORNIA 92602
CONTACT: TBD

PROPERTY INFORMATION:

PROPERTY OWNER: JACK DANIELS & SHELE HARRIS-DANIELS
CAL WEST ENTERPRISES, INC.
28030 DOROTHY DRIVE, SUITE 205
AGOURA HILLS, CA 91301

CONTACT: JACK DANIELS
PHONE: (818) 706-7383

BUILDING CODE: 2010 CBC
ZONING CLASSIFICATION: R-1
OCCUPANCY / USE: ---
PROPOSED PROJECT USE: TELECOMMUNICATIONS FACILITY
TYPE OF CONSTRUCTION: UNKNOWN
LOT AREA: ±21,072 SQ.FT.
BUILDING AREA: ±14,476 SQ.FT.
OF STORIES / HEIGHT: 2 FLOORS + GROUND LEVEL/±43'-6"
JURISDICTION: CITY OF AGOURA HILLS
PARCEL NUMBER(S): 2061-013-037

LEGAL DESCRIPTION:

LEGAL DESCRIPTION WAS OBTAINED ON 11-29-2011 VIA EXISTING PLANS.TITLE REPORT PARCEL 1: LOT 24 IN BLOCK 13 OF TRACT NO. 8451, IN THE CITY OF AGOURA HILLS, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 104 PAGES 78 THROUGH 90 INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY. EXCEPT THEREFROM THAT PORTION OF SAID LAND, DESCRIBED AS FOLLOWS: BEGINNING AT THE MOST NORTHERN CORNER OF SAID LOT 24; THENCE SOUTH 64° 55' 00" EAST ALONG THE NORTHEASTERLY BOUNDARY OF SAID LOT 24 TO THE POINT OF BEGINNING WHICH BEARS NORTH 65° 55' 00" WEST, 8 FEET FROM THE NORTHEASTERLY CORNER OF SAID LOT 24; THENCE CONTINUING ALONG SAID LINE, SOUTH 64° 55' 00" EAST, 8 FEET TO SAID NORTHEASTERLY CORNER; THENCE SOUTH 25° 05' 00" WEST, 197.01 FEET TO THE SOUTHEASTERLY CORNER OF SAID LAND; THENCE IN A DIRECT LINE NORTHERLY TO THE POINT OF BEGINNING.

LEASE AREA:
APPROX 194 SQ.FT. (E)

PROJECT SUMMARY

SPRINT PROPOSES TO MODIFY AN (E) UNMANNED TELECOMMUNICATIONS FACILITY

- REMOVE (4) (E) PANEL ANTENNAS
- INSTALL (3) (N) PANEL ANTENNAS
- REMOVE ALL (E) ANTENNA COAX
- INSTALL (3) (N) HYBRIFLEX CABLES USING (E) COAX ROUTE
- REMOVE (1) (E) MODCELL 4.0 COMPACT EQUIPMENT CABINET
- INSTALL (1) (N) MODCELL 4.0 CABINET WITH (N) RADIO HARDWARE
- REMOVE (1) (E) BATTERY BACK UP CABINET (60C)
- REMOVE (1) (E) POWER CABINET (60C)
- INSTALL (1) (N) BATTERY BACK UP CABINET (60EVC2)
- INSTALL (6) (N) RRH UNITS
- INSTALL (1) (N) JUNCTION BOX

	(E) APPROVAL	(E) ON SITE	(PROPOSED) MOD
# OF ANTENNAS	8	4	3
SIZE OF ANTENNAS	4'-0"	4'-0"	6'-0"
EQUIPMENT	X	4	4

PROJECT DESCRIPTION

CODE BLOCK

APPROVAL	SIGNATURE	DATE
PROJECT MANAGER		
CONSTRUCTION MANAGER	THOMAS TRAPANI	02/25/12
RF ENGINEER		
SITE ACQUISITION	T. ANDREDE/SACW	02/28/12
PLANNING CONSULTANT		
PROPERTY OWNER		
SPRINT REP		

SIGNATURE BLOCK

GENERAL NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY 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 CARRIER CONSTRUCTION PROJECT MANAGER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY CARRIER CONSTRUCTION PROJECT MANAGER.

- 26. WHEN APPLICABLE, CONTRACTOR IS RESPONSIBLE TO CALL, COORDINATE AND/OR MAKE ARRANGEMENTS FOR RIGHT-OF-WAY AND/OR PRIVATE PROPERTY ACCESS BASED ON SPECIFIC SITE REQUIREMENTS.
- 27. CONTRACTORS TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO CARRIER ALONG WITH REDLINED CONSTRUCTION SET.
- 28. 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 CARRIER REQUIREMENTS.

- 49. ALL CONSTRUCTION THROUGH THE PROJECT SHALL CONFORM TO THE LATEST C.B.C. AND ALL OTHER GOVERNING CODES, INCLUDING THE CALIFORNIA ADMINISTRATIVE CODES TITLE 8, 19, AND 24. THE MOST RESTRICTIVE CODE SHALL GOVERN.
- 50. THE CONTRACTOR AND SUBCONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE REGULATIONS INCLUDING ALL OSHA REQUIREMENTS.
- 51. WHEN REQUIRED STORAGE OF MATERIALS OCCURS, THEY SHALL BE EVENLY DISTRIBUTED OVER THE FLOOR OR ROOF SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING OR BRACING SHALL BE PROVIDED WHERE THE STRUCTURE HAS NOT ATTAINED THE DESIGN STRENGTH FOR THE CONDITIONS PRESENT.
- 52. THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING HIS PROFESSIONAL KNOWLEDGE AND SKILLS. HE IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE PROJECT.
- 53. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES, FEES AND INSPECTIONS WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. HE/SHE MUST PROVIDE E911 ADDRESS TO SPRINT WIRELESS. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR AUTHORIZED AGENT. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT OF SAID DOCUMENT.
- 54. ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE. DRAWINGS ARE NOT TO BE SCALED UNDER ANY CIRCUMSTANCES.
- 55. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.
- 56. THE CONTRACTOR SHALL PROVIDE THE FIRE MARSHALL OR U.I. APPROVED MATERIALS TO FILL/SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES.
- 57. NEW CONSTRUCTION ADDED TO (E) CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.
- 58. THE CONTRACTOR IS TO PROVIDE PORTABLE FIRE EXTINGUISHERS HAVING A MINIMUM 2A:10-B:C RATING WITHIN 75FT. OF TRAVEL TO ALL PORTIONS OF THE CONSTRUCTION AREA [2007 CFC SECTION 906-1-1 & 7 AND SECTION 906.3(1)]
- 59. MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR APPROVING THE RESULTS.
- 60. ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- 61. ALL DEBRIS AND REFUSE IS TO BE REMOVED FROM THE PROJECT CONTINUOUSLY AND PREMISES SHALL BE LEFT IN A CLEAN BROOM FINISHED CONDITION AT ALL TIMES.
- 62. BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GRADING AND CONSTRUCTION AS MANDATED BY THE GOVERNING AGENCY.
- 63. ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF CONTRACTOR HAS A QUESTION REGARDING THEIR EXACT MEANING THE ARCHITECT RESPONSIBLE FOR THE PROJECT SHALL BE NOTIFIED FOR CLARIFICATIONS.
- 64. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, 115, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- 65. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- 66. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THAT REQUIREMENTS SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
- 67. GROUNDING SHALL COMPLY WITH SPRINT/NEXTEL GROUNDING STANDARDS, LATEST EDITION AND COMPLY WITH SPRINT/NEXTEL GROUNDING CHECKLIST, LATEST VERSION. WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT, THEY SHALL GOVERN.
- 68. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING ARE REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
- 69. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL STATE AND FEDERAL CODES OR ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
- 70. ANY DAMAGE TO ADJACENT PROPERTIES WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE
- 71. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHOULD BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
- 72. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS/ANALYSIS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
- 73. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
- 74. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE KEPT TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO TREES AND VEGETATION OUTSIDE THE LEASED PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR.
- 75. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS, ETC., BETWEEN THE WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
- 76. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL BOXES, TRANSFORMERS, VAULTS, PUMP, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES--WHETHER OR NOPT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
- 77. IF APPLICABLE AN APPROVED SEISMIC GAS SHUT OFF VALVE OR EXCESS FLOW SHUT OFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL GAS PIPING. (PER ORDINANCE 170, 158 AND 180,670) (INCLUDES COMMERCIAL ADDITIONS AND TI WORK OVER \$10,000.) SEPARATE PLUMBING PERMIT IS REQUIRED.
- 78. PROVIDE DESIGN BY A LICENSED ENGINEER OR ARCHITECT FOR THE (VERTICAL) (SEISMIC/WIND LATERAL) FORCE RESISTING SYSTEM PER (LABC 2305, & 2307, R301.1.0).

SYMBOLS:

- (X) GRID REFERENCE
- (X/Y) DETAIL REFERENCE
- (X/Y) ELEVATION REFERENCE
- (X/Y) SECTION REFERENCE
- CENTERLINE
- PROPERTY/LEASE LINE
- MATCH LINE
- WORK POINT
- GROUND CONDUCTOR
- TELEPHONE CONDUIT
- ELECTRICAL CONDUIT
- COAXIAL CABLE
- OVERHEAD SERVICE CONDUCTORS
- [Pattern] GROUT OR PLASTER
- [Pattern] (E) BRICK
- [Pattern] (E) MASONRY
- [Pattern] CONCRETE
- [Pattern] EARTH
- [Pattern] GRAVEL
- [Pattern] PLYWOOD
- [Pattern] SAND
- [Pattern] WOOD CONTINUOUS
- [Pattern] WOOD BLOCKING
- [Pattern] STEEL
- (N) NEW
- (E) (E)
- (E) ANTENNA
- (E) ANTENNA
- GROUND ROD
- GROUND BUS BAR
- MECHANICAL GRND. CONN.
- CADWELD
- [Symbol] GROUND ACCESS WELL
- [E] ELECTRIC BOX
- [T] TELEPHONE BOX
- [Sun] LIGHT POLE
- [O] FND. MONUMENT
- [+/-] SPOT ELEVATION
- [A] SET POINT
- [A] REVISION



PROJECT INFORMATION:

NETWORK VISION MMBS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
[A]	10/8/12	CITY COMMENTS	DY
[A]	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

GENERAL NOTES & SYMBOLS

SHEET NUMBER:

T-2

REVISION:

[A]

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 9.0 STRUCTURAL STEEL
 10.0 GROUNDING

COMPLY WITH THESE STANDARDS UNLESS OTHERWISE REQUIRED BY APPLICABLE CODES

*GENERAL CONTRACTOR SHALL COMPLY WITH OSHA AND SPRINT STANDARD SAFETY AND CONSTRUCTION PROCEDURES.

1.0 CONSTRUCTION TO CONFORM TO SPRINT NEXTEL INTEGRATED CONSTRUCTION STANDARDS
 1.1 PURPOSE AND INTENT
 A. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH. SHOULD THERE BE ANY DISCREPANCIES BETWEEN REQUIREMENTS SHOWN IN BOTH, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
 B. THE INTENTION OR THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.
 C. THE PURPOSE OF THE SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK.
 1.2 CONFLICTS
 A. VERIFY ALL MEASUREMENTS AT THE SITE BEFORE ORDERING MATERIAL OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED DUE TO DIFFERENCES BETWEEN ACTUAL DIMENSIONS OR DIMENSIONS SHOWN ON PLANS. SUBMIT NOTICE OF ANY DISCREPANCY IN DIMENSIONS OR OTHERWISE TO SPRINT WIRELESS FOR RESOLUTION BEFORE PROCEEDING WITH THE WORK.
 B. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST OR OF DIFFICULTIES OF CONDITIONS THAT MAY BE ENCOUNTERED, OR OF ANY OTHER RELEVANT MATTER CONCERNING THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS GOVERNING THE WORK.
 1.3 CLEANING
 KEEP THE SITE FREE FROM ACCUMULATION OF WASTE AND RUBBISH CAUSED BY EMPLOYEES AT THE COMPLETION OF THE WORK. REMOVE ALL WASTE AND NON-CONSTRUCTION MATERIAL INCLUDING ALL CONTRACTOR TOOLS, SCAFFOLDING AND SURPLUS MATERIAL AND LEAVE SITE CLEAN AND READY FOR USE.
 1.4 CODES
 CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL LAWS, REGULATIONS AND RULES PROMULGATED BY FEDERAL STATE AND LOCAL AUTHORITIES WITH JURISDICTION OVER THE SITE. THIS RESPONSIBILITY IS IN EFFECT REGARDLESS OF WHETHER THE LAW, ORDINANCE, REGULATION OR RULE IS MENTIONED IN THESE SPECIFICATIONS.
 1.5 LICENSING
 HAVE AND MAINTAIN A VALID CONTRACTORS LICENSE FOR THE LOCATION IN WHICH THE WORK IS TO BE PERFORMED. FOR THAT LICENSE INDIVIDUAL TRADES, THE TRADESMAN OR SUBCONTRACTORS PERFORMING THOSE TRADES SHALL BE LICENSED. RESEARCH AND COMPLY WITH LICENSING LAWS, PAY LICENSE FEES, AND SELECT AND INFORM SUBCONTRACTORS REGARDING THESE LAWS.
 1.6 OSHA
 FOLLOW ALL APPLICABLE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS, AND STATE LAWS BASED IN THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT. THESE REGULATIONS INCLUDE BUT ARE NOT LIMITED TO REGULATIONS DEALING WITH TOWER CONSTRUCTION AND SAFETY, EXCAVATIONS AND TRENCHING, AND WORK IN CONFINED SPACES. ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES DURING CONSTRUCTION.
 1.7 PHOTOS
 PROVIDE PHOTOGRAPHIC EVIDENCE OF ALL FOUNDATION INSTALLATION, GROUNDING AND TRENCHING AFTER PLACEMENT OF UTILITIES PRIOR TO BACKFILL.
 1.8 BUILDING PERMITS
 SPRINT WIRELESS WILL SUBMIT CONSTRUCTION DOCUMENTS TO THE JURISDICTIONAL AUTHORITY FOR PLAN CHECK AND REVIEW. CONTRACTOR WILL SUBMIT LICENSING AND WORKMAN'S COMPENSATION INFORMATION TO THE JURISDICTION AS REQUIRED TO OBTAIN THE BUILDING PERMIT. CONTRACTOR SHALL COORDINATE AND SCHEDULE REQUIRED INSPECTIONS AND POST REQUIRED PERMITS AT THE JOB SITE. COMPLY WITH SPECIFIC PROJECT-RELATED REQUESTS AND SUGGESTIONS MADE BY BUILDING INSPECTOR AND INFORM CONSTRUCTION MANAGER OF ANY SUCH WORK THAT MAY BE BEYOND THE SCOPE OF THE CONTRACT OR DEVIATE FROM THE CONSTRUCTION DOCUMENTS. SPRINT WIRELESS WILL REIMBURSE THE CONTRACTOR FOR FEES FOR PLAN REVIEW, BUILDING PERMIT, CONNECTIONS AND INSPECTION.
 1.9 ZONING REGULATIONS AND CONDITIONAL USE PERMITS
 SPRINT WIRELESS WILL SUBMIT FOR AND OBTAIN ALL ZONING AND CONDITIONAL USE PERMITS. SOME USE PERMITS MAY HAVE SPECIFIC REQUIREMENTS RELATED TO THE CONSTRUCTION SUCH AS NOISE REGULATIONS, HOURS OF WORK, ACCESS LIMITATIONS, ETC. THE CONSTRUCTION MANAGER WILL INFORM THE CONTRACTOR OF THESE REQUIREMENTS AT THE PRE-BID MEETING OR AS SHOWN IN CONSTRUCTION DOCUMENTS.
 1.10 FAA PERMIT AND TOWER LIGHTING
 REFER TO CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER FOR FAA AND STATE LIGHTING REQUIREMENTS. CONTRACTOR SHALL PROVIDE TEMPORARY FAA APPROVED LIGHTING UNTIL PERMANENT LIGHTING IS OPERATIONAL.
 1.11 TOWER SECURITY
 TOWER MUST BE FENCED, TEMPORARILY OR PERMANENTLY WITHIN 24 HOURS OF ERECTION. DO NOT ALLOW THE GATE ACCESSING THE TOWER AREA TO REMAIN OPEN OR UNATTENDED AT ANY TIME FOR ANY REASON. KEEP THE GATE CLOSED AND LOCKED WHEN NOT IN USE.
 1.12 SITE CONTROL
 A. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR CONTAINMENT OF SEDIMENT AND CONTROL OF EROSION AT THE SITE. ANY DAMAGE TO ADJACENT OR DOWNSTREAM PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO SPRINT WIRELESS.
 B. THE CONTRACTOR IS TO MAINTAIN ADEQUATE ROOF DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR POND ON ANY PORTION OF THE ROOF. ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY INADEQUATE MAINTENANCE OF ROOF DRAINAGE PROVISIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.
 C. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE OR AS DIRECTED BY THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH JURISDICTIONAL AUTHORITIES.
 2.0 SITE PREPARATION
 2.1 SCOPE OF WORK INCLUDES:
 A. PROTECTION OF EXISTING TREES, VEGETATION AND LANDSCAPING MATERIALS WHICH MIGHT BE DAMAGED BY CONSTRUCTION ACTIVITIES.
 B. TRIMMING OF EXISTING TREES AND VEGETATION AS REQUIRED FOR PROTECTION DURING CONSTRUCTION ACTIVITIES.
 C. CLEARING AND GRUBBING OF STUMPS, VEGETATION, DEBRIS, RUBBISH, DESIGNATED TREES, AND SITE IMPROVEMENTS.
 D. TOPSOIL STRIPPING AND STOCKPILING.
 E. TEMPORARY EROSION CONTROL, SILTATION CONTROL AND DUST CONTROL CONFORMING TO LOCAL REQUIREMENTS AS APPLICABLE.
 F. TEMPORARY PROTECTION OF ADJACENT PROPERTY, STRUCTURES, BENCHMARKS AND MONUMENTS.
 G. PROTECTION AND TEMPORARY RELOCATION, STORAGE AND RE-INSTALLATION OF DUSTING FENCING AND OTHER SITE IMPROVEMENTS SCHEDULED FOR REUSE.
 H. REMOVAL AND LEGAL DISPOSAL OF CLEARED MATERIALS.
 2.2 PRODUCTS AND MATERIALS (AS APPROVED BY CONSTRUCTION MANAGER OR AS NOTED IN CONSTRUCTION DOCUMENTS.)
 A. MATERIALS USED FOR TREE PROTECTION, EROSION CONTROL, SILTATION CONTROL AND DUST CONTROL AS SUITABLE FOR SPECIFIC SITE CONDITIONS.
 3.0 COMPACTION
 A. COMPACT BACKFILL TO A 95 PERCENT COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 OR WITHIN PLUS OR MINUS 3 PERCENT OF OPTIMUM MOISTURE CONTENT.
 B. IF REQUIRED COMPACTION DENSITY HAS NOT BEEN OBTAINED, REMOVE THE BACKFILL FROM THE TRENCH OR STRUCTURE, REPLACE WITH APPROVED BACKFILL AND RECOMPACT AS SPECIFIED.
 C. ANY SUBSEQUENT SETTLEMENT OF TRENCH OR STRUCTURE BACKFILL DURING MAINTENANCE PERIOD SHALL BE CONSIDERED THE RESULT OF IMPROPER COMPACTION AND SHALL BE PROMPTLY CORRECTED.
 4.0 CHAIN LINK FENCES AND GATES
 4.1 GENERAL
 A. PROVIDE CHAIN LINK FENCES AND GATES AS COMPLETE UNITS BY A SINGLE SUPPLY SOURCE INCLUDING NECESSARY ERECTION ACCESSORIES, FITTINGS AND FASTENERS.

4.2 PRODUCTS AND MATERIALS (AS APPROVED BY CONSTRUCTION MANAGER OR AS WITHIN CONSTRUCTION DOCUMENTS)

- A. COMPOUND FABRIC 84 INCHES HIGH AND OVER WITH 2-INCH MESH SHALL BE KNUCKLED AT ONE SELVAGE AND TWISTED AT THE OTHER.
 B. STEEL FABRIC:
 COMPLY WITH CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI) PRODUCT MANUAL. FURNISH ONE PIECE OF FABRIC WIDTHS. WIRE SIZE INCLUDES ZINC OR ALUMINUM COATING.
 1. SIZE: 2-INCH MESH 9 GAUGE (D.148-INCH DIAMETER) WIRE.
 2. GALVANIZED STEEL FINISH: ASTM A 392. CLASS 2. WITH A MINIMUM 2.0 OZ. ZINC PER SQ. FT. OF UNCOATED WIRE SURFACE.
 C. FRAMEWORK AND ACCESSORIES:
 1. GENERAL REQUIREMENTS: EXCEPT AS INDICATED OTHERWISE CONFORM TO THE CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI) PRODUCT MANUAL INDUSTRIAL STEEL GUIDE FOR FENCE RAILS, POSTS, GATES AND ACCESSORIES INCLUDING TABLE II.
 2. STRENGTH REQUIREMENTS FOR POSTS AND RAILS CONFORMING TO ASTM F 1043.
 3. TYPE 1 PIPE HOT-DIPPED GALVANIZED STEEL PIPE CONFORMING TO ASTM F 1083. PLANE ENDS, STANDARD WEIGHT (SCHEDULE 40) WITH NOT LESS THAN 18 OZ. ZINC PER SQ. FT. OF SURFACE AREA COATED.
 4. FILLINGS: COMPLY WITH ASTM F 526 MILL FINISHED ALUMINUM OR GALVANIZED IRON STEEL TO COMPLY WITH MANUFACTURER'S REQUIREMENTS.
 5. TOP RAIL MANUFACTURERS LONGEST LENGTHS, WITH EXPANSION TYPE COUPLINGS, APPROXIMATELY 6 INCHES LONG, FOR EACH JOINT. PROVIDE MEANS FOR ATTACHING TOP RAIL SECURELY TO EACH GATE CORNER, PULL AND END POST.
 D. GALVANIZED STEEL 1 1/4 INCH NPS (1.86 INCH OD) TYPE I OR II STEEL PIPE OR 1.625 NCH x 1.25 INCH ROLL-FORMED C SECTIONS WEIGHING 1.35 LBS. PER FT.
 E. SWING GATES:
 COMPLY WITH ASTM F 900. PROVIDE HARDWARE AND ACCESSORIES FOR EACH GATE. GALVANIZED PER ASTM A 153, AND IN ACCORDANCE WITH THE FOLLOWING:
 1. HINGES: NON LIFT-OFF TYPE. OFFSET TO PERMIT ISO DEG. GATE OPENING.
 2. LATCH: MTS MULTI-LOCKING DEVICE MT-C6477 OR APPROVED EQUAL.
 3. KEEPER: PROVIDE KEEPER FOR VEHICLE GATES, WHICH AUTOMATICALLY ENGAGES GATE LEAF AND HOLDS IT IN OPEN POSITION UNTIL MANUALLY RELEASED.
 F. CONCRETE:
 PROVIDE CONCRETE CONSISTING OF PORTLAND CEMENT, ASTM C 150, AGGREGATES ASTM C 33, AND CLEAN WATER. MIX MATERIALS TO OBTAIN CONCRETE WITH A MINIMUM OF 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 5.0 LANDSCAPING
 A. FURNISH, INSTALL AND MAINTAIN LANDSCAPE WORK AS SHOWN AND OR REQUIRED WITHIN THE CONSTRUCTION DOCUMENTS OR AS SPECIFIED IN THE SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS.
 6.0 CONCRETE FORMWORK
 A. FORMS: SMOOTH AND FREE OF SURFACE IRREGULARITIES. UTILIZE FORM RELEASE AGENTS.
 B. CHAMFER: EXPOSED EDGES OF ALL TOWER FOUNDATIONS SHALL RECEIVE A 3/4" BY 3/4" 45 DEGREE CHAMFER. OTHER EXPOSED EDGES SHALL RECEIVE A TOOLED RADIUS FINISH.
 C. UPON COMPLETION, REMOVE ALL FORMS, INCLUDING THOSE CONCEALED OR BURIED.
 D. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
 7.0 CONCRETE REINFORCEMENT
 REFER TO STRUCTURAL DRAWINGS FOR ALL REQUIREMENTS.
 8.0 CAST IN PLACE CONCRETE
 FOR STRUCTURAL CONCRETE (FOOTINGS, FOUNDATIONS, ETC.), REFER TO STRUCTURAL DRAWINGS FOR REQUIREMENTS. FOR ANY MISCELLANEOUS CONCRETE, REFER TO SPECIFICATION BOOK OR OBTAIN REQUIREMENTS FROM CONSTRUCTION MANAGER.
 A. ALL CONCRETE SHALL COMPLY WITH ASTM C94 UNLESS NOTED OTHERWISE.
 B. MINIMUM COMPRESSIVE STRENGTH (F'c) AT 28 DAYS: 4000 PSI FOR TOWER FOUNDATION AND 3500 PSI FOR ALL OTHER CONCRETE UNLESS SPECIFIED IN CONSTRUCTION DOCUMENTS.
 C. AIR ENTRAINMENT: PROVIDE 4 TO 8% AIR ENTRAINMENT FOR ALL CONCRETE SUBJECT TO FREEZE-THAW CYCLE.
 D. CONCRETE TESTING: ALL FOUNDATION CONCRETE SHALL BE TESTED BY AN INDEPENDENT TESTING AGENCY APPROVED BY THE CONSTRUCTION MANAGER. ALL STRUCTURAL TOWER FOUNDATION CONCRETE MUST BE TESTED. EQUIPMENT OR BUILDING PADS ARE NOT REQUIRED TO BE TESTED, UNLESS OTHERWISE NOTED BY CONSTRUCTION MANAGER. PROVIDE A MINIMUM OF 5 CYLINDERS (2-7-DAY, 2-28-DAY, 1-SPARE) FOR EACH DAYS POUR, OR FOR EVERY 50 YARDS PLACED, WHICHEVER IS GREATER. ADDITIONAL TESTS OR CYLINDERS MAY BE REQUIRED BY CONSTRUCTION MANAGER. A SLUMP, AIR, AND TEMPERATURE TEST SHALL BE PERFORMED FOR EACH SET OF CYLINDERS CAST. PREFERABLY, TESTS SHALL BE PERFORMED AT THE LOCATION OF ANCHOR BOLTS (PIERS - FOR MAT & PIERS, CAISSONS - TOP 1/3 OF CAISSON). TESTS SHALL ALSO BE REQUIRED FOR CONCRETE CONSIDERED BEING LESS THAN DESIRABLE BY CONCRETE SPECIFICATION STANDARDS. THE TESTING AGENCY HAS THE AUTHORITY TO NOT ACCEPT CONCRETE MEETING THESE SPECIFICATIONS FOR SPRINT WIRELESS. THE CONTRACTOR IS RESPONSIBLE FOR ANY CONCRETE NOT MEETING THESE STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE TESTING AGENCY A MINIMUM OF 24 HOURS IN ADVANCE OF EACH FOUNDATION POUR. TEST REPORTS SHALL BE FORWARDED TO SPRINT CONSTRUCTION MANAGER WITHIN 24 HOURS OF LAB TEST.
 E. VIBRATE ALL CONCRETE USING SUFFICIENT HIGH FREQUENCY LOW AMPLITUDE MECHANICAL IMMERSION TYPE VIBRATORS. INSERT VIBRATORS IN CONCRETE AT REGULAR INTERVALS AND OVER ENTIRE SURFACE TO SOLIDLY FILL CONCRETE MECHANICAL IMMERSION TYPE VIBRATORS. INSERT VIBRATORS IN CONCRETE AT REGULAR INTERVALS AND OVER ENTIRE SURFACE TO SOLIDLY FILL CONCRETE AROUND AND BETWEEN REINFORCEMENT BARS AND INTO CORNERS AND IRREGULARITIES. VIBRATE THOROUGHLY THROUGH EACH LIFT TO THE PREVIOUS LIFE REVERBERATION AS LATE AS THE RUNNING VIBRATOR WILL SINK SURFACE. DO NOT OVER VIBRATE AS THIS MAY CAUSE SEGREGATION.
 F. FINISHING EXPOSED CONCRETE SURFACES:
 1. THESE PROVISIONS APPLY TO ALL EXPOSED AND ALL FORMED CONCRETE, EXTERIOR OR INTERIOR. UNLESS SPECIFICALLY DETAILED OTHERWISE, PERFORM PROCEDURES PRIOR TO APPLICATION OF ANY CURING COMPOUNDS.
 2. ALL SURFACES: THOROUGHLY CLEAN OFF ALL STAINS, SPATTER AND LOOSE MATERIAL.
 3. FINES, RIDGES AND HIGH SPOTS: HONE SMOOTH WITH ABRASIVE POWER GRINDERS WHILE CONCRETE IS GREEN, IMMEDIATELY AFTER FORM REMOVAL.
 4. FORM TIE HOLES AND DEEP DEPRESSIONS: FLUSH THOROUGHLY WITH CLEAN WATER AND TAMP TO OVERFULL WITH DRYPACK. CURE 10 DAYS AND HONE FLUSH AND SMOOTH.
 5. ROCK POCKETS, HONEYCOMB, SAND STREAKS, DEBRIS AND VOIDS: CUT OUT AT LEAST 1 INCH DEEP WITH SIDES PERPENDICULAR TO SURFACE. FLUSH THOROUGHLY WITH CLEAN WATER, COAT SURFACE WITH NEAT CEMENT PASTE AND TAMP TO OVERFULL WITH DRYPACK IN AT LEAST TWO LAYERS. CURE FOR 10 DAYS AND HONE FLUSHED AND SMOOTH.
 6. CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF ALL ELECTRICAL OPENINGS AND EQUIPMENT/BUILDING PADS WITH THE ELECTRICAL DRAWINGS AND SHOP DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL OPENINGS AND SLEEVES FOR PROPER DISTRIBUTION FOR ALL UTILITIES. CONTRACTOR SHALL REFER TO DRAWINGS OF OTHER TRADES AND VENDOR DRAWINGS FOR EMBEDDED ITEMS AND RECESSES NOT SHOWN ON STRUCTURAL DRAWINGS. PRIOR TO POURING CONCRETE THE INDEPENDENT TESTING AGENCY SHALL INSPECT ALL FOUNDATION STEEL AND FOUNDATION SUBGRADE.
 9.0 STRUCTURAL STEEL
 MEET OR EXCEED MANUFACTURER'S RECOMMENDATIONS.
 A. UNLESS OTHERWISE NOTED, ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315).
 B. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL, CONFORMING TO ASTM A-615, GRADE 60, DEFORMED.
 C. HEATING AND WELDING OF BARS IS PROHIBITED WITH THE EXCEPTION OF WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER.
 D. ALL REINFORCEMENT BARS TO BE FREE FROM LOOSE RUST AND SCALE.
 E. UNLESS OTHERWISE NOTED, ALL REINFORCEMENT SHALL HAVE A MINIMUM CONCRETE COVERAGE OF 3 INCHES. THIS MAY REQUIRE SPACERS AND CHAIRS AS REQUIRED BY TESTING AGENCY OR CONSTRUCTION MANAGER.
 F. SPLICES IN REINFORCEMENT STEEL ARE PROHIBITED, UNLESS APPROVED BY CONSTRUCTION MANAGER. ALL SPLICES MUST THEN MEET ALL APPLICABLE ASTM STANDARDS FOR SPLICING.
 10.0 GROUNDING
 MEET ALL APPLICABLE CODES, REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS AND SPRINT WIRELESS CONSTRUCTION SPECIFICATIONS.



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

AGOURA HILLS

LA03XC200

28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

T-3

REVISION:



BATTERY INFORMATION /NOTES:

BATTERY MFG.: EAST PENN MANUFACTURING
 MODEL No.: 12AVR-145L
 ELECTROLYTE CONTENT PER BATTERY: 2.17 GALLONS
 ELECTROLYTE HAZARD CLASSIFICATION PER '07 C.F.C. (8.7% SULFURIC ACID): CORROSIVE
 No. OF BATTERIES TO BE INSTALLED: 20 MAX. (20 PER CABINET)
 TOTAL ELECTROLYTE CONTAINED ON SITE (2.17 x 20 = 43.4): 43.4 GALLONS MAX.

- A. QUANTITIES OF 500 GAL OR LESS ARE EXEMPT PER TABLE 3-E OF THE 1997 U.B.C.
 B. SINGLE VESSEL CAPACITIES OF 20 GAL OR LESS, AND AGGREGATE QUANTITIES NOT IN EXCESS OF 100 GAL ARE EXEMPT PER ARTICLE 64 OF THE 2007 C.F.C.
 C. QUANTITIES LESS THAN 50 GAL ARE EXEMPT FROM C.F.C. ARTICLE 80, AND SHALL NOT REQUIRE PERMIT.
 D. ANY CHANGES OR ADDITIONS TO BACK-UP BATTERIES MUST COMPLY WITH 2007 C.F.C. ARTICLE 64, AND SHALL NOT CONTAIN ELECTROLYTE QUANTITIES IN EXCESS OF 50

FIRE DEPARTMENT NOTES:

- A. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE INSPECTION 2 DAYS IN ADVANCE.
 B. A CFC PERMIT TO OPERATE BATTERY SYSTEMS WITH STATIONARY LEAD-ACID BATTERIES IS NOT REQUIRED FOR THE QUANTITIES ON SITE.
 C. A CFC PERMIT MAY BE REQUIRED FOR THE HAZARDOUS MATERIALS ON SITE.
 D. A HAZARDOUS MATERIALS IDENTIFICATION SIGN IS REQUIRED FOR ALL ENTRANCES INTO BATTERY STORAGE AREAS. LETTERS MUST BE AT LEAST 1" IN HEIGHT AND IN A COLOR WHICH CONTRASTS TO THE BACKGROUND OF THE SIGN AND LIST THE FOLLOWING:
 CLASS 1 WATER REACTIVE LIQUID
 TOXIC LIQUID
 CORROSIVE LIQUID
 OTHER HEALTH HAZARD LIQUID
 E. AN APPROVED METHOD TO NEUTRALIZE SPILLED ELECTROLYTE SHALL BE PROVIDED IN THE BATTERY ROOM.
 F. BATTERIES SHALL BE PROVIDED WITH SAFETY VENTING CAPS.
 G. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE UNIFORM FIRE CODE STANDARD 10-1 AND PLACEMENT IS SUBJECT TO APPROVAL OF THE FIRE INSPECTOR.
 H. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS.
 I. EXIST DOORS SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 J. ADDRESS NUMBERS SHALL BE A MINIMUM 6 INCHES HIGH AND PLAINLY VISIBLE FROM ROADWAY BUILDING IS ADDRESSED ON.
 K. REQUIRED SIGNAGE SHALL INCLUDE LETTERING HEIGHT OF AT LEAST ONE INCH, IN A COLOR THAT CONTRASTS TO THE SIGN BACKGROUND, AND SHALL BE PROMINENTLY DISPLAYED.
 L. REQUIRED SIGNAGE SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, APPLICABLE TYPES FROM EXAMPLES SHOWN HEREIN (SEE SIGNAGE).

GENERATOR ACCESSORIES

1. MAIN LINE CIRCUIT BREAKER-100 AMPS, INSTALLED ON GENERATOR
2. VOLTAGE REGULATOR ±2% SAFEGUARD BREAKER

ENGINE ELECTRICAL ACCESSORIES

1. ELECTRONIC/ISOSYNCHRONOUS GOVERNOR
2. BATTERY RACK, CABLES AND STARTING BATTERY SYSTEM-LEAD ACID TYPE
3. BATTERY CHARGER-AUTOMATIC 6 AMP OUTPUT

ABBREVIATION

A.B. ABOVE
 ACQA ADD'L
 A.F.F. ABOVE FINISHED FLOOR
 A.L.U.M. ALUMINUM
 ALT. ALTERNATE
 ANT. ANTENNA
 APPRX. APPROXIMATE(LY)
 ARCH. ARCHITECT(URAL)
 AWG. AMERICAN WIRE GAUGE
 BLDG. BUILDING
 BLK. BLOCK
 BLKG. BLOCKING
 BM. BEAM
 B.N. BOUNDARY NAILING
 BTCW. BARE TINNED COPPER WIRE
 B.O.F. BOTTOM OF FOOTING
 B/U BACK-UP CABINET
 CAB. CABINET
 CANT. CANTILEVER(ED)
 C.I.P. CAST IN PLACE
 CLG. CLEAR
 CLR. COLUMN
 CONC. CONCRETE
 CONN. CONNECTION(OR)
 CONST. CONSTRUCTION
 CONT. CONTINUOUS
 DBL. DOUBLE
 DEPT. DEPARTMENT
 D.F. DOUGLAS FIR
 DIA. DIAMETER
 DIAG. DIAGONAL
 DIM. DIMENSION
 DWG. DRAWING(S)
 DWL. DOWEL(S)
 EA. EACH
 EL. ELEVATION
 ELEC. ELECTRICAL
 ELEV. ELEVATOR
 EMT. ELECTRICAL METALLIC TUBING
 E.N. EDGE NAIL
 ENG. ENGINEER
 EQ. EQUAL
 EXP. EXPANSION
 EXST.(E) EXISTING
 EXT. EXTERIOR

DEFINITION

ANCHOR BOLT
 ANTENNA CABLE COVER ASSEMBLY
 ADDITIONAL
 ABOVE FINISHED FLOOR
 ABOVE FINISHED GRADE
 ALUMINUM
 ALTERNATE
 ANTENNA
 APPROXIMATE(LY)
 ARCHITECT(URAL)
 AMERICAN WIRE GAUGE
 BUILDING
 BLOCK
 BLOCKING
 BEAM
 BOUNDARY NAILING
 BARE TINNED COPPER WIRE
 BOTTOM OF FOOTING
 BACK-UP CABINET
 CABINET
 CANTILEVER(ED)
 CAST IN PLACE
 CEILING
 CLEAR
 COLUMN
 CONCRETE
 CONNECTION(OR)
 CONSTRUCTION
 CONTINUOUS
 PENNY (NAILS)
 DOUBLE
 DEPARTMENT
 DOUGLAS FIR
 DIAMETER
 DIAGONAL
 DIMENSION
 DRAWING(S)
 DOWEL(S)
 EACH
 ELEVATION
 ELECTRICAL
 ELEVATOR
 ELECTRICAL METALLIC TUBING
 EDGE NAIL
 ENGINEER
 EQUAL
 EXPANSION
 EXISTING
 EXTERIOR

ABBREVIATION

FAB. FABRICATION(OR)
 F.F. FINISH FLOOR
 F.G. FINISH GRADE
 FIN. FINISH(ED)
 FLR. FLOOR
 FDN. FOUNDATION
 F.O.C. FACE OF CONCRETE
 F.O.M. FACE OF MASONRY
 F.O.S. FACE OF STUD
 F.O.W. FACE OF WALL
 F.S. FINISH SURFACE
 FT.(') FOOT(FEET)
 FTG. FOOTING
 G. GROWTH (CABINET)
 GAL. GALLON
 GI. GALVANIZE(D)
 G.F.I. GROUND FAULT CIRCUIT INTERRUPTER
 GLB.(GLU-LAM) GLUE LAMINATED BEAM
 GPS. GLOBAL POSITIONING SYSTEM
 GRND. GROUND
 HDR. HEADER
 HGR. HANGER
 HT. HEIGHT
 I.CGB. ISOLATED COPPER GROUND BUS
 IN.(") INCH(ES)
 INT. INTERIOR
 LB.(#) POUND(S)
 L.B. LAG BOLTS
 L.F. LINEAR FEET (FOOT)
 L.T. LONG(TUDINAL)
 M. MASONRY
 MAS. MASONRY
 MAX. MAXIMUM
 M.B. MACHINE BOLT
 MECH. MECHANICAL
 MFR. MANUFACTURER
 MIN. MINIMUM
 MISC. MISCELLANEOUS
 MT. METAL
 NEW
 NO.(#) NUMBER
 N.T.S. NOT TO SCALE
 O.C. ON CENTER
 OPNG. OPENING
 P/C PRECAST CONCRETE
 PCS. PERSONAL COMMUNICATION SERVICES
 PLY. PLYWOOD
 P.P.C. POWER PROTECTION CABINET
 PRC. PRIMARY RADIO CABINET
 P.S.F. POUNDS PER SQUARE FOOT
 P.S.I. POUNDS PER SQUARE INCH
 P.T. PRESSURE TREATED

DEFINITION

FABRICATION(OR)
 FINISH FLOOR
 FINISH GRADE
 FINISH(ED)
 FLOOR
 FOUNDATION
 FACE OF CONCRETE
 FACE OF MASONRY
 FACE OF STUD
 FACE OF WALL
 FINISH SURFACE
 FOOT(FEET)
 FOOTING
 GROWTH (CABINET)
 GALLON
 GALVANIZE(D)
 GROUND FAULT CIRCUIT INTERRUPTER
 GLUE LAMINATED BEAM
 GLOBAL POSITIONING SYSTEM
 GROUND
 HEADER
 HANGER
 HEIGHT
 ISOLATED COPPER GROUND BUS
 INCH(ES)
 INTERIOR
 POUND(S)
 LAG BOLTS
 LINEAR FEET (FOOT)
 LONG(TUDINAL)
 MASONRY
 MASONRY
 MAXIMUM
 MACHINE BOLT
 MECHANICAL
 MANUFACTURER
 MINIMUM
 MISCELLANEOUS
 METAL
 NEW
 NUMBER
 NOT TO SCALE
 ON CENTER
 OPENING
 PRECAST CONCRETE
 PERSONAL COMMUNICATION SERVICES
 PLYWOOD
 POWER PROTECTION CABINET
 PRIMARY RADIO CABINET
 POUNDS PER SQUARE FOOT
 POUNDS PER SQUARE INCH
 PRESSURE TREATED

ABBREVIATION

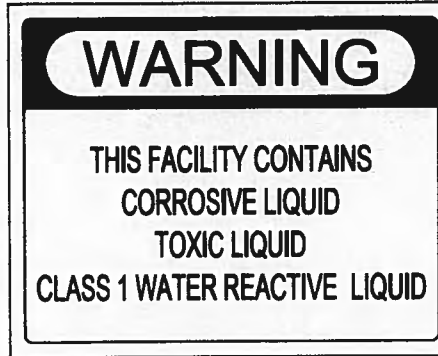
PWR. POWER (CABINET)
 QTY. QUANTITY
 RAD.(R) RADIUS
 REF. REFERENCE
 REIN.F. REINFORCEMENT(ING)
 REQ'D. REQUIRED
 RGS. RIGID GALVANIZED STEEL
 RRU. RADIO REMOTE UNIT
 SCH. SCHEDULE
 SHT. SHEET
 SIM. SIMILAR
 SPEC. SPECIFICATION(S)
 SQ. SQUARE
 S.S. STAINLESS STEEL
 STD. STANDARD
 STL. STEEL
 STRUC. STRUCTURAL
 TEMP. TEMPORARY
 THK.(NESS) THICK(NESS)
 TMA. TOWER MOUNTED AMPLIFIER
 T.N. TOE NAIL
 T.O.A. TOP OF ANTENNA
 T.O.C. TOP OF CURB
 T.O.F. TOP OF FOUNDATION
 T.O.P. TOP OF PLATE (PARAPET)
 T.O.S. TOP OF STEEL
 T.O.W. TOP OF WALL
 TYP. TYPICAL
 U.G. UNDER GROUND
 U.L. UNDERWRITERS LABORATORY
 U.N.O. UNLESS NOTED OTHERWISE
 V.I.F. VERIFY IN FIELD
 W. WIDE(WIDTH)
 W/W. WITH WOOD
 W.P. WEATHERPROOF
 WT. WEIGHT
 C. CENTERLINE
 E. PLATE

DEFINITION

POWER (CABINET)
 QUANTITY
 RADIUS
 REFERENCE
 REINFORCEMENT(ING)
 REQUIRED
 RIGID GALVANIZED STEEL
 RADIO REMOTE UNIT
 SCHEDULE
 SHEET
 SIMILAR
 SPECIFICATION(S)
 SQUARE
 STAINLESS STEEL
 STANDARD
 STEEL
 STRUCTURAL
 TEMPORARY
 THICK(NESS)
 TOWER MOUNTED AMPLIFIER
 TOE NAIL
 TOP OF ANTENNA
 TOP OF CURB
 TOP OF FOUNDATION
 TOP OF PLATE (PARAPET)
 TOP OF STEEL
 TOP OF WALL
 TYPICAL
 UNDER GROUND
 UNDERWRITERS LABORATORY
 UNLESS NOTED OTHERWISE
 VERIFY IN FIELD
 WIDE(WIDTH)
 WITH WOOD
 WEATHERPROOF
 WEIGHT
 CENTERLINE
 PLATE

ABBREVIATIONS

5



BATTERY INFO & FIRE DEPT NOTES

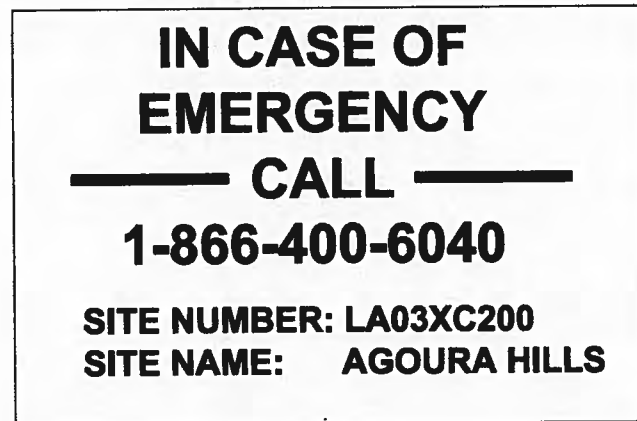
4

HAZARDOUS MATERIAL SIGNAGE

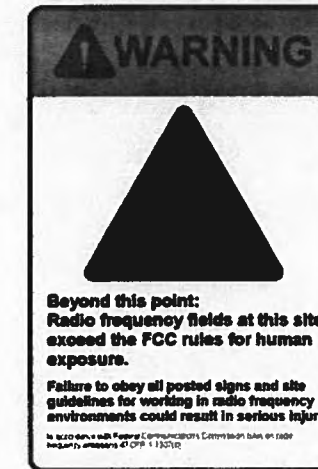
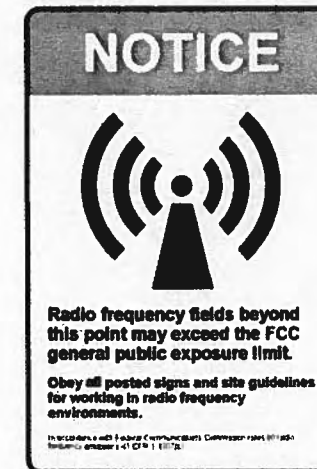
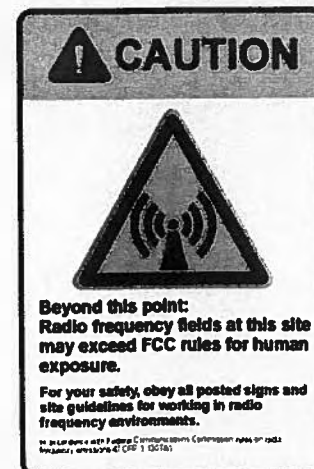
3



REQUIRED NFPA SIGNAGE



EMERGENCY CONTACT SIGNAGE



2

RF SIGNAGE

1

SITE IDENTIFICATION SIGNAGE

LICENSURE:



SHEET TITLE:

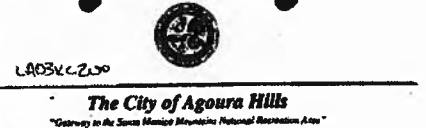
SIGNAGE, NOTES, & ABBREVIATIONS

SHEET NUMBER:

T-4

REVISION:





AGREEMENT TO CONDITIONS OF APPROVAL

I, Rub Lirio, of Cox California PCS, Inc., applicant for Conditional Use Permit Case No. 96-CUP-013, have read the Conditions of Approval listed in Planning Commission Resolution No. 530. I understand and agree to comply with all Conditions of Approval of Case No. 96-CUP-013. I understand that failure to comply with the Conditions of Approval may result in the revocation of the Conditional Use Permit.

Handwritten signatures and dates: 5-23-97, OK, 5/23

30101 Agoura Court, Suite 100, Agoura Hills, CA 91301-4131 • Telephone: (818) 397-7000 • Fax: (818) 397-7151

Conditions of Approval (Case No. 96-CUP-013) Page 2

- 1. The applicant shall submit an annual monitoring report, prepared by a licensed engineer, to the Planning and Community Development Director for the purpose of demonstrating that the facility is in compliance with regulations established by the Federal Communications Commission regarding electromagnetic field emission. The annual report shall be due one (1) year from the date of approval of the use permit and each year thereafter. The applicant shall pay the City for the cost of review of such report.
14. The approved well-mounted antennas and auxiliary equipment shall be removed from the property if it is located for more than 180 (six) months.
15. In order to be feasible, the operator shall cooperate with any subsequent applicants for wireless communication facilities in the vicinity with regard to possible co-location. Such subsequent applications will be subject to City approval of a separate permit as is required by the regulations in effect at the time of application submitted.
16. Upon installation of the facility, the applicant shall provide written verification for review and approval by the Director of Planning and Community Development that the antenna installation complies with Federal Communication rules, the National Electric Code, the American National Standards Institute, and any applicable published federal standards that pertain to electromagnetic field exposure limits and the safe installation and maintenance of electric and radio frequency equipment. The power levels of such antennas shall be verified by the applicant and approved by the Director of Planning and Community Development upon installation.

END

CADPDL - www.fishco.com

RESOLUTION NO. 530

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS APPROVING CONDITIONAL USE PERMIT NO. 96-CUP-013

THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS HEREBY FINDS, RESOLVES AND ORDERS AS FOLLOWS:

- Section 1. An application was duly filed by Cox California PCS, Inc., with respect to the real property located at 28030 Dorothy Drive, Assessor's Parcel Number 2061-013-017, requesting a Conditional Use Permit to allow eight (8) well-mounted telecommunication antennas, and auxiliary roof-mounted equipment cabinets with an attached oval telecommunication antenna (Case No. 96-CUP-013). A Public Hearing was held on April 10, 1997, and on April 24, 1997 at 6:30 p.m. in the Council Chambers, City Hall, 30101 Agoura Court, Suite 100, Agoura Hills, California 91301. Notice of the time, date and place and purpose of the aforesaid was duly given.
Section 2. Evidence, both written and oral, was duly presented to and considered by the Planning Commission at the aforesaid Public Hearing.
Section 3. The Planning Commission finds, pursuant to the Agoura Hills Zoning Ordinance, that:
1. The proposed use, as conditioned, is consistent with the objectives of the Zoning Ordinance and the purposes of the district in which the use is located. The stated purpose of the Freeway Corridor Overlay District is to recognize the importance of the freeway corridor to the city's image and future development. The well-mounted antennas will not impact the visual quality of the freeway in that the antennas will blend in with the building by being spaced four feet apart, pointed to match the building and will not exceed the height of the roof parapet.
2. The proposed use, as conditioned, will comply with each of the applicable provisions of the Zoning Ordinance relative to the use, the property location, and the antenna height.
3. The proposed use, as conditioned, is compatible with the surrounding properties. The subject parcel is abutted by Dorothy Drive and two-to-three story office buildings to the north, a medical office building to the west, and vacant office building to the east and vacant land to the south. The use is consistent with the EP-OR-Zone which is appropriate for this type of use in that it does not immediately abut a residential zone and the use provides a communication service to the commercial/business area and the neighboring 101 Freeway.
4. The proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility which have addressed health and safety issues. The applicant will be required to submit written verification of compliance with all applicable federal requirements relative to the operation of the wireless telecommunication facility.

Resolution No. 530 Page 2

5. The proposed use, as conditioned, is consistent with the goals, objectives and policies of the General Plan. The General Plan calls for the maintenance of a quality visual experience along the entire length of the scenic highways through protection and enhancement of views. The proposed size and location of the proposed antennas, as conditioned, will not obstruct the scenic views in the area. The well-mounted antennas will be placed directly on the parapet building wall, spaced four feet apart and pointed to match the building and will not exceed the height of the roof parapet. Thus the antennas will not create a visual distraction or block views along the freeway corridor.

Section 4. The project is exempt from the California Environmental Quality Act (CEQA), as defined in Section 15300 (Class 3), as does not require adoption of an environmental impact report or negative declaration.

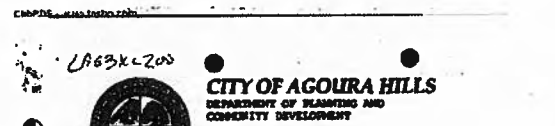
Section 5. Based on the aforementioned findings, the Planning Commission hereby approves Conditional Use Permit Case No. 96-CUP-013, subject to attached Conditions, with respect to the property described in Section 1.

PASSED, APPROVED and ADOPTED this 24th day of April, 1997, by the following vote to wit:

AYES: Heriberto Koolher, Felicitas Walker
NOES: None
ABSTAIN: None
ABSENT: None

Handwritten signature: Steve Walker, Chairperson

ATTEST: David Anderson, Secretary



ACTION DATE: April 10, 1997
TO: Planning Commission
APPLICANT: Cox California PCS, Inc. 18200 Van Nuys Avenue, Suite 100 Irvine, CA 92612
CASE NOS: 96-CUP-013
LOCATION: 28030 Dorothy Drive (Assessor's Parcel No. 2061-013-017)
REQUEST: Request for approval of a Conditional Use Permit to allow eight (8) well-mounted telecommunication antennas and seven (7) auxiliary roof-mounted equipment cabinets with an attached oval telecommunication antenna.
ENVIRONMENTAL DETERMINATION: Categorically Exempt from CEQA (Class 3)
RECOMMENDATION: Staff recommendation approved of Conditional Use Permit Case No. 96-CUP-013, subject to Conditions, based on the findings of the attached resolution.
ZONING DESIGNATION: EP-OR-PC (Business Park-Office Retail - Freeway Corridor Overlay District)
GENERAL PLAN DESIGNATION: EP-OR (Business Park-Office/Retail)

1. PROJECT DESCRIPTION
Cox California PCS, Inc. has filed a Conditional Use Permit Application, requesting to install eight (8) well-mounted telecommunication antennas in groups of four on the roof parapet of an existing three-story office building located at 28030 Dorothy Drive. The antennas are to be used for cellular telephone service. A group of four (4) telecommunication antennas are proposed to be placed on the south side of the west building elevation. A group of four (4) additional antennas are proposed to be placed on the north side of the east building elevation. All the proposed antennas have dimensions of 31 inches in height, 6 inches in width, and three inches in depth. The antennas will be spaced 4 feet apart and pointed to match the building exterior.
The antennas will be placed just below the top of the roof parapet, 4 1/2" above ground level to the top of the antennas. The antennas will be connected by coaxial cables to equipment cabinets that will be located near the north end of the roof. The equipment cabinets are 5 feet in height and will remain below the 6 1/2" high roof parapet. A 10' oval antenna is also proposed to be situated on the

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DRAFT RESOLUTION NO. 530

A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS APPROVING CONDITIONAL USE PERMIT NO. 96-CUP-013

THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS HEREBY FINDS, RESOLVES AND ORDERS AS FOLLOWS:

Section 1. An application was duly filed by Cox California PCS, Inc., with respect to the real property located at 28030 Dorothy Drive, Assessor's Parcel Number 2061-013-017, requesting a Conditional Use Permit to allow eight (8) well-mounted telecommunication antennas, and auxiliary roof-mounted equipment cabinets with an attached oval telecommunication antenna (Case No. 96-CUP-013). A Public Hearing was held on April 10, 1997, at 6:30 p.m. in the Council Chambers, City Hall, 30101 Agoura Court, Suite 100, Agoura Hills, California 91301. Notice of the time, date and place and purpose of the aforesaid was duly given.

Section 2. Evidence, both written and oral, was duly presented to and considered by the Planning Commission at the aforesaid Public Hearing.

Section 3. The Planning Commission finds, pursuant to the Agoura Hills Zoning Ordinance, that:

- 1. The proposed use, as conditioned, is consistent with the objectives of the Zoning Ordinance and the purposes of the district in which the use is located. The stated purpose of the Freeway Corridor Overlay District is to recognize the importance of the freeway corridor to the city's image and future development. The well-mounted antennas will not impact the visual quality of the freeway in that the antennas will blend in with the building by being spaced four feet apart, pointed to match the building and will not exceed the height of the roof parapet.
2. The proposed use, as conditioned, will comply with each of the applicable provisions of the Zoning Ordinance relative to the use, the property location, and the antenna height.
3. The proposed use, as conditioned, is compatible with the surrounding properties. The subject parcel is abutted by Dorothy Drive and two-to-three story office buildings to the north, a medical office building to the west, and vacant office building to the east and vacant land to the south. The use is consistent with the EP-OR-Zone which is appropriate for this type of use in that it does not immediately abut a residential zone and the use provides a communication service to the commercial/business area and the neighboring 101 Freeway.
4. The proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility which have addressed health and safety issues. The applicant will be required to submit written verification of compliance with all applicable federal requirements relative to the operation of the wireless telecommunication facility.
5. The proposed use, as conditioned, is consistent with the goals, objectives and policies of the General Plan. The General Plan calls for the maintenance of a quality visual experience along the entire length of the scenic highways through protection and enhancement of views. The proposed size and location of the proposed antennas, as conditioned, will not obstruct the scenic views in the area. The well-mounted antennas will be placed directly on the parapet building wall, spaced four feet apart and pointed to match the building and will not exceed the height of the roof parapet. Thus the antennas will not create a visual distraction or block views along the freeway corridor.

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CONDITIONS OF APPROVAL (CASE NO. 96-CUP-013)

STANDARD CONDITIONS

- 1. This decision, or any aspects of this decision, can be appealed to the City Council within fifteen (15) days from the date of this action, subject to filing the appropriate forms and related fees.
2. Except as modified herein, the approval of this action is limited to and requires complete conformance to the approved Site Plan, Roof Plan, Elevation Plan, and Antenna Description Plan.
3. This action shall not be effective for any purpose until the applicant and property owner have agreed in writing that applicant and property owner a a license of, and accept, all Conditions of Approval of this permit with the Department of Planning and Community Development.
4. It is hereby declared to be the intent that if any provision of this permit is held or declared invalid, the permit shall be void and the privileges granted hereunder shall lapse.
5. It is further declared and made a Condition of this action that if any Condition herein is violated, this permit shall be suspended and the privileges granted hereunder shall lapse, provided that the applicant has been given written notice to cease such violation and has failed to do so within thirty (30) days.
6. All requirements of the Zoning Ordinance and the specific zoning of the subject property must be complied with unless set forth in the Conditional Use Permit.
7. The applicant shall obtain all required permits for the project from the Department of Building and Safety.
8. Operation of the use shall not be granted until all Conditions of Approval have been complied with as determined by the Director of Planning and Community Development.
9. Unless this permit is used within two (2) years from the date of City approval, Conditional Use Permit No. 96-CUP-013 shall expire.
10. The antennas shall be painted to match the exterior building color as approved by the Director of Planning and Community Development.
11. No wires or cables shall be visible on the outside of the building. All wires and cables shall be located behind the existing parapet.
12. The applicant shall install metal shielding below the roof-mounted equipment cabinets, in a manner approved by the Director of Planning and Community Development and the Department of Building and Safety.

SPECIAL CONDITIONS

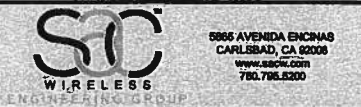
- 10. The antennas shall be painted to match the exterior building color as approved by the Director of Planning and Community Development.
11. No wires or cables shall be visible on the outside of the building. All wires and cables shall be located behind the existing parapet.
12. The applicant shall install metal shielding below the roof-mounted equipment cabinets, in a manner approved by the Director of Planning and Community Development and the Department of Building and Safety.

CONDITIONS OF APPROVAL (CASE NO. 96-CUP-013)

STANDARD CONDITIONS

- 1. This decision, or any aspects of this decision, can be appealed to the City Council within fifteen (15) days from the date of this action, subject to filing the appropriate forms and related fees.
2. Except as modified herein, the approval of this action is limited to and requires complete conformance to the approved Site Plan, Roof Plan, Elevation Plan, and Antenna Description Plan.
3. This action shall not be effective for any purpose until the applicant and property owner have agreed in writing that applicant and property owner accept, all Conditions of Approval of this permit with the Department of Planning and Community Development.
4. It is hereby declared to be the intent that if any provision of this permit is held or declared invalid, the permit shall be void and the privileges granted hereunder shall lapse.
5. It is further declared and made a Condition of this action that if any Condition herein is violated, this permit shall be suspended and the privileges granted hereunder shall lapse, provided that the applicant has been given written notice to cease such violation and has failed to do so within thirty (30) days.
6. All requirements of the Zoning Ordinance and the specific zoning of the subject property must be complied with unless set forth in the Conditional Use Permit.
7. The applicant shall obtain all required permits for the project from the Department of Building and Safety.
8. Operation of the use shall not be granted until all Conditions of Approval have been complied with as determined by the Director of Planning and Community Development.
9. Unless this permit is used within two (2) years from the date of City approval, Conditional Use Permit No. 96-CUP-008 shall expire.
10. The antennas shall be painted to match the exterior building color as approved by the Director of Planning and Community Development.
11. No wires or cables shall be visible on the outside of the building. All wires and cables shall be located behind the existing parapet.
12. The applicant shall install metal shielding below the roof-mounted equipment cabinets, in a manner approved by the Director of Planning and Community Development and the Department of Building and Safety.
13. Upon installation of the facility, the applicant shall provide written verification for review and approval by the Director of Planning and Community Development that the antenna installation complies with Federal Communication rules, the National Electric Code, the American National Standards Institute, and any applicable published federal standards that pertain to electromagnetic field exposure limits and the safe installation and maintenance of electric and radio frequency equipment. The power levels of such antennas shall be verified by the applicant and approved by the Director of Planning and Community Development upon installation.

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PROJECT INFORMATION: NETWORK VISION MMBTS LAUNCH
AGOURA HILLS LA03XC200
28030 DOROTHY DR AGOURA HILLS, CA 91301 AGOURA HILLS

ISSUE DATE: 02/24/2012

ISSUED FOR: 100%CD's

Table with 4 columns: REV, DATE, DESCRIPTION, INITIALS. Contains revision history for 90% CD REVIEW and CITY COMMENTS.

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE: ZONING DOCUMENTS

SHEET NUMBER: T-5 REVISION: 1

CITY OF AGOURA HILLS
 CONDITIONAL USE PERMIT - BURDEN OF PROOF
 28030 Dorothy Drive
 LA300



ACTION DATE: February 1, 2011
 TO: Planning Commission
 APPLICANT: Nextel Communications
 310 Commerce
 Irvine, CA 92602-1300
 CASE NO.: 00-CUP-013
 LOCATION: 28030 Dorothy Drive
 REQUEST: Request for approval of a Conditional Use Permit to allow an unattended wireless telecommunication facility including four (4) wall-mounted antennae and four (4) antennae to be mounted on the mansard roof and screened behind roofing material.
 ENVIRONMENTAL DETERMINATION: Categorical Exempt from CEQA (Class 3)
 RECOMMENDATION: Staff recommends approval of Conditional Use Permit Case No. 00-CUP-013, subject to Conditions, based on the findings of the attached resolution.
 ZONING DESIGNATION: BP-OR-FC (Business Park-Office Retail-Freeway Corridor)
 GENERAL PLAN DESIGNATION: Business Park-Office/Retail

1. PROJECT BACKGROUND AND DESCRIPTION

Nextel Communications is proposing the construction of an unattended wireless telecommunication facility at 28030 Dorothy Drive in Agoura Hills. There is vacant land to the south and office buildings are located to the east, west, and north of the subject property. Due to the location of this building above and adjacent to the 101 Freeway, this site is presently occupied by two other wireless telecommunication providers. Previous approval has been given for a total of 12 wall-mounted antennae and four roof-mounted antennae on this building (Case Nos. 95-CUP-005 and 96-CUP-013). The newly proposed facility would consist of four new wall-mounted antennae painted to match the building and four antennae to be mounted directly onto the surface of the mansard roof. A fiberglass roofing material would be placed over the mansard-mounted antennae to hide them from view.

Planning Commission Case No. 00-CUP-013 (Nextel)
 Page 3

While a small portion of landscaping would be lost to this equipment cabinet, this landscaping area is covered by the building and has been barren for some time. In return for reducing the already minimal landscape area, however, the applicant has agreed to provide equal landscaping in other areas on the site and to re-plant the plantings in the existing landscape plan. Specifically, site improvements would include screening the front of the voltage box in the northeast corner of the site with a hedge, rejuvenating the existing landscape planter with plants with more height, adding vines to the low walls across the front of the property, and adding a landscape planter (equal to the amount of landscaping lost to the equipment box) between the two garage doors on the west side of the building. These landscape items would help improve the appearance of the existing site and landscaping.

9. Conditional Use Permit Findings

The Zoning Ordinance allows wireless telecommunication facilities in the Business Park-Office Retail Zone east of Palo Verde Canyon Road on properties which front on Dorothy Drive, subject to approval of a Conditional Use Permit by the Planning Commission. In order to approve a Conditional Use Permit for the facility, the following findings must be made:

The Planning Commission must first find that the proposed use is consistent with the objectives of the Zoning Code and the purposes of the district in which the use is located, and that the proposed use will comply with each of the applicable provisions of the Zoning Code. The four proposed wall antennae would be painted to match the building wall and the other four antennae on the mansard roof would be screened by fiberglass shingles that look like the existing roof tiles. This proposal would comply with the applicable provisions of the Zoning Ordinance relative to the use, the property location, and the antenna height. The proposed location was chosen after consideration of other locations for optimal coverage area along the 101 Freeway and its high vantage point in the city. The stated purpose of the Freeway Corridor Overlay District is to recognize the importance of the freeway corridor to the city's image and future development. The placement of these antennae is consistent with the Planning Commission's prior actions regarding wireless telecommunication facilities.

Another finding that the Planning Commission must make is that the proposed use is compatible with the surrounding properties. The proposed wireless telecommunication facility is permitted in this zone and this particular site has been chosen as an appropriate area for the facility because it is located close to the freeway in a business district, and does not immediately abut a residential zone. The use would provide a communication service to the neighboring commercial area and 101 Freeway.

The Planning Commission must also find that the proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility and have addressed health and safety issues. If approved by the Planning Commission, staff recommends the antenna installation comply with FCC rules, the National Electric Code, ANSI, and any applicable published federal standards that pertain to electromagnetic field exposure limits and the safe installation and maintenance of electric and radio frequency equipment.

DRAFT RESOLUTION NO. --
 A RESOLUTION OF THE PLANNING COMMISSION OF THE
 CITY OF AGOURA HILLS
 APPROVING CONDITIONAL USE PERMIT NO. 00-CUP-013

THE PLANNING COMMISSION OF THE CITY OF AGOURA HILLS HEREBY FINDS, RESOLVES AND ORDERS AS FOLLOWS:

Section 1. An application was duly filed by Nextel Communications with respect to the real property located at 28030 Dorothy Drive, Assessor's Parcel Number 2061-013-017, requesting a Conditional Use Permit for a wireless telecommunication facility consisting of four (4) wall-mounted and four (4) mansard-mounted antennae on an office building. A Public Hearing was duly held on February 1, 2011, at 6:30 p.m. in the Council Chambers, City Hall, 30101 Agoura Court, Suite 102, Agoura Hills, California 91301. Notice of the time, date and place and purpose of the aforesaid was duly given.

Section 2. Evidence, both written and oral, was duly presented to and considered by the Planning Commission at the aforesaid Public Hearing.

Section 3. The Planning Commission finds, pursuant to the Agoura Hills Zoning Ordinance, that:

1. The proposed use, as conditioned, is consistent with the objectives of the Zoning Code and the purposes of the district in which the use is located. The stated purpose of the Freeway Corridor Overlay District is to recognize the importance of the freeway corridor to the city's image and future development. The facility would not negatively impact the visual quality of the freeway corridor because it would not be readily visible from the adjacent freeway or Agoura Road.

2. The proposed use, as conditioned, will comply with each of the applicable provisions of the Zoning Code. The antennae and accompanying facility, as proposed by the applicant will comply with the applicable provisions Business Park-Office Retail zone relative to the use, the property location, antenna height, and screening. The antennae would not be accessible to the public or pedestrians, and the paint and fiberglass roofing will ensure the facility would not be readily visible from a distance.

3. The proposed use, as conditioned, is compatible with the surrounding properties. Vacant land and office buildings are the only surrounding land uses. This particular site is suitable for such a use because it does not immediately abut a residential zone, it is mostly surrounded by vacant land and office buildings, and the use provides a communication service to the neighboring commercial area and 101 Freeway. The proposed wireless telecommunication facility is consistent with the Business Park-Office Retail zone and would be an appropriate use for the area.

4. The proposed use and the conditions under which it would be operated or maintained will not be detrimental to the public health, safety, or welfare. Cellular telephone facilities are regulated through the State Public Utilities Commission as a public utility which have addressed health and safety issues. If approved by the Planning Commission, staff recommends the antenna installation comply with FCC rules, the National Electric Code, ANSI, and any applicable published federal standards that pertain to electromagnetic field exposure limits and the safe installation and maintenance of electric and radio frequency equipment.

- A. The requested use at the location proposed will not:
1. Adversely affect the health, peace, comfort or welfare of persons residing or working in the surrounding area, or
 2. Be materially detrimental to the use, enjoyment or valuation of property of other persons located in the vicinity of the site, or
 3. Jeopardize, endanger or otherwise constitute a menace to the public health, safety or general welfare because:

The proposed project consists of a roof/building mounted, unattended wireless telecommunication facility. The site is an existing office building in the BP-OR-FC zone. The building will accommodate the antennae and related equipment on the roof and along the perimeter of the structure, and will not utilize any leasable space. Being unattended, the proposed use requires no parking, has no impacts on circulation and will generate no noise, odor, smoke or other adverse impacts to adjacent land use.

The requested use at the proposed location will provide an invaluable public benefit in the event of emergencies (traffic accidents, crime reporting, etc.) and natural disasters (earthquakes, fires, etc.) by providing reliable wireless telecommunication in these situations. This service will be used by public safety entities and virtually any entity which must have reliable, portable communications for emergency situations. The proposed use also will provide a reliable and convenient means of communication for everyday personal and business use.

The Federal Communications Commission (FCC) licenses all wireless telecommunication facilities, including PCS. This installation will comply with all FCC rules and standards.



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
 LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

ZONING DOCUMENTS

SHEET NUMBER:

T-6

REVISION:





PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

AGOURA HILLS

LA03XC200

28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

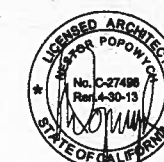
100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

OVERALL SITE PLAN

SHEET NUMBER:

A-1

REVISION:



ABBREVIATIONS

A/C	AIR CONDITIONING	GA	GAUGE	NA	NOT APPLICABLE	VERT	VERTICAL
AGL	ABOVE GRADE	GALV	GALVANIZED	NIC	NOT IN CONTRACT	VIF	VERIFY IN FIELD
APPROX	APPROXIMATELY	GC	GENERAL CONTRACTOR	NTS	NOT TO SCALE	W/O	WITHOUT
BLDG	BUILDING	GRND	GROUND	OC	ON CENTER	WP	WEATHER PROOF
BLK	BLOCKING	GYP BD	GYP SUM WALL BOARD	OD	OUTSIDE DIAMETER	W/O	WITHOUT
CLG	CEILING	HRZ	HORIZONTAL	OD	OUTSIDE DIAMETER	WP	WITHOUT
CLR	CLEAR	HR	HOUR	P	PLYWOOD	W/O	WITHOUT
CONC	CONCRETE	HT	HEIGHT	PROJ	PROPERTY	WP	WITHOUT
CONST	CONSTRUCTION	HVAC	HEATING VENTILATION AIR CONDITIONING	PT	PRESSURE TREATED		
CONT	CONTINUOUS			REQ	REQUIRED		
DBL	DOUBLE	ID	INSIDE DIAMETER	RM	ROUGH OPENING		
DIA	DIAMETER	IN	INCH	RRH	RADIO REMOTE HEAD		
DIAG	DIAGONAL	IN	INCH	SHT	SHEET		
DN	DOWN	INFO	INFORMATION	SIM	SIMILAR		
DET	DETAIL	INSUL	INSULATION	SPEC	SPECIFICATION		
DWG	DRAWING	INT	INTERIOR	SF	SQUARE FOOT		
EA	EACH	IBC	INTERNATIONAL BUILDING CODE	SS	STAINLESS STEEL		
EL	ELEVATION			STL	STEEL		
ELEC	ELECTRICAL	LBS	POUNDS	STRUCT	STRUCTURAL		
EQ	EQUAL	MAX	MAXIMUM	STD	STUD		
EQUIP	EQUIPMENT	MECH	MECHANICAL	SUSP	SUSPENDED		
EXT	EXTERIOR	MTL	METAL	THRU	THROUGH		
FIN	FINISH	MFR	MANUFACTURE	TMA	TOWER MOUNT AMPLIFIER		
FLUOR	FLOURESCENT	MGR	MANAGER	TNGG	TINNED		
FLR	FLOOR	MIN	MINIMUM	TYP	TYPICAL		
FT	FOOT	MISC	MISCELLANEOUS	UND	UNLESS NOTED OTHERWISE		

LEGEND

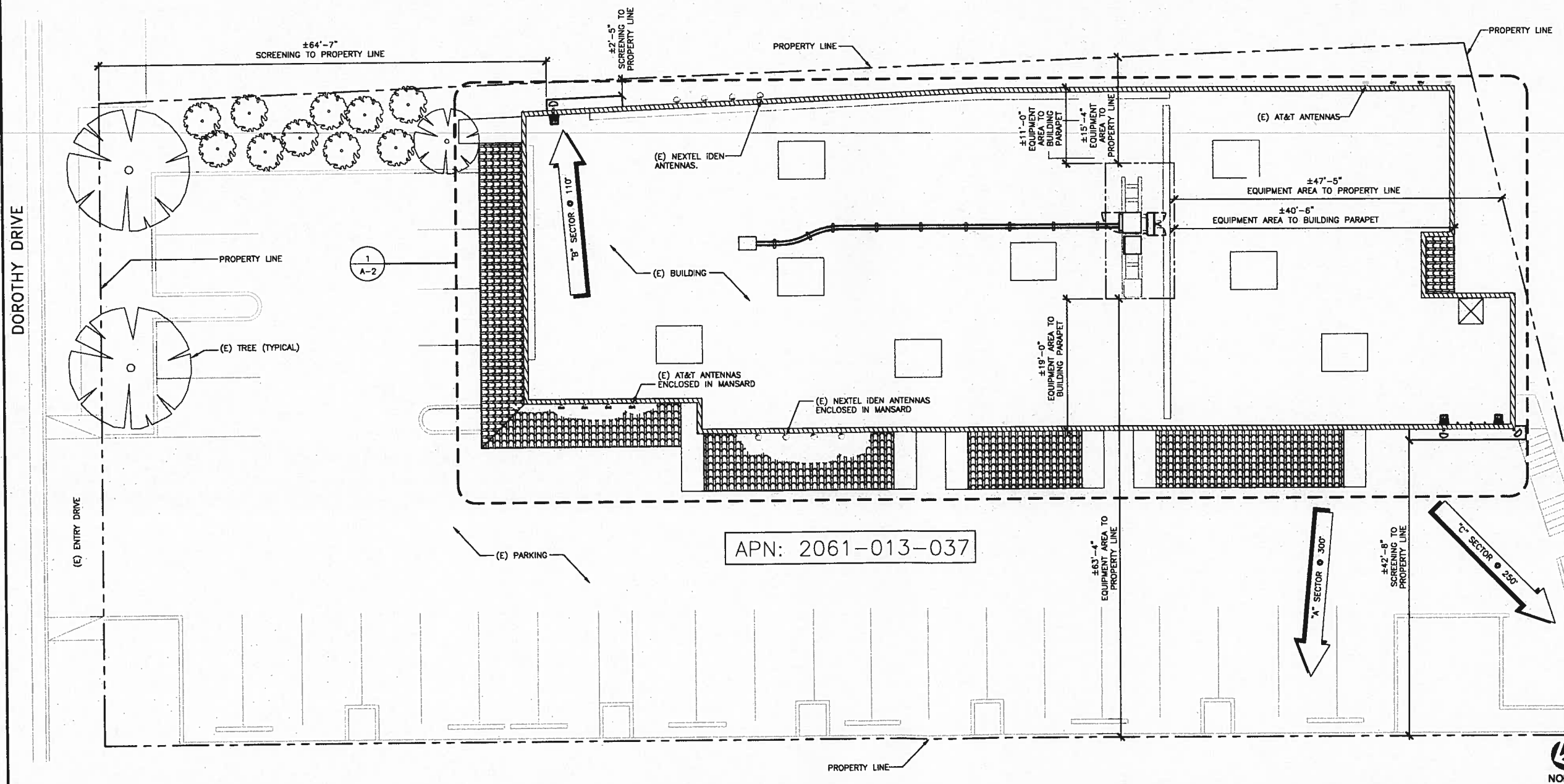
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---	RIGHT-OF-WAY CENTERLINE	⊗	LIGHT STANDARD	⊕	GATE VALVE
---	RIGHT-OF-WAY LINE	P	POWER VAULT	⊕	WATER METER
---	SITE EMPHASIS LINE	□	UTILITY BOX	⊕	FIRE STAND PIPE
---	SECTIONAL BREAKDOWN LINE	⊕	UTILITY POLE	□	CATCH BASIN, TYPE I
---	(N) FIBER LINE	←	POLE GUY WIRE	⊕	CATCH BASIN, TYPE II
---	(N) POWER/FIBER LINE	⊕	GAS VALVE	⊕	SIGN
---	OVERHEAD POWER LINE	⊕	GAS METER	○	BOLLARD
---	OVERHEAD TELEPHONE LINE	⊕	TELEPHONE VAULT	□	MAIL BOX
---	BURIED POWER LINE	⊕	TELEPHONE RISER	□	SPOT ELEVATION
---	BURIED GAS LINE	⊕		□	
---	BURIED TELEPHONE LINE				
---	BURIED WATER LINE				
---	BURIED SANITARY SEWER				
---	BURIED STORM DRAIN				
---	DITCH LINE/FLOW LINE				
---	VEGETATION LINE				
---	CHAIN LINK FENCE				
---	WOOD FENCE				
---	BARBED WIRE/WIRE FENCE				

PAINT NOTES:
1. (E) AND (N) SPRINT EXPOSED ANTENNAS AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
2. (E) AND (N) SPRINT EXPOSED ANTENNA SUPPORT EQUIPMENT AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

NOTES:
1. ALL (E) SPRINT COAX CABLES AND ANTENNAS ARE TO BE REMOVED FROM THE SITE.
2. IF PRESENT, ALL (E) CLEARWIRE ANTENNAS, MICROWAVE DISHES AND COAX CABLES TO REMAIN.

DISCLAIMER

THESE DRAWINGS WERE PRODUCED WITHOUT THE BENEFIT OF A CURRENT LAND SURVEY. ALL PROPERTY LINES, EASEMENTS, AND SETBACKS SHALL BE VERIFIED PRIOR TO START OF CONSTRUCTION. SAC WIRELESS DOES NOT GUARANTEE THE ACCURACY OF SAID PROPERTY LINES, EASEMENTS AND SETBACKS.



OVERALL SITE PLAN

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.



SCALE: 1" = 100'-0" (22x34)
(OR) 1/2" = 100'-0" (11x17)

1

PAINT NOTES:
 1. (E) AND (N) SPRINT EXPOSED ANTENNAS AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
 2. (E) AND (N) SPRINT EXPOSED ANTENNA SUPPORT EQUIPMENT AND MOUNTING HARDWARE TO BE PAINTED TO MATCH (E) SITE CONDITIONS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

NOTES:
 1. ALL (E) SPRINT COAX CABLES AND ANTENNAS ARE TO BE REMOVED FROM THE SITE.
 2. IF PRESENT, ALL (E) CLEARWIRE ANTENNAS, MICROWAVE DISHES AND COAX CABLES TO REMAIN.

NOTE:
 SPRINT PROPOSES TO MODIFY AN (E) UNSTAFFED TELECOMMUNICATIONS FACILITY BY REPLACING ALL (E) PANEL ANTENNAS (2 @ SECTOR "B", 1 @ SECTOR "A", 1 @ SECTOR "C", TOTAL OF 4) WITH (N) PANEL ANTENNAS (1) PER SECTOR, (3) SECTORS, (3) TOTAL, ALONG WITH RRH UNITS (TOTAL OF 2 PER SECTOR, 6 TOTAL), REPLACING AN (E) MODCELL COMPACT 4.0 EQUIPMENT CABINET WITH (N) MODCELL 4.0 (9928) CABINET WITH NEW RADIO HARDWARE, AND REMOVING AN (E) BATTERY BACK UP (60C) PLUS AN (E) POWER CABINET (60C) AND REPLACING THEM WITH (1) (N) BATTERY BACK-UP (60CV2) CABINET; PLUS THE REPLACEMENT OF ALL (E) ANTENNA COAX WITH (3) (N) SINGLE HYBRIFLEX FIBER CABLES BEING ROUTED FROM AN (E) SPRINT EQUIPMENT PLATFORM TO ALL ANTENNA SECTORS, INSTALLING (1) (N) JUNCTION BOX.



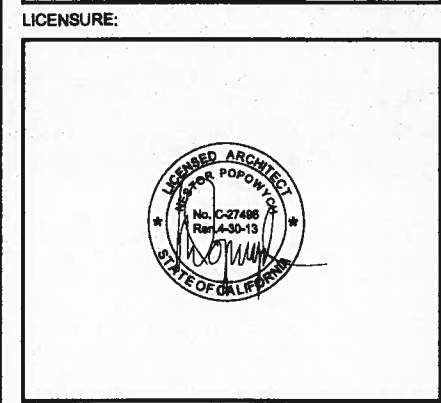
PROJECT INFORMATION:
 NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:
 02/24/2012

ISSUED FOR:
 100%CD's

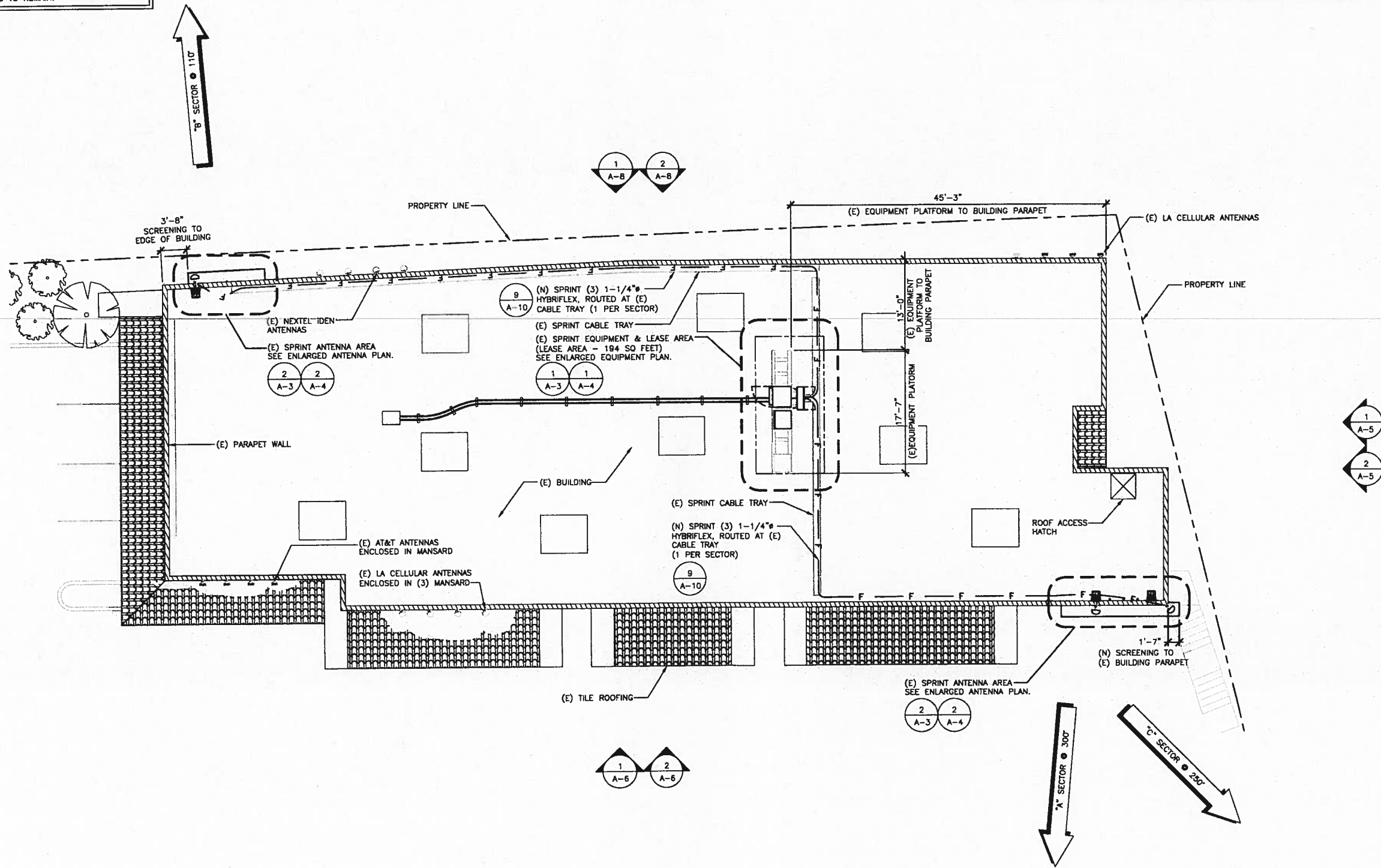
REVISIONS				
REV.	DATE	DESCRIPTION	INITIALS	
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR	
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF	
C	03/28/12	100%CD's	DY	
Δ	10/8/12	CITY COMMENTS	DY	
Δ	10/16/12	CITY COMMENTS	KW	

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE:
 ROOFTOP PLAN

SHEET NUMBER: A-2
REVISION: 1



ROOFTOP PLAN

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

SCALE: 1/8" = 1'-0" (22x34)
 (OR) 1/4" = 1'-0" (11x17)





PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
 LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

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LICENSURE:



SHEET TITLE:

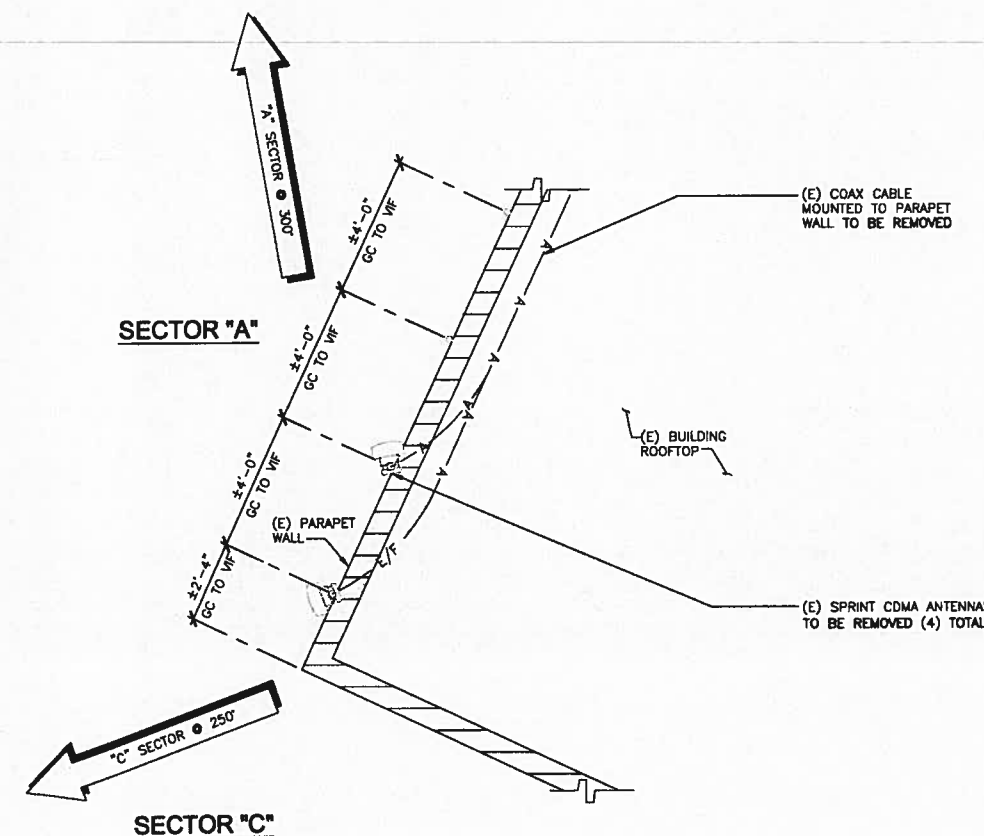
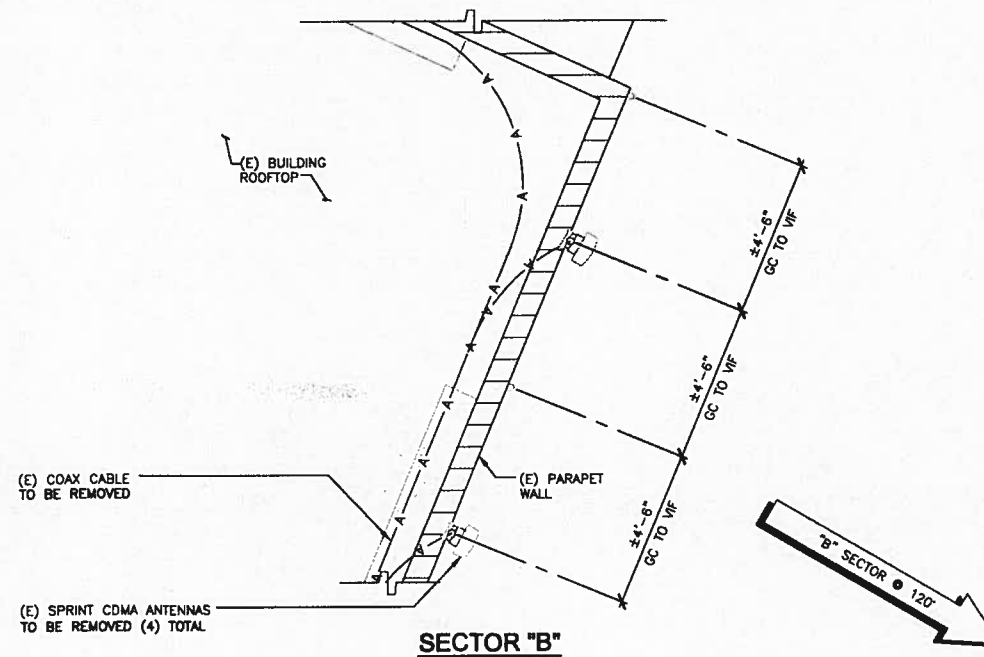
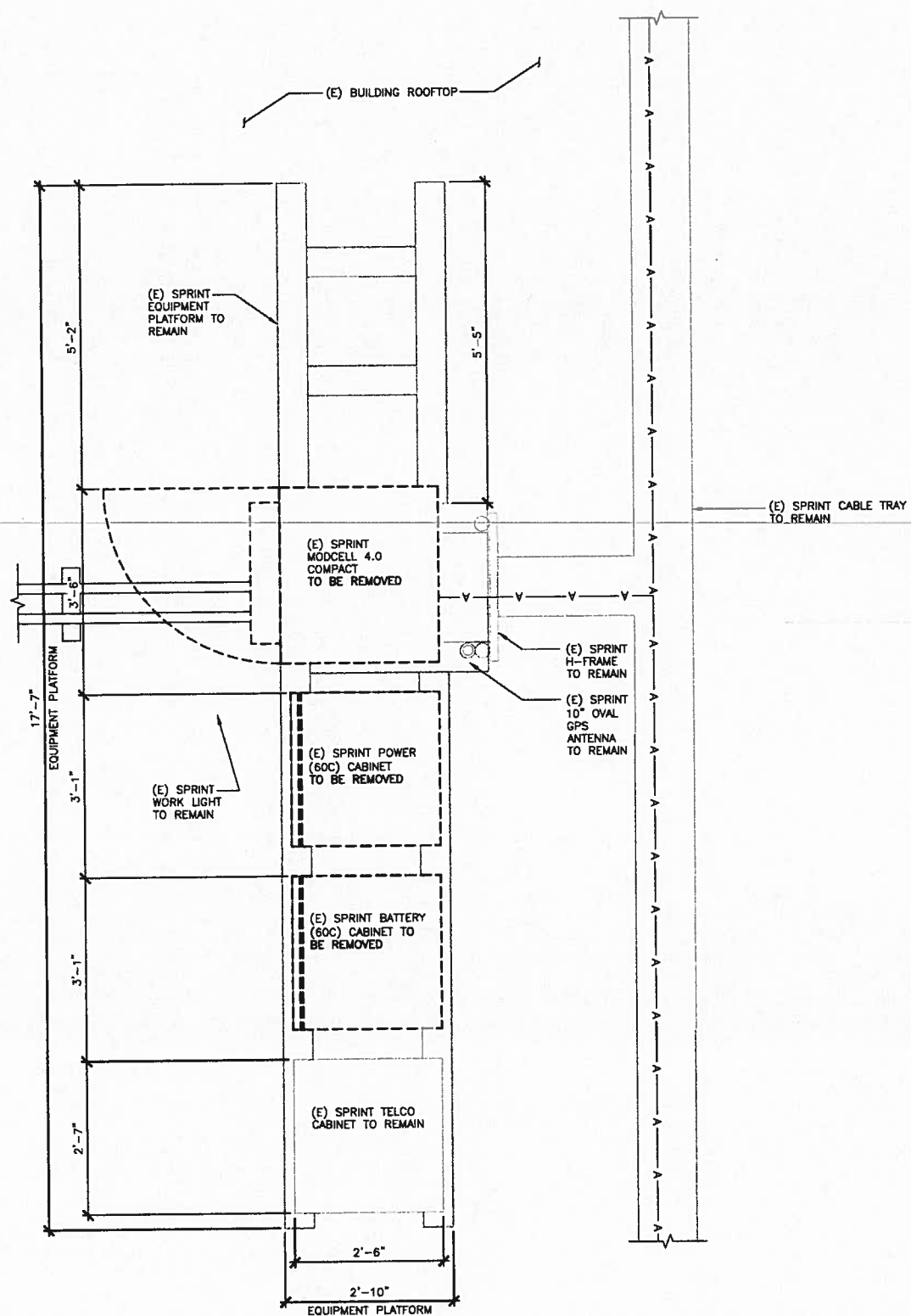
ENLARGED ANTENNA & EQUIPMENT PLANS (E)

SHEET NUMBER:

A-3

REVISION:

1



1

ENLARGED EQUIPMENT PLAN (E)

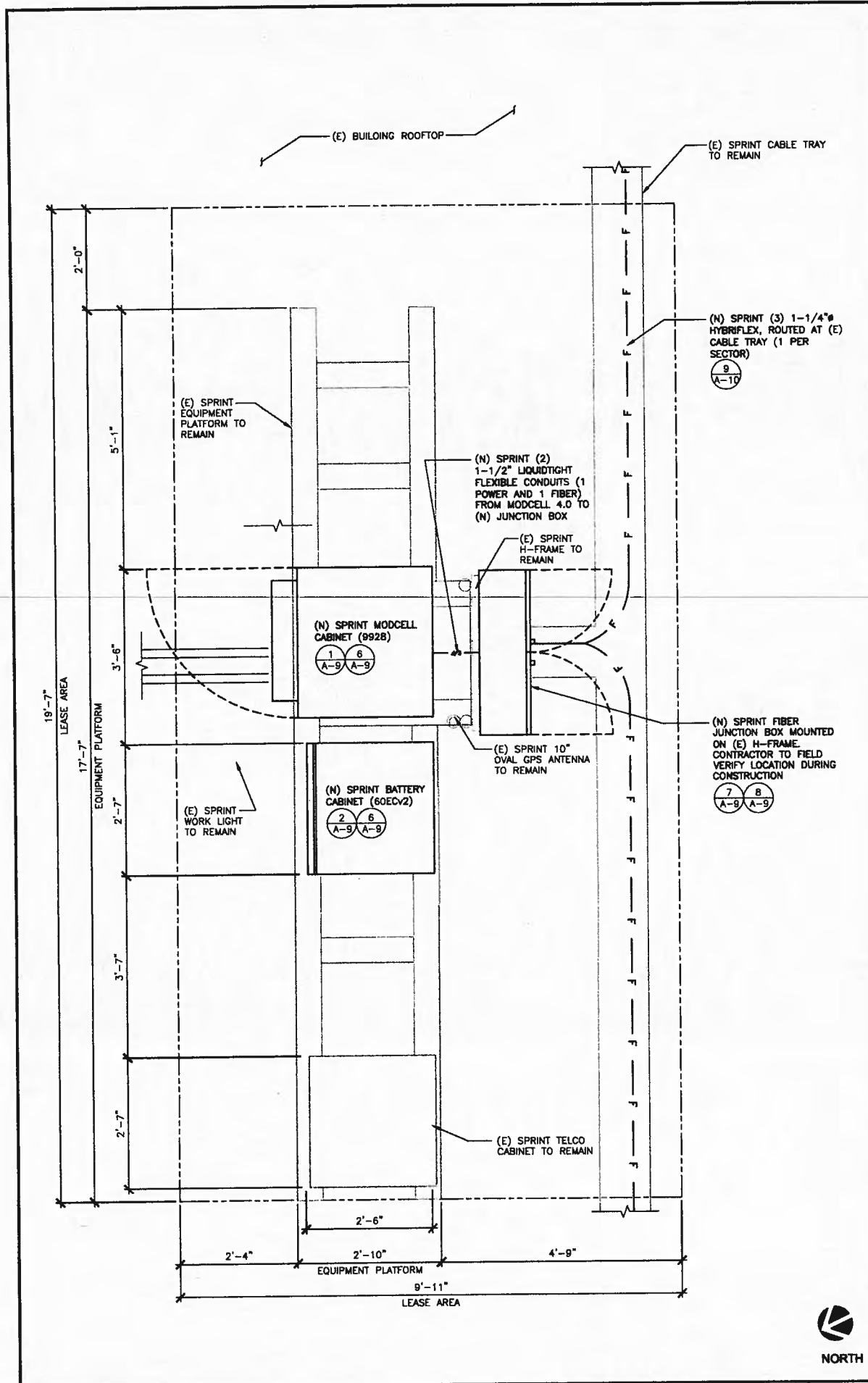
SCALE: 3/4" = 1'-0" (22x34)
(OR) 3/8" = 1'-0" (11x17)

ENLARGED ANTENNA PLANS (E)

SCALE: 3/8" = 1'-0" (22x34)
(OR) 3/16" = 1'-0" (11x17)



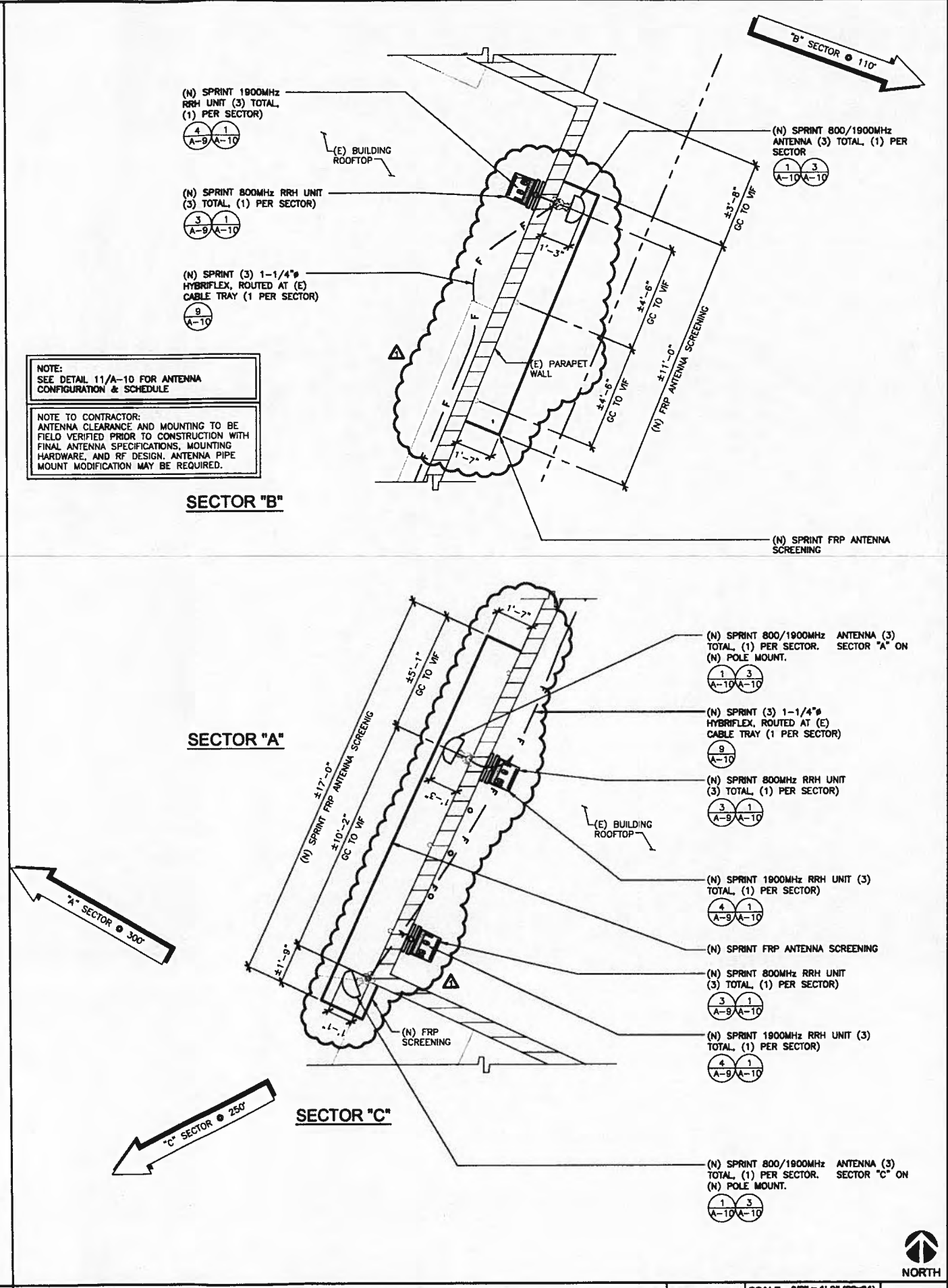
2



ENLARGED EQUIPMENT PLAN (AFTER)

SCALE: 3/8" = 1'-0" (22x34)
 (OR) 3/8" = 1'-0" (11x17)

1



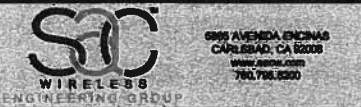
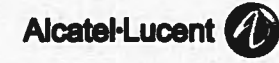
NOTE:
 SEE DETAIL 11/A-10 FOR ANTENNA CONFIGURATION & SCHEDULE

NOTE TO CONTRACTOR:
 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.

ENLARGED ANTENNA PLANS (AFTER)

SCALE: 3/8" = 1'-0" (22x34)
 (OR) 3/8" = 1'-0" (11x17)

2



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
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 AGOURA HILLS, CA 91301
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Δ	10/8/12	CITY COMMENTS	DY	
Δ	10/16/12	CITY COMMENTS	KW	

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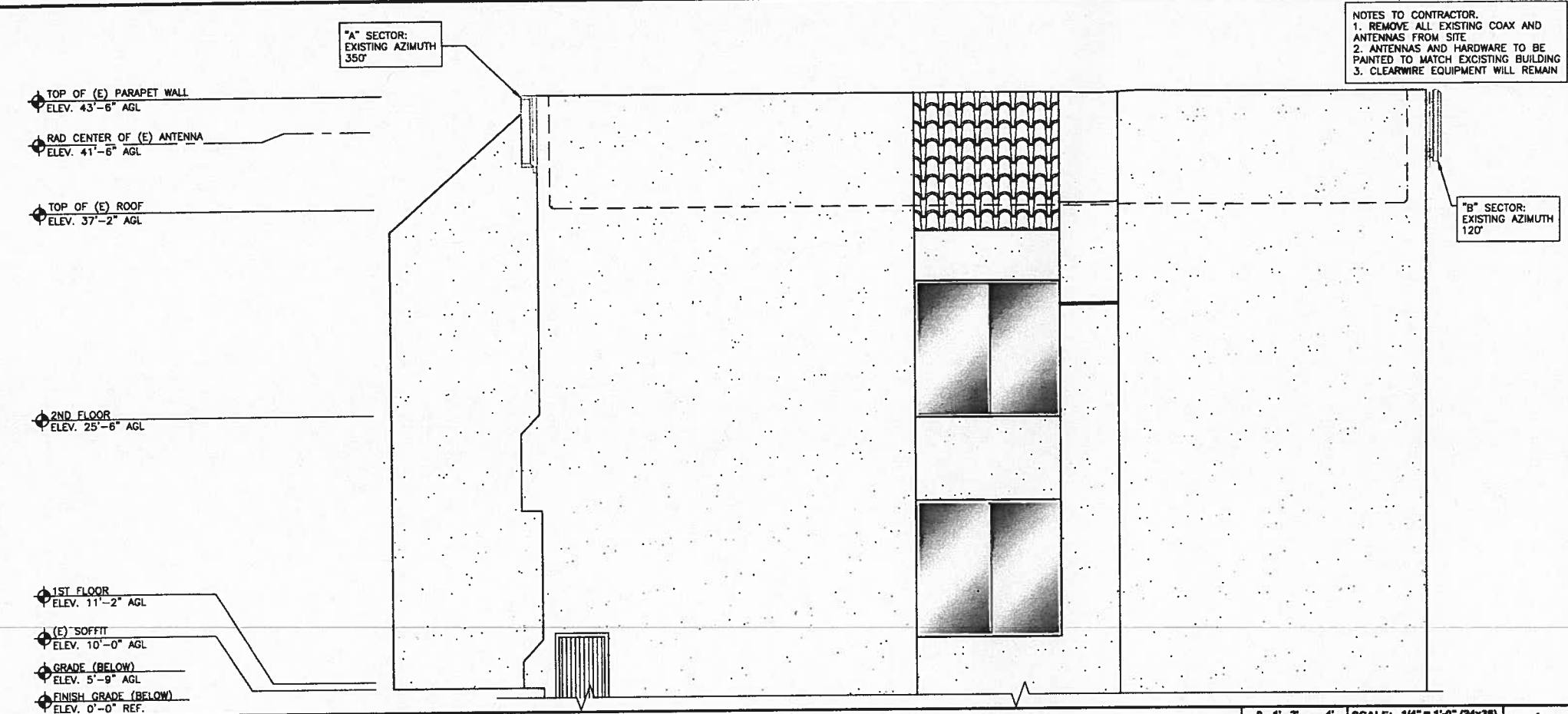
LICENSURE:

(E) PARAPET WALL

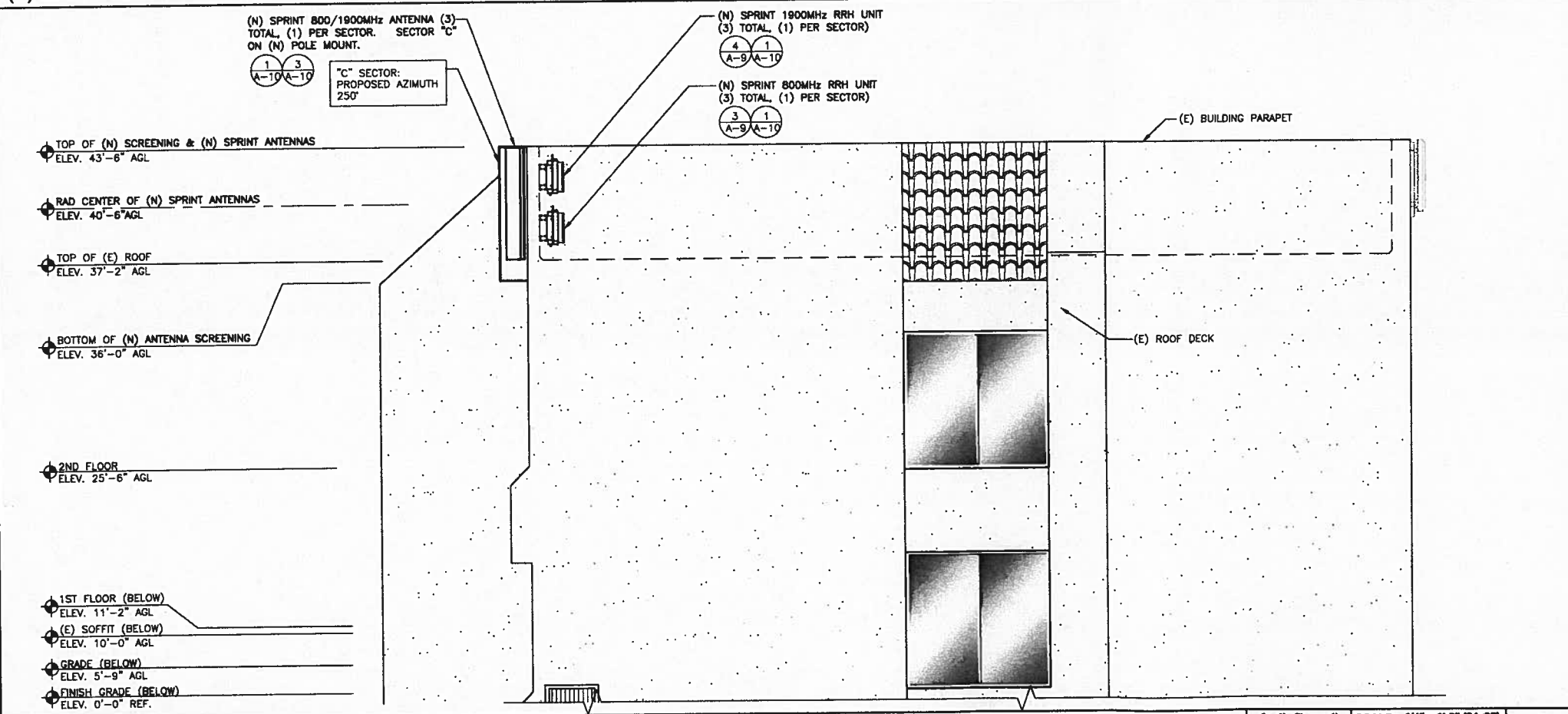
SHEET TITLE:
 ENLARGED ANTENNA & EQUIPMENT PLANS (N)

SHEET NUMBER: A-4 REVISION: 1

A-4 1



(E) SOUTH ELEVATION



(N) SOUTH ELEVATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING
 3. CLEARWIRE EQUIPMENT WILL REMAIN

NOTES:
 1. CONTRACTOR TO FIELD VERIFY ANTENNA CABLE LENGTHS.
 2. ALL MAIN CABLES WILL BE COLOR CODED AT THREE (3) LOCATIONS.
 3. COLOR CODE ALL ANTENNA AND COAX WITH 2" WIDE BANDS OF COLORED TAPE WITH 1" SEPARATION BETWEEN BANDS
 4. COLOR CODE ALL TOP AND BOTTOM GROUND KITS WITH 1" WIDE BANDS OF COLORED TAPE WITH 1/2" SEPARATION BETWEEN BANDS.
 5. START COLOR BANDS 2" BEYOND WEATHERPROOFING.
 6. START SECTOR COLOR NEXT TO END CONNECTOR.
 7. ALL MAIN CABLES WILL BE GROUNDED W/ COAXIAL CABLE GROUND KITS AT:
 • THE ANTENNA LEVEL
 • MID LEVEL IF TOWER IS OVER 200'
 8. ALL NEW GROUND BAR DOWNLOADS ARE TO BE CADWELDED TO THE EXISTING ADJACENT GROUND BAR DOWNLOADS A MINIMUM DISTANCE OF 4FT BELOW GROUND BAR
 9. PROVIDE BUSS BAR NEAR BTS FOR ATTACHMENT OF WIMAX COAX GROUND KITS

COAXIAL ANTENNA CABLE NOTES:
 1. THE ANTENNA COAXIAL CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN SWEEP TESTS (ANTENNA RETURN LOSS TEST). THIS TEST SHALL BE PERFORMED TO THE SPECIFICATIONS AND PARAMETERS OUTLINED BY THE SPRINT RADIO FREQUENCY (RF) ENGINEER. THIS TEST SHALL BE PERFORMED PRIOR TO FINAL ACCEPTANCE OF THE SITE/
 2. THE COAXIAL ANTENNA CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN TIME DOMAIN REFLECTOMETER (TDR) TESTS TO VERIFY CABLE LENGTH AND TO CHECK FOR WATER DAMAGE.
 3. VAPOR WRAP WILL BE USED TO SEAL ALL CONNECTIONS.
 4. ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE WILL BE 1/2" JUMPERS AND SHALL NOT EXCEED 6'-0". MAXIMUM LENGTH FOR THE JUMPERS AT WIMAX BTS UNITS WILL BE 6'-0".
 5. IF COAX IS BEING RE-USED FOR THIS INSTALLATION, PRE AND POST ANTENNA LINE SWEEPS ARE REQUIRED.

ANTENNA MOUNTING NOTES:
 1. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIPPED GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.
 2. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT DIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.
 3. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
 4. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH DOUBLE NUTS AND SHALL BE INSTALLED SNUG TIGHT.
 5. MINIMUM HORIZONTAL SPACING SHALL BE 2'-0" BETWEEN ALL ANTENNAS.
 6. UPON COMPLETION, PROVIDE A HEIGHT VERIFICATION DEPICTING RAD CENTER AND TOP OF ANTENNA.

CONTRACTOR NOTES:
 1. (N) SPRINT FIBER LINES FROM (E)/(N) EQUIPMENT, TO (N) SPRINT ANTENNAS ARE TO FOLLOW (E) FIBER/COAX ROUTE (FIELD VERIFY).
 2. ALL (N) MATERIALS (ANTENNAS, EQUIPMENT /RRH'S AND ALL HARDWARE) THAT ARE EXPOSED (NOT BEHIND SCREENING) ARE TO BE PAINTED (PER MANUFACTURERS RECOMMENDATIONS) TO MATCH (E) BUILDING FINISH.
 3. PATCH AND REPAIR EXISTING MATERIALS, FINISHES, WALLS, ETC. AS NEEDED TO PROVIDE A SEAMLESS TRANSITION FROM (N) TO (E) SURFACES. (N) CONSTRUCTION MUST MATCH (E) BUILDING COLOR, FINISH AND TEXTURE.

GENERAL NOTES:
 1. ALL AZIMUTHS ARE TO BE ESTABLISHED CLOCKWISE FROM THE TRUE NORTH HEADING.
 2. CONTRACTOR SHALL VERIFY PROPOSED ANTENNA RAD CENTER AND ORIENTATIONS WITH SPRINT PRIOR TO INSTALLATION OF ANTENNAS.
 3. PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, EXISTING BUILDING WALL MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER TO VERIFY BUILDING WALL IS CAPABLE OF SUPPORTING THE PROPOSED LOADS. REFER TO STRUCTURAL ANALYSIS BY OTHERS.
 4. CONTRACTOR SHALL REFER TO BUILDING WALL STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF BUILDING WALL SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.



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 AGOURA HILLS, CA 91301
 AGOURA HILLS

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 02/24/2012

ISSUED FOR:
 100%CD's

REVISIONS				
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C	03/28/12	100%CD's	DY	
Δ	10/8/12	CITY COMMENTS	DY	
Δ	10/16/12	CITY COMMENTS	KW	

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SHEET TITLE:
 (E) & (N) SOUTH ELEVATIONS

SHEET NUMBER: A-5 ^Δ

REVISION: Δ

TOP OF (E) PARAPET WALL
ELEV. 43'-6" AGL

RAD CENTER OF (E) ANTENNA
ELEV. 41'-6" AGL

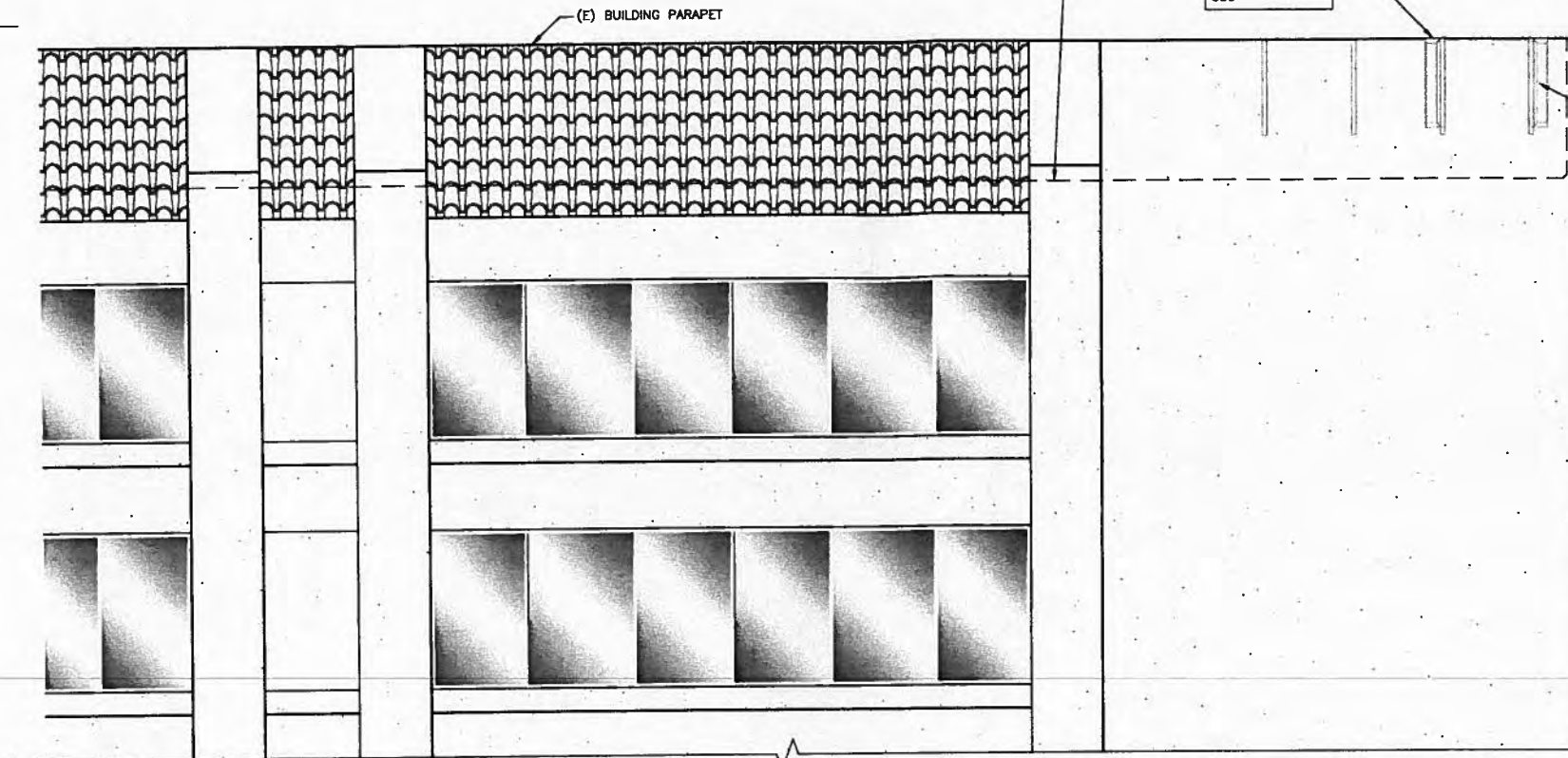
TOP OF (E) ROOF
ELEV. 37'-2" AGL

2ND FLOOR
ELEV. 25'-6" AGL

1ST FLOOR (BELOW)
ELEV. 11'-2" AGL

(E) SOFFIT (BELOW)
ELEV. 10'-0" AGL

FINISH GRADE (BELOW)
ELEV. 0'-0" REF.



NOTES TO CONTRACTOR:
1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING
3. CLEARWIRE EQUIPMENT AND ANTENNAS WILL REMAIN



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Δ	10/16/12	CITY COMMENTS	KW

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SHEET TITLE:
(E) & (N) WEST ELEVATIONS

SHEET NUMBER: **A-6** Δ
REVISION: Δ

(E) WEST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
(OR) 1/8" = 1'-0" (11x17) 1

TOP OF (E) PARAPET WALL & (N) SPRINT ANTENNAS
ELEV. 43'-6" AGL

RAD CENTER OF (N) SPRINT ANTENNAS
ELEV. 40'-6" AGL

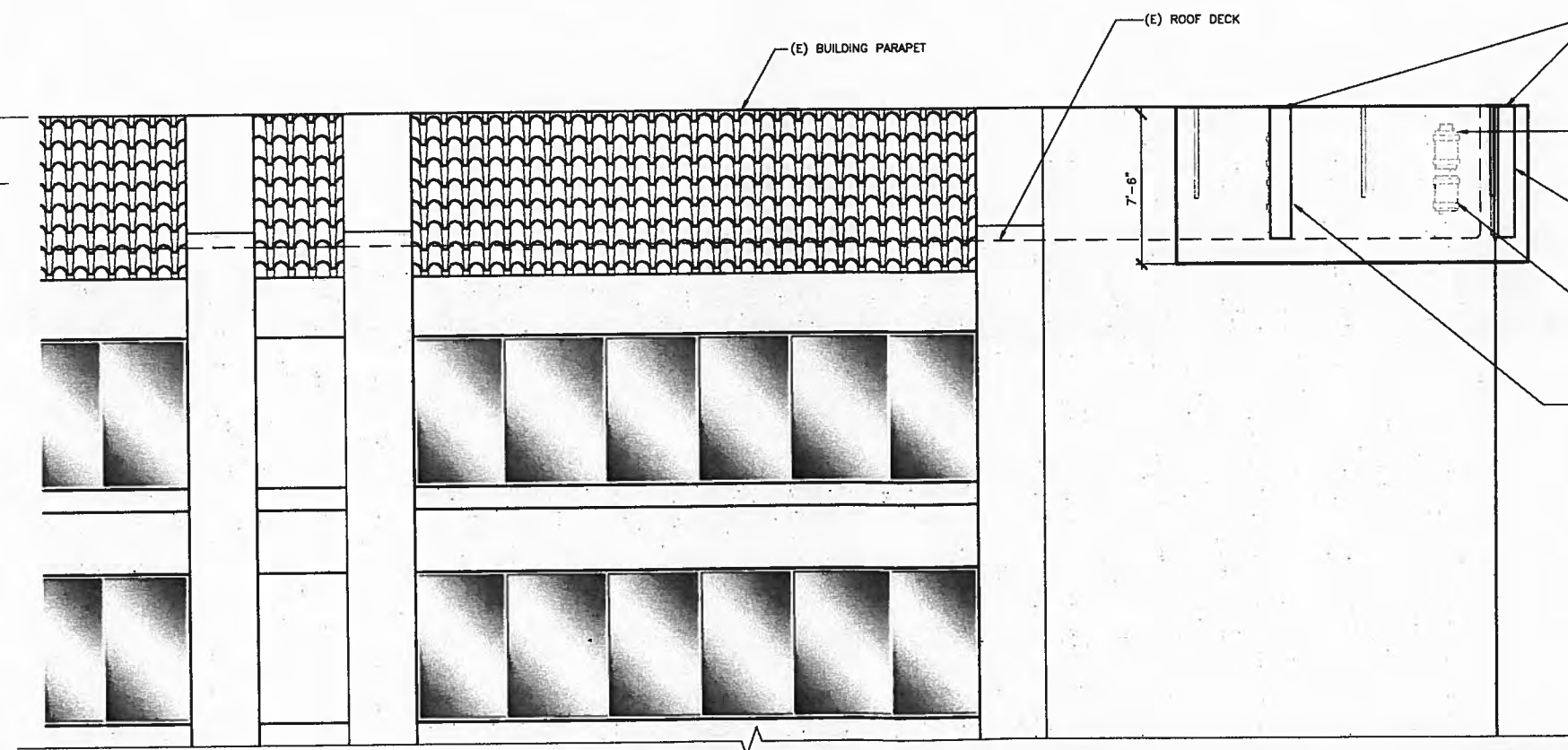
TOP OF (E) ROOF
ELEV. 37'-2" AGL

2ND FLOOR
ELEV. 25'-6" AGL

1ST FLOOR (BELOW)
ELEV. 11'-2" AGL

(E) SOFFIT (BELOW)
ELEV. 10'-0" AGL

FINISH GRADE (BELOW)
ELEV. 0'-0" REF.



(N) SPRINT 800/1900MHz ANTENNA (3) TOTAL, (1) PER SECTOR. SECTOR "C" & SECTOR "A" ON (N) POLE MOUNT
① ③
A-10 A-10

(N) SPRINT 1900MHz RRH UNIT (3) TOTAL, (1) PER SECTOR
④ ①
A-9 A-10

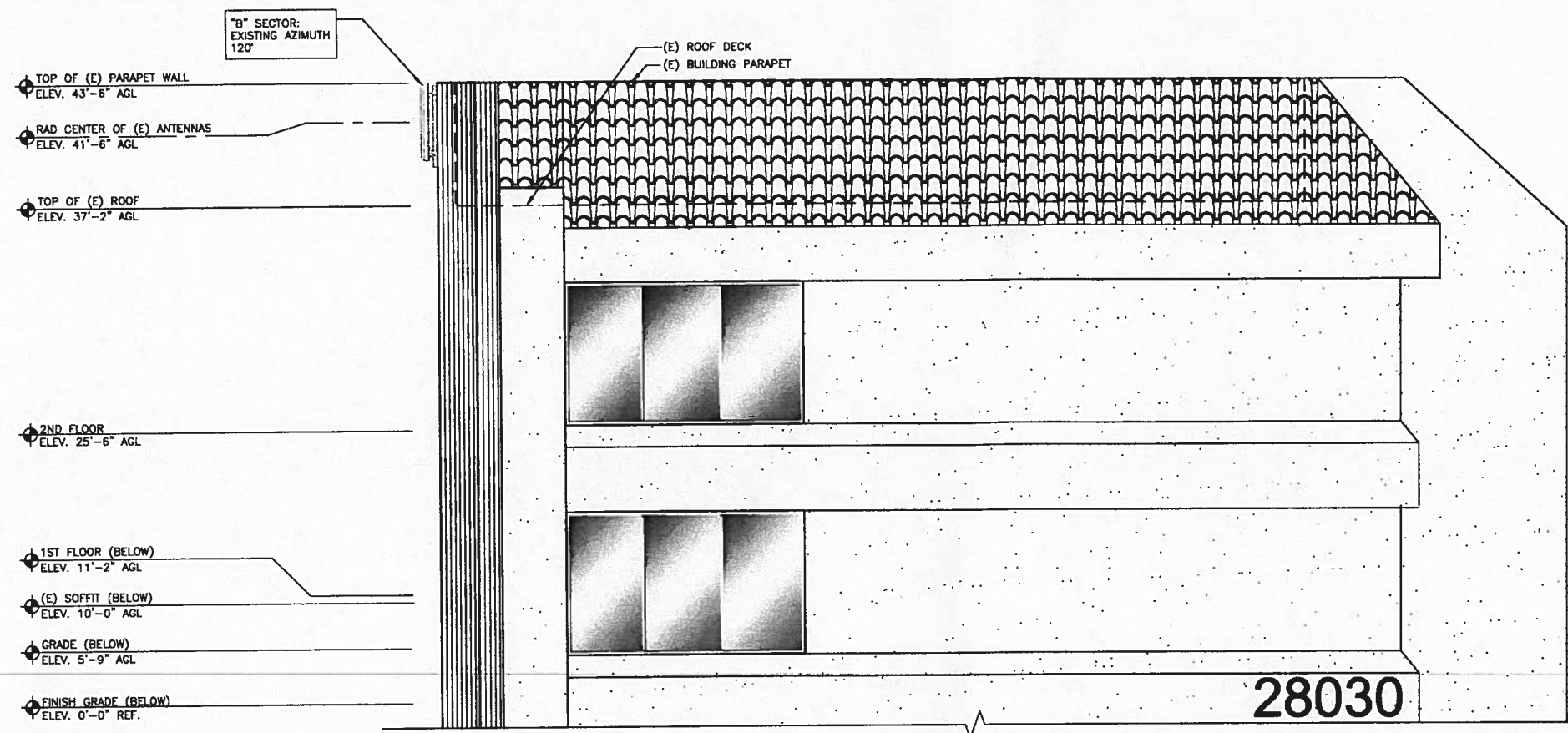
"C" SECTOR: PROPOSED AZIMUTH 250

(N) SPRINT 800MHz RRH UNIT (3) TOTAL, (1) PER SECTOR
③ ①
A-9 A-10

"A" SECTOR: PROPOSED AZIMUTH 300

(N) WEST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
(OR) 1/8" = 1'-0" (11x17) 2



NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING
 3. CLEARWIRE EQUIPMENT AND ANTENNAS WILL REMAIN

SEE ELEVATION NOTES ON A-5



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Δ	10/8/12	CITY COMMENTS	DY
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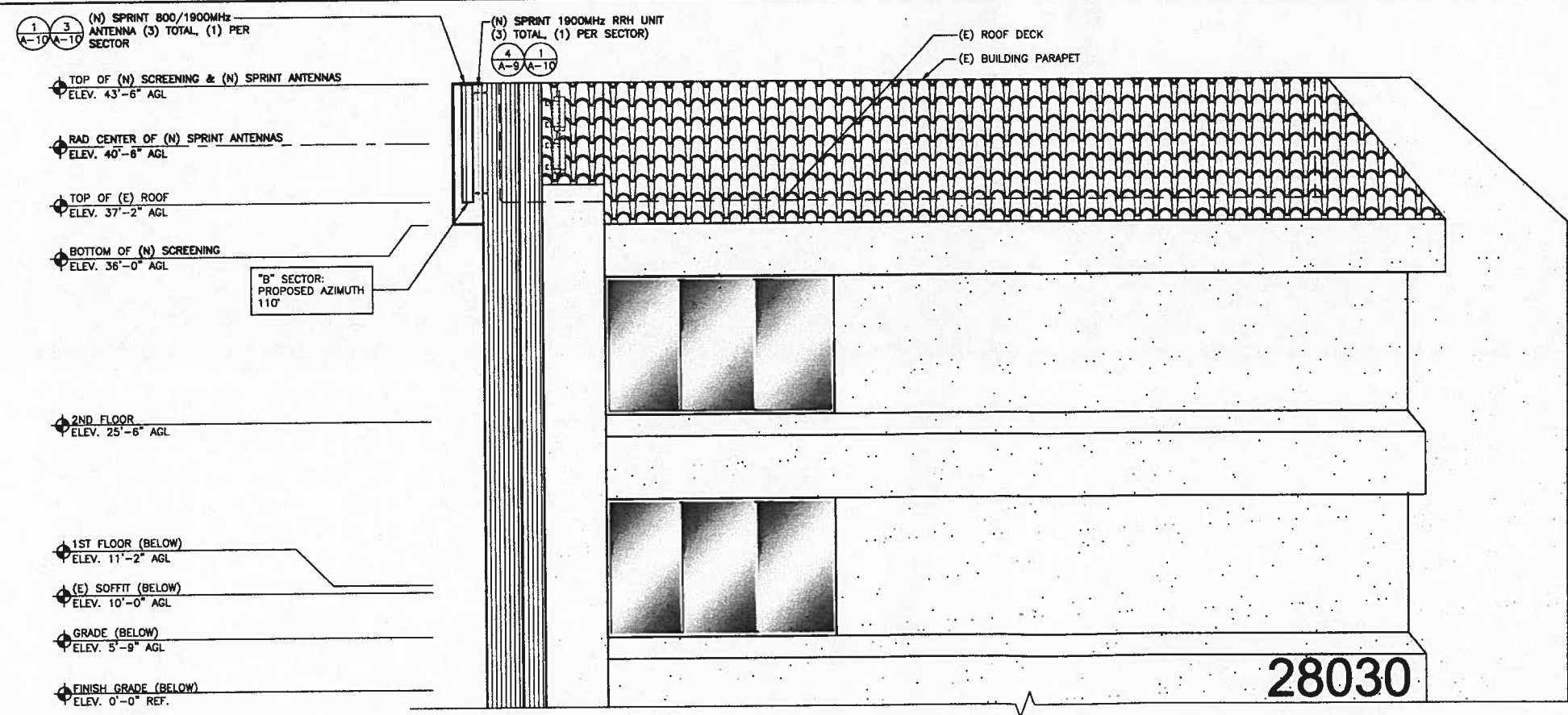


SHEET TITLE:
 (E) & (N) NORTH ELEVATIONS

SHEET NUMBER: **A-7** Δ
 REVISION: Δ

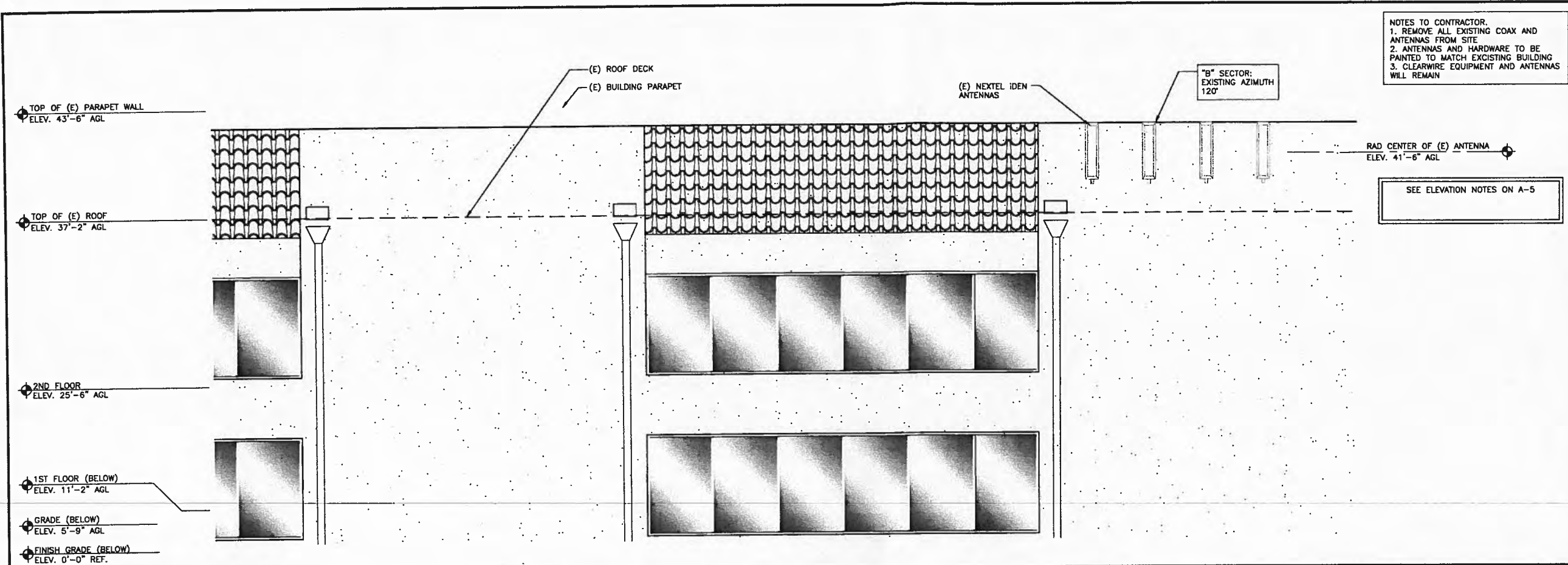
(E) NORTH ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 1



(N) NORTH ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 2

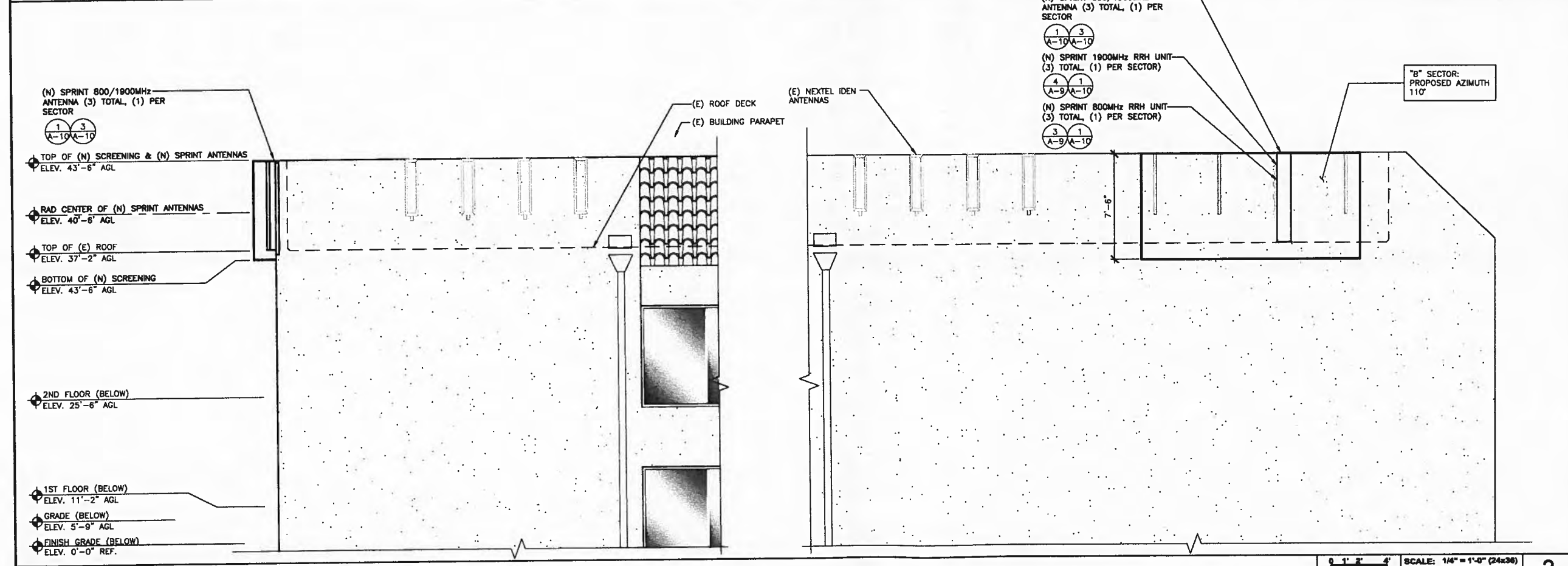


NOTES TO CONTRACTOR:
 1. REMOVE ALL EXISTING COAX AND ANTENNAS FROM SITE.
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING BUILDING.
 3. CLEARWIRE EQUIPMENT AND ANTENNAS WILL REMAIN.

SEE ELEVATION NOTES ON A-5

(E) EAST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 1



(N) EAST ELEVATION

SCALE: 1/4" = 1'-0" (24x36)
 (OR) 1/8" = 1'-0" (11x17) 2



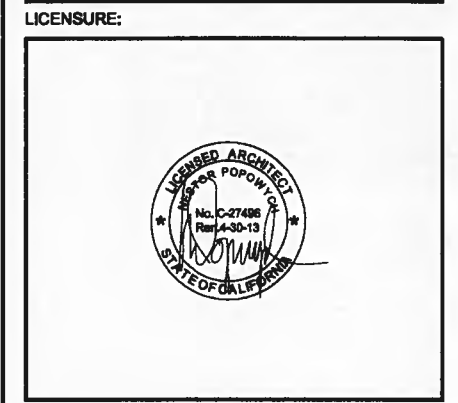
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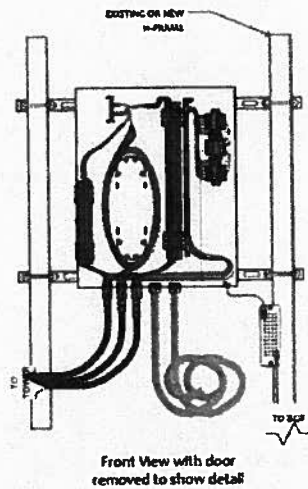
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SHEET TITLE:
 (E) & (N) EAST ELEVATIONS

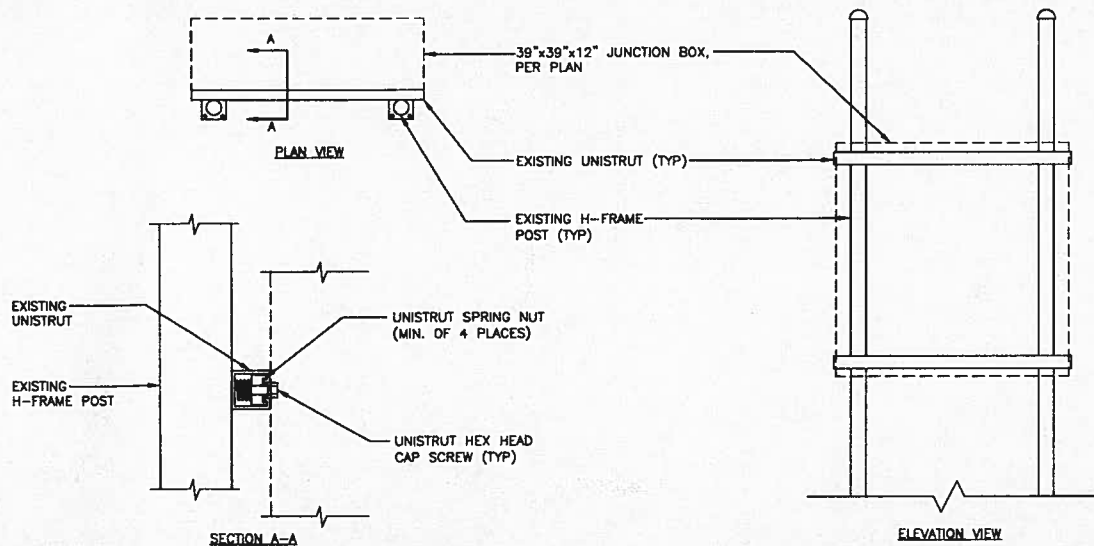
SHEET NUMBER: **A-8** Δ
 REVISION: Δ



NOTES:
 - Distribution Box is kitted with 50' of 1 1/8" Liquid-tight conduit and connectors. This should be:
 • split in half (25' per),
 • terminated to the Distribution Box as shown,
 • ran to and coiled as close to where the cabinet is going to be mounted as possible.

- Distribution Box is kitted with 2AWG, power cable 35' X 2ea. Runs red and 2ea. Runs black. This should be coiled and left inside Distribution Box.

BTS Installation team will terminate Liquid-tight, run the fiber jumpers and power cables from BTS Cabinet to Distribution Box.

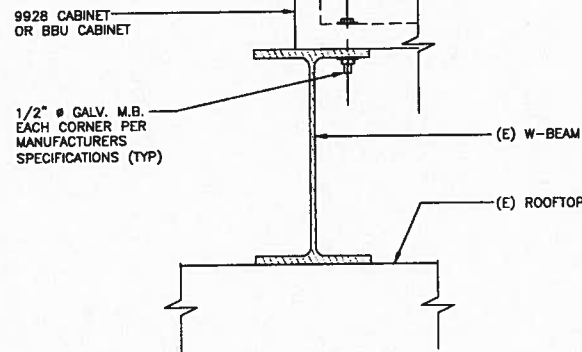


(N) FIBER JUNCTION BOX

8

JUNCTION BOX MOUNTING TO (E) H-FRAME

7



CABINET MOUNTING

6

NOT USED

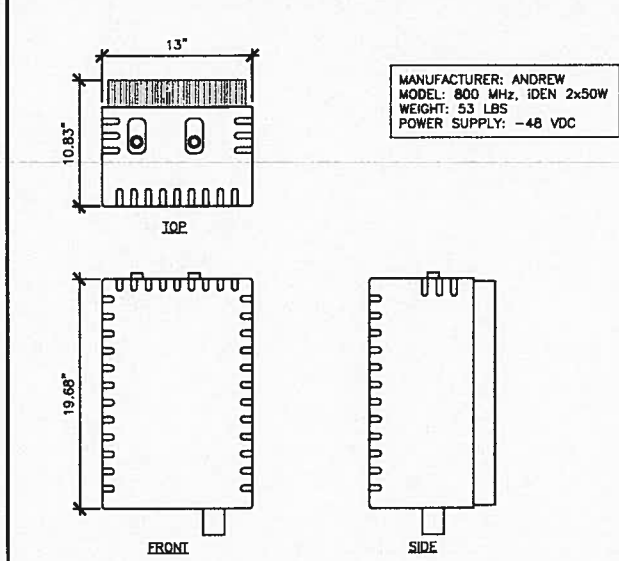
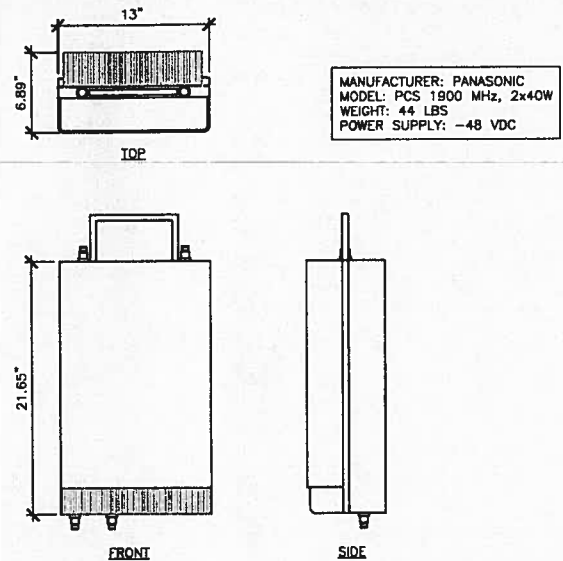
5

1900 MHz RRH

4

800 MHz RRH

3



MANUFACTURER: ANDREW (COMMSCOPE)
 MODEL: 60ECV2

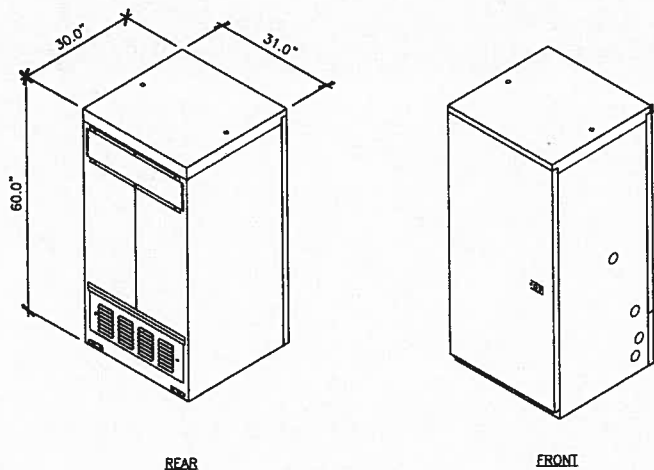
CABINET DIMENSIONS:
 HEIGHT: 60 IN. (152.4 CM)
 WIDTH: 31 IN. (78.7 CM)
 DEPTH: 30 IN. (76.2 CM)

CABINET OPERATING TEMPERATURE RANGE:
 -40°C TO 46°C

WEIGHT:
 CABINET: 425#

BATTERIES: 100# EACH
 (20 BATTERIES MAX - 2,000 POUNDS MAX WEIGHT)

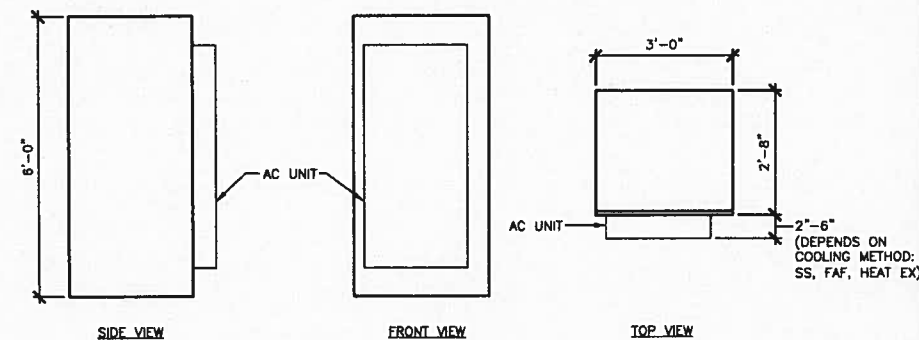
CABINET MAX WEIGHT: 2,425#



MANUFACTURER: ALCATEL-LUCENT
 MODEL #: 9928

MAIN CABINET DIMENSIONS:
 HEIGHT: 72"
 WIDTH: 35.5"
 DEPTH: 32"

ESTIMATED MAX WEIGHT:
 FACTORY: 1190 LBS
 UPGRADED: 1390 LBS

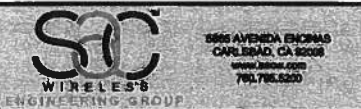


(N) BATTERY BACKUP CABINET

2

(N) 9928 BTS CABINET

1



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LICENSURE:



SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

REVISION:

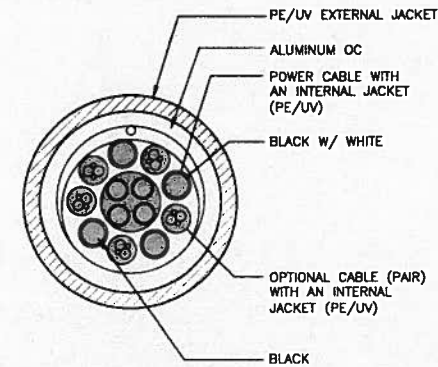
A-9



**NOTE:
CONTRACTOR TO SEE "FINAL" RFDS FOR BUILD.**

PROPOSED ANTENNA CONFIGURATION AND SCHEDULE										
SECTOR	AZIMUTH	RADCENTER	NUMBER OF ANTENNAS	VENDOR	MODEL	RET	MECH. TILT	RRH	FIBER OPTIC	FIBER LENGTH
SECTOR A	300°	40'-6"	1	RFS	APXVSP18-C-A20	-8°	0°	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-0BU4-MSF	60'-0"
SECTOR B	110°	40'-6"	1	RFS	APXVSP18-C-A20	-8°	0°	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-0BU4-MSF	110'-0"
SECTOR C	250°	40'-6"	1	RFS	APXVSP18-C-A20	-4°	0°	(1) 800MHz, (1) 1900MHz	(1) 1-1/4" HYBRIFLEX HB114-1-0BU4-MSF	60'-0"

MANUFACTURER: RFS
MODEL: HB114-1-0BU4-MSF
WEIGHT (LB/FT): 1.30
MINIMUM BENDING RADIUS SINGLE BENDING: 8"
MINIMUM BENDING RADIUS REPEATED BENDING: 20"
RECOMMENDED/MAXIMUM CLAMP SPACING: 3.25'/4.0'



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SHEET TITLE:

CONSTRUCTION DETAILS

SHEET NUMBER:

A-10

REVISION:



(N) ANTENNA CONFIGURATION AND SCHEDULE

11

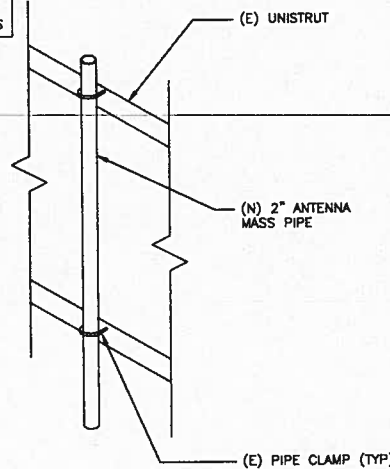
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10

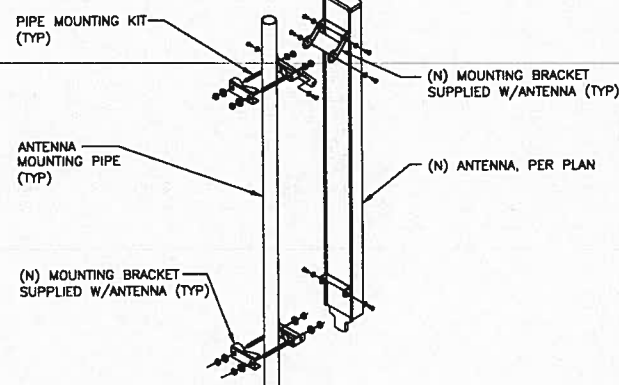
HYBRIFLEX CABLE

9

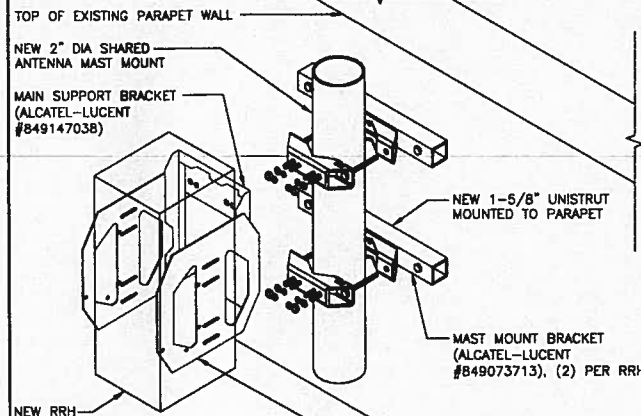
NOTE: CONTRACTOR TO FIELD VERIFY THAT (E) PIPE IS CAPABLE OF SUPPORTING (N) ANTENNAS



PIPE MOUNTING TYPICAL ALL SECTORS



NOTE: CONTRACTOR TO FIELD VERIFY THAT THE (E) ANTENNA MOUNTING PIPE WILL SUPPORT (N) ANTENNA - PER PLAN



SECURE TO WALL USING:
● WOOD STUDS: 1/4" x 3-1/2" LAG BOLT
● SOLID CONCRETE WALL: 5/8" HILTI KWIK BOLT TZ, 4" MIN EMBED (ICC ESR #1917)
● HOLLOW CMU: HILTI HH C20 EPOXY W/ MIN. 6" EMB (IC80#4016)

PIPE MOUNTING

8

ANTENNA MOUNTING

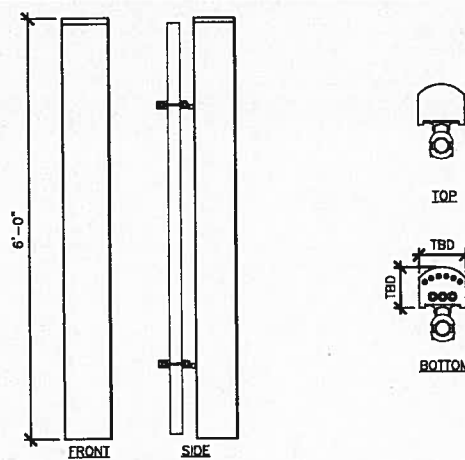
7

RRH MOUNTING

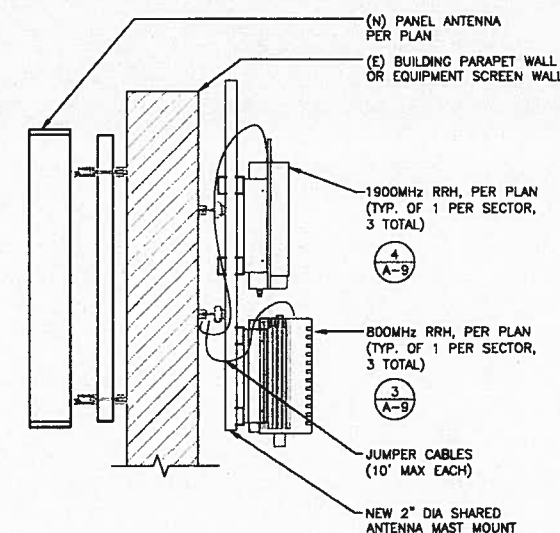
6

NOT USED

5



MANUFACTURER: RFS
MODEL: APXVSP18-C
WEIGHT W/O MOUNTING HARDWARE:
DIMENSIONS: HxWxD:
FREQUENCY: REFER TO RF DATA SHEET



NOT USED

4

(N) PANEL ANTENNA (800/1900)

3

NOT USED

2

800/1900MHz MOUNTING

1



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

AGOURA HILLS

LA03XC200

28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

02/24/2012

ISSUED FOR:

100%CD's

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	02/24/12	ISSUED FOR 90% CD REVIEW	DAR
B	03/13/12	ISSUED FOR 90% CD REVIEW	AMF
C	03/28/12	100%CD's	DY
Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

(N) COLOR CODING

SHEET NUMBER:

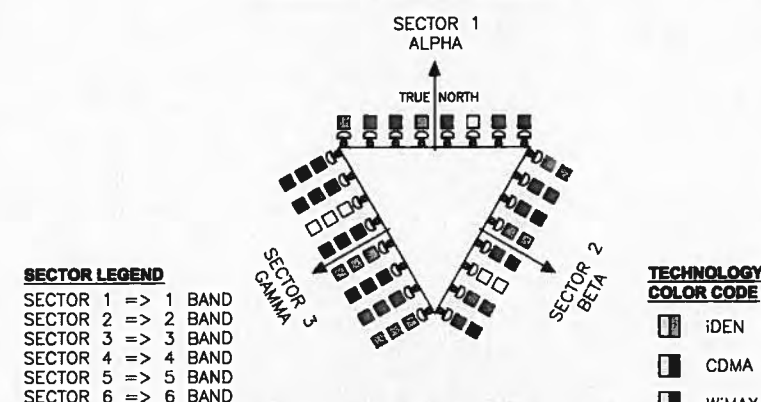
A-11

REVISION:

Δ

ANTENNA AND CABLE COLOR CODING

(3 SECTORED / MULTIPLE RF CHANNELS)
ASSUMING 8 LINES AND ANTENNAS

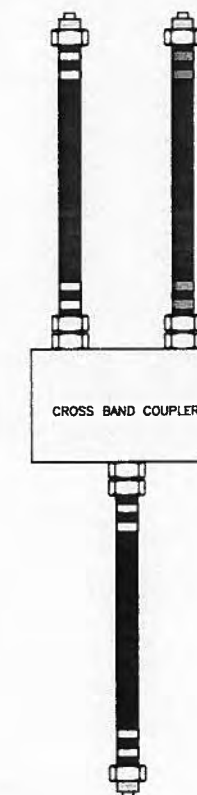


EXAMPLE - SECTOR 2, CABLE 2, 800MHz RADIO #1

EXAMPLE - SECTOR 3, CABLE 1, 1900MHz RADIO #1

EXAMPLE - SECTOR 1, CABLE 4, 800MHz RADIO #1
AND 1900MHz RADIO #1

- COLOR BAND TO BE 2" WIDE ON MAIN LINE.
- SPACING TO BE 1" BETWEEN BANDS AND 2" BETWEEN LINE AND TECHNOLOGY BANDS. NO SPACE BETWEEN TECHNOLOGY COLOR BANDS.
- COLOR BAND ON JUMPERS 1" WIDE W/ 1" SPACE.
- START COLOR BANDS 2" BEYOND WEATHERPROOFING.
- START SECTOR COLOR NEXT TO END CONNECTOR.



TYPICAL COAX CABLE COLOR CODING SCHEME

SECTOR	CABLE	FIRST RING	SECOND RING	THIRD RING
1 ALPHA	1	GREEN	NO TAPE	NO TAPE
1	2	RED	NO TAPE	NO TAPE
1	3	SLATE	NO TAPE	NO TAPE
1	4	WHITE	NO TAPE	NO TAPE
1	5	ORANGE	NO TAPE	NO TAPE
1	6	SLATE	NO TAPE	NO TAPE
1	7	PURPLE	NO TAPE	NO TAPE
1	8	ORANGE	NO TAPE	NO TAPE
2 BETA	1	GREEN	GREEN	NO TAPE
2	2	BLUE	BLUE	NO TAPE
2	3	BROWN	BROWN	NO TAPE
2	4	WHITE	WHITE	NO TAPE
2	5	RED	RED	NO TAPE
2	6	SLATE	SLATE	NO TAPE
2	7	PURPLE	PURPLE	NO TAPE
2	8	ORANGE	ORANGE	NO TAPE
3 GAMMA	1	GREEN	GREEN	GREEN
3	2	BLUE	BLUE	BLUE
3	3	BROWN	BROWN	BROWN
3	4	WHITE	WHITE	WHITE
3	5	RED	RED	RED
3	6	SLATE	SLATE	SLATE
3	7	PURPLE	PURPLE	PURPLE
3	8	ORANGE	ORANGE	ORANGE

4 COAXIAL CABLE COLOR CODE

SCALE: N.T.S.

TECHNOLOGY COLOR CODE	FIRST RING	SECOND RING
800 #1	YELLOW	GREEN
1900 #1	YELLOW	RED
1900 #2	YELLOW	SLATE
RESERVED	YELLOW	RED
RESERVED	YELLOW	SLATE
RESERVED	YELLOW	ORANGE
RESERVED	YELLOW	WHITE

2 FREQUENCY COLOR CODE

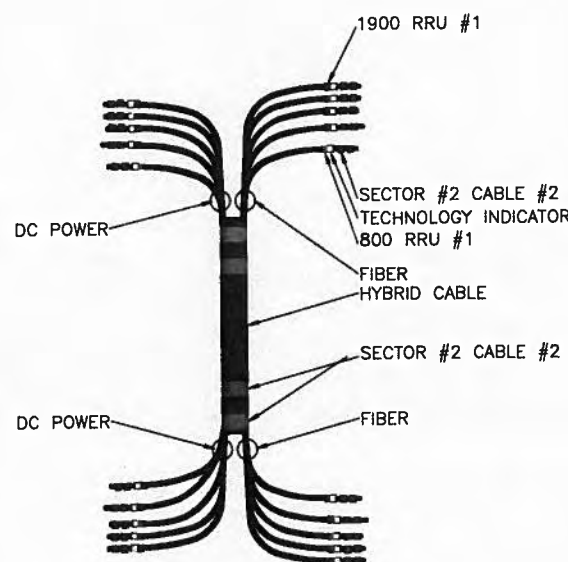
SCALE: N.T.S.

1 ANTENNA & CABLE COLOR CODE

SCALE: N.T.S.

5 NOT USED

SCALE: N.T.S.



3 HYBRID CABLE COLOR CODE

SCALE: N.T.S.



PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
LA03XC200
28030 DOROTHY DR
AGOURA HILLS, CA 91301
AGOURA HILLS

ISSUE DATE:

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REVISIONS

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Δ	10/8/12	CITY COMMENTS	DY
Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

SCHEMATIC GROUNDING PLAN

SHEET NUMBER:

E-1

REVISION:



GROUNDING KEYED NOTES:

- ANTENNA GROUND BUSS BAR NEAR ANTENNA MOUNTS WITH COAX GROUND KIT. SEE DETAIL 4/E-2 FOR GROUND BAR CONSTRUCTION, SEE DETAIL 3/E-2 FOR GROUND WIRE CONNECTIONS, AND SEE DETAIL 2/E-2 FOR COAX GROUNDING.
- #6 AWG GROUND FROM ANTENNA GROUND BUSS BAR TO TIE INTO (E) ROOF GROUNDING SYSTEM (TYP OF (2) PLACES)
- #6 AWG ANTENNA MOUNT GROUND TO ANTENNA GROUND BUSS BAR (TYP OF 6)
- #6 AWG GROUND FROM RRH UNITS TO ANTENNA GROUND BUSS BAR
- #6 AWG GROUND FROM H-FRAME TO TIE INTO (E) GROUND BUSS BAR.
- #6 AWG GROUND FROM BBU CABINET TO TIE INTO (E) GROUND BUSS BAR.
- (E) GROUND BUSS BAR NEAR EQUIPMENT WITH COAX GROUND KIT. SEE DETAIL 4/E-2 FOR GROUND BAR CONSTRUCTION, SEE DETAIL 3/E-2 FOR GROUND WIRE CONNECTIONS, AND SEE DETAIL 2/E-2 FOR COAX GROUNDING.
- #6 AWG GROUND FROM (E) GROUND BUSS BAR TO TIE INTO (E) ROOF GROUNDING SYSTEM (TYP OF (2) PLACES)
- MECHANICAL CONNECTION (TYP).
- #6 AWG GROUND FROM FIBER JUNCTION BOX TO TIE INTO (E) GROUND BUSS BAR.
- GC SHALL VERIFY (2) #6 AWG THHN GROUND LEADS FROM EACH OF TWO REMOTE INDIVIDUAL BUSES TO BE COLLECTED AT ONE MAIN MGB AND FURTHER ROUTED TO (E) BUILDING STEEL OR OTHER (E) DESIGNATED BUILDING GROUNDING SYSTEM (FINAL DESIGNATED POINT OF GROUNDING TO BE COORDINATED BETWEEN CM, GC AND BUILDING OWNER).
- #6 AWG GROUND FROM MODCELL CABINET TO TIE INTO (E) GROUND BUSS BAR.
- (N) SPRINT FIBER JUNCTION BOX MOUNTED ON (E) H-FRAME. CONTRACTOR TO FIELD VERIFY LOCATION DURING CONSTRUCTION
- (N) SPRINT BATTERY CABINET (60ECV2) TO BE INSTALLED
- (N) SPRINT MODCELL BTS CABINET (9928) TO BE INSTALLED
- (E) SPRINT TELCO CABINET

ALL ROOF TOP GROUND LEADS SHALL BE THERMOPLASTIC HIGH HEAT-RESISTANT NYLON-COATED (THHN).

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊗	COPPER GROUND ROD	⊗	TEST WELL
●	MECHANICAL CONNECTION	■	GROUND BAR
■	CADWELDED CONNECTION		
↗	FIELD VERIFY & TIE INTO (E) GROUNDING SYSTEM		

GROUNDING NOTES & LEGEND

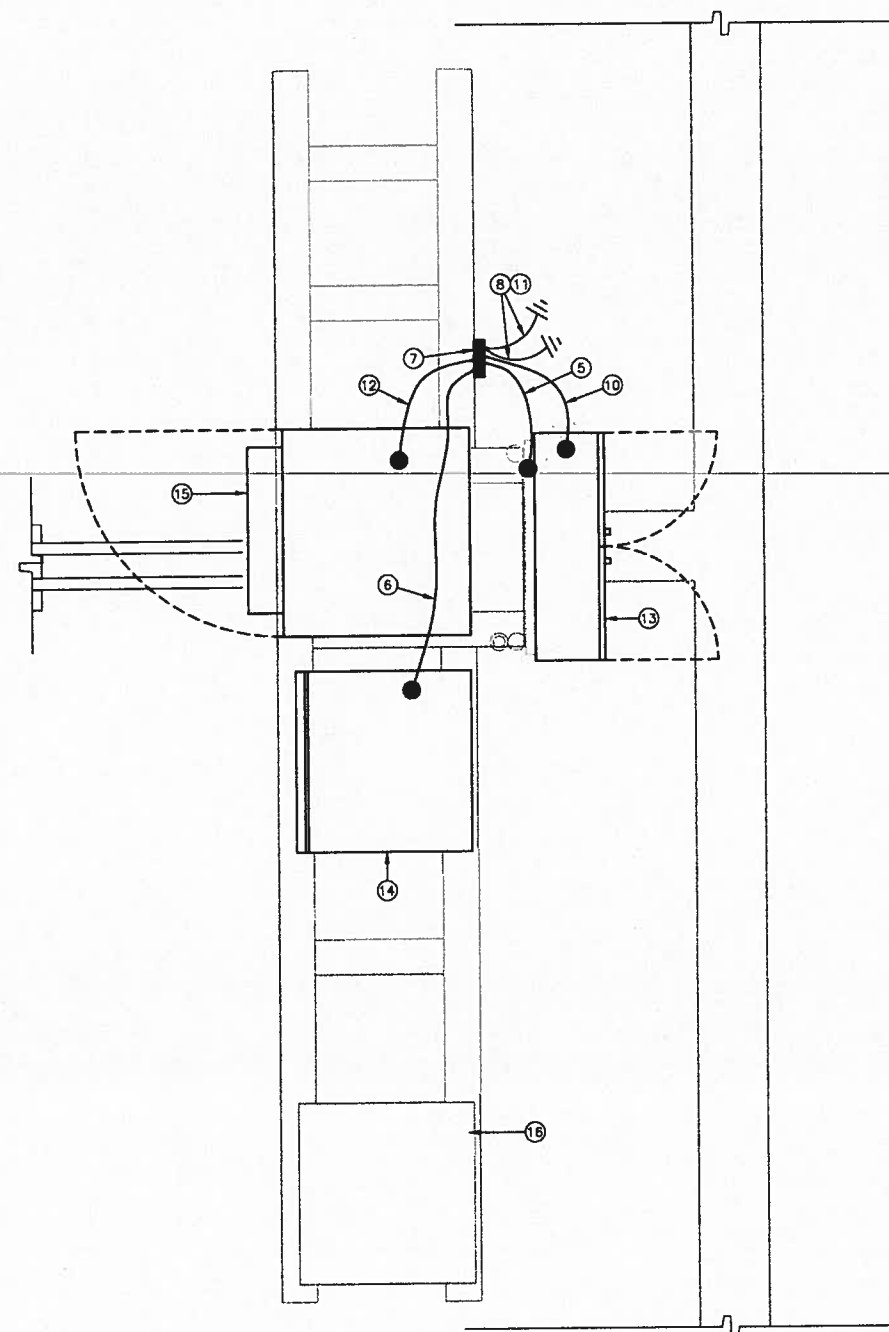
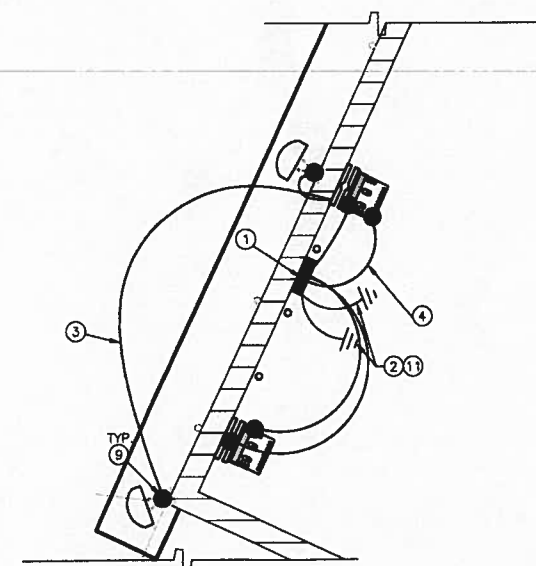
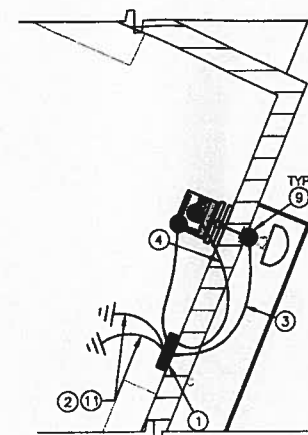
GENERAL GROUNDING NOTES

- ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- GROUND ALL ANTENNA BASES, FRAMES, CABLE RUNS, AND OTHER METALLIC COMPONENTS USING GROUND WIRES AND CONNECT TO SURFACE MOUNTED BUS BARS. FOLLOW ANTENNA AND BTS MANUFACTURERS PRACTICES FOR GROUNDING REQUIREMENTS. GROUND COAX SHIELD AT BOTH ENDS AND EXIT FROM TOWER OR POLE USING MFR'S PRACTICES.
- ALL GROUND CONNECTIONS SHALL BE CADWELDED. ALL WIRES SHALL BE COPPER THHN/THWN. ALL GROUND WIRE SHALL BE GREEN INSULATED WIRE ABOVE GROUND.
- CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE. GROUNDING AND OTHER OPERATIONAL TESTING WILL BE WITNESSED BY SPRINT WIRELESS, LLC. REPRESENTATIVE.
- REFER TO DIVISION 16 GENERAL ELECTRIC: GENERAL ELECTRICAL PROVISION AND COMPLY WITH ALL REQUIREMENTS OF GROUNDING STANDARDS.
- CONTRACTOR TO ABIDE BY ALL ALU / SPRINT SAFETY STANDARDS DURING SITE CONSTRUCTION.
- CONTRACTOR SHALL REFER TO ALU / SPRINT STANDARDS FOR GROUNDING CONNECTIONS & INSTALLATION METHODS.
- ELECTRICAL CONTRACTOR TO PROVIDE DETAILED DESIGN OF GROUNDING SYSTEM, AND RECEIVE APPROVAL OF DESIGN BY AUTHORIZED SPRINT MOBILITY REPRESENTATIVE. PRIOR TO INSTALLATION OF GROUNDING SYSTEM. PHOTO DOCUMENT ALL CADWELDS AND GROUND RING
- NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.

GROUNDING ROD NOTES

(WHERE APPLICABLE)
ELECTRICAL CONTRACTOR SHALL ORDER GROUND RESISTANCE TESTING ONCE THE GROUND SYSTEM HAS BEEN INSTALLED; A QUALIFIED INDIVIDUAL, UTILIZING THE FALL OF POTENTIAL METHOD, SHOULD PERFORM THE TEST. THE REPORT WILL SHOW THE LOCATION OF THE TEST AND CONTAIN NO LESS THAN 9 TEST POINTS ALONG THE TESTING LINE, GRAPHED OUT TO SHOW THE PLATEAU.

2 POINT GROUND TEST OR 3 POINT 62% TESTS WILL NOT BE ACCEPTED AS ALTERNATIVES TO THE AFORE MENTIONED GROUND TESTS. TEST SHALL BE PERFORMED WHILE THE COUNTERPOISE IS ISOLATED FROM THE A/C SYSTEM GRIDS AND (E) COMMUNICATIONS FACILITY.



EQUIPMENT SCHEMATIC GROUNDING PLAN

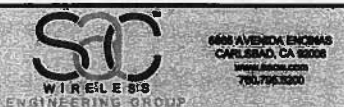
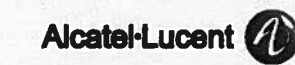
SCALE: 3/4" = 1'-0" (22x34)
(OR) 3/8" = 1'-0" (11x17)

1

ANTENNA SCHEMATIC GROUNDING PLAN

SCALE: 3/8" = 1'-0" (22x34)
(OR) 3/16" = 1'-0" (11x17)

2



PROJECT INFORMATION:

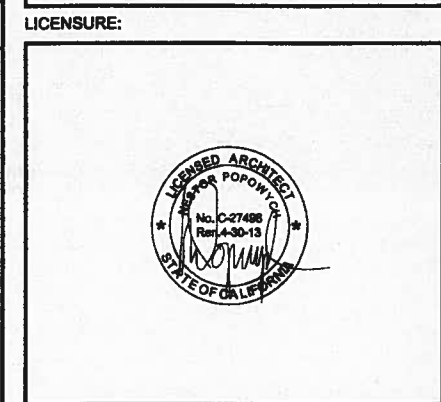
NETWORK VISION MMBTS LAUNCH
AGOURA HILLS
LA03XC200
 28030 DOROTHY DR
 AGOURA HILLS, CA 91301
 AGOURA HILLS

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Δ	10/16/12	CITY COMMENTS	KW

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET



SHEET TITLE:
 GROUNDING DETAILS

SHEET NUMBER: **E-2** REVISION: **Δ**

NOTES:
 EXISTING SINGLE PHASE, 120/240 VAC, 60HZ SERVICE WILL PROVIDE SUFFICIENT POWER REQUIREMENTS FOR NEW PROPOSED SPRINT EQUIPMENT, CABLING & ANTENNA UPGRADES

GC SHALL COORDINATE WITH ELECTRICIAN PRIOR TO START OF CONSTRUCTION; AS NO ADDITIONAL POWER AND TELEPHONE CONDUIT SHALL BE INSTALLED EXCEPT FOR CABLING WITHIN CONDUIT FROM EACH OF (1) NEW BBU TO THE EXISTING POWER CABINET AND FROM THE NEW LUCENT MOD CELL 9928 EQUIPMENT CABINET TO EACH OF (12) RRH UNITS VIA NEW SINGLE HYBRIFLEX FIBER OPTIC CABLING ROUTED FROM THE EXISTING SPRINT EQUIPMENT PLATFORM TO ALL ANTENNA SECTORS

FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO DRAWINGS PROVIDED BY PANEL MANUFACTURER.

ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C., UTILITY COMPANY, AND LOCAL CODE REQUIREMENTS.

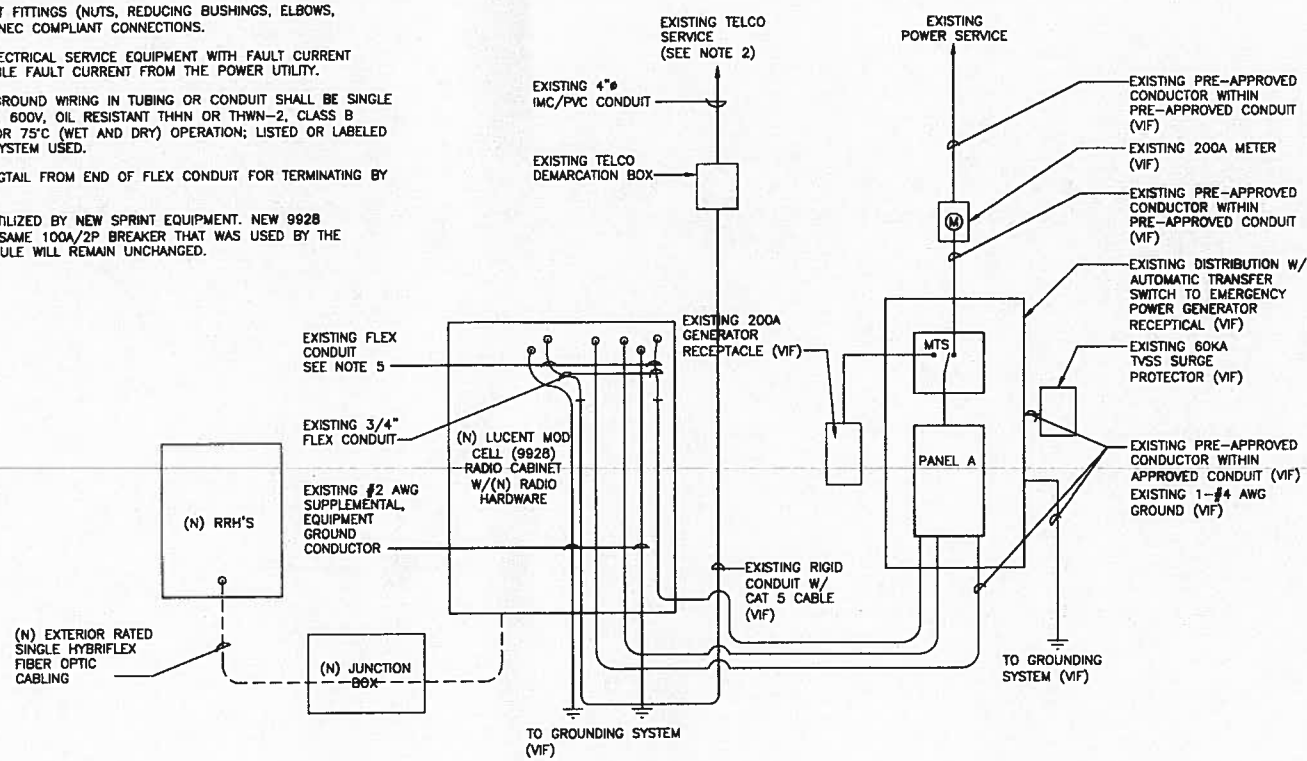
EXISTING CONDUIT WITH ALL CONDUIT FITTINGS (NUTS, REDUCING BUSHINGS, ELBOWS, COUPLINGS, ETC.) NECESSARY FOR NEC COMPLIANT CONNECTIONS.

SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE EQUIPMENT WITH FAULT CURRENT RATINGS GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY.

POWER, CONTROL AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#10 AWG OR LARGER), 600V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 75°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED.

CUT, COIL AND TAPE A 10 FOOT PIGTAIL FROM END OF FLEX CONDUIT FOR TERMINATING BY MANUFACTURER.

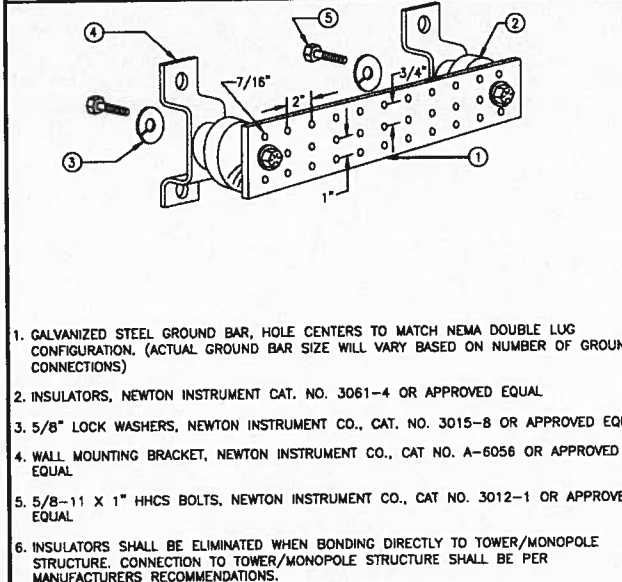
MAIN PANEL IS TO REMAIN & BE UTILIZED BY NEW SPRINT EQUIPMENT. NEW 9928 EQUIPMENT CABINET WILL USE THE SAME 100A/2P BREAKER THAT WAS USED BY THE REMOVED EQUIPMENT. PANEL SCHEDULE WILL REMAIN UNCHANGED.



NOT USED 8

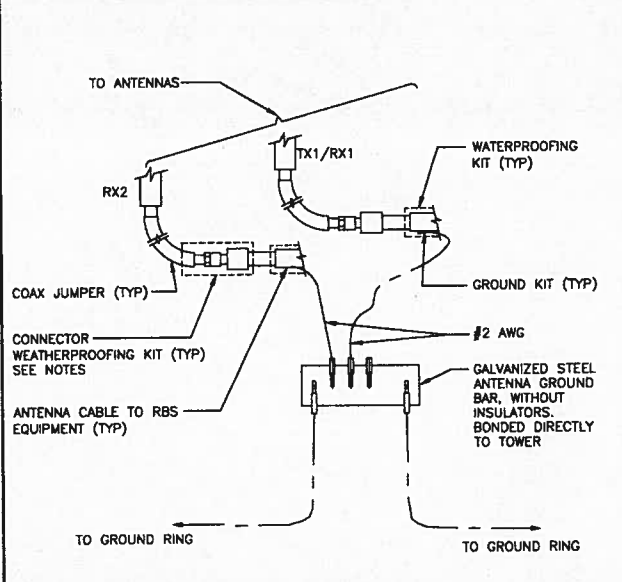
NOT USED 6

ELECTRICAL ONE LINE DIAGRAM

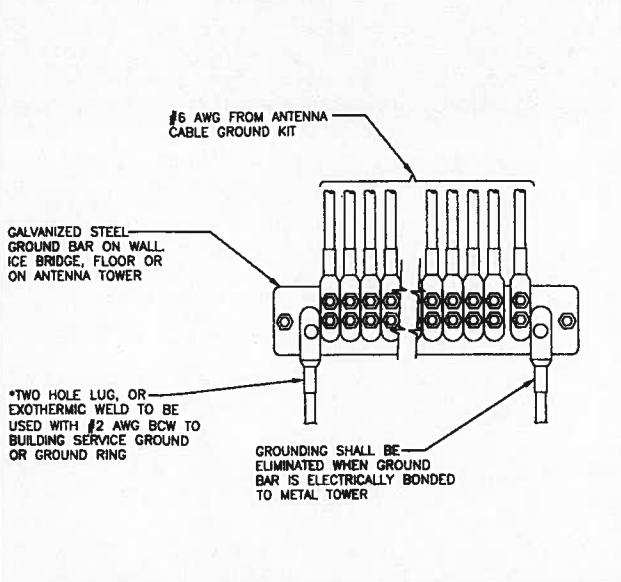


1. GALVANIZED STEEL GROUND BAR, HOLE CENTERS TO MATCH NEMA DOUBLE LUG CONFIGURATION. (ACTUAL GROUND BAR SIZE WILL VARY BASED ON NUMBER OF GROUND CONNECTIONS)
2. INSULATORS, NEWTON INSTRUMENT CAT. NO. 3061-4 OR APPROVED EQUAL
3. 5/8" LOCK WASHERS, NEWTON INSTRUMENT CO., CAT. NO. 3015-8 OR APPROVED EQUAL
4. WALL MOUNTING BRACKET, NEWTON INSTRUMENT CO., CAT NO. A-6056 OR APPROVED EQUAL
5. 5/8-11 X 1" HHCS BOLTS, NEWTON INSTRUMENT CO., CAT NO. 3012-1 OR APPROVED EQUAL
6. INSULATORS SHALL BE ELIMINATED WHEN BONDING DIRECTLY TO TOWER/MONOPOLE STRUCTURE. CONNECTION TO TOWER/MONOPOLE STRUCTURE SHALL BE PER MANUFACTURERS RECOMMENDATIONS.

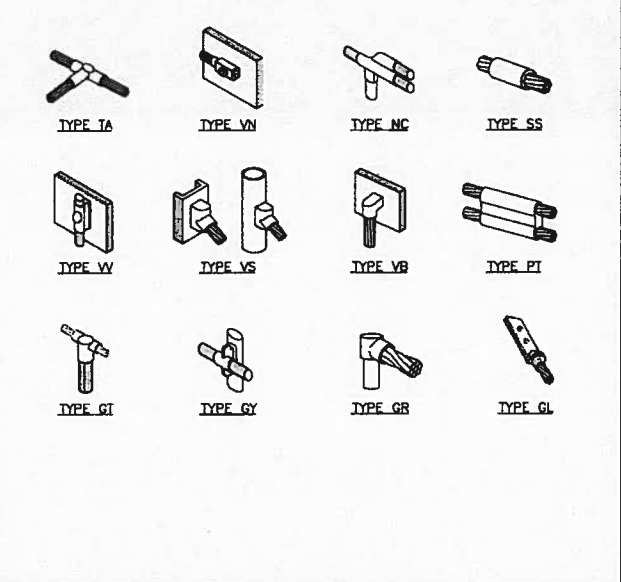
GROUND BAR (IF REQUIRED) 4



GROUND CABLE CONNECTION 3



GROUND WIRE INSTALLATION 2



EXOTHERMIC WELD CONNECTIONS 1

VICINITY MAP - PHOTOSIMULATION VIEWPOINTS

AGOURA HILLS

LA03XC200

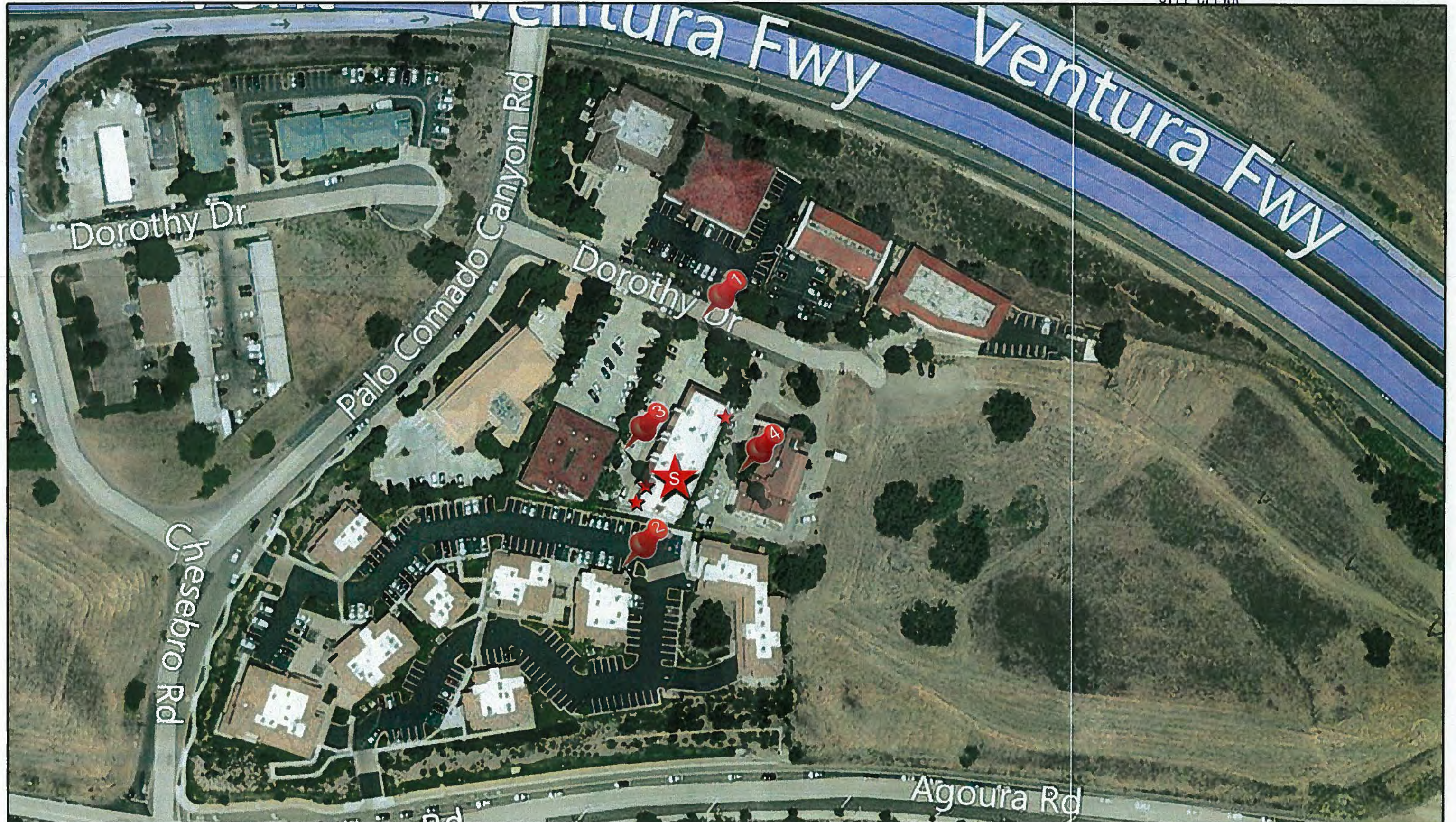
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301



CITY OF AGOURA HILLS

2013 JAN 22 PM 2:03

CITY CLERK



PHOTOSIMULATION VIEWPOINT 1

AGOURA HILLS

LA03XC200

28030 DORTHY DRIVE, AGOURA HILLS, CA 91301



EXISTING

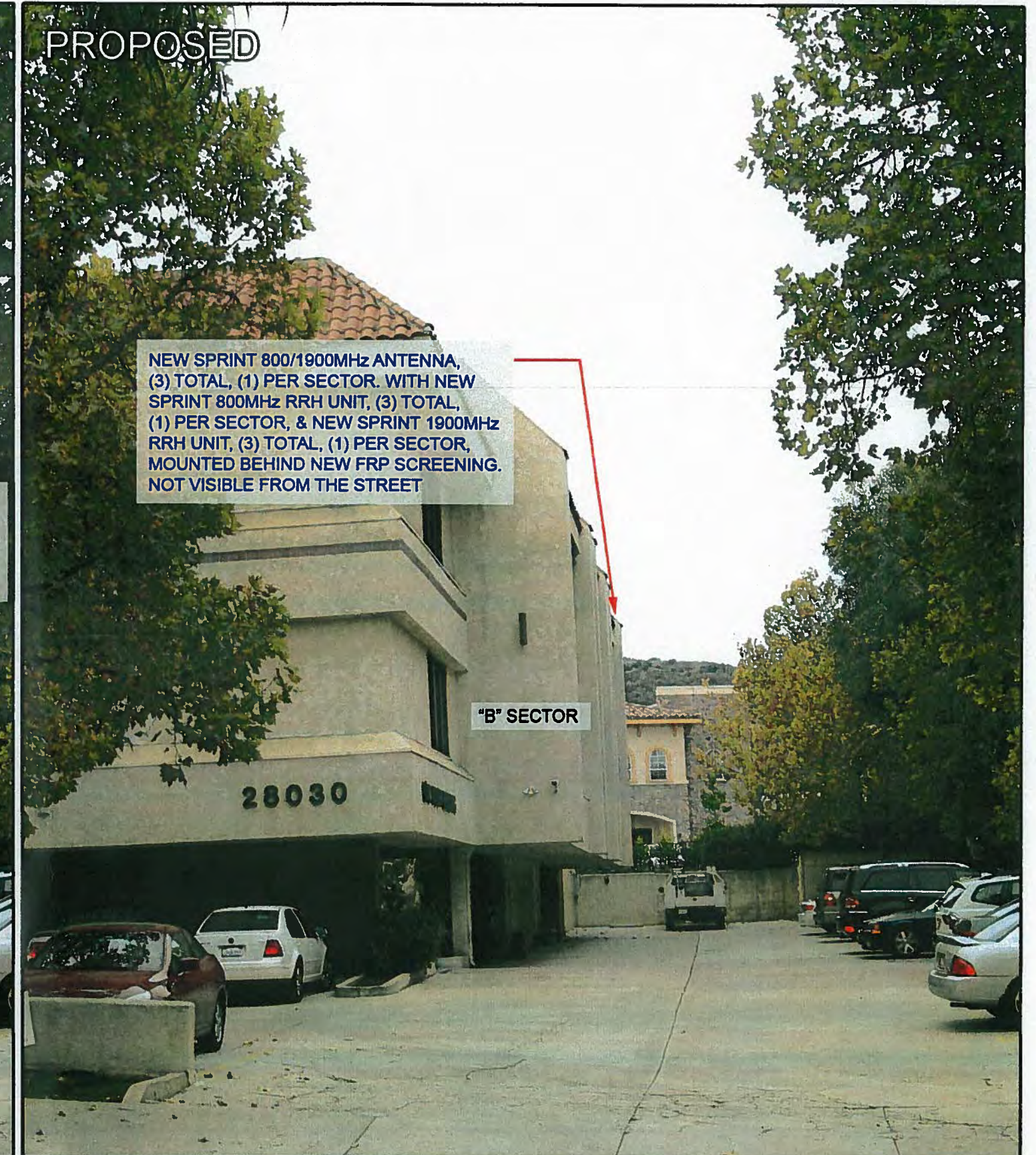


(E) SPRINT WIRELESS CDMA ANTENNAS, (4) TOTAL, (2) IN SECTOR "B", (1) IN SECTORS "A" & "C" TO BE REMOVED. NOT VISIBLE FROM THE STREET

"B" SECTOR

28030

PROPOSED



NEW SPRINT 800/1900MHz ANTENNA, (3) TOTAL, (1) PER SECTOR. WITH NEW SPRINT 800MHz RRH UNIT, (3) TOTAL, (1) PER SECTOR, & NEW SPRINT 1900MHz RRH UNIT, (3) TOTAL, (1) PER SECTOR, MOUNTED BEHIND NEW FRP SCREENING. NOT VISIBLE FROM THE STREET

"B" SECTOR

28030

PHOTOSIMULATION VIEWPOINT 2

AGOORA HILLS
LA03XC200
28030 DORTHY DRIVE, AGOURA HILLS, CA 91301



SAC
WIRELESS
ENGINEERING GROUP
5885 AVENIDA ENCINAS
CARLSBAD, CA 92008
OFFICE: (760) 795-5200

EXISTING

(E) SPRINT WIRELESS CDMA ANTENNAS, (4) TOTAL, (2) IN SECTOR "B", (1) IN SECTORS "A" & "C" TO BE REMOVED. NOT VISIBLE FROM THE STREET

"C" SECTOR

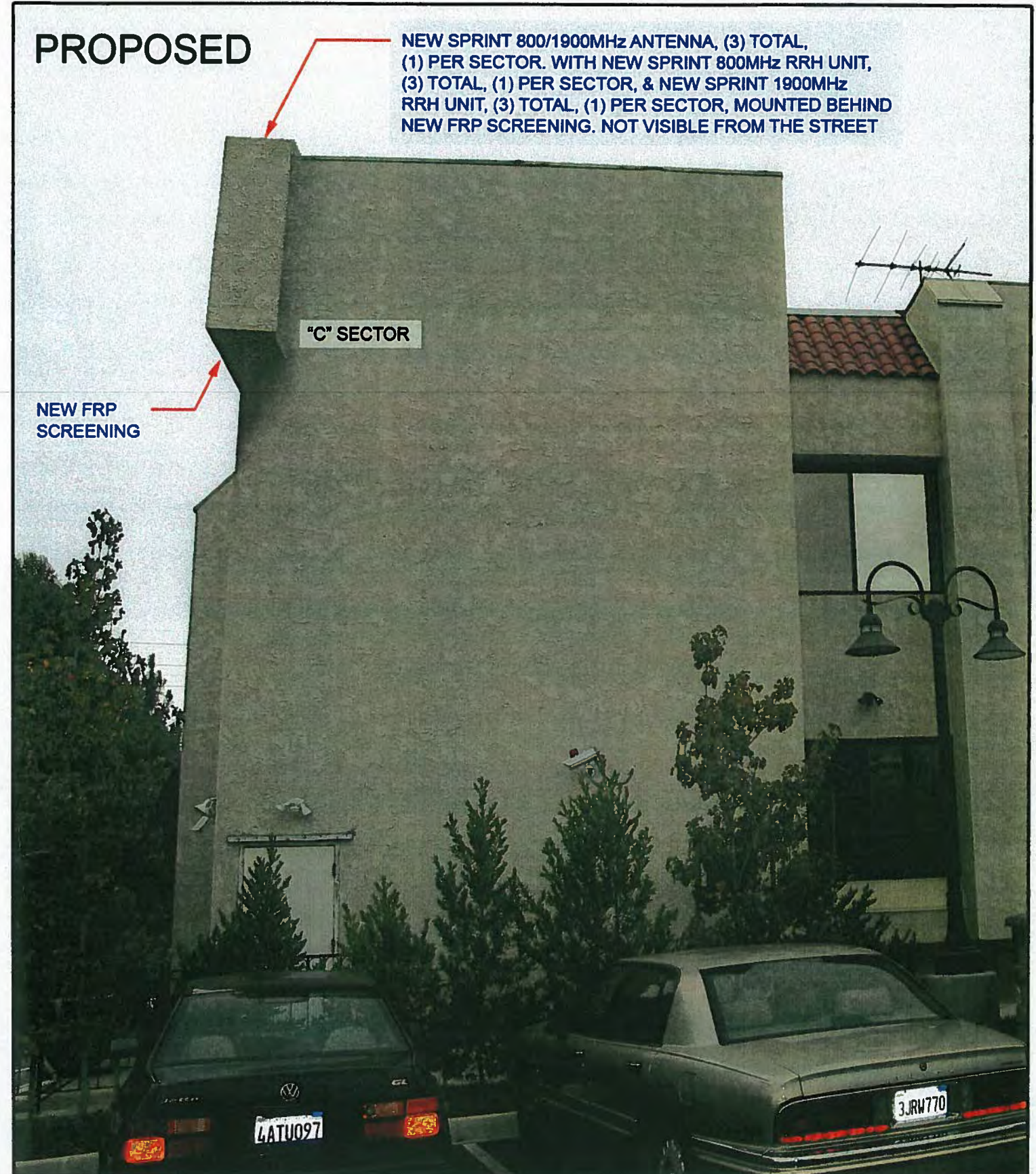


PROPOSED

NEW SPRINT 800/1900MHz ANTENNA, (3) TOTAL, (1) PER SECTOR. WITH NEW SPRINT 800MHz RRH UNIT, (3) TOTAL, (1) PER SECTOR, & NEW SPRINT 1900MHz RRH UNIT, (3) TOTAL, (1) PER SECTOR, MOUNTED BEHIND NEW FRP SCREENING. NOT VISIBLE FROM THE STREET

NEW FRP SCREENING

"C" SECTOR



PHOTOSIMULATION VIEWPOINT 3

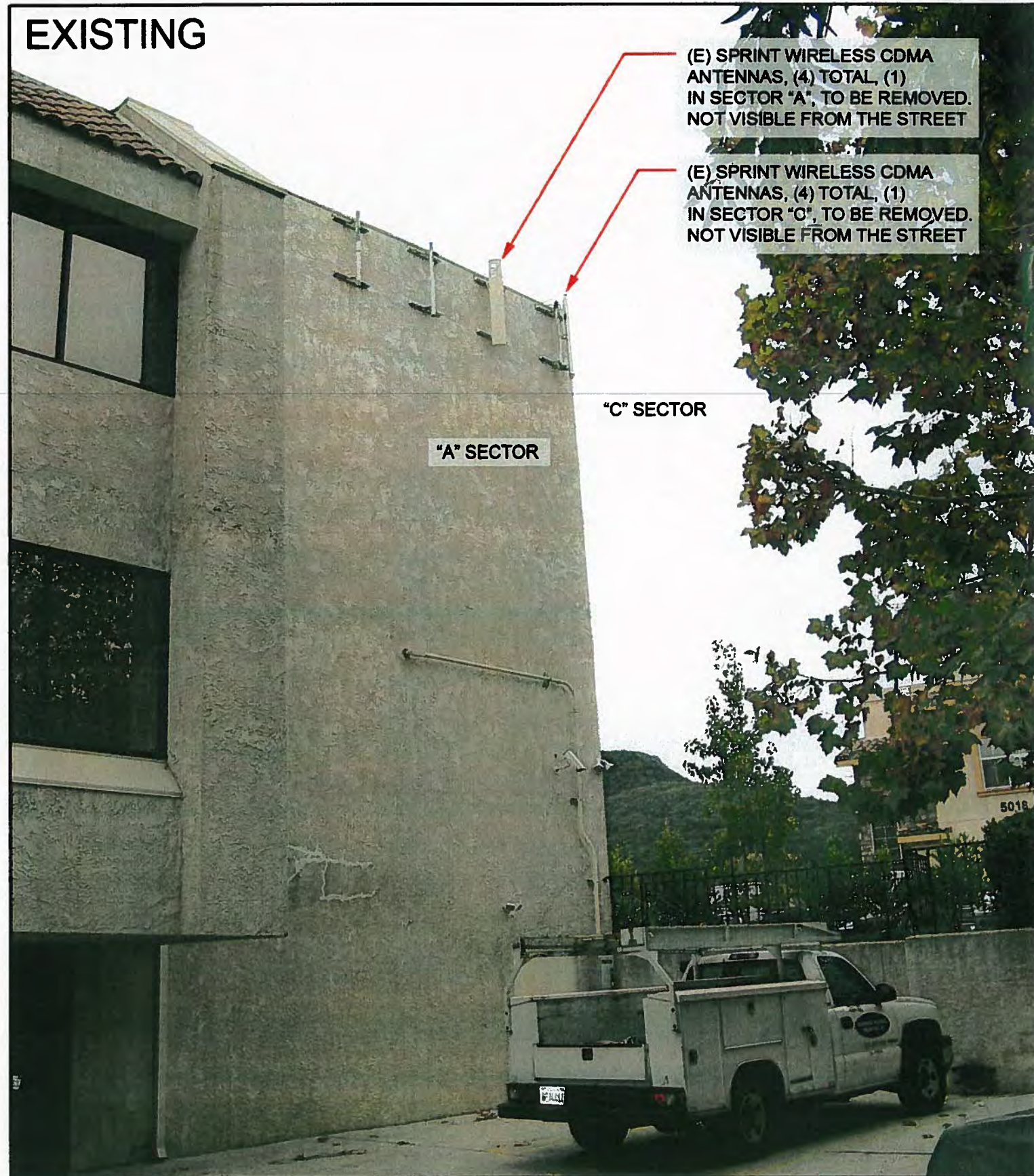
AGOORA HILLS

LA03XC200

28030 DORTHY DRIVE, AGOURA HILLS, CA 91301



EXISTING



PROPOSED



PHOTOSIMULATION VIEWPOINT 4

AGOORA HILLS

LA03XC200

28030 DORTHY DRIVE, AGOORA HILLS, CA 91301



EXISTING



PROPOSED

