



THE CITY OF SAN DIEGO

## Report to the Hearing Officer

DATE ISSUED: March 13, 2024 REPORT NO. HO-24-009

HEARING DATE: March 20, 2024

SUBJECT: AT&T MOBILITY COMMUNITY CONGREGATIONAL CHURCH, Process Three Decision

PROJECT NUMBER: [1081156](#)

OWNER/APPLICANT: COMMUNITY CONGREGATIONAL CHURCH, OWNER & AT&T MOBILITY, PERMITTEE

### SUMMARY

Issue: Should the Hearing officer approve the continued use and modification of an existing Wireless Communication Facility (WCF) located at 2088 Beryl Street within the Pacific Beach Community Area?

### Proposed Actions:

1. APPROVE Conditional Use Permit (CUP) No. 3200925; and
2. APPROVE Neighborhood Development Permit (NDP) No. 3267836

Fiscal Considerations: None with this action. All costs associated with the processing of this project are paid from a deposit account maintained by the applicant.

Code Enforcement Impact: None with this action.

Housing Impact Statement: None with this action.

Community Planning Group Recommendation: On November 8, 2023, the Pacific Beach Community Planning Group voted 7-0-0 to approve the project with no conditions. (Attachment 9)

### BACKGROUND

The project is a request for the continued use of an existing (WCF) with modification. The site is located at 2088 Beryl Street in the RM-1-1 Zone of the Pacific Beach Community. The site is

developed with a building for the use of Community Congregational Church. The initial project was approved by the Planning Commission in October of 2011 and the permit has expired. A ten-year expiration was added to the permit for upgrade in technology, design and any changes to development regulations. AT&T modification includes removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), removal of three antennas inside a canister on a 30-foot-tall light pole; and replace it with a 30-foot-tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment to remain inside an existing 463.24 square-foot enclosure on the ground. Figure 1 shows existing and proposed faux tree.



Figure 1- Existing and proposed site

## DISCUSSION

### Project Description:

AT&T is requesting a new permit to continue the use of an existing facility with modification. The project is located on the premises of Community Congregational Church, a non-residential use in the residential zone. The sites to the south, north and east are residential Zone, with Kate session elementary school to the east of the project site. (Attachment 1-3) The proposed replacement WCF will be located on a faux mono-eucalyptus tree and the equipment will remain inside an enclosure located in the parking lot. The site is an established WCF that has served the community for over a decade.

WCFs are allowed in the residential zone with approval of a CUP, pursuant to SDMC Section [141.0420 \(c\)\(1\)\(A\)\(i\)](#), which is a process three decision. An NDP is required pursuant to SDMC Section [126.0402\(m\)](#) for WCF equipment that exceeds the 250-square feet allowed by the development regulations. The existing equipment enclosure for this site is 463.24 square-feet. Processing of this NDP satisfies this requirement.

### Community Plan Analysis:

The Pacific Beach Community Plan defers all WCFs to the WCF Guidelines, regulations, and the General Plan. The City of San Diego General Plan requires all wireless facilities to minimize visual impacts under Urban Design Element ([UD-A.15.a](#)). It also includes the following provisions: A) Conceal wireless facilities in existing structures, when possible, otherwise use camouflage and screening techniques to hide or blend them into the surrounding area. B) Design facilities to be aesthetically pleasing and respectful of the neighborhood context. C) Conceal mechanical equipment and devices associated with wireless facilities in underground vaults or unobtrusive structures.

As part of this modification AT&T places all antennas on a single faux mono-eucalyptus tree, replacing the previous mono-cypress and removing three antennas from a nearby light pole, in order to better integrate all antennas in one location. The mono-eucalyptus tree has more foliage and provides a more natural setting to screen the antennas and blend it with the background, making it visually appealing while concealing the antennas. The equipment is located on the interior portion of the parking lot inside an enclosure screened from the view. (Attachment 7) The modification of this facility will provide continued/increased cellular service to the surrounding residential community including Little Free Library at Session Elementary School and major Freeway-5 east of the site as indicated in the Coverage Map. (Attachment 12).

The Pacific Beach Community Planning Group voted 7-0-0 on November 8, 2023, to approve the project with no conditions. (Attachment 9)

Council Policy [600-43](#) guidelines establish hierarchy from the most preferred location (Preference 1) to the least preferred location (Preference 4) for WCFs. The project is proposed within a Preference 3 location according to Council Policy. The applicant is required to submit a site justification explaining why a Preference 3 site was selected over any lower Preference level sites. The applicant has indicated that this is an established WCF site, previously approved by the Hearing officer over a decade ago, and the continued use of it will ensure continued service to the surrounding community. (Attachment 12)

### Environmental Impact:

This project was determined to be categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15301 (Existing Facilities). This project is not pending an appeal of the environmental determination. The environmental exemption determination for this project was made on January 4, 2024, and the opportunity to appeal that determination ended January 19, 2024. (Attachment 6)

The Telecommunication Act of 1996 preempts local governments from regulating the “placement, construction and modification of wireless communication facilities on the basis of the environmental effects of Radio Frequency (RF) emissions to the extent that such facilities comply with the Federal Communication Commission’s (FCC) standards for such emissions.” The proposed project would be consistent with the FCC’s regulations for wireless facilities. AT&T Mobility has submitted an RF

Report- prepared by EBI Consulting, dated October 11, 2022, demonstrating compliance with the required FCC regulations.

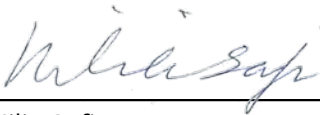
Conclusion:

The project has been determined by staff to be consistent with the purpose and intent of the applicable development regulations of the San Diego Municipal Code Sections [131.0401](#), [141.0420](#), [126.0303](#), and [126.0402 \(m\)](#), the development regulations and the Wireless Communication Facilities Regulations. Therefore, staff recommends Hearing Officer approve CUP No. 3200925 and NDP No. 3267836.

ALTERNATIVES

1. Approve CUP No. 3200925 and NDP No. 3267836, with modifications.
2. Deny CUP No. 3200925 and NDP No. 3267836, if the findings required to approve the project cannot be affirmed.

Respectfully submitted,



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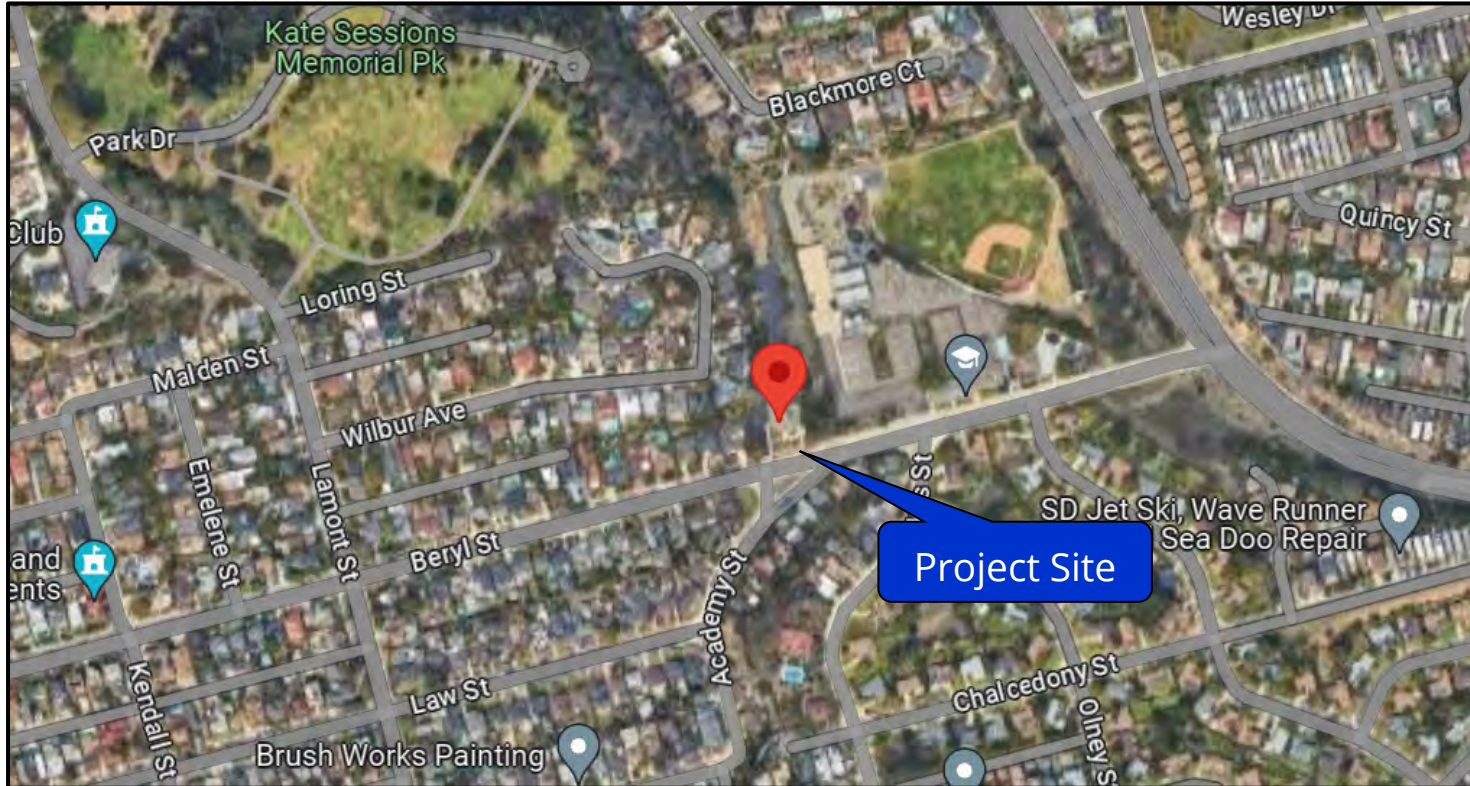
Nilia Safi  
Development Project Manager  
Development Services Department

Attachments:

1. Aerial Photographs
2. Community Plan Land Use Map
3. Project Location Map
4. Draft Permit Resolution with Findings
5. Draft Permit with Findings
6. Environmental Exemption
7. Photo Simulations
8. Photo Survey
9. Community Plan Recommendation
10. Project Plans
11. Ownership Disclosure Form
12. Site Justification/Coverage



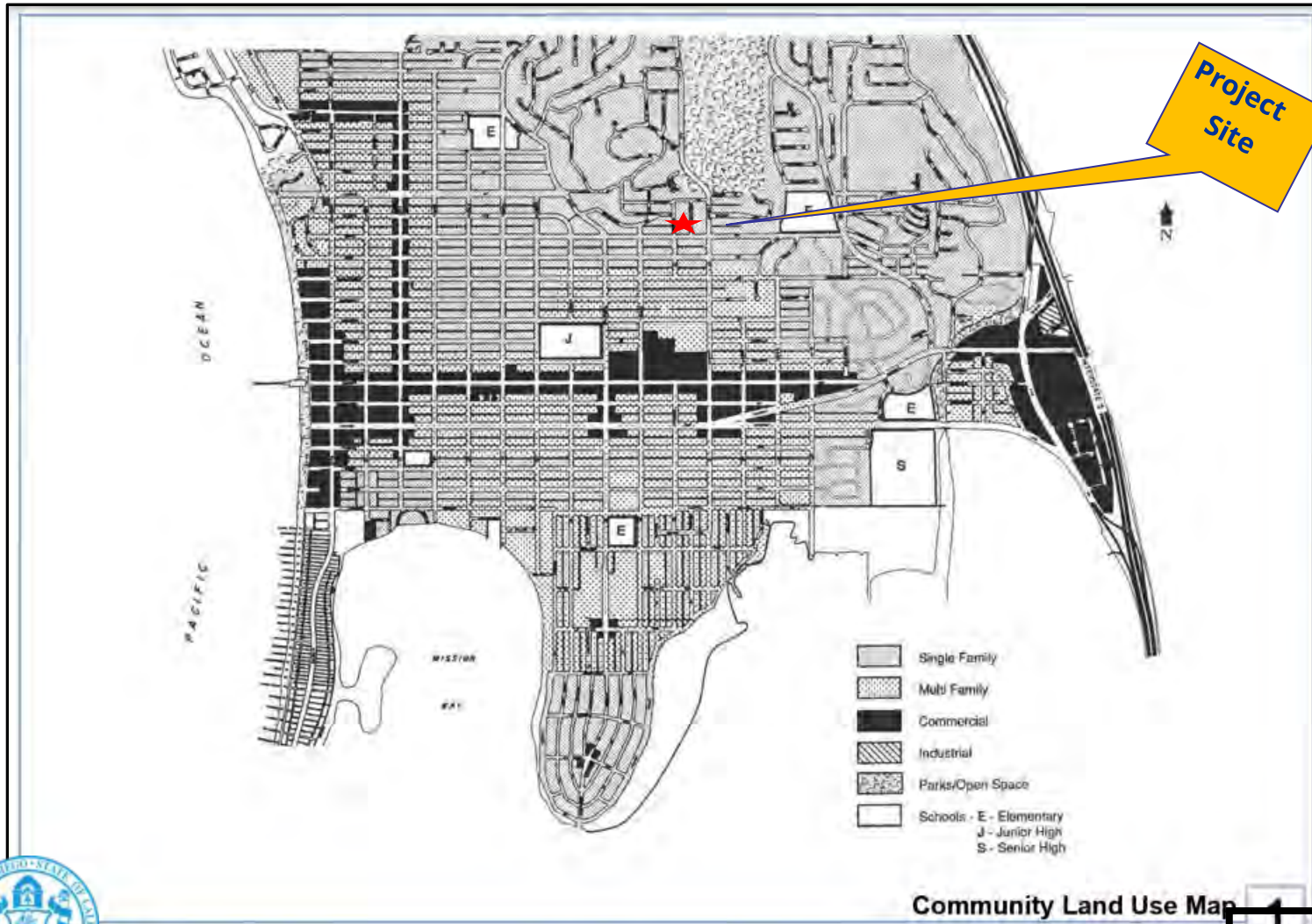
# Aerial Photograph



**AT&T Community Congregational Church CUP Project No. 1081156**  
**2088 Beryl Street**



# Pacific Beach Community Land Use Map



Project Site

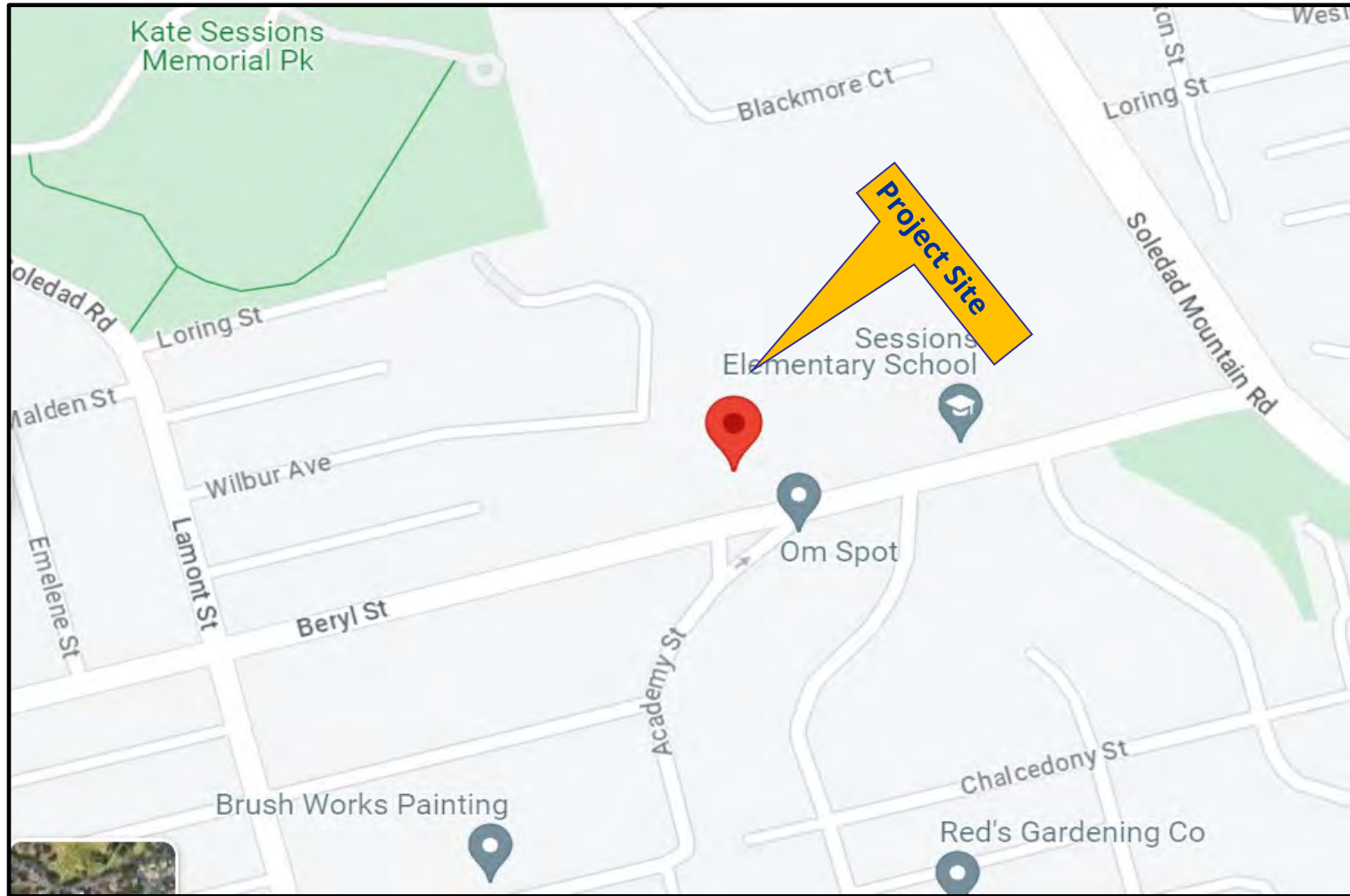


**AT&T Community Congregational Church CUP Project No. 1081156**  
**2088 Beryl Street**

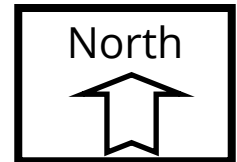




# Project Location Map



**AT&T Community Congregational Church CUP Project No. 1081156**  
**2088 Beryl Street**



HEARING OFFICER  
RESOLUTION NO. xxxx  
CONDITIONAL USE PERMIT PMT-3200925  
NEIGHBORHOOD DEVELOPMENT PERMIT PMT-3267836  
**AT&T MOBILITY COMMUNITY CONGREGATIONAL CHURCH PROJECT NO. 1081156**

WHEREAS, COMMUNITY CONGREGATIONAL CHURCH, Owner and AT&T, Permittee, filed an application with the City of San Diego for a new permit for a Wireless Communication Facility (WCF) (as described in and by reference to the approved Exhibits "A" and corresponding conditions of approval for the associated Conditional Use Permit (CUP) No. 3200925 and Neighborhood Development Permit (NDP) No. 3267836);

WHEREAS, the project site is located at 2088 Beryl Street in the RM-1-1 Zone of the Pacific Beach Community Plan;

WHEREAS, the project site is legally described as Lot 1 of Church in the Vale, in the City of La Jolla, County of San Diego, State of California, per Map No. 5700, filed in the Office of the County Recorder of San Diego County, February 25, 1966;

WHEREAS, on January 2, 2024, the City of San Diego, as Lead Agency, through the Development Services Department, made and issued an Environmental Determination that the project is exempt from the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000 et seq.) under CEQA Guideline Section 15301 (Existing Facilities) and there was no appeal of the Environmental Determination filed within the time period provided by San Diego Municipal Code Section 112.0520;

WHEREAS, on March 20, 2024, the Hearing Officer of the City of San Diego considered CUP No. 3200925 and NDP No. 3267836 pursuant to the Land Development Code of the City of San Diego;

BE IT RESOLVED by the Hearing Officer of the City of San Diego, that it adopts the following findings with respect to CUP No. 3200925 and NDP No.3267836:

**A. [CONDITIONAL USE PERMIT [126.0305]**

**1. Findings for all CUPs:**

**a. The proposed development will not adversely affect the applicable land use plan.**

The project is the continued use and modification to an existing (WCF) that includes the removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), the removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment is to remain inside an existing 463.24 square-foot enclosure on the ground. The site is at 2088 Beryl St. in the RM-1-1 Zone of the Pacific Beach Community.

WCFs are allowed, with approval of a CUP, in residential zones within non-residential uses pursuant to SDMC Section [141.420.\(c\)\(1\)\(A\)\(i\)](#) under a process three decision. An NDP is required pursuant to SDMC Section [126.0402\(m\)](#) for WCF equipment that exceeds the 250 square feet allowed by the development regulations. The existing equipment enclosure for this site is 463 square feet. Processing this permit satisfies this requirement.

The Pacific Beach Community Plan defers all WCFs to the WCF Guidelines, regulations, and the General Plan. The City of San Diego General Plan requires all wireless facilities to minimize visual impacts under the Urban Design Element ([UD-A.15.a](#)). It also includes the following provisions: A) Conceal wireless facilities in existing structures, when possible, otherwise use camouflage and screening techniques to hide or blend them into the surrounding area. B) Design facilities to be aesthetically pleasing and respectful of the neighborhood context. C) Conceal mechanical equipment and devices associated with wireless facilities in underground vaults or unobtrusive structures.

In this case, AT&T has placed all antennas on a single faux mono-eucalyptus tree, replacing the previous mono-cypress and removing two antennas from a nearby light pole to integrate all antennas in one location better. The mono-eucalyptus tree has more foliage and provides a more natural setting to screen the antennas. The equipment is located inside an enclosure screened from the view. Therefore, the proposed development will not adversely affect the applicable land use plan.

**b. The proposed development will not be detrimental to the public health, safety, and welfare.**

The project is the continued use and modification to an existing WCF that includes the removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote

Radio Units (RRUs), the removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment is to remain inside an existing 463.24 square-foot enclosure on the ground. The site is at 2088 Beryl St. in the RM-1-1 Zone of the Pacific Beach Community.

The project was determined to be exempt from CEQA pursuant to Section 15301 (Existing Facility). The conditions of approval of the permit for the project will require compliance with several operational constraints and development controls intended to assure continued public health, safety, and welfare.

The Telecommunication Act of 1996 preempts local governments from regulating the “placement, construction and modification of wireless communication facilities on the basis of the environmental effects of Radio Frequency (RF) emissions to the extent that such facilities comply with the Federal Communication Commission’s (FCC) standards for such emissions.” The proposed project would be consistent with the FCC’s regulations for wireless facilities. Dish Wireless has submitted an RF Report- prepared by EBI Consulting, dated October 11, 2022, demonstrating compliance with the required FCC regulations.

Therefore, based on the above, the project would not result in any significant health or safety risks to the surrounding area within matters of City’s jurisdiction and will not be detrimental to the public health, safety, and welfare.

**c. The proposed development will comply with the applicable regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.**

The project is the continued use and modification to an existing WCF that includes the removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), the removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment is to remain inside an existing 463.24 square-foot enclosure on the ground. The site is at 2088 Beryl St. in the RM-1-1 Zone of the Pacific Beach Community.

WCFs are allowed in the residential zone with approval of a CUP, pursuant to SDMC Section [141.0420 \(c\)\(1\)\(A\)\(i\)](#), which is a process three decision. An NDP is required pursuant to SDMC Section [126.0402\(m\)](#) for a WCF equipment that exceeds the 250 square feet, the maximum allowed per the development regulations. The existing equipment enclosure for this site is 463.24 square-foot which exceeds the allowed maximum. This deviation is addressed through processing of an NDP, processing of this permit that satisfies this requirement.

AT&T has placed all antennas on a single faux mono-eucalyptus tree replacing the previous mono-cypress, and removing three antennas from a nearby light pole, in order to better integrate all antennas in one location. The mono-eucalyptus tree has more

foliage and provides a more natural setting to screen the antennas as it blends with the existing trees. The equipment is located on the interior portion of the parking lot inside an enclosure screened from the view. Therefore, the proposed development will comply to the maximum extent feasible with the regulations of the Land Development Code including the allowable deviation described above.

**d. The proposed use is appropriate at the proposed location.**

The project is the continued use and modification to an existing WCF that includes the removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), the removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment is to remain inside an existing 463.24 square-foot enclosure on the ground. The site is at 2088 Beryl St. in the RM-1-1 Zone of the Pacific Beach Community.

[Council Policy 600-43](#) guidelines establish hierarchy from the most preferred location (Preference 1) to the least preferred location (Preference 4) for WCFs. The project is proposed within a Preference 3 location which is a nonresidential use within a residential zone. AT&T is requesting a permit for the continued use of an existing facility with modification to upgrade to new technology. The original permit was approved by the Planning Commission in October of 2011. This site, a preference 3 location (non-residential use within a residential zone), has been serving the community over the past decade. The modification of this facility will provide increased cellular service to the surrounding residential community including Little Free Library, Session Elementary School and major Freeway-5 east of the site as indicated in the Coverage Map. (Attachment 12).

Lastly, in addition to the Council Policy, the project is consistent with the City adopted [WCF Design Guidelines](#), and [SDMC Section 141.0420 \(d\) and \(e\)](#), the project is appropriately designed and integrated with the existing use of the site. Therefore, staff has determined that the proposed WCF use is appropriate at the proposed location based on the justification report, coverage map, and the overall design of the WCF.

**B. [NEIGHBORHOOD DEVELOPMENT PERMIT [126.0404]**

**(1) Findings for all Neighborhood Development Permits**

**(a) The proposed development will not adversely affect the applicable land use plan;**

See Section A.1.a

**(b) The proposed development will not be detrimental to the public health, safety, and welfare; and**

See Section A.1.b



**(c) The proposed development will comply with the applicable regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.**

The project is the continued use and modification to an existing (WCF) that includes the removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), the removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs. The equipment is to remain inside an existing 463.24 square-foot enclosure on the ground. The site is at 2088 Beryl St. in the RM-1-1 Zone of the Pacific Beach Community.

An NDP is required pursuant to SDMC [Section 126.0402\(m\)](#) for WCF equipment that exceeds the 250-square feet allowed by the development regulations. The existing equipment enclosure for this site is 463 square-feet. Processing this permit satisfies this requirement. The proposed deviation in the size of the equipment is necessary as part of the WCF to support the antennas and to provide service. The equipment enclosure is screened inside an enclosure and does not cause any visual impact. Therefore, the proposed deviation is appropriate at this location, and it will comply with the applicable regulations of the Land Development Code including any allowable deviations pursuant to the Land Development Code.

The above findings are supported by the minutes, maps and exhibits, all of which are incorporated herein by this reference.

BE IT FURTHER RESOLVED that, based on the findings hereinbefore adopted by the Hearing Officer, CUP PMT-3200925 and NDP PMT-3267836 is hereby GRANTED by the Hearing Officer to the referenced Owner/Permittee, in the form, exhibits, terms and conditions as set forth in Permits PMT-3200925 and PMT-3267836, a copy of which is attached hereto and made a part hereof.

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Nilia Safi  
Development Project Manager  
Development Services

Adopted on: March 20, 2024

IO#: 11003679

**RECORDING REQUESTED BY**  
CITY OF SAN DIEGO  
DEVELOPMENT SERVICES  
PERMIT INTAKE, MAIL STATION  
501

**WHEN RECORDED MAIL TO**  
**PROJECT MANAGEMENT**  
**PERMIT CLERK**  
**MAIL STATION 501**

INTERNAL ORDER NUMBER: 11003679

SPACE ABOVE THIS LINE FOR RECORDER'S USE

CONDITIONAL USE PERMIT No. 3200925  
NEIGHBORHOOD DEVELOPMENT PERMIT No. 3267836  
**AT&T MOBILITY COMMUNITY CONGREGATIONAL CHURCH PROJECT NO. 1081156**  
HEARING OFFICER

This Conditional Use Permit (CUP) No. 3200925 and Neighborhood Development Permit (NDP) No. 3267836 is granted by the Hearing Officer of the City of San Diego to Community Congregational Church, Owner, and AT&T, Permittee, pursuant to San Diego Municipal Code [SDMC] sections [131.0401](#), [141.0420](#), [126.0303](#) and [126.0402 \(m\)](#). The site is located at 2088 Beryl Street in the RM-1-1 Zone within the Pacific Beach Community Plan. The project site is legally described as: Lot 1 of Church in the Vale, in the City of La Jolla, County of San Diego, State of California, per Map No. 5700, filed in the Office of the County Recorder of San Diego County, February 25, 1966.

Subject to the terms and conditions set forth in this Permit, permission is granted to Owner and Permittee for a Wireless Communication Facility (WCF) as described and identified by size, dimension, quantity, type, and location on the approved exhibits [Exhibit "A"] dated March 20, 2024, on file in the Development Services Department.

The project shall include:

- a. Continued use and modification to an existing (WCF) that includes removal of a 30-foot-tall mono-cypress faux tree supporting six antennas and six Remote Radio Units (RRUs), removal of three antennas inside a canister on a 30-foot-tall light pole and replace it with a 30-foot tall mono-eucalyptus faux tree supporting 12 antennas and nine RRUs.
- b. Equipment enclosure to remain inside an existing 463.24 square feet enclosure on the ground.
- c. Public and private accessory improvements determined by the Development Services Department to be consistent with the land use and development standards for this site in accordance with the adopted community plan, the California Environmental Quality Act [CEQA] and the CEQA Guidelines, the City Engineer's requirements, zoning regulations, conditions of this Permit, and any other applicable regulations of the SDMC.

**STANDARD REQUIREMENTS:**

1. This permit must be utilized within thirty-six (36) months after the date on which all rights of appeal have expired. If this permit is not utilized in accordance with Chapter 12, Article 6, Division 1 of the SDMC within the 36-month period, this permit shall be void unless an Extension of Time has been granted. Any such Extension of Time must meet all SDMC requirements and applicable guidelines in effect at the time the extension is considered by the appropriate decision maker. This permit must be utilized by April 3, 2027.
2. No permit for the construction, occupancy, or operation of any facility or improvement described herein shall be granted, nor shall any activity authorized by this Permit be conducted on the premises until:
  - a. The Owner/Permittee signs and returns the Permit to the Development Services Department; and
  - b. The Permit is recorded in the Office of the San Diego County Recorder.
3. This CUP & NDP and corresponding use of this site shall expire on **March 20, 2034**. Upon expiration of this Permit, the facilities and improvements described herein shall be removed from this site and the property shall be restored to its original condition preceding approval of this Permit.
4. While this Permit is in effect, the subject property shall be used only for the purposes and under the terms and conditions set forth in this Permit unless otherwise authorized by the appropriate City decision maker.
5. This Permit is a covenant running with the subject property and all of the requirements and conditions of this Permit and related documents shall be binding upon the Owner/Permittee and any successor(s) in interest.
6. The continued use of this Permit shall be subject to the regulations of this and any other applicable governmental agency.
7. Issuance of this Permit by the City of San Diego does not authorize the Owner/Permittee for this Permit to violate any Federal, State or City laws, ordinances, regulations or policies including, but not limited to, the Endangered Species Act of 1973 [ESA] and any amendments thereto (16 U.S.C. § 1531 et seq.).
8. The Owner/Permittee shall secure all necessary building permits. The Owner/Permittee is informed that to secure these permits, substantial building modifications and site improvements may be required to comply with applicable building, fire, mechanical, and plumbing codes, and State and Federal disability access laws.

9. Construction plans shall be in substantial conformity to Exhibit "A." Changes, modifications, or alterations to the construction plans are prohibited unless appropriate application(s) or amendment(s) to this Permit have been granted.

10. All of the conditions contained in this Permit have been considered and were determined necessary to make the findings required for approval of this Permit. The Permit holder is required to comply with each and every condition in order to maintain the entitlements that are granted by this Permit.

If any condition of this Permit, on a legal challenge by the Owner/Permittee of this Permit, is found or held by a court of competent jurisdiction to be invalid, unenforceable, or unreasonable, this Permit shall be void. However, in such an event, the Owner/Permittee shall have the right, by paying applicable processing fees, to bring a request for a new permit without the "invalid" condition(s) back to the discretionary body which approved the Permit for a determination by that body as to whether all of the findings necessary for the issuance of the proposed permit can still be made in the absence of the "invalid" condition(s). Such hearing shall be a hearing de novo, and the discretionary body shall have the absolute right to approve, disapprove, or modify the proposed permit and the condition(s) contained therein.

11. The Owner/Permittee shall defend, indemnify, and hold harmless the City, its agents, officers, and employees from any and all claims, actions, proceedings, damages, judgments, or costs, including attorney's fees, against the City or its agents, officers, or employees, relating to the issuance of this permit including, but not limited to, any action to attack, set aside, void, challenge, or annul this development approval and any environmental document or decision. The City will promptly notify Owner/Permittee of any claim, action, or proceeding and, if the City should fail to cooperate fully in the defense, the Owner/Permittee shall not thereafter be responsible to defend, indemnify, and hold harmless the City or its agents, officers, and employees. The City may elect to conduct its own defense, participate in its own defense, or obtain independent legal counsel in defense of any claim related to this indemnification. In the event of such election, Owner/Permittee shall pay all of the costs related thereto, including without limitation reasonable attorney's fees and costs. In the event of a disagreement between the City and Owner/Permittee regarding litigation issues, the City shall have the authority to control the litigation and make litigation related decisions, including, but not limited to, settlement or other disposition of the matter. However, the Owner/Permittee shall not be required to pay or perform any settlement unless such settlement is approved by Owner/Permittee.

12. No later than ninety (90) days prior to the expiration of this approval, the Permittees may submit a new application to the Development Services Department for consideration with review and a decision by the appropriate decision maker at that time. Failure to submit prior to the deadline will be cause for enforcement for noncompliance, which may include penalties and fines.

13. Under no circumstances, does approval of this permit authorize the Owner/Permittee to utilize this site for WCF purposes beyond the permit expiration date. Use of this permit approval beyond the expiration date of this permit is prohibited.

**ENGINEERING REQUIREMENTS:**

14. Prior to the issuance of any construction permit the Owner/Permittee shall submit a Water Pollution Control Plan (WPCP). The WPCP shall be prepared in accordance with the guidelines in Part 2 Construction BMP Standards Chapter 4 of the City's Storm Water Standards.

**LANDSCAPE REQUIREMENTS:**

15. The Owner/Permittee shall be responsible for the maintenance of all landscape improvements shown on the approved plans, including in the right-of-way, unless long-term maintenance of said landscaping will be the responsibility of another entity approved by the Development Services Department. All required landscape shall be maintained consistent with the Landscape Standards in a disease, weed, and litter free condition at all times. Severe pruning or "topping" of trees is not permitted.

16. If any required landscape (including existing or new plantings, hardscape, landscape features, etc.) indicated on the approved construction documents is damaged or removed, the Owner/Permittee shall repair and/or replace in kind and equivalent size per the approved documents to the satisfaction of the Development Services Department within 30 days of damage or Certificate of Occupancy.

**PLANNING/DESIGN REQUIREMENTS:**

17. Every aspect of this project is considered an element of concealment including but not limited to the dimensions, bulk and scale, color, materials and texture. Any future modifications to this permit must not defeat concealment.

18. The WCF shall conform to the approved construction plans.

19. Photo simulations shall be printed in color on the construction plans.

20. The City may require the Owner/Permittee to provide a topographical survey conforming to the provisions of the SDMC may be required if the City determines during construction, that there may be a conflict between the building(s) under construction and a condition of this Permit or a regulation of the underlying zone. The cost of any such survey shall be borne by the Owner/Permittee.

21. The Owner/Permittee shall install and maintain appropriate warning signage on the WCF as required by State and Federal regulations. The Owner/Permittee shall be responsible for complying with all State and Federal regulations.

22. The accuracy and validity of the RF Compliance Report, submitted by the Permittee, shall be assured while the WCF is in operation. If requested by the City, Owner/Permittee shall provide an updated RF Compliance Report to address any issues associated with the emitting components of the WCF.

23. All equipment, including transformers, emergency generators and air conditioners belonging to the Owner/Permittee shall be designed and operated consistent with the City noise ordinance. Ventilation openings shall be baffled and directed away from residential areas. The vibration resonance of operating equipment in the equipment enclosures shall be eliminated.

24. All facilities and related equipment shall be maintained in good working order. Any damaged equipment shall be repaired or replaced within thirty (30) calendar days of notification by the City of San Diego.

25. The Owner/Permittee shall notify the City within 30 days of the sale or transfer of this site to any other provider or if the site is no longer operational, in which case, the removal and restoration of this site to its original condition is required.

26. All private outdoor lighting shall be shaded and adjusted to fall on the same premises where such lights are located and in accordance with the applicable regulations in the SDMC.

27. All proposed hand-holes shall be covered with bark material to match the mono-eucalyptus trunk to the satisfaction of the Development Services Department.

28. All coaxial conduits shall be routed up through the caisson and into the tree to the satisfaction of the Development Services Department. "Doghouse" cable housings are not permitted.

29. All branches at the antenna level shall extend a minimum of 24 inches beyond the entire vertical face of the proposed antennas to the satisfaction of the Development Services Department.

30. Starting branch height shall be no lower than 10 feet, as illustrated on the stamped, approved Exhibit "A."

All exposed cables, brackets, and supports shall be painted to match the faux tree foliage to the satisfaction of the Development Services Department.

31. RF socks fully covering the front, back, and sides of the antennas (and any other components) shall be used.

32. A minimum of four branches per foot for full density coverage with limited spacing between the branches, unless 3D models justify lower branch counts.

33. There should be no gaps in branch coverage. All branch ports should be used for branches. Branches should blend down the tree with no abrupt transitions.

34. No exposed mounting apparatus may remain.

35. Use 90-degree connectors to eliminate large looping cables from the antennas' bottom.

36. Any changes to branches will require a building permit and should appear on the scope of work of any plans submitted. Faux vegetation should not be rebranched without a permit, even if no other work exists.

**INFORMATION ONLY:**

- Please note that a Telecom Planning Inspection Issue will be placed on the project prior to Final Clearance from the City's Building Inspector to ensure compliance with the approved plans and associated conditions. Prior to calling for your Final Inspection from your building inspection official, please contact the Development Services Department Wireless Communication Facilities staff listed on City webpage, <https://www.sandiego.gov/development-services/codes-regulations/wireless-communication-facilities>, to schedule an inspection of the completed facility. Please schedule this administrative inspection at least five working days ahead of the requested Final Inspection date.
- The issuance of this discretionary permit alone does not allow the immediate commencement or continued operation of the proposed use on site. Any operation allowed by this discretionary permit may only begin or recommence after all conditions listed on this permit are fully completed and all required ministerial permits have been issued and received final inspection.
- Any party on whom fees, dedications, reservations, or other exactions have been imposed as conditions of approval of this Permit, may protest the imposition within ninety days of the approval of this development permit by filing a written protest with the City Clerk pursuant to California Government Code-section 66020.
- This development may be subject to impact fees at the time of construction permit issuance.

APPROVED by the Hearing Officer of the City of San Diego on March 20, 2024, and Approved Resolution Number XXXX.



**ATTACHMENT 5**

Permit Type/PTS Approval No.: CUP/PMT-3200925

NDP/PMT-3267836

Date of Approval: March 20, 2024

AUTHENTICATED BY THE CITY OF SAN DIEGO DEVELOPMENT SERVICES DEPARTMENT

\_\_\_\_\_  
Nilia Safi  
Development Project Manager

**NOTE: Notary acknowledgment must be attached per Civil Code section 1189 et seq.**

\_\_\_\_\_  
**The undersigned Owner/Permittee**, by execution hereof, agrees to each and every condition of this Permit and promises to perform each and every obligation of Owner/Permittee hereunder.

**Community Congregational Church**  
Owner

By \_\_\_\_\_  
NAME  
TITLE

**AT&T Mobility**  
Permittee

By \_\_\_\_\_  
NAME  
TITLE

**NOTE: Notary acknowledgments must be attached per Civil Code section 1189 et seq.**



THE CITY OF SAN DIEGO

Date of Notice: January 2, 2024

# NOTICE OF RIGHT TO APPEAL ENVIRONMENTAL DETERMINATION DEVELOPMENT SERVICES DEPARTMENT

SAP or I.O. No. 11004545

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**PROJECT NAME / NUMBER:** Beryl Street Wireless Communication Facility/1081156

**COMMUNITY PLAN AREA:** Pacific Beach

**COUNCIL DISTRICT:** 2

**LOCATION:** 2088 Beryl Street San Diego, CA 92109

**PROJECT DESCRIPTION:** Conditional Use Permit (CUP) to remove (1) monocyprress tree, (1) cannister, (9) antennas (3), (6) radio remote units (RRU), (11) tower mounted amplifiers and (12) batteries and install (12) antennas, (9) RRU's, and (1) battery cabinet containing (24) batteries on a new monoecalyptus tree. The property is located at 2088 Beryl Street in the residential RM1-1 zone of the Pacific Beach Community Planning area, and Council District 2. The WCF is unmanned and is not for human habitation.

**ENTITY CONSIDERING PROJECT APPROVAL:** City of San Diego Hearing Officer

**ENVIRONMENTAL DETERMINATION:** Categorically exempt from CEQA pursuant to CEQA State Guidelines, Section 15301 (Existing Facilities).

**ENTITY MAKING ENVIRONMENTAL DETERMINATION:** City of San Diego, Development Services Department

**STATEMENT SUPPORTING REASON FOR ENVIRONMENTAL DETERMINATION** The City of San Diego conducted an environmental review and determined that the project would qualify to be categorically exempt from CEQA pursuant to Section 15301 (Existing Facilities). Section 15301 Section allows for the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing facilities (public or private), involving negligible or no expansion of use beyond that existing at the time of the determination. Since the project would involve negligible expansion with the removal of existing WCF equipment and installation of new equipment, the exemption was deemed appropriate and no environmental impacts would occur. None of the exceptions described in CEQA Guidelines Section 15300.2 apply.

**DEVELOPMENT PROJECT MANAGER:** Nilia Safi  
**MAILING ADDRESS:** 1222 First Avenue, MS 501, San Diego, CA 92101-4153  
**PHONE NUMBER / EMAIL:** (619) 446-5236/ [nsafi@sanidiego.gov](mailto:nsafi@sanidiego.gov)

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On January 2, 2024 the City of San Diego made the above-referenced environmental determination pursuant to the California Environmental Quality Act (CEQA). This determination is appealable to the City Council. If you have any questions about this determination, contact the City Development Project Manager listed above.

Applications to appeal CEQA determination made by staff (including the City Manager) to the City Council must be filed in the office of the City Clerk by 5:00pm within 10 business days from the date of the posting of this Notice (January 17, 2024). Appeals to the City Clerk must be filed by email or in-person as follows:

- 1) Appeals filed via E-mail: The Environmental Determination Appeal Application Form [DS-3031](#) can be obtained at <https://www.sandiego.gov/sites/default/files/legacy/development-services/pdf/industry/forms/ds3031>. Send the completed appeal form (including grounds for appeal and supporting documentation in pdf format) by email to [Hearings1@sanidiego.gov](mailto:Hearings1@sanidiego.gov) by 5:00p.m. on the last day of the appeal period; your email appeal will be acknowledged within 24 business hours. You must separately mail the appeal fee by check payable to the City Treasurer to: City Clerk/Appeal, MS 2A, 202 C Street, San Diego, CA 92101. The appeal filing fee must be United States Postal Service (USPS) postmarked) before or on the final date of the appeal. Please include the project number on the memo line of the check.
- 2) Appeals filed in person: Environmental Determination Appeal Application Form [DS-3031](#) can be obtained at <https://www.sandiego.gov/sites/default/files/legacy/development-services/pdf/industry/forms/ds3031.pdf>. Bring the fully completed appeal application [DS-3031](#) (including grounds for appeal and supporting documentation) to the City Administration Building—Public Information Counter (Open 8:00am to 5:00pm Monday through Friday excluding City-approved holidays), 1st Floor Lobby, located at 202 C Street, San Diego, CA 92101, by 5:00pm on the last day of the appeal period. The completed appeal form shall include the required appeal fee, with a check payable to: City Treasurer.

The appeal application can also be obtained from the City Clerk, 202 'C' Street, Second Floor, San Diego, CA 92101.

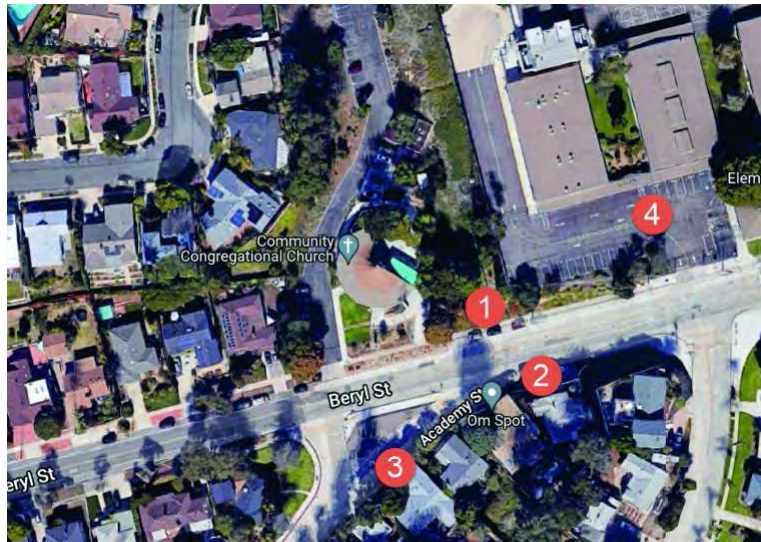
This information will be made available in alternative formats upon request.

# CAL02071 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109



Map



LOCATION

©2018 Google Maps

ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.

# CAL02071 - Community Congregational Church



2088 Beryl Street, San Diego, CA 92109

VIEW 1



EXISTING



Changing mono-cypress to mono-eucalyptus tree.

PROPOSED

ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.

# CAL02071 - Community Congregational Church



2088 Beryl Street, San Diego, CA 92109

VIEW 2



EXISTING



PROPOSED

ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.

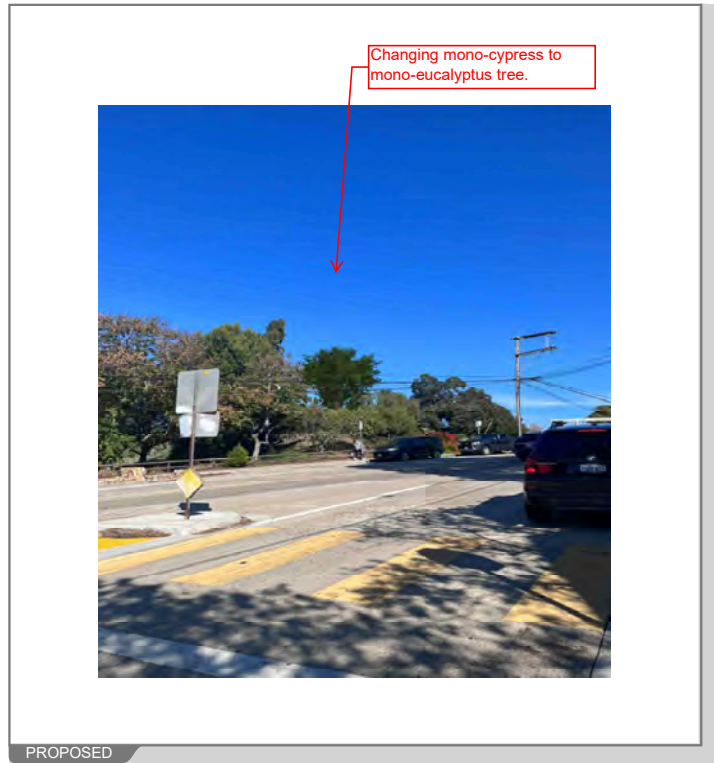
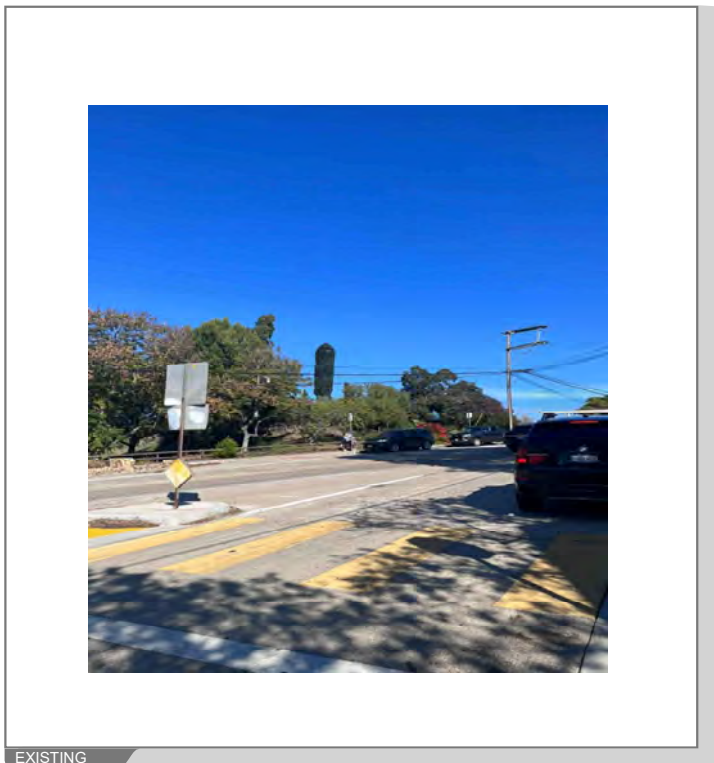


# CAL02071 - Community Congregational Church



2088 Beryl Street, San Diego, CA 92109

VIEW 3



ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.



# CAL02071 - Community Congregational Church



2088 Beryl Street, San Diego, CA 92109

VIEW 4



EXISTING



Changing mono-cypress to  
mono-eucalyptus tree.

PROPOSED

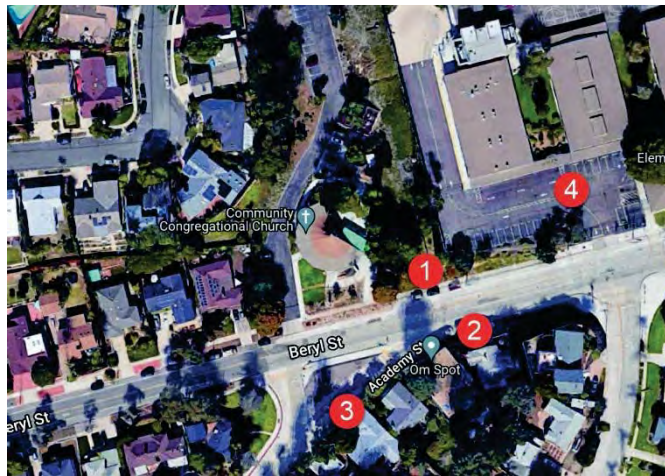
ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.

# 10090957 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109



Map



LOCATION

©2018 Google Maps

ACCURACY OF PHOTO SIMULATION BASED UPON INFORMATION PROVIDED BY PROJECT APPLICANT.

# 10090957 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109

MD7

VIEW 1



SOUTH VIEW

©2018 Google Maps

# 10090957 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109

MD7

VIEW 2



NORTH VIEW

©2018 Google Maps

# 10090957 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109

MD7

VIEW 3



WEST VIEW

©2018 Google Maps

# 10090957 - Community Congregational Church

2088 Beryl Street, San Diego, CA 92109

MD7


VIEW 3



WEST VIEW

©2018 Google Maps



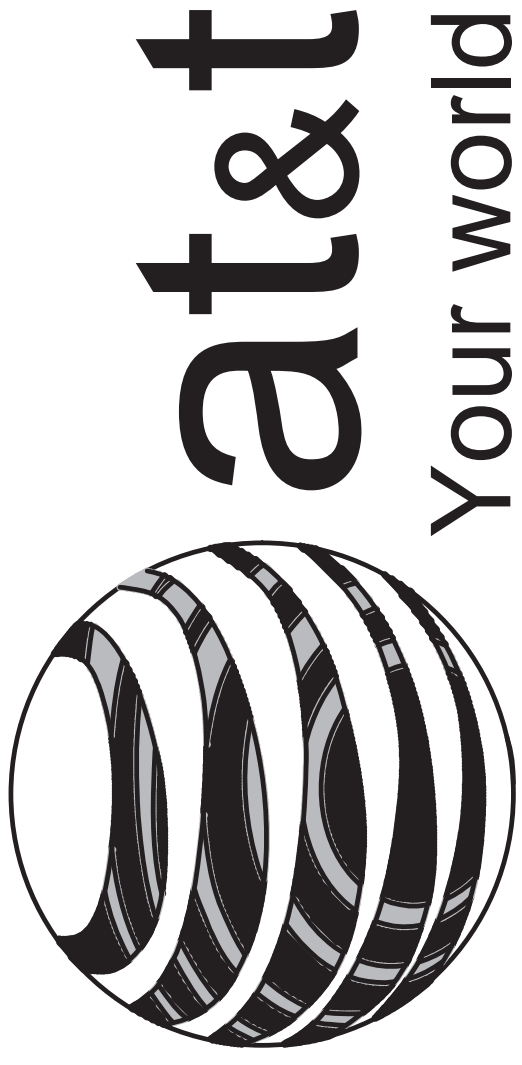
	<p><b>City of San Diego Development Services</b> 1222 First Ave., MS-302 San Diego, CA 92101</p>		<h1>Community Planning Committee Distribution Form</h1>	
	Project Name: 2088 Beryl Street		Project Number: 1081156	
Community: Pacific Beach				
<p>For project scope and contact information (project manager and applicant), log into OpenDSD at <a href="https://aca.accela.com/SANDIEGO">https://aca.accela.com/SANDIEGO</a>.</p> <p>Select "Search for Project Status" and input the Project Number to access project information.</p>				
<input checked="" type="radio"/> Vote to Approve <input type="checkbox"/> Vote to Approve with Conditions Listed Below <input type="checkbox"/> Vote to Approve with Non-Binding Recommendations Listed Below <input type="checkbox"/> Vote to Deny			Date of Vote:  November 08,	
# of Members Yes 8	# of Members No 0	# of Members Abstain 1		
Conditions or Recommendations: N/A				
<input type="checkbox"/> No Action (Please specify, e.g., Need further information, Split vote, Lack of quorum, etc.)				
NAME: JOHN C TERELL				
TITLE: Chair, Development Subcommittee			DATE: November 13, 2023	
<p><i>Attach additional pages if necessary (maximum 3 attachments).</i></p>				

Visit our web site at [www.sandiego.gov/development-services](http://www.sandiego.gov/development-services).

Upon request, this information is available in alternative formats for persons with disabilities.

DS-5620 (08-18) ONLINE FORM

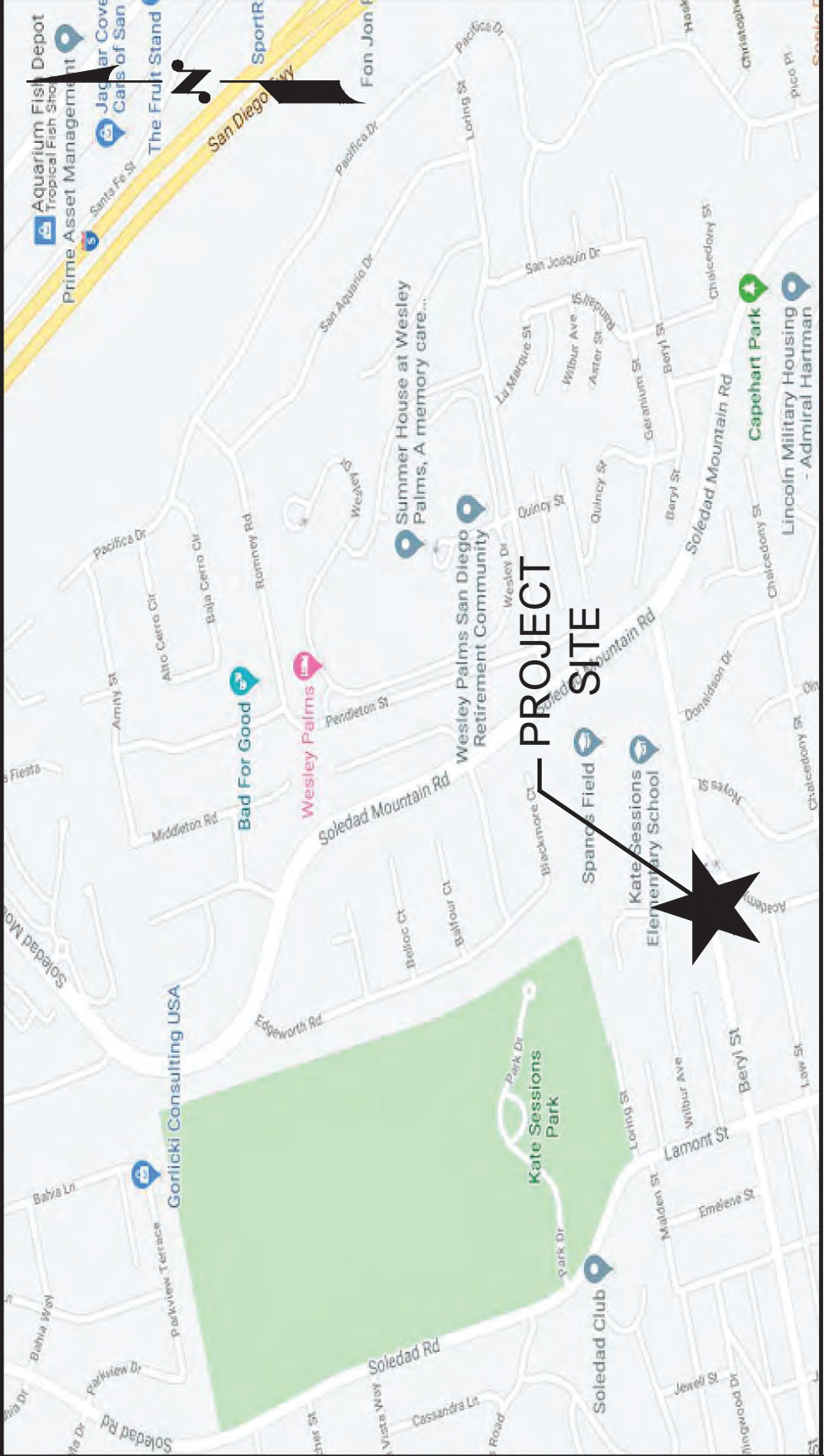




Your world. Delivered.

SPECIAL INSPECTION REQUIRED. SEE SPECIAL INSPECTION SUMMARY ON SHEET S01.0.

VICINITY MAP



DRIVING DIRECTIONS

FROM AT&T OFFICE (7337 TRADE STREET, SAN DIEGO, CA 92121): HEAD WEST ON TRADE ST. TOWARD CAMINO SANTA FE. TURN LEFT ONTO CAMINO SANTA FE. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO MIRAMAR RD. TURN RIGHT TO MERGE WITH I-805 S. MERGE WITH I-805 S. USE THE RIGHT LANE TO TAKE EXIT 23 FOR CA-52. KEEP RIGHT AT THE Y JUNCTION, FOLLOW SIGNS FOR STATE 52 W AND MERGE WITH CA-52 W. USE THE RIGHT 2 LANES TO TAKE EXIT 1A TO MERGE WITH I-5 S. TAKE EXIT 23 TOWARD BALBOA AVE/GARNET AVE. CONTINUE ONTO MISSION BAY DR. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO GARNET AVE. TURN RIGHT ONTO SOLEDAD MOUNTAIN RD. TURN LEFT ONTO BERYL ST. TURN RIGHT AT ACADEMY ST. DESTINATION WILL BE ON THE RIGHT.

APPLICABLE CODES

- 1. 2022 EDITION OF THE CALIFORNIA BUILDING CODE VOLUME 1
2. 2019 EDITION OF THE CALIFORNIA BUILDING CODE VOLUME 2
3. 2019 EDITION OF THE CALIFORNIA MECHANICAL CODE
4. 2019 EDITION OF THE CALIFORNIA PLUMBING CODE
5. 2019 EDITION OF THE CALIFORNIA ELECTRICAL CODE
6. 2019 EDITION OF THE EXISTING BUILDING CODE
7. 2019 EDITION OF THE CALIFORNIA FIRE CODE
8. 2019 EDITION OF THE CALIFORNIA ENERGY CODE
9. 2019 EDITION OF THE CALIFORNIA GREEN BUILDING STANDARDS CODE
10. 2018 INTERNATIONAL PROPERTY MANAGEMENT CODE

ADDITIONS AND MODIFICATIONS TO THE CALIFORNIA CODES:
A. CALIFORNIA BUILDING CODE - CHAPTER 14, ARTICLE 5, DIVISION 1-36
B. CALIFORNIA EXISTING BUILDING CODE - CHAPTER 14, ARTICLE 11, DIVISION 1-17

LEGAL DESCRIPTION

LOT 1\*

APPROVALS

Table with 2 columns: Approval Type (AT&T COMPLIANCE, AT&T RF ENGINEER, AT&T OPERATIONS, AT&T PM, CONSTRUCTION, SITE ACQUISITION) and Approval Name/Signature lines.

SCOPE OF WORK

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING SITE. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- AT ANTENNA LEVEL:
REMOVE (1) MONOCYPRESS
REMOVE (1) CANISTER
REMOVE (3) PIPE MOUNTS
REMOVE (9) PANEL ANTENNAS
REMOVE (6) RRUS
REMOVE (11) TMAS
RELOCATE (3) RRUS
RELOCATE (2) DC6 SURGE SUPPRESSORS
RELOCATE (1) FIBER SLACK ENCLOSURE
INSTALL (1) 30'-0" HIGH MONO-EUCALYPTUS DESIGNED BY SCI INC.
INSTALL (6) PANEL ANTENNAS
INSTALL (3) AIR6449 B77D ANTENNAS
INSTALL (3) AIR6419 B77G ANTENNAS
INSTALL (9) RRUS
INSTALL (3) SITE PRO 1 MODEL # VFA10-HD HEAVY DUTY V-FRAME SECTOR MOUNTS
INSTALL (1) SECTOR FRAME ATTACHMENT ASSEMBLY SITEPRO 1 PART# MSFAA
INSTALL (1) DC9 SURGE SUPPRESSOR
INSTALL (1) FIBER TRUNK CABLE TRUNK (24 PAIR)
INSTALL (2) 6-#4 AWG DC TRUNKS FROM DC12 TO DC9 AT ANTENNA LEVEL
INSTALL (1) 2-#8 AWG DC CABLE FROM DC9 TO NEW 4478 B14, 4449 B5/12, 8843 B2/B66, AIR 6449 B77D & 6419 B77G RRU'S.
AT EQUIPMENT LEVEL:
REMOVE (1) -48VDC POWER CABINET
REMOVE (12) BATTERIES
DE-ENERGIZE (2) UMTS CABINETS
INSTALL (1) VERTIV STD -48VDC OUTDOOR NETSURE 5100 SYSTEM 525A POWER PLANT SYSTEM
INSTALL (12) EMERSON 2KW HE -48 RECTIFIERS
INSTALL (24) GNB M12V180FT BATTERIES
INSTALL (1) -48VDC NETXEND FLEX BATTERY CABINET
INSTALL (1) DC12 SURGE SUPPRESSOR
INSTALL (2) UNISTRUTS
INSTALL OR RE-USE (3) 25A DC BREAKERS FOR NEW 4478 B14 RRUS
INSTALL OR RE-USE (6) 40A DC BREAKERS FOR NEW 4449 B5/12, 8843 B2/B66 RRUS
INSTALL OR RE-USE (3) 50A DC BREAKERS FOR NEW AIR 6449 B77D ANTENNAS
INSTALL OR RE-USE (3) 45A DC BREAKERS FOR NEW 6419 B77G ANTENNAS
RE-ROUTE EXISTING COAX/POWER CABLES TO NEW TOWER
EXISTING LIGHT POLE WITH EXISTING LIGHT FIXTURES & CANISTER TO REMAIN AFTER ANTENNAS HAS BEEN REMOVED.

Table with 2 columns: Count Type (EXISTING ANTENNA COUNT, FINAL ANTENNA COUNT, EXISTING RRU COUNT, FINAL RRU COUNT) and Count Value (09, 12, 09, 12).



Know what's below. Call before you dig.

NOTE: 48 HOURS PRIOR TO DIGGING, CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES TO LOCATE ALL UNDERGROUND UTILITIES

COMMUNITY CONGREGATIONAL CHURCH
SITE ID: SS0071

2088 BERYL STREET
SAN DIEGO, CA 92109

FA: 10090957

LTE 4C / 5C / 5G NR 1SR CBAND
MRSDDL039103 / MRSDDL037354 / MRSDDL037671 /
MRSDDL037210 / MRSDDL033411 / MRSDDL033437
MRSDDL033616

CONTACTS

Table with 2 columns: Contact Name/Role (APPLICANT, PROJECT MANAGER, RF ENGINEER, A&E CONTACT) and Contact Information (Address, Phone, Email).

PROPERTY SUMMARY

Table with 2 columns: Property Attribute (PROPERTY OWNER, PARCEL #, LATITUDE, LONGITUDE, ZONING JURISDICTION, ZONING CLASSIFICATION, COUNTY, GROUND ELEVATION, ANTENNA TOP HEIGHT, OCCUPANCY GROUP, CONSTRUCTION TYPE, POWER COMPANY, TELEPHONE COMPANY) and Value.

INDEX OF DRAWINGS

Table with 4 columns: SHIT. NO., DESCRIPTION, REV. NO., and drawing type (TITLE SHEET, GENERAL NOTES, SPECIAL INSPECTION NOTES, etc.).

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

Table with 2 columns: Revision Number (G 05/24/23, F 11/14/22, E 08/17/22, D 06/29/22, C 06/15/22, B 06/07/22) and Description (JK COMMENTS, CLIENT COMMENTS, etc.).

Plans Prepared For:
MD7
10590 WEST OCEAN AIR DRIVE
SUITE 300
SAN DIEGO, CA 92130



Plans Prepared By:
MORRISON HERSHFIELD
5100 S MACADAM AVE, SUITE 500
PORTLAND, OR 97239
Tel: 503-595-9128 Fax: 503-595-9136
www.morrisonhershfield.com

Project: COMMUNITY CONGREGATIONAL CHURCH
SITE ID: SS0071
2088 BERYL STREET
SAN DIEGO, CA 92109
FA: 10090957

Drawing Title:
TITLE SHEET

Table with 2 columns: Project/Design Info (Project No., Designer, Date, Checked By, Drawn By, PM Review, Client Approval, Issue No.) and Values (210339800, SB, 05/06/22, SS, etc.).

G TS01



## GENERAL CONSTRUCTION NOTES

- FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:  
GENERAL CONTRACTOR – SEE PROJECT TEAM IN TITLE SHEET  
SUBCONTRACTOR – CONTRACTOR (CONSTRUCTION)  
OWNER – AT&T
- ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
- GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. VERIFY WITH SITE OWNER IF A PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE PROCEEDING WITH ANY CONSTRUCTION.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
- ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS. SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOWN DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
- THE SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE SUBCONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND AS PER CALIFORNIA BUILDING CODE CHAPTER 33 AS STATED IN THE ENTIRE CHAPTER.
- GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
- ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
- SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. SUBCONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
- WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. SUBCONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
- SUBCONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
- THE SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS,

CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.

- THE SUBCONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
- GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND SUBCONTRACTORS TO THE SITE AND/OR BUILDING.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
- THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
- THE GENERAL CONTRACTOR AND SUBCONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OT 2-A:10-B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE SUBCONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. SUBCONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, AND D) TRENCHING & EXCAVATION.
- ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
- THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
- SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
- NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT MODIFIED PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT MODIFIED PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
- ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
- ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
- SUBCONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
- SUBCONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
- THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE, AND IS NOT FOR HUMAN HABITAT (NO HANDICAP ACCESS REQUIRED).
- OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
- NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
- ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION AT&T MOBILITY GROUNDING STANDARD "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES" AND "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING". IN CASE OF A

CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.

- SUBCONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF SUBCONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
- SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- NO WHITE STROBIC LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
- ALL FIBER/POWER CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- NO NOISE, SMOKE, DUST, ODOR, OR VIBRATIONS WILL RESULT FROM THIS FACILITY.
- NO LANDSCAPING IS PROPOSED AT THIS SITE.

## SITE WORK & DRAINAGE

PART 1 – GENERAL

CLEARING, GRUBBING, STRIPPING, EROSION CONTROL, SURVEY, LAYOUT, SUBGRADE PREPARATION AND FINISH GRADING AS REQUIRED TO COMPLETE THE PROPOSED WORK SHOWN IN THESE PLANS.

1.1 REFERENCES:

- DOT (STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION—CURRENT EDITION).
- ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS).
- OSHA (OCCUPATION SAFETY AND HEALTH ADMINISTRATION).

1.2 INSPECTION AND TESTING:

- FIELD TESTING OF EARTHWORK COMPACTION AND CONCRETE CYLINDERS SHALL BE PERFORMED BY SUBCONTRACTORS INDEPENDENT TESTING LAB. THIS WORK TO BE COORDINATED BY THE SUBCONTRACTOR.
- ALL WORK SHALL BE INSPECTED AND RELEASED BY THE GENERAL CONTRACTOR WHO SHALL CARRY OUT THE GENERAL INSPECTION OF THE WORK WITH SPECIFIC CONCERN TO PROPER PERFORMANCE OF THE WORK AS SPECIFIED AND/OR CALLED FOR ON THE DRAWINGS. IT IS THE SUBCONTRACTOR'S RESPONSIBILITY TO REQUEST TIMELY INSPECTIONS PRIOR TO PROCEEDING WITH FURTHER WORK THAT WOULD MAKE PARTS OF WORK INACCESSIBLE OR DIFFICULT TO INSPECT.

1.3 SITE MAINTENANCE AND PROTECTION:

- PROVIDE ALL NECESSARY JOB SITE MAINTENANCE FROM COMMENCEMENT OF WORK UNTIL COMPLETION OF THE SUBCONTRACT.
- AVOID DAMAGE TO THE SITE AND TO EXISTING FACILITIES, STRUCTURES, TREES, AND SHRUBS DESIGNATED TO REMAIN. TAKE PROTECTIVE MEASURES TO PREVENT EXISTING FACILITIES THAT ARE NOT DESIGNATED FOR REMOVAL FROM BEING DAMAGED BY THE WORK.
- KEEP SITE FREE OF ALL PONDING WATER.
- PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH STATE DOT AND EPA REQUIREMENTS.
- PROVIDE AND MAINTAIN ALL TEMPORARY FENCING, BARRICADES, WARNING SIGNALS AND SIMILAR DEVICES NECESSARY TO PROTECT AGAINST THEFT FROM PROPERTY DURING THE ENTIRE PERIOD OF CONSTRUCTION. REMOVE ALL SUCH DEVICES UPON COMPLETION OF THE WORK.
- EXISTING UTILITIES: DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS, EXCEPT WHEN PERMITTED IN WRITING BY THE ENGINEER AND THEN ONLY AFTER ACCEPTABLE TEMPORARY UTILITY SERVICES HAVE BEEN PROVIDED.

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

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F	11/14/22	CLIENT	COMMENTS
E	08/17/22	CLIENT	COMMENTS
D	06/29/22	CLIENT	COMMENTS
C	06/15/22	CLIENT	COMMENTS
B	06/07/22	JX	COMMENTS

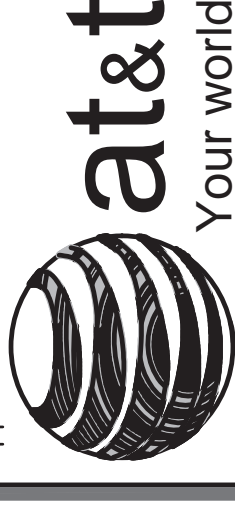
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Plans Prepared For:

**MD7**

10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:



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**MORRISON HERSHFIELD**  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: **SS0071**  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**GENERAL NOTES**

Project No.: **210339800**

Designer:	SB	Date:	05/06/22
Drawn By:	GD	Checked By:	SS
PM Review:	JR	Client Approval:	

Issue No.:

**G**

**GNO1**



G. PROVIDE A MINIMUM 48-HOUR NOTICE TO THE ENGINEER AND RECEIVE WRITTEN NOTICE TO PROCEED BEFORE INTERRUPTING ANY UTILITY SERVICE.

PART 2 - PRODUCTS

2.1 SUITABLE BACKFILL: ASTM D2321 (CLASS I, II, III OR IVA) FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

2.2 NON-POROUS GRANULAR EMBANKMENT AND BACKFILL: ASTM D2321 (CLASS III, IVA OR IVB) COARSE AGGREGATE. FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL.

2.3 POROUS GRANULAR EMBANKMENT AND BACKFILL: ASTM D2321 (CLASS IA, IB OR II) COARSE AGGREGATE FREE FROM FROZEN LUMPS, REFUSE, STONES OR ROCKS LARGER THAN 3 INCHES IN ANY DIMENSION OR OTHER MATERIAL THAT MAY MAKE THE INORGANIC MATERIAL UNSUITABLE FOR BACKFILL

2.4 SELECT STRUCTURAL FILL: GRANULAR FILL MATERIAL MEETING THE REQUIREMENTS OF ASTM F850-95. FOR USE AROUND AND UNDER STRUCTURES WHERE STRUCTURAL FILL MATERIAL ARE REQUIRED.

2.5 GRANULAR BEDDING AND TRENCH BACKFILL: WELL-GRADED SAND MEETING THE GRADATION REQUIREMENTS OF ASTM D2487 (SE OR SW-SM).

2.6 COARSE AGGREGATE FOR ACCESS ROAD SUBBASE COURSE SHALL CONFORM TO ASTM D2940.

2.7 UNSUITABLE MATERIAL HIGH AND MODERATELY PLASTIC SILTS AND CLAYS (LL>45). MATERIAL CONTAINING REFUSE, FROZEN LUMPS, DEMOLISHED BITUMINOUS MATERIAL, VEGETATIVE MATTER, WOOD, STONES IN EXCESS OF 3 INCHES IN ANY DIMENSION. AND DEBRIS AS DETERMINED BY THE CONSTRUCTION MANAGER. TYPICAL THESE WILL BE SOILS CLASSIFIED BY ASTM AS PT, MH, CH, OH, ML, AND OL.

2.8 GEOTEXTILE FABRIC: MIRAFI 500X OR APPROVED EQUAL.

2.9 PLASTIC MARKING TAPE: SHALL BE ACID AND ALKALI RESISTANT POLYETHYLENE FILM SPECIFICALLY MANUFACTURED FOR MARKING AND LOCATING UNDERGROUND UTILITIES. 6 INCHES WIDE WITH A MINIMUM THICKNESS OF 0.004 INCH. TAPE SHALL HAVE MINIMUM STRENGTH OF 1500 PSI IN BOTH DIRECTIONS AND MANUFACTURED WITH INTEGRAL CONDUCTORS, FOIL BACKING OR OTHER MEANS TO ENABLE DETECTION BY A METAL DETECTOR WHEN BURIED UP TO 3 FEET DEEP. THE METALLIC CORE OF THE TAPE SHALL BE ENCASED IN A PROTECTIVE JACKET OR PROVIDED WITH OTHER MEANS TO PROTECT IT FROM CORROSION. TAPE COLOR SHALL BE RED FOR ELECTRIC UTILITIES AND ORANGE FOR TELECOMMUNICATION UTILITIES.

PART 3 - EXECUTION

3.1 GENERAL:

A. BEFORE STARTING GENERAL SITE PREPARATION ACTIVITIES, INSTALL EROSION AND SEDIMENT CONTROL MEASURES. THE WORK AREA SHALL BE CONSTRUCTED AND MAINTAINED IN SUCH CONDITION THAT IN THE EVENT OF RAIN THE SITE WILL BE DRAINED AT ANY TIME.

B. BEFORE ALL SURVEY, LAYOUT, STAKING, AND MARKING, ESTABLISH AND MAINTAIN ALL LINES, GRADES, ELEVATIONS AND BENCHMARKS NEEDED FOR EXECUTION OF THE WORK.

C. CLEAR AND GRUB THE AREA WITHIN THE LIMITS OF THE SITE. REMOVE TREES, BRUSH, STUMPS, RUBBISH AND OTHER DEBRIS AND VEGETATION RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE SITE AREA TO BE CLEARED.

1. REMOVE THE FOLLOWING MATERIALS TO A DEPTH OF NO LESS THAN 12 INCHES BELOW THE ORIGINAL GROUND SURFACE: ROOTS, STUMPS, AND OTHER DEBRIS, BRUSH, AND REFUSE EMBEDDED IN OR PROTRUDING THROUGH THE GROUND SURFACE, RAKE, DISK OR PLOW THE AREA TO A DEPTH OF NO LESS THAN 6 INCHES, AND REMOVE TO A DEPTH OF 12 INCHES ALL ROOTS AND OTHER DEBRIS THEREBY EXPOSED.

2. REMOVE TOPSOIL MATERIAL COMPLETELY FROM THE SURFACE UNTIL THE SOIL NO LONGER MEETS THE DEFINITION OF TOPSOIL. AVOID MIXING TOPSOIL WITH SUBSOIL OR OTHER UNDESIRABLE MATERIALS.

3. EXCEPT WHERE EXCAVATION TO GREATER DEPTH IS INDICATED, FILL DEPRESSIONS RESULTING FROM CLEARING, GRUBBING AND DEMOLITION WORK COMPLETELY WITH SUITABLE FILL.

A. REMOVE FROM THE SITE AND DISPOSE IN AN AUTHORIZED LANDFILL ALL DEBRIS RESULTING FROM CLEARING AND GRUBBING OPERATIONS. BURNING WILL NOT BE PERMITTED.

B. PRIOR TO EXCAVATING, THOROUGHLY EXAMINE THE AREA TO BE EXCAVATED AND/OR TRENCHED TO VERIFY THE LOCATIONS OF FEATURES INDICATED ON THE DRAWINGS AND TO ASCERTAIN THE EXISTENCE AND LOCATION OF ANY STRUCTURE, UNDERGROUND STRUCTURE, OR OTHER ITEM NOT SHOWN THAT MIGHT INTERFERE WITH THE PROPOSED CONSTRUCTION. NOTIFY THE CONSTRUCTION MANAGER OF ANY OBSTRUCTIONS THAT WILL PREVENT ACCOMPLISHMENT OF THE WORK AS INDICATED ON THE DRAWINGS.

C. SEPARATE AND STOCK PILE ALL EXCAVATED MATERIALS SUITABLE FOR BACKFILL. ALL EXCESS EXCAVATED AND UNSUITABLE MATERIALS SHALL BE DISPOSED OF OFF-SITE IN A LEGAL MANNER.

3.2 BACKFILL:

A. AS SOON AS PRACTICAL, AFTER COMPLETING CONSTRUCTION OF THE RELATED STRUCTURE, INCLUDING EXPIRATION OF THE SPECIFIED MINIMUM CURING PERIOD FOR CAST-IN-PLACE CONCRETE, BACKFILL THE EXCAVATION WITH APPROVED MATERIAL TO RESTORE THE REQUIRED FINISHED GRADE.

1. PRIOR TO PLACING BACKFILL AROUND STRUCTURES, ALL FORMS SHALL BE REMOVED AND THE EXCAVATION CLEANED OF ALL TRASH, DEBRIS, AND UNSUITABLE MATERIALS.

2. BACKFILL BY PLACING AND COMPACTING SUITABLE BACKFILL MATERIAL OR SELECT GRANULAR BACKFILL MATERIAL WHEN REQUIRED IN UNIFORM HORIZONTAL LAYERS OF NO GREATER THAN 8-INCHES LOOSE THICKNESS AND COMPACTED, WHERE HAND OPERATED COMPACTORS ARE USED, THE FILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 4 INCHES IN LOOSE DEPTH AND COMPACTED.

3. WHENEVER THE DENSITY TESTING INDICATES THAT THE CONTRACTOR HAS NOT OBTAINED THE SPECIFIED DENSITY, THE SUCCEEDING LAYER SHALL NOT BE PLACED UNTIL THE SPECIFICATION REQUIREMENTS ARE MET UNLESS OTHERWISE AUTHORIZED BY THE GEOTECHNICAL ENGINEER. DIE CONTRACTOR SHALL TAKE WHATEVER APPROPRIATE ACTION IS NECESSARY, SUCH AS DISKING AND DRYING, ADDING WATER, OR INCREASING THE COMPACTIVE EFFORT TO MEET THE MINIMUM COMPACTON REQUIREMENTS.

B. THOROUGHLY COMPACT EACH LAYER OF BACKFILL TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, ASTM D 698.

3.3 TRENCH EXCAVATION:

A. UTILITY TRENCHES SHALL BE EXCAVATED TO THE LINES AND GRADES SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE GENERAL CONTRACTOR. PROVIDE SHORING, SHEETING AND BRACING AS REQUIRED TO PREVENT CAVING OR SLOUGHING OF THE TRENCH WALLS.

B. EXTEND THE TRENCH WIDTH A MINIMUM OF 6 INCHES BEYOND THE OUTSIDE EDGE OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, ASTM D 1557.

C. WHEN SOFT YIELDING, OR OTHERWISE UNSTABLE SOIL CONDITIONS ARE ENCOUNTERED, BACKFILL AT THE REQUIRED TRENCH TO A DEPTH OF NO LESS THAN 12 INCHES BELOW THE REQUIRED ELEVATION AND BACKFILL WITH GRANULAR BEDDING MATERIAL.

3.4 TRENCH BACKFILL:

A. PROVIDE GRANULAR BEDDING MATERIAL IN ACCORDANCE WITH THE DRAWINGS AND THE UTILITY REQUIREMENTS.

B. NOTIFY THE GENERAL CONTRACTOR 24 HOURS IN ADVANCE OF BACKFILLING.

C. CONDUCT UTILITY CHECK TESTS BEFORE BACKFILLING. BACKFILL AND COMPACT TRENCH BEFORE ACCEPTANCE TESTING.

D. PLACE GRANULAR TRENCH BACKFILL UNIFORMLY ON BOTH SIDES OF THE CONDUITS IN 6-INCH UNCOMPACTED LIFTS UNTIL 12 INCHES OVER THE CONDUITS. SOLIDLY RAM AND TAMP BACKFILL INTO SPACE AROUND CONDUITS.

E. PROTECT CONDUIT FROM LATERAL MOVEMENT. IMPACT DAMAGE, OR UNBALANCED LOADING.

F. ABOVE THE CONDUIT EMBEDMENT ZONE, PLACE AND COMPACT SATISFACTORY BACKFILL MATERIAL IN 8-INCH MAXIMUM LOOSE THICKNESS LIFTS TO RESTORE THE REQUIRED FINISHED SURFACE GRADE.

G. 3.5 COMPACT FINAL TRENCH BACKFILL TO A DENSITY EQUAL TO OR GREATER THAN THAT OF THE EXISTING UNDISTURBED MATERIAL IMMEDIATELY ADJACENT TO THE TRENCH BUT NO LESS THAN A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, ASTM D 698.

3.5 AGGREGATE ACCESS ROAD:

A. CLEAR, GRUB, STRIP AND EXCAVATE FOR THE ACCESS ROAD TO THE LINES AND GRADES INDICATED ON THE DRAWINGS. SCARIFY TO A DEPTH OF 6 INCHES AND PROOF-ROLL. ALL HOLES, RUTS, SOFT PLACES AND OTHER DEFECTS SHALL BE CORRECTED.

B. THE ENTIRE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, ASTM D 1557.

C. AFTER PREPARATION OF THE SUBGRADE IS COMPLETE THE GEOTEXTILE FABRIC (MIRAFI 500X) SHALL BE INSTALLED TO THE LIMITS INDICATED ON THE DRAWINGS BY ROLLING THE FABRIC OUT LONGITUDINALLY ALONG THE ROADWAY. THE FABRIC SHALL NOT BE DRAGGED ACROSS THE SUBGRADE. PLACE THE ENTIRE ROLL IN A SINGLE OPERATION, ROLLING OUT AS SMOOTHLY AS POSSIBLE.

1. OVERLAPS PARALLEL TO THE ROADWAY WILL BE PERMITTED AT THE CENTERLINE AND AT LOCATIONS BEYOND THE ROADWAY SURFACE WIDTH (I.E. WITHIN THE SHOULDER WIDTH) ONLY. NO LONGITUDINAL OVERLAPS SHALL BE LOCATED BETWEEN THE CENTERLINE AND THE SHOULDER. PARALLEL OVERLAPS SHALL BE A MINIMUM OF 3 FEET WIDE.

2. TRANSVERSE (PERPENDICULAR TO THE ROADWAY) OVERLAPS AT THE END OF A ROLL SHALL OVERLAP IN THE DIRECTION OF THE AGGREGATE PLACEMENT (PREVIOUS ROLL ON TOP) AND SHALL HAVE A MINIMUM LENGTH OF 3 FEET.

3. ALL OVERLAPS SHALL BE PINNED WITH STAPLES OR NAILS A MINIMUM OF 10 INCHES LONG TO INSURE POSITIONING DURING PLACEMENT OF AGGREGATE. PIN LONGITUDINAL SEAMS AT 25 FOOT CENTERS AND TRANSVERSE SEAMS EVERY 5 FEET.

D. THE AGGREGATE BASE AND SURFACE COURSES SHALL BE CONSTRUCTED IN LAYERS NOT MORE THAN 4 INCH (COMPACTED) THICKNESS. AGGREGATE TO BE PLACED ON GEOTEXTILE FABRIC SHALL BE END-DUMPED ON THE FABRIC FROM THE FREE END OF THE FABRIC OR OVER PREVIOUSLY PLACED AGGREGATE. THE FIRST LIFT SHALL BE BLADED DOWN TO A THICKNESS OF 8 INCHES PRIOR TO COMPACTION. AT NO TIME SHALL EQUIPMENT, EITHER TRANSPORTING THE AGGREGATE OR GRADING THE AGGREGATE, BE PERMITTED ON THE ROADWAY WITH LESS THAN 4 INCHES OF MATERIAL COVERING THE FABRIC.

E. THE AGGREGATE SHALL BE IMMEDIATELY COMPACTED TO NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE MODIFIED PROCTOR TEST, ASTM D 1557 WITH A TAMPING ROLLER, OR WITH A PNEUMATIC-TIRED ROLLER, OR WITH A VIBRATORY MACHINE OR ANY COMBINATION OF THE ABOVE. THE TOP LAYER SHALL BE GIVEN A FINAL ROLLING WITH A THREE-WHEEL OR TANDEM ROLLER.

3.6 FINISH GRADING:

A. PERFORM ALL GRADING TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND SMOOTH, EVEN SURFACE DRAINAGE OF THE ENTIRE AREA WITHIN THE LIMITS OF CONSTRUCTION. GRADING SHALL BE COMPATIBLE WITH ALL SURROUNDING TOPOGRAPHY AND STRUCTURES.

B. UTILIZE SATISFACTORY ALL MATERIAL RESULTING FROM THE EXCAVATION WORK IN THE CONSTRUCTION OF FILLS, EMBANKMENTS AND FOR REPLACEMENT OF REMOVED UNSUITABLE MATERIALS.

C. ACHIEVE FINISHED GRADE BY PLACING A MINIMUM OF 4 INCHES OF 1/2" - 3/4" CRUSHED STONE ON TOP SOIL STABILIZER FABRIC.

D. REPAIR ALL ACCESS ROADS AND SURROUNDING AREAS USED DURING THE COURSE OF THIS WORK TO THEIR ORIGINAL CONDITION.

3.7 ASPHALT PAVING ROAD:

A. CHAPTER 630 - CALIFORNIA DEPARTMENT OF TRANSPORTATION FLEXIBLE PAVEMENT.

B. DESIGN GUIDE AND STANDARDS FOR ROADWAY REHABILITATION PROJECTS (DIB 79-03).

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D 06/29/22	CLIENT COMMENTS
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 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130	
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 <b>MORRISON HERSHFELD</b> 5100 S MACADAM AVE, SUITE 500 PORTLAND, OR 97239 Tel: 503-595-9128 Fax: 503-595-9136 www.morrisonhershfeld.com	
Project:	
<b>COMMUNITY CONGREGATIONAL CHURCH</b> SITE ID: SS0071 2088 BERYL STREET SAN DIEGO, CA 92109 FA: 10090957	
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Checked By:	SS
PM Review:	Client Approval
Issue No.:	G
<h1 style="font-size: 2em;">GNO2</h1>	



## STORM WATER CONSTRUCTION BMP NOTES

- ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "STORM WATER STANDARDS MANUAL" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED GRADING/IMPROVEMENTS CONSISTENT WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR WATER POLLUTION CONTROL PLAN (WPCP) FOR CONSTRUCTION LEVEL BMPS AND, IF APPLICABLE, THE STORM WATER QUALITY MANAGEMENT PLAN (SWQMP) FOR POST-CONSTRUCTION BMP.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM DRAIN INLET PROTECTION. INLET PROTECTION IN THE PUBLIC RIGHT-OF-WAY MUST BE TEMPORARILY REMOVED PRIOR TO A RAIN EVENT TO ENSURE NO FLOODING OCCURS AND REINSTALLED AFTER RAIN IS OVER.
- ALL CONSTRUCTION BMPS SHALL BE INSTALLED AND PROPERLY MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING, AREAS FOR WHICH THE CONTRACTOR OR QUALIFIED CONTACT PERSON CAN PROVIDE EROSION AND SEDIMENT CONTROL MEASURES.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SUB-CONTRACTORS AND SUPPLIERS ARE AWARE OF ALL STORM WATER BMPS AND IMPLEMENT SUCH MEASURES, FAILURE TO COMPLY WITH THE APPROVED SWPPP/WPCP WILL RESULT IN THE ISSUANCE OF CORRECTION NOTICES, CITATIONS, CIVIL PENALTIES, AND/OR STOP WORK NOTICES.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF ALL SILT, DEBRIS, AND MUD ON AFFECTED AND ADJACENT STREET(S) AND WITHIN STORM DRAIN SYSTEM DUE TO CONSTRUCTION VEHICLES/EQUIPMENT AND CONSTRUCTION ACTIVITY AT THE END OF EACH WORKDAY.
- THE CONTRACTOR SHALL PROTECT NEW AND EXISTING STORM WATER CONVEYANCE SYSTEMS FROM SEDIMENTATION, CONCRETE RINSE, OR OTHER CONSTRUCTION-RELATED DEBRIS AND DISCHARGES WITH THE APPROPRIATE BMPS THAT ARE ACCEPTABLE TO THE CITY RESIDENT ENGINEER AND AS INDICATED IN THE SWPPP/WPCP.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CLEAR DEBRIS, SILT, AND MUD FROM ALL DITCHES AND SWALES PRIOR TO AND WITHIN 3 BUSINESS DAYS AFTER EACH RAIN EVENT OR PRIOR TO THE NEXT RAIN EVENT, WHICHEVER IS SOONER.
- IF A NON-STORM WATER DISCHARGE LEAVES THE SITE, THE CONTRACTOR SHALL IMMEDIATELY STOP THE ACTIVITY AND REPAIR THE DAMAGES. THE CONTRACTOR SHALL NOTIFY THE CITY RESIDENT ENGINEER OF THE DISCHARGE, PRIOR TO RESUMING CONSTRUCTION ACTIVITY. ANY AND ALL WASTE MATERIAL, SEDIMENT, AND DEBRIS FROM EACH NON-STORM WATER DISCHARGE SHALL BE REMOVED FROM THE STORM DRAIN CONVEYANCE SYSTEM AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES. ALL NECESSARY MATERIALS SHALL BE STOCKPILED ON SITE AT CONVENIENT LOCATIONS TO FACILITATE RAPID DEPLOYMENT OF CONSTRUCTION BMPSWHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL RESTORE AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMPS WORKING ORDER YEAR-ROUND.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DUE TO UNFORESEEN CIRCUMSTANCES TO PREVENT NON-STORM WATER AND SEDIMENT-LADEN DISCHARGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.

- ALL EROSION AND SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED SWPPP/WPCP SHALL BE INSTALLED AND MAINTAINED. ALL EROSION AND SEDIMENT CONTROLS FOR INTERIM CONDITIONS SHALL BE PROPERLY DOCUMENTED AND INSTALLED TO THE SATISFACTION OF THE CITY RESIDENT ENGINEER.
- AS NECESSARY, THE CITY RESIDENT ENGINEER SHALL SCHEDULE MEETINGS FOR THE PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED CONTACT PERSON, EROSION CONTROL SUBCONTRACTOR IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER, AND THE CITY RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION AND SEDIMENT CONTROL MEASURES AND OTHER BMPS RELATIVE TO ANTICIPATED CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR OR QUALIFIED CONTACT PERSON SHALL CONDUCT VISUAL INSPECTIONS AND MAINTAIN ALL BMPS DAILY AND AS NEEDED. VISUAL INSPECTIONS AND MAINTENANCE OF ALL BMPS SHALL BE CONDUCTED BEFORE, DURING, AND AFTER EVERY RAIN EVENT AND EVERY 24 HOURS DURING ANY PROLONGED RAIN EVENT, THE CONTRACTOR SHALL MAINTAIN AND REPAIR ALL BMPS AS SOON AS POSSIBLE AS SAFETY ALLOWS.
- CONSTRUCTION ENTRANCE AND EXIT AREA. TEMPORARY CONSTRUCTION ENTRANCE AND EXITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CASQA FACT SHEET TC-10 R CAL TRANS FACT SHEETTC-01 TO PREVENT TRACKING OF SEDIMENT AND OTHER POTENTIAL POLLUTANTS ONTO PAVED SURFACES AND TRAVELED WAYS. WIDTH SHALL BE 10' OR THE MINIMUM NECESSARY TO ACCOMMODATE VEHICLES AND EQUIPMENT WITHOUT BY-PASSING THE ENTRANCE, (A) NON-STORM WATER DISCHARGES SHALL BE EFFECTIVELY MANAGED PER THE SAN DIEGO MUNICIPAL CODE CHAPTER 4, ARTICLE 3, DIVISION 3 "STORM WATER MANAGEMENT AND DISCHARGE CONTROL"

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## STATEMENT OF SPECIAL INSPECTIONS

- THE OWNER OR REGISTERED DESIGN PROFESSIONAL OF RECORD WILL EMPLOY THE SERVICES OF ONE OR MORE SPECIAL INSPECTORS TO PROVIDE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE ITEMS IN THE SPECIAL INSPECTION TABLE BELOW.
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL RESPONSIBLE FOR THE DESIGN OF THE STRUCTURE, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR:
  - THE SPECIAL INSPECTOR SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. THE INSPECTOR MAY NOT ALTER, MODIFY, ENLARGE OR WAIVE ANY OF THE REQUIREMENTS OF THE DOCUMENTS.
  - THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE PROFESSIONAL OF RECORD, AND THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN, IF UNCORRECTED, SUBMIT A COMPLETE LIST OF ALL OUTSTANDING DISCREPANCIES ON A WEEKLY BASIS TO THE OWNER, THE BUILDING OFFICIAL, AND THE PROFESSIONAL OF RECORD UNTIL ALL CORRECTIONS HAVE BEEN COMPLETED.
  - THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.
  - WHERE SPECIAL INSPECTION REQUIREMENTS DUPLICATE THE REQUIREMENTS OF SPECIFIED QUALITY ASSURANCE TESTING, DUPLICATE INSPECTIONS SHALL NOT BE REQUIRED.
  - OBSERVATIONS OR SITE VISITS PERFORMED BY THE ENGINEER OR ARCHITECT DUE NOT CONSTITUTE SPECIAL INSPECTIONS.
  - THE CONTRACTOR SHALL PROVIDE ADEQUATE NOTIFICATION OF SCHEDULE OF WORK REQUIRING INSPECTION OR TESTING TO THE SPECIAL INSPECTION TO ALLOW COORDINATION.
  - THE MATERIALS, SYSTEMS, COMPONENTS AND WORK REQUIRED TO HAVE SPECIAL INSPECTION OR TESTING ARE OUTLINED ON THESE DRAWINGS ALONG WITH THE TYPE AND EXTENT OF EACH INSPECTION AND TEST AND WHETHER IT IS CONTINUOUS OR PERIODIC IN NATURE. IF IT IS NOT INDICATED OTHERWISE, INSPECTION SHALL BE CONTINUOUS.
  - EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WINDOR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT SHALL PROVIDE A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT AS REQUIRED BY CBC SECTION 1709
  - NOTICE TO THE APPLICANT/OWNER/OWNER'S AGENT/ARCHITECT OR ENGINEER OF RECORD: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
  - NOTICE TO THE CONTRACTOR/BUILDER/INSTALLER/SUB-CONTRACTOR/OWNER-BUILDER: BY USING THIS PERMITTED CONSTRUCTION DRAWINGS FOR CONSTRUCTION/INSTALLATION OF THE WORK SPECIFIED HEREIN, YOU ACKNOWLEDGE AND ARE AWARE OF, THE REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS. YOU AGREE TO COMPLY WITH THE REQUIREMENTS OF CITY OF SAN DIEGO FOR SPECIAL INSPECTIONS, STRUCTURAL OBSERVATIONS, CONSTRUCTION MATERIAL TESTING AND OFF-SITE FABRICATION OF BUILDING COMPONENTS, CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS AND, AS REQUIRED BY THE CALIFORNIA CONSTRUCTION CODES.
  - THE SPECIAL INSPECTOR MUST BE REGISTERED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES, IN THE CATEGORY OF WORK REQUIRED TO HAVE SPECIAL INSPECTION.
  - THE CONSTRUCTION MATERIALS TESTING LABORATORY MUST BE APPROVED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES, FOR TESTING OF MATERIALS, SYSTEMS, COMPONENTS AND EQUIPMENT.
  - OFFSITE FABRICATOR MUST BE APPROVED BY THE CITY OF SAN DIEGO, DEVELOPMENT SERVICES FOR THE FABRICATION OF MEMBERS AND ASSEMBLIES ON THE PREMISES OF THE FABRICATOR'S SHOP.
  - OFFSITE FABRICATOR SHALL SUBMIT AN 'APPLICATION TO PERFORM OFF-SITE FABRICATION' TO THE INSPECTION SERVICES DIVISION FOR APPROVAL PRIOR TO COMMENCEMENT OF FABRICATION."
  - OFFSITE FABRICATOR SHALL SUBMIT A 'CERTIFICATE OF COMPLIANCE FOR OFF-SITE FABRICATION' TO THE INSPECTION SERVICES DIVISION PRIOR TO ERECTION OF FABRICATED ITEMS AND ASSEMBLIES.

- THE SPECIAL INSPECTIONS IDENTIFIED ON PLANS ARE, IN ADDITION TO, AND NOT A SUBSTITUTE FOR, THOSE INSPECTIONS REQUIRED TO BE PERFORMED BY A CITY'S BUILDING INSPECTOR.
- SPECIAL INSPECTIONS, STRUCTURAL TESTS AND STRUCTURAL OBSERVATIONS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF THE 2019 CBC, CHAPTER 17, SPECIAL INSPECTIONS AND TESTS.
- PER CALIFORNIA BUILDING CODE, CHAPTER 1704, SPECIAL INSPECTION OF EPOXY ANCHORAGE SHALL BE REQUIRED. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS. EPOXY SHALL BE INSTALLED AND SET WITH ANCHOR IN HOLE. SPECIAL INSPECTOR SHALL BE PRESENT TO VERIFY THE HOLE IS CLEAN AND EPOXY INSTALLED IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.

WORK REQUIRING SPECIAL INSPECTION	ITEM DESCRIPTION AND LOCATION	DESIGN STRENGTH	NAME OF SPECIAL INSPECTOR	PHONE NUMBER OF SPECIAL INSPECTOR
SPECIAL INSPECTIONS REQUIRED BY CBC SECTION 1705				
<b>*FOR R-3 AND U OCCUPANCIES ACCESSORY TO RESIDENTIAL OCCUPANCIES</b>				
SPECIAL INSPECTION IS NOT REQUIRED FOR: ITEMS 1b, 2a (WHEN $f_c \leq 3,000$ psi), 2c, 3a (WHEN $f_m \leq 1,500$ psi), and 3b (WHEN WALL HEIGHT IS $\leq 10$ FT.).				
STRUCTURAL OBSERVATION IS PERMITTED IN LIEU OF SPECIAL INSPECTION FOR: ITEMS 1d, 3a, 3b (WHEN WALL HEIGHT IS $> 10$ FT), 4a, AND 4b.				
1. Steel Construction				
a. Field welding				
b. Steel frame*				
c. High-strength bolts				
d. Cold-formed steel framing*				
2. Concrete Construction				
a. $f_c > 2,500$ psi*				
b. Post Installed Anchors	HILTI KWIK BOLT T2 SS @ NEW BATTERY CABINET & POWER PLANT IN EQUIPMENT COMPOUND	1340 LB MIN (SHEAR) 1460 LB MIN (PULL-OUT)	ROBERT MOTSINGER	(619) 379-0735
c. Structural slabs*				
d. Pre-stressed / post-tensioned slabs				
3. Masonry Construction				
a. Masonry walls*				
b. Site walls other than County Standard plans*				
4. Wood Construction				
a. High-load diaphragms*				
b. Structural wood: Nailing, bolting, anchoring and other fastening of components within the lateral-force-resisting system where fastener spacing of sheathing is 4 inches o.c. or less*				
5. Foundations				
a. Driven deep foundations				
b. Cast-in-place deep foundations				
c. Helical pile foundations				
6. Sprayed fire-resistant materials				
7. Mastic and intumescent fire-resistant coatings				
8. Exterior insulation and finish systems (EIFS)				
9. Fire-resistant penetrations and joints in Risk Category III or IV buildings				
10. Smoke control systems				
11. Installation and anchorage of mechanical and electrical components				
a. Electrical equipment for emergency standby power systems				
b. Other electrical equipment in structures in Seismic Design Category E or F				
c. Piping systems or ductwork designed to carry hazardous materials				
d. Vibration isolation systems with 1/4 inch or less clearance required between support frame and restraint				
12. Storage racks				
13. Seismic isolation systems				


PDS 006 REV: 01/01/2017

JURISDICTIONAL APPROVAL

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G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS
No.	Date	Action

Plans Prepared For:  
  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130

Applicant:  
  
 Your world. Delivered.

Plans Prepared By:  
  
**MORRISON HERSHFELD**  
 5100 S MACADAM AVE. SUITE 500  
 PORTLAND, OR 97239  
 Tel: 503-595-9128 Fax: 503-595-9136  
 www.morrisonhersfield.com

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
 SITE ID: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

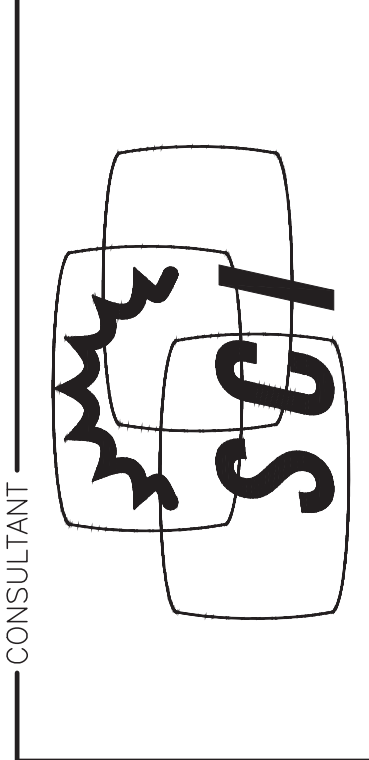
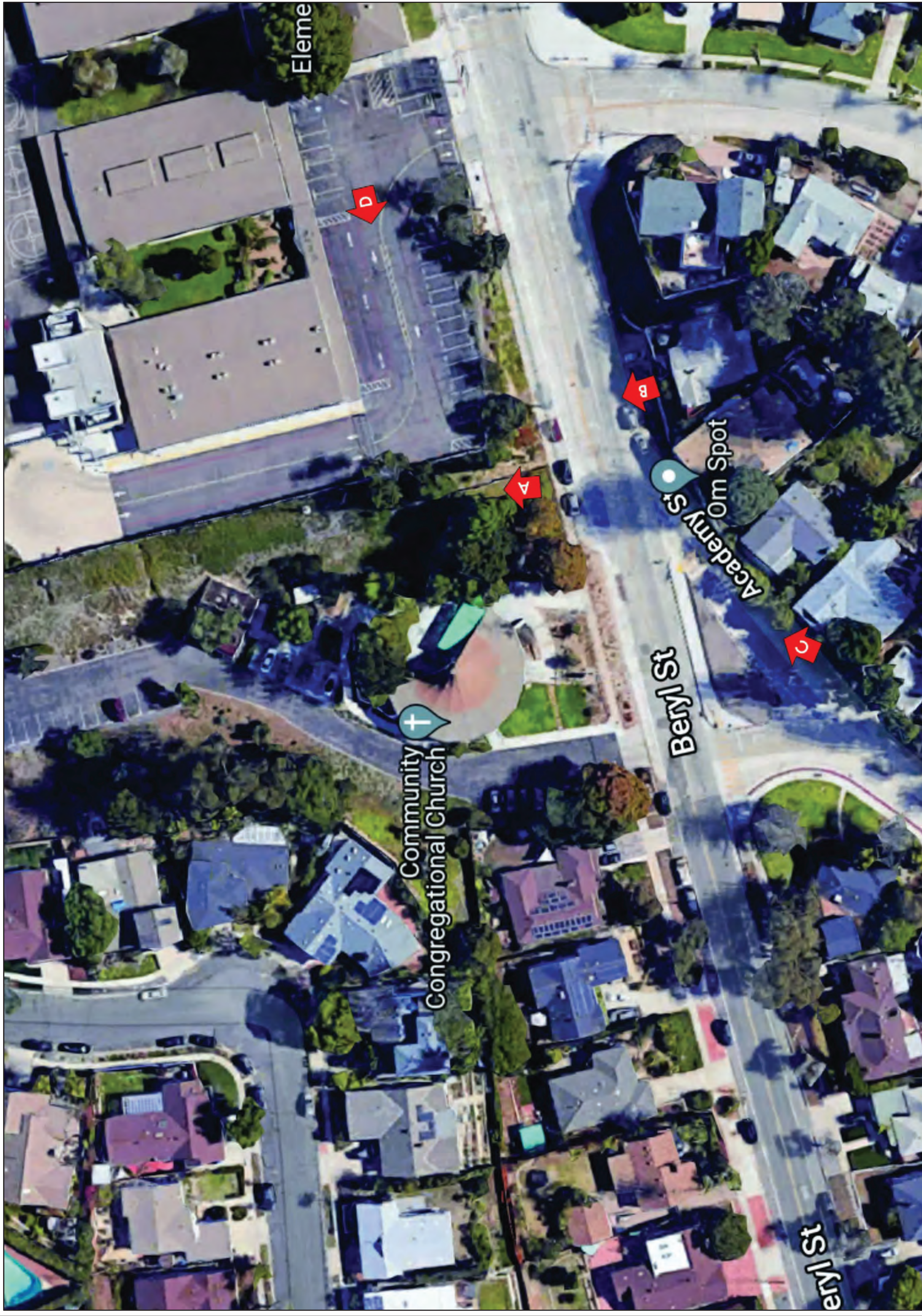
Drawing Title:

**SPECIAL INSPECTION NOTES**

Project No.: 210339800	Date: 05/06/22
Designer: SB	Checked By: SS
Drawn By: GD	Client Approval
PM Review: JR	
Issue No.: G	

**S01.0**





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 41745 Anza Road  
 Temecula, CA 92592  
 Phone: (951) 698-5985  
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CLIENT \_\_\_\_\_

PROJECT  
 30'-0" MONOEUCALYPTUS

LOCATION  
 COMMUNITY CONGREGATIONAL CHURCH  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR  
 PRODUCTION

DRAWN BY: CK'D BY: DATE  
 MAQ LEM 16DEC22

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL \_\_\_\_\_

SHEET TITLE  
 PHOTOSIM

WSC PROJECT NUMBER \_\_\_\_\_

DRAWING NUMBER \_\_\_\_\_

PAGE NUMBER  
 RF-1





**EXISTING VIEW-A**

SCALE: NONE

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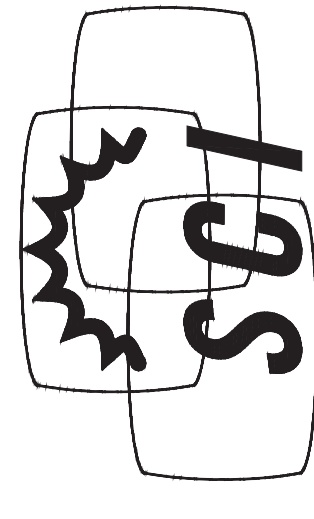


**PROPOSED VIEW-A**

SCALE: NONE

**2**

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CLIENT

PROJECT

**30'-0" MONOEUCALYPTUS**

LOCATION

**COMMUNITY CONGREGATIONAL CHURCH**

2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR

**PRODUCTION**

DW'N BY

CK'D BY

DATE

**MAQ LEM 16DEC22**

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL

SHEET TITLE

**PHOTOSIM**

WSC PROJECT NUMBER

DRAWING NUMBER

PAGE NUMBER

**RF-2**





**EXISTING VIEW-B**

SCALE: NONE

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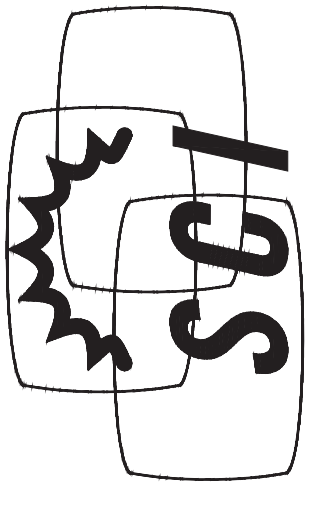


**PROPOSED VIEW-B**

SCALE: NONE

2

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CLIENT

PROJECT  
**30'-0" MONOEUCALYPTUS**

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**COMMUNITY CONGREGATIONAL CHURCH**  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR  
**PRODUCTION**

DRAWN BY: CK'D BY: DATE  
**MAQ LEM 16DEC22**

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL

SHEET TITLE  
**PHOTOSIM**

WSC PROJECT NUMBER

DRAWING NUMBER

PAGE NUMBER  
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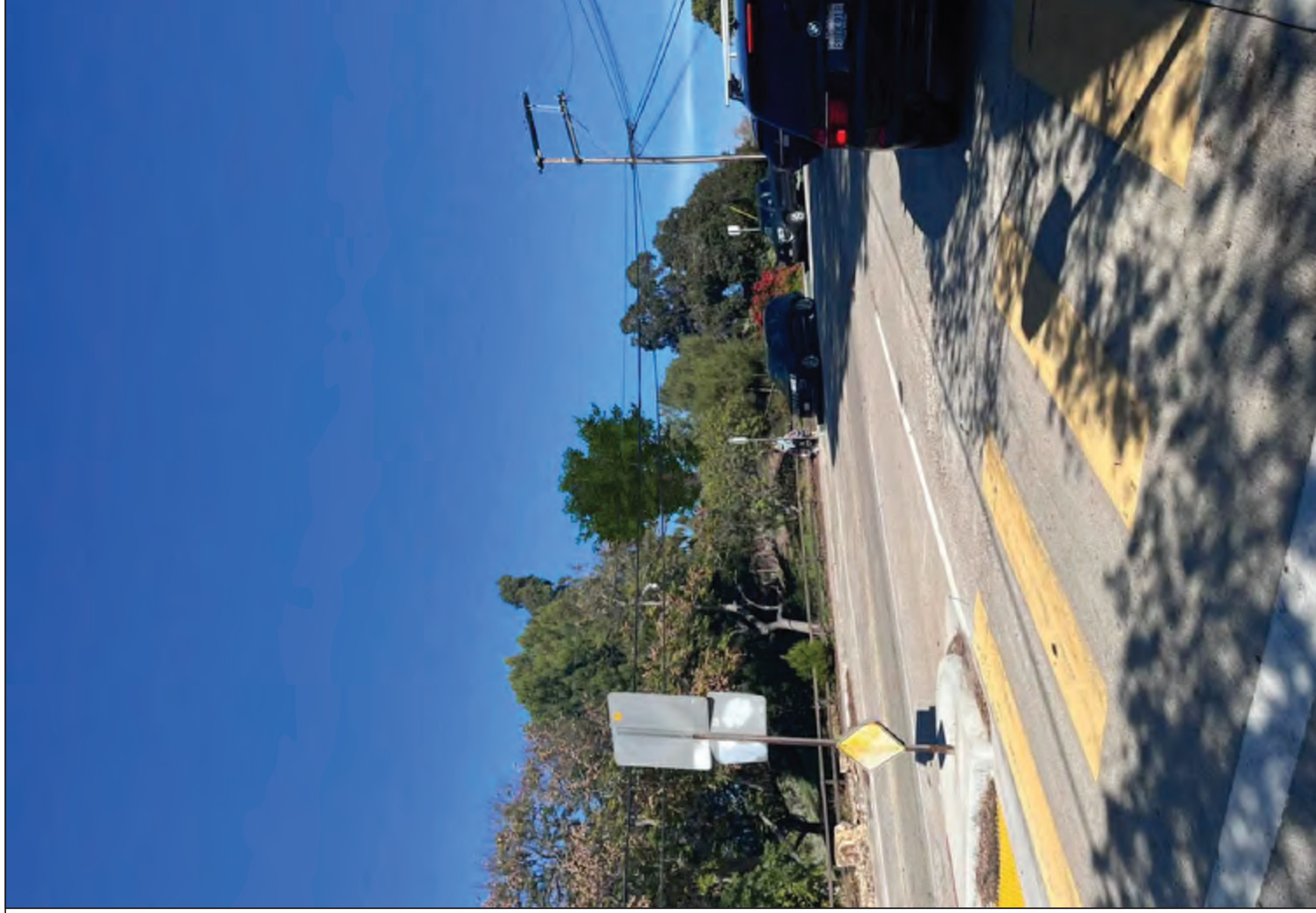




**EXISTING VIEW-C**

SCALE: NONE

**1**



**PROPOSED VIEW-C**

SCALE: NONE

**2**

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CLIENT

PROJECT  
**30'-0" MONOEUCALYPTUS**

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**COMMUNITY CONGREGATIONAL CHURCH**  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR  
**PRODUCTION**

DW'N BY: CK'D BY: DATE  
**MAQ LEM 16DEC22**

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL

SHEET TITLE  
**PHOTOSIM**

WSC PROJECT NUMBER

DRAWING NUMBER

PAGE NUMBER  
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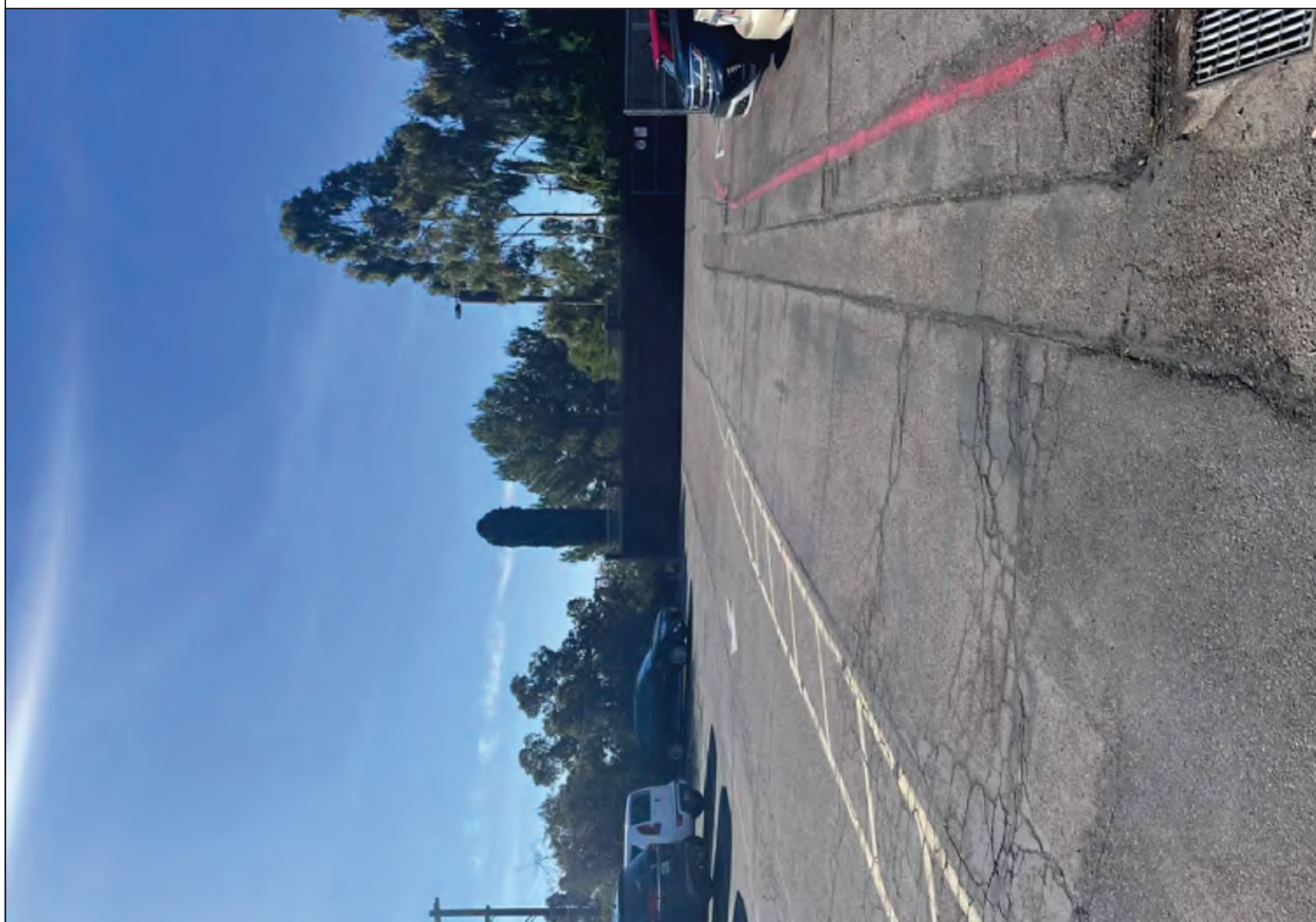




**EXISTING VIEW-D**

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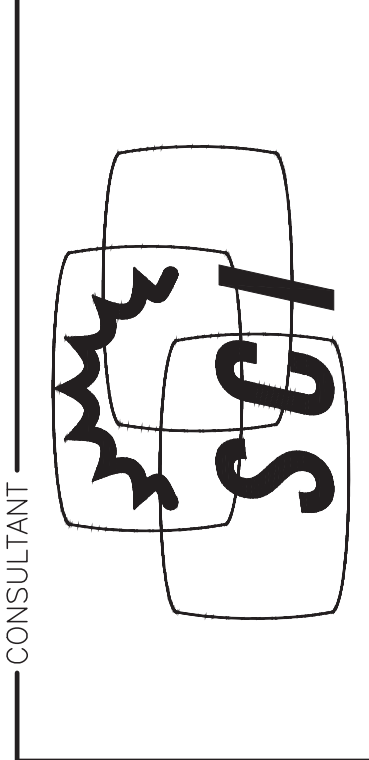
1



**PROPOSED VIEW-D**

SCALE: NONE

2



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PROJECT  
**30'-0" MONOEUCALYPTUS**

LOCATION  
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 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

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DW'N BY: CK'D BY: DATE  
**MAQ LEM 16DEC22**

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL \_\_\_\_\_

SHEET TITLE  
**PHOTOSIM**

WSC PROJECT NUMBER \_\_\_\_\_

DRAWING NUMBER \_\_\_\_\_

PAGE NUMBER  
**RF-5**



**EROSION AND SEDIMENT CONTROL NOTES**

- TEMPORARY EROSION/SEDIMENT CONTROL, PRIOR TO COMPLETION OF FINAL IMPROVEMENTS, SHALL BE PERFORMED BY THE CONTRACTOR OR QUALIFIED PERSON AS INDICATED BELOW:
- ALL REQUIREMENTS OF THE CITY OF SAN DIEGO "LAND DEVELOPMENT MANUAL, STORM WATER STANDARDS" MUST BE INCORPORATED INTO THE DESIGN AND CONSTRUCTION OF THE PROPOSED PUBLIC IMPROVEMENTS CONSISTENT WITH THE EROSION CONTROL PLAN AND/OR WATER POLLUTION CONTROL PLAN (WPCP), IF APPLICABLE.
- FOR STORM DRAIN INLETS, PROVIDE A GRAVEL BAG SILT BASIN IMMEDIATELY UPSTREAM OF INLET AS INDICATED ON DETAILS.
- THE CONTRACTOR OR QUALIFIED PERSON SHALL BE RESPONSIBLE FOR CLEANUP OF SILT AND MUD ON ADJACENT STREET(S) AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
- THE CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR RAINFALL.
- EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON.
- THE CONTRACTOR SHALL RESTORE ALL EROSION/SEDIMENT CONTROL DEVICES TO WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER OR RESIDENT ENGINEER AFTER EACH RUN-OFF PRODUCING RAINFALL.
- THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
- ALL EROSION SEDIMENT CONTROL MEASURES PROVIDED PER THE APPROVED IMPROVEMENT PLAN SHALL BE INCORPORATED HEREON. ALL EROSION/SEDIMENT CONTROL FOR INTERIM CONDITIONS SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT ENGINEER.
- ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN RAIN IS IMMINENT.
- THE CONTRACTOR SHALL ARRANGE FOR WEEKLY MEETINGS DURING OCTOBER 1ST TO APRIL 30TH FOR PROJECT TEAM (GENERAL CONTRACTOR, QUALIFIED PERSON, EROSION CONTROL SUBCONTRACTOR, IF ANY, ENGINEER OF WORK, OWNER/DEVELOPER AND THE RESIDENT ENGINEER) TO EVALUATE THE ADEQUACY OF THE EROSION/SEDIMENT CONTROL MEASURES AND OTHER RELATED CONSTRUCTION ACTIVITIES.

**BMP LEGEND**

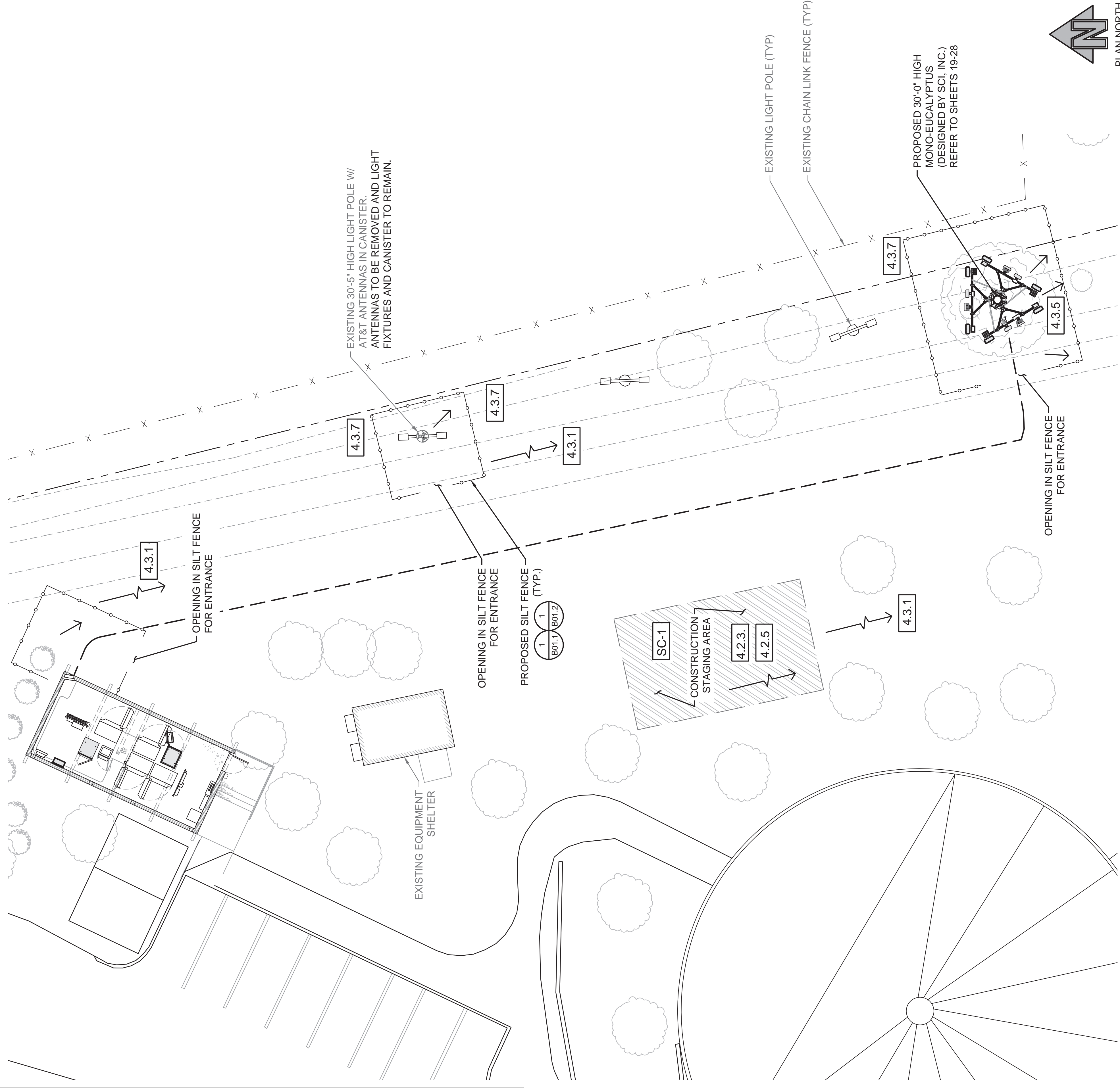
- SOURCE CONTROL BMP'S:**
- 4.2.1 PREVENTION OF ILLICIT DISCHARGES INTO THE M54
  - 4.2.4 PROTECT OUTDOOR MATERIAL STORAGE
  - 4.2.5 PROTECT TRASH STORAGE AREAS
  - SC-1 OUTDOOR STORAGE OF EQUIPMENT OR MATERIALS
- SITE DESIGN BMP'S:**
- 4.3.1 MAINTAIN NATURAL DRAINAGE PATHWAYS
  - 4.3.5 IMPERVIOUS AREA DISPERSION
  - 4.3.7 LA W/ NATIVE AND DROUGHT TOLERANT SPECIES



Know what's below.  
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN CALIFORNIA (SOUTH), CALL DIG ALERT TOLL FREE: 1-800-227-2600 OR WWW.DIGALERT.ORG CALIFORNIA STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

**STORM WATER MANAGEMENT PLAN**



JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

No.	Date	Action
-----	------	--------

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:  
**at&t**  
Your world. Delivered.

Plans Prepared By:  
**mh**  
**MORRISON HERSHFIELD**  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**BMP PLAN**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
GD	SS
PM Review:	Client Approval
JR	

Issue No.:	G
	B01.0

SCALE: 6 BASE ON 27" X 34" 0" SIZE

PLAN NORTH

SCALE: 1"=10'-0" (22x34)  
(OR) 1/2"=10'-0" (11x17)

0 5' 10'

1

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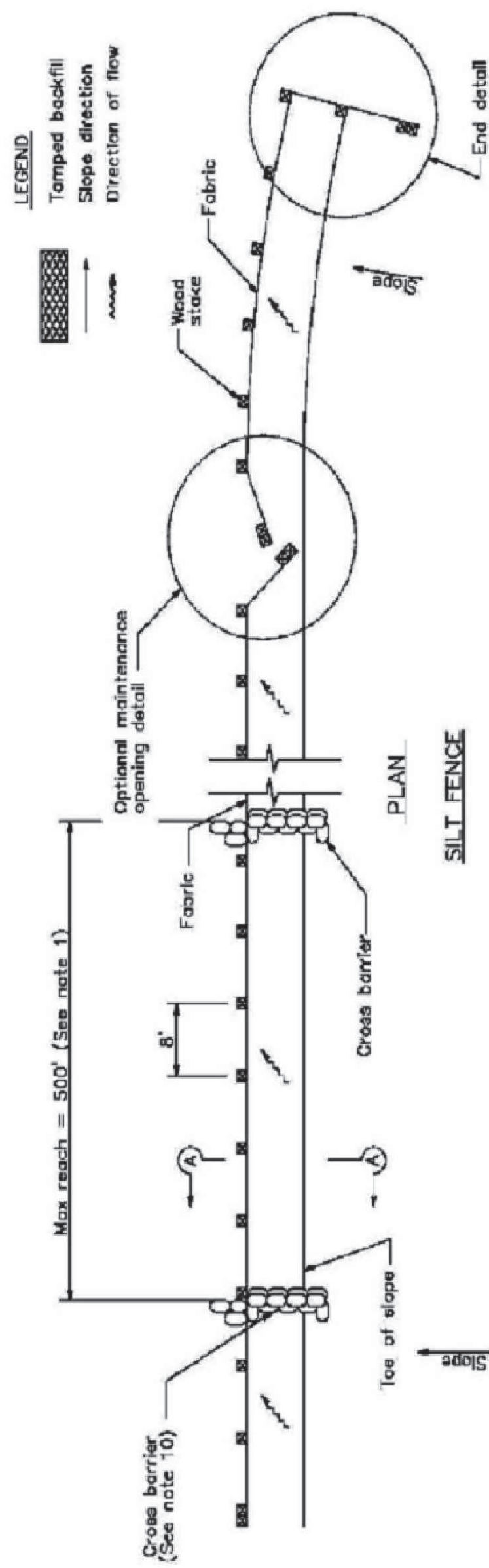


JURISDICTIONAL APPROVAL	
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C	06/15/22 CLIENT COMMENTS
B	06/07/22 JX COMMENTS
No.	Date
Plans Prepared For:	
<b>MD7</b> 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130	
Applicant:	
 Your world. Delivered.	
Plans Prepared By:	
 <b>MORRISON HERSHFELD</b> 5100 S MACADAM AVE. SUITE 500 PORTLAND, OR 97239 Tel: 503-595-9128 Fax: 503-595-9136 www.morrisonhersfield.com	
Project:	
<b>COMMUNITY CONGREGATIONAL CHURCH</b> SITE ID: SS0071 2088 BERYL STREET SAN DIEGO, CA 92109 FA: 10090957	
Drawing Title:	
<b>BMP DETAILS</b>	
Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	GD
Checked By:	SS
PM Review:	JR
Client Approval:	
Issue No.:	G
	B01.1

SCALE 6 BASE ON 27" X 34" 0" SIZE

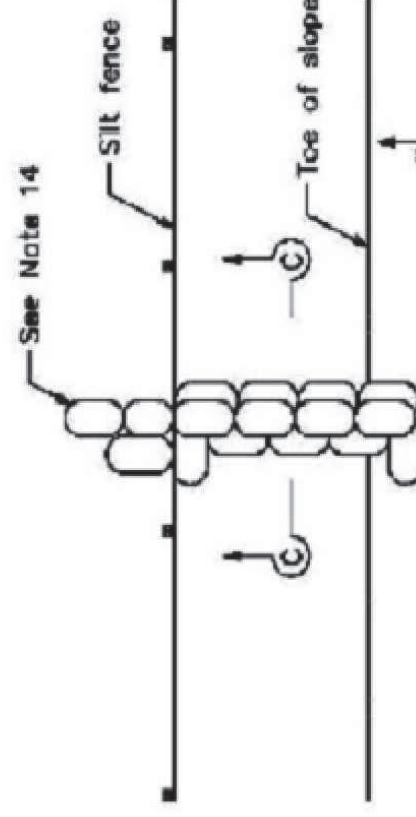
# Silt Fence

## SE-1

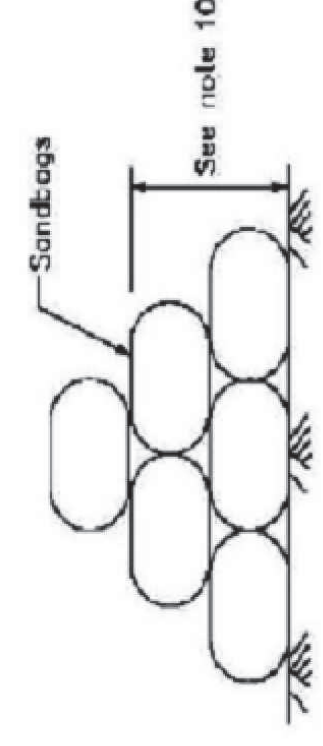


### NOTES

- Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier, in no case shall the reach length exceed 500'.
- The last 8'-0" of fence shall be turned up slope.
- Stake dimensions are nominal.
- Dimension may vary to fit field condition.
- Stakes shall be spaced at 8'-0" maximum and shall be positioned on downstream side of fence.
- Stakes to overlap and fence fabric to fold around each stake one full turn. Secure fabric to stake with 4 staples.
- Stakes shall be driven lightly together to prevent potential flow-through of sediment at joint. The tops of the stakes shall be secured with wire.
- For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staples.
- Minimum 4 staples per stake. Dimensions shown are typical.
- Cross barriers shall be a minimum of 1/3 and a maximum of 1/2 the height of the linear barrier.
- Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
- Joining sections shall not be pieced at sump locations.
- Sandbag rows and layers shall be offset to eliminate gaps.
- Add 3-4 bags to cross barrier on downstream side of silt fence as needed to prevent bypass or undermining and as allowable based on site limits of disturbance.

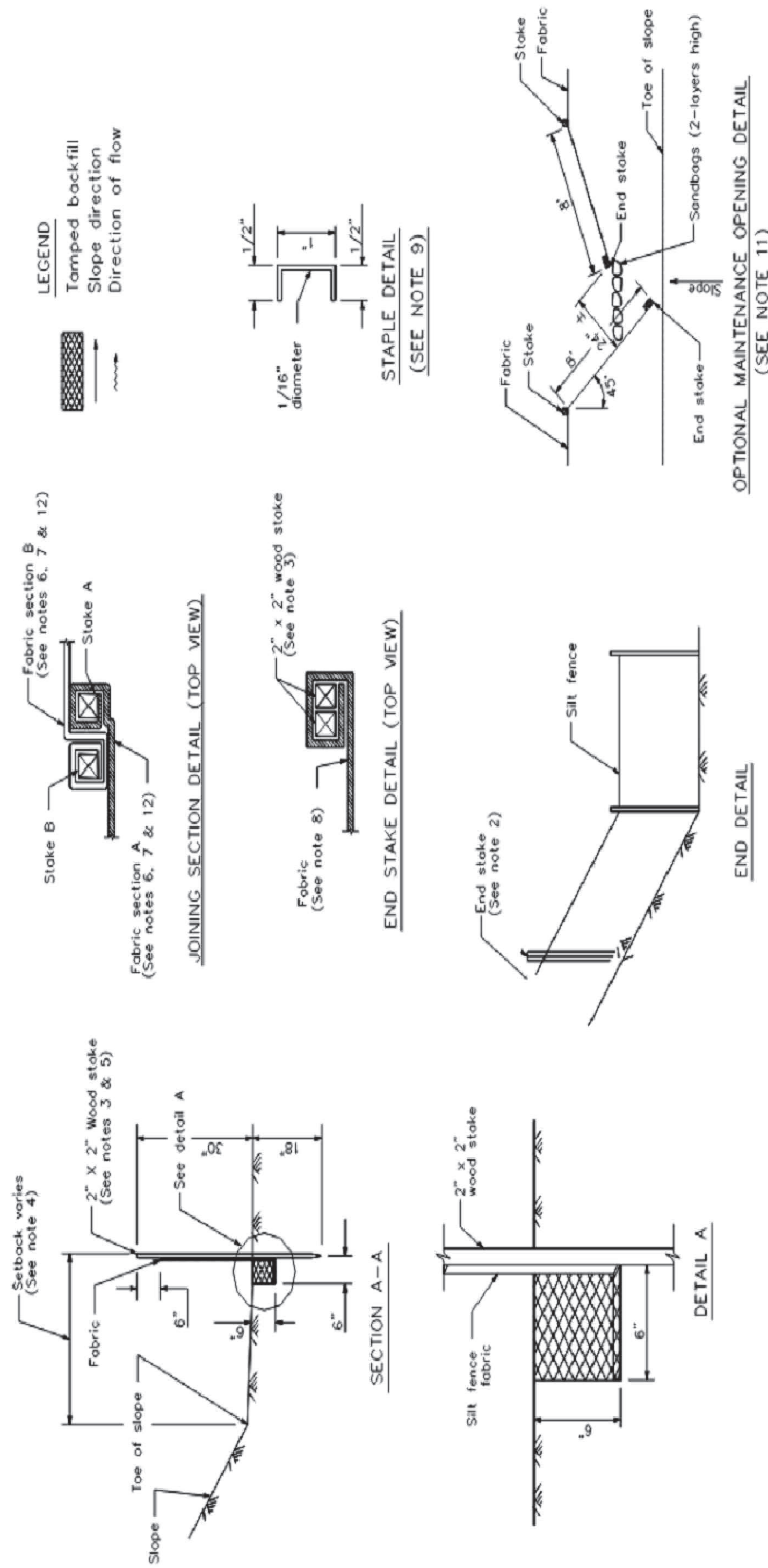


### SECTION C-C



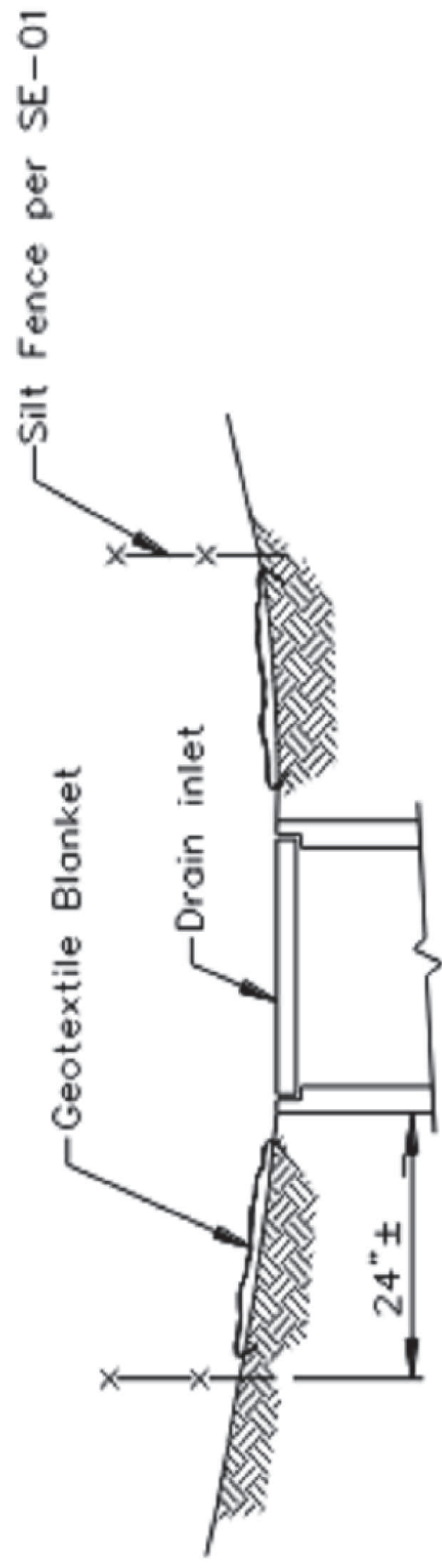
# Silt Fence

## SE-1

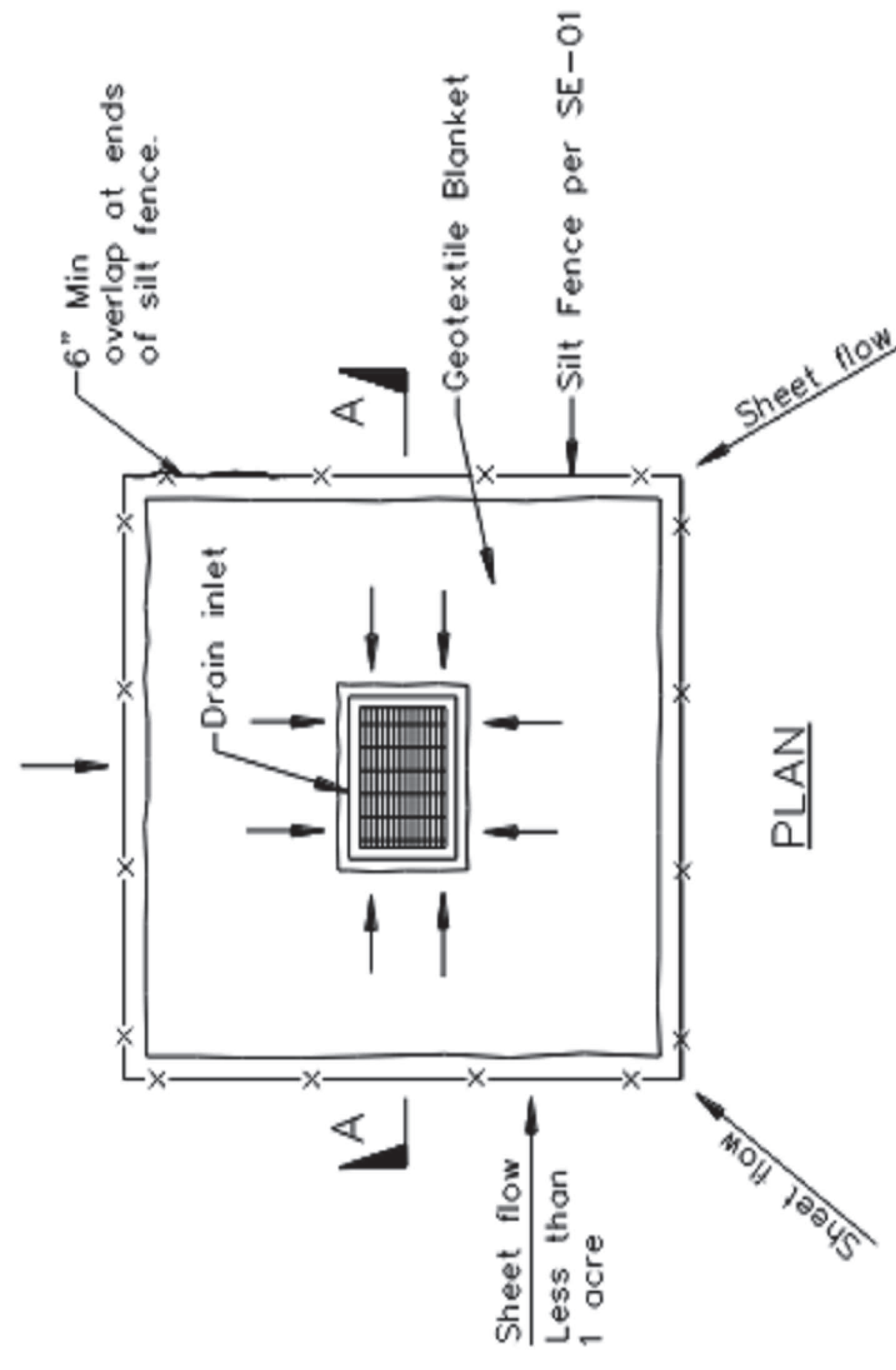




# Storm Drain Inlet Protection SE-10



SECTION A-A



PLAN

DI PROTECTION TYPE 1  
NOT TO SCALE

NOTES:

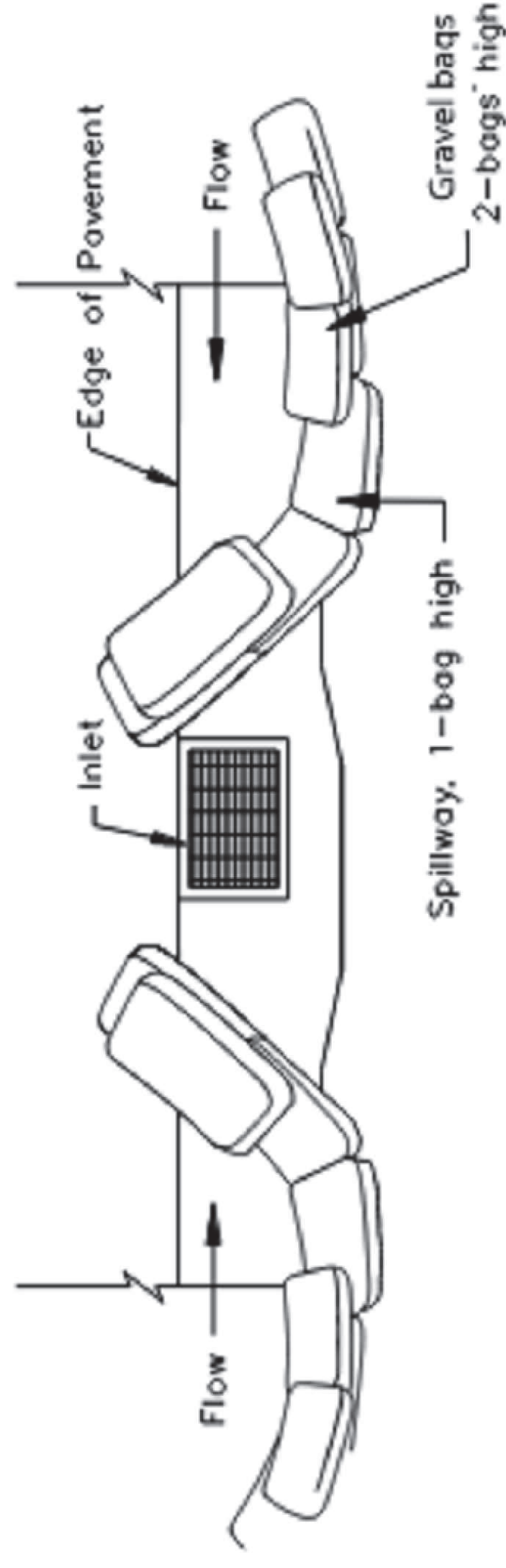
1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
2. Not applicable in paved areas.
3. Not applicable with concentrated flows.

July 2012

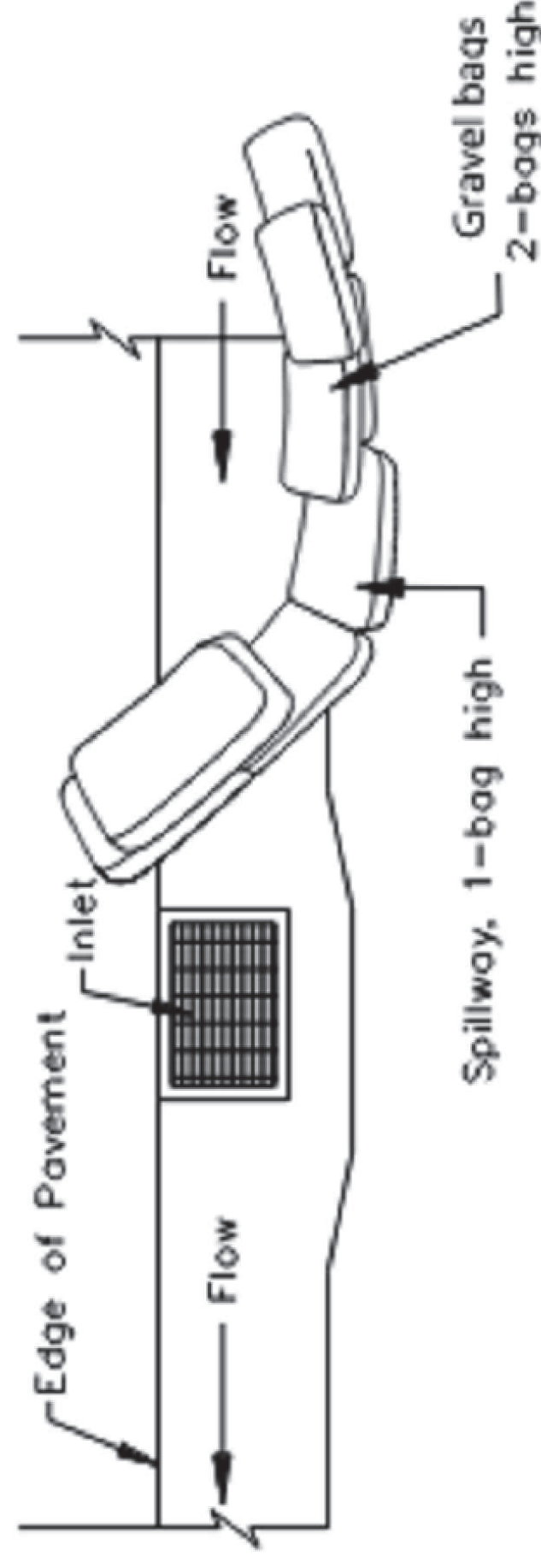
California Stormwater BMP Handbook  
Construction  
www.casqa.org

7 of 10

# Storm Drain Inlet Protection SE-10



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:

1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.
6. Protection can be effective even if it is not immediately adjacent to the inlet provided that the inlet is protected from potential sources of pollution.

DI PROTECTION TYPE 3  
NOT TO SCALE

June 2012

California Stormwater BMP Handbook  
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www.casqa.org

9 of 10

JURISDICTIONAL APPROVAL

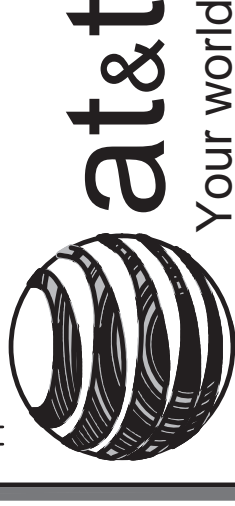
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No.	Date	Action
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F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:



Plans Prepared By:

**MH**  
**MORRISON HERSHFIELD**  
5100 S MACADAM AVE, SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**BMP DETAILS**

Project No.:

210339800

Designer:

SB

Date:

05/06/22

Drawn By:

SS

Checked By:

JR

PM Review:

Client Approval

Issue No.:

G

B01.2

STORM DRAIN INLET PROTECTION DETAIL

SCALE  
NTS.

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SCALE 6 BASE ON 27" X 34" 0" SIZE




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E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

No.	Date	Action
-----	------	--------

Plans Prepared For:  
**MD7**  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130

Applicant:  
  
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Plans Prepared By:  
  
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Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
 SITE ID: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

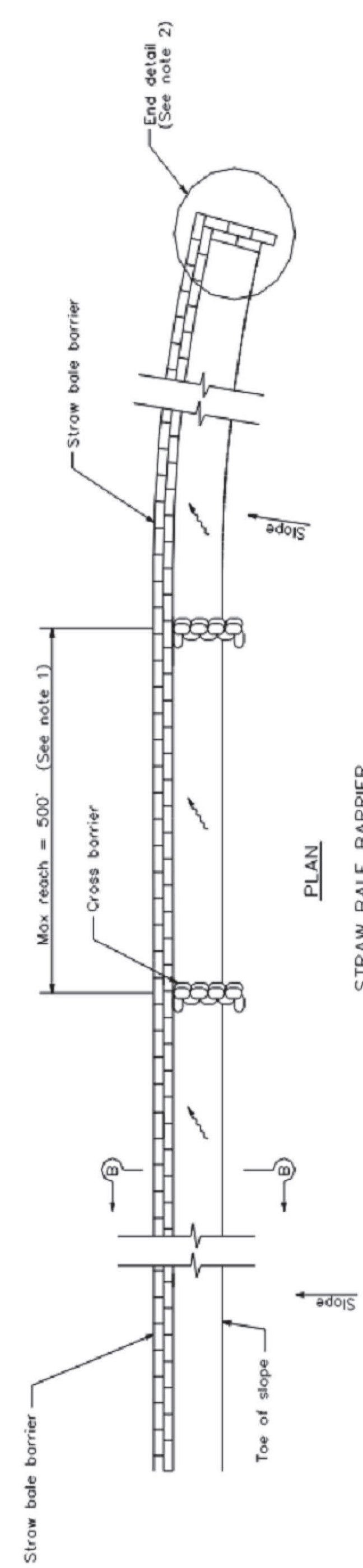
Drawing Title:  
**BMP DETAILS**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
JR	

Issue No.:	G	B01.3
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## Straw Bale Barrier

SE-9

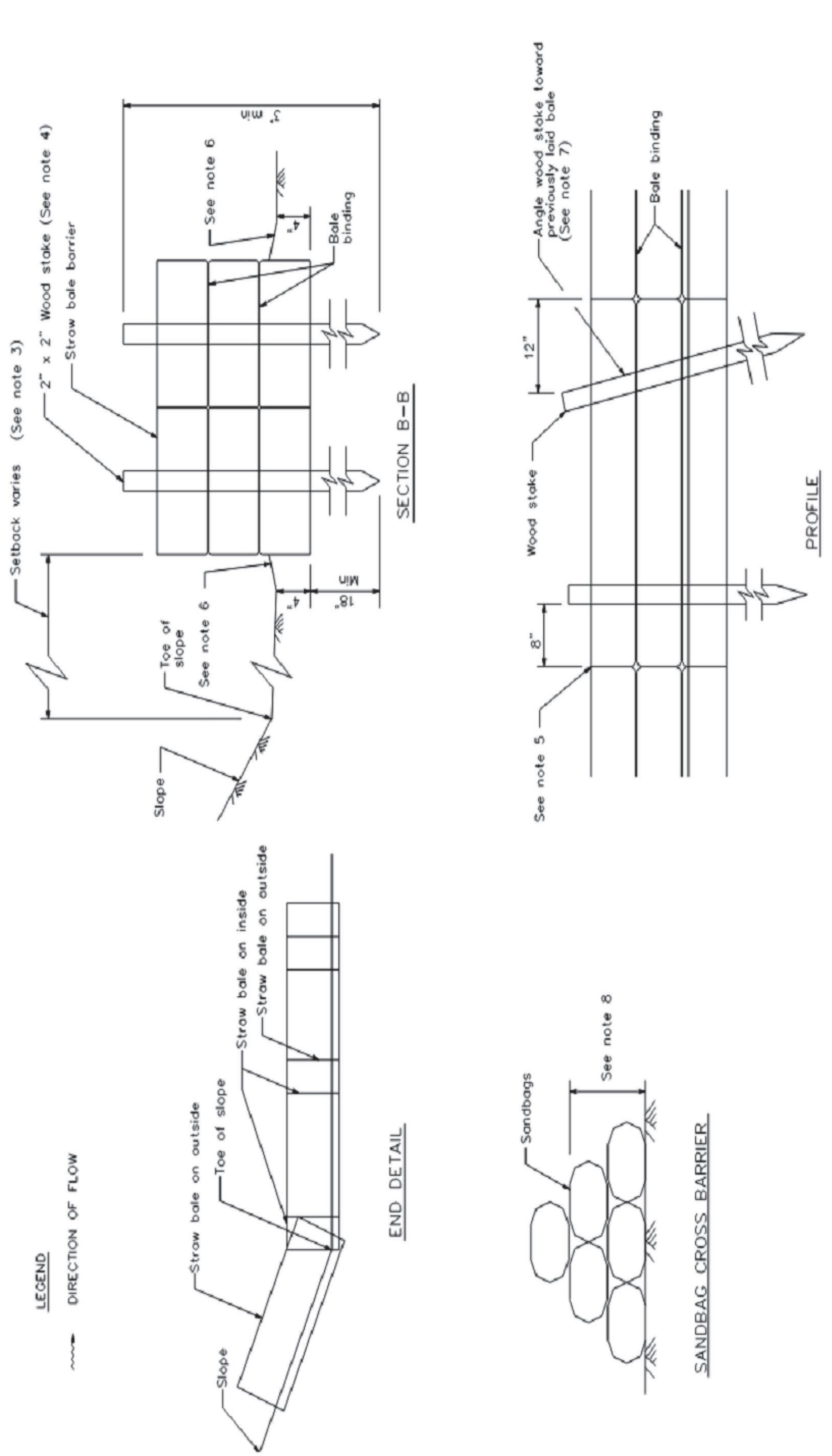


**NOTES**

- Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/2 the height of the linear barrier. In no case shall the reach length exceed 500'.
- The end of barrier shall be turned up slope.
- Dimension may vary to fit field condition.
- Stake dimensions are nominal.
- Place straw bales tightly together.
- Tamp embedment spoils against sides of installed bales.
- Drive angled wood stake before vertical stake to ensure tight abutment to adjacent bale.
- Sandbag cross barriers should be a min of 1/2 and a max of 2/3 the height of the linear barrier.
- Sandbag rows and layers should be offset to eliminate gaps.

## Straw Bale Barrier

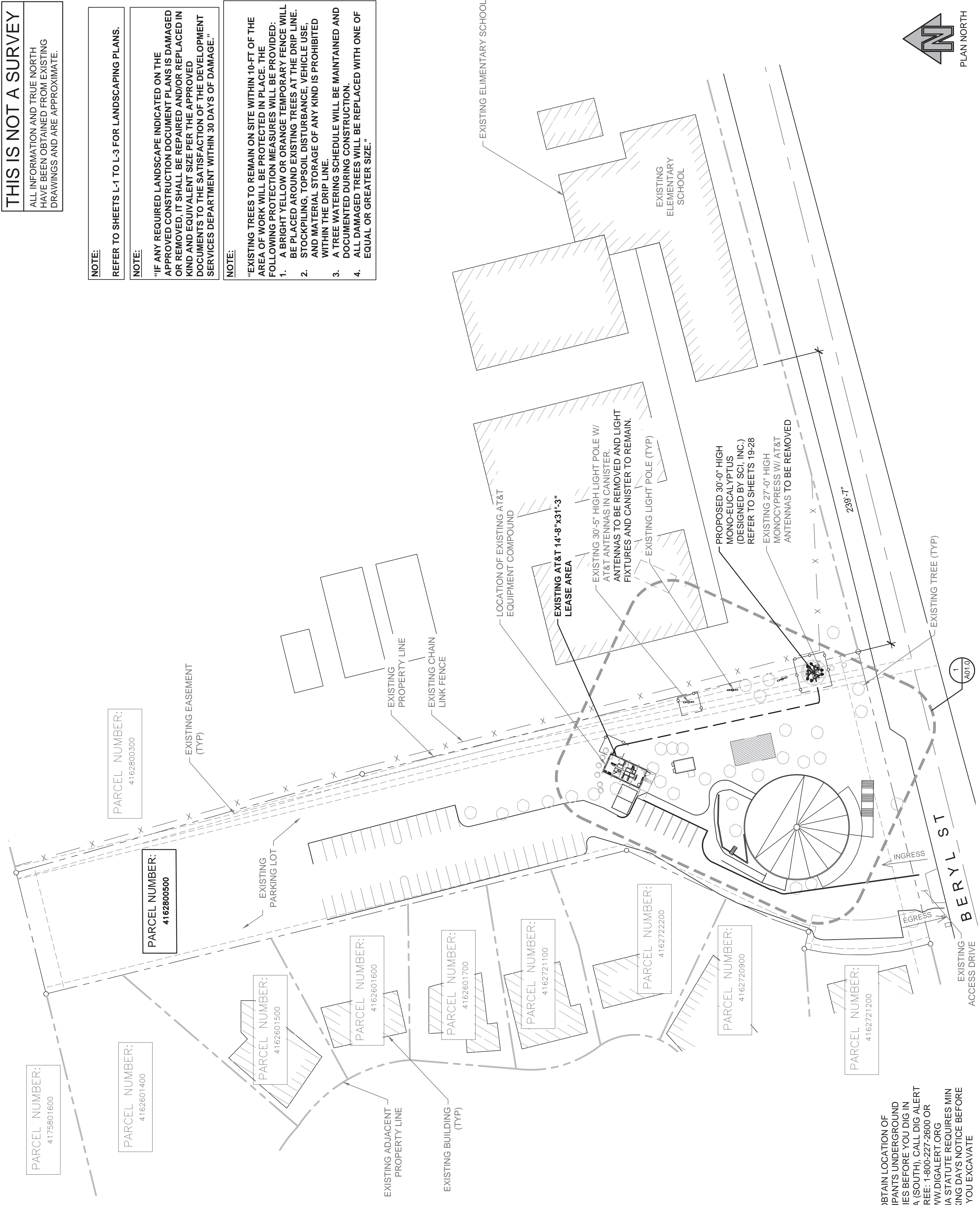
SE-9





**THIS IS NOT A SURVEY**  
 ALL INFORMATION AND TRUE NORTH  
 HAVE BEEN OBTAINED FROM EXISTING  
 DRAWINGS AND ARE APPROXIMATE.

- NOTE:**  
 REFER TO SHEETS L-1 TO L-3 FOR LANDSCAPING PLANS.
- NOTE:**  
 "IF ANY REQUIRED LANDSCAPE INDICATED ON THE  
 APPROVED CONSTRUCTION DOCUMENT PLANS IS DAMAGED  
 OR REMOVED, IT SHALL BE REPAIRED AND/OR REPLACED IN  
 KIND AND EQUIVALENT SIZE PER THE APPROVED  
 DOCUMENTS TO THE SATISFACTION OF THE DEVELOPMENT  
 SERVICES DEPARTMENT WITHIN 30 DAYS OF DAMAGE."
- NOTE:**  
 "EXISTING TREES TO REMAIN ON SITE WITHIN 10-FT OF THE  
 AREA OF WORK WILL BE PROTECTED IN PLACE. THE  
 FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:  
 1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL  
 BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.  
 2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE,  
 AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED  
 WITHIN THE DRIP LINE.  
 3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND  
 DOCUMENTED DURING CONSTRUCTION.  
 4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF  
 EQUAL OR GREATER SIZE."



Know what's below.  
 Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN CALIFORNIA (SOUTH), CALL DIG ALERT TOLL FREE: 1-800-227-2600 OR WWW.DIGALERT.ORG CALIFORNIA STATUTE REQUIRES MIN OF 2 WORKING DAYS NOTICE BEFORE YOU EXCAVATE

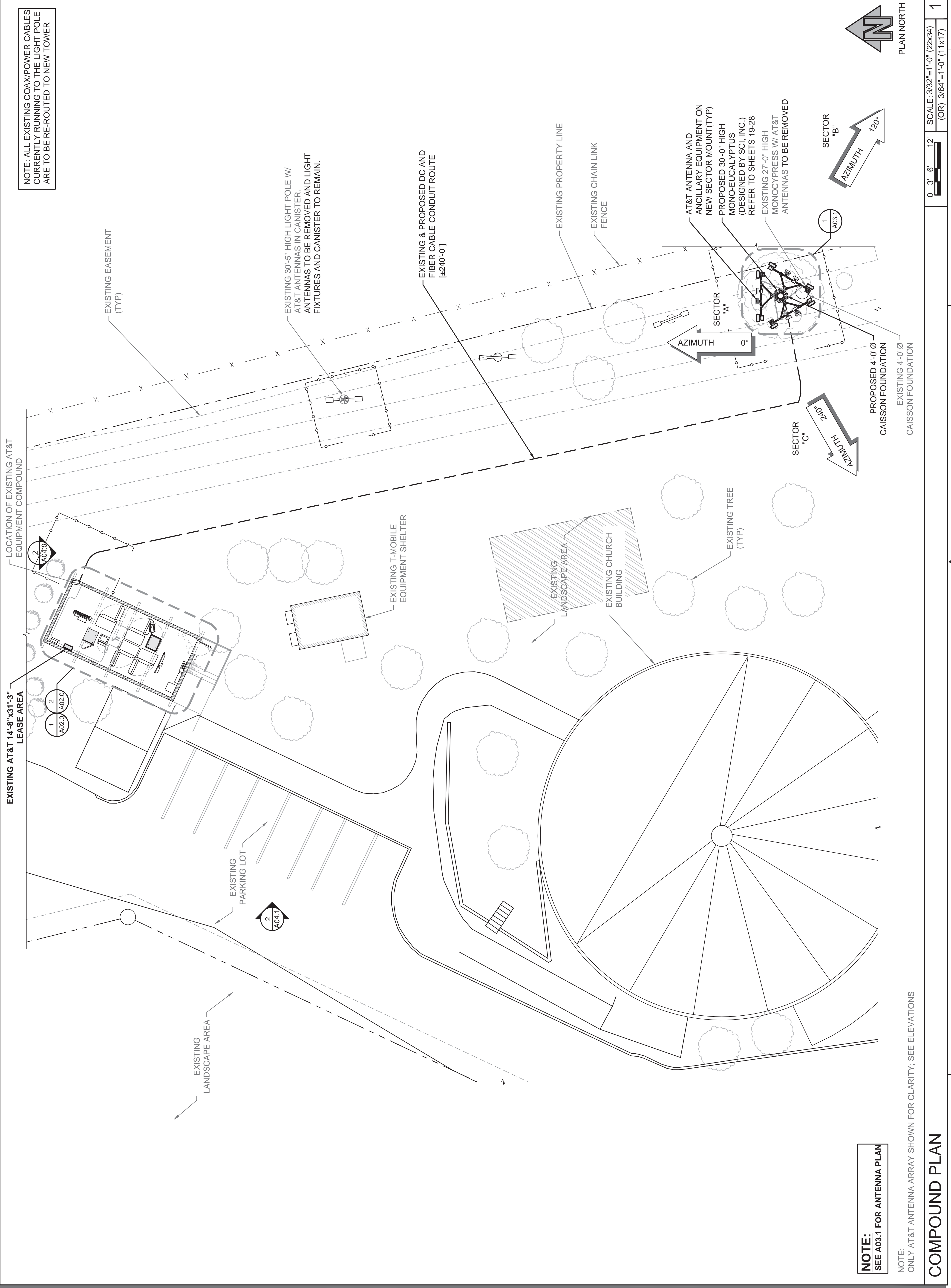
**SITE PLAN**

SCALE: 1"=40'-0" (22x34)  
 (OR) 1/2"=40'-0" (11x17)

PLAN NORTH

JURISDICTIONAL APPROVAL		
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G	05/24/23 JX COMMENTS	
F	11/14/22 CLIENT COMMENTS	
E	08/17/22 CLIENT COMMENTS	
D	06/29/22 CLIENT COMMENTS	
C	06/15/22 CLIENT COMMENTS	
B	06/07/22 JX COMMENTS	
No.	Date	Action
Plans Prepared For:		
<b>MD7</b> 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130		
Applicant:		
Your world. Delivered.		
Plans Prepared By:		
MORRISON HERSHFIELD 5100 S MACADAM AVE, SUITE 500 PORTLAND, OR 97239 Tel: 503-595-9128 Fax: 503-595-9136 www.morrisonhershfield.com		
Project:		
COMMUNITY CONGREGATIONAL CHURCH SITE ID: SS0071 2088 BERYL STREET SAN DIEGO, CA 92109 FA: 10090957		
Drawing Title:		
SITE PLAN		
Project No.:	210339800	
Designer:	SB	
Date:	05/06/22	
Drawn By:	SS	
Checked By:	SS	
PM Review:	Client Approval	
JR	Client Approval	
Issue No.:	G	C01.0





NOTE: ALL EXISTING COAX/POWER CABLES CURRENTLY RUNNING TO THE LIGHT POLE ARE TO BE RE-ROUTED TO NEW TOWER

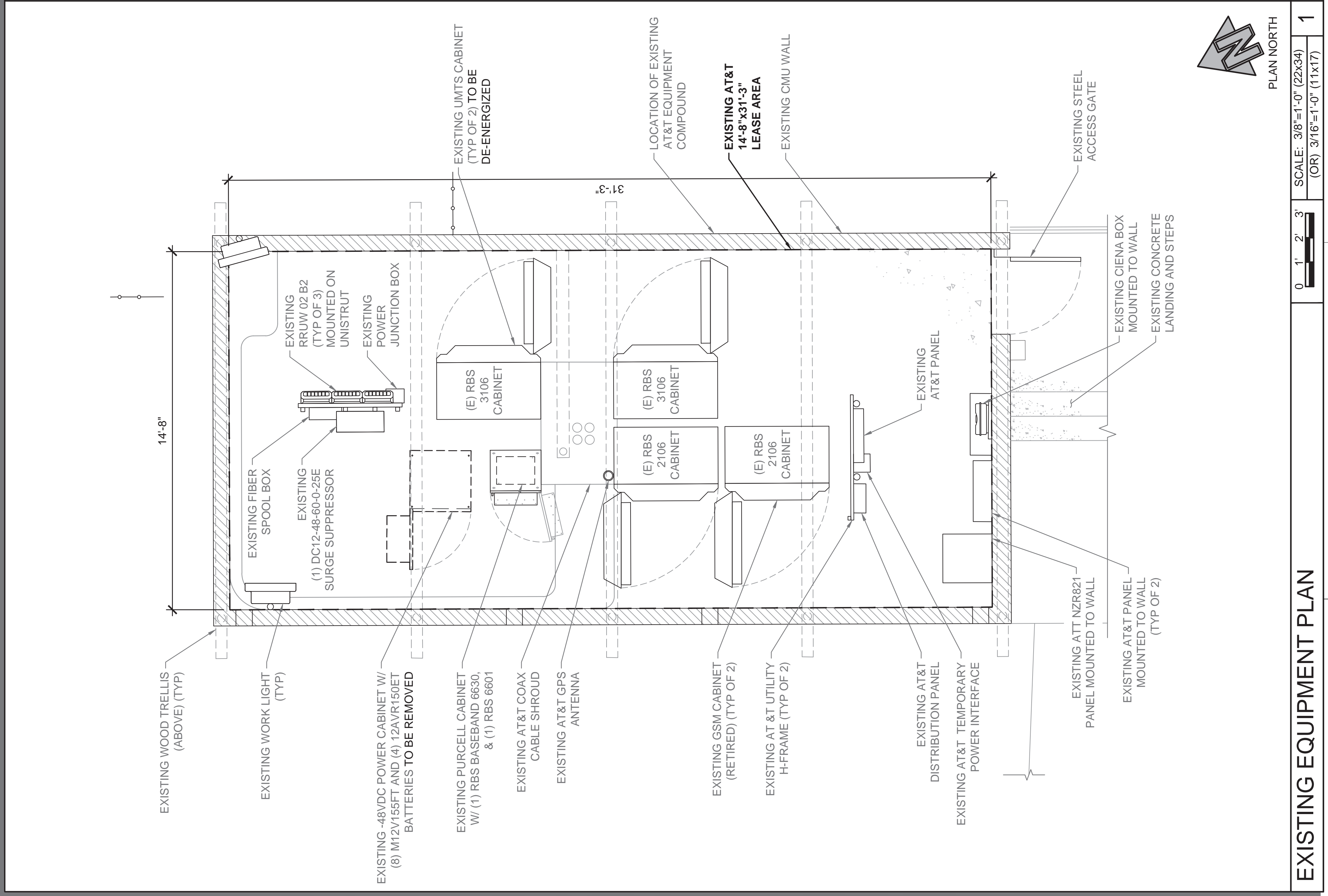
NOTE:  
SEE A03.1 FOR ANTENNA PLAN

NOTE:  
ONLY AT&T ANTENNA ARRAY SHOWN FOR CLARITY; SEE ELEVATIONS

**COMPOUND PLAN**

JURISDICTIONAL APPROVAL		
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No.	Date	Action
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 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130		
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 Your world. Delivered.		
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Drawing Title:		
<b>COMPOUND PLAN</b>		
Project No.:	210339800	
Designer:	SB	
Date:	05/06/22	
Drawn By:	SS	
Checked By:	SS	
PM Review:	JR	
Client Approval:		
Issue No.:	G	A01.0



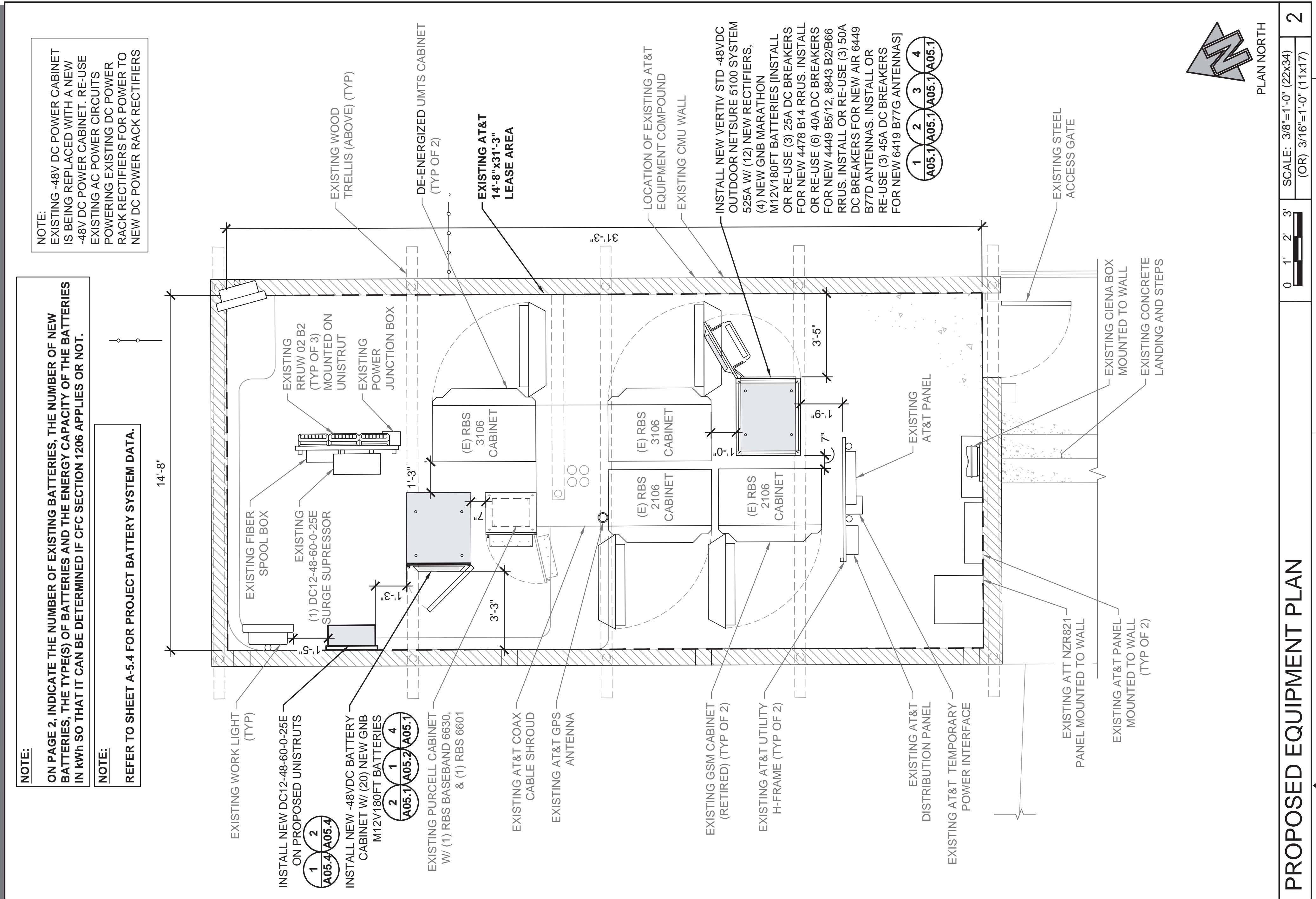


**EXISTING EQUIPMENT PLAN**

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

PLAN NORTH

1



**NOTE:**  
ON PAGE 2, INDICATE THE NUMBER OF EXISTING BATTERIES, THE NUMBER OF NEW BATTERIES, THE TYPE(S) OF BATTERIES AND THE ENERGY CAPACITY OF THE BATTERIES IN kWh SO THAT IT CAN BE DETERMINED IF CFC SECTION 1206 APPLIES OR NOT.

**NOTE:**  
REFER TO SHEET A-5.4 FOR PROJECT BATTERY SYSTEM DATA.

**PROPOSED EQUIPMENT PLAN**

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

PLAN NORTH

2

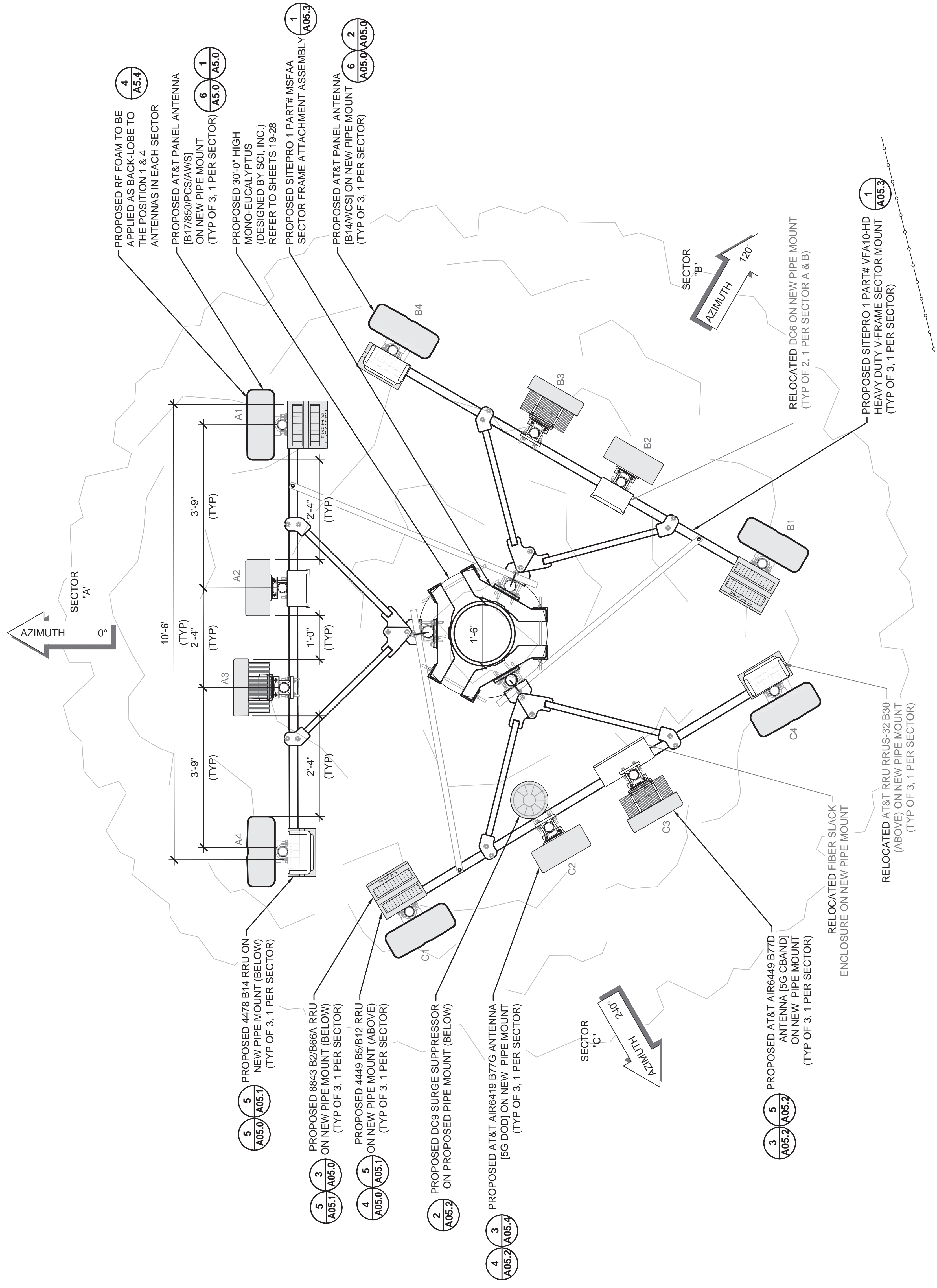
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No.	Date	Action
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 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130		
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Project:		
COMMUNITY CONGREGATIONAL CHURCH SITE ID: SS0071 2088 BERYL STREET SAN DIEGO, CA 92109 FA: 10090957		
Drawing Title:		
EQUIPMENT PLANS		
Project No.:		
210339800		
Designer:	Date:	05/06/22
SB	Checked By:	SS
Drawn By:	GD	Client Approval
PM Review:	JR	Issue No.:
G	A02.0	







NOTE: REFER TO MOUNT ANALYSIS REPORT PERFORMED BY MORRISON HERSHFIELD ON 04-11-22



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B	06/07/22	JX COMMENTS

Plans Prepared For:  
**MD7**  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130



Plans Prepared By:  
**M**  
**MORRISON HERSHFIELD**  
 5100 S MACADAM AVE. SUITE 500  
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 Tel: 503-595-9128 Fax: 503-595-9136  
 www.morrisonhershfield.com

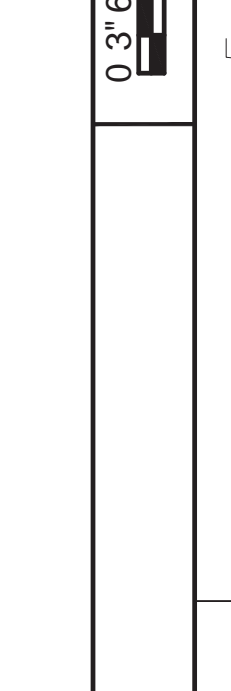
Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
 SITE ID: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

Drawing Title:  
**PROPOSED ANTENNA PLAN**

Project No.: 210339800	Date: 05/06/22
Designer: SB	Checked By: SS
Drawn By: GD	Client Approval
PM Review: JR	
Issue No.: G	A03.1

JURISDICTIONAL APPROVAL

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



PLAN NORTH

1 2 3 4 5 6

PROPOSED ANTENNA PLAN

1

1

1



**EXISTING ANTENNA CONFIGURATION AND SCHEDULE - PER RFDS VERSION 1.0 - DATED 04-25-22**

CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
<b>SECTOR A</b>									
UMTS 850	A1	0°	26'-2"	7780	(1) ERICSON TMA	-	-	7/8" COAX	±135.0'
UMTS 1900	A1	0°	26'-2"	7780	(1) ERICSON TMA	-	-	7/8" COAX	±135.0'
GSM 850	A2	0°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-32 E30	(1) DC6	7/8" COAX	±12.0'
LTE WCS	A2	0°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
LTE 700	A3	0°	23'-0"	SBNHH-1D65B	-	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
LTE 1900	A3	0°	23'-0"	SBNHH-1D65B	-	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
<b>SECTOR B</b>									
CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
UMTS 850	B1	120°	26'-2"	7780	(1) ERICSON TMA	-	-	7/8" COAX	±135.03'
UMTS 1900	B1	120°	26'-2"	7780	(1) ERICSON TMA	-	-	7/8" COAX	±135.03'
GSM 850	B2	120°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-32 E30	(1) DC6	7/8" COAX	±12.0'
LTE WCS	B2	120°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
LTE 700	B3	120°	23'-0"	SBNHH-1D65B	(1) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
LTE 1900	B3	120°	23'-0"	SBNHH-1D65B	(1) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) DC6	7/8" COAX	±12.0'
<b>SECTOR C</b>									
CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
UMTS 850	C1	240°	26'-2"	7780	(1) ERICSON TMA	-	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±135.03'
UMTS 1900	C1	240°	26'-2"	7780	(1) ERICSON TMA	-	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±135.03'
GSM 850	C2	240°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-32 E30	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±12.0'
LTE WCS	C2	240°	23'-0"	SBNHH-1D65B	(2) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±12.0'
LTE 700	C3	240°	23'-0"	SBNHH-1D65B	(1) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±12.0'
LTE 1900	C3	240°	23'-0"	SBNHH-1D65B	(1) KRY 112 75/ 1	(1) RRUS-1 B12 (1) RRUS-32 B2	(1) FIBER SLACK ENCLOSURE	7/8" COAX	±12.0'

**PROPOSED ANTENNA CONFIGURATION AND SCHEDULE - PER RFDS VERSION 1.0 - DATED 04-25-22**

CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
<b>SECTOR A</b>									
B17/850/PCS/AWS	A1	0°	24'-0"	NNH4-65B-R6H4	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	-	1/2" COAX	±10'-0"
5G DOD	A2	0°	25'-10"	AIR6419 B77G	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) DC6	-	-
5G CBAND	A3	0°	25'-9"	AIR6449 B77D	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) DC6	-	-
B14/WCS	A4	0°	24'-0"	NNHH-65B-R4	-	(1) 4478 B14 (1) RRUS-32 E30	-	1/2" COAX	±10'-0"
<b>SECTOR B</b>									
CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
B17/850/PCS/AWS	B1	120°	24'-0"	NNH4-65B-R6H4	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	-	1/2" COAX	±10'-0"
5G DOD	B2	120°	25'-10"	AIR6419 B77G	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) DC6	-	-
5G CBAND	B3	120°	25'-9"	AIR6449 B77D	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) DC6	-	-
B14/WCS	B4	120°	24'-0"	NNHH-65B-R4	-	(1) 4478 B14 (1) RRUS-32 E30	-	1/2" COAX	±10'-0"
<b>SECTOR C</b>									
CARRIER/ SPECTRUM	ANTENNA POSITION	AZIMUTH	RAD CENTER	MODEL	TMA	RRU	OTHER EQUIPMENT	FEEDER JUMPER	FEEDER LENGTH
B17/850/PCS/AWS	C1	240°	24'-0"	NNH4-65B-R6H4	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	-	1/2" COAX	±10'-0"
5G DOD	C2	240°	25'-10"	AIR6419 B77G	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) DC9	-	-
5G CBAND	C3	240°	25'-9"	AIR6449 B77D	-	(1) 4448 B5/B12 (1) 8843 B2/B6A	(1) FIBER SLACK ENCLOSURE	-	-
B14/WCS	C4	240°	24'-0"	NNHH-65B-R4	-	(1) 4478 B14 (1) RRUS-32 E30	-	1/2" COAX	±10'-0"

NOTE: 1. REMOVE ALL UNNECESSARY HARDWARE AND TMA's TO MAKE SPACE FOR PROPOSED RRU's AND SURGE PROTECTORS.

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT. MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

G	05/24/23	JX	COMMENTS
F	11/14/22	CLIENT	COMMENTS
E	08/17/22	CLIENT	COMMENTS
D	06/29/22	CLIENT	COMMENTS
C	06/15/22	CLIENT	COMMENTS
B	06/07/22	JX	COMMENTS

No. Date Action

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:  
**at&t**  
Your world. Delivered.

Plans Prepared By:  
**mh**  
**MORRISON HERSHFIELD**  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957



Drawing Title:

**ANTENNA SCHEDULES**

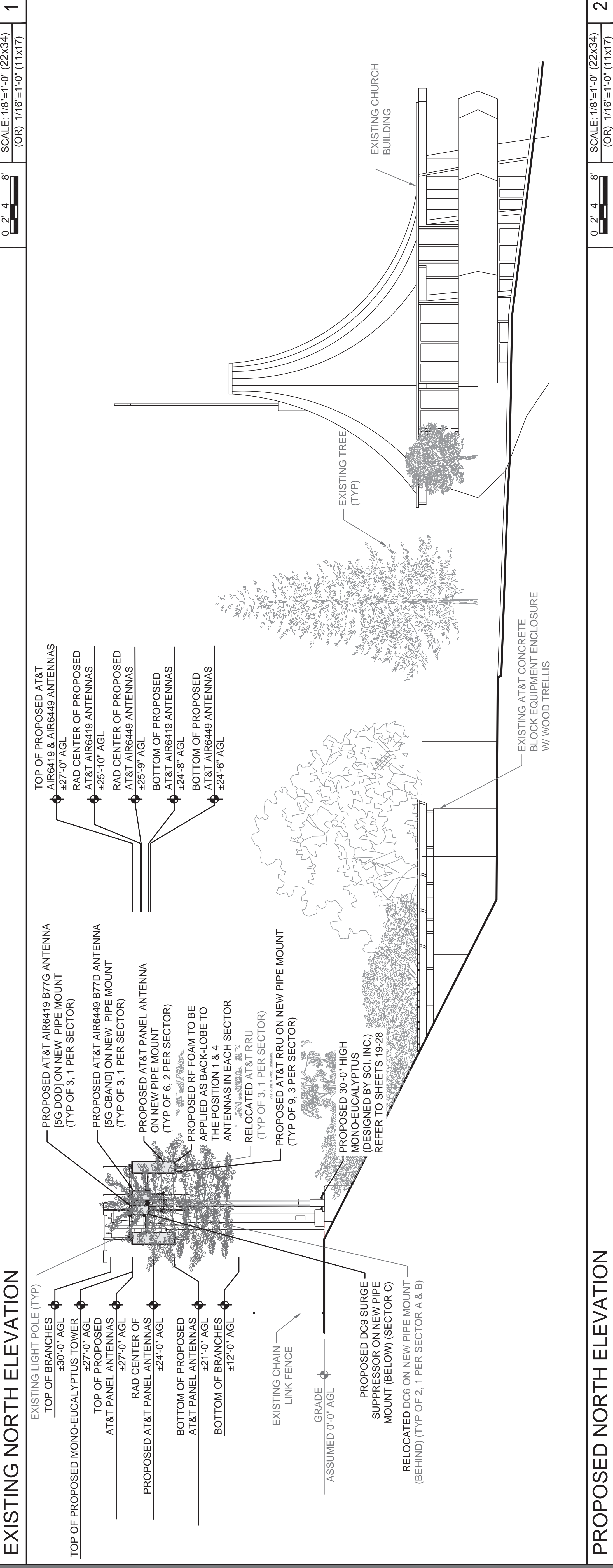
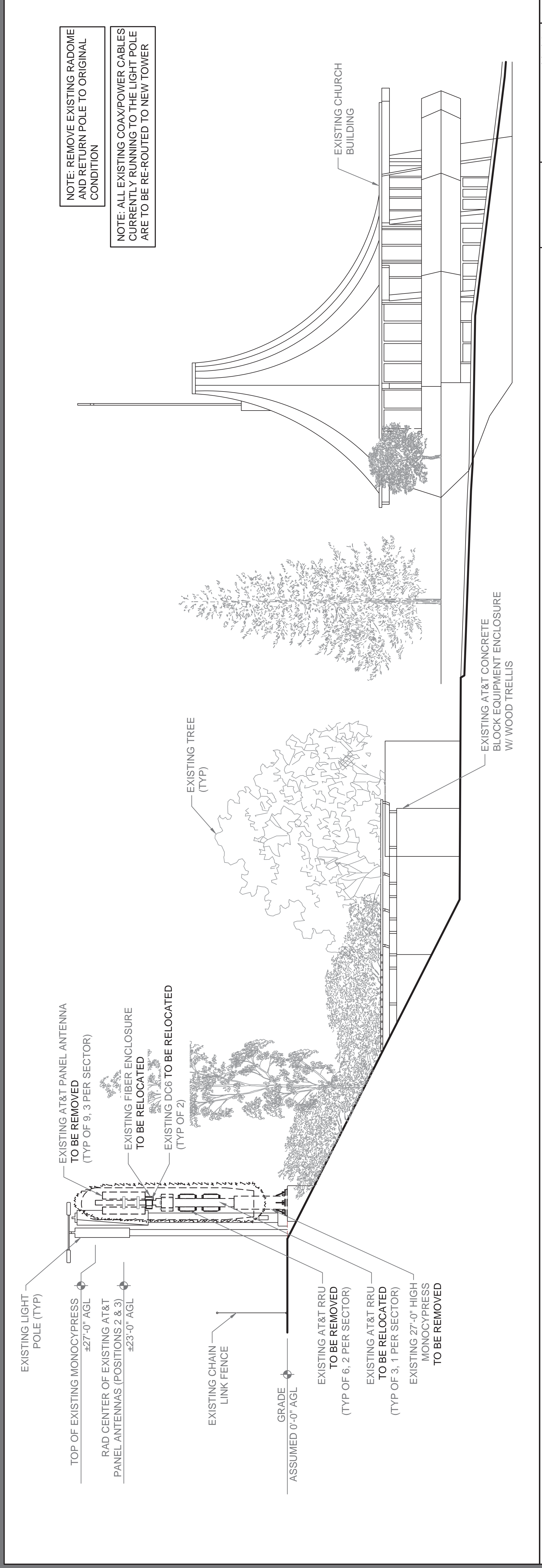
Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
JR	
Issue No.:	G

G A03.2



JURISDICTIONAL APPROVAL	
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G	05/24/23 JX COMMENTS
F	11/14/22 CLIENT COMMENTS
E	08/17/22 CLIENT COMMENTS
D	06/29/22 CLIENT COMMENTS
C	06/15/22 CLIENT COMMENTS
B	06/07/22 JX COMMENTS
No.	Date
Action	
Plans Prepared For:	
<b>MD7</b> 10590 WEST OCEAN AIR DRIVE SUITE 300 SAN DIEGO, CA 92130	
Applicant:	
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Plans Prepared By:	
 <b>MORRISON HERSHFELD</b> 5100 S MACADAM AVE. SUITE 500 PORTLAND, OR 97239 Tel: 503-595-9128 Fax: 503-595-9136 www.morrisonhersfield.com	
Project:	
<b>COMMUNITY CONGREGATIONAL CHURCH</b> SITE ID: SS0071 2088 BERYL STREET SAN DIEGO, CA 92109 FA: 10090957	
Drawing Title:	
<b>NORTH ELEVATIONS</b>	
Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	JR
Client Approval:	
Issue No.:	G
	A04.0

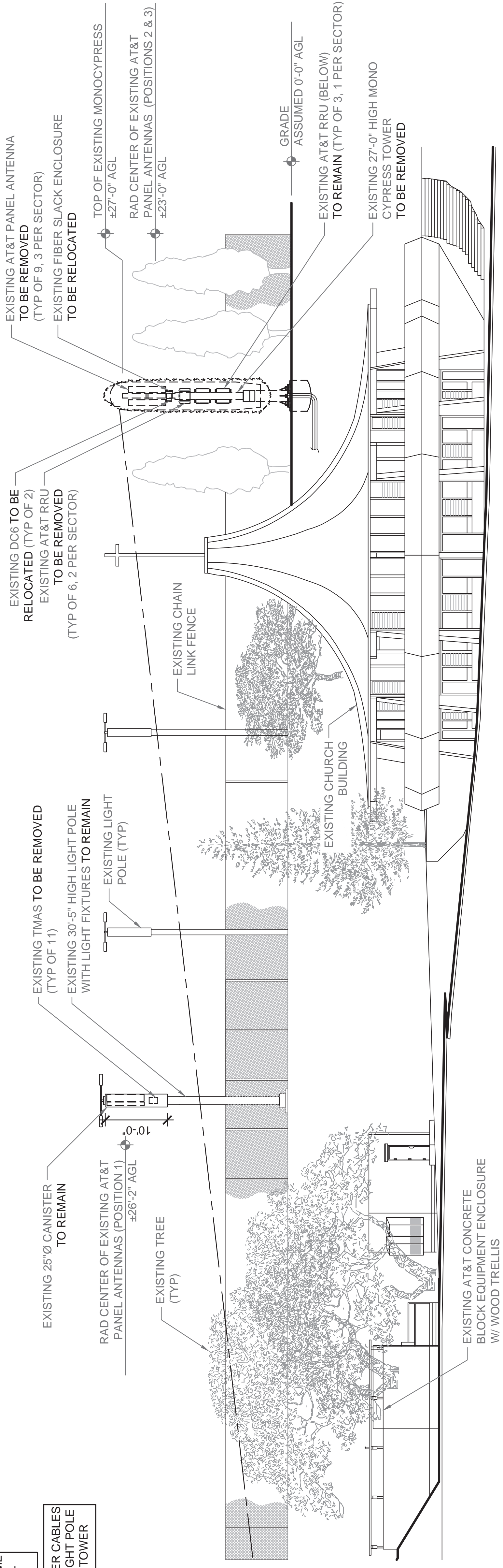
SCALE 6 BASE ON 27" X 34" D SIZE





NOTE: REMOVE EXISTING RADOME AND RETURN POLE TO ORIGINAL CONDITION

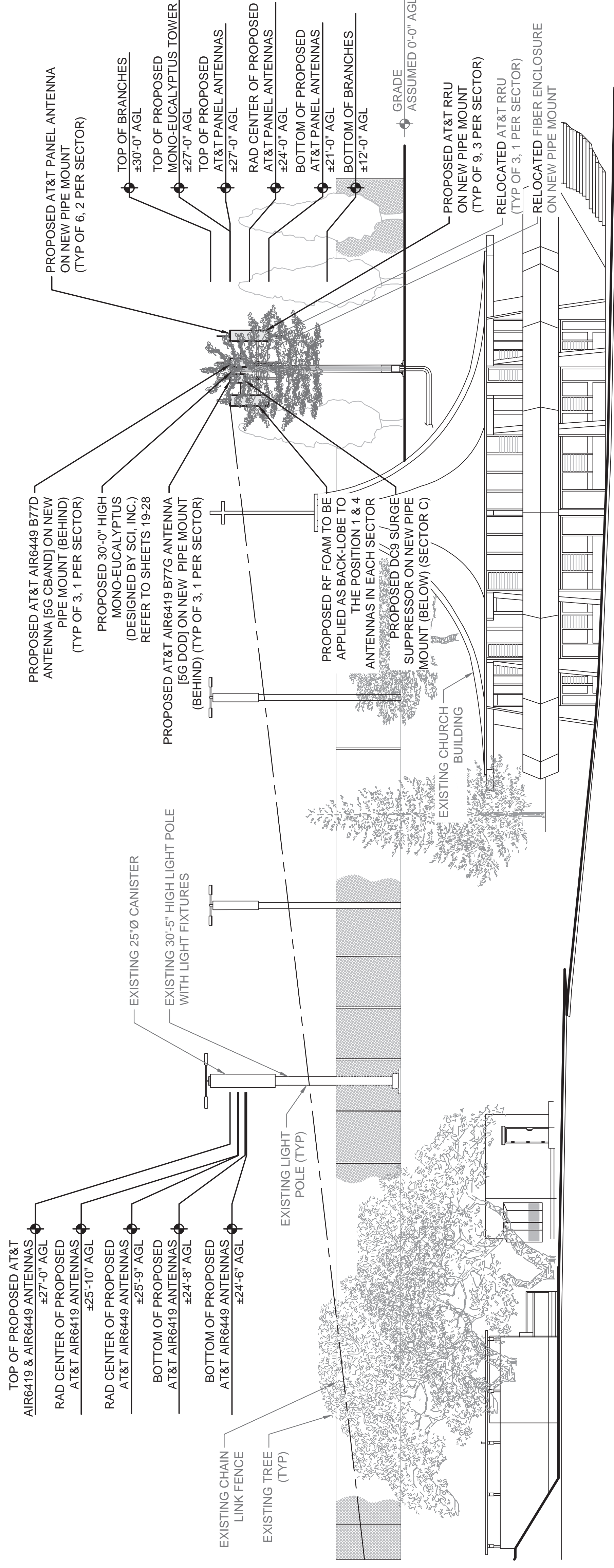
NOTE: ALL EXISTING COAX/POWER CABLES CURRENTLY RUNNING TO THE LIGHT POLE ARE TO BE RE-ROUTED TO NEW TOWER



EXISTING WEST ELEVATION

0 3' 6' 12' SCALE: 3/32"=1'-0" (22x34)  
(OR) 3/64"=1'-0" (11x17)

1



PROPOSED WEST ELEVATION

0 3' 6' 12' SCALE: 3/32"=1'-0" (22x34)  
(OR) 3/64"=1'-0" (11x17)

2

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

G	05/24/23	JX	COMMENTS
F	11/14/22	CLIENT	COMMENTS
E	08/17/22	CLIENT	COMMENTS
D	06/29/22	CLIENT	COMMENTS
C	06/15/22	CLIENT	COMMENTS
B	06/07/22	JX	COMMENTS

No.	Date	Action
Plans Prepared For:		

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:



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Plans Prepared By:



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5100 S MACADAM AVE, SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**WEST ELEVATIONS**

Project No.:	21039800
Designer:	SB
Date:	05/06/22
Drawn By:	GD
Checked By:	SS
PM Review:	JR
Client Approval:	

Issue No.: **G**

**A04.1**



**ANTENNA SPECIFICATIONS**

**1** SCALE N.T.S.

**COMMSCOPE NNH4-65B-R6H4**

SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
72.0"	19.6"	7.8"	74.9 LBS

FRONT VIEW, BACK VIEW, SIDE VIEW, WIDTH, DEPTH, HEIGHT

**ANTENNA SPECIFICATIONS**

**2** SCALE N.T.S.

**COMMSCOPE NNHH-65B-R4**

SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
72"	19.6"	7.7"	78.4 LBS

FRONT VIEW, BACK VIEW, SIDE VIEW, WIDTH, DEPTH, HEIGHT

**RRU SPECIFICATIONS**

**3** SCALE N.T.S.

**ERICSSON 8843 (B2/B66A)**

SIZE AND WEIGHT TABLE

WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
13.19"	11.10"	14.96"	75.00 LBS

FRONT VIEW, SIDE VIEW, PLAN VIEW, WIDTH, DEPTH, HEIGHT

NOTE: DIMENSIONS DO NOT INCLUDE MOUNTING BRACKET AND SOLAR SHIELD.

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

No.	Date	Action
G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

Plans Prepared For: **MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant: **at&t**  
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**mm**  
MORRISON HERSHFELD  
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www.morrisonhershfeld.com

Plans Prepared By: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title: **DETAILS**

Project No.:	Designer:	Date:
210339800	SB	05/06/22

Drawn By:	Checked By:
GD	SS

PM Review:	Client Approval
JR	

Issue No.:	Scale
G	A05.0

**RRU SPECIFICATIONS**

**4** SCALE N.T.S.

**ERICSSON 4449 (B5/B12)**

SIZE AND WEIGHT TABLE

WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
13.19"	10.43"	14.96"	73.00 LBS

FRONT VIEW, SIDE VIEW, PLAN VIEW, WIDTH, DEPTH, HEIGHT

NOTE: DIMENSIONS DO NOT INCLUDE MOUNTING BRACKET AND SOLAR SHIELD.

**RRU SPECIFICATIONS**

**5** SCALE N.T.S.

**ERICSSON 4478 (B14)**

SIZE AND WEIGHT TABLE

WIDTH	DEPTH	HEIGHT W/O CABLE MANAGEMENT COVER	WEIGHT W/O BRACKET
13.40"	7.70"	16.50"	59.90 LBS

FRONT VIEW, SIDE VIEW, PLAN VIEW, WIDTH, DEPTH, HEIGHT

NOTE: DIMENSIONS DO NOT INCLUDE MOUNTING BRACKET AND SOLAR SHIELD.

**RRU SPECIFICATIONS**

**6** SCALE N.T.S.

**COMMSCOPE : NNH4-65B-R6H4 & NNHH-65B-R4 MOUNTING KIT**

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	ECR 8000026173: RELEASE TO PRODUCTION.	14SEP17 LS	S.LIU/JIHE
B	ECR 8000026769: CHG 100936-21 TO 100936-33.	27OCT17 HWW	S.LIU/JIHE

POLE DIAMETER: 2.36" - 4.53 INCHES  
2.13" MIN  
4.41" MAX  
1.96" MIN  
2.08" MAX

BSAMNT-F

FRONT VIEW, SIDE VIEW, PLAN VIEW, WIDTH, DEPTH, HEIGHT



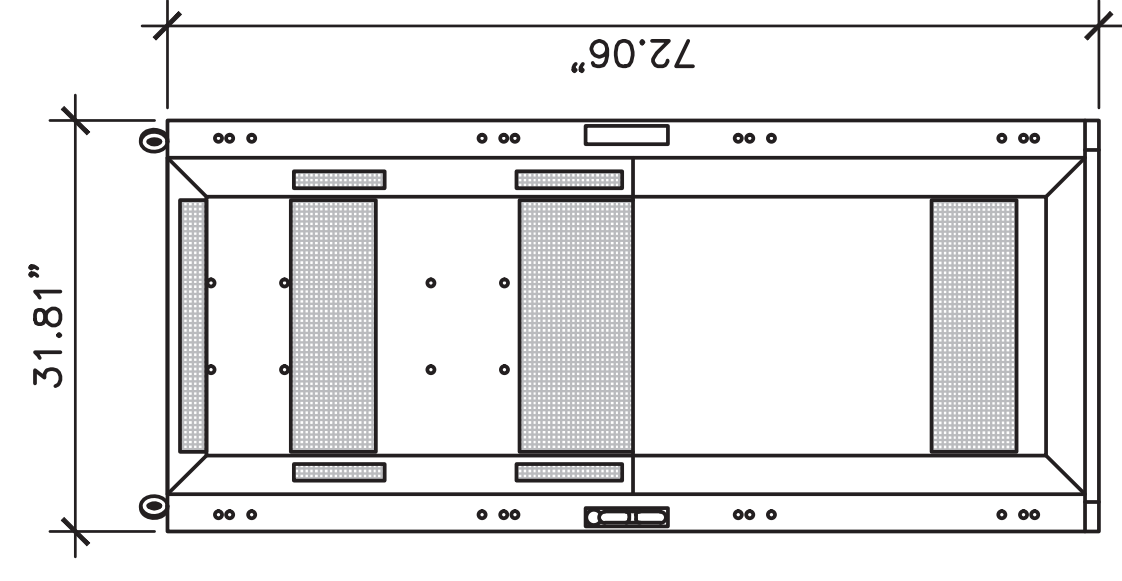
## VERTIV OUTDOOR NETSURE 512 SYSTEM - NO. NEQ. 15917:

TECHNICAL SPECIFICATIONS:  
DC POWER SYSTEM FEATURES  
NOMINAL SYSTEM VOLTAGE:  
CONTROL:  
RATED OUTPUT CAPACITY - MAXIMUM CONFIGURATION  
SYSTEM:  
RECTIFIER:  
CONVERTER:  
DISTRIBUTION PANEL (TOP):  
(BOTTOM)

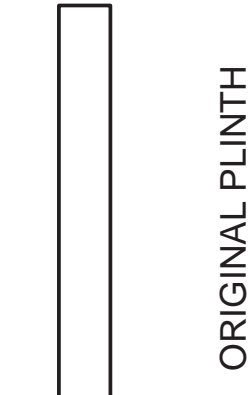
ENVIRONMENTAL:  
OPERATING TEMPERATURE:  
HUMIDITY:  
NEMA ENCLOSURE:  
THERMAL SOLUTIONS:  
POWER CHAMBER:  
BATTERY CHAMBER:  
EQUIPMENT:  
GROUND BAR:  
TERMINAL BLOCK:  
SAFETY:  
DC POWER SYSTEM:  
ENCLOSURE:

WEIGHT:  
OUTDOOR NETSURE™512:  
PLINT:

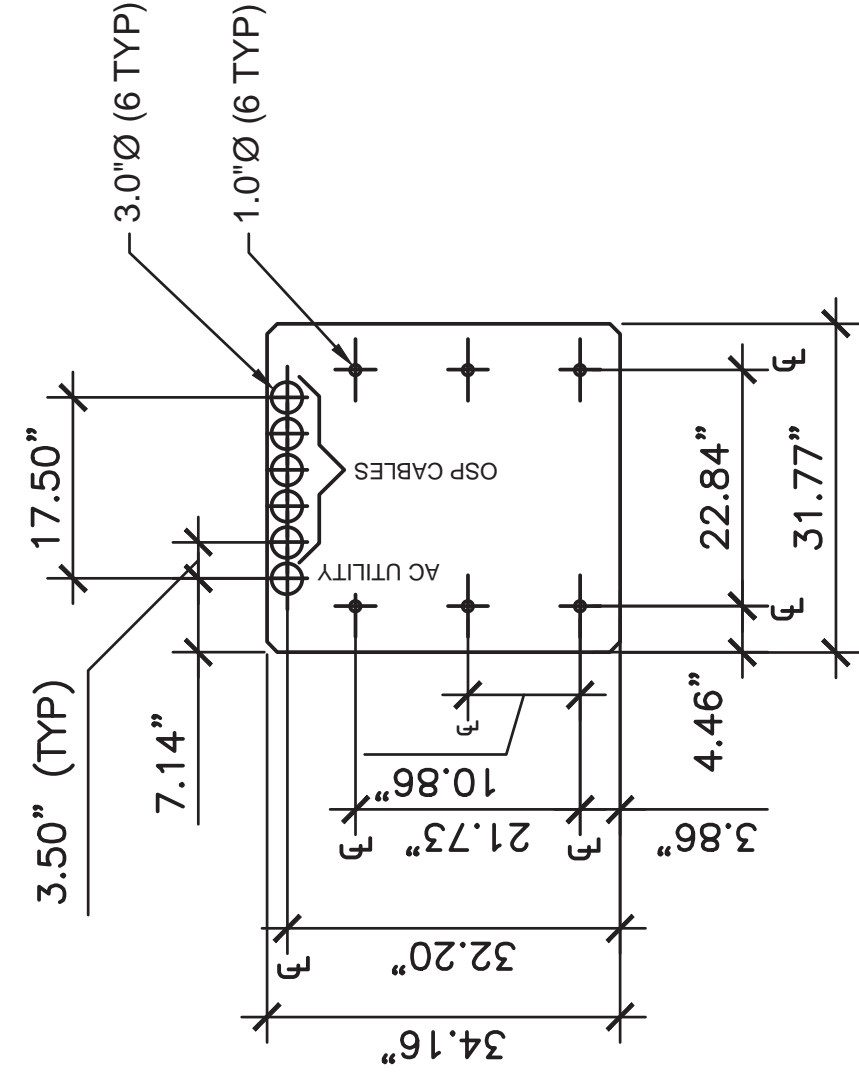
10 POSITIONS  
12-POSITION PHOENIX ALARM BLOCK,  
32-POSITION PHOENIX ALARM BUNCHING BLOCK  
UL 1801 LISTED (US & CANADA), NEBS LEVEL 3  
GR-487, UL 60950, AND SEISMIC ZONE 4 COMPLIANT  
816 LBS (W/O BATTERIES)  
2,300 LBS (W/ GNB BATTERIES)  
TBD



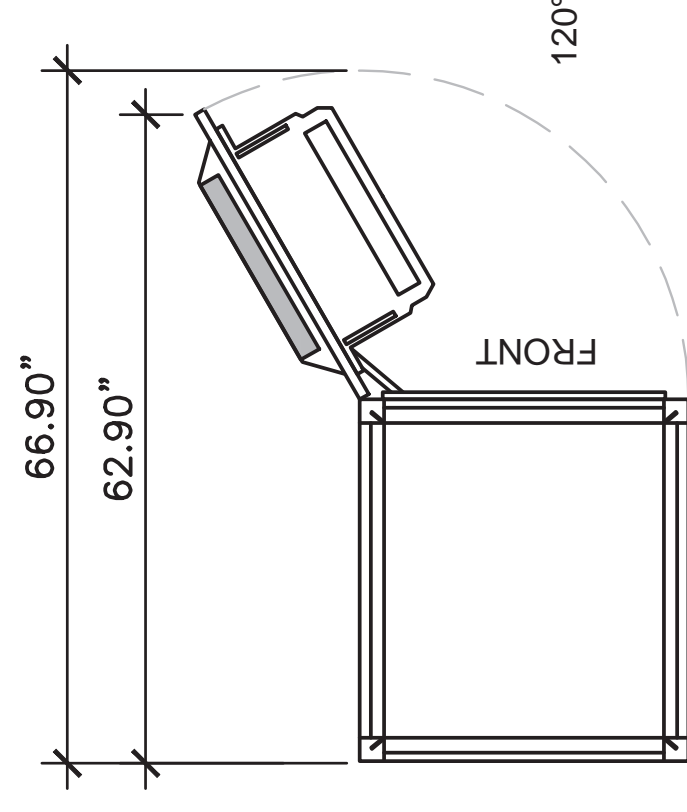
FRONT VIEW



ORIGINAL PLINTH



MOUNTING TEMPLATE

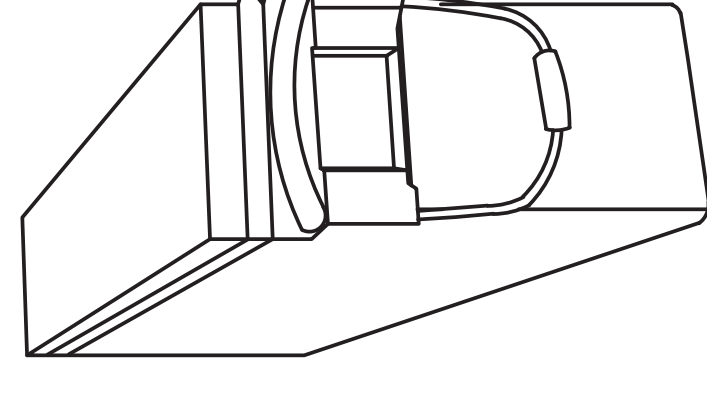


TOP VIEW

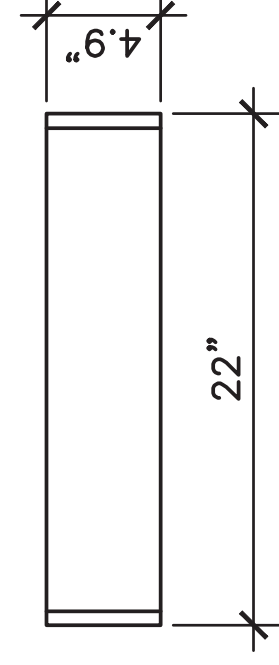
## VRLA M12V180FT BATTERY:

SPECIFICATIONS:  
MANUFACTURER:  
EXIDE TYPE DESIGNATION:  
NOM. VOLTAGE V:  
NOM. CAPACITY C10 1.80 VPC 20° C Ah:  
NOM. CAPACITY C8 1.75 VPC 25° C Ah:  
NOM. CAPACITY C1 1.60 VPC 20° C Ah:  
LENGTH (l) MAX. (mm):  
WIDTH (b/w) MAX. (mm):  
HEIGHT (h) MAX. (mm):  
WEIGHT APPROX. (kg):  
INTERNAL RESISTANCE mOhm:  
TERMINAL:

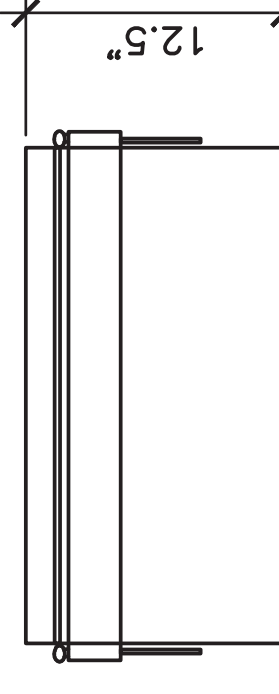
CONNECT SERIES OF (4) 12V BATTERIES = 48V



ISOMETRIC VIEW



PLAN VIEW

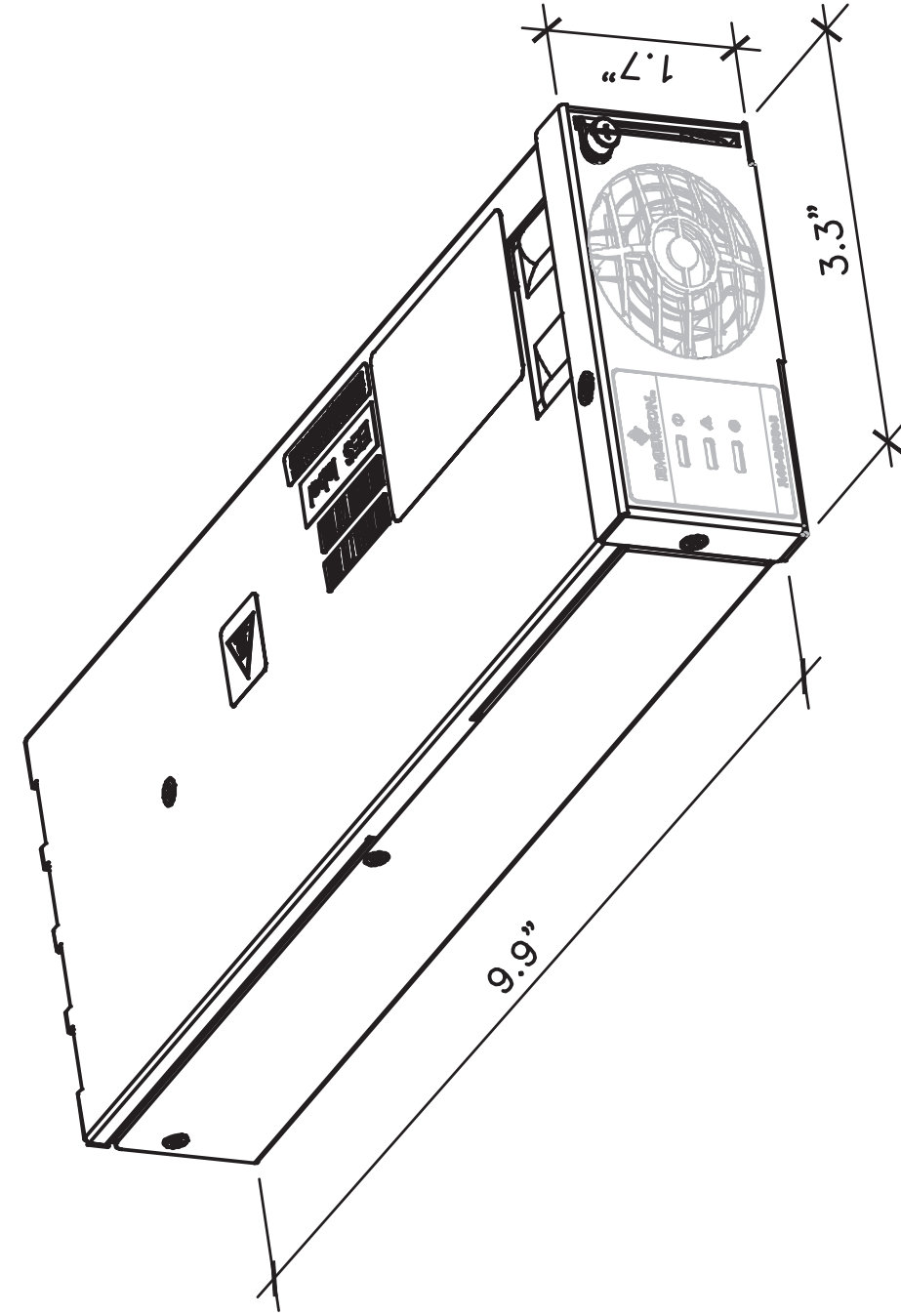


SIDE VIEW

## POWER CABINET SPECIFICATIONS

### EMERSON 2KW HE -48V RECTIFIER:

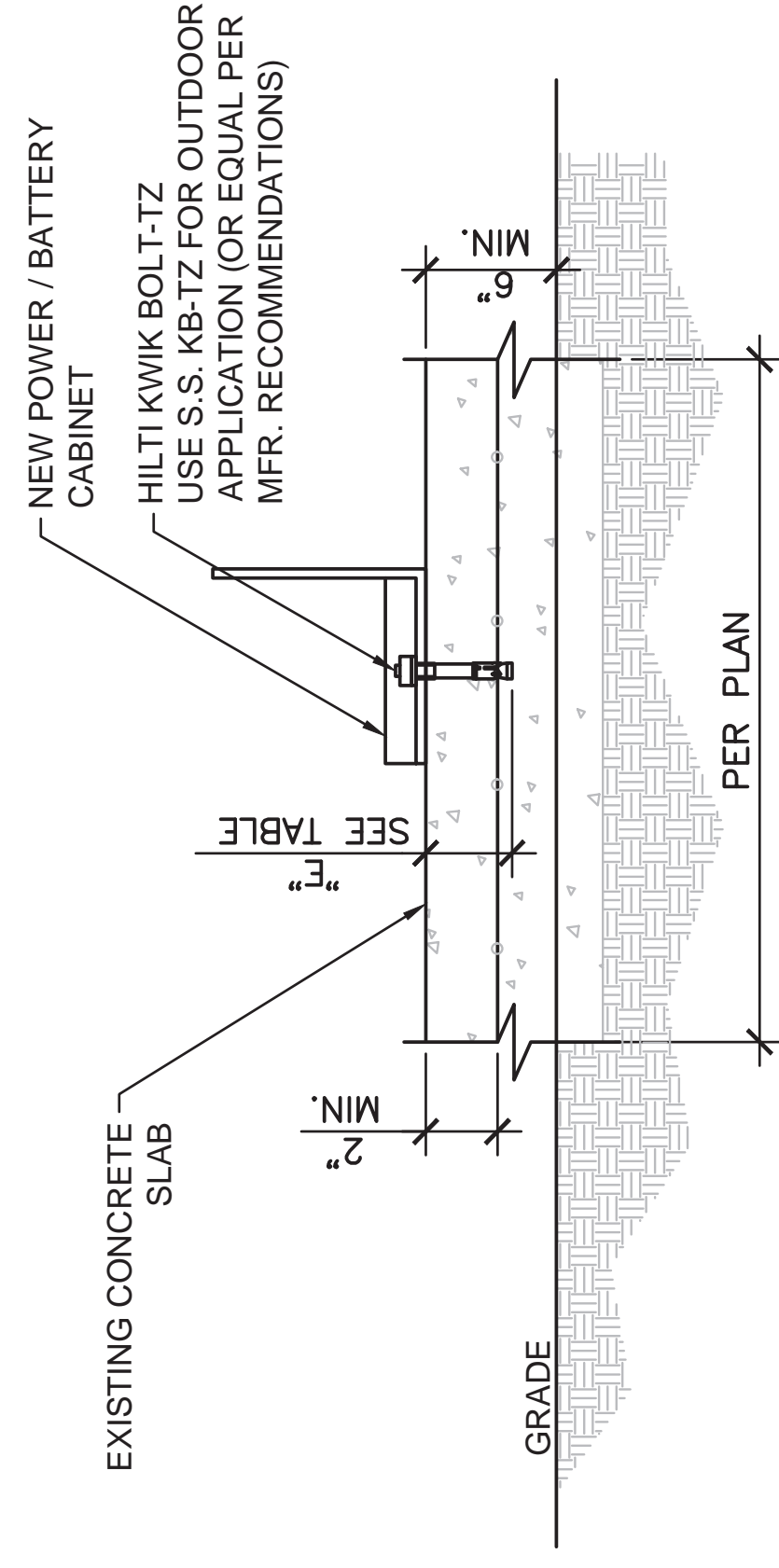
MANUFACTURER: EMERSON  
SPECIFICATIONS:  
DIMENSION:  
WEIGHT:  
DC INPUT  
DC INPUT VOLTAGE, NOMINAL:  
INPUT VOLTAGE, PERMITTED VARIATION:  
MAXIMUM INPUT CURRENT:  
DC OUTPUT  
OUTPUT VOLTAGE  
OUTPUT VOLTAGE, PERMITTED VARIATION:  
OUTPUT POWER:  
OUTPUT CURRENT:



## VRLA BATTERY SPECIFICATIONS

ANCHOR SCHEDULE		INSTALLATION TORQUE (FT-LB) *	
BOLT DIA.	HOLE DIA.	"E" EMBEDMENT	
3/8"	3/8"	2"	25
1/2"	1/2"	3"	40
5/8"	5/8"	3 1/8"	60
3/4"	3/4"	3 3/4"	110

\*NOTE: PER ICC ESR-1917 TABLE 1A INSTALLATION TORQUE

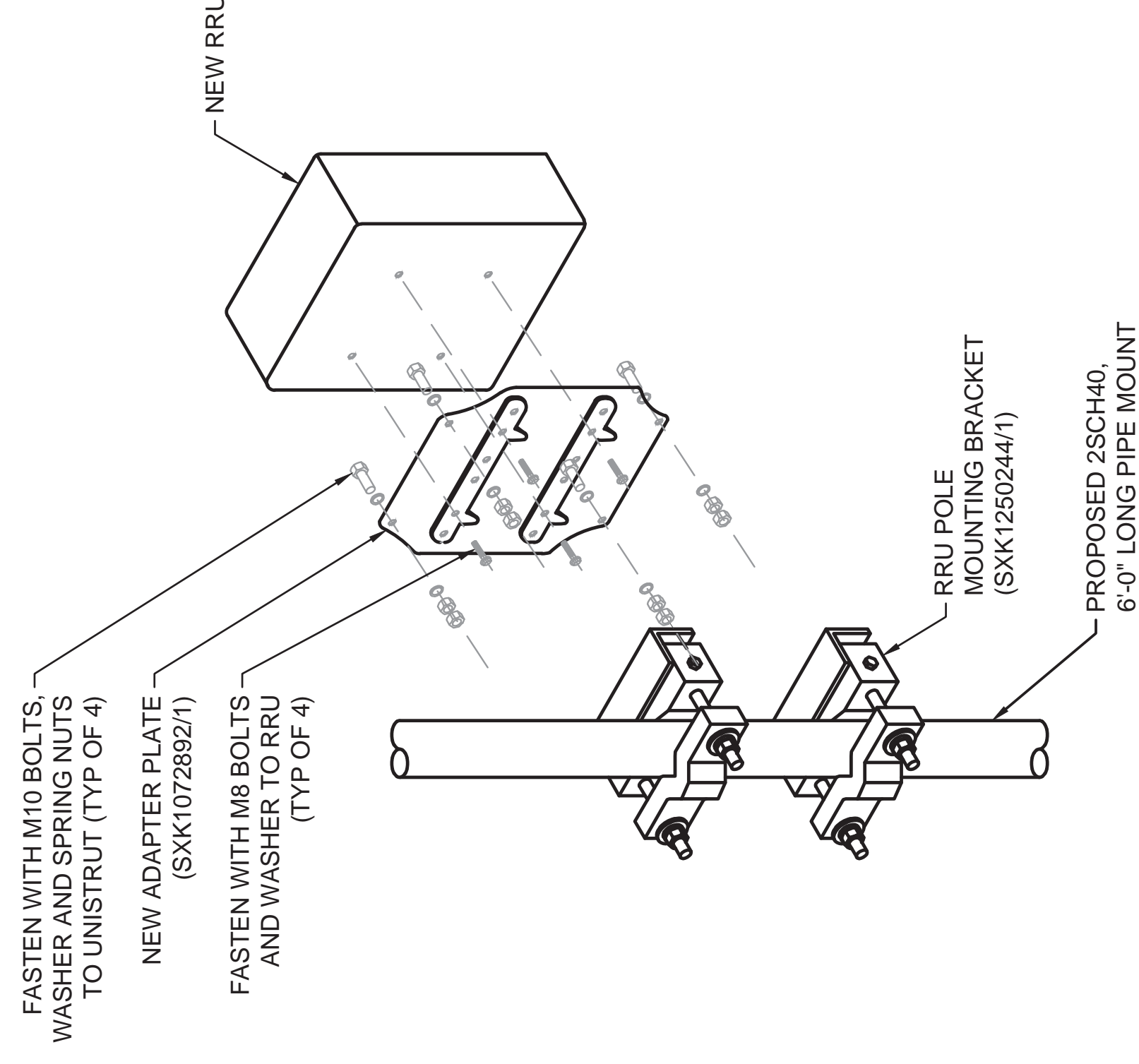


## RECTIFIER SPECIFICATIONS

### EQUIPMENT ANCHORAGE DETAIL

### RRU MOUNTING DETAIL

## VRLA BATTERY SPECIFICATIONS



JURISDICTIONAL APPROVAL

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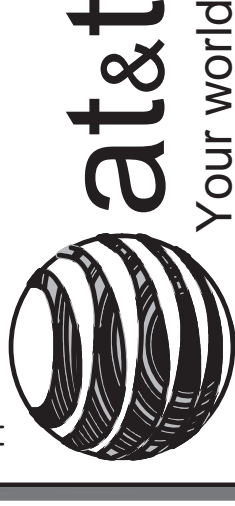
No.	Date	Action
G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

Plans Prepared For:



10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:



Your world. Delivered.

Plans Prepared By:



MORRISON HERSHFIELD  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project: COMMUNITY  
CONGREGATIONAL CHURCH  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

DETAILS

Project No.:

210339800

Designer:

SB

Date:

05/06/22

Drawn By:

SS

Checked By:

Client Approval

PM Review:

JR

Issue No.:

G

A05.1

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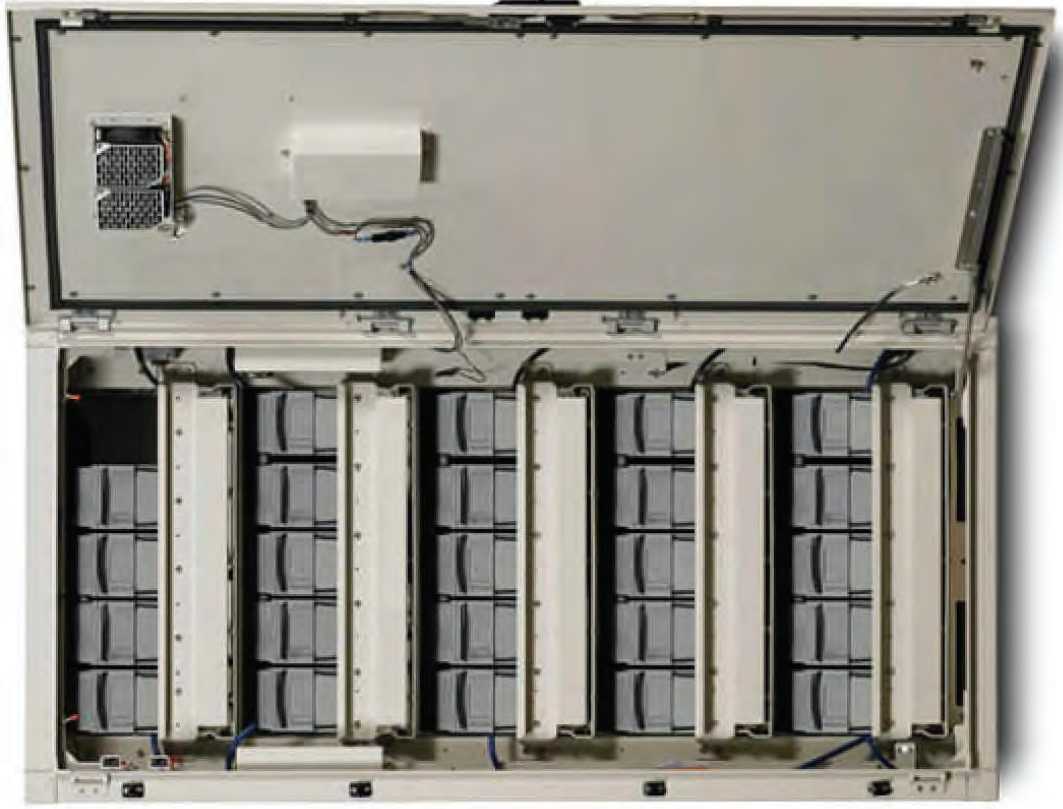
SCALE 6 BASE ON 27" X 34" 0" SIZE



### 48VDC NETXTEND FLEX BATTERY CABINET:

#### TECHNICAL SPECIFICATIONS:

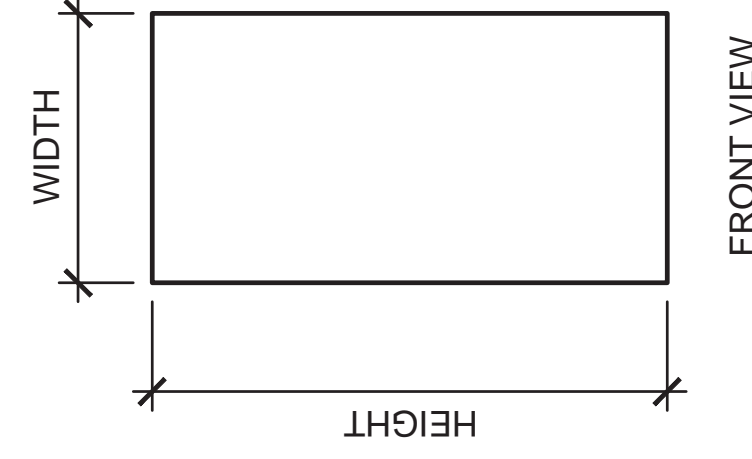
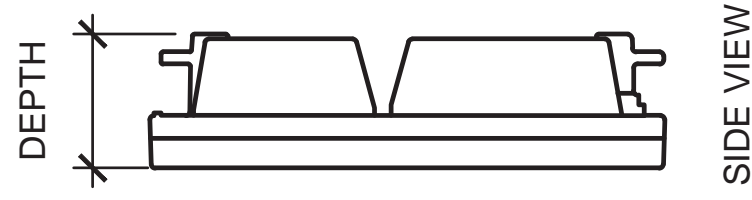
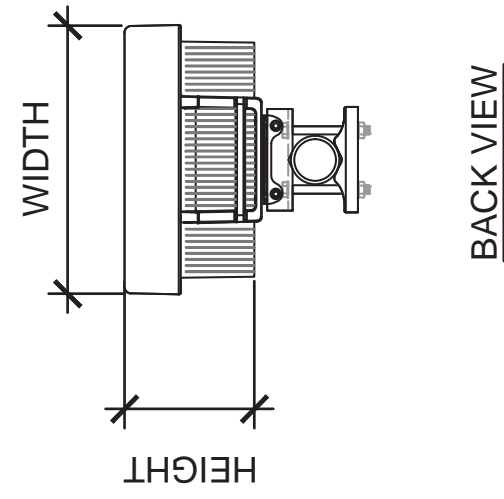
- BATTERY SHELVES: (5) SHELVES (+24V-12 STRING MAX) / -48V-6 STRING (MAX)
- THERMAL SOLUTION: FREE AIR VENTED
- GROUND BAR: 10 POSITIONS
- TERMINAL BLOCK: 12-PAIR PHOENIX BLOCK



#### MECHANICAL SPECIFICATIONS:

DIMENSIONS: 72"Hx32"Wx39"D  
WEIGHT: 4,100.0 LBS

### BATTERY CABINET SPECIFICATIONS



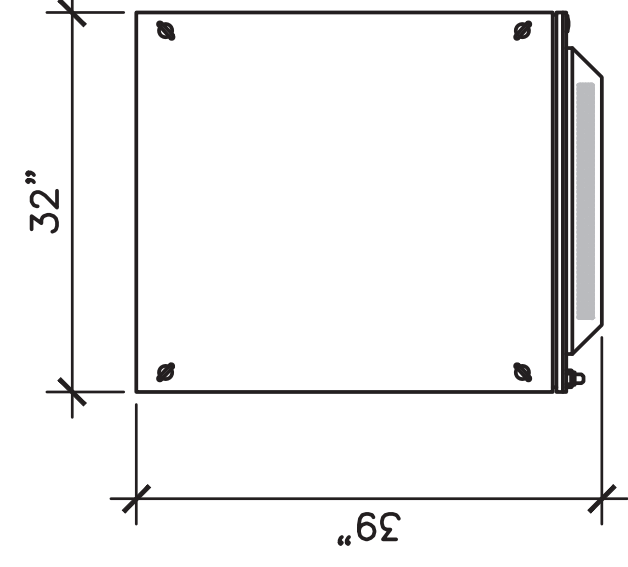
### ERICSSON AIR6449 B77D

#### SIZE AND WEIGHT TABLE

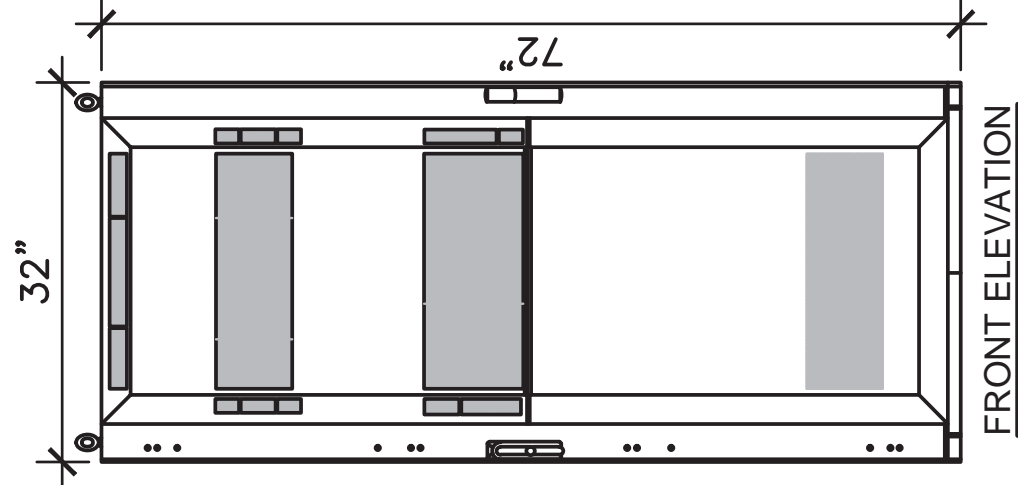
HEIGHT	WIDTH	DEPTH	WEIGHT
30.6"	15.9"	10.6"	82.5 LBS

### ANTENNA SPECIFICATIONS

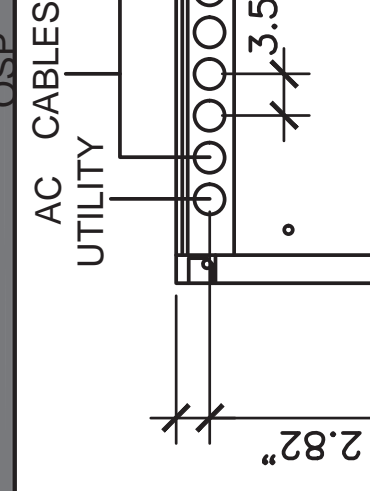
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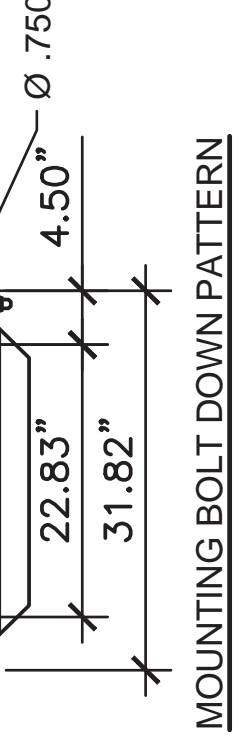
PLAN VIEW



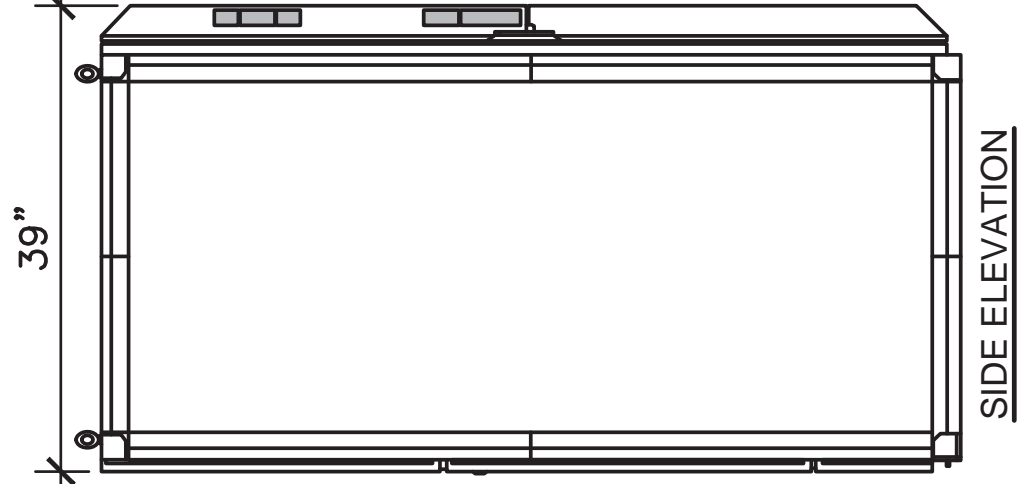
FRONT ELEVATION



CABINET BOTTOM VIEW



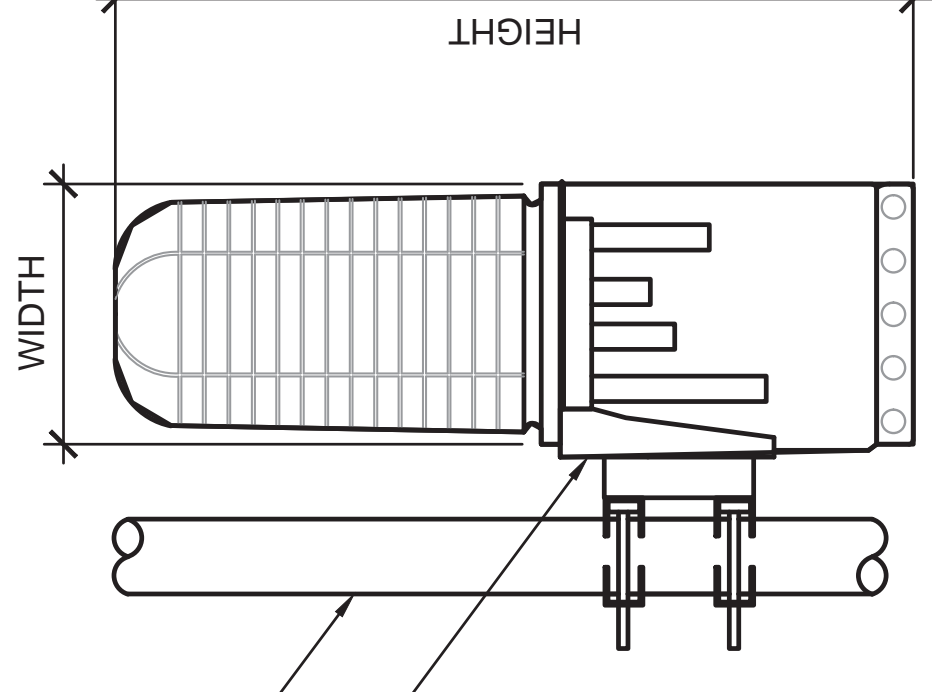
MOUNTING BOLT DOWN PATTERN



SIDE ELEVATION

### RAYCAP DC9-48-60-8C-EV:

- DIMENSIONS: LxWxH: 10.24"x31.4"
- NOMINAL OPERATING VOLTAGE: 48 VDC
- OPERATING DISCHARGE CURRENT: 20 KA 8/20ms
- MAX DISCHARGE CURRENT: 60 KA 8/20ms
- VOLTAGE PROTECTION LEVEL (UL) PER IEC 61643-11: 145 V
- VOLTAGE PROTECTION RANKING (VPR): 330V
- TOTAL WEIGHT: 13.02 kg | 28.7 lbs



NEW 2SCH40, 6'-0" LONG PIPE MOUNT  
BASE ASSEMBLY AND MOUNTING BRACKET PROVIDED BY MFR

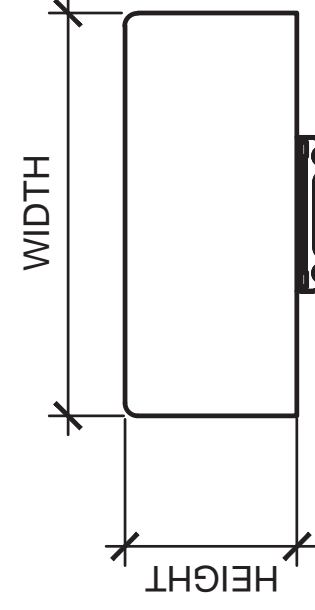
- NOTE:
- MOUNTING BRACKET PROVIDED BY MFR
  - INSTALL PER MFR RECOMMENDATIONS

### DC9 SPECIFICATIONS

SCALE N.T.S. 2



FRONT VIEW



BACK VIEW

### ERICSSON AIR6419 B77G

#### SIZE AND WEIGHT TABLE

HEIGHT	WIDTH	DEPTH	WEIGHT
28.0"	15.7"	6.7"	66.1 LBS

### ANTENNA SPECIFICATIONS

3

### DC9 SPECIFICATIONS

SCALE N.T.S. 1

### AIR6449 ANTENNA MOUNTING DETAIL

SCALE N.T.S. 4

5

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FA: 10090957

Drawing Title: DETAILS

Project No.: 210339800	Date: 05/06/22
Designer: SB	Checked By: SS
Drawn By: GD	Client Approval: JR
PM Review: JR	Issue No.: G

A05.2

SCALE 6 BASE ON 27" X 34" 0" SIZE



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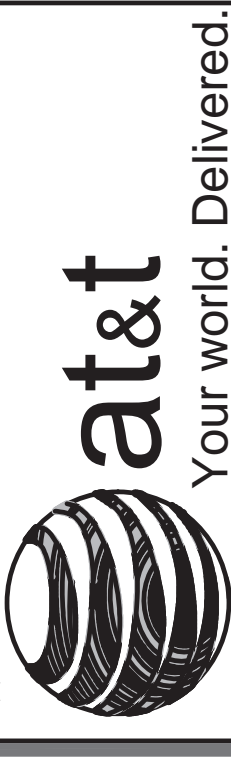
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E	08/17/22	CLIENT	COMMENTS
D	06/29/22	CLIENT	COMMENTS
C	06/15/22	CLIENT	COMMENTS
B	06/07/22	JX	COMMENTS

No. Date Action

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:



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Plans Prepared By:



**MORRISON HERSHFELD**  
5100 S MACADAM AVE, SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project:

**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**DETAILS**

Project No.: 210339800

Designer: SB

Date: 05/06/22

Drawn By: GD

Checked By: SS

PM Review: JR

Client Approval

Issue No.: G

A05.3

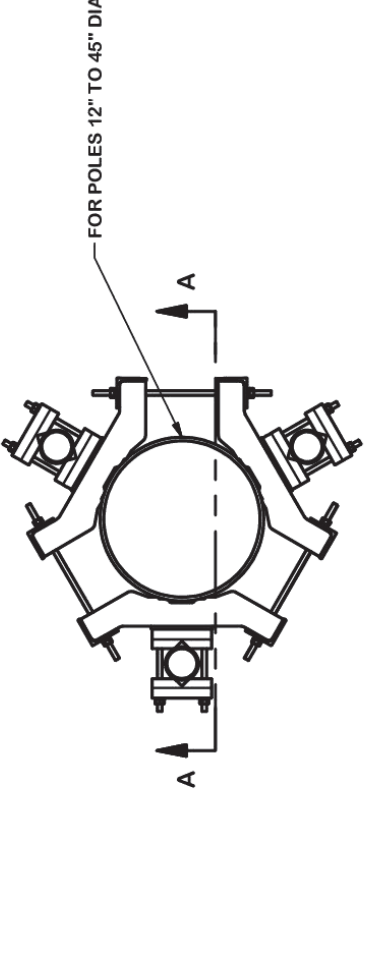
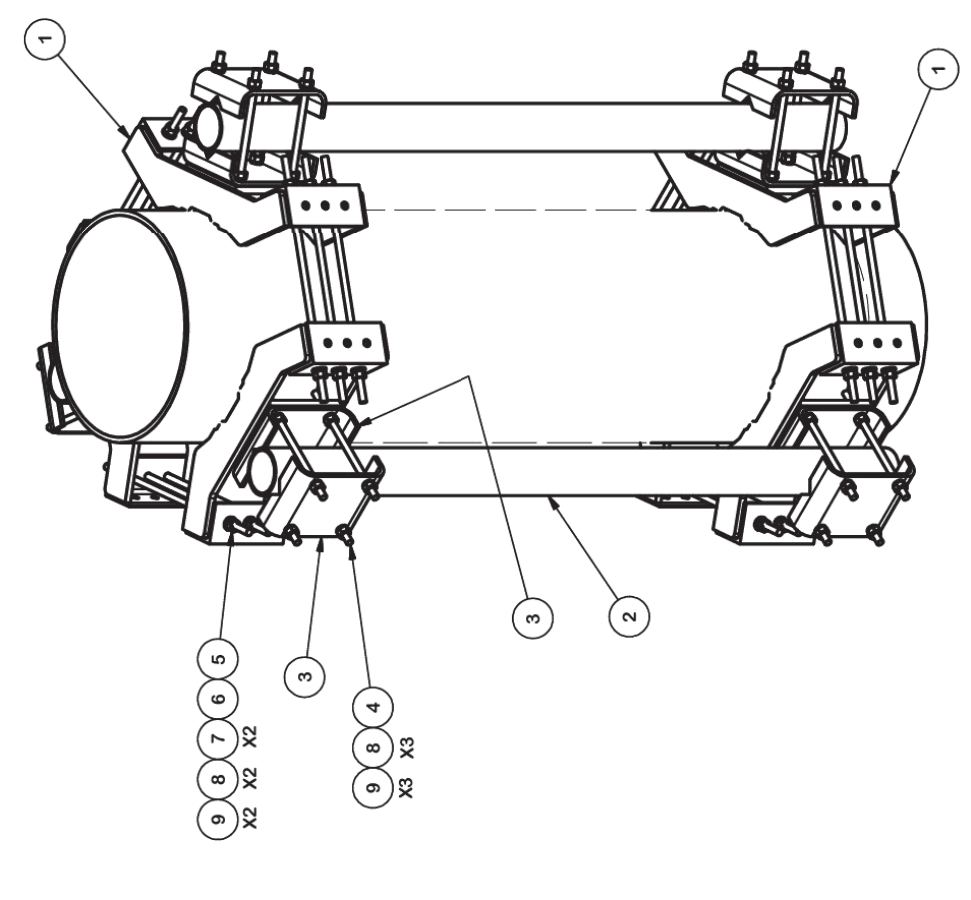
SCALE 6 BASE ON 27" X 34" D SIZE

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SCALE N.T.S.

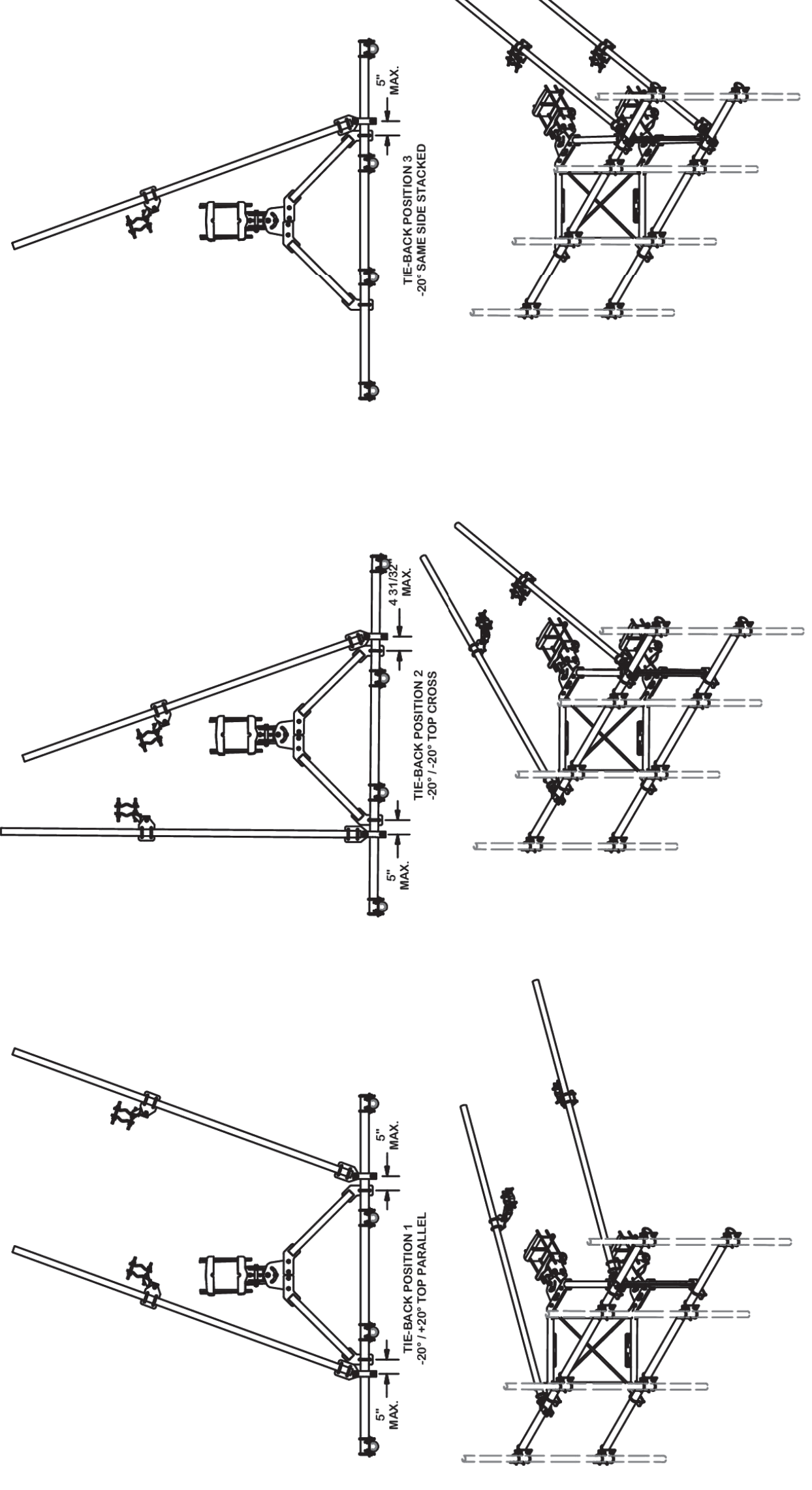
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ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-L10RM	RING MOUNT WELDMENT	68.15	625.96	3755.16
2	12	X-2141D	BENT PLATE V-CLAMP	72 in	11.43	137.16
3	12	X-2141D	BENT PLATE V-CLAMP	12.58 in	0.40	4.89
4	24	G58R-14	5/8" x 1/4" THREADED ROD (H.D.)	14 in	0.40	9.57
5	18	G58R-48	5/8" x 4/8" THREADED ROD (H.D.)	48 in	0.55	9.90
6	12	G58R-24	5/8" x 3/4" THREADED ROD (H.D.)	24 in	0.55	6.60
7	36	A58FW	5/8" HDG A525 FLAT WASHER	0.03	1.08	0.32
8	108	G58LW	5/8" HDG LOCKWASHER	0.03	3.24	0.35
9	108	A58NUT	5/8" HDG A525 HEX NUT	0.13	14.04	1.52
				<b>TOTAL WT #</b>		<b>728.33</b>



ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-YFAW	SUPPORT ARM	71.41	142.81	285.62
2	1	X-HDCAMBW	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
3	1	X-HDCAMB	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
4	2	X-VFA14	VFA HD ENDOT PLATE	12 in	15.88	31.77
5	2	X-LGCP4	BENT BACKING PLATE	13 in	20.04	40.09
6	1	X-HDCAMB	ANGLE ADJUSTMENT WELDMENT FOR BOAM-HD	16.39	18.39	18.39
7	1	X-HDCAMB	POSITIONING PLATE WELDMENT FOR BOAM-HD	5.12 in	2.58	2.58
8	4	X-TBCA	THE BACK CLIP ANGLE	2.01	0.21	0.85
9	8	SOZ2	CROSSOVER PLATE	4.80	38.37	307.04
10	8	SOZ2	CROSSOVER PLATE	7 in	15.88	127.04
11	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
12	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
13	2	P2118	1/2\"/>			

**TIE-BACK POSITIONS**



ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-YFAW	SUPPORT ARM	71.41	142.81	285.62
2	1	X-HDCAMBW	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
3	1	X-HDCAMB	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
4	2	X-VFA14	VFA HD ENDOT PLATE	12 in	15.88	31.77
5	2	X-LGCP4	BENT BACKING PLATE	13 in	20.04	40.09
6	1	X-HDCAMB	ANGLE ADJUSTMENT WELDMENT FOR BOAM-HD	16.39	18.39	18.39
7	1	X-HDCAMB	POSITIONING PLATE WELDMENT FOR BOAM-HD	5.12 in	2.58	2.58
8	4	X-TBCA	THE BACK CLIP ANGLE	2.01	0.21	0.85
9	8	SOZ2	CROSSOVER PLATE	4.80	38.37	307.04
10	8	SOZ2	CROSSOVER PLATE	7 in	15.88	127.04
11	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
12	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
13	2	P2118	1/2\"/>			

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-YFAW	SUPPORT ARM	71.41	142.81	285.62
2	1	X-HDCAMBW	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
3	1	X-HDCAMB	CLAMP WELDMENT FOR CAM-HD	33.86	38.86	38.86
4	2	X-VFA14	VFA HD ENDOT PLATE	12 in	15.88	31.77
5	2	X-LGCP4	BENT BACKING PLATE	13 in	20.04	40.09
6	1	X-HDCAMB	ANGLE ADJUSTMENT WELDMENT FOR BOAM-HD	16.39	18.39	18.39
7	1	X-HDCAMB	POSITIONING PLATE WELDMENT FOR BOAM-HD	5.12 in	2.58	2.58
8	4	X-TBCA	THE BACK CLIP ANGLE	2.01	0.21	0.85
9	8	SOZ2	CROSSOVER PLATE	4.80	38.37	307.04
10	8	SOZ2	CROSSOVER PLATE	7 in	15.88	127.04
11	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
12	8	SOZ2	CROSSOVER PLATE	16.18 in	2.36	18.54
13	2	P2118	1/2\"/>			

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:  
 DRILLED AND GAS CUT HOLES (# 6.007) - NO CONING OF HOLES  
 MACHINED SURFACES (# 6.007) - NO CONING OF HOLES  
 ALL OTHER MACHINING (# 6.007)  
 ALL DIMENSIONS ARE IN INCHES  
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DESCRIPTION

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DATE

REVISION HISTORY

DESCRIPTION

DATE

REVISION HISTORY

**ANTENNA MOUNT DETAIL**

SCALE N.T.S.

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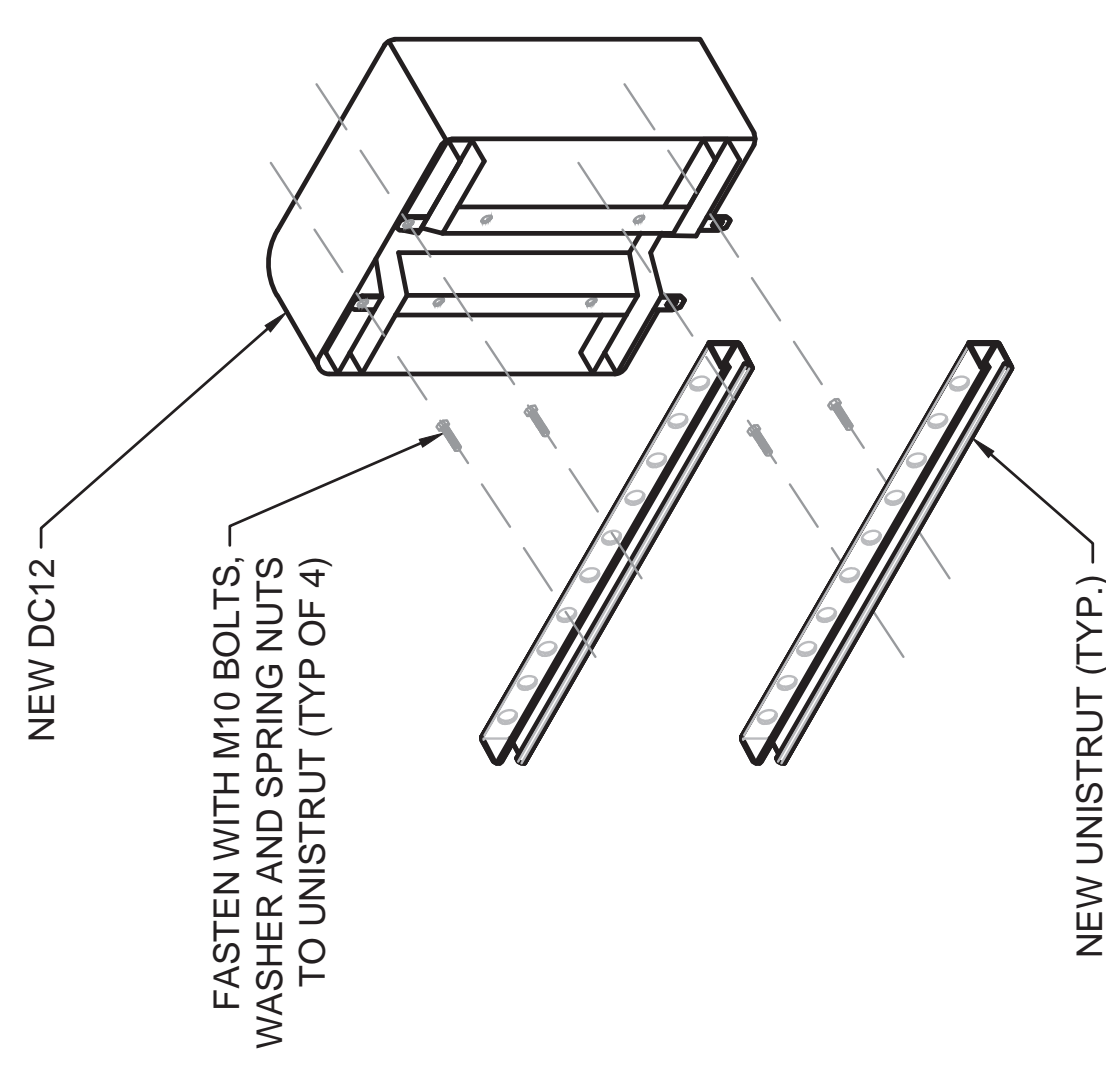
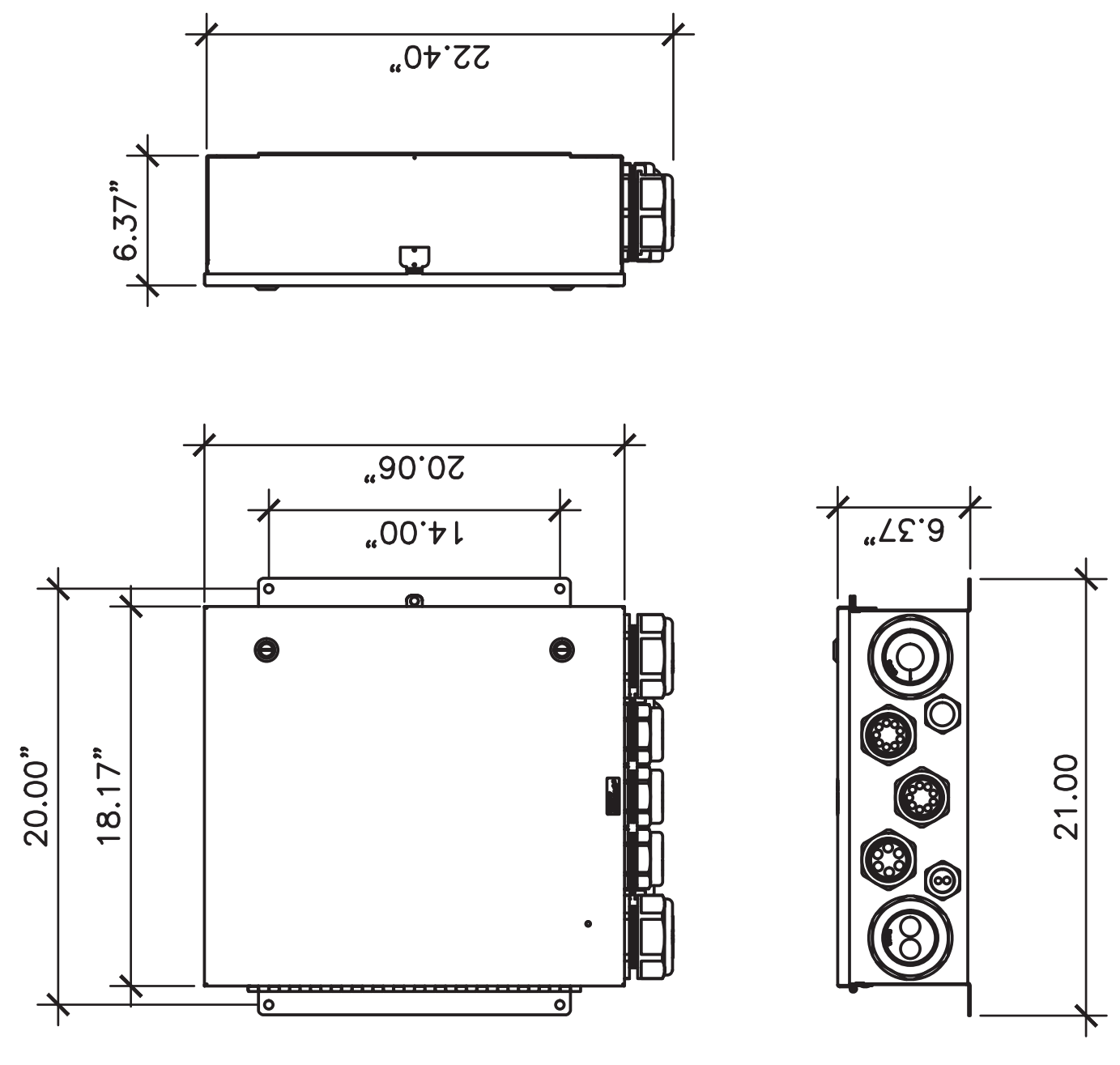
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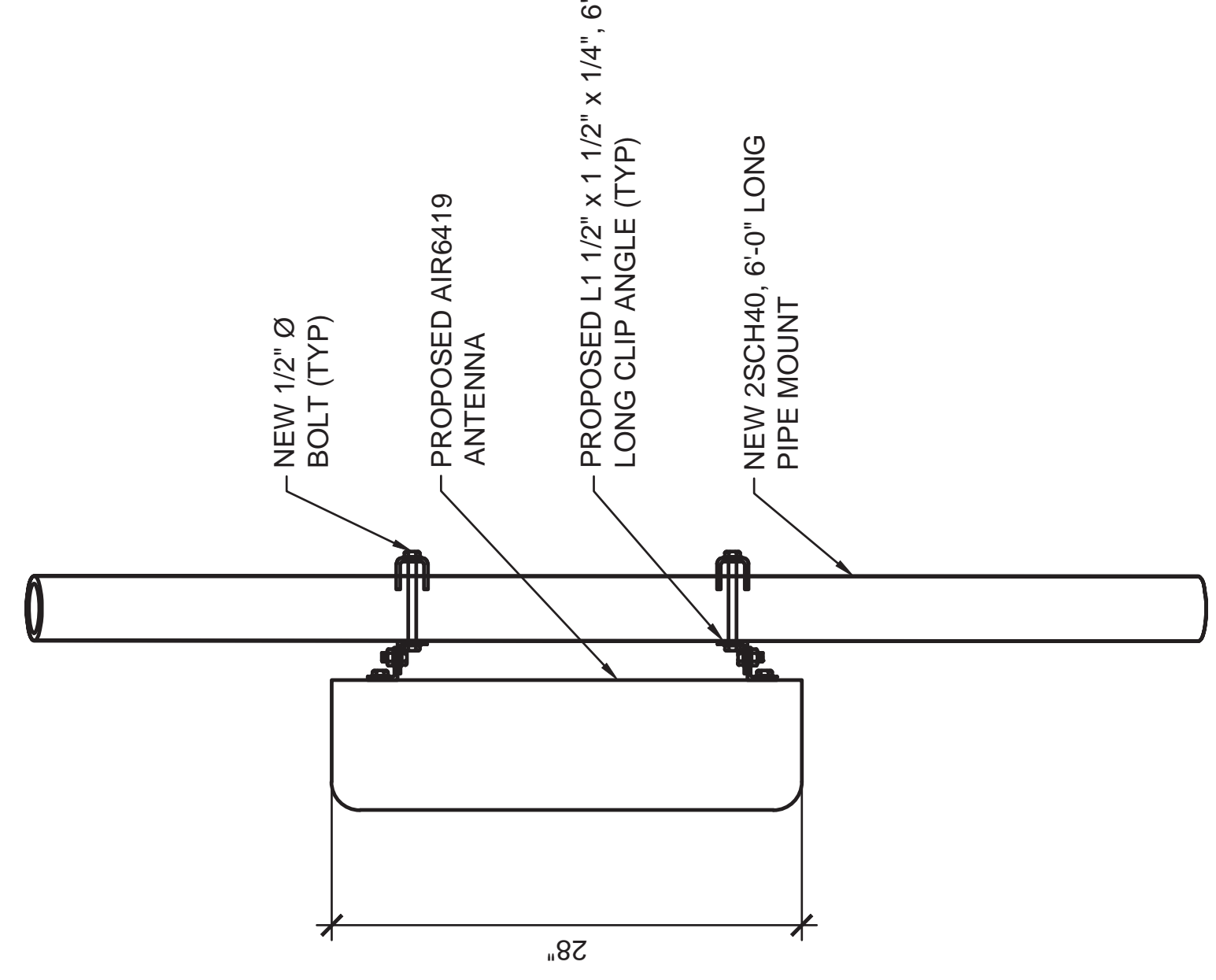


**RAYCAP DC12-48-60-0-25E:**  
 DIMENSIONS, LxWxH: 18.17"x20.06"x6.37"  
 NOMINAL OPERATING VOLTAGE: 48 V  
 OPERATING DISCHARGE CURRENT: 20 KA 8/20ms  
 MAX DISCHARGE CURRENT: 60 KA 8/20ms  
 VOLTAGE PROTECTION LEVEL: 300 V  
 VOLTAGE PROTECTION RANKING (VPR): 700V  
 TOTAL WEIGHT: 25.54 kg | 56.3 lbs



**DC12 SPECIFICATIONS**

SCALE	1	2
N.T.S.		



**AIR6419 ANTENNA MOUNTING DETAIL**

SCALE	1	2
N.T.S.		

**MIF22-0009-00**  
 Lossy Foam Absorber, constant loading, 1.0" thick

**APPLICATIONS**  
 Antenna Pattern Performance  
 Reducing Return Loss  
 Reducing Coeff. of Reflection  
 EMI Reduction  
 RFL/Antenna Isolation  
 Reducing Interference  
 Dual use air filter/EMI absorber

**ELECTRICAL PERFORMANCE**  
 This performance plot illustrates the insertion loss performance of this material. Insertion loss is measured in dB. The plot shows the insertion loss for a 100 MHz signal. For more information, please refer to Tech Bulletin 103. Additional electrical test data may be available upon request.

**FEATURES & BENEFITS**  
 Lightweight, polyester-reticulated foam  
 Excellent performance over a wide frequency range  
 Easily applied with PSA  
 Most broadband absorber material  
 RoHS Compliant  
 Halogen Free

**TYPICAL PROPERTIES**  
 Thickness: 1.0" (25.4mm)  
 Density: 0.055 (0.12mm)  
 Operating Temperature: -60°F to 350°F

**AVAILABILITY**  
 Standard Sizes: 24" x 24" (610 x 610 mm)  
 Format: Sheets, Die Cut, Kiss Cut Pads

**PART NUMBERING**  
 00: No PSA backing  
 01: 0.005" PSA backing  
 >10: Die Cut

**MAST TECHNOLOGIES**  
 Innovative Materials for Integrated Solutions  
 sales@masttechnology.com | 1.888.463.1700

**RF FOAM SPECIFICATIONS**

SCALE	1	2
N.T.S.		

**MATERIAL SAFETY DATA SHEET**

**I. PRODUCT IDENTIFICATION**

MANUFACTURER: Exide Technologies Industrial Energy  
 3950 Sussex Avenue  
 Aurora, IL 60504-7932

CHEMICAL/TRADE NAME: MARATHON V-0 and SPRINTER V-0  
 Valve Regulated Lead Acid Battery

CHEMICAL FAMILY/CLASSIFICATION: Electrical Storage Battery Monoblock type  
 DATE ISSUED: January 2010

FOR INFORMATION: Primary: MACTEC Engineering and Consulting, Inc. Attention: Julianne Cochran (770) 421-3485  
 Secondary: Environmental, Safety & Health Attention: Eric Murray (800) 532-4622 or Fred Ganster (610) 921-4052

FOR EMERGENCY: CHEMTREC (800) 424-9300  
 24-hour Emergency Response Contact  
 Ask for Environmental Coordinator

CHEMTREC INTERNATIONAL (703) 527-3887 - Collect

**II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Components	CAS Number	% by Wt.	Approximate Air Exposure Limits (µg/m³)		
			OSHA	ACGIH	NIOSH
Inorganic components of:					
Lead	7439-92-1	71-76	50	50	50
Antimony Oxide	7440-36-0	<0.6	500	500	500
Calcinated Clay	N/A	<1.2	N/A	N/A	N/A
Tin	7440-31-5	0.4-0.6	2000	2000	2000
Copper	7440-50-8	<0.1	1000	1000	1000
Electrolyte (sulfuric acid)	7664-93-9	16-18	1000	200	1000
Case Material:					
Polypropylene	9003-07-0	6-7	N/A	N/A	N/A
Plate separator material:					
Glass	N/A	2-3	N/A	N/A	N/A

NOTE: Inorganic lead and electrolyte (water and sulfuric acid solution) are the primary components of every battery manufactured by Exide Technologies or its subsidiaries. Other ingredients may be present dependent upon battery type. Polypropylene is the principal case material of automotive and commercial batteries.

**III. PHYSICAL DATA**

Boiling Point (Electrolyte)	203° F (at 760 mm Hg)	Specific Gravity (H <sub>2</sub> O=1)	1.230 to 1.350
Melting Point	Not Applicable	Vapor Pressure (mm Hg at 20 °C)	10
Solubility in Water	100%	Vapor Density (AIR=1)	Greater than 1
Evaporation Rate (Butyl acetate=1)	Less Than 1	% Volatiles by Weight	Not Applicable
Appearance and Odor	A clear liquid with a sharp, penetrating, pungent odor. A battery is a manufactured article; no apparent odor.		

**Project Battery System Data**

Electrolyte per Battery in Gallons (from Manufacturer):	2.47
Total Batteries in Power & Battery Cabinet:	24
Total Amount of -48V Strings:	6
Total Amount of Electrolyte in Gallons:	59.28
Total Amount of Amp Hours (Ah):	1080
Total Amount of Kilo-Watt Hours (kWh):	51.84

Battery Type	Lead weight	Electrolyte volume	Electrolyte weight	Sulfuric Acid weight	Sulfuric Acid volume
M12V DIFT FTX	42.0 kg	8.37 l	27.27 lb	5.18 kg	2.62 l
FTX	92.6 lb	2.47 gal	12.37 lb	11.44 lb	0.74 gal

**BATTERY SPECIFICATIONS**

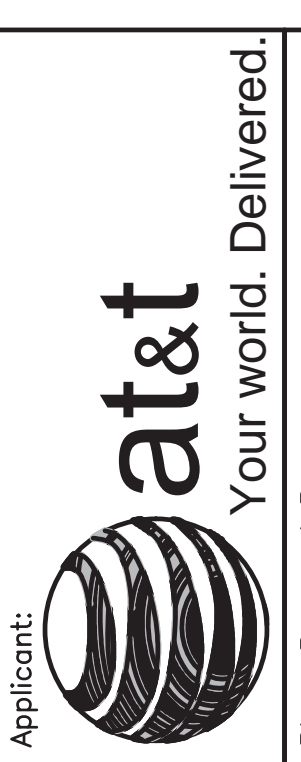
SCALE	1	2	3	4	5
N.T.S.					

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B	06/07/22	JX	COMMENTS

Plans Prepared For:  
**MD7**  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130



Plans Prepared By:  
**mm**  
**MORRISON HERSHFIELD**  
 5100 S MACADAM AVE, SUITE 500  
 PORTLAND, OR 97239  
 Tel: 503-595-9128 Fax: 503-595-9136  
 www.morrisonhershfield.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
 SITE ID: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

Drawing Title:  
**DETAILS**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
Issue No.:	G
	A05.4

SCALE 6 BASE ON 27" X 34" 0" SIZE







## DESIGN CRITERIA

STRUCTURAL DESIGN IS BASED ON THE CALIFORNIA BUILDING CODE, 2019 EDITION (2018 IBC) AND THE TIA-222-H STANDARD

### DESIGN LOADS:

WIND: WIND SPEED = 98 MPH (3-SEC GUST) PER THE ASCE 7-16 STANDARD

RISK CATEGORY: II

EXPOSURE: C

TOPOGRAPHIC CATEGORY: 1

CREST HEIGHT: 0 FT

ELEVATION: 160 FT ABOVE SEA LEVEL

ICE: NONE PER THE TIA-222-H STANDARD

### SEISMIC:

IMPORTANCE FACTOR: 1.00

RISK CATEGORY: II

MAPPED SPECTRAL RESPONSE ACCELERATIONS:

$S_s = 1.369g$ ,  $S_1 = 0.476g$

SITE CLASS: C

SPECTRAL RESPONSE COEFFICIENTS:

$S_{DS} = 1.095g$ ,  $S_{D1} = 0.476g$

SEISMIC DESIGN CATEGORY: D

BASIC SEISMIC-FORCE-RESISTING-SYSTEM:

TELECOMMUNICATION TOWER: STEEL POLE

SEISMIC BASE SHEAR,  $V$ : 3.9 K

SEISMIC RESPONSE COEFFICIENT,  $C_s$ : 0.409

RESPONSE MODIFICATION FACTOR,  $R$ : 1.5

ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

## GENERAL NOTES

- 1) CONTRACTOR SHALL FIELD VERIFY SITE OR LAYOUT RESTRICTIONS, SITE CONDITIONS, DIMENSIONS, AND ELEVATIONS BEFORE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF SCI, INC. PRIOR TO BEGINNING PROJECT. ALL WORK SHALL BE PERFORMED USING ACCEPTED CONSTRUCTION PRACTICES. CONTRACTOR TO VERIFY MATERIALS PROVIDED BY SCI PRIOR TO INSTALLATION.
- 2) ALL ENGINEERING PLANS, DRAWINGS, DESIGNS, CALCULATIONS AND SPECIFICATIONS (COLLECTIVELY, "PLANS") ARE DESIGNED TO THE PROPRIETARY MANUFACTURING SPECIFICATIONS OF SOLAR COMMUNICATIONS INTERNATIONAL, INC. ("SCI") INTENDED AND AUTHORIZED SOLELY FOR USE WITH PRODUCT PRODUCED BY SCI. UNAUTHORIZED USE IS STRICTLY PROHIBITED. CUSTOMER AGREES TO DEFEND, INDEMNIFY AND HOLD SCI HARMLESS FROM AND AGAINST ANY AND ALL DEMANDS, CLAIMS, SUITS, PROCEEDINGS, LOSSES, LIABILITIES, DAMAGES, FEES, COSTS AND EXPENSES (INCLUDING, WITHOUT LIMITATION, REASONABLE ATTORNEY'S FEES AND COSTS) ARISING FROM OR RELATING TO ANY UNAUTHORIZED USE OF SCI'S PLANS BY CUSTOMER.
- 3) NO FIELD MODIFICATIONS MAY BE MADE TO STRUCTURE WITHOUT THE EXPRESS WRITTEN CONSENT FROM THE ENGINEER OF RECORD. SCI, INC. AND ENGINEER OF RECORD ASSUME NO RESPONSIBILITY FOR THE STRUCTURE IF ALTERATIONS AND/OR ADDITIONS ARE MADE TO THE DESIGN AS SHOWN IN THESE DRAWINGS.
- 4) THE CONTRACTORS AND ALL SUBCONTRACTORS SHALL COMPLY WITH ALL LOCAL CODES, REGULATIONS, AND ORDINANCES AS WELL AS STATE DEPARTMENT OF INDUSTRIAL REGULATIONS AND DIVISION OF INDUSTRIAL SAFETY (OSHA) REQUIREMENTS.
- 5) THE CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK TO THE BEST OF HIS/HER ABILITY AND SKILL. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, AND SEQUENCES, AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 6) THE CONTRACTOR SHALL VERIFY, COORDINATE, AND PROVIDE ALL NECESSARY BLOCKING, BRACING, FRAMING, HANGERS OR OTHER SUPPORTS FOR ALL ITEMS REQUIRING SAME, WHETHER SHOWN OR NOT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, FORMWORK, ETC., AND SHALL CONFORM TO ALL NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES, IN ORDER TO SAFELY EXECUTE ALL STAGES OF WORK TO COMPLETE THIS PROJECT.
- 7) IT IS THE INTENT OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION OF THE STRUCTURE SHOWN.
- 8) CONTRACTOR ASSUMES RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THIS REQUIREMENT APPLIES CONTINUOUSLY, AND IS NOT LIMITED TO NORMAL WORKING HOURS.
- 9) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES. SHOWN OR NOT SHOWN. THE CONTRACTOR IS FINANCIALLY RESPONSIBLE FOR REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED IN CONJUNCTION WITH THE EXECUTION OF WORK ON THIS PROJECT.

## SPECIAL INSPECTIONS

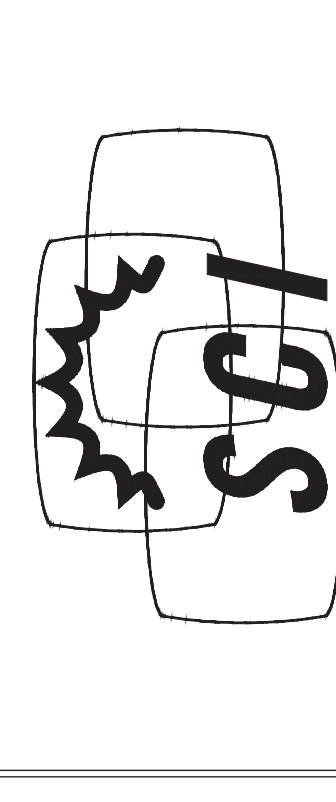
1. STEEL FABRICATION SHALL BE DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED AS REQUIRED BY THE BUILDING OFFICIAL TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. ALTERNATIVELY, SPECIAL INSPECTION OF MATERIALS, WELDING, AND FABRICATION PROCEDURES SHALL BE REQUIRED FOR FABRICATION BY AN UNAPPROVED FABRICATOR.
2. NO FIELD WELDING SHALL BE PERMITTED
3. THE FOLLOWING SPECIAL INSPECTIONS SHALL BE REQUIRED PER CHAPTER 17 OF THE BUILDING CODE:
  - SPECIAL INSPECTION OF HIGH-STRENGTH BOLTING (WHEN APPLICABLE):
    - PERIODIC SPECIAL INSPECTION IF BOLTS ARE PRETENSIONED WITH MATCH-MARKING TECHNIQUES
    - CONTINUOUS SPECIAL INSPECTION OF ALL OTHER HIGH-STRENGTH BOLTING
  - PERIODIC SPECIAL INSPECTION OF PLACEMENT OF REINFORCING STEEL
  - CONTINUOUS SPECIAL INSPECTION OF ANCHOR BOLTS PRIOR TO AND DURING CONCRETE PLACEMENT
  - CONTINUOUS SPECIAL INSPECTION OF CONCRETE PLACEMENT
  - CONTINUOUS SPECIAL INSPECTION OF DRILLING OPERATIONS FOR PIER FOUNDATIONS
  - CONTINUOUS SPECIAL INSPECTION TO VERIFY LOCATION, PLUMBNESS, DIAMETER, AND LENGTH OF PIER FOUNDATIONS
  - CONTINUOUS SPECIAL INSPECTIONS TO VERIFY LOCATION, PLUMBNESS, DIAMETER, AND SAMPLING & TESTING OF CONCRETE PER CHAPTER 17 OF THE BUILDING CODE TO VERIFY STRENGTH AND SLUMP
4. SPECIAL INSPECTION IS NOT REQUIRED FOR WORK OF A MINOR NATURE OR AS WARRANTED BY CONDITIONS IN THE JURISDICTION AS APPROVED BY THE BUILDING OFFICIAL. THUS, SPECIAL INSPECTION ITEMS ABOVE MAY BE WAIVED AS DEEMED APPROPRIATE BY THE BUILDING OFFICIAL.

## STRUCTURAL OBSERVATION

NO STRUCTURAL OBSERVATION IS REQUIRED.

## DISCLAIMERS

1. ALL STRUCTURAL COMPONENTS TO BE CONNECTED TOGETHER SHALL BE COMPLETELY FIT UP ON THE GROUND OR OTHERWISE VERIFIED FOR COMPATIBILITY PRIOR TO LIFTING ANY COMPONENT INTO PLACE. REPAIRS REQUIRED DUE TO FIT-UP OR CONNECTION COMPATIBILITY PROBLEMS AFTER PARTIAL ERECTION ARE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.
2. SOME TELECOMMUNICATION STRUCTURES ARE SUSCEPTIBLE TO WIND-INDUCED OSCILLATIONS. OSCILLATIONS MAY OCCUR AT LOW OR MODERATE WIND SPEEDS AND MAY CAUSE STRUCTURAL DAMAGE. TIA PROVIDES NO PRACTICAL ANALYTICAL METHOD TO PREDICT AND PREVENT WIND-INDUCED STRUCTURAL OSCILLATIONS. VECTOR STRUCTURAL ENGINEERING RECOMMENDS FREQUENT MONITORING TO IDENTIFY WIND-INDUCED OSCILLATION AND REGULAR CONDITION ASSESSMENTS TO IDENTIFY FATIGUE CRACKING, LOOSE OR MISSING BOLTS, AND ANY OTHER STRUCTURAL DEFECTS. ANY OSCILLATION OR DEFECTS OBSERVED SHALL BE IMMEDIATELY REPORTED TO VECTOR STRUCTURAL ENGINEERING FOR FURTHER EVALUATION AND POSSIBLE REPAIRS OR MODIFICATIONS WHICH MAY BE REQUIRED AT THE OWNER'S EXPENSE.
3. WHERE EFFECTIVE PROJECTED AREAS (EPA) ARE USED, IT IS THE RESPONSIBILITY OF OTHERS TO VERIFY INSTALLED EQUIPMENT DOES NOT EXCEED LISTED EPA.



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DATE: 11/08/22	DESIGNED: EME	DRAFTER: EME
REV	DATE	DESCRIPTION

AT&T

NOTES & SPECIFICATIONS

COMMUNITY CONGREGATIONAL CHURCH

SITE # SSO071

30'-0" MONOEUCALYPTUS

2088 BERYL STREET  
SAN DIEGO, CA 92109  
SAN DIEGO COUNTY

## BASE DESIGN REACTIONS

MOMENT,  $M = 207$  K-FT (1.0 WIND)  
SHEAR,  $V = 9.4$  K (1.0 WIND)  
AXIAL,  $R = 11.3$  K (1.2 DEAD)



11/08/2022

U1085.1795.221

REV 0  
N1



**DESIGN LOADING:**

- ANTENNA C.L. @ 24'-0" A.G.L.:
- (3) COMSCOPE NH4-65B-R6H4 PANEL ANTENNAS
  - (3) ERICSSON AIR 6419 B77G PANEL ANTENNAS
  - (3) ERICSSON AIR 6449 B77D PANEL ANTENNAS
  - (3) COMSCOPE NHH-65B-R4 PANEL ANTENNAS
  - (3) 4449 B5/B12 RRUS
  - (3) 8843 B2/B66A RRUS
  - (3) 4478 B14 RRUS
  - (3) 32 B30 RRUS
  - (24) (24"x12"x10") RRUS
  - (2) DC6 RAYCAPS
  - (2) DC9 RAYCAPS
  - (3) SITEPRO 1 VFA10-HD MOUNTS, ADEQUACY DETERMINED BY OTHERS

**APPURTENANCES**

N.T.S.

2

**MONOPOLE SECTION CHART<sup>2</sup>**

SECTION	LENGTH	φTOP <sup>4</sup>	φBOTTOM <sup>4</sup>	THICKNESS	WEIGHT <sup>1,3</sup>
1	26'-0"	18.00"	18.00"	3/16"	1.5 K

**NOTES:**

1. SECTION WEIGHT INCLUDES PORTS. LOWEST SECTION WEIGHT INCLUDES BASEPLATE WEIGHT.
2. DESIGN TAPER = 0 in/ft.
3. WEIGHTS LISTED IN THIS CHART ARE RAW STEEL WEIGHTS. FINAL WEIGHTS MAY BE UP TO 22% GREATER DUE TO GALVANIZING AND OTHER MISCELLANEOUS ITEMS.
4. DIAMETER OF POLE SECTIONS AT LAP SPICES MAY BE ADJUSTED BY UP TO 0.06" TO ACCOUNT FOR THE THICKNESS OF COATINGS.

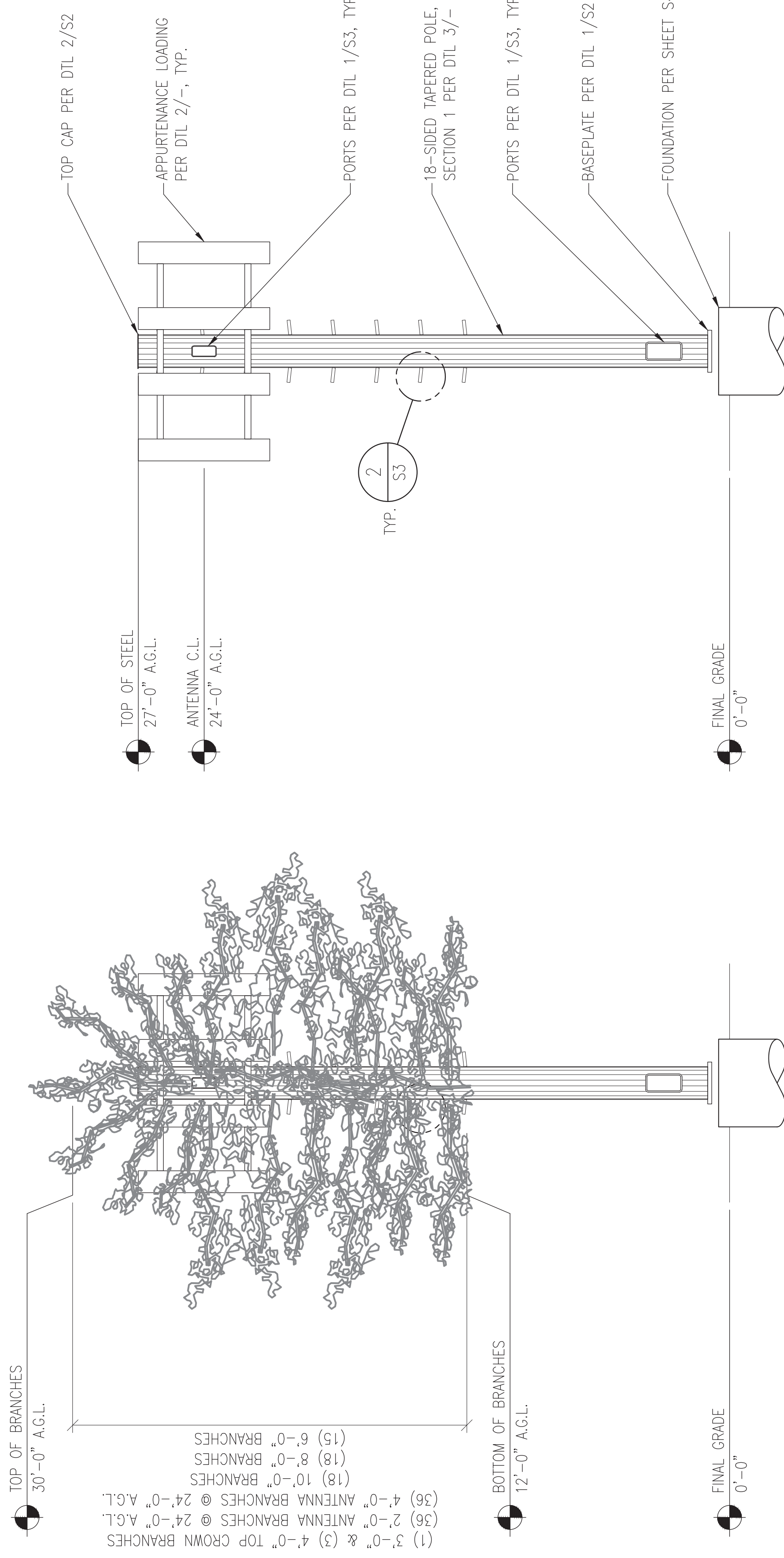
**POLE SECTIONS**

N.T.S.

3

NOTE: BRANCHES ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY AND ARE NOT NECESSARILY SHOWN TO SCALE.

NOTE: ANTENNAS & PORTS ARE SHOWN FOR ILLUSTRATIVE PURPOSES & ARE NOT NECESSARILY SHOWN TO SCALE



**ELEVATIONS**

N.T.S.

1

**ELEVATION VIEWS**

COMMUNITY CONGREGATIONAL CHURCH  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

SITE #: SS0071  
 30'-0" MONOEUCALYPTUS



11/08/2022

U1085.1795.221

S1

REV 0

AT&T

DATE: 11/8/22 DESIGNED: EME DRAFTER: EME

REV	DATE	DESCRIPTION

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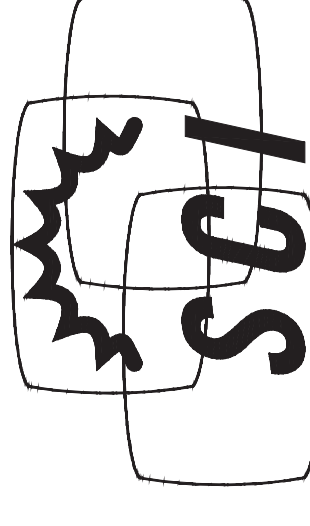
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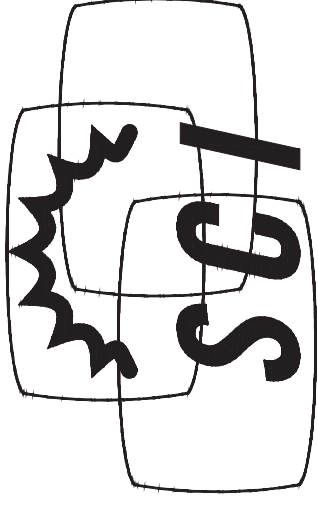
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Temecula, CA 92592

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DATE: 11/08/22	DESIGNED: EME	DRAFTER: EME
REV	DATE	DESCRIPTION

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COMMUNITY CONGREGATIONAL CHURCH  
 30'-0" MONOEUCALYPTUS  
 SITE #: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

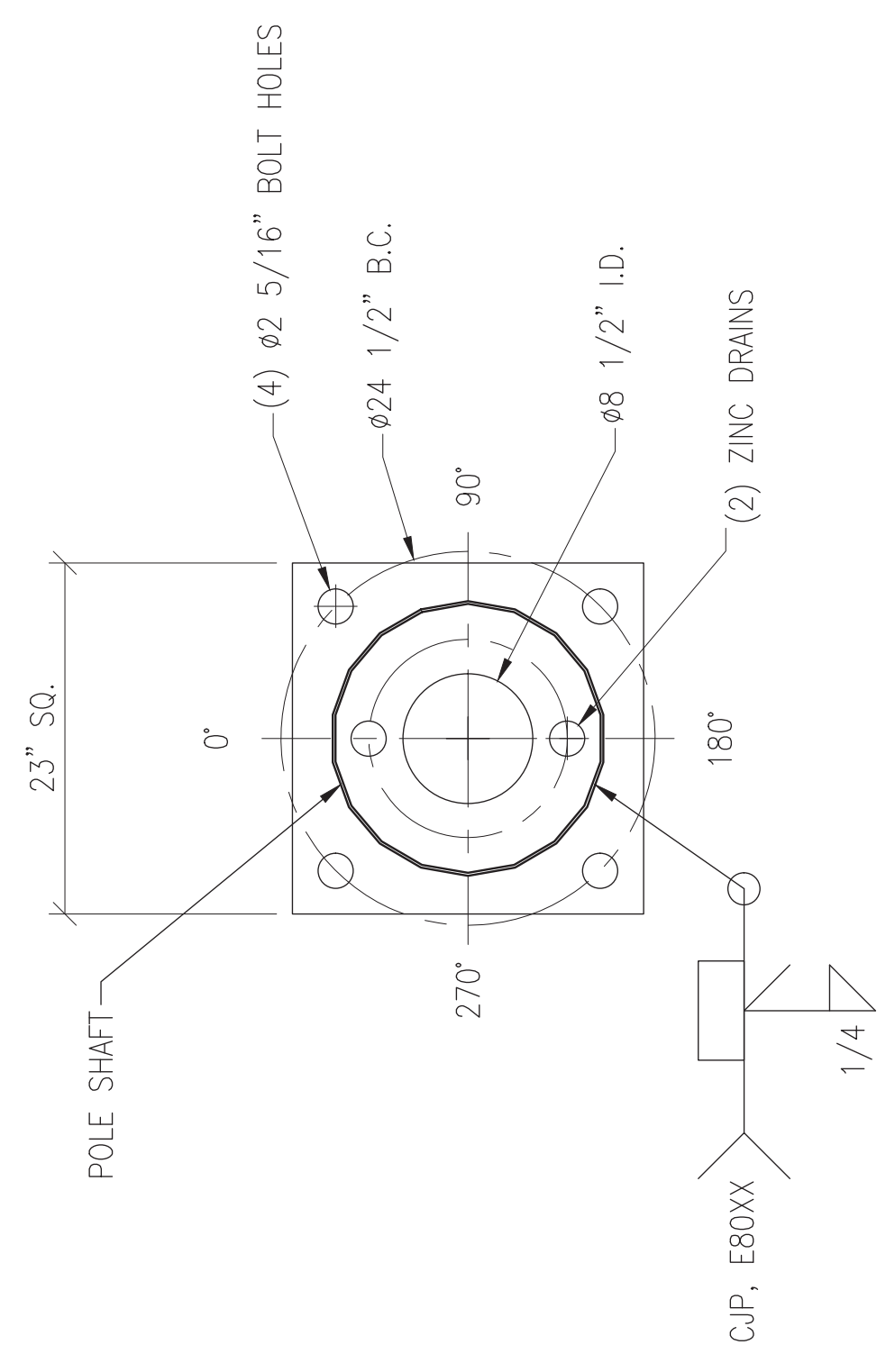
DETAILS



11/08/2022

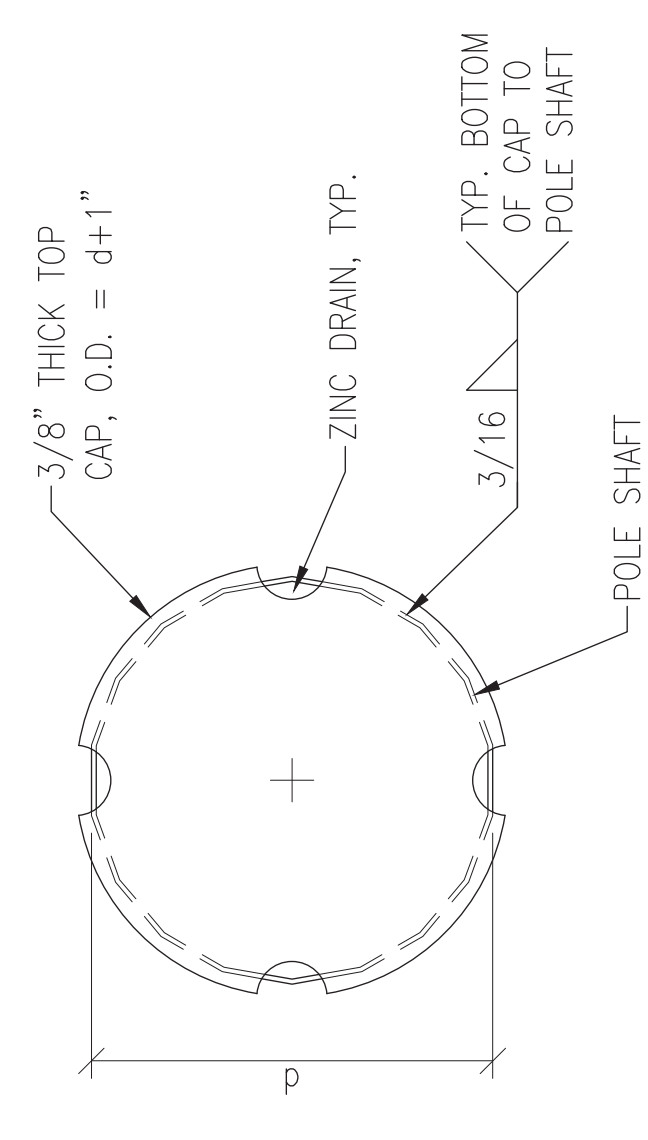
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S2 REV 0



BASEPLATE  
 N.T.S.

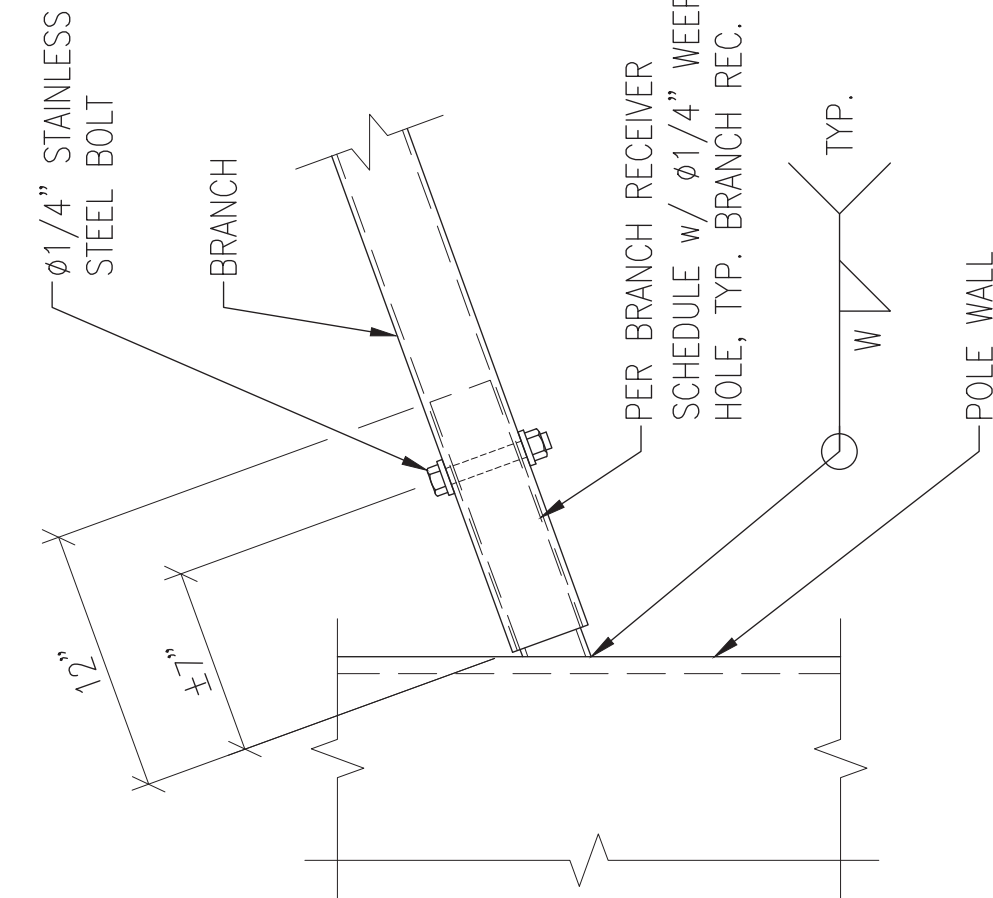
1



TOP CAP  
 N.T.S.

2





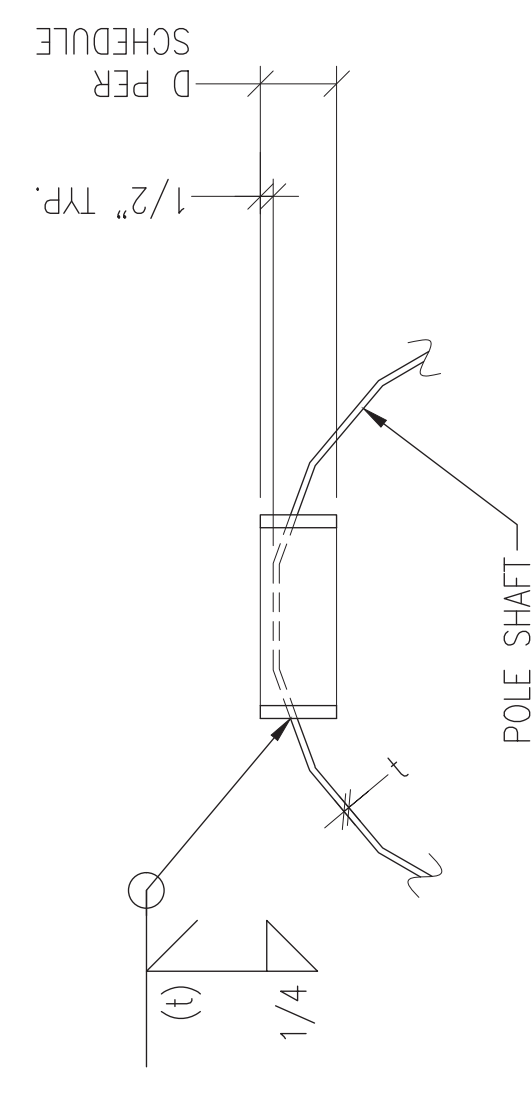
BRANCH RECEIVER SCHEDULE		
BRANCH LENGTH	YIELD STRENGTH (KSI)	W
4'-0"	35	1 1/4" SCH 40 3/16
6'-0"	35	1 1/4" SCH 40 3/16
8'-0"	35	1 1/4" SCH 40 3/16
10'-0"	35	1 1/4" SCH 40 3/16
12'-0"	35	1 1/4" SCH 80 1/4

NOTE: BRANCH RECEIVERS ARE DESIGNED FOR A MAX WIND SPEED OF 110 MPH (REV G OR H), EXPOSURE C, AND MAX HEIGHT FOR 4'-8' BRANCHES IS 120' A.G.L. 10' BRANCHES ARE LIMITED TO 80'-0" A.G.L. AND 12' TO A HEIGHT OF 45' A.G.L.

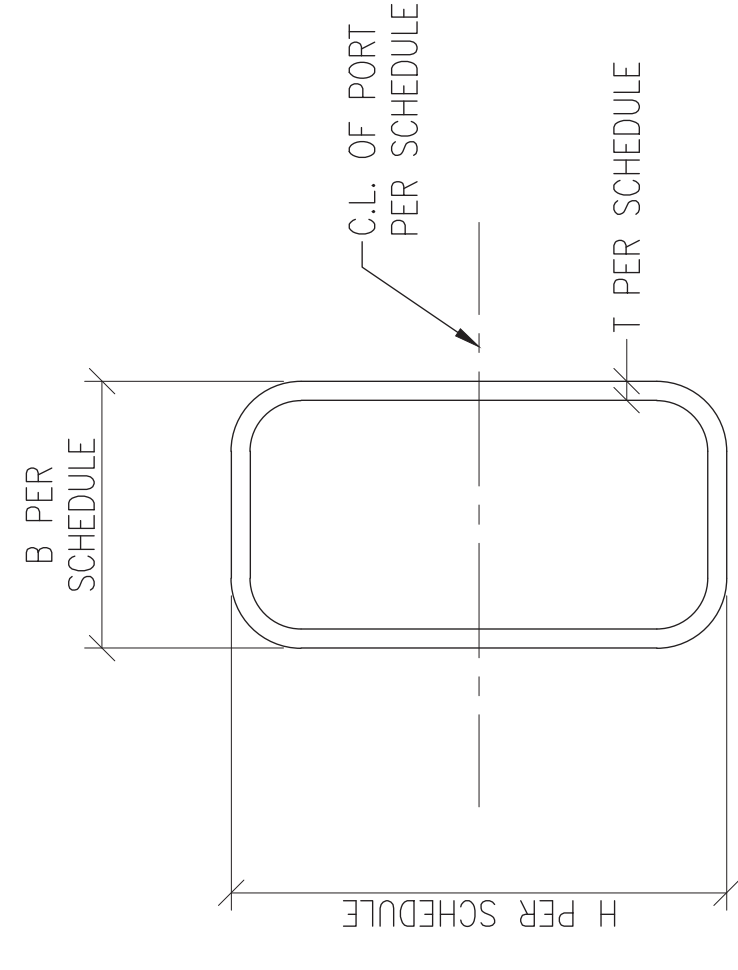
**TYPICAL BRANCH RECEIVER**  
N.T.S.

NOTE: SEE SCHEDULE FOR PORT QUANTITY & AZIMUTHS

NOTE: SEE DTL 3/S1 FOR POLE SHAFT THICKNESS, t



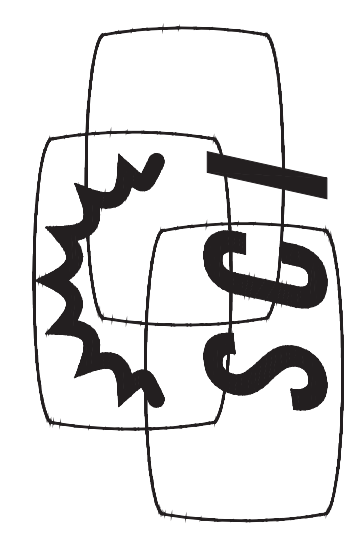
SECTION VIEW



ELEVATION VIEW

PORT SCHEDULE					
C.L. ELEV.	PORT SIZE (B x H)	D	T	QTY	AZIMUTH(S)
24'-0"	6"x12"	3"	1/2"	3	120° SEPARATION
3'-0"	10"x20"	3.5"	3/4"	2	180° SEPARATION

**PORTS**  
N.T.S.



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DATE: 11/08/22	DESIGNED: EME	DRAFTER: EME
REVISIONS		
REV	DATE	DESCRIPTION

**AT&T**

DETAILS

COMMUNITY CONGREGATIONAL CHURCH

SITE #: SS0071

2088 BERYL STREET  
SAN DIEGO, CA 92109  
SAN DIEGO COUNTY



11/08/2022

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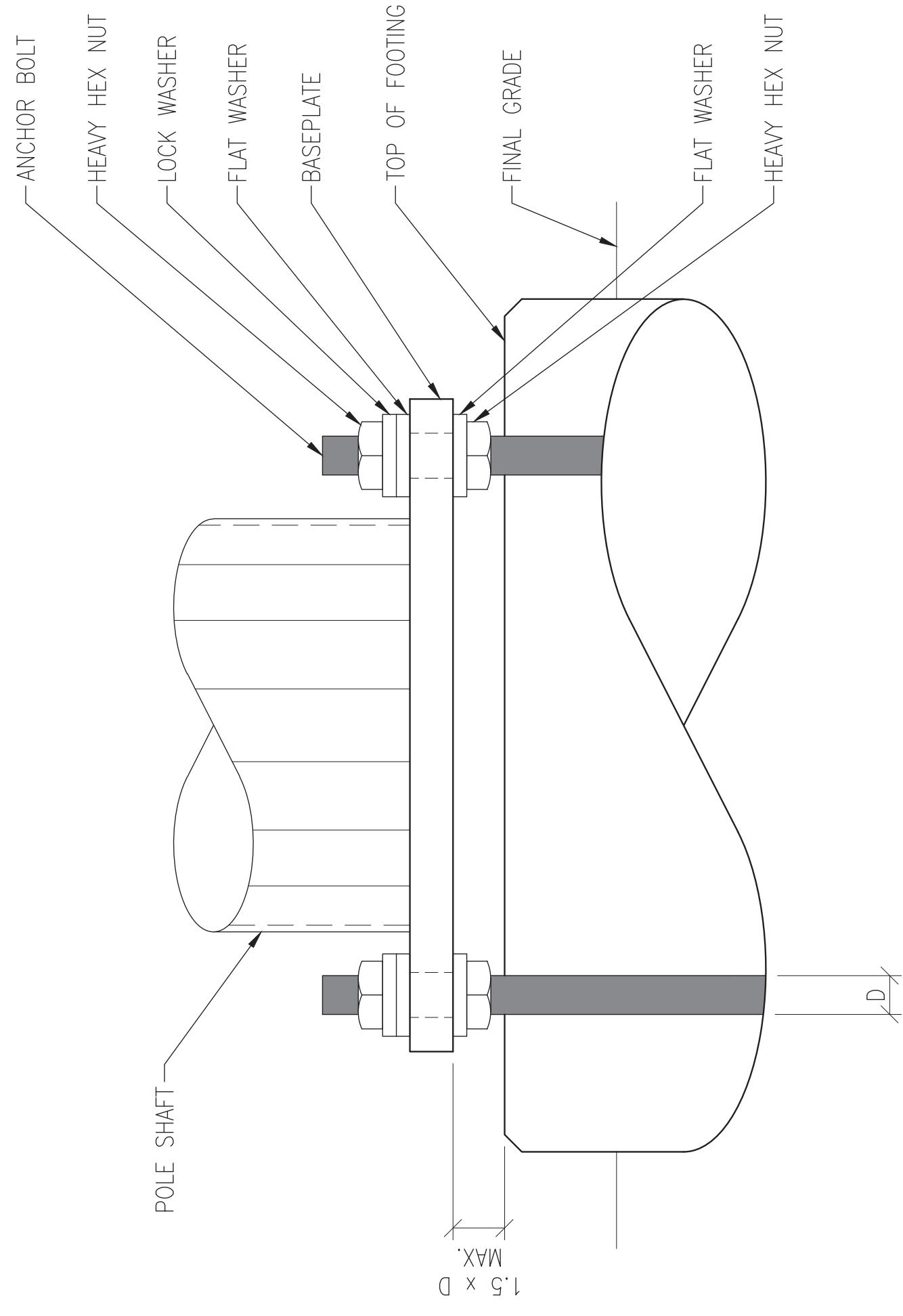
**S3**

REV 0



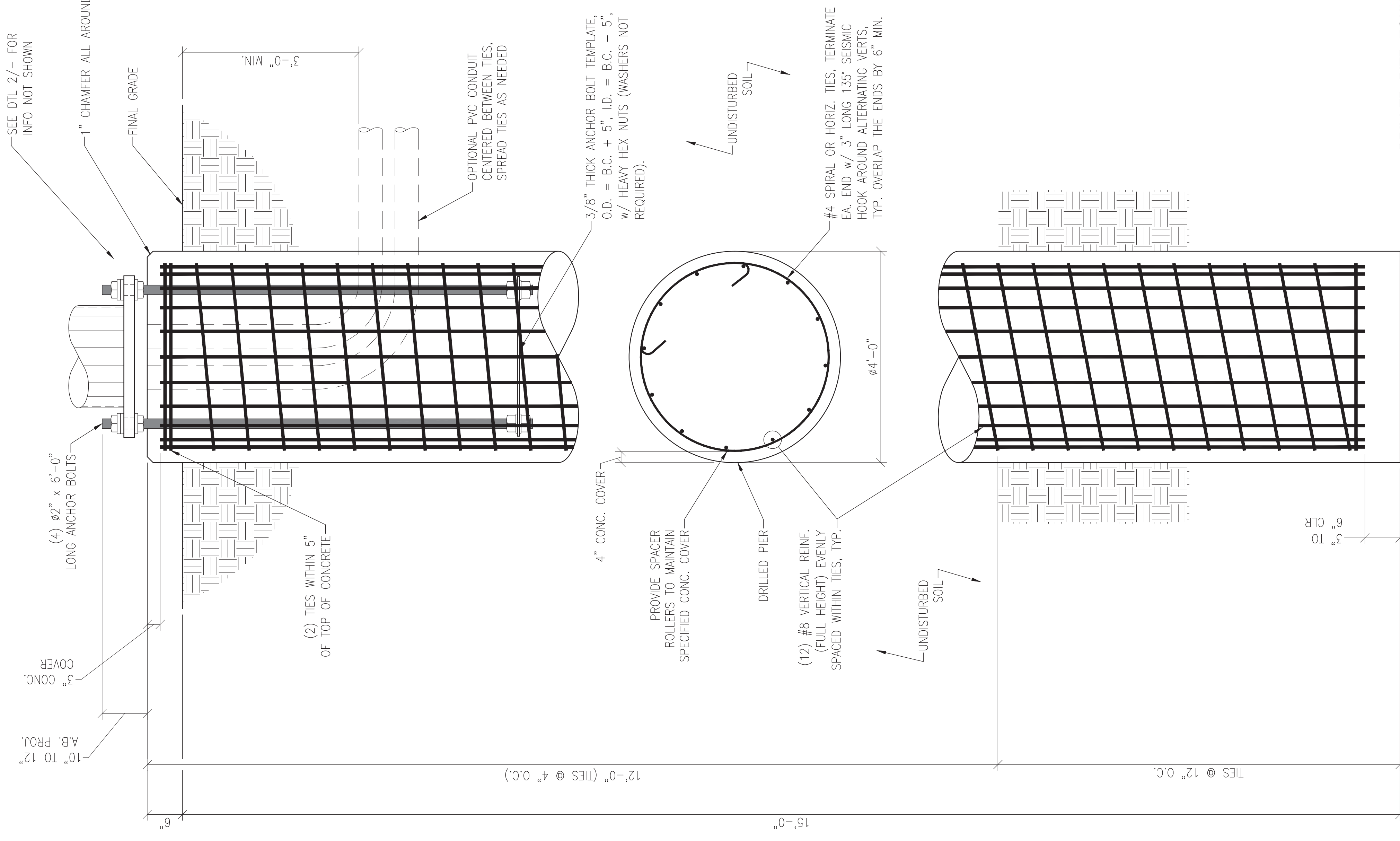
## FOUNDATION NOTES

- FOUNDATION DESIGN IS BASED ON THE FOLLOWING GEOTECHNICAL REPORT:  
TORO INTERNATIONAL  
REPORT: 22-008.1  
DATE: OCTOBER 27, 2022
- ALL CONCRETE SHALL USE TYPE II PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE SHALL HAVE A MINIMUM OF 6% ENTRAINED AIR (WHERE FROST DEPTH > 0'). CONCRETE SHALL HAVE A MAXIMUM WATER/CEMENT RATIO OF 0.50. CONCRETE SHALL HAVE A SLUMP OF 5" (±1") UNLESS OTHERWISE SPECIFIED IN THE GEOTECHNICAL REPORT. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," ACI 318-14. FOUNDATION INSTALLATION SHALL BE IN ACCORDANCE WITH ACI 336, "STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF DRILLED PIERS," LATEST EDITION.
- REINFORCING STEEL SHALL CONFORM WITH THE REQUIREMENTS OF ASTM A-615, GRADE 60. ALL REINFORCING DETAILS SHALL CONFORM TO "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315, LATEST EDITION, UNLESS DETAILED OTHERWISE ON THIS DRAWING. CONTRACTOR SHALL USE STEEL WIRE TO HOLD REINFORCING BARS TOGETHER. IF WELDING REBAR IS PREFERRED, SUBSTITUTE A706 GR. 60 DEFORMED BARS.
- CONTRACTOR IS RESPONSIBLE FOR CHECKING AREA FOR UNDERGROUND FACILITIES PRIOR TO EXCAVATING ANY MATERIALS.
- CONTRACTOR SHALL REFER TO SOILS REPORT FOR SITE CONDITIONS AND FURTHER CONSTRUCTION INFORMATION.
- CONTRACTOR SHALL VERIFY ANCHOR BOLT LAYOUT PRIOR TO AND IMMEDIATELY AFTER PLACING CONCRETE. ANCHOR BOLT LAYOUT IS CRITICAL FOR STRUCTURE INSTALLATION.
- CONCRETE SHALL BE CONSOLIDATED USING VIBRATORY METHODS THROUGHOUT DEPTH OF FOUNDATION. VIBRATING LOWER DEPTHS MAY NOT BE ACCOMPLISHED BY TOUCHING REBAR CAGE WITH VIBRATOR.
- DEPENDING ON SOIL CONDITIONS, CONTRACTOR SHOULD ANTICIPATE THE USE OF A FULL-LENGTH TEMPORARY CASING TO STABILIZE THE EXCAVATION. THE CASING SHALL BE WITHDRAWN DURING THE PLACEMENT OF CONCRETE IN THE EXCAVATED HOLE. CONCRETE SHALL NOT FREE FALL. CONCRETE MAY BE PLACED BELOW WATER USING TREMIE METHODS.
- CONCRETE SHALL BE PLACED TO THE DEPTH INDICATED, AND THE ABOVE GRADE PORTION SHALL BE FORMED. THE REBAR CAGE, ANCHOR BOLTS, AND CONCRETE SHALL BE PLACED WITHIN 24 HOURS OF COMPLETING THE EXCAVATION. COLD JOINTS ARE NOT ALLOWED, U.N.O.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ADEQUATE CONCRETE COVERAGE OVER REINFORCING BARS. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL USE 3" CONCRETE COVER OVER REBAR. TOP OF FOOTING SHALL BE TROWEL LEVEL AND SMOOTH.
- INSTALLATION OF FOUNDATION MUST BE OBSERVED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER FIRM. GEOTECHNICAL ENGINEER TO PROVIDE A NOTICE OF INSPECTION FOR THE BUILDING INSPECTOR FOR REVIEW AND RECORD PURPOSES.
- CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR INFORMATION REGARDING INSTALLATION METHOD, REQUIRED INSTALLATION EQUIPMENT, AND ALL OTHER REQUIREMENTS RELATED TO THE INSTALLATION OF THE PIER.
- STRUCTURE MAY BE ERECTED 3-DAYS AFTER FOUNDATION IS INSTALLED AND ONCE CONCRETE STRENGTH IS AT LEAST 4000 PSI.



N.T.S.

2



N.T.S.

DRILLED PIER FOUNDATION

1

## DRILLED PIER FOUNDATION

COMMUNITY CONGREGATIONAL CHURCH

SITE #: SS0071

2088 BERYL STREET

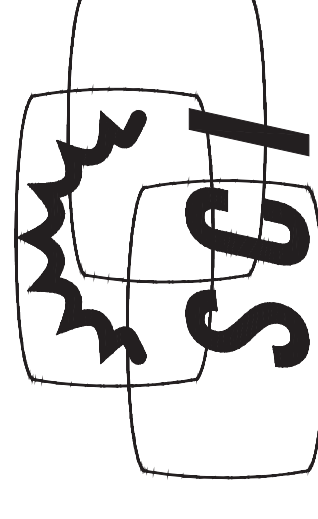
SAN DIEGO, CA 92109

SAN DIEGO COUNTY

AT&T

DATE: 11/08/22 DESIGNED: EME DRAFTER: EME

REV	DATE	REVISIONS	DESCRIPTION



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## DRILLED PIER FOUNDATION

COMMUNITY CONGREGATIONAL CHURCH

SITE #: SS0071

2088 BERYL STREET

SAN DIEGO, CA 92109

SAN DIEGO COUNTY



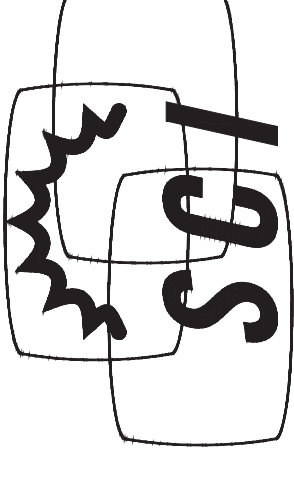
11/08/2022

U1085.1795.221

REV 0  
S4



CONSULTANT



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CLIENT \_\_\_\_\_

PROJECT  
**30'-0" MONOEUCALYPTUS**

LOCATION  
**COMMUNITY CONGREGATIONAL CHURCH  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
SAN DIEGO COUNTY**

ISSUED FOR  
**PRODUCTION**

DW'N BY \_\_\_\_\_ CK'D BY \_\_\_\_\_ DATE \_\_\_\_\_  
**MAQ LEM 11 NOV22**

REV.	CHANGES	DATE	BY

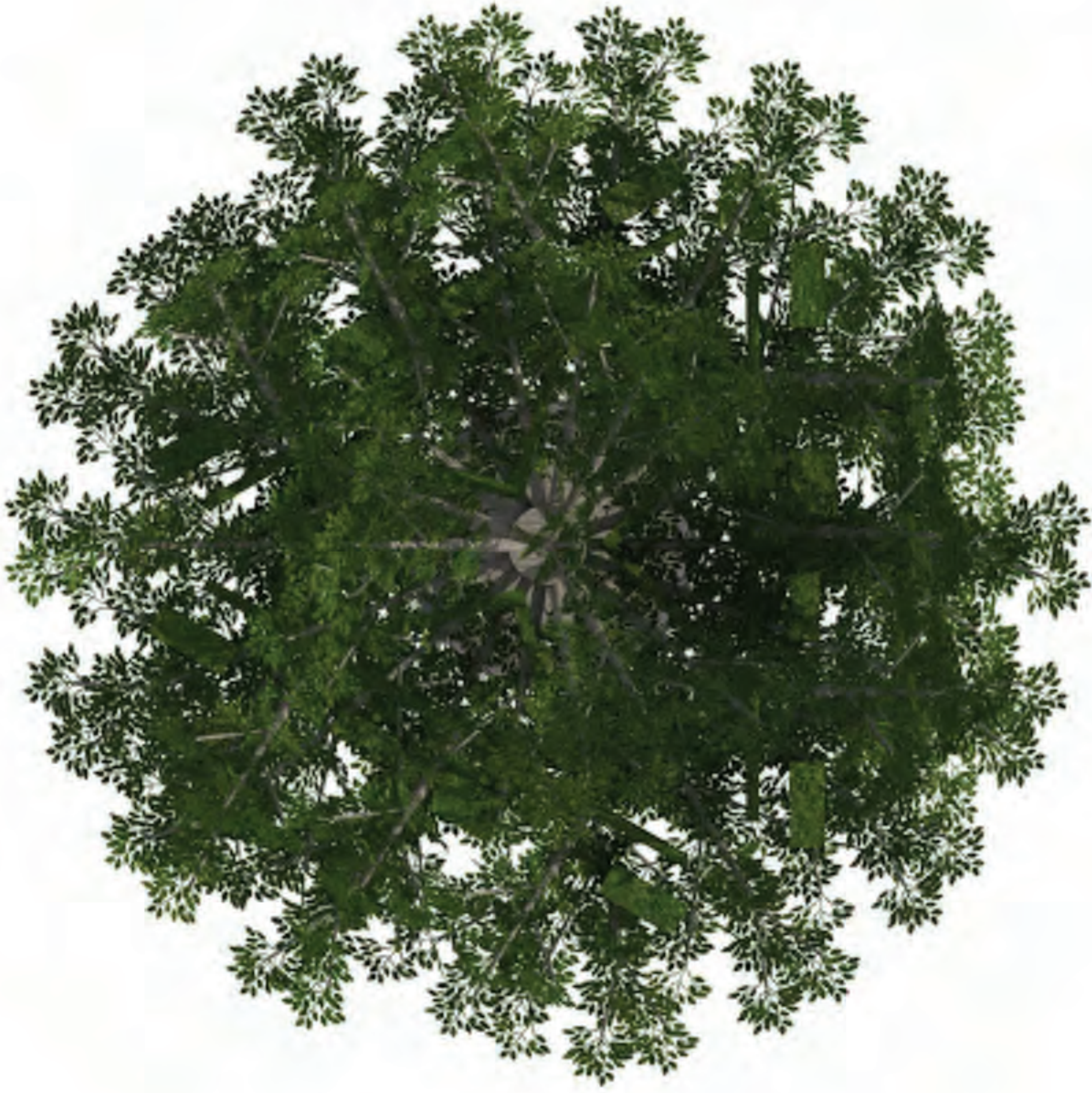
ENGINEER SEAL \_\_\_\_\_

SHEET TITLE  
**PLAN & ELEVATION VIEW**

WSC PROJECT NUMBER \_\_\_\_\_

DRAWING NUMBER \_\_\_\_\_

PAGE NUMBER  
**RF-1**



**ELEVATION VIEW**

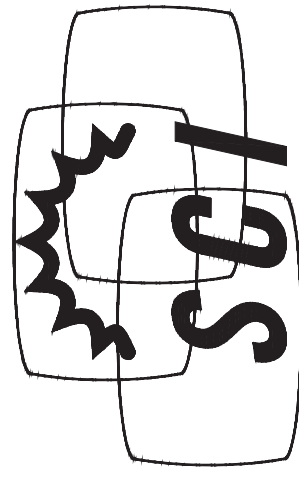
SCALE: NONE

**PLAN VIEW**

1

2





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 Phone: (951) 698-5985  
 www.RFTtransparent.com

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CLIENT \_\_\_\_\_

PROJECT  
**30' -0" MONOEUCALYPTUS**

LOCATION  
**COMMUNITY CONGREGATIONAL CHURCH**  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR  
**PRODUCTION**

DW'N BY  
**MAQ LEM**

CK'D BY \_\_\_\_\_ DATE \_\_\_\_\_

**11 NOV 22**

REVISIONS		
REV.	CHANGES	DATE

ENGINEER SEAL \_\_\_\_\_

SHEET TITLE  
**PERSPECTIVE & ISOMETRIC VIEW**

WSC PROJECT NUMBER \_\_\_\_\_

DRAWING NUMBER \_\_\_\_\_

PAGE NUMBER  
**RF-2**



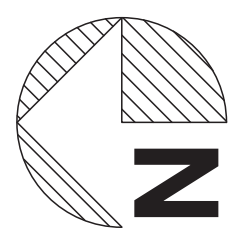
**ISOMETRIC VIEW**

SCALE: NONE



**PERSPECTIVE VIEW**





(1) 3' BRANCH  
(3) 4' BRANCHES

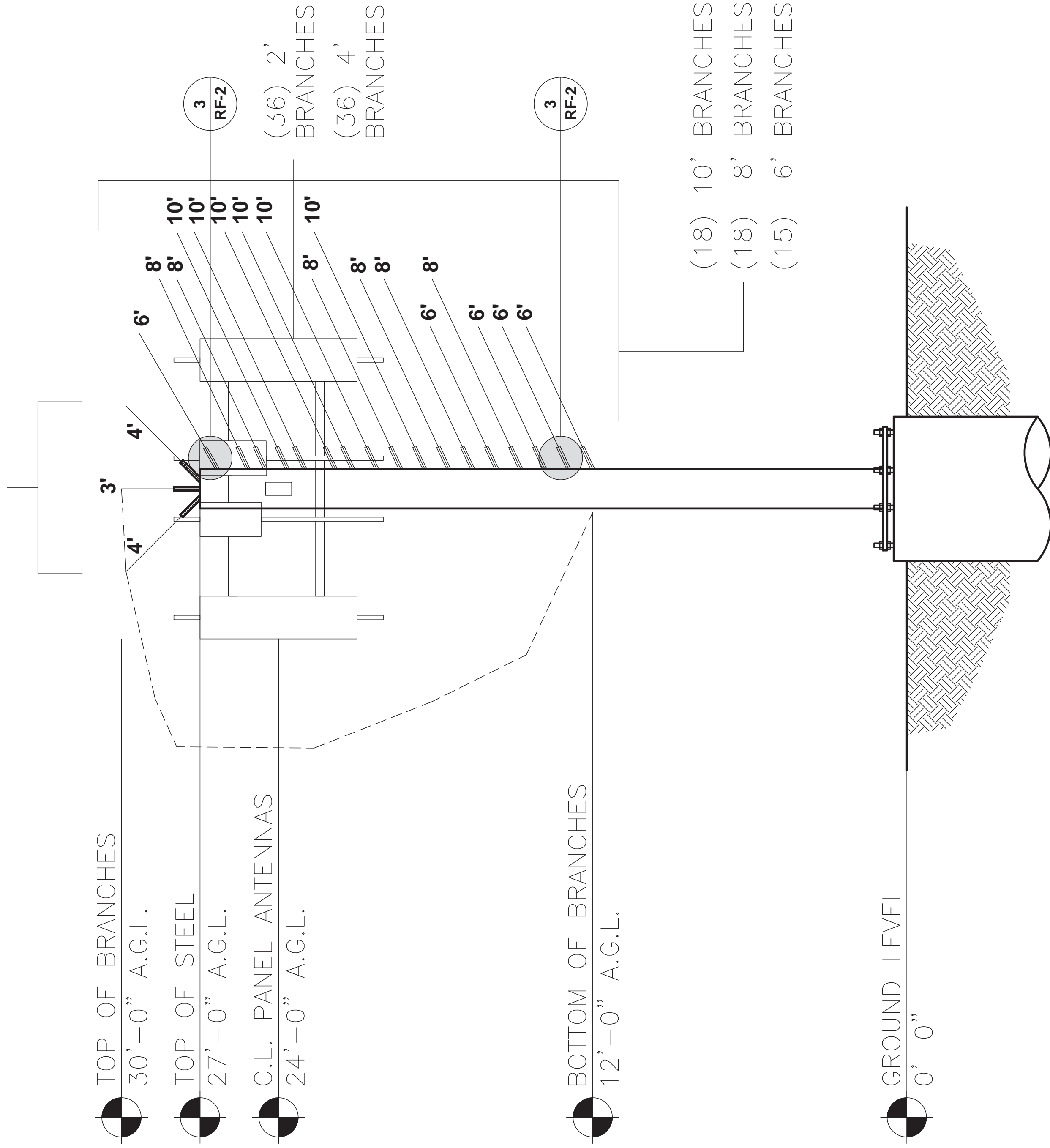
TOP OF BRANCHES  
30'-0" A.G.L.

TOP OF STEEL  
27'-0" A.G.L.

C.L. PANEL ANTENNAS  
24'-0" A.G.L.

BOTTOM OF BRANCHES  
12'-0" A.G.L.

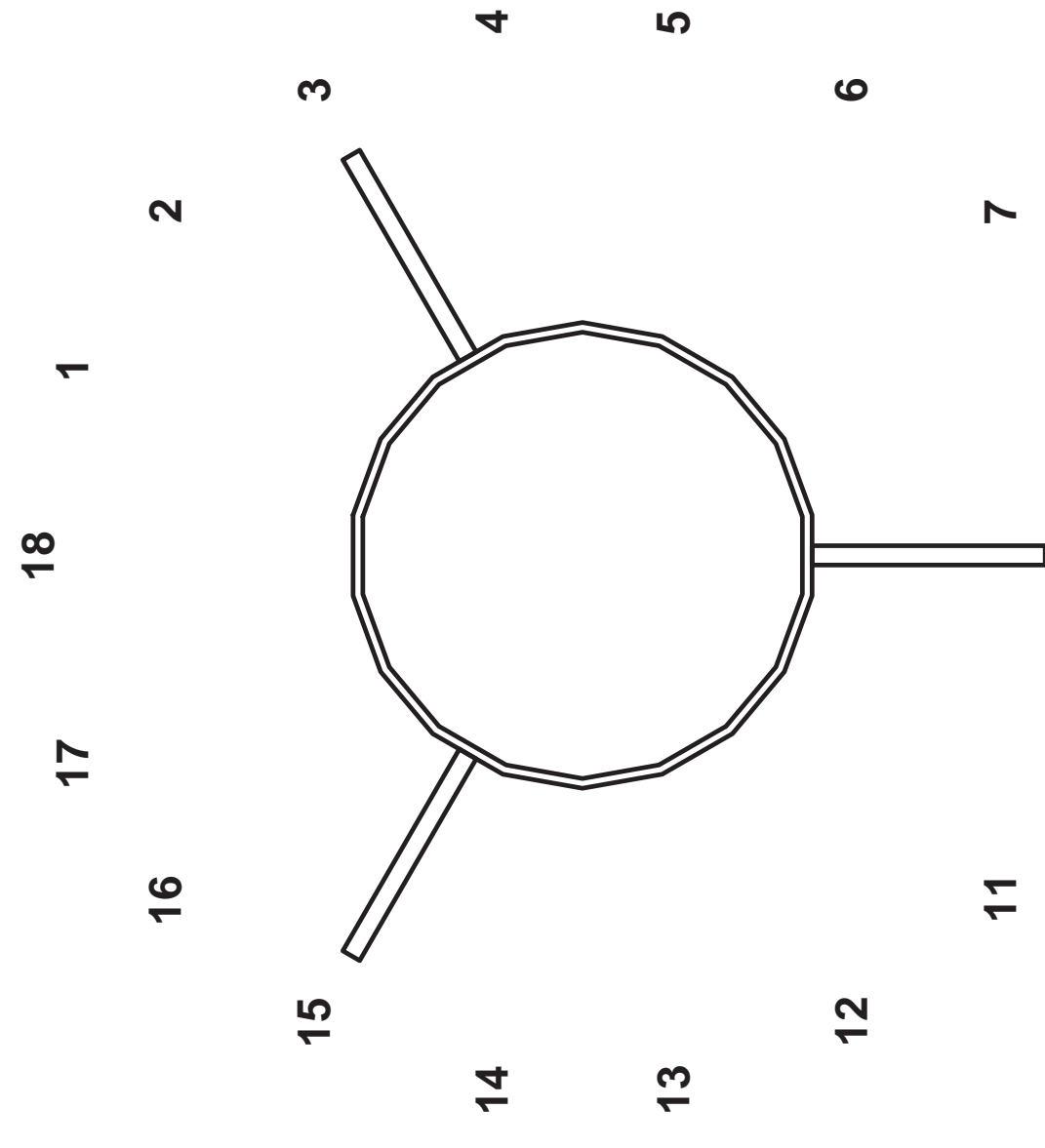
GROUND LEVEL  
0'-0"



**STRUCTURAL ELEVATION VIEW**

SCALE: NONE

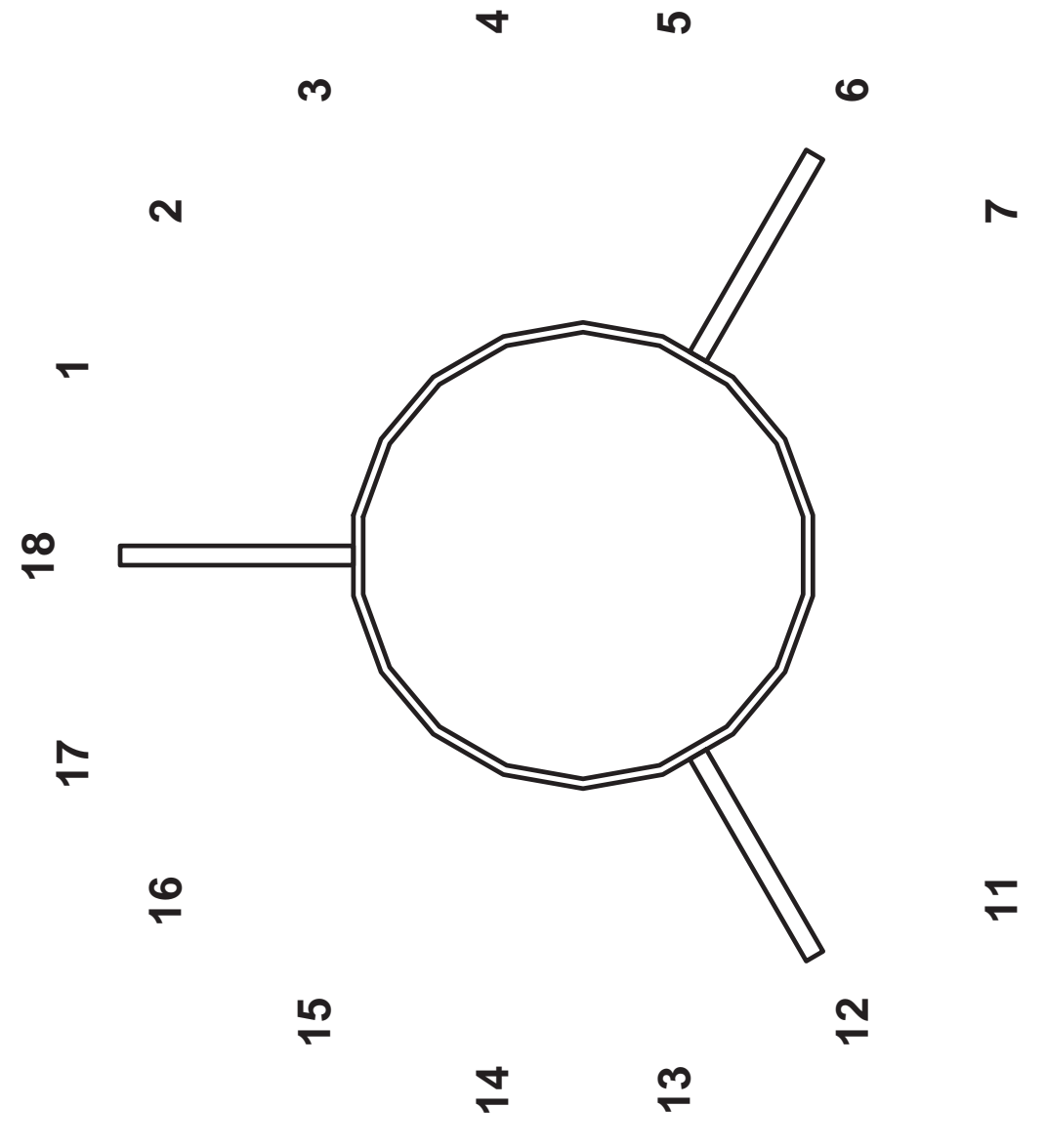
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**RECEPTACLE "A"**

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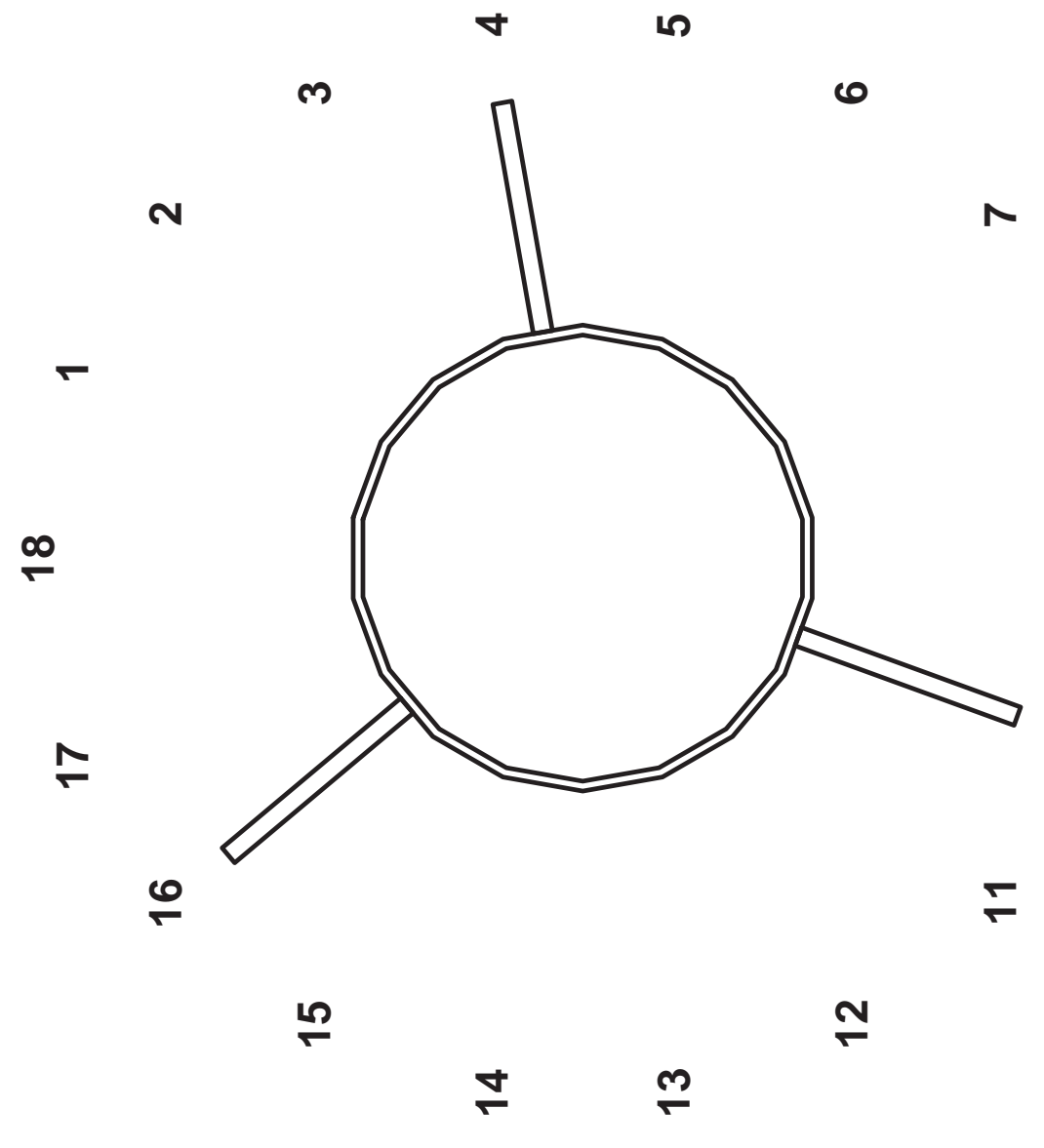
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**RECEPTACLE "B"**

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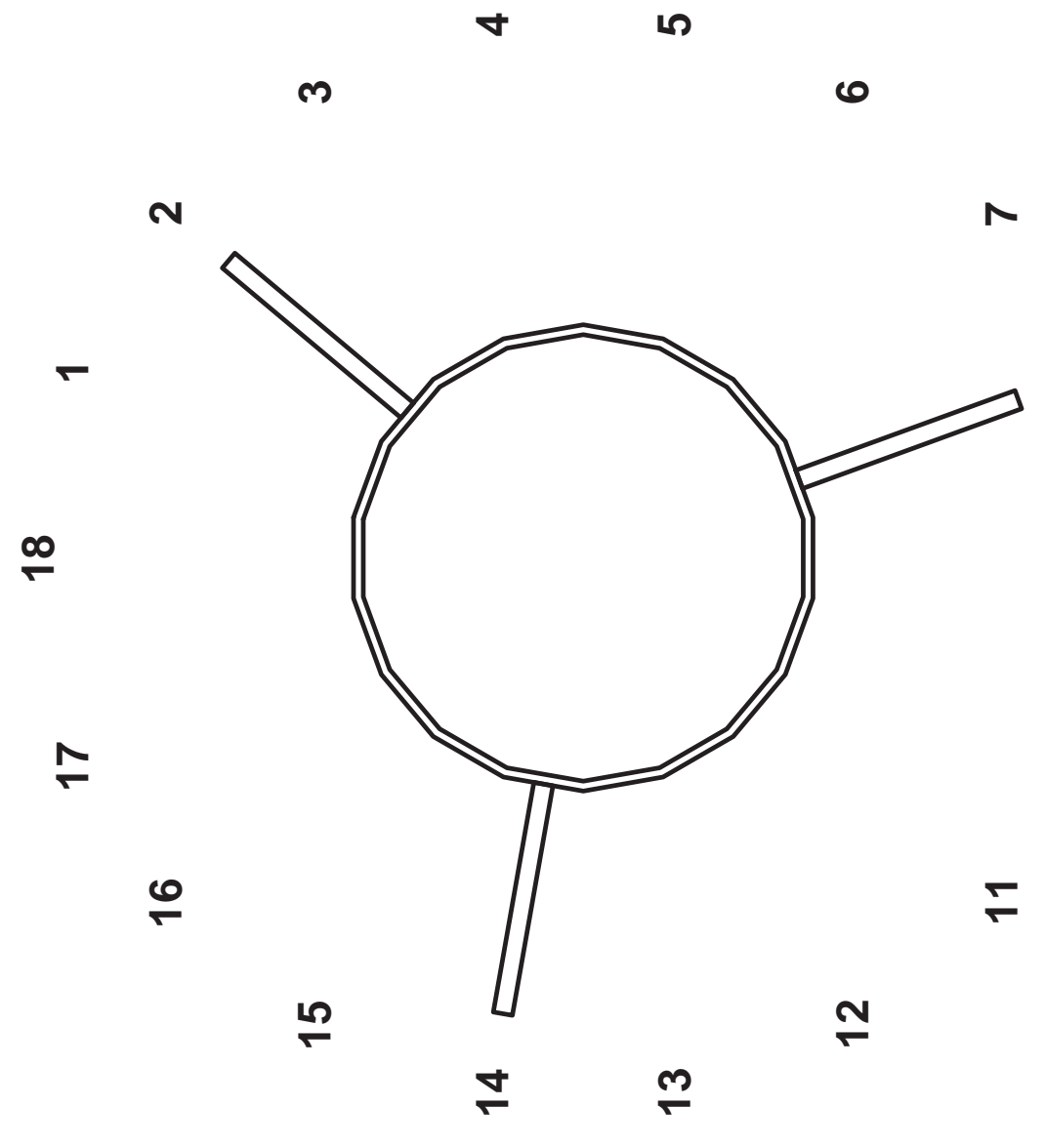
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**RECEPTACLE "C"**

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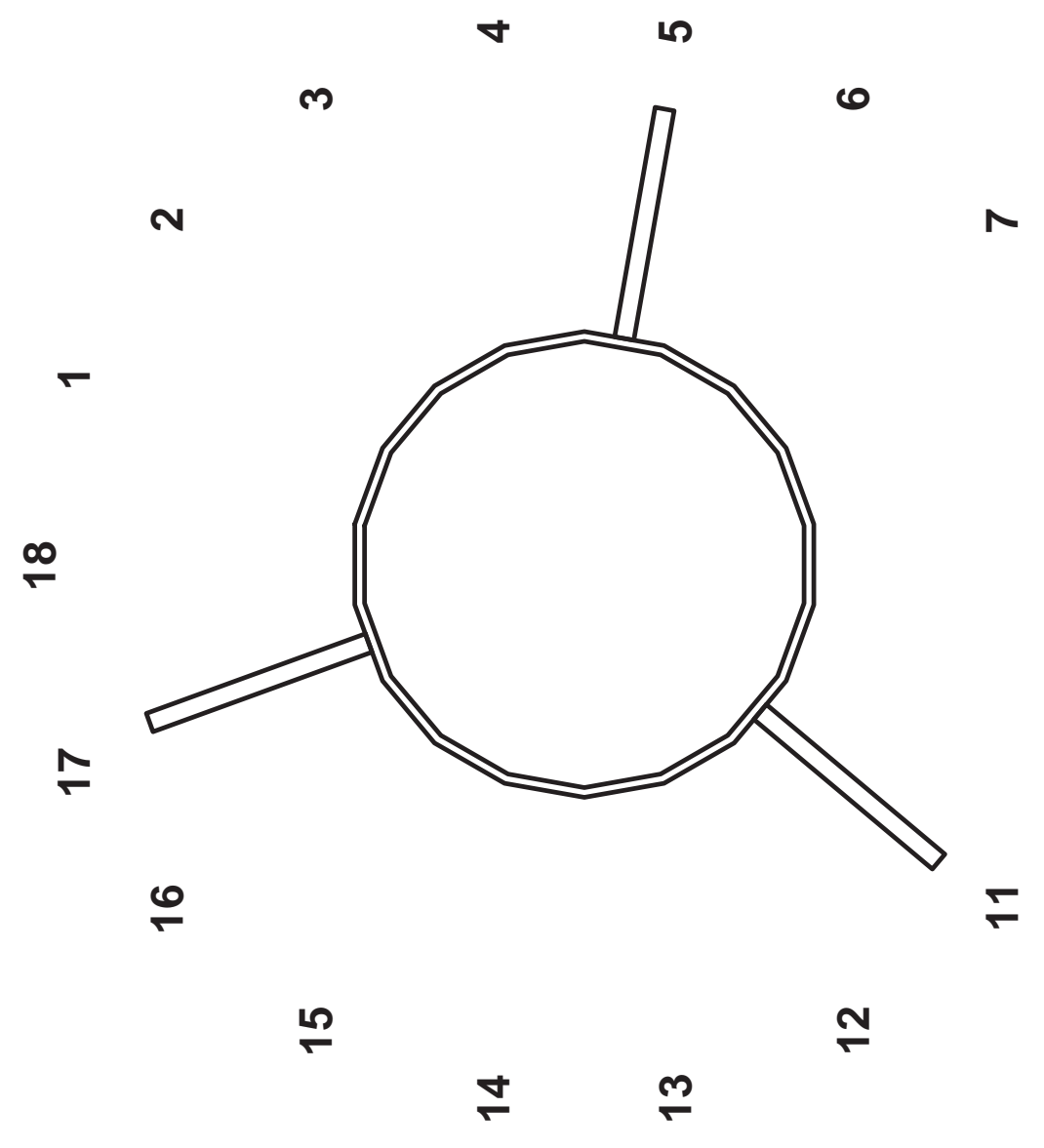
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**RECEPTACLE "D"**

SCALE: NONE

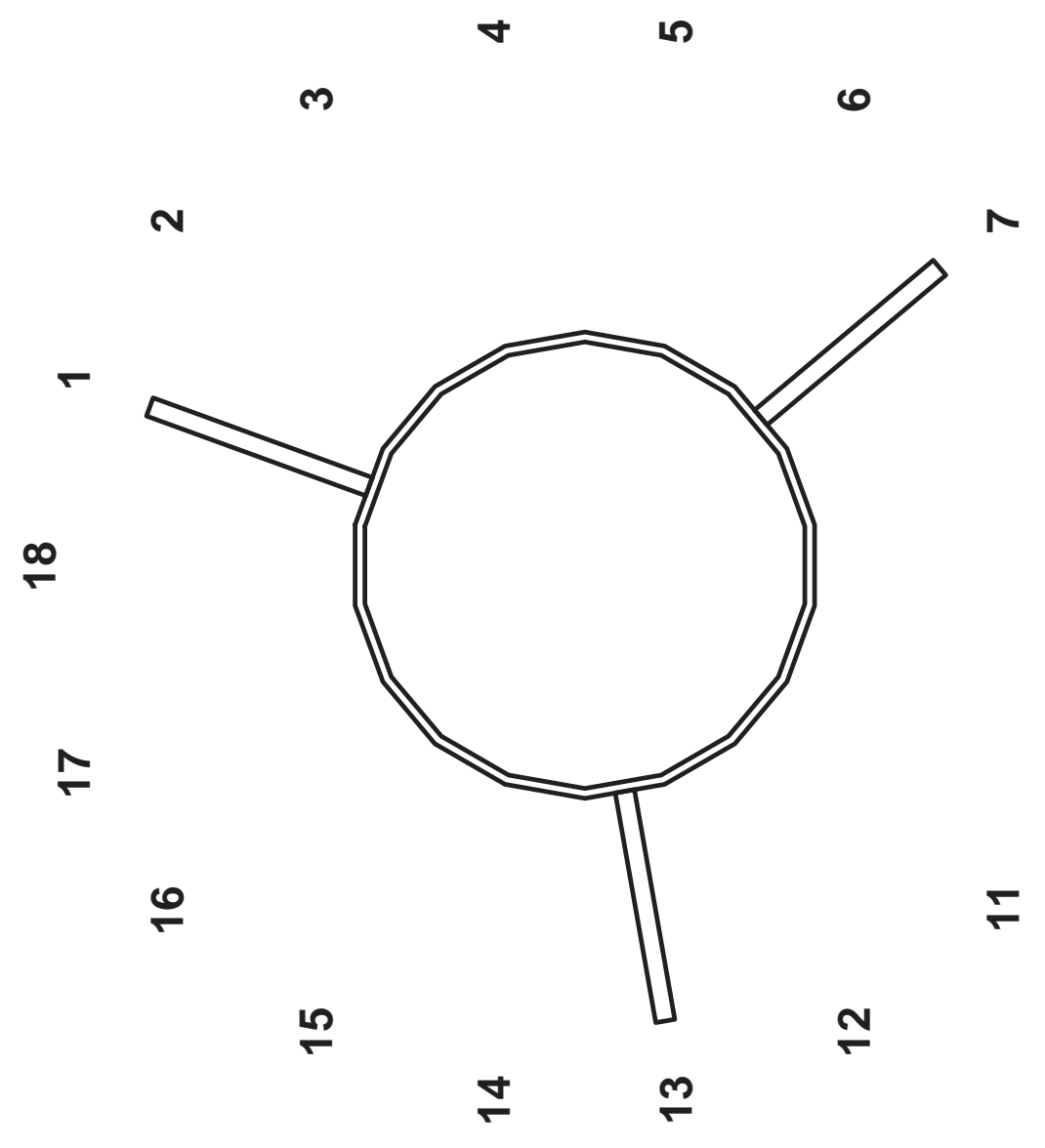
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**RECEPTACLE "E"**

SCALE: NONE

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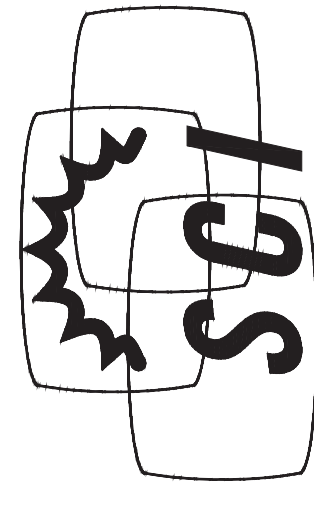


**RECEPTACLE "F"**

SCALE: NONE

**7**

CONSULTANT



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CLIENT

PROJECT

30'-0" MONOEUCALYPTUS

LOCATION

COMMUNITY CONGREGATIONAL CHURCH

2088 BERYL STREET  
SAN DIEGO, CA 92109  
SAN DIEGO COUNTY

ISSUED FOR

PRODUCTION

DRAWN BY

CK'D BY

DATE

MAQ LEM 10NOV22

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL

SHEET TITLE

ELEVATION & PLAN VIEW

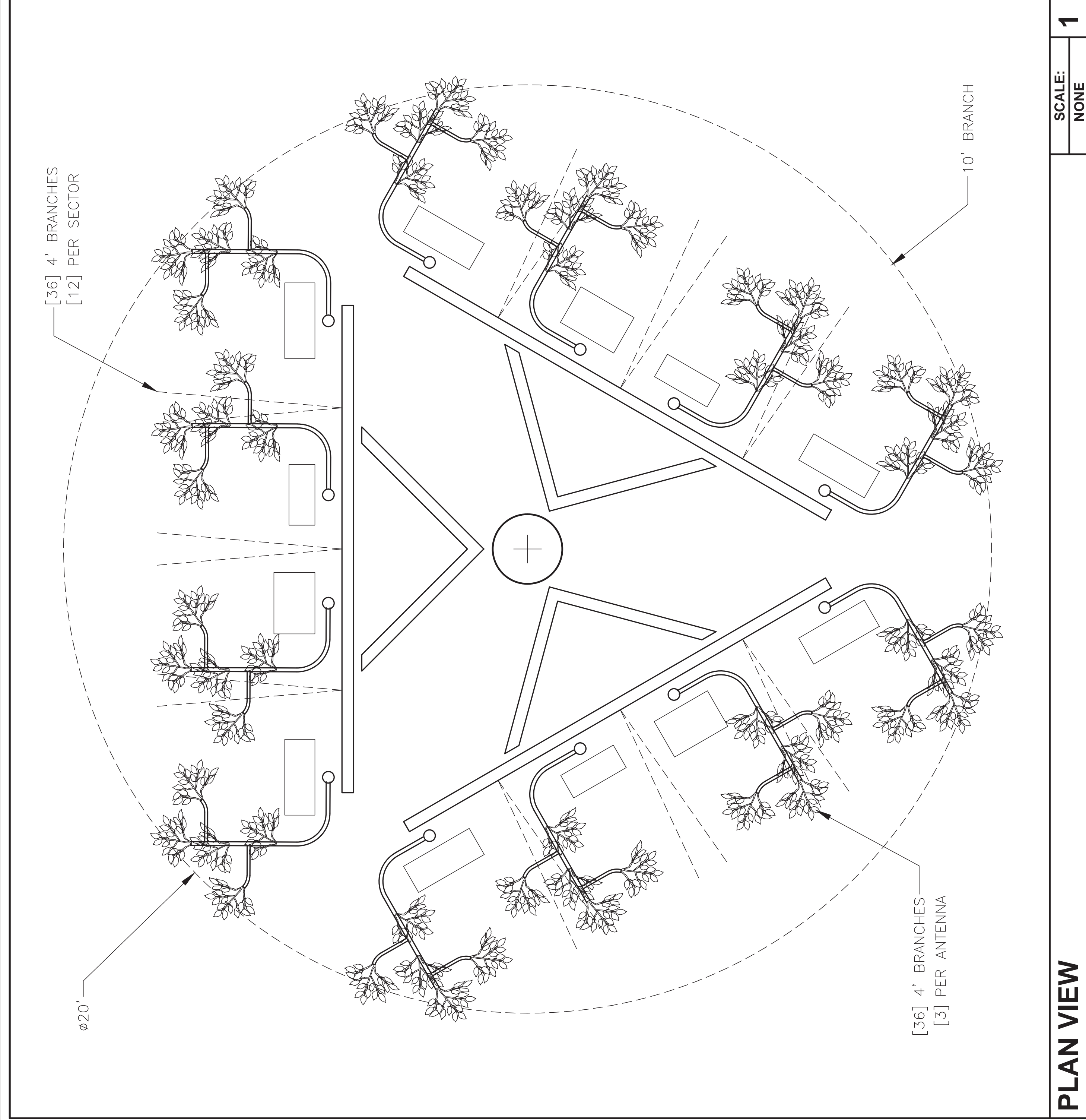
WSC PROJECT NUMBER

DRAWING NUMBER

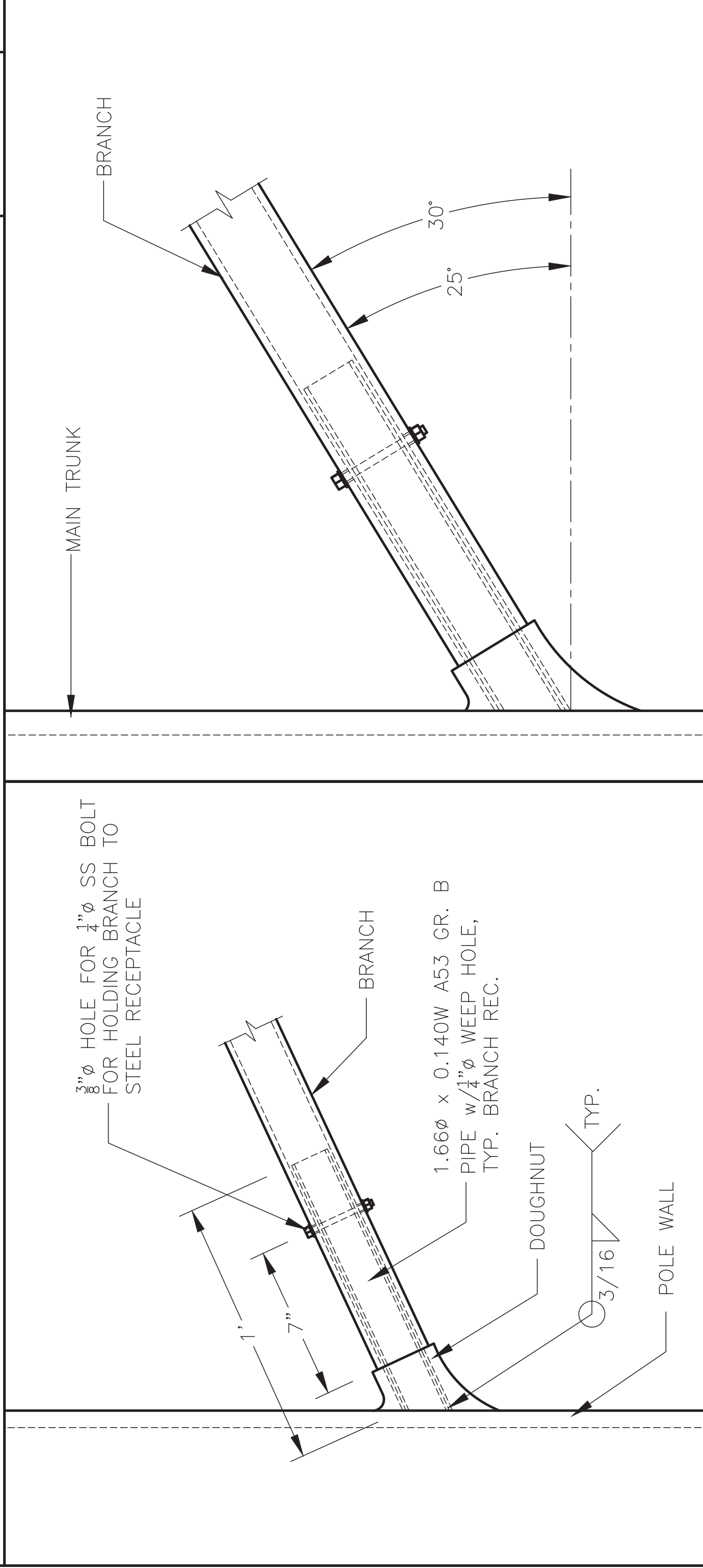
PAGE NUMBER

RF-1

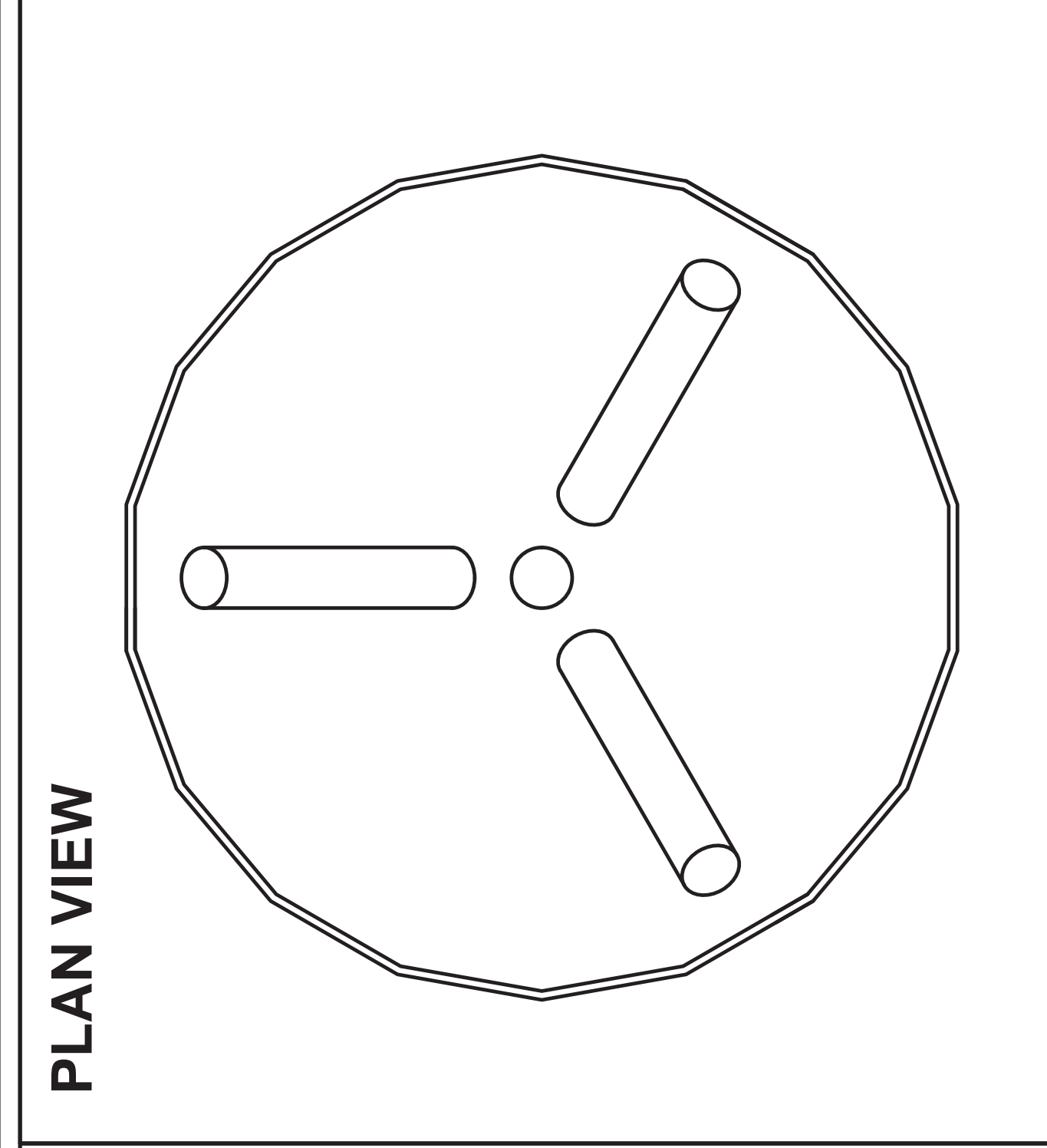




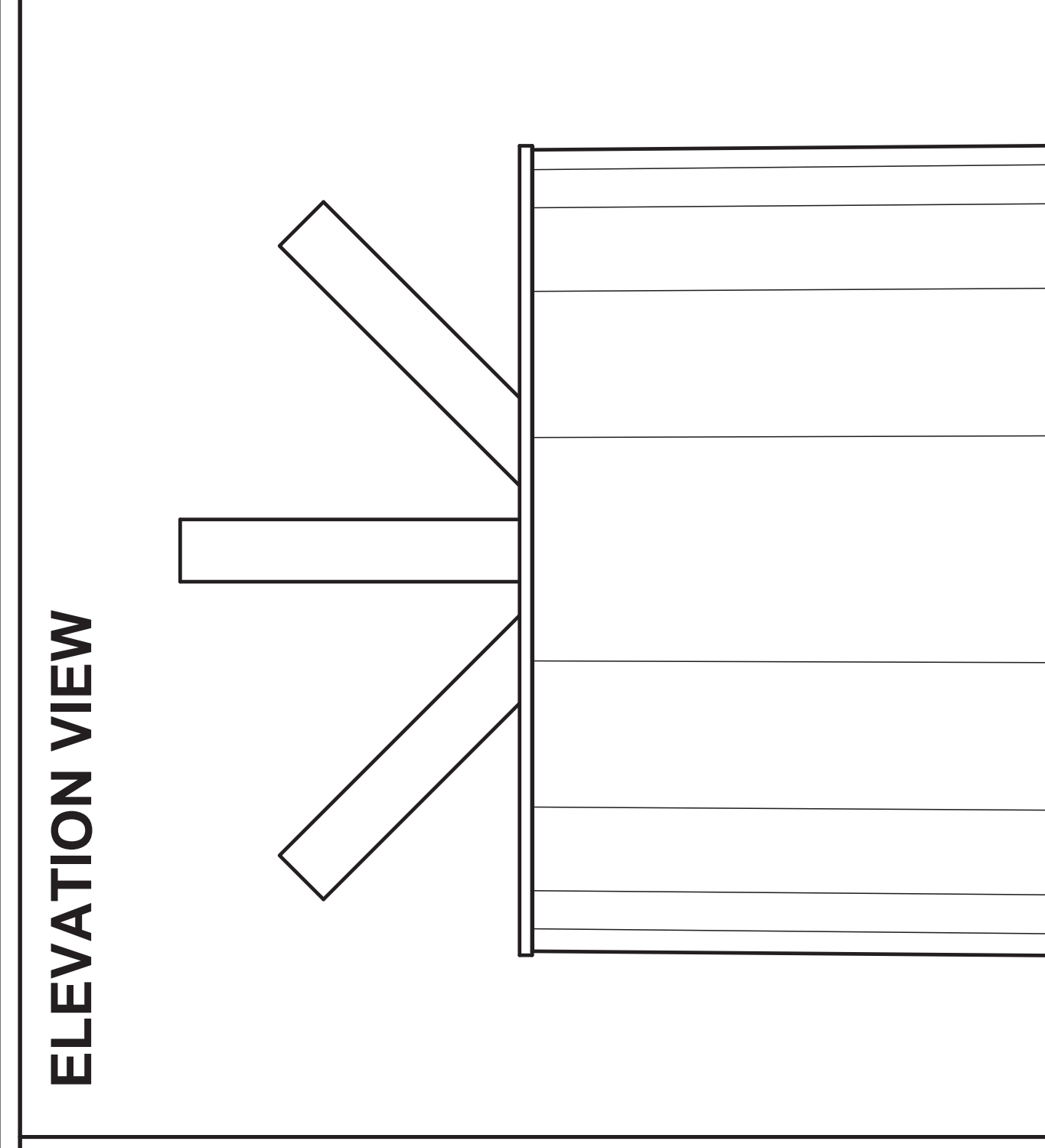
**PLAN VIEW** SCALE: NONE 1



**RECEPTACLE FOR 4', 6', 8' & 10'** SCALE: NONE 2



**RECEPTACLE @ TOP HAT** SCALE: NONE 4



**RECEPTACLE @ TOP HAT** SCALE: NONE 5

RECEP.	QUANTITY	HEIGHT	9	8	7	6	5	4	3	2	1	18	17	16	15	14	13	12	11	10	
F	3	26'-4"																			
E	3	25'-2"																			
D	3	24'-6"																			
C	3	23'-8"																			
B	3	23'-0"																			
A	3	21'-10"																			
F	3	21'-2"																			
E	3	20'-3"																			
D	3	19'-4"																			
C	3	18'-5"																			
B	3	17'-6"																			
A	3	16'-7"																			
F	3	15'-8"																			
E	3	14'-9"																			
D	3	13'-10"																			
C	3	12'-11"																			
B	3	12'-0"																			

**BRANCH LAYOUT** SCALE: NONE 6

CONSULTANT

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CLIENT \_\_\_\_\_

PROJECT  
**30'-0" MONOEUCALYPTUS**

LOCATION  
**COMMUNITY CONGREGATIONAL CHURCH**  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 SAN DIEGO COUNTY

ISSUED FOR  
**PRODUCTION**

DRAWN BY  
 CK'D BY  
**MAQ LEM** DATE **10NOV22**

REVISIONS

REV.	CHANGES	DATE	BY

ENGINEER SEAL \_\_\_\_\_

SHEET TITLE  
**DETAILS VIEW**

WSC PROJECT NUMBER \_\_\_\_\_

DRAWING NUMBER \_\_\_\_\_

PAGE NUMBER  
**RF-2**

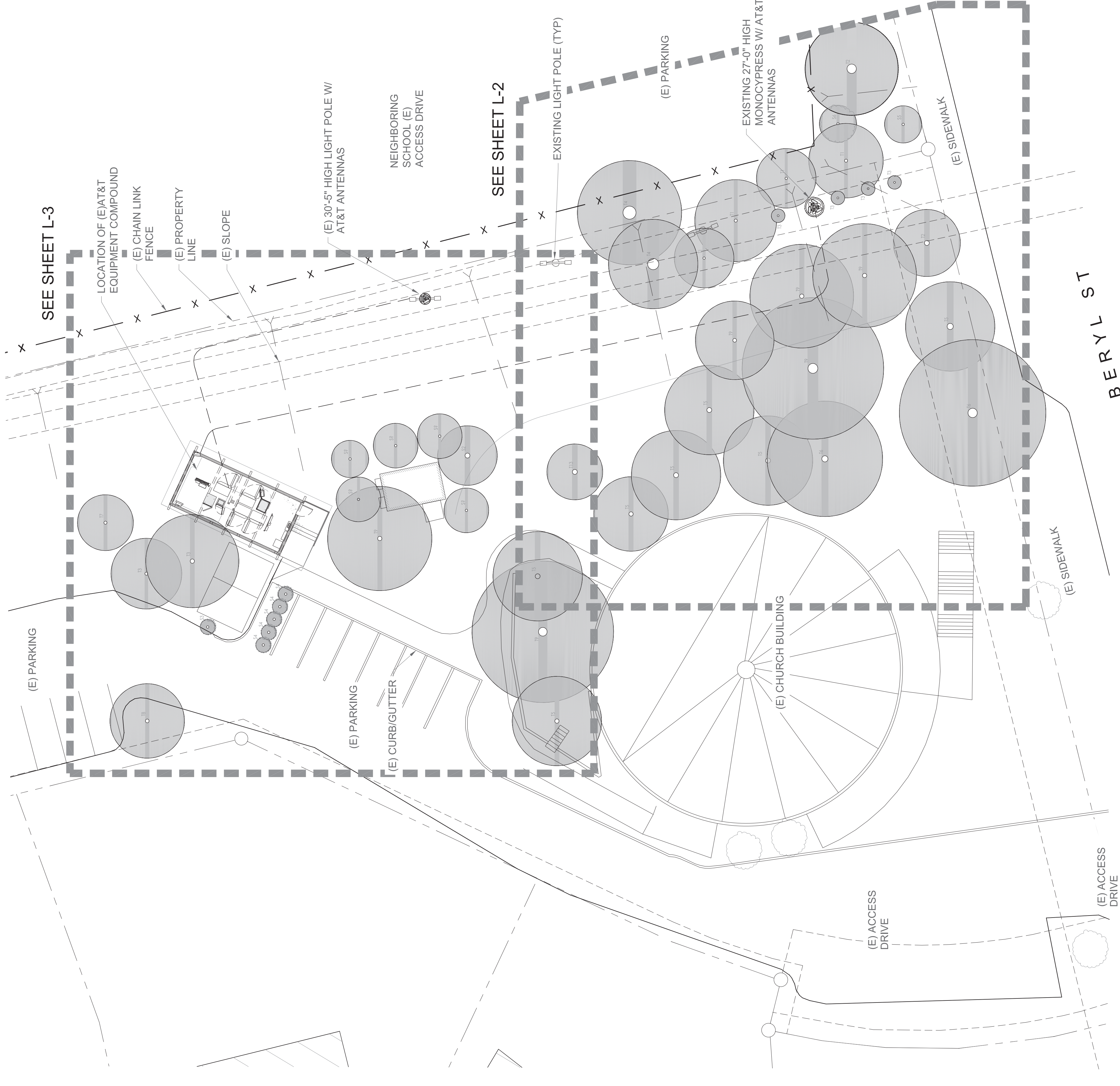


**THIS IS NOT A SURVEY**

**CITY REQUIRED NOTES**

IF ANY REQUIRED LANDSCAPE INDICATED ON THE APPROVED CONSTRUCTION DOCUMENT PLANS IS DAMAGED OR REMOVED DURING DEMOLITION OR CONSTRUCTION, IT SHALL BE REPAIRED AND/OR REPLACED IN KIND AND EQUIVALENT SIZE PER THE APPROVED DOCUMENTS TO THE SATISFACTION OF THE DEVELOPMENT SERVICES DEPARTMENT WITHIN 30 DAYS OF DAMAGE.

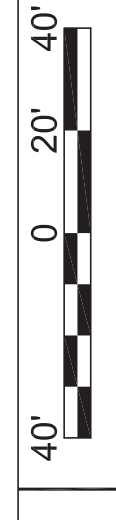
- EXISTING TREES TO REMAIN ON SITE WITHIN THE AREA OF WORK WILL BE PROTECTED IN PLACE. THE FOLLOWING PROTECTION MEASURES WILL BE PROVIDED:
1. A BRIGHT YELLOW OR ORANGE TEMPORARY FENCE WILL BE PLACED AROUND EXISTING TREES AT THE DRIP LINE.
  2. STOCKPILING, TOPSOIL DISTURBANCE, VEHICLE USE, AND MATERIAL STORAGE OF ANY KIND IS PROHIBITED WITHIN THE DRIP LINE.
  3. A TREE WATERING SCHEDULE WILL BE MAINTAINED AND DOCUMENTED DURING CONSTRUCTION.
  4. ALL DAMAGED TREES WILL BE REPLACED WITH ONE OF EQUAL OR GREATER SIZE.



**(E) LANDSCAPE PLAN**

FOR ENLARGED PLAN SEE SHEET L-2 AND L-3

SCALE: 1"=40'-0" (22x34)  
(OR) 1/2"=40'-0" (11x17)



PLAN NORTH

1

2

3

4

5

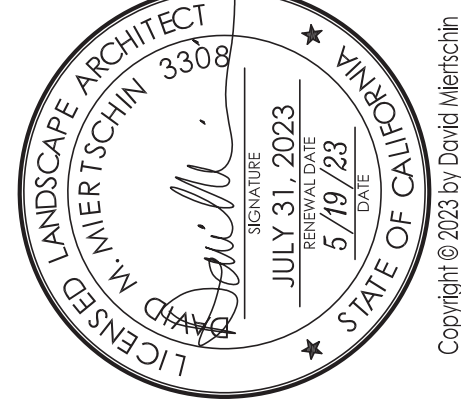
6

7

8

9

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No.	Date	Action
0	05/26/23	LANDSCAPE (E) PLANS

**md7**  
10590 WEST OCEAN  
AIR DRIVE, SUITE 300  
SAN DIEGO, CA 92130



Plans Prepared By:  
**DMLA**  
Landscape Architecture  
34032 Alcazar Dr. Dana Point, Ca 92629  
david@dmlaonline.com (949) 388-3369

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

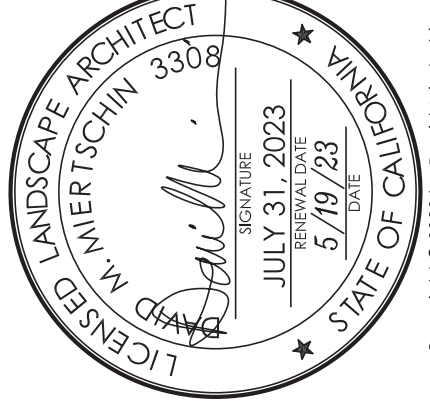
Drawing Title:  
**EXISTING LANDSCAPE PLAN**

Project No:	2021071
Designer:	SB
Date:	08/13/20
Drawn By:	GD
Checked By:	SS
PM Review:	Client Approval
Issue No.:	0
Drawing No.:	L-1

SCALE IS BASE ON 27" X 34" 7" SIZE



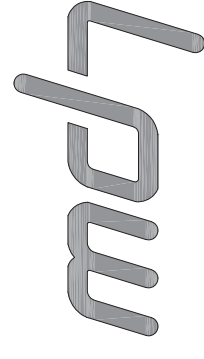
DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF DMLA AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DMLA. MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



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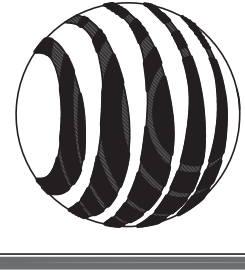
No.	Date	Action
0	05/26/23	LANDSCAPE (E) PLANS

Plans Prepared For:



10590 WEST OCEAN  
AIR DRIVE, SUITE 300  
SAN DIEGO, CA 92130

Applicant:



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Plans Prepared By:



Landscape Architecture  
34032 Alcazar Dr. Dana Point, Ca 92629  
david@dmlaonline.com (949) 388-3369

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**EXISTING LANDSCAPE ENLARGED PLAN**

Project No.:

2021071

Designer:

SB

Date:

08/13/20

Drawn By:

GD

Checked By:

SS

PM Review:

JR

Client Approval

Issue No.:

0

Drawing No.:

L-2

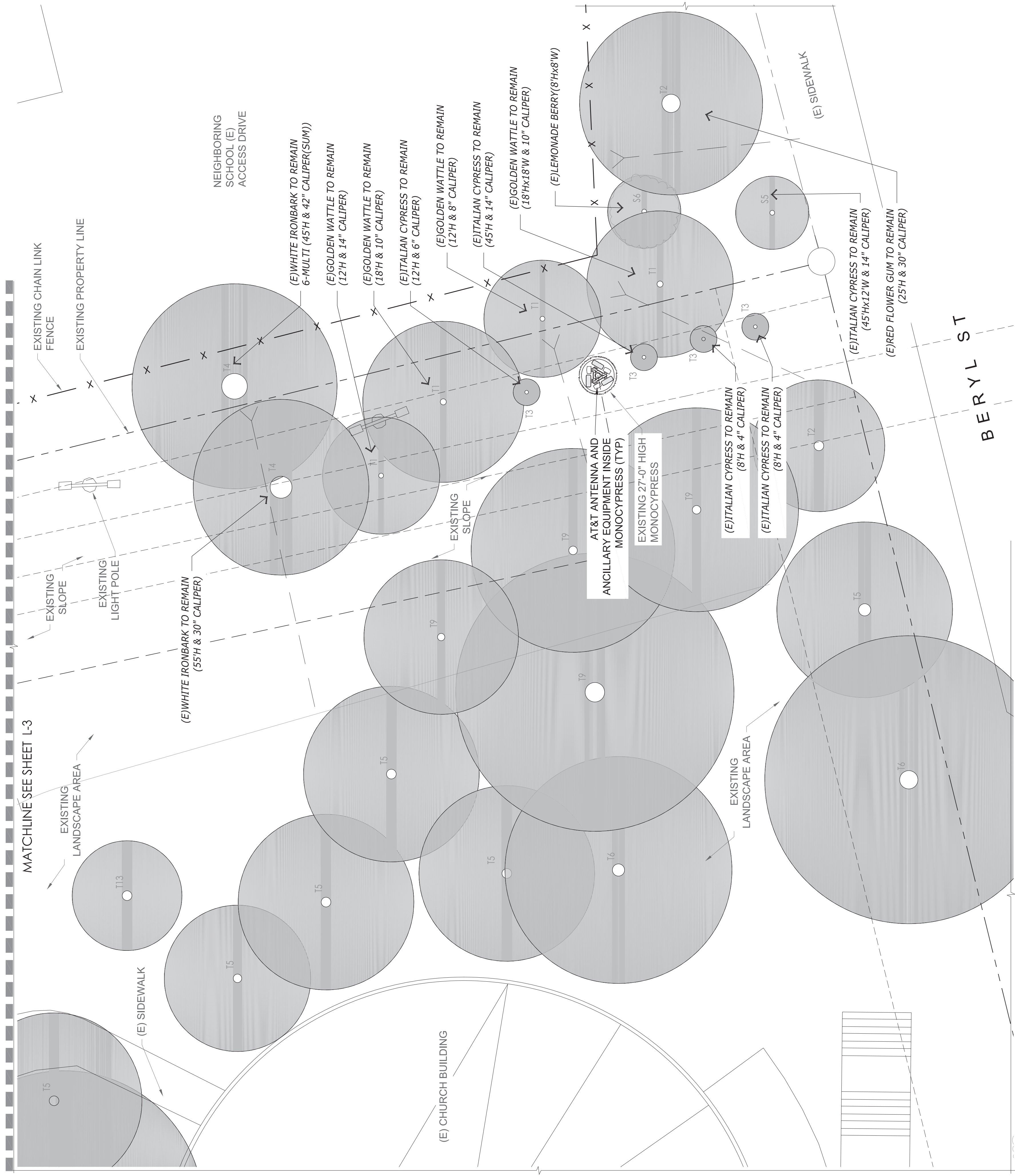
SCALE IS BASE ON 24" X 36" 1/8" SIZE

**EXISTING PLANTING**

KEY	BOTANICAL/COMMON NAME	SIZE
T1	ACACIA LONGIFOLIA GOLDEN WATTLE	PER PLAN
T2	CORYMBIA FICIFOLIA RED FLOWERING GUM	PER PLAN
T3	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	PER PLAN
T4	EUCALYPTUS LEUCOPHYLLUM WHITE IRON BARK	PER PLAN
T5	JACANDA MIMOSIFOLIA JACARANDA	PER PLAN
T6	KOELBUTARIA BIPINNATA CHINESE FLAME TREE	PER PLAN
T7	OLEA EUROPEA OLIVE	PER PLAN
T8	PINUS ELDARICA ELDARICA PINE	PER PLAN
T9	PINUS RADIATA MONTEREY PINE	PER PLAN
T10	PYRUS KAWAKAMII EVERGREEN PEAR	PER PLAN
T11	SCHINUS MOLLE CALIFORNIA PEPPER	PER PLAN
T12	SCHINUS TEREBINTHIFOLIUS BRAZILIAN PEPPER	PER PLAN
T13	ARAUCARIA HETEROPHYLLA STAR PINE	PER PLAN

**SHRUBS**

S1	BOUGAINVILLEA HYBRID UNKNOWN HYBRID	4'HxW
S2	HETEROMELES ARBUTIFOLIA TOYON	PER PLAN
S3	NANDINA DOMESTICA HEAVENLY BAMBOO	4'HxW
S4	PLUMBAGO AURICULATA CAPE PLUMBAGO	5'HxW
S5	PYRACANTHA COCCINEA SCARLET FRETHORN	4'Hx10'W
S6	RHUS INTEGRIFOLIA LEMONADE BERRY	SITE ADJACENT



**EXISTING LANDSCAPE ENLARGED PLAN**

0' 2' 4' 8'

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

1

5

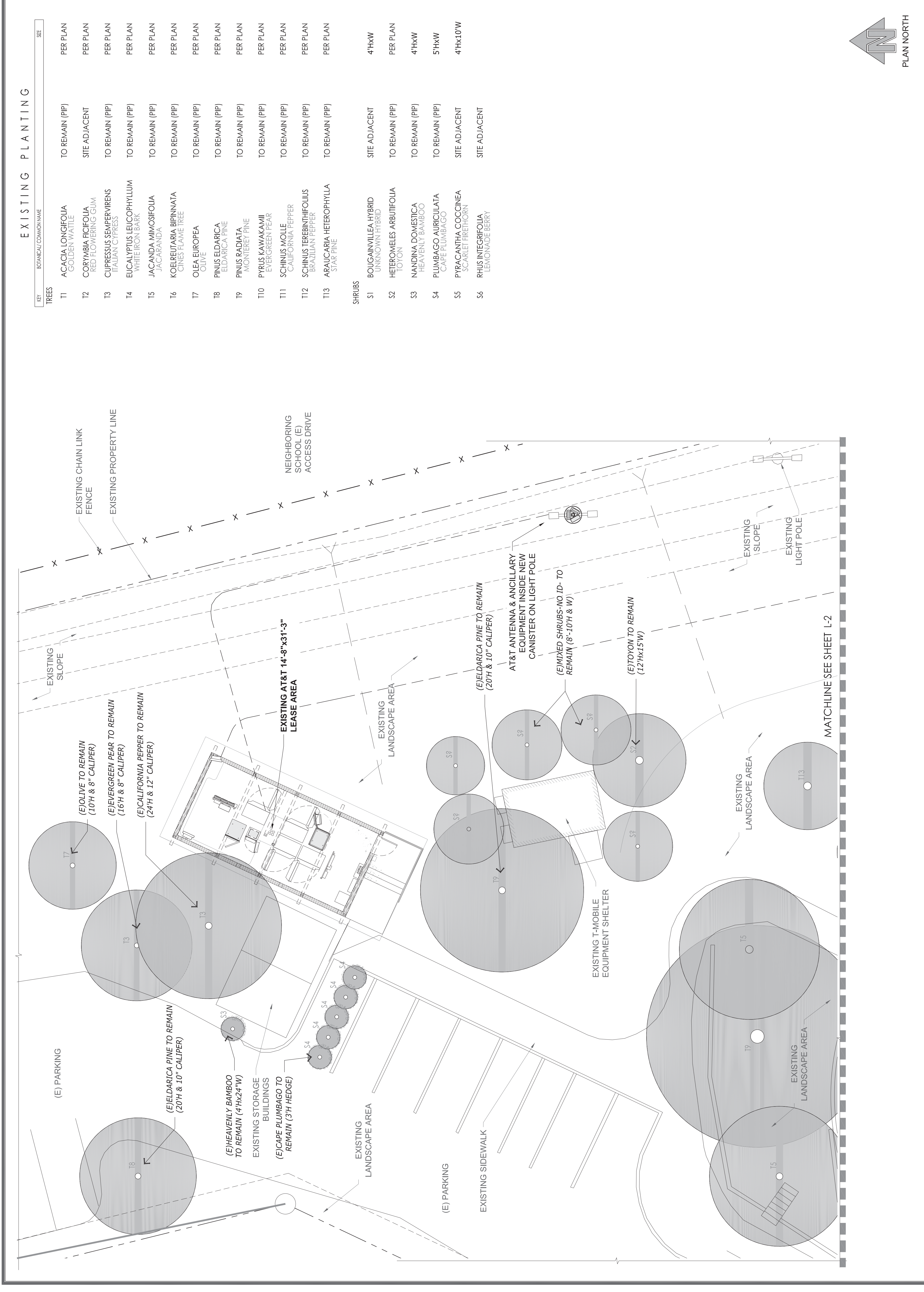
4

3

2

1





EXISTING PLANTING

KEY	BOTANICAL COMMON NAME	SIZE
T1	ACACIA LONGIFOLIA GOLDEN WATTLE	PER PLAN
T2	CORYMBIA FICIFOLIA RED FLOWERING GUM	PER PLAN
T3	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	PER PLAN
T4	EUCALYPTUS LEUCOPHYLLUM WHITE IRON BARK	PER PLAN
T5	JACANDA MIMOSIFOLIA JACARANDA	PER PLAN
T6	KOELREUTARIA BIPINNATA CHINESE FLAME TREE	PER PLAN
T7	OLEA EUROPEA OLIVE	PER PLAN
T8	PINUS ELDARICA ELDARICA PINE	PER PLAN
T9	PINUS RADIATA MONTEREY PINE	PER PLAN
T10	PYRUS KAWAKAMI EVERGREEN PEAR	PER PLAN
T11	SCHINUS MOLLE CALIFORNIA PEPPER	PER PLAN
T12	SCHINUS TEREBINTHIFOLIUS BRAZILIAN PEPPER	PER PLAN
T13	ARAUCARIA HETEROPHYLLA STAR PINE	PER PLAN
<b>SHRUBS</b>		
S1	BOUGAINVILLEA HYBRID UNKNOWN HYBRID	4'HxW
S2	HETEROMELES ARBUTIFOLIA TOYON	PER PLAN
S3	NANDINA DOMESTICA HEAVENLY BAMBOO	4'HxW
S4	PLUMBAGO AURICULATA CAPE PLUMBAGO	5'HxW
S5	PYRACANTHA COCCINEA SCARLET FRETHERN	4'Hx10'W
S6	RHUS INTEGRIFOLIA LEMONADE BERRY	SITE ADJACENT

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0 05/26/23 LANDSCAPE (E) PLANS

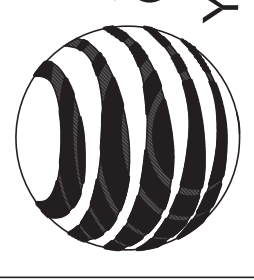
No. Date Action

Plans Prepared For:



10590 WEST OCEAN  
AIR DRIVE, SUITE 300  
SAN DIEGO, CA 92130

Applicant:



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Plans Prepared By:



Landscape Architecture  
34032 Alcazar Dr. Dana Point, Ca 92629  
david@dmlaonline.com (949) 388-3369

Project:  
**COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**EXISTING LANDSCAPE ENLARGED PLAN**

Project No.:

2021071

Designer:

SB

Date:

08/13/20

Drawn By:

GD

Checked By:

SS

PM Review:

JR

Client Approval

Issue No.:

0

Drawing No.:

L-3

EXISTING LANDSCAPE ENLARGED PLAN



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

1

5

4

3

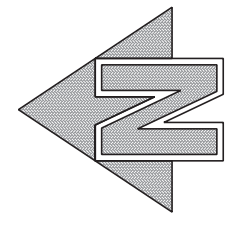
2

1

SCALE IS BASE ON 21" X 34" 1/4" SIZE

6

PLAN NORTH





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G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

No. \_\_\_\_\_ Date \_\_\_\_\_ Action \_\_\_\_\_  
 Plans Prepared For:  
**MD7**  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130



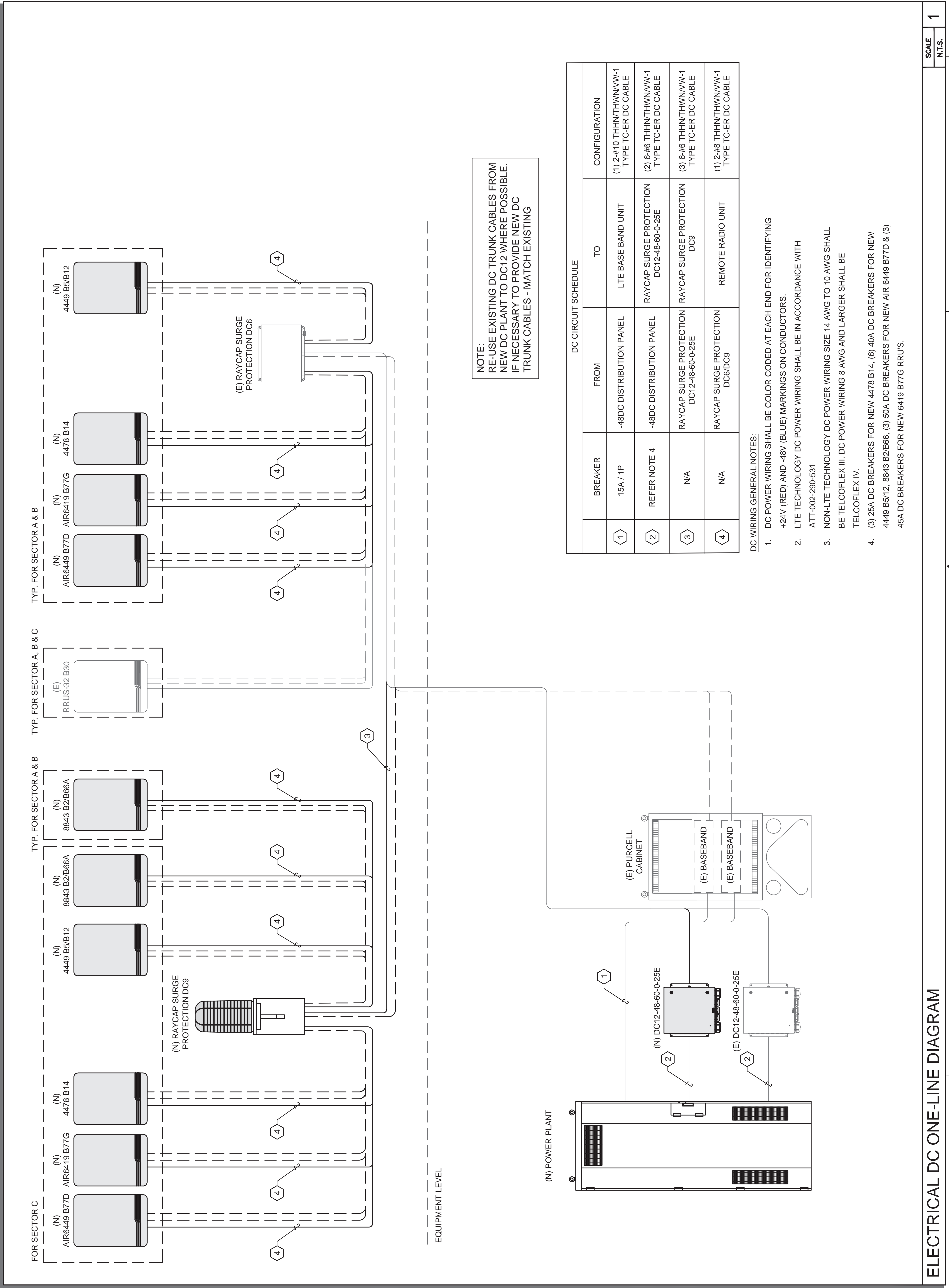
Plans Prepared By:  
**mm**  
**MORRISON HERSHFELD**  
 5100 S MACADAM AVE. SUITE 500  
 PORTLAND, OR 97239  
 Tel: 503-595-9128 Fax: 503-595-9136  
 www.morrisonhershfel.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
 SITE ID: **SS0071**  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

Drawing Title:  
**ELECTRICAL DC ONE-LINE DIAGRAM**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
Issue No.:	G

**E01.0**

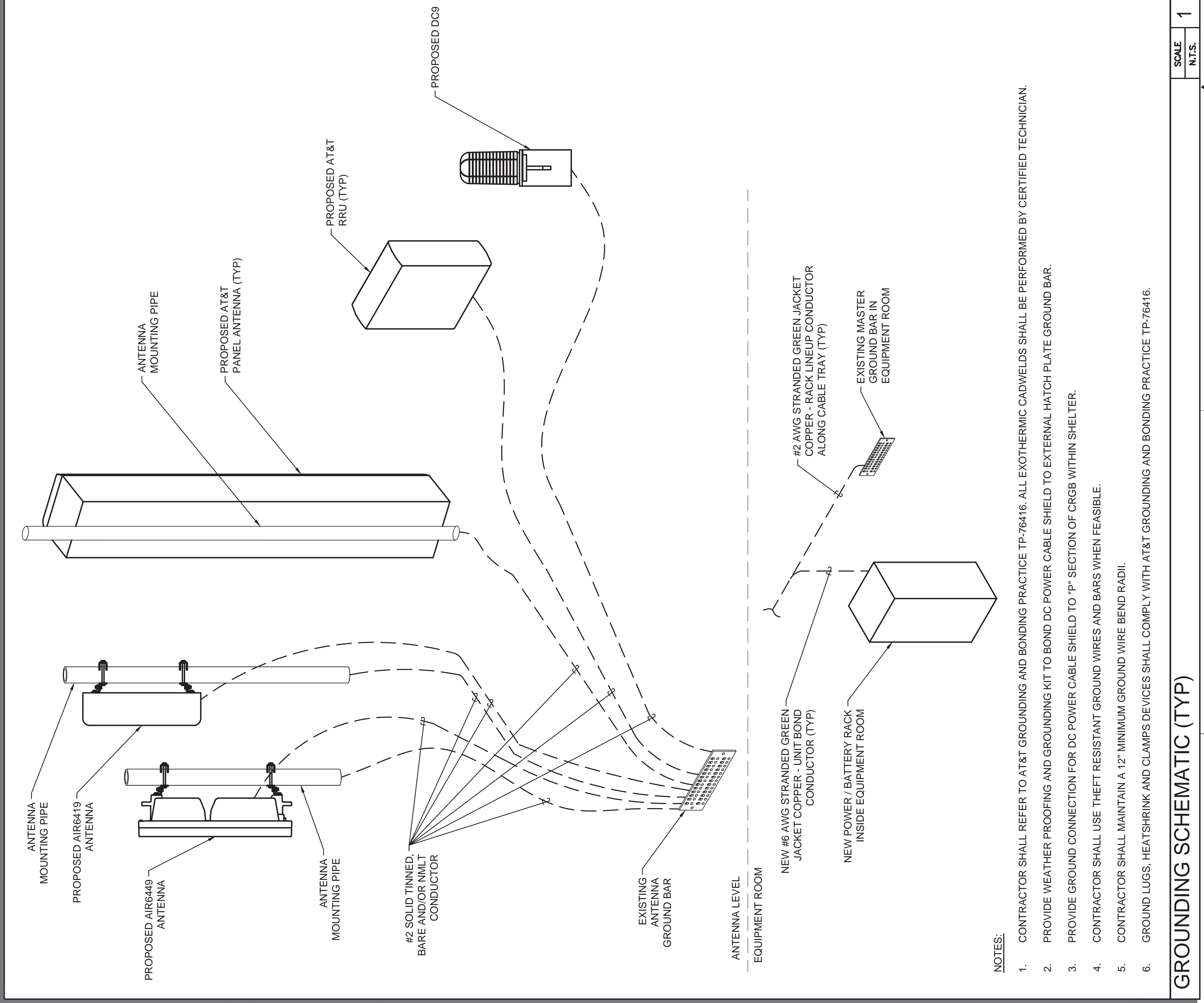


	BREAKER	FROM	TO	CONFIGURATION
1	15A / 1P	-48DC DISTRIBUTION PANEL	LTE BASE BAND UNIT	(1) 2-#10 THHN/THWN/VW-1 TYPE TC-ER DC CABLE
2	REFER NOTE 4	-48DC DISTRIBUTION PANEL	RAYCAP SURGE PROTECTION DC12-48-60-0-25E	(2) 6-#6 THHN/THWN/VW-1 TYPE TC-ER DC CABLE
3	N/A	RAYCAP SURGE PROTECTION DC12-48-60-0-25E	RAYCAP SURGE PROTECTION DC9	(3) 6-#6 THHN/THWN/VW-1 TYPE TC-ER DC CABLE
4	N/A	RAYCAP SURGE PROTECTION DC6/DC9	REMOTE RADIO UNIT	(1) 2-#8 THHN/THWN/VW-1 TYPE TC-ER DC CABLE

DC WIRING GENERAL NOTES:

- DC POWER WIRING SHALL BE COLOR CODED AT EACH END FOR IDENTIFYING +24V (RED) AND -48V (BLUE) MARKINGS ON CONDUCTORS.
- LTE TECHNOLOGY DC POWER WIRING SHALL BE IN ACCORDANCE WITH ATT-002-290-531
- NON-LTE TECHNOLOGY DC POWER WIRING SIZE 14 AWG TO 10 AWG SHALL BE TELCOFLEX III. DC POWER WIRING 8 AWG AND LARGER SHALL BE TELCOFLEX IV.
- (3) 25A DC BREAKERS FOR NEW 4478 B14, (6) 40A DC BREAKERS FOR NEW 4449 B5/12, 8843 B2/B66, (3) 50A DC BREAKERS FOR NEW AIR 6449 B77D & (3) 45A DC BREAKERS FOR NEW 6419 B77G RRU'S.

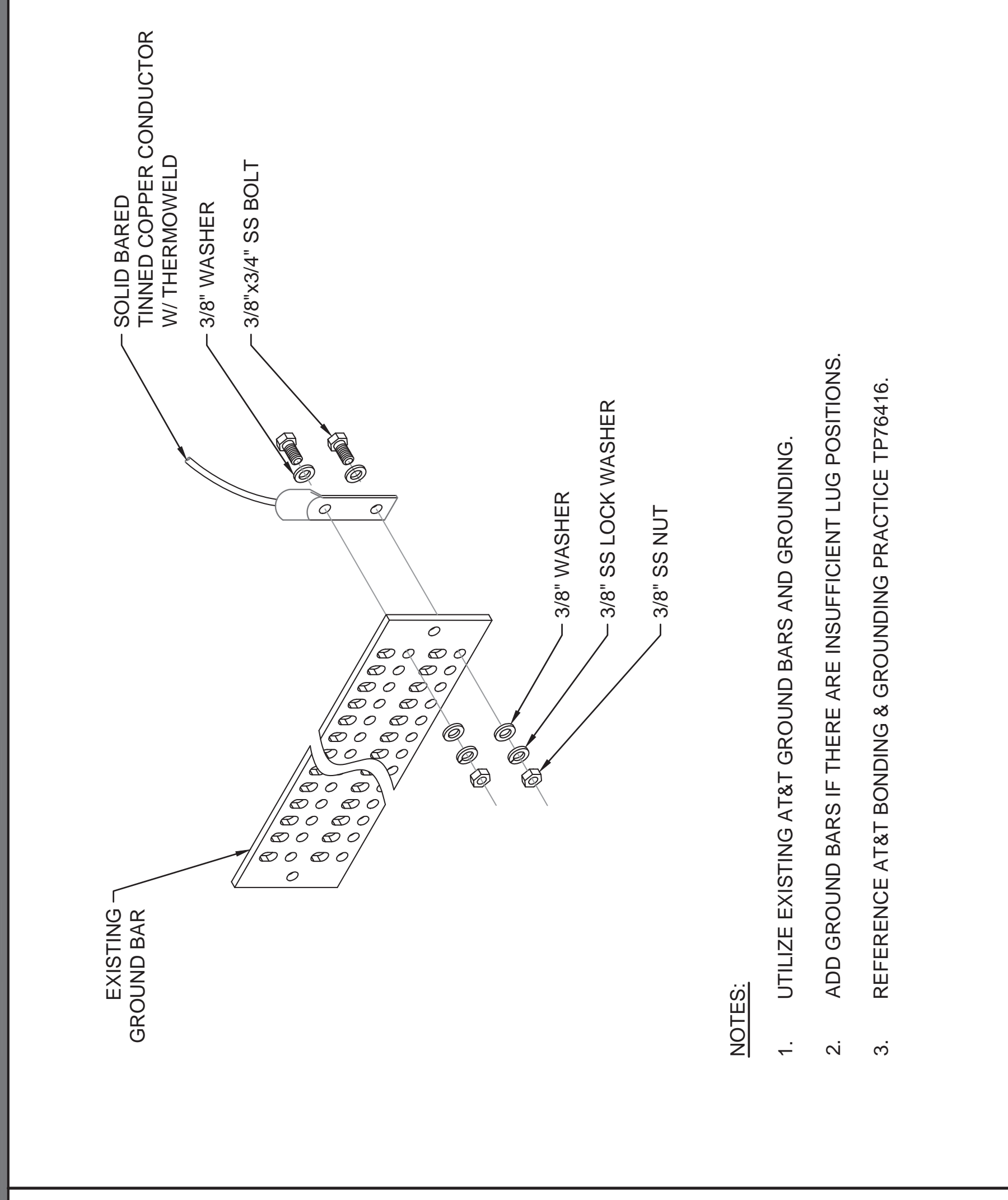




- NOTES:**
- CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416. ALL EXOTHERMIC CADWELDS SHALL BE PERFORMED BY CERTIFIED TECHNICIAN.
  - PROVIDE WEATHER PROOFING AND GROUNDING KIT TO BOND DC POWER CABLE SHIELD TO EXTERNAL HATCH PLATE GROUND BAR.
  - PROVIDE GROUND CONNECTION FOR DC POWER CABLE SHIELD TO "P" SECTION OF CRGB WITHIN SHELTER.
  - CONTRACTOR SHALL USE THEFT RESISTANT GROUND WIRES AND BARS WHEN FEASIBLE.
  - CONTRACTOR SHALL MAINTAIN A 12" MINIMUM GROUND WIRE BEND RADI.
  - GROUND LUGS, HEATSHRINK AND CLAMPS DEVICES SHALL COMPLY WITH AT&T GROUNDING AND BONDING PRACTICE TP-76416.

**GROUNDING SCHEMATIC (TYP)**

SCALE	1
N.T.S.	



- NOTES:**
- UTILIZE EXISTING AT&T GROUND BARS AND GROUNDING.
  - ADD GROUND BARS IF THERE ARE INSUFFICIENT LUG POSITIONS.
  - REFERENCE AT&T BONDING & GROUNDING PRACTICE TP76416.

**TYPICAL GROUND BAR CONNECTION DETAIL**

SCALE	2
N.T.S.	

- RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DOCUMENTS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETION OF THE PROJECT.
- GUARANTEE/WARRANTY: GUARANTEE INSTALLATION TO BE FREE OF DEFECTS, SHORTS, GROUNDS, ETC., FOR A PERIOD OF ONE YEAR. FURNISH WARRANTY SO THE DEFECTIVE MATERIAL AND/OR WORKMANSHIP WILL BE REPAIRED/REPLACED IMMEDIATELY UPON NOTIFICATION AT NO COST TO THE OWNER FOR PERIOD OF WARRANTY.
- ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD. SHALL BE PANDUIT TYPE E (OR EQUAL), AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- NONMETALLIC RECEPTACLE SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
- CONTRACTOR SHALL REFER TO AT&T GROUNDING AND BONDING PRACTICE TP-76416.

**GROUNDING NOTES**

SCALE	3
N.T.S.	

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFIELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

G	05/24/23	JX COMMENTS
F	11/14/22	CLIENT COMMENTS
E	08/17/22	CLIENT COMMENTS
D	06/29/22	CLIENT COMMENTS
C	06/15/22	CLIENT COMMENTS
B	06/07/22	JX COMMENTS

No.      Date      Action

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:

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Plans Prepared By:

**MORRISON HERSHFIELD**  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfield.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: SS0071  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**GROUNDING DETAILS**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
JR	
Issue No.:	G
	E02.0

SCALE 6 BASE ON 27" X 34" D" SIZE



# ELECTRICAL NOTES

## PART 1 – GENERAL

### 1.1 GENERAL CONDITIONS:

- A. CONTRACTOR SHALL INSPECT THE EXISTING SITE CONDITIONS PRIOR TO SUBMITTING BID. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARDS TO THE SUBCONTRACTORS FUNCTIONS, THE SCOPE OF WORK, OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE PROJECT MANAGER FOR CLARIFICATION, NOT AFTER THE CONTRACT HAS BEEN AWARDED.
- B. THE SUBCONTRACTOR SHALL OBTAIN PERMITS, LICENSES, MAKE ALL DEPOSITS, AND PAY ALL FEES REQUIRED FOR THE CONSTRUCTION PERFORMANCE FOR THE WORK UNDER THIS SECTION.
- C. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF ALL SYSTEMS AND COMPONENTS COVERED UNDER THIS SECTION. THE SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS. DRAWING SHALL NOT BE SCALED TO DETERMINE DIMENSIONS.

### 1.2 LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES.

- A. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL LAWS, REGULATIONS, ORDINANCES, STATUTES AND CODES. CONDUIT BENDS SHALL BE THE RADIUS BEND FOR THE TRADE SIZE OF CONDUIT IN COMPLIANCE WITH THE LATEST EDITIONS OF NEC.

### 1.3 REFERENCES:

- A. THE PUBLICATIONS LISTED BELOW ARE PART OF THIS SPECIFICATION. EACH PUBLICATION SHALL BE THE LATEST REVISION AND ADDENDUM IN EFFECT ON THE DATE. THIS SPECIFICATION IS ISSUED FOR CONSTRUCTION UNLESS OTHERWISE NOTED. EXCEPT AS MODIFIED BY THE REQUIREMENT SPECIFIED HEREIN OR THE DETAILS OF THE DRAWINGS, WORK INCLUDED IN THIS SPECIFICATION SHALL CONFORM TO THE APPLICABLE PROVISION OF THESE PUBLICATIONS.
1. ANSI/IEEE (AMERICAN NATIONAL STANDARDS INSTITUTE)
2. ASTM (AMERICAN SOCIETY FOR TESTING AND MATERIALS)
3. ICE (INSULATED CABLE ENGINEERS ASSOCIATION)
4. NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION)
5. NFPA (NATIONAL FIRE PROTECTION ASSOCIATION)
6. OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION)
7. UL (UNDERWRITERS LABORATORIES, INC.)
8. AT&T GROUNDING MID BONDING STANDARDS TP--76416

### 1.4 SCOPE OF WORK:

- A. WORK UNDER THIS SECTION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIAL, AND ASSOCIATED SERVICES REQUIRED TO COMPLETE REQUIRED CONSTRUCTION AND BE OPERATIONAL.
- B. ALL ELECTRICAL EQUIPMENT UNDER THIS CONTRACT SHALL BE PROPERLY TESTED, ADJUSTED, AND ALIGNED BY THE SUBCONTRACTOR.
- C. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATING, DRAINING, TRENCHES, BACKFILLING, AND REMOVAL OF EXCESS DIRT.
- D. THE SUBCONTRACTOR SHALL FURNISH TO THE OWNER WITH CERTIFICATES OF A FINAL INSPECTION AND APPROVAL FROM THE INSPECTION AUTHORITIES HAVING JURISDICTION.
- E. THE SUBCONTRACTOR SHALL PREPARE A COMPLETE SET OF AS-BUILT DRAWINGS, DOCUMENT ALL WIRING EQUIPMENT CONDITIONS, AND CHANGES WHILE COMPLETING THIS CONTRACT. THE AS-BUILT DRAWINGS SHALL BE SUBMITTED AT COMPLETION OF THE PROJECT.

### PART 2 – PRODUCTS

#### 2.1 GENERAL:

- A. ALL MATERIALS AND EQUIPMENT SHALL BE UL LISTED, NEW, AND FREE FROM DEFECTS.
- B. ALL ITEMS OF MATERIALS AND EQUIPMENT SHALL BE ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AS SUITABLE FOR THE USE INTENDED.
- C. ALL EQUIPMENT SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL OF APPROVAL, AND SHALL CONFORM TO REQUIREMENT OF THE NATIONAL ELECTRICAL CODE
- D. ALL OVERCURRENT DEVICES SHALL HAVE AN INTERRUPTING CURRENT RATING EQUAL TO OR GREATER THAN THE SHORT CIRCUIT CURRENT TO WHICH they ARE SUBJECTED, 10,000 AC MINIMUM. VERIFY AVAILABLE SHORT CIRCUIT CURRENT DOES NOT EXCEED THE RATING OF ELECTRICAL EQUIPMENT.

### 2.2 MATERIALS AND EQUIPMENT:

#### A. CONDUIT:

1. RIGID METAL CONDUIT (RMC) SHALL BE HOT-DIPPED GALVANIZED INSIDE AND OUTSIDE INCLUDING ENDS AND THREADS AND ENAMELED OR LACQUERED INSIDE IN ADDITION TO GALVANIZING
2. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE UL LISTED
3. CONDUIT CLAMPS, STRAPS AND SUPPORTS SHALL BE STEEL OR MALLEABLE IRON. ALL FITTINGS SHALL BE COMPRESSION AND CONCRETE TIGHT TYPE. GROUNDING BUSHINGS WITH INSULATED THROATS SHALL BE INSTALLED ON ALL CONDUIT TERMINATIONS.
4. NONMETALLIC CONDUIT AND FITTINGS SHALL BE SCHEDULE 40 PVC. INSTALL USING SOLVENT-CEMENT-TYPE JOINTS AS RECOMMENDED BY THE MANUFACTURER.

#### B. CONDUCTORS AND CABLE:

1. CONDUCTORS AND CABLE SHALL BE FLAME-RETARDANT, MOISTURE AND HEAT RESISTANT THERMOPLASTIC SINGLE CONDUCTOR. COPPER. TYPE THIN/THWN-2. 600 VOLT. SIZE AS INDICATED. #12 AWG SHALL BE TIE MINIMUM SIZE CONDUCTOR USED.
2. #10 AWG AND SMALLER CONDUCTOR SHALL BE SOLID OR STRANDED MID #8 AWG AND LARGER CONDUCTORS SHALL BE STRANDED.

3. SOLDERLESS, COMPRESSION-TYPE CONNECTORS SHALL BE USED FOR TERMINATION OF ALL STRANDED CONDUCTORS.

4. STRAIN-RELIEF SUPPORTS GRIPS SHALL BE HUBBELL KELLEMS OR APPROVED EQUAL. CABLES SHALL BE SUPPORTED IN ACCORDANCE WITH THE NEC AND CABLE MANUFACTURER'S RECOMMENDATIONS. ALL CONDUCTORS SHALL BE TAGGED AT BOTH ENDS OF THE CONDUCTOR, AT ALL PULL BOXES, J-BOXES.

5. EQUIPMENT AND CABINETS AND SHALL BE IDENTIFIED WITH APPROVED PLASTIC TAGS (ACTION CRAFT, BRADY, OR APPROVED EQUAL).

#### C. DISCONNECT SWITCHES:

1. DISCONNECT SWITCHES SHALL BE HEAVY DUTY. DEAD-FRONT, QUICK-MAKE, QUICK-BREAK, EXTERNALLY OPERABLE, HANDLE LOCKABLE AND INTERLOCK WITH COVER IN CLOSED POSITION. RATING AS INDICATED. UL LABELED FURNISHED IN NEMA 3R ENCLOSURE, SQUARE-D OR ENGINEERED APPROVED EQUAL.

#### D. CHEMICAL ELECTROLYTIC GROUNDING SYSTEM:

1. INSTALL CHEMICAL GROUNDING AS REQUIRED. THE SYSTEM SHALL BE ELECTROLYTIC MAINTENANCE FREE ELECTRODE CONSISTING OF RODS WITH A MINIMUM 2 AWG CU EXOTHERMALLY WELDED DIGITAL, PROTECTIVE BOXES, AND BACKFILL MATERIAL MANUFACTURER SHALL BE LYNCOLE KIT GROUNDING ROD TYPES K2-(\*)CS OR K2L-(\*)CS (\*) LENGTH AS REQUIRED.

2. GROUND ACCESS BOX SHALL BE A POLY PLASTIC BOX FOR NON-TRAFFIC APPLICATIONS, INCLUDING BOLT DOWN FLUSH COVER WITH "BREATHER" HOLES. KIT MODEL #XB-22. ALL DISCONNECT SWITCHES AND CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED LAMICOID NAMEPLATES INDICATING EQUIPMENT CONTROLLED. BRANCH CIRCUITS ID NUMBERING, AND THE ELECTRICAL POWER SOURCE.

3. BACKFILL MATERIAL SHALL BE LYNCONITE AND LYNCOLE GROUNDING GRAVEL.

#### E. SYSTEM GROUNDING:

1. ALL GROUNDING COMPONENTS SHALL BE TINNED AND GROUNDING CONDUCTOR SHALL BE 2 AWG BARE, SOLID, TINNED, COPPER. ABOVE GRADE GROUNDING CONDUCTORS SHALL BE INSULATED WHERE NOTED.
2. GROUNDING BUSES SHALL BE BARE, TINNED, ANNEALED COPPER BARS OF RECTANGULAR CROSS SECTION. STANDARD BUS BARS MGB, SHALL BE FURNISHED AND INSTALLED BY THE SUBCONTRACTOR. THEY SHALL NOT BE FABRICATED OR MODIFIED IN THE FIELD. ALL GROUNDING BUSES SHALL BE IDENTIFIED WITH MINIMUM 3/4" LETTERS BY WAY OF STENCILING OR DESIGNATION PLATE.
3. CONNECTORS SHALL BE HIGH-CONDUCTIVITY, HEAVY DUTY, LISTED AND LABELED AS GROUNDING FOR THE MATERIALS USED. USE TWO-HOLE COMPRESSION LUGS WITH HEAT SHRINK FOR MECHANICAL CONNECTIONS. INTERIOR CONNECTIONS USE TWO-HOLE COMPRESSION LUGS WITH INSPECTION WINDOW AND CLEAR HEAT SHRINK.

4. EXOTHERMIC WELDED CONNECTIONS SHALL BE PROVIDED IN KIT FORM AND SELECTED FOR THE SPECIFIC TYPES, SIZES, AND COMBINATIONS OF CONDUCTORS AND OTHER ITEMS TO BE CONNECTED.

5. GROUND RODS SHALL BE COPPER-CLAD STEEL WITH HIGH-STRENGTH STEEL CORE AND ELECTROLYTIC-GRADE COPPER OUTER SHEATH, MOLTEN WELDED TO CORE, 5/8"x10'-0". ALL GROUNDING RODS SHALL BE INSTALLED WITH INSPECTION SLEEVES.

6. INSTALL AN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS IN COMPLIANCE WITH THE AT&T SPECIFICATIONS AND NEC. THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE BONDED AT ALL JUNCTION BOXES, PULLBOXES, DISCONNECT SWITCHES, STARTERS AND EQUIPMENT CABINETS.

#### F. OTHER MATERIALS:

1. THE SUBCONTRACTOR SHALL PROVIDE OTHER MATERIALS, THOUGH NOT SPECIFICALLY DESCRIBED, WHICH ARE REQUIRED FOR A COMPLETELY OPERATIONAL SYSTEM AND PROPER INSTALLATION OF THE WORK.

2. PROVIDE PULL BOXES AND JUNCTION BOXES WHERE SHOWN OR REQUIRED BY NEC.

#### G. PANELS AND LOAD CENTERS:

1. ALL PANEL DIRECTORIES SHALL BE TYPEWRITTEN.

#### PART 3 – EXECUTION

##### 3.1 GENERAL:

- A. ALL MATERIAL AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- B. EQUIPMENT SHALL BE TIGHTLY COVERED AND PROTECTED AGAINST DIRT OR WATER, AND AGAINST CHEMICAL OR MECHANICAL INJURY DURING INSTALLATION AND CONSTRUCTION PERIODS.

##### 3.2 LABOR AND WORKMANSHIP:

- A. ALL LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED FOR THE ELECTRICAL SYSTEM SHALL BE INSTALLED BY EXPERIENCED WIREMEN, IN A NEAT AND WORKMAN-LIKE MANNER.
- B. ALL ELECTRICAL EQUIPMENT SHALL BE ADJUSTED, ALIGNED AND TESTED BY THE SUBCONTRACTOR AS REQUIRED TO PRODUCE THE INTENDED PERFORMANCE.

- C. UPON COMPLETION OF WORK, THE SUBCONTRACTOR SHALL THOROUGHLY CLEAN ALL EXPOSED EQUIPMENT. REMOVE ALL LABELS AND ANY DEBRIS, CRATING OR CARTONS AND LEAVE THE INSTALLATION FINISHED AND READY FOR OPERATION.

##### 3.3 COORDINATION:

- A. THE SUBCONTRACTOR SHALL COORDINATE THE INSTALLATION OF ELECTRICAL ITEMS WITH THE OWNER-FURNISHED EQUIPMENT DELIVERY SCHEDULE TO PREVENT UNNECESSARY DELAYS IN THE TOTAL WORK.

##### 3.4 INSTALLATION:

###### A. CONDUIT:

1. ALL ELECTRICAL WIRING SHALL BE INSTALLED IN CONDUIT AS SPECIFIED. NO CONDUIT OR TUBING OF LESS THAN 3/4 INCH TRADE SIZE.
2. PROVIDE RIGID PVC SCHEDULE 80 CONDUITS FOR ALL RISERS. RMC OTHERWISE NOTED. EMT MAY BE INSTALLED FOR EXTERIOR CONDUITS WHERE NOT SUBJECT TO PHYSICAL DAMAGE.

3. THE INSTALLATION OF SCHEDULE 40 PVC AND RMC CONDUITS SHALL BE 24 INCHES MINIMUM DEPTH. ALL 90 DEGREE BENDS SHALL BE RMC. EXPANSION JOINTS ARE REQUIRED ON ALL CONDUIT RISERS.

4. USE GALVANIZED FLEXIBLE STEEL CONDUIT WHERE DIRECT CONNECTION TO EQUIPMENT WITH MOVEMENT, VIBRATION, OR FOR EASE OF MAINTENANCE. USE LIQUID TIGHT, FLEXIBLE METAL CONDUIT FOR OUTDOOR APPLICATIONS. INSTALL GALVANIZED FLEXIBLE STEEL CONDUIT AT ALL POINTS OF CONNECTION TO EQUIPMENT MOUNTED ON SUPPORT TO ALLOW FOR EXPANSION AND CONTRACTION.

5. A RUN OF CONDUIT BETWEEN BOXES OR EQUIPMENT SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF THREE QUARTER-BENDS. CONDUIT BEND SHALL BE MADE WITH THE UL LISTED BENDER OR FACTORY 90 DEGREE ELBOWS MAY BE USED.

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTORS MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

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B	06/07/22	JX COMMENTS

Plans Prepared For:

**MD7**  
10590 WEST OCEAN AIR DRIVE  
SUITE 300  
SAN DIEGO, CA 92130

Applicant:

**at&t**  
Your world. Delivered.

Plans Prepared By:

**mh**  
**MORRISON HERSHFELD**  
5100 S MACADAM AVE. SUITE 500  
PORTLAND, OR 97239  
Tel: 503-595-9128 Fax: 503-595-9136  
www.morrisonhershfeld.com

Project: **COMMUNITY CONGREGATIONAL CHURCH**  
SITE ID: **SS0071**  
2088 BERYL STREET  
SAN DIEGO, CA 92109  
FA: 10090957

Drawing Title:

**ELECTRICAL NOTES**

Project No.:	210339800
Designer:	SB
Date:	05/06/22
Drawn By:	SS
Checked By:	SS
PM Review:	Client Approval
Issue No.:	G

**E03.0**

SCALE 6 BASE ON 27" X 34" 0" SIZE



## ELECTRICAL NOTES

6. FIELD FABRICATED CONDUITS SHALL BE CUT SQUARE WITH A CONDUIT CUTTING TOOL AND REAMED TO PROVIDE A SMOOTH INSIDE SURFACE.
  7. PROVIDE INSULATED GROUNDING BUSHING FOR ALL CONDUITS.
  8. SUBCONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL CONDUITS DURING CONSTRUCTION. TEMPORARY OPENINGS IN THE CONDUIT SYSTEM SHALL BE PLUGGED OR CAPPED TO PREVENT ENTRANCE OF MOISTURE OR FOREIGN MATTER. SUBCONTRACTOR SHALL REPLACE ANY CONDUITS CONTAINING FOREIGN MATERIALS THAT CANNOT BE REMOVED.
  9. ALL CONDUITS SHALL BE SWABBED CLEAN BY PULLING AN APPROPRIATE SIZE MANDREL THROUGH THE CONDUIT BEFORE INSTALLATION OF CONDUCTORS OR CABLES. CONDUIT SHALL BE FREE OF DIRT AND DEBRIS.
  10. INSTALL PULL STRINGS IN ALL CLEAN EMPTY CONDUITS. IDENTIFY PULL STRINGS AT EACH END.
  11. INSTALL 2" HIGHLY VISIBLE AND DETECTABLE TAPE 12" ABOVE ALL UNDERGROUND CONDUITS AND CONDUCTORS.
  12. CONDUITS SHALL BE INSTALLED IN SUCH A MANNER AS TO INSURE AGAINST COLLECTION OF TRAPPED CONDENSATION.
  13. PROVIDE CORE DRILLING AS NECESSARY FOR PENETRATIONS TO ALLOW FOR RACEWAYS AND CABLES TO BE ROUTED THROUGH THE BUILDING. DO NOT PENETRATE STRUCTURAL MEMBERS. SLEEVES AND/OR PENETRATIONS IN FIRE RATED CONSTRUCTION SHALL BE EFFECTIVELY SEALED WITH FIRE RATED MATERIAL WHICH SHALL MAINTAIN THE FIRE RATING OF THE WALL OR STRUCTURE. FIRE STOPS AT FLOOR PENETRATIONS SHALL PREVENT PASSAGE OF WATER, SMOKE, FIRE, AND FUMES. ALL MATERIAL SHALL BE UL APPROVED FOR THIS PURPOSE.
- B. CONDUCTORS AND CABLE:**
1. ALL POWER WIRING SHALL BE COLOR CODED AS FOLLOWS:  

DESCRIPTION	208/240/120 VOLT SYSTEMS
PHASE A	BLACK
PHASE B	RED
PHASE C	BLUE
NEUTRAL	WHITE
GROUNDING	GREEN
  4. SPLICES SHALL BE MADE ONLY AT OUTLETS, JUNCTION BOXES, OR ACCESSIBLE RACEWAY CONDULETS APPROVED FOR THIS PURPOSE.
  5. PULLING LUBRICANTS SHALL BE UL APPROVED. SUBCONTRACTOR SHALL USE NYLON OR HEMP ROPE FOR PULLING CONDUCTOR OR CABLES INTO THE CONDUIT.
  6. CABLES SHALL BE NEATLY TRAINED, WITHOUT INTERLACING AND BE OF SUFFICIENT LENGTH IN ALL BOXES & EQUIPMENT TO PERMIT MAKING A NEAT ARRANGEMENT. CABLES SHALL BE SECURED IN A MANNER TO AVOID TENSION ON CONDUCTORS OR TERMINALS. CONDUCTORS SHALL BE PROTECTED FROM MECHANICAL INJURY AND MOISTURE. SHARP BENDS OVER CONDUIT BUSHINGS ARE PROHIBITED. DAMAGED CABLES SHALL BE REMOVED AND REPLACED AT THE SUBCONTRACTOR'S EXPENSE.
- C. DISCONNECT SWITCHES:**
1. INSTALL DISCONNECT SWITCHES LEVEL AND PLUMB. CONNECT TO WIRING SYSTEM AND GROUNDING SYSTEM AS INDICATED.
- D. GROUNDING:**
1. ALL METALLIC PARTS OF ELECTRICAL EQUIPMENT WHICH DO NOT CARRY CURRENT SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING MANUFACTURER, AT&T GROUNDING AND BONDING STANDARDS IP-76416, ND-00135, AND THE NATIONAL ELECTRICAL CODE.
  2. PROVIDE ELECTRICAL GROUNDING AND BONDING SYSTEM INDICATED WITH ASSEMBLY OF MATERIALS, INCLUDING GROUNDING ELECTRODES, BONDING JUMPERS AND ADDITIONAL ACCESSORIES AS REQUIRED FOR A COMPLETE INSTALLATION.
  3. ALL GROUNDING CONDUCTORS SHALL PROVIDE A STRAIGHT DOWNWARD PATH TO GROUND WITH GRADUAL BEND AS REQUIRED. GROUNDING CONDUCTORS SHALL NOT BE LOOPED OR SHARPLY BENT. ROUTE GROUNDING CONNECTIONS AND CONDUCTORS TO GROUND IN THE SHORTEST AND STRAIGHTEST PATHS POSSIBLE TO MINIMIZE TRANSIENT VOLTAGE RISES.
  4. BUILDINGS AND/OR NEW TOWERS GREATER THAN 75 FEET IN HEIGHT AND WHERE THE MAIN GROUNDING CONDUCTORS ARE REQUIRED TO BE ROUTED TO GRADE, THE SUBCONTRACTOR SHALL ROUTE TWO GROUNDING CONDUCTORS FROM THE ROOFTOP,

5. TIGHTEN GROUNDING AND BONDING CONNECTORS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE TIGHTENING VALUES FOR CONNECTORS AND BOLTS. WHERE MANUFACTURER'S TORQUING REQUIREMENTS ARE NOT AVAILABLE, TIGHTEN CONNECTIONS TO COMPLY WITH TIGHTENING TORQUE VALUES SPECIFIED IN UL TO ASSURE PERMANENT AND EFFECTIVE GROUNDING. SUBCONTRACTOR SHALL VERIFY THE LOCATIONS OF GROUNDING TIE-IN-POINTS TO THE EXISTING.
  6. GROUNDING SYSTEM. ALL UNDERGROUND GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC WELD PROCESS AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
  7. ALL GROUNDING CONNECTIONS SHALL BE INSPECTED FOR TIGHTNESS. EXOTHERMIC WELDED CONNECTIONS SHALL BE APPROVED BY THE INSPECTOR HAVING JURISDICTION BEFORE BEING PERMANENTLY CONCEALED.
  8. APPLY CORROSION-RESISTANCE FINISH TO FIELD CONNECTIONS AND PLACES WHERE FACTORY APPLIED PROTECTIVE COATINGS HAVE BEEN DESTROYED. USE KOPR-SHIELD ANTI-OXIDATION COMPOUND ON ALL COMPRESSION GROUNDING CONNECTIONS.
  9. A SEPARATE, CONTINUOUS, INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUITS.
  10. BOND ALL INSULATED GROUNDING BUSHINGS WITH A BARE 6 AWG GROUNDING CONDUCTOR TO A GROUND BUS.
  11. DIRECT BURIED GROUNDING CONDUCTORS SHALL BE INSTALLED AT A NOMINAL DEPTH OF 36" MINIMUM BELOW GRADE, OR 6" BELOW THE FROST LINE, USE THE GREATER OF THE TWO DISTANCES.
  12. ALL GROUNDING CONDUCTORS EMBEDDED IN OR PENETRATING CONCRETE SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT.
  13. THE INSTALLATION OF CHEMICAL ELECTROLYTIC GROUNDING SYSTEM IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. REMOVE SEALING TAPE FROM LEACHING AND BREATHER HOLES. INSTALL PROTECTIVE BOX FLUSH WITH GRADE.
  14. DRIVE GROUND RODS UNTIL TOPS ARE A MINIMUM DISTANCE OF 36" DEPTH OR 6" BELOW FROST LINE, USING THE GREATER OF THE TWO DISTANCES.
  15. IF COAX ON THE ICE BRIDGE IS MORE THAN 6 FT. FROM THE GROUNDING BAR AT THE BASE OF THE TOWER, A SECOND GROUNDING BAR WILL BE NEEDED AT THE END OF THE ICE BRIDGE, TO GROUND THE COAX CABLE GROUNDING KITS AND IN-LINE ARRESTERS.
  16. SUBCONTRACTOR SHALL REPAIR, AND/OR REPLACE, EXISTING GROUNDING SYSTEM COMPONENTS DAMAGED DURING CONSTRUCTION AT THE SUBCONTRACTORS EXPENSE.
- 3.5 ACCEPTANCE TESTING:**
- A. CERTIFIED PERSONNEL USING CERTIFIED EQUIPMENT SHALL PERFORM REQUIRED TESTS AND SUBMIT WRITTEN TEST REPORTS UPON COMPLETION.
  - B. WHEN MATERIAL AND/OR WORKMANSHIP IS FOUND NOT TO COMPLY WITH THE SPECIFIED REQUIREMENTS, THE NON COMPLYING ITEMS SHALL BE REMOVED FROM THE PROJECT SITE AND REPLACED WITH ITEMS COMPLYING WITH THE SPECIFIED REQUIREMENTS PROMPTLY AFTER RECEIPT OF NOTICE FOR NON-COMPLIANCE.

- C. TEST PROCEDURES:**
1. ALL FEEDERS SHALL HAVE INSULATION TESTED AFTER INSTALLATION, BEFORE CONNECTION TO DEVICES. THE CONDUCTORS SHALL TEST FREE FROM SHORT CIRCUITS AND GROUNDS. TESTING SHALL BE FOR ONE MINUTE USING 1000V DC. PROVIDE WRITTEN DOCUMENTATION FOR ALL TEST LISTED TO SUBCONTRACTOR.
  2. PRIOR TO ENERGIZING CIRCUITRY, TEST WIRING DEVICES FOR ELECTRICAL CONTINUITY AND PROPER POLARITY CONNECTIONS.
  3. MEASURE AND RECORD VOLTAGES BETWEEN PHASES AND BETWEEN PHASE CONDUCTORS AND NEUTRALS. SUBMIT A REPORT OF MAXIMUM AND MINIMUM VOLTAGES.
  4. PERFORM GROUNDING TEST TO MEASURE GROUNDING RESISTANCE OF GROUNDING SYSTEM USING THE IEEE STANDARD 3-POINT "FALL-OF-POTENTIAL" METHOD. PROVIDE PLOTTED TEST VALUES AND LOCATION SKETCH. NOTIFY THE ENGINEER IMMEDIATELY IF MEASURED VALUE IS OVER 5 OHMS.

JURISDICTIONAL APPROVAL

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. APPROVAL ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF MORRISON HERSHFELD NOR THE ARCHITECT. MORRISON HERSHFELD NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

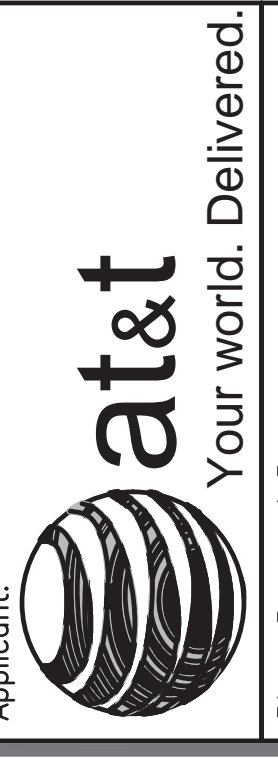
<b>G</b>	05/24/23	JX COMMENTS
<b>F</b>	11/14/22	CLIENT COMMENTS
<b>E</b>	08/17/22	CLIENT COMMENTS
<b>D</b>	06/29/22	CLIENT COMMENTS
<b>C</b>	06/15/22	CLIENT COMMENTS
<b>B</b>	06/07/22	JX COMMENTS

No.	Date	Action
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Plans Prepared For:

**MD7**  
 10590 WEST OCEAN AIR DRIVE  
 SUITE 300  
 SAN DIEGO, CA 92130

Applicant:



Plans Prepared By:



**Project:** COMMUNITY  
**CONGREGATIONAL CHURCH**  
 SITE ID: SS0071  
 2088 BERYL STREET  
 SAN DIEGO, CA 92109  
 FA: 10090957

Drawing Title:

**ELECTRICAL NOTES**

Project No.: 210339800

Designer: SB  
 Date: 05/06/22

Drawn By: SS  
 Checked By: SS

PM Review: JR  
 Client Approval

Issue No.: G

**E04.0**





**City of San Diego  
Development Services**  
1222 First Ave., MS 302  
San Diego, CA 92101  
(619) 446-5000

# Ownership Disclosure Statement

**FORM  
DS-318**

October 2017

**Approval Type:** Check appropriate box for type of approval(s) requested:  Neighborhood Use Permit  Coastal Development Permit  
 Neighborhood Development Permit  Site Development Permit  Planned Development Permit  Conditional Use Permit  Variance  
 Tentative Map  Vesting Tentative Map  Map Waiver  Land Use Plan Amendment •  Other \_\_\_\_\_

**Project Title:** Community Congregational Church **Project No. For City Use Only:** \_\_\_\_\_

**Project Address:** 2088 Beryl Street San Diego, CA 92109

**Specify Form of Ownership/Legal Status (please check):**

Corporation  Limited Liability -or-  General - What State? CA Corporate Identification No. C0346364  
 Partnership  Individual

By signing the Ownership Disclosure Statement, the owner(s) acknowledge that an application for a permit, map or other matter will be filed with the City of San Diego on the subject property with the intent to record an encumbrance against the property. Please list below the owner(s), applicant(s), and other financially interested persons of the above referenced property. A financially interested party includes any individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, receiver or syndicate with a financial interest in the application. If the applicant includes a corporation or partnership, include the names, titles, addresses of all individuals owning more than 10% of the shares. If a publicly-owned corporation, include the names, titles, and addresses of the corporate officers. (A separate page may be attached if necessary.) If any person is a nonprofit organization or a trust, list the names and addresses of **ANY** person serving as an officer or director of the nonprofit organization or as trustee or beneficiary of the nonprofit organization. A signature is required of at least one of the property owners. Attach additional pages if needed. Note: The applicant is responsible for notifying the Project Manager of any changes in ownership during the time the application is being processed or considered. Changes in ownership are to be given to the Project Manager at least thirty days prior to any public hearing on the subject property. Failure to provide accurate and current ownership information could result in a delay in the hearing process.

**Property Owner**

Name of Individual: Community Congregational Church Of Pacific Beach  Owner  Tenant/Lessee  Successor Agency

Street Address: 2088 Beryl Street

City: San Diego State: CA Zip: 92109

Phone No.: 858-274-6600 Fax No.: \_\_\_\_\_ Email: administrator@ccc-pacificbeach.com

Signature: Kathleen Mordenhall Date: 6/26/22

Additional pages Attached:  Yes  No

**Applicant**

Name of Individual: Tara Carmichael, MD7 LLC, obo AT&T  Owner  Tenant/Lessee  Successor Agency

Street Address: 10590 West Ocean Air Drive

City: San Diego State: CA Zip: 92130

Phone No.: 858-952-1936 Fax No.: \_\_\_\_\_ Email: tcarmichael@md7.com

Signature: Tara Carmichael Date: 06/17/2022

Additional pages Attached:  Yes  No

**Other Financially Interested Persons**

Name of Individual: \_\_\_\_\_  Owner  Tenant/Lessee  Successor Agency

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ Email: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional pages Attached:  Yes  No

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Upon request, this information is available in alternative formats for persons with disabilities.



# CAL02071 Coverage plots FA: 10090957

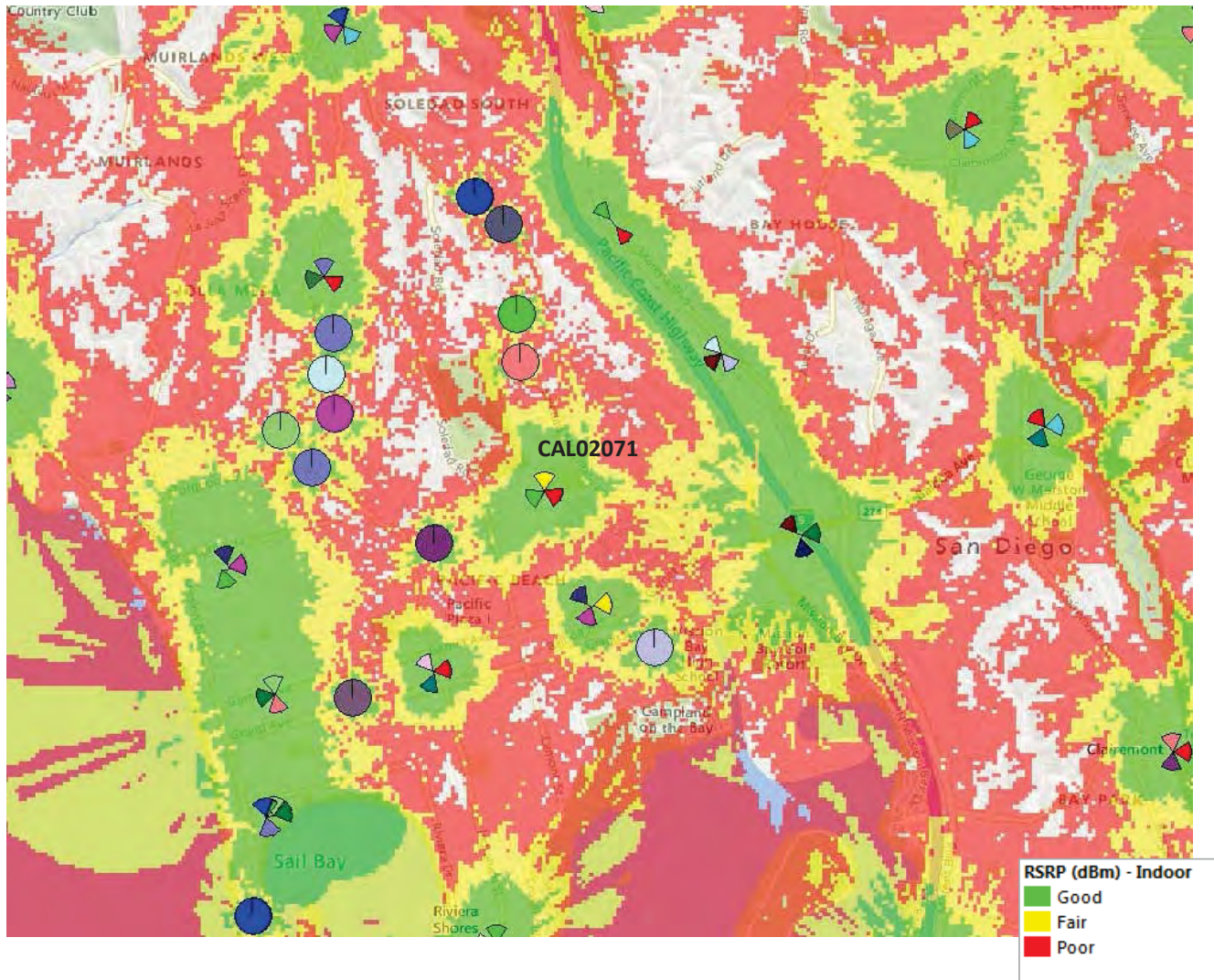
May 3rd, 2022

Jorge Melchor





# Existing/proposed coverage With CAL02071





# Coverage Without CAL02071

