



# NETWORK VISION MMBTS LAUNCH SWEETWATER RESERVOIR

**SD54XC450  
MONOPALM**

7152 SAN MIGUEL AVE.  
BONITA, CA 91908  
CITY OF SAN DIEGO

LATITUDE: 32° 40' 04.81" N (32.686)  
LONGITUDE: 116° 59' 16.06" W (-116.987)

## SAN DIEGO MARKET



Know what's below.  
CALL before you dig.

CALL AT LEAST TWO WORKING  
DAYS BEFORE YOU DIG

**DIG ALERT**



PLANS PREPARED BY:

**Technology Associates  
Engineering Corporation Inc.**  
SAN DIEGO MARKET OFFICE  
5473 KEARNY VILLA RD. STE. 300  
SAN DIEGO, CA 92123

PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET  
OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL  
TO SPRINT ANY USE OR DISCLOSURE OTHER THAN  
AS IT RELATES TO SPRINT IS STRICTLY PROHIBITED

PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH  
**SWEETWATER  
RESERVOIR**  
**SD54XC450**  
7152 SAN MIGUEL AVE.  
BONITA, CA 91908

ISSUE DATE:

01/21/2013

ISSUED FOR:

100% ZD SUBMITTAL

### REVISIONS

REV.	DATE	DESCRIPTION	BY
0	05/08/12	ISSUED FOR 90% ZD REVIEW	JAA
A	09/20/12	ISSUED FOR 100% ZD SUBMITTAL	NAB
A	10/03/12	ISSUED FOR CITY COMMENTS	SMS
A	01/21/13	ISSUED FOR CITY COMMENTS	SMS

LICENSURE:

PRELIMINARY - NOT  
FOR CONSTRUCTION

SHEET TITLE:

**TITLE SHEET**

SHEET NUMBER:

**T-1**

REVISION:

**2**

#### CALIFORNIA STATE CODE COMPLIANCE:

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

- CALIFORNIA ADMINISTRATIVE CODE (INCLUDING TITLES 24 & 25) 2010
- 2010 CALIFORNIA BUILDING CODE
- CITY/COUNTY ORDINANCES
- BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA)
- 2010 CALIFORNIA MECHANICAL CODE
- ANS/IEA-222-F LIFE SAFETY CODE NFPA-101
- 2010 CALIFORNIA PLUMBING CODE
- 2010 CALIFORNIA ELECTRICAL CODE
- 2010 LOCAL BUILDING CODE

#### ACCESSIBILITY REQUIREMENTS:

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

#### FCC NOTE:

THIS WIRELESS COMMUNICATION FACILITY COMPLIES WITH FEDERAL STANDARDS FOR RADIO FREQUENCY IN ACCORDANCE WITH THE TELECOMMUNICATION ACT OF 1996 AND SUBSEQUENT AMENDMENTS AND ANY OTHER REQUIREMENTS IMPOSED BY STATE OR FEDERAL REGULATORY AGENCIES.



VICINITY MAP

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY. THE PROJECT CONSISTS OF:

- REMOVE ALL EXISTING PANEL ANTENNAS AND REPLACE WITH (9) 8'-0" PANEL ANTENNAS
- INSTALL (3) PROPOSED FIBER OPTICS CABLES USING EXISTING COAX ROUTE
- INSTALL (18) PROPOSED RRH UNITS
- INSTALL (1) PROPOSED H-FRAME

- NO PROPOSED CHANGES TO EXISTING EQUIPMENT IN EQUIPMENT AREA.

#### EXISTING WIRELESS FACILITIES:

- A TOTAL OF (1) WIRELESS COMMUNICATION FACILITY(S) EXISTING ON SITE

### PROJECT DESCRIPTION

**APPLICANT:**  
TECHNOLOGY ASSOCIATES  
5473 KEARNY VILLA ROAD #300  
SAN DIEGO, CA 92123  
CONTACT: STEPHANIE VALDEZ  
PHONE: (858) 300-2348 X 1531

#### PROPERTY INFORMATION:

TOWER OWNER: TOWER CO

ZONING CLASSIFICATION: RR

BUILDING CODE: CBC

CONSTRUCTION TYPE: V-N

OCCUPANCY: S-2

JURISDICTION: COUNTY OF SAN DIEGO

CURRENT USE: TELECOMMUNICATIONS FACILITY

PROPOSED USE: TELECOMMUNICATIONS FACILITY

#### PARCEL NUMBER(S):

595-120-24

#### LEASE AREA:

±377 SQ. FT.

### PROJECT SUMMARY

SHEET NO.:	DESCRIPTION:
T-1	TITLE SHEET
A-1	OVERALL SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	EXISTING ANTENNA & EQUIPMENT PLANS
A-4	PROPOSED ANTENNA & EQUIPMENT PLAN
A-5	EXISTING & PROPOSED NORTH ELEVATIONS
A-6	EXISTING & PROPOSED SOUTH ELEVATIONS
A-7	EXISTING & PROPOSED EAST ELEVATIONS
A-8	EXISTING & PROPOSED WEST ELEVATIONS
A-9	ANTENNA DETAILS
L-1	LANDSCAPE PLAN

### SHEET INDEX

#### ARCHITECT:

TECHNOLOGY ASSOCIATES  
5473 KEARNY VILLA ROAD #300  
SAN DIEGO, CA 92123  
CONTACT: ALEXANDER G. NAASZ  
PHONE: (858) 300-2348 EXT. 1515  
EMAIL: alexander.naasz@taec.net

#### STRUCTURAL ENGINEER:

TECHNOLOGY ASSOCIATES  
5473 KEARNY VILLA ROAD #300  
SAN DIEGO, CA 92123  
CONTACT: ALEXANDER G. NAASZ  
PHONE: (858) 300-2348 X 1515  
EMAIL: alexander.naasz@taec.net

#### SITE ACQUISITION PROJECT MANAGER:

ALCATEL-LUCENT  
CONTACT: FELICIA PHILLIPS  
PHONE: (858) 320-3146

#### CONSTRUCTION MANAGER:

ALCATEL-LUCENT  
CONTACT: CARL WILLARD  
PHONE: (619) 417-6998

#### PLANNING CONSULTANT:

TECHNOLOGY ASSOCIATES  
5473 KEARNY VILLA ROAD #300  
SAN DIEGO, CA 92123  
CONTACT: STEPHANIE VALDEZ  
PHONE: (858) 300-2348 X 1531

#### POWER COMPANY:

SDG&E  
PHONE: (800) 336-7343

#### TELCO COMPANY:

AT&T  
PHONE: (888) 944-0447

SDC PDS RCVD 02-20-13  
**ZAP00-155W1**

### PROJECT TEAM

### CODE BLOCK

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE SUBCONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND MAY IMPOSE CHANGES OR MODIFICATIONS.

PROJECT MANAGER: \_\_\_\_\_ DATE: \_\_\_\_\_  
CONSTRUCTION MANAGER: \_\_\_\_\_ DATE: \_\_\_\_\_  
RF ENGINEER: \_\_\_\_\_ DATE: \_\_\_\_\_  
TAEC SITE ACQUISITION: \_\_\_\_\_ DATE: \_\_\_\_\_  
ALU SITE ACQUISITION: \_\_\_\_\_ DATE: \_\_\_\_\_  
PLANNING CONSULTANT: \_\_\_\_\_ DATE: \_\_\_\_\_  
PROPERTY OWNER: \_\_\_\_\_ DATE: \_\_\_\_\_  
SPRINT REPRESENTATIVE: \_\_\_\_\_ DATE: \_\_\_\_\_

### SIGNATURE BLOCK

#### STARTING FROM SAN DIEGO AIRPORT:

1. START OUT GOING WEST ON N HARBOR DR.
2. TURN SLIGHT LEFT.
3. TAKE THE 1ST RIGHT ONTO WINSHIP LN.
4. TURN LEFT ONTO N HARBOR DR.
5. TURN LEFT ONTO W GRAPE ST.
6. MERGE ONTO I-5 S.
7. MERGE ONTO CA-54 E VIA EXIT 9.
8. TAKE THE BRIARWOOD RD EXIT.
9. TURN RIGHT ONTO BRIARWOOD RD.
10. TURN LEFT ONTO SWEETWATER RD.
11. TURN RIGHT ONTO BONITA RD.
12. TURN LEFT ONTO SAN MIGUEL RD.
13. TURN LEFT ONTO SAN MIGUEL AVE.
14. 7152 SAN MIGUEL AVE IS ON THE RIGHT.

### DRIVING DIRECTIONS

PARCEL 1 OF PARCEL MAP NO. 9550, IN THE COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JANUARY 3, 1990.

### LEGAL DESCRIPTION



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LICENSURE:

PRELIMINARY - NOT FOR CONSTRUCTION

SHEET TITLE:

**OVERALL SITE PLAN**

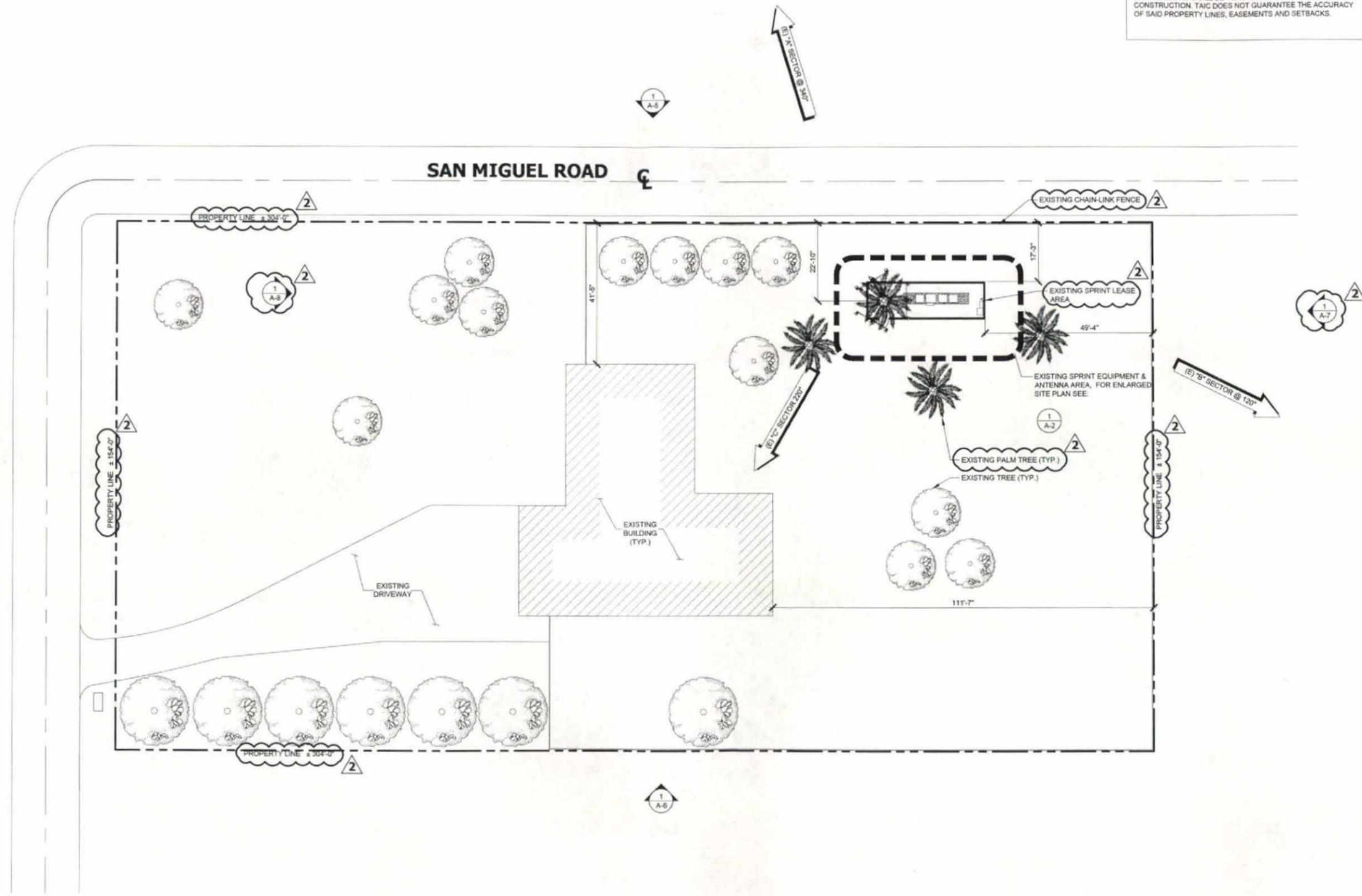
SHEET NUMBER:

**A-1**

REVISION:

**2**

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



NOTE: THE ORIGINAL SET OF THIS PLAN IS 24" X 36". SCALE SHOULD BE NOTED FOR REDUCED OR UNLARGED PRINTS.

OVERALL SITE PLAN

30' 0 15' 30' SCALE: 1" = 30'-0" (24x36)  
(OR) 1/2" = 30'-0" (11x17)



1

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**Alcatel-Lucent**  
9605 SCRANTON RD. SUITE 400  
SAN DIEGO, CA 92121

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**ENLARGED  
SITE PLAN**

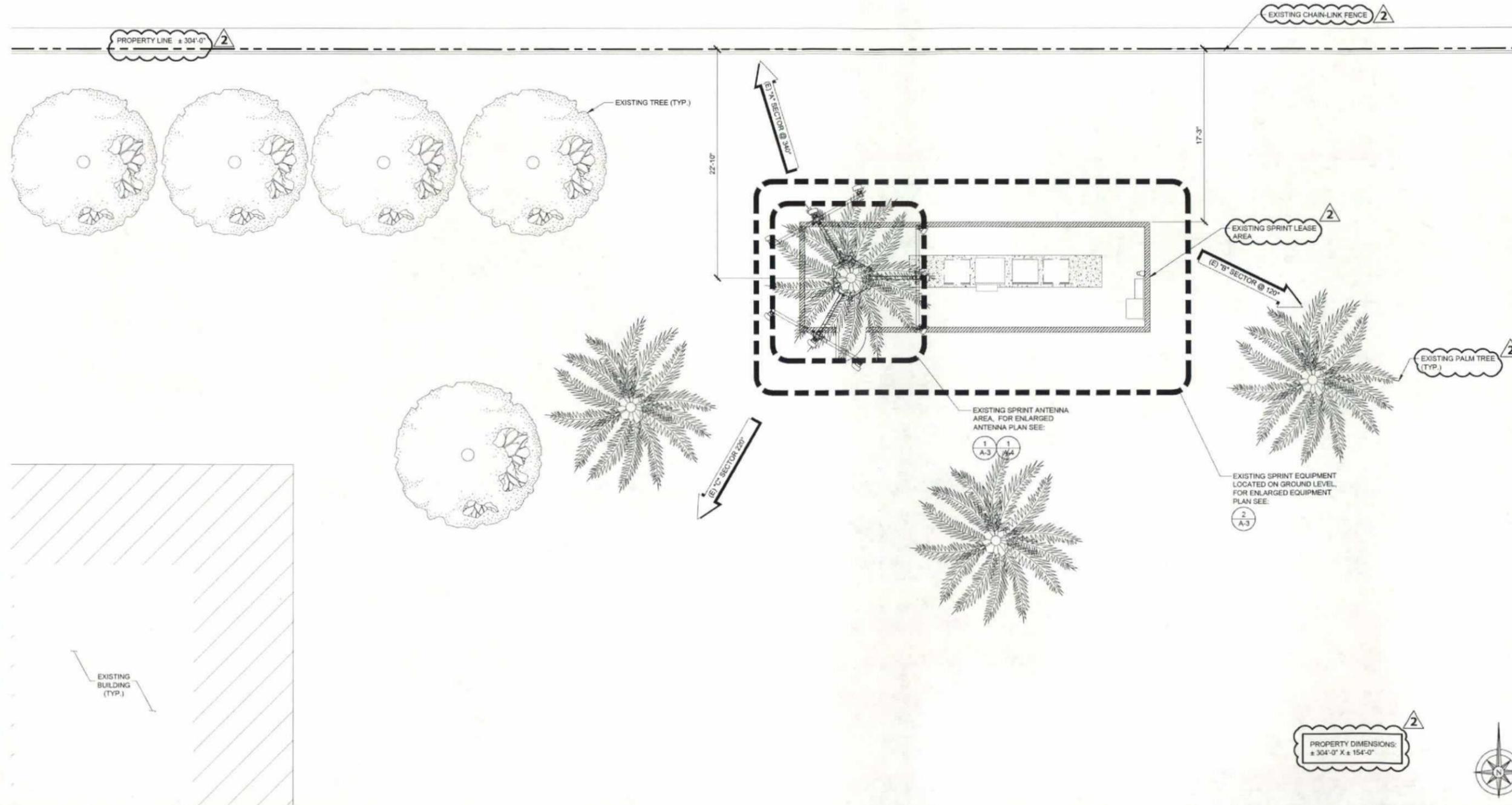
SHEET NUMBER:

**A-2**

REVISION:

**2**

**SAN MIGUEL ROAD**



ENLARGED SITE PLAN

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



1



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SHEET TITLE:

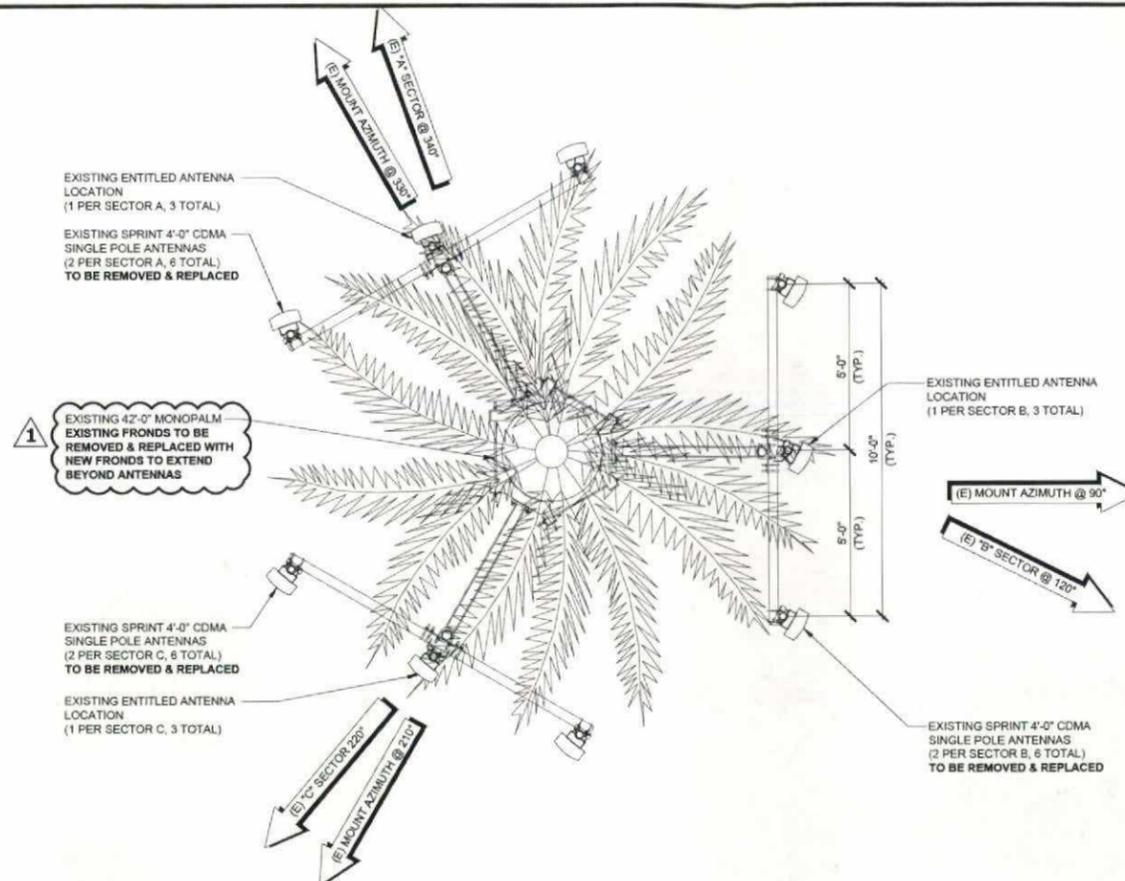
EXISTING ANTENNA  
& EQUIPMENT PLANS

SHEET NUMBER:

A-3

REVISION:

2

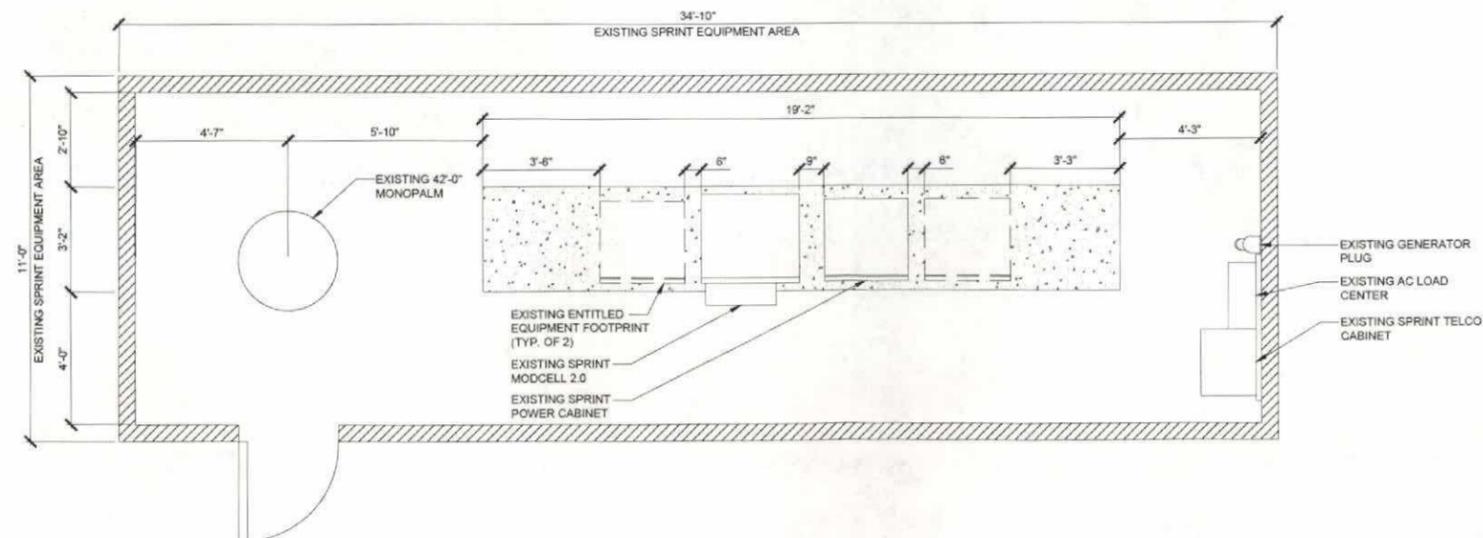


EXISTING ANTENNA PLAN

SCALE: 3/8" = 1'-0" (24x36)  
(OR) 3/16" = 1'-0" (11x17)

1

NOTE:  
NO PROPOSED CHANGES  
TO EXISTING EQUIPMENT  
IN EQUIPMENT AREA.



EXISTING EQUIPMENT PLAN

SCALE: 3/8" = 1'-0" (24x36)  
(OR) 3/16" = 1'-0" (11x17)

2

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" x 36". SCALE: 3/8" = 1'-0" (24x36) AND 3/16" = 1'-0" (11x17) UNLESS SPECIFIED OTHERWISE.



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LICENSURE:

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SHEET TITLE:

PROPOSED ANTENNA & EQUIPMENT PLAN

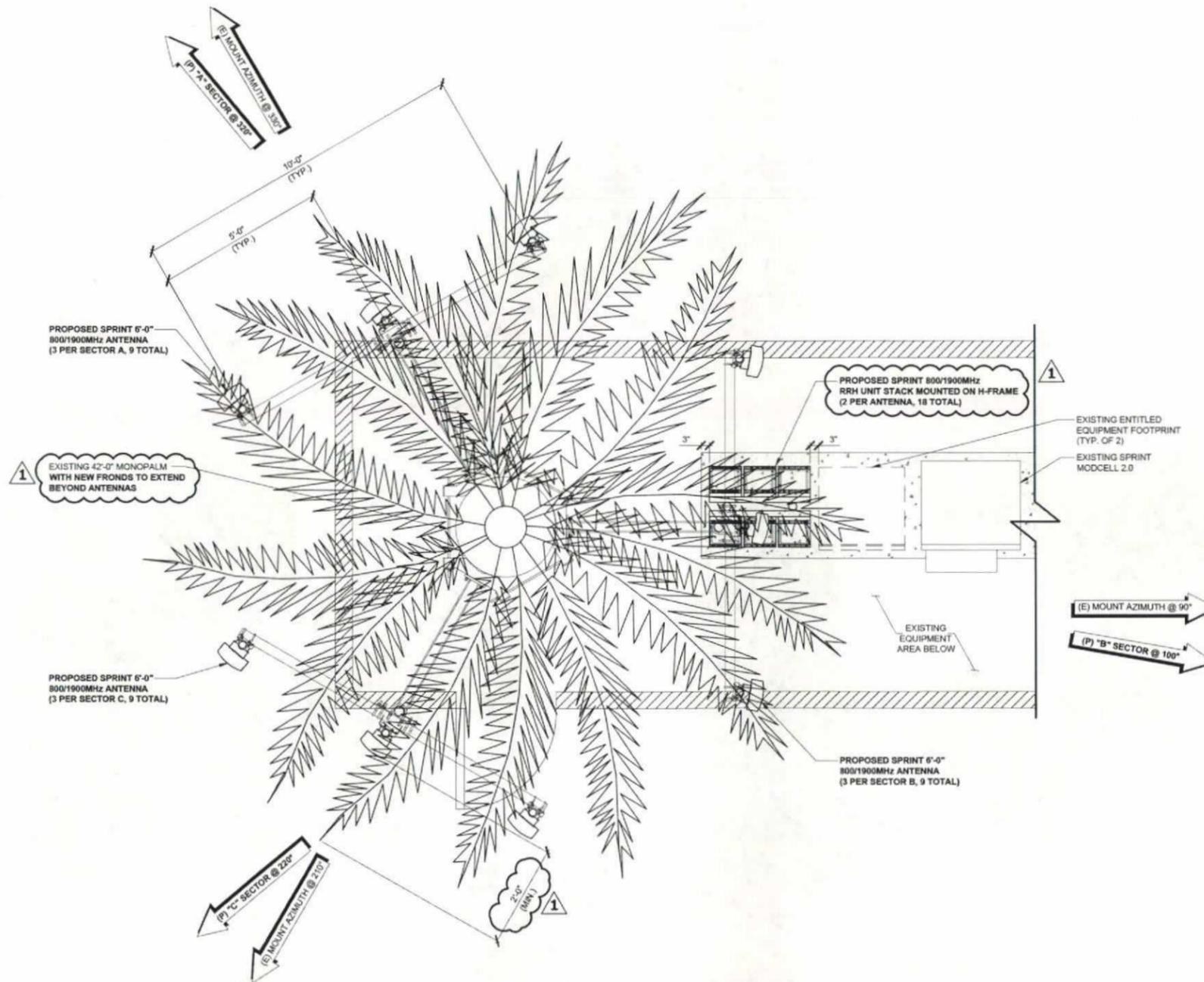
SHEET NUMBER:

REVISION:

A-4 2

NOTE:

1. INSTALLERS TO VERIFY LATEST RF DATA SHEET & PLUMBING / WIRING DIAGRAMS, PRIOR TO INSTALLATION.
2. NO PROPOSED CHANGES TO EXISTING EQUIPMENT IN EQUIPMENT AREA.
3. ANTENNAS & MOUNTS TO BE PAINTED TO MATCH MONOPALM FRONDS.



NOTE: THE ORIGINAL SIZE OF THIS DRAWING IS 24\"/>





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SHEET TITLE:  
**NORTH ELEVATIONS**

SHEET NUMBER: **A-5** REVISION: **2**

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF EXISTING SPRINT ANTENNAS  
ELEV. 37'-0" AGL

RAD CENTER OF EXISTING SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

EXISTING SPRINT 4'-0" CDMA SINGLE POLE ANTENNAS (2 PER SECTOR B, 6 TOTAL) TO BE REMOVED & REPLACED

EXISTING SPRINT 4'-0" CDMA SINGLE POLE ANTENNAS (2 PER SECTOR A, 6 TOTAL) TO BE REMOVED & REPLACED

EXISTING ENTITLED ANTENNA LOCATION (1 PER SECTOR A, 3 TOTAL)

EXISTING 42'-0" MONOPALM

EXISTING 7'-0" HIGH CMU WALL

EXISTING SPRINT EQUIPMENT AREA

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

EXISTING NORTH ELEVATION

0 1.5' 3' 5' SCALE: 3/16" = 1'-0" (24x36)  
(OR) 3/32" = 1'-0" (11x17)

1

NOTE:

1. INSTALLERS TO VERIFY LATEST RF DATA SHEET & PLUMBING / WIRING DIAGRAMS, PRIOR TO INSTALLATION.

2. ANTENNAS & MOUNTS TO BE PAINTED TO MATCH MONOPALM FRONDS.

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF PROPOSED SPRINT ANTENNAS  
ELEV. 38'-0" AGL

RAD CENTER OF PROPOSED SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

PROPOSED SPRINT 6'-0" 800/1900MHz ANTENNA (3 PER SECTOR B, 9 TOTAL)

PROPOSED SPRINT 6'-0" 800/1900MHz ANTENNA (3 PER SECTOR A, 9 TOTAL)

EXISTING 42'-0" MONOPALM WITH NEW FRONDS TO EXTEND BEYOND ANTENNAS

PROPOSED SPRINT 800/1900MHz RRH UNIT STACK MOUNTED ON H-FRAME (2 PER ANTENNA, 18 TOTAL)

EXISTING 7'-0" HIGH CMU WALL

EXISTING SPRINT EQUIPMENT AREA

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

PROPOSED NORTH ELEVATION

0 1.5' 3' 5' SCALE: 3/16" = 1'-0" (24x36)  
(OR) 3/32" = 1'-0" (11x17)

2

DATE: 01/21/2013 10:55 AM BY: JAA 1.5" x 11" SCALE: 3/16" = 1'-0" (24x36) (OR) 3/32" = 1'-0" (11x17)



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**SHEET TITLE:**

**SOUTH ELEVATIONS**

**SHEET NUMBER:**

**REVISION:**

**A-6 2**

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF EXISTING SPRINT ANTENNAS  
ELEV. 37'-0" AGL

RAD CENTER OF EXISTING SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

EXISTING SPRINT 4'-0" CDMA  
SINGLE POLE ANTENNAS  
(2 PER SECTOR C, 6 TOTAL)  
TO BE REMOVED & REPLACED

EXISTING SPRINT 4'-0" CDMA  
SINGLE POLE ANTENNAS  
(2 PER SECTOR B, 6 TOTAL)  
TO BE REMOVED & REPLACED

EXISTING ENTITLED ANTENNA  
LOCATION (1 PER SECTOR C,  
3 TOTAL)

EXISTING 42'-0" MONOPALM

EXISTING 7'-0" HIGH CMU  
WALL

EXISTING SPRINT EQUIPMENT  
AREA

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

**EXISTING SOUTH ELEVATION**

0 1.5' 3' 5' SCALE: 3/16" = 1'-0" (24x36)  
(OR) 3/32" = 1'-0" (11x17)

1

**NOTE:**

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- ANTENNAS & MOUNTS TO BE PAINTED TO MATCH MONOPALM FRONDS.

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF PROPOSED SPRINT ANTENNAS  
ELEV. 36'-0" AGL

RAD CENTER OF PROPOSED SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

PROPOSED SPRINT 6'-0" 800/1900MHz  
ANTENNA (3 PER SECTOR C, 9 TOTAL)

PROPOSED SPRINT 6'-0" 800/1900MHz  
ANTENNA (3 PER SECTOR B, 9 TOTAL)

EXISTING 42'-0" MONOPALM  
WITH NEW FRONDS TO EXTEND  
BEYOND ANTENNAS

PROPOSED SPRINT 800/1900MHz RRH  
UNIT STACK MOUNTED ON H-FRAME  
(2 PER ANTENNA, 18 TOTAL)

EXISTING 7'-0" HIGH CMU  
WALL

EXISTING SPRINT EQUIPMENT  
AREA

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

**PROPOSED SOUTH ELEVATION**

0 1.5' 3' 5' SCALE: 3/16" = 1'-0" (24x36)  
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2

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REVISIONS

REV.	DATE	DESCRIPTION	BY
0	05/09/12	ISSUED FOR 90% ZD REVIEW	JAA
A	06/20/12	ISSUED FOR 100% ZD SUBMITTAL	NAB
A	10/03/12	ISSUED FOR CITY COMMENTS	SMS
A	01/21/13	ISSUED FOR CITY COMMENTS	SMS

LICENSURE:

PRELIMINARY - NOT FOR CONSTRUCTION

SHEET TITLE:

EAST ELEVATIONS

SHEET NUMBER:

A-7

REVISION:

2

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF EXISTING SPRINT ANTENNAS  
ELEV. 37'-0" AGL

RAD CENTER OF EXISTING SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

EXISTING SPRINT 4'-0" CDMA  
SINGLE POLE ANTENNAS  
(2 PER SECTOR C, 6 TOTAL)  
TO BE REMOVED & REPLACED

EXISTING SPRINT 4'-0" CDMA  
SINGLE POLE ANTENNAS  
(2 PER SECTOR B, 6 TOTAL)  
TO BE REMOVED & REPLACED

EXISTING ENTITLED ANTENNA  
LOCATION (1 PER SECTOR B,  
3 TOTAL)

EXISTING 42'-0" MONOPALM

EXISTING 7'-0" HIGH CMU  
WALL

EXISTING SPRINT EQUIPMENT  
AREA

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

EXISTING EAST ELEVATION

0 1.5' 3' 5" SCALE: 3/16" = 1'-0" (24x36)  
(OR) 3/32" = 1'-0" (11x17)

1

NOTE:  
1. INSTALLERS TO VERIFY LATEST RF DATA SHEET & PLUMBING / WIRING DIAGRAMS, PRIOR TO INSTALLATION.  
2. ANTENNAS & MOUNTS TO BE PAINTED TO MATCH MONOPALM FRONDS.

TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL

TOP OF PROPOSED SPRINT ANTENNAS  
ELEV. 38'-0" AGL

RAD CENTER OF PROPOSED SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL

PROPOSED SPRINT 6'-0" 800/1900MHz  
ANTENNA (3 PER SECTOR C, 9 TOTAL)

PROPOSED SPRINT 6'-0" 800/1900MHz  
ANTENNA (3 PER SECTOR B, 9 TOTAL)

EXISTING 42'-0" MONOPALM  
WITH NEW FRONDS TO EXTEND  
BEYOND ANTENNAS

PROPOSED SPRINT 800/1900MHz RRH  
UNIT STACK MOUNTED ON H-FRAME  
(2 PER ANTENNA, 18 TOTAL)

EXISTING SPRINT EQUIPMENT  
AREA

EXISTING 7'-0" HIGH CMU  
WALL

TOP OF EXISTING SPRINT EQUIPMENT AREA  
ELEV. 7'-0" AGL

FINISH GRADE  
ELEV. 0'-0" AGL

PROPOSED EAST ELEVATION

0 1.5' 3' 5" SCALE: 3/16" = 1'-0" (24x36)  
(OR) 3/32" = 1'-0" (11x17)

2

NOTE: THE ORIGINAL SET OF THIS PLAN IS IN THE SCALE SHOWN & NOT A 1/4" = 1'-0" SCALE. THIS SET IS NOT VALID FOR RECORDS OR UNLESS OTHERWISE NOTED.



PLANS PREPARED BY:

**Technology Associates  
Engineering Corporation Inc.**  
SAN DIEGO MARKET OFFICE  
5473 KEARNY VILLA RD. STE. 300  
SAN DIEGO, CA 92123

PROPRIETARY INFORMATION  
THE INFORMATION CONTAINED IN THIS SET  
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PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH  
**SWEETWATER  
RESERVOIR  
SD54XC450**  
7152 SAN MIGUEL AVE.  
BONITA, CA 91908

ISSUE DATE:

01/21/2013

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LICENSURE:

PRELIMINARY - NOT  
FOR CONSTRUCTION

SHEET TITLE:

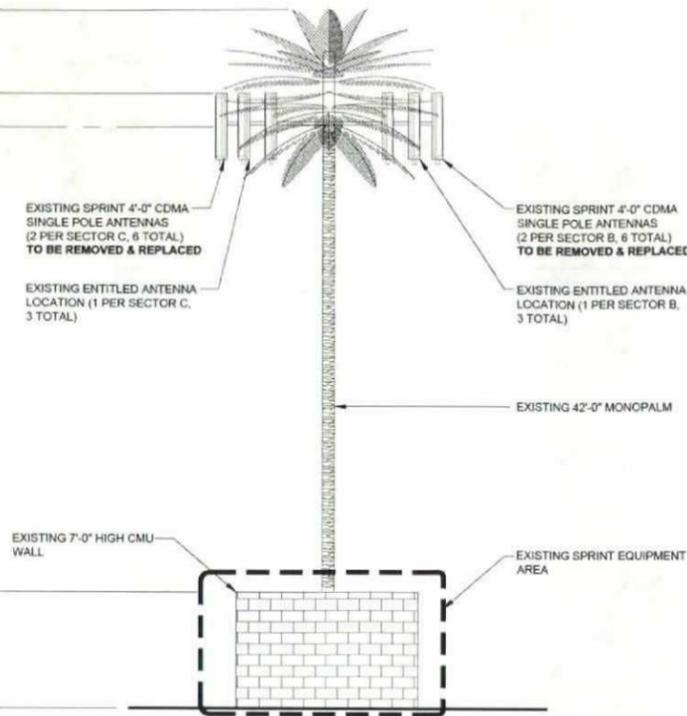
**WEST ELEVATIONS**

SHEET NUMBER:

REVISION:

**A-8** <sup>2</sup> **2**

- TOP OF EXISTING MONOPALM  
ELEV. 42'-0" AGL
- TOP OF EXISTING SPRINT ANTENNAS  
ELEV. 37'-0" AGL
- RAD CENTER OF EXISTING SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL



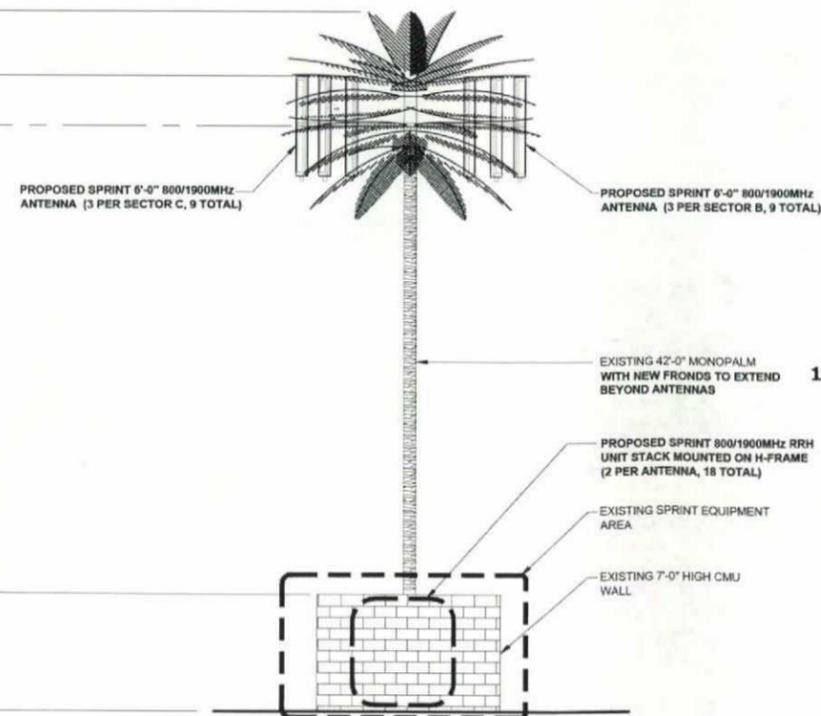
EXISTING WEST ELEVATION

0 2' 4' 8' SCALE: 1/8" = 1'-0" (24x36)  
(OR) 1/16" = 1'-0" (11x17)

1

NOTE:  
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ELEV. 42'-0" AGL
- TOP OF PROPOSED SPRINT ANTENNAS  
ELEV. 38'-0" AGL
- RAD CENTER OF PROPOSED SPRINT ANTENNAS & ANTENNA MOUNT HEIGHT  
ELEV. 35'-0" AGL



PROPOSED WEST ELEVATION

0 2' 4' 8' SCALE: 1/8" = 1'-0" (24x36)  
(OR) 1/16" = 1'-0" (11x17)

2

NOTE: THE ORIGINAL SET OF THIS PLAN IS 24" x 36". SCALE SHOULD BE NOTIFIED FOR REDUCED OR ENLARGED SHEET SIZES.



PLANS PREPARED BY:  
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 Engineering Corporation Inc.**  
**SAN DIEGO MARKET OFFICE**  
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**LICENSURE:**

PRELIMINARY - NOT FOR CONSTRUCTION

**SHEET TITLE:**

**ANTENNA DETAILS**

**SHEET NUMBER:**

**A-9**

**REVISION:**

**2**

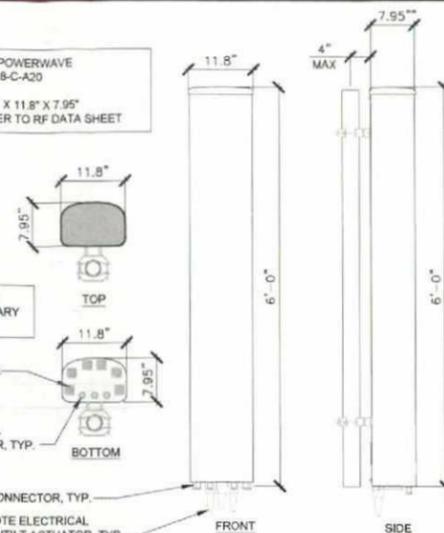
MANUFACTURER: POWERWAVE  
 MODEL: A9XVSP18-C-A20  
 WEIGHT: 83.0 LBS  
 DIMENSIONS: 72.0" X 11.8" X 7.95"  
 FREQUENCY: REFER TO RF DATA SHEET

ANTENNA INFORMATION  
 PULLED FROM PRELIMINARY  
 PRODUCT DATA SHEET

RF CONNECTOR, TYP.

REMOTE ELECTRICAL  
 DOWNTILT ACTUATOR, TYP.

RF CONNECTOR, TYP.  
 REMOTE ELECTRICAL  
 DOWNTILT ACTUATOR, TYP.



**ANTENNA SPECIFICATIONS**

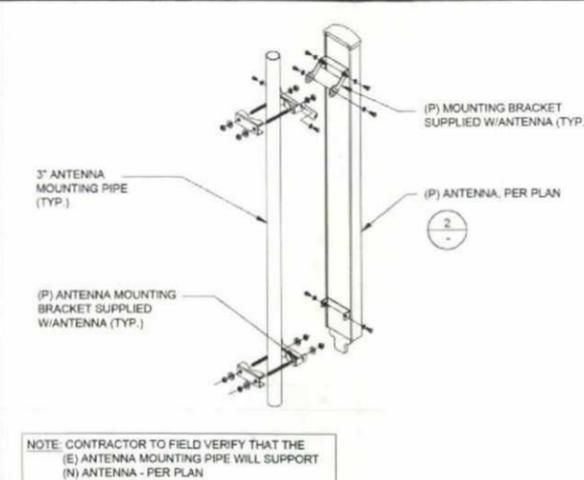
SCALE  
 N.T.S.

2

**ANTENNA MOUNTING**

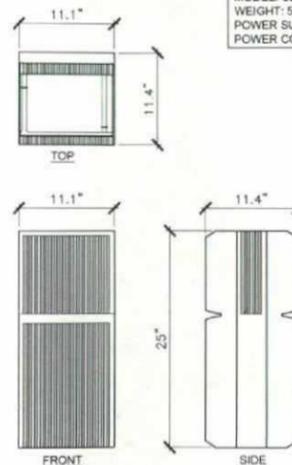
SCALE  
 N.T.S.

5



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

MANUFACTURER: ALU  
 MODEL: CDMA/LTE DUAL TECH 4 X 40 W  
 WEIGHT: 59.5 LBS  
 POWER SUPPLY: -48 VDC  
 POWER CONSUMPTION: <700W TYPICAL



**RRH DETAIL**

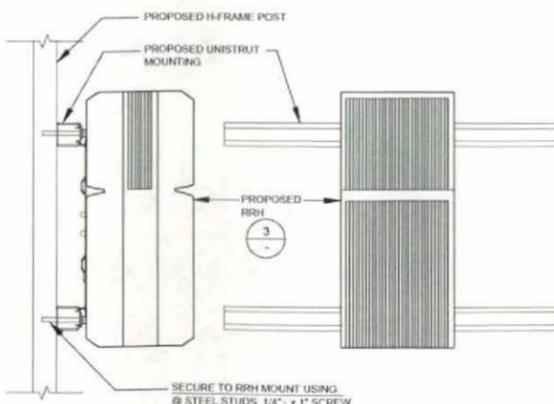
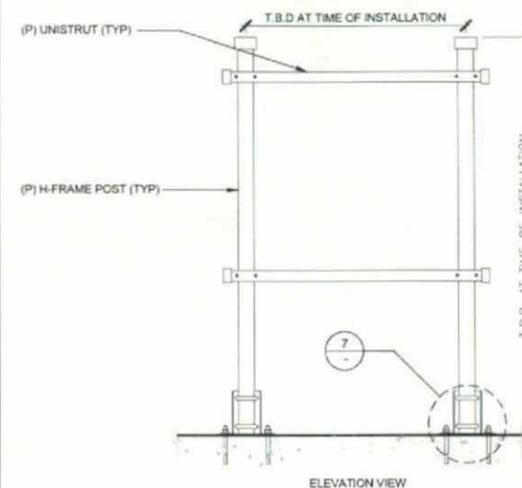
SCALE  
 N.T.S.

3

**H-FRAME DETAIL**

SCALE  
 N.T.S.

6



SCALE  
 N.T.S.

1

**RRH MOUNTING**

SCALE  
 N.T.S.

4

**(N) H-FRAME MOUNTING**

SCALE  
 N.T.S.

7

**WB-BS**

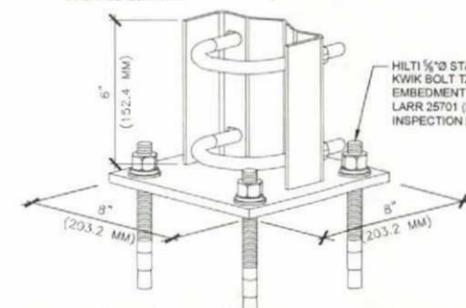
BASE SHOE FOR 3-1/2" OD PIPE, HARDWARE INCLUDED

**DIMENSIONS**

WIDTH	203.2MM   8.0 IN
HEIGHT	152.4MM   6.0 IN
LENGTH	203.2MM   8.0 IN
WEIGHT	8.7KG   19.2 LB

**GENERAL SPECIFICATIONS**

PRODUCT TYPE	BASE SHOES
APPLICATION	BASE SHOE
INCLUDES	HARDWARE   MOUNT
MATERIAL TYPE	HOT DIP GALVANIZED STEEL
MOUNTING	PIPE, 88.9 MM (3-1/2") OD
PACKAGE QUANTITY	1



NOT USED

NOTE: THE ORIGINAL SET OF THIS PLAN IS NOT MADE FOR REVISIONS OR UNANNOUNDED CHANGES



**Alcatel-Lucent**  
 9605 SCRANTON RD. SUITE 400  
 SAN DIEGO, CA 92121

PLANS PREPARED BY:

**Technology Associates  
 Engineering Corporation Inc.**  
**SAN DIEGO MARKET OFFICE**  
 5473 KEARNY VILLA RD. STE. 300  
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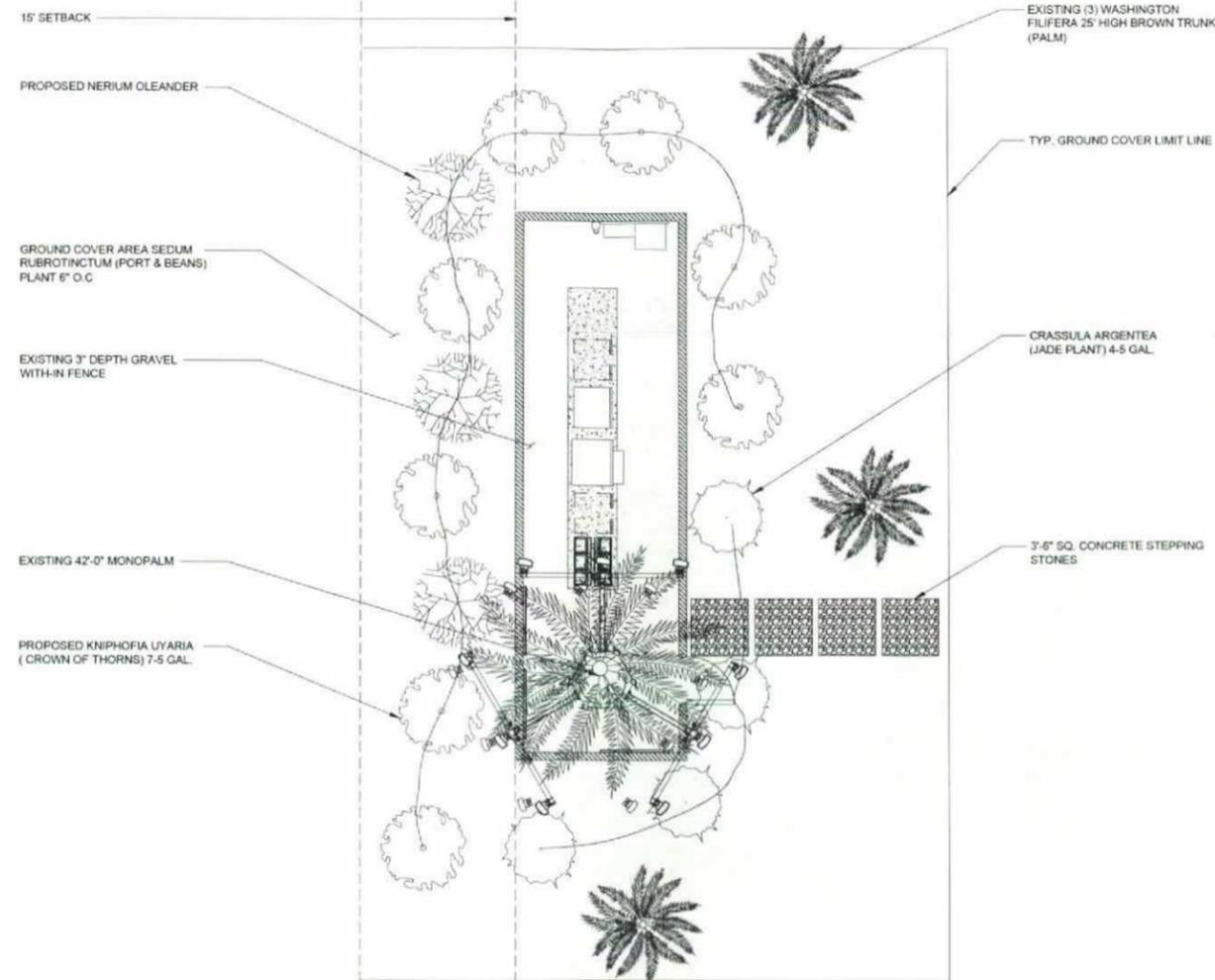
SHEET TITLE:

**LANDSCAPE PLAN**

SHEET NUMBER:

REVISION:

**L-1** <sup>2</sup> **2**



NOTE:

1. PRIOR TO START OF WORK THE CONTRACTOR SHALL WALK THE SITE WITH OWNERS REPRESENTATIVE AND REVIEW UTILITIES AND EXISTING CONDITIONS.
2. AT COMPLETION OF WORK A FINAL INSPECTION SHALL BE MADE PRIOR TO EXCEPTION BY OWNER.
3. ADJUSTMENTS MAY BE TO ACCOMMODATE SITE CONDITIONS.
4. GUARANTEE OF PLANT MATERIAL SHALL BE 1 YEAR TREES, 6 MONTHS SHRUBS.
5. CONTRACTOR SHALL MAINTAIN SITE FOR 90 DAYS. FOLLOWED BY A CONTINUOUS MAINTENANCE PROGRAM.
6. THIS INSTALLATION SHALL MEET STANDARD SHOW UNLESS SUPERSEDED BY LOCAL STANDARDS.
7. WEED CONTROL WITHIN THE AREA SHALL BE MONITORED ON A MONTHLY BASIS.
8. AT THE END OF CONSTRUCTION ALL MATERIALS, DEBRIS SHALL PROMPTLY BE REMOVED FROM SITE.
9. CONTRACTOR SHALL ADJUST GRADE AS NECESSARY. INSTALL (10 MIL. BLACK VISQUEEN BARRIER, COVERS BY 3/4" TO 1" GRAVEL @ 3" MIN. DEPTH.

CONSTRUCTION NOTES

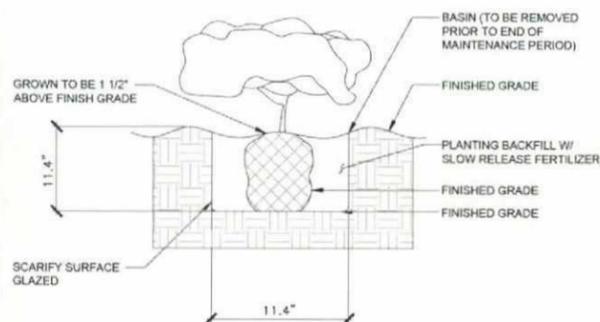
SCALE  
N.T.S.

1

PLANTING PLAN

SCALE  
N.T.S.

3



SHRUB PLANTING

SCALE  
N.T.S.

2

GENERAL NOTES

NOTE:

EXISTING CENTRALLY CONTROLLED  
 AUTOMATIC IRRIGATION SYSTEM W/ A RAIN  
 SENSING DEVICE.  
 ALL PLANTING BEDS AND SLOPES LESS THAN  
 3:1 SHALL RECEIVE NO LESS THAN TWO  
 INCHES OF ORGANIC MULCH.  
 FIELD VERIFY EXISTING LANDSCAPE. DO NOT  
 REMOVE IF EXISTING LAND MATCHES  
 PROPOSED LANDSCAPE.

NOTE:

1. PLAN IS DIAGRAMMATIC AND ALLOWS FOR ADJUSTMENT.
2. CONTRACTOR TO TAKE PRECAUTIONS TO PROTECT EXISTING UTILITIES AND SHALL REPAIR ALL DAMAGED ITEMS.

SCALE  
N.T.S.

4

NOTE: THE GRAPHIC SET OF THIS PLAN IS 1/4" = 1'-0". SCALE MATCHES THE 1/4" = 1'-0" SCALE OF THE 1/4" = 1'-0" PLAN.