



SF ALAMO 011

(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507

PSL #433677
ORDER #31363291
RE PROJECT #20171517301

Revised
CONTRA COSTA
JULY 13 PM 2:02
WA18-0002



Verizon Wireless
2785 Mitchell Drive, Suite 9
Walnut Creek, CA 94598

Client:



Project Architect:



Site Agent:

100% Construction
Drawings

Drawing Phase:

SF ALAMO 011

(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507
PSL #433677

Site Name:

Professional Seal:

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Architect/Engineer, to alter this document.

Rev.	Date	Description
01	03/01/18	Const. Drawg 50%
02	03/27/18	Const. Drawg 100%
03	04/03/18	Const. Drawg 100%
04	08/13/18	Const. Drawg 100%

Project No.:

Date: 08/13/18 Job No.:

Scale: AS SHOWN CAD File:

Designed By: JG Checked: RB

TITLE SHEET

Sheet Title:

T.1

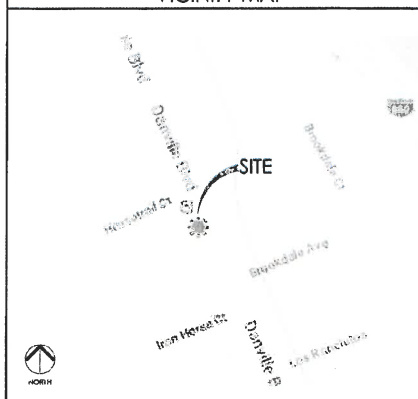
Sheet No.:

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SITE INFORMATION

PSL #: 433677
OWNER: POSE CALIFORNIA JOINT POLE
870 N. MCCARTHY BLVD. SUITE 110
MILPITAS, CA 95035
TEL (408) 635-8775
APPLICANT: VERIZON WIRELESS
2785 MITCHELL DRIVE, SUITE 9
WALNUT CREEK, CA 94598
AGENT: ON AIR LLC
465 FIRST ST. WEST
SUITE 101
SONOMA, CA 95476
TEL (707) 933-9633
APN ADJACENCY: (FO) 188-252-021
SITE ADDRESS: 401 HORSETRAIL CT.
ALAMO, CA 94507
COUNTY: CONTRA COSTA COUNTY
ZONING: PUBLIC ROW
ZONING JURISDICTION: CONTRA COSTA COUNTY

VICINITY MAP



PROJECT TEAM

ON AIR, LLC
465 FIRST ST. WEST
SUITE 101
SONOMA, CA 95476

PROJECT MGR: CHRIS FOWLER
MOBILE: (678) 888-0809
OFFICE: (707) 933-9633
EMAIL: cfowler@onairllc.com

CONSTRUCTION MANAGER: MOHAMMAD A. BASEER
MOBILE: (510) 414-7075
EMAIL: mbaseer@onairllc.com

SITE ACQUISITION MGR: PETE HILLIARD
MOBILE: (707) 733-7227
OFFICE: (707) 933-9633
EMAIL: philliard@onairllc.com

ARCHITECT/ENGINEER
PROJECT MANAGER: RODNEY BARNES
MERIDIAN MANAGEMENT, INC.
MOBILE: (707) 592-5924
EMAIL: rodney@meridianmanagement.com

VERIZON WIRELESS
2785 MITCHELL DRIVE
BUILDING 9
WALNUT CREEK, CA 94598

PROJECT DESCRIPTION

THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR THE VERIZON WIRELESS NETWORK
CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED
EQUIPMENT ON AN EXISTING WOOD POLE IN THE PUBLIC RIGHT-OF-WAY.

SCOPE OF WORK

1. INSTALL NEW TELECOMMUNICATIONS EQUIPMENT BOXES ON AN EXISTING 42'-4" HT. POLE & WOOD POLE.
2. POLE-MOUNTED EQUIPMENT TO BE INSTALLED ON A GOPS COMPLIANT STANDOFF BRACKET.
3. EQUIPMENT CONSISTS OF (1) 4' HT. ANTENNA ON POLE TOP EXTENSION, (2) RUSS2 AND (2) DUPLEXERS INSIDE 5' SHROUDS, (1) FIBER OPTIC BOX, (1) DISCONNECT SWITCH, (2) POWER SUPPLY UNITS, (2) STL BOLLARDS AND (1) POLE-MOUNTED POWER METER.
4. INSTALL POLE STEPS AS REQUIRED.
5. ALL POLE EQUIPMENT TO BE PAINTED VALSPAR "DEEP EARTH" COLOR.
6. POWER SERVICE FROM OVERHEAD POC.

DRAWING INDEX

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C.2	SITE SURVEY
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A.2	POLE PLAN ENLARGEMENTS
A.3	ELEVATIONS
A.4	ELEVATIONS
A.5	EQUIPMENT DETAILS
A.6	EQUIPMENT DETAILS
A.7	EQUIPMENT DETAILS
E.1	SINGLE LINE DIAGRAM, BUSS DIAGRAM, PANEL SCHEDULE
E.2	POLE GROUNDING, ELECTRICAL DETAILS
TC.1	SITE SPECIFIC VEHICLE TRAFFIC CONTROL PLAN

ADMINISTRATIVE REQUIREMENTS

CONTRACTOR SHALL VERIFY ALL PLANS & (E) DIMENSIONS & CONDITIONS ON
THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY
DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE
FOR SAME IF USING 1"X17" PLOT, DRAWINGS WILL BE HALF SCALE

CODE COMPLIANCE

CONSTRUCTION WORKS AND MATERIALS MUST COMPLY WITH ALL APPLICABLE
NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY LOCAL JURISDICTION,
INCLUDING BUT NOT LIMITED TO:

- CALIFORNIA CODE OF REGULATIONS
- 2014 CALIFORNIA BUILDING CODE
- 2014 CALIFORNIA MECHANICAL CODE
- 2014 CALIFORNIA PLUMBING CODE
- 2014 CALIFORNIA ELECTRIC CODE
- 2014 GREEN CODE
- 2014 EDITION OF TITLE 24 ENERGY STANDARDS
- ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
- CITY / COUNTY ORDINANCES
- 2014 CALIFORNIA FIRE CODES WITH ALL LOCAL AMENDMENTS
- GO 15 REGULATIONS

DRIVING DIRECTIONS

DIRECTIONS FROM VERIZON WIRELESS RF MARKET OFFICE:

1. Head south-west on Mitchell Dr towards N Wiget Ln
2. Turn left onto N Wiget Ln
3. Turn right onto Ygnacio Valley Rd
4. Ygnacio Valley Rd turn right and becomes Hillside Ave
5. Use the left 2 lanes to turn left onto the Interstate 680 S slip road to San Jose
6. Merge onto I-680 S
7. Take exit 45A for S Main St
8. Turn right onto S Main St
9. Continue onto Danville Blvd
10. Pole will be on the right

HANDICAP REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
HANDICAPPED ACCESS NOT REQUIRED IN ACCORDANCE WITH
CALIFORNIA ADMINISTRATIVE STATE CODE PART 2, TITLE 24,
CHAPTER 118, SECTION 11038.



SITE MAP

A BOUNDARY SURVEY WAS NOT PERFORMED AT THIS TIME. RIGHT-OF-WAY WIDTHS AND PROPERTY LINE LOCATIONS SHOWN HEREON ARE APPROXIMATE AND BASED ON A COMBINATION OF VARIOUS MAPS AND FIELD OBSERVATIONS FOR GRAPHICAL PURPOSES ONLY.

SURVEYOR ASSUMES NO RESPONSIBILITY TO CONTACT U.S.A. OR ANY OTHER AGENCIES PRIOR TO CONSTRUCTION. THE LOCATION OF EXISTING UTILITIES SHOWN HEREON MAY NOT BE ACCURATE AND ALL EXISTING UTILITIES MAY NOT BE SHOWN. CONTACT U.S.A. PRIOR TO CONSTRUCTION.

HORSETRAIL COURT

DANVILLE BOULEVARD

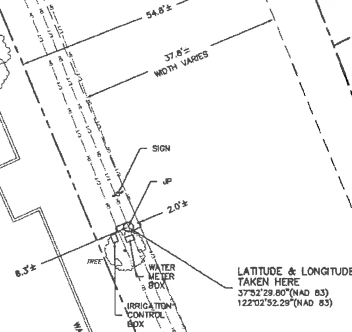
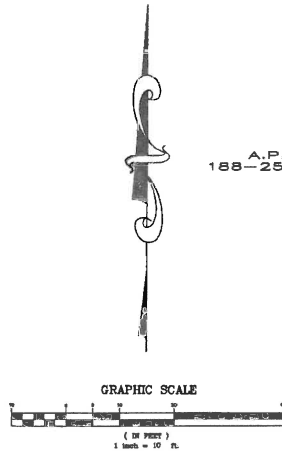
A.P.N.
188-252-028

A.P.N.
187-070-005

A.P.N.
188-252-021

A.P.N.
187-070-006

A.P.N.
187-070-007



- LEGEND**
- — — — — PROPERTY LINE
 - o-o- FENCE LINE
 - - - - - EDGE OF PAVEMENT
 - - - - - EDGE OF GRAVEL
 - - - - - OVERHEAD UTILITY LINE



Curtis C. Surveying & Professional Land Surveying & Mapping & Drafting
2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
925.93.5501 curtisc@curtisurveying.com jcurtis@curtisurveying.com

REVISIONS

NO.	DATE	DESCRIPTION
1	12/26/17	ISSUED FOR REVIEW
2	03/26/18	REV PER EMAIL

verizon

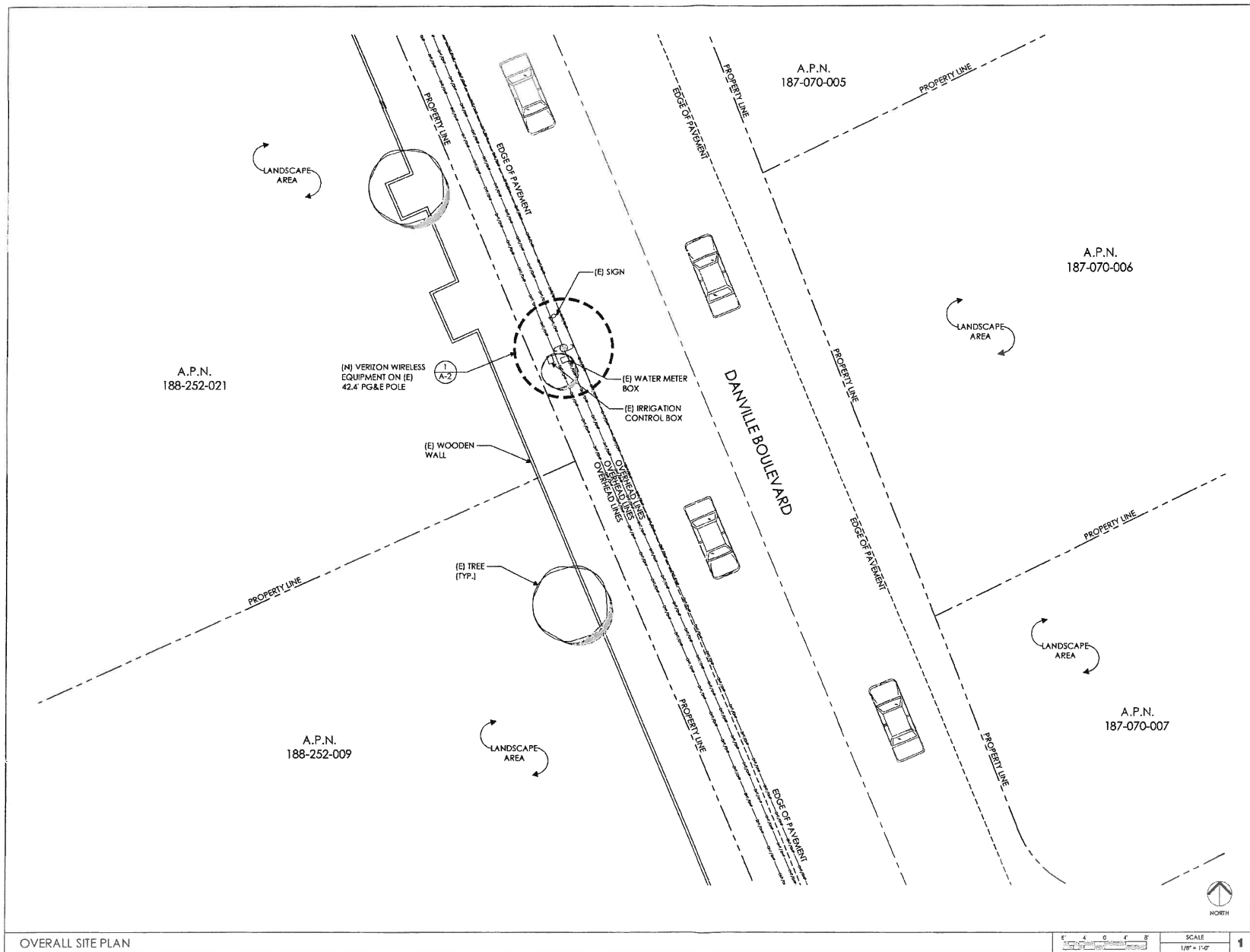
VERIZON WIRELESS
2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598

433677
SF ALAMO 011
NEAR 401 HORSETRAIL CT.
ALAMO, CA 94507

DRAWN: [] DATE: 03/26/18
JOB NO. 17015A
SHEET NO.

C-1

BOUNDARY SHOWN IS BASED ON RECORD INFORMATION AND FOUND MONUMENTATION.
THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATE.



verizon

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ON AIR
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Consulting Geographer
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Phone: 707.453.5820
Fax: 707.453.5811

Site Agent:

100% Construction Drawings

Drawing Phase:

SF ALAMO 011
(NEAR) 401 HORSETAIL CT
ALAMO, CA 94507
PSL #433677

Site Name:

Professional Seal:

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03	04/03/18	Const. Drawg 100%
04	06/13/18	Const. Drawg 100%

Project No.:

Date: 05/13/18 Job No.:

Scale: AS SHOWN CAD File:

Designed By: JG Checked: RB

OVERALL SITE PLAN

Sheet Title:

A.1

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OVERALL SITE PLAN

SCALE
1/8" = 1'-0"

1

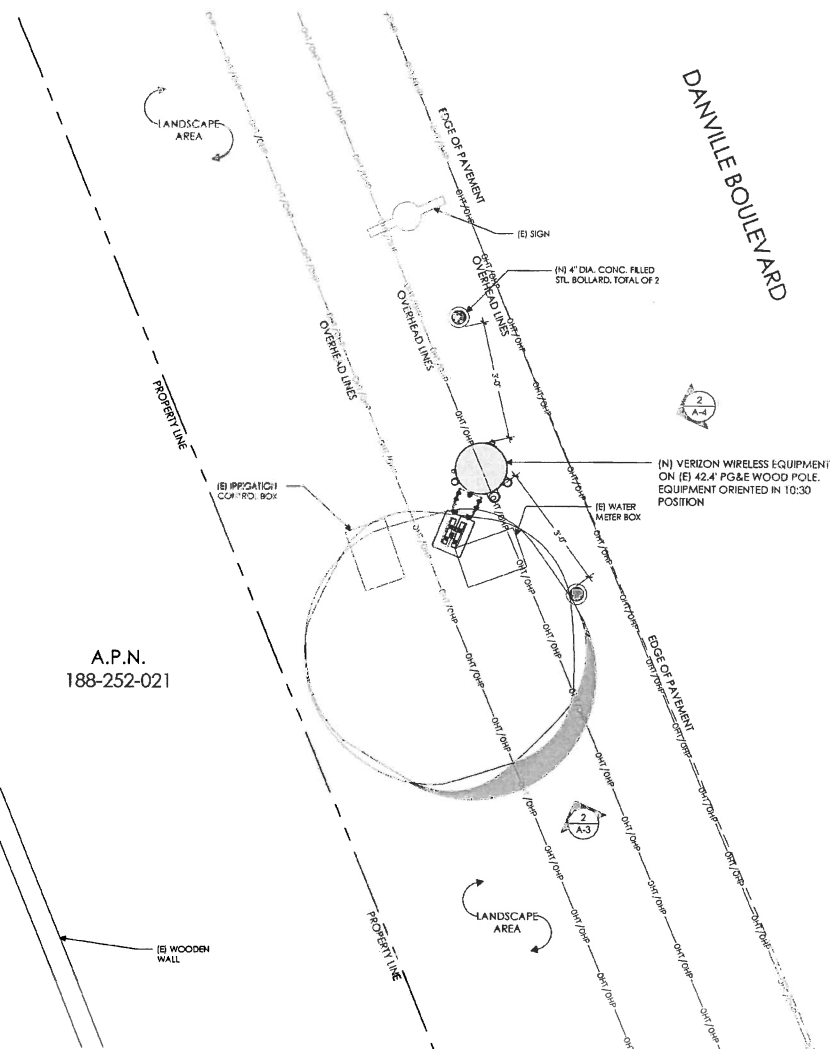
(N) VERIZON EQUIPMENT TO BE MOUNTED IN 10:30 ORIENTATION. CLIMBING SPACE BETWEEN 12:00 & 3:00. POLE STEPS REQUIRED FROM 8.5 TO COMMUNICATIONS ZONE. STEPS SHOULD BE USABLE WHEN INSTALLED WITHIN CLIMBING SPACE

EQUIPMENT SYSTEM

ALL NEW POLE COMPONENTS NOT SHOP PAINTED SHOULD BE FIELD PAINTED VALSPAR 'DEEP EARTH' COLOR

NEW CONDUIT FOR POWER/TELCO

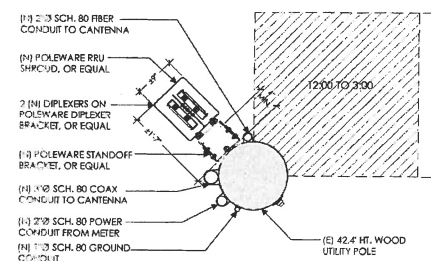
- (1) 2" CONDUIT FOR POWER
- (1) 2" CONDUIT FOR FIBER
- (1) 3" CONDUIT FOR COAX
- (1) 1" CONDUIT FOR GROUND



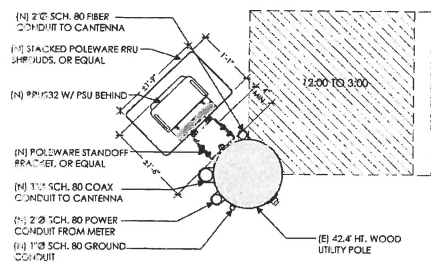
POLE PLAN ENLARGEMENT

0 6' 1' 2' 3' SCALE 3/16" = 1'-0"

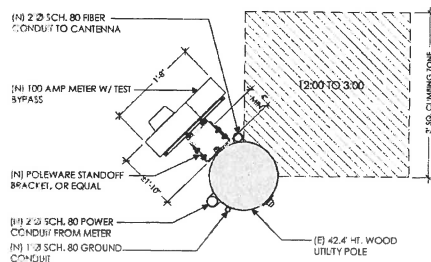
POLE SECTIONS



A. SECTION



B. SECTION



C. SECTION

0 6' 1' 2' 3' SCALE 3/16" = 1'-0"

verizon

Verizon Wireless
2785 Mitchell Drive, Suite 9
Walnut Creek, CA 94598

Client:

MM Meridian Management LLC
785 Oak Grove Road #2
Suite 201
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707.592.8994
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Project Architect:

ON AIR
On Air Design & Construction
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Berkeley, CA 94710
Phone: 510.433.0071
Fax: 510.433.0071

Site Agent:

100% Construction Drawings
(E) LIGHT POLE
Drawing Phase:

SF ALAMO 011
(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507
PSL #433677

Site Name:

Professional Seal:

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Rev.	Date	Description
01	03/20/18	Consent, Design 90%
02	03/22/18	Consent, Design 100%
03	04/03/18	Consent, Design 100%
04	08/13/18	Consent, Design 100%

Project No.:

Date: 08/13/18 Job No.:

Scale: AS SHOWN CAD File:

Designed By: JG Checked: RB

POLE PLAN ENLARGEMENTS

Sheet Title:

Sheet No.:

A.2

Sheet No.:

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IF DIMENSIONS SHOWN ON PLAN DO NOT SCALE CORRECTLY, CHECK FOR REDUCTION OR ENLARGEMENT FROM ORIGINAL PLANS.



Medallion Management, LLC
785 Oak Grove Road E2
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T 707.592.5924
www.medallionmanagement.com

ON AIR

455 First St. West, Suite 1C
Sonoma, CA 94978
Phone: 707-933-9833
Fax: 707-933-9811

100% Construction Drawings

SF ALAMO 011
(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507
PSL #433677

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03	04/03/18	Constr. Dwgs 100%
04	08/13/18	Constr. Dwgs 100%

Project No.: _____ Date: 08/13/18 Job No.: _____
Scale: AS SHOWN CAD File: _____
Designed By: JG Checked: R

ELEVATIONS

Sheet Title:

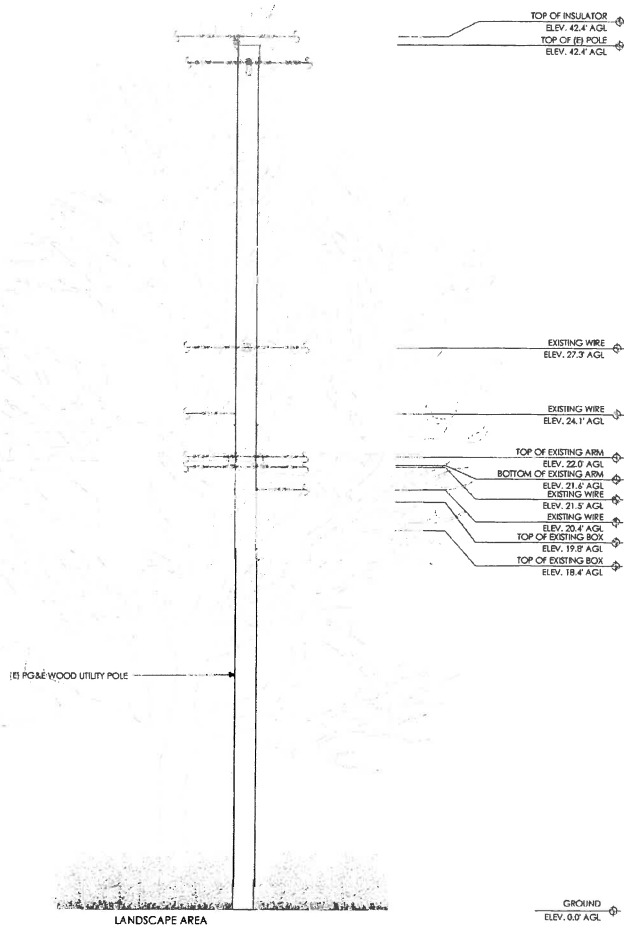
Sheet No.:

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SCALE NOTE:

IF DIMENSIONS ARE GIVEN IN FEET AND INCHES, DIMENSIONS SHALL BE SHOWN TO THE NEAREST 1/8" UNLESS OTHERWISE NOTED. DIMENSIONS SHALL BE SHOWN TO THE NEAREST 1/8" UNLESS OTHERWISE NOTED.

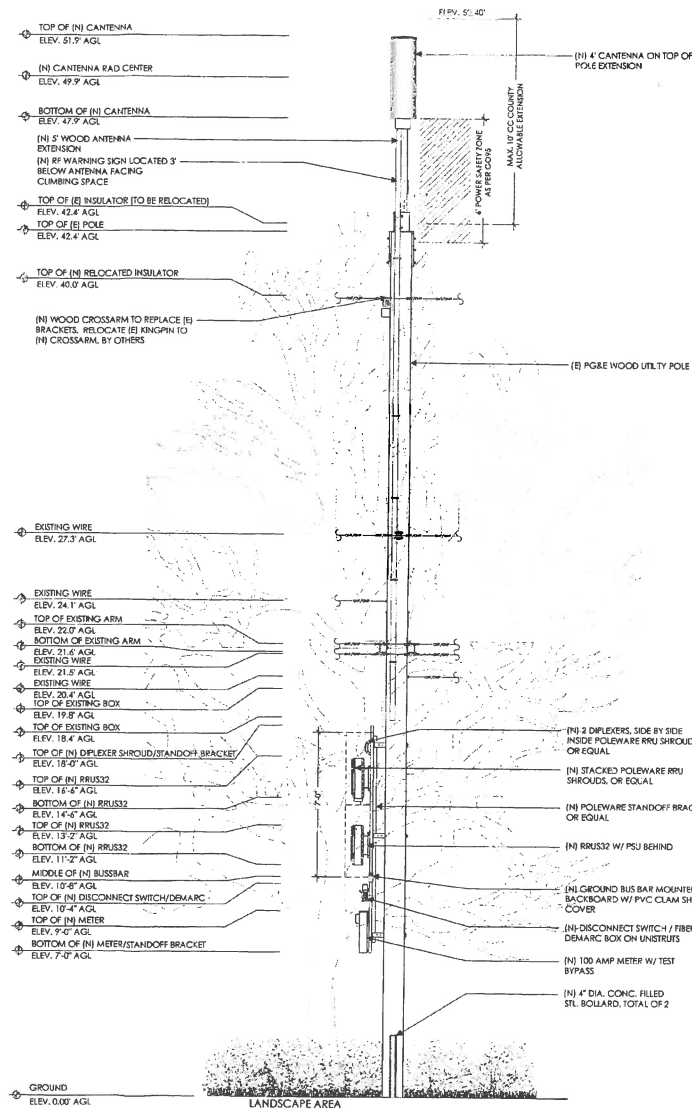
- (N) VERIZON EQUIPMENT TO BE MOUNTED IN THE 10:30 QUADRANT.
- POLE STEPS REQUIRED FROM 8.5' TO COMMUNICATIONS ZONE. STEPS SHOULD BE USABLE WHEN INSTALLED WITHIN CLIMBING SPACE.
- ALL NEW COMPONENTS NOT SHOP PAINTED SHOULD BE FIELD PAINTED VALSPAR 'DEEP EARTH' COLOR.



NORTHEAST ELEVATION - EXISTING

0 1' 2' 4' 6' SCALE 3/8" = 1'-0"

1



NORTHEAST ELEVATION - PROPOSED

0 1' 2' 4' 6' SCALE 3/8" = 1'-0"

2



Verizon Wireless
2785 Mitchell Drive, Suite 9
Walnut Creek, CA 94598

Client:



Project Architect:

ON AIR

Meridian Management LLC
405 First St. West, Suite 101
San Francisco, CA 94103
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Fax: 415.398.8833

Site Agent:

100% Construction Drawings

Drawing Phase:

SF ALAMO 011

(NEAR) 401 HORSESHOE CIRCLE
ALAMO, CA 94507
PSL 8433677

Site Name:

Professional Seal:

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04	08/13/18	Const. Draw 100%

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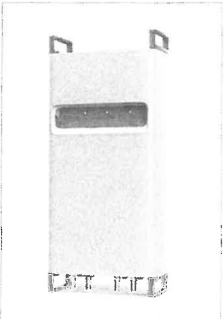
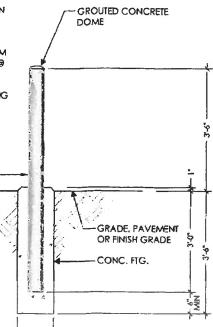
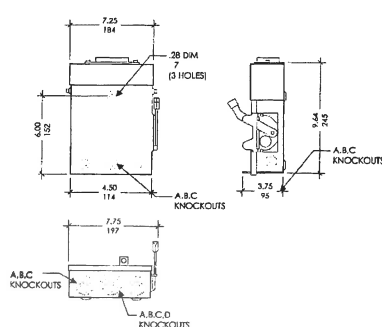

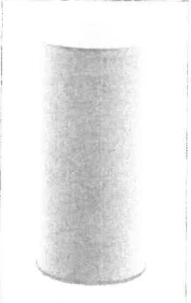
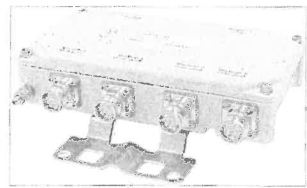
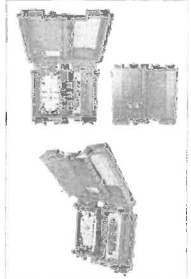
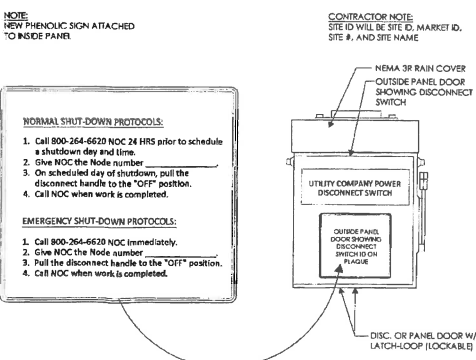
ELEVATIONS

Sheet Title:

A.4

Sheet No.:

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<p>UNIT: ERICSSON RRUS32</p> <p>HEIGHT: 27.2 INCHES</p> <p>WIDTH: 12.1 INCHES</p> <p>LENGTH: 7.0 INCHES</p> <p>WEIGHT: 53 LBS (EXCLUDES MOUNTING HARDWARE)</p> 	<p>NOTES:</p> <ol style="list-style-type: none"> 1. SPACE BOLLARDS AS SHOWN ON PLAN OR AS DIRECTED BY CONSTRUCTION MANAGER. 2. ALL CONCRETE MUST HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI @ 28 DAYS. 3. WHEN BOLLARD IS INSTALLED IN PAVING AREA, RUN PAVING UP TO BOLLARD. 4. BOLLARD PAINT COLOR TO MATCH, SUBMIT COLOR SAMPLE TO CM FOR APPROVAL. 	
<p>RRUS32</p>	<p>1 4" DIA. STEEL BOLLARD</p> <p>HEIGHT: 27.2 INCHES</p> <p>WIDTH: 10.79 INCHES</p> <p>DEPTH: 7.0 INCHES</p> <p>WEIGHT: 11.46 LBS</p> <p>(USED FOR RRUS32)</p> 	<p>4 DISCONNECT SWITCH</p> <p>HEIGHT: 48.0 INCHES</p> <p>DIAMETER: 14.6 INCHES</p> <p>WEIGHT: 38.1 LBS (WITHOUT MOUNTING BRACKET)</p> 
<p>NOT USED</p>	<p>2 POWER SUPPLY UNIT (PSU AC 08)</p> <p>UNIT: FIBER DEMARC ENCLOSURE BOX</p> <p>HEIGHT: 8.54 INCHES</p> <p>WIDTH: 10 INCHES</p> <p>DEPTH: 2.88 INCHES</p>  	<p>5 CANTENNA</p> <p>NOTE: NEW PHENOLIC SIGN ATTACHED TO INSIDE PANEL</p> <p>CONTRACTOR NOTE: SITE ID WILL BE SITE ID, MARKET ID, SITE #, AND SITE NAME</p>  <p>CAUTION</p> <p>ON WOOD POLES - SIGN ON ALUMINUM WITH SS SCREW TO THE POLE 3" BELOW ANTENNA</p> <p>SIGN PLACEMENT: AFFIX TO THE STRUCTURE 3'-4" BELOW THE COMMERCIAL RF ANTENNA(S) OR 3' BELOW LOWEST POWER WIRE</p> <p>SIGN COLOR: YELLOW</p> <p>CONTRACTOR NOTE: SITE ID WILL BE SITE ID, MARKET ID, SITE #, AND SITE NAME</p>
<p>DIPLEXER</p>	<p>3 FIBER DEMARC BOX</p>	<p>9 RF WARNING SIGNAGE</p>

verizon

Verizon Wireless
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Walnut Creek, CA 94598

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Project Architect:

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Berkeley, CA 94701
Phone: 707.855.8833
Fax: 707.453.8811

Site Agent:

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03 | 04/03/18 | Const. Dwg. 100%
04 | 08/13/18 | Const. Dwg. 100%
Project No.:
Date: 08/13/18 Job No.:
Scale: AS SHOWN CAD File:
Designed By: JG Checked: RB

EQUIPMENT
DETAILS

Sheet Title:

A.5

Sheet No.:

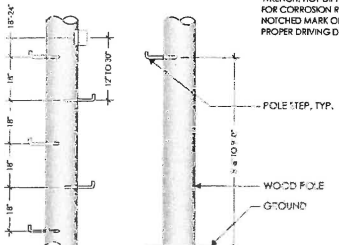
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STEP:
WEIGHT PER 100:
MANUFACTURE:
MODEL #:
DESCRIPTION:

POLE 1/2 X 10 INCH GALVANIZED
99 LBS.
AERIAL SERVICE COMPANY, INC.
1-800-256-5186
http://www.bhman-hoat.com/
J1118

POLE STEPS ARE USED ON WOOD POLES WHERE FREQUENT ACCESS TO POLE MOUNTED EQUIPMENT IS REQUIRED. FLAT DRIVING SURFACE AND SHARP POINT BASE INSTALLATION. FETTER-DRIVE THREAD PERMITS REMOVAL WITH A WRENCH. HOT-DIPPED GALVANIZED FOR CORROSION RESISTANCE. NOTCHED MARK ON STEP INDICATES PROPER DRIVING DEPTH.



POLE STEPS

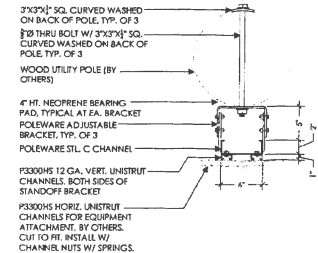
SCALE
NOT TO SCALE 1

UNIT: 100 AMP METER W/ TEST BYPASS
HEIGHT: 24 INCHES
WIDTH: 25 INCHES
DEPTH: 4-5/8 INCHES

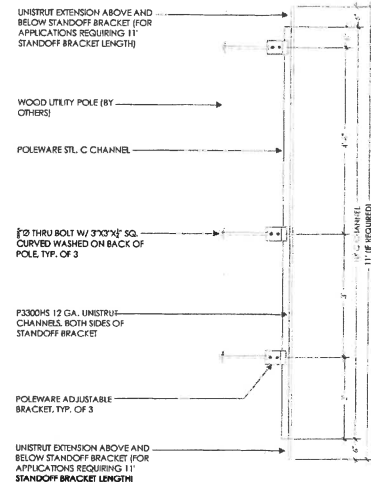


ELECTRIC METER

2



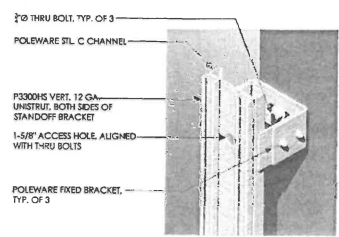
STANDOFF BRACKET PLAN



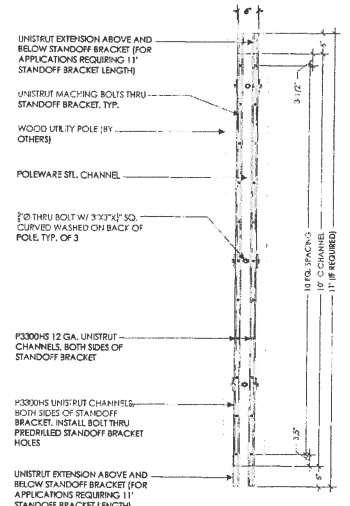
STANDOFF BRACKET SIDE ELEVATION

- NOTE:
1. STANDOFF BRACKET MODEL #1118 (1/2" X 10" X 10") AD-SP AS MFG. BY POLEWARE, LLC. (478) 215-5119. OR EQUAL.
 2. ALL COMPONENTS TO BE SHOP PRIME PAINTED.
 3. UNISTRUT COMPONENTS TO BE MFG. BY UNISTRUT CORPORATION, 1140 W. THORNDALE AVE., IRVING, IL 60143, (800) 448-9510.
 4. HORIZONTAL UNISTRUTS (P3300HS) FOR EQUIPMENT INSTALLATION NOT INCLUDED.
 5. ADJUSTABLE BRACKETS FOR SLANTED POLES AVAILABLE BY SPECIAL ORDER.

STANDOFF BRACKET



STANDOFF BRACKET BRACKET 80



STANDOFF BRACKET FRONT ELEVATION



Verizon Wireless
2785 Mitchell Drive, Suite 9
Walnut Creek, CA 94598

Client:

Maildon Management LLC
785 Oak Grove Road E2
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1.707.392.9924
www.maildonmanagement.com

Project Architect:

ON AIR

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San Francisco, CA 94111
Phone: 707.455.5823
Fax: 707.455.5811

Site Agent:

100% Construction
Drawings

Drawing Phase:

SF ALAMO 011
(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507
PCL #433677

Site Name:

Professional Seal:

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Rev.	Date	Description
01	03/11/18	Const. Draw 90%
02	03/12/18	Const. Draw 100%
03	04/03/18	Const. Draw 100%
04	06/13/18	Const. Draw 100%

Project No.:

Date: 08/13/18 Job No.:
Scale: AS SHOWN CAD File:
Designed By: JG Checked: RB

EQUIPMENT
DETAILS

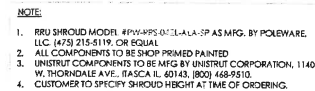
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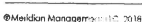
A.6

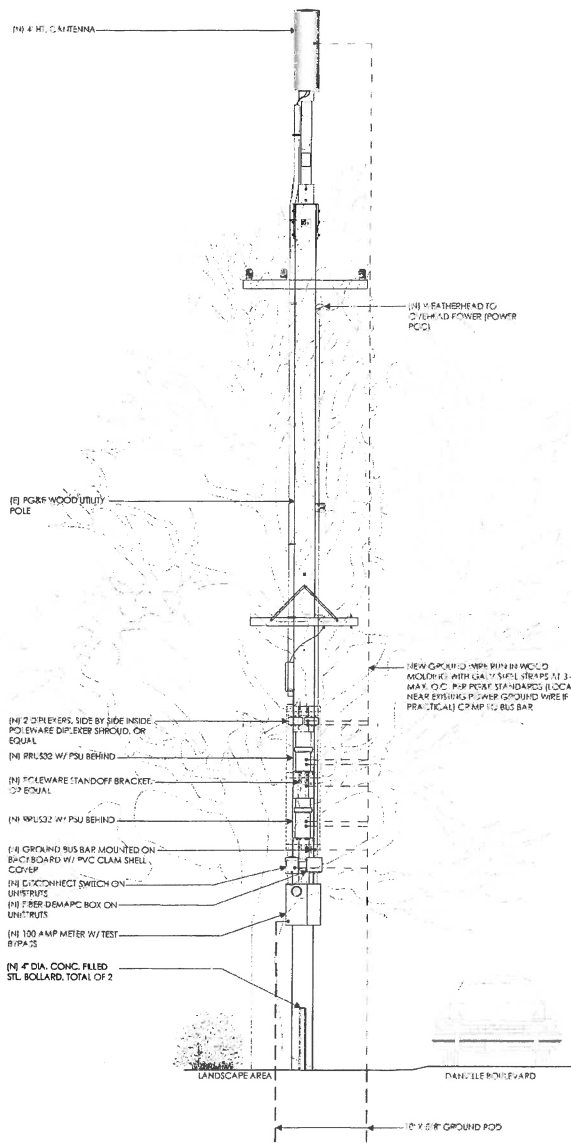
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SCALE
NOT TO SCALE 3

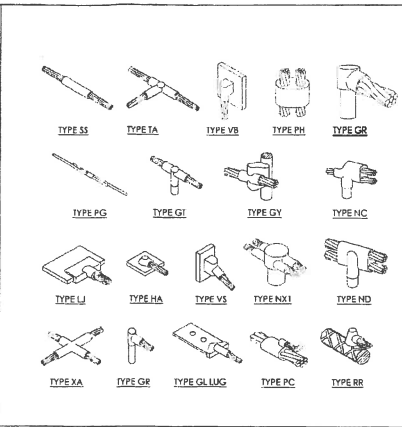




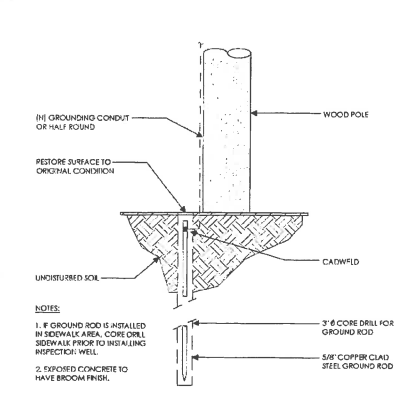


POLE GROUNDING RISER DIAGRAM (TYP.)

SCALE
1/8\"/>

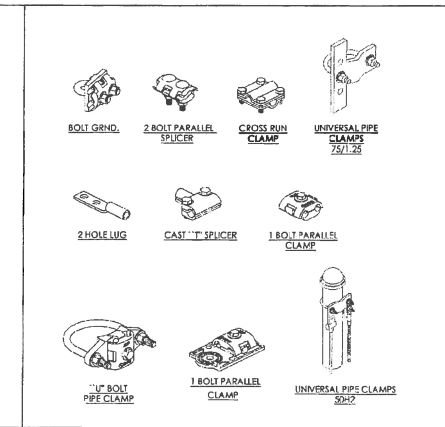


EXOTHERMIC WELD CONNECTION

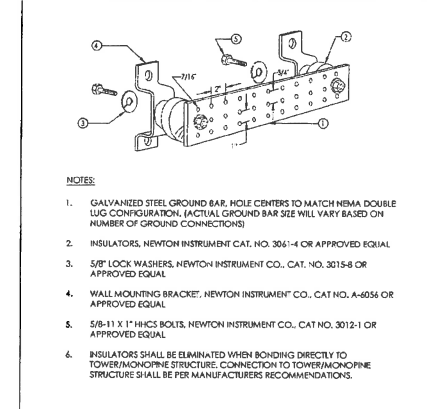


POLE GROUNDING ROD

SCALE
N.T.S.

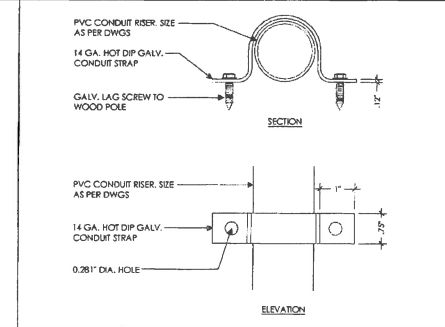


MECHANICAL CONNECTION



BUSS BAR

SCALE
N.T.S.



POLE CONDUIT STRAP

SCALE
N.T.S.

verizon
Verizon Wireless
2783 Mitchell Drive, Suite 9
Walnut Creek, CA 94598

Client:

MM Meridian Management LLC
785 Oak Grove Road #2
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www.meridianmanagement.com

Project Architect:

ON AIR
485 Pied E. Hwy, Suite 101
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Fax: 707.225.0871

Site Agent:

100% Construction
Drawings
Drawing Phase:

SF ALAMO 011
(NEAR) 401 HORSETRAIL CT
ALAMO, CA 94507
PSL #433477

Site Name:

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ELECTRICAL DETAILS
Sheet Title:
E.2
Sheet No.:
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



POLE CONDUIT STRAP

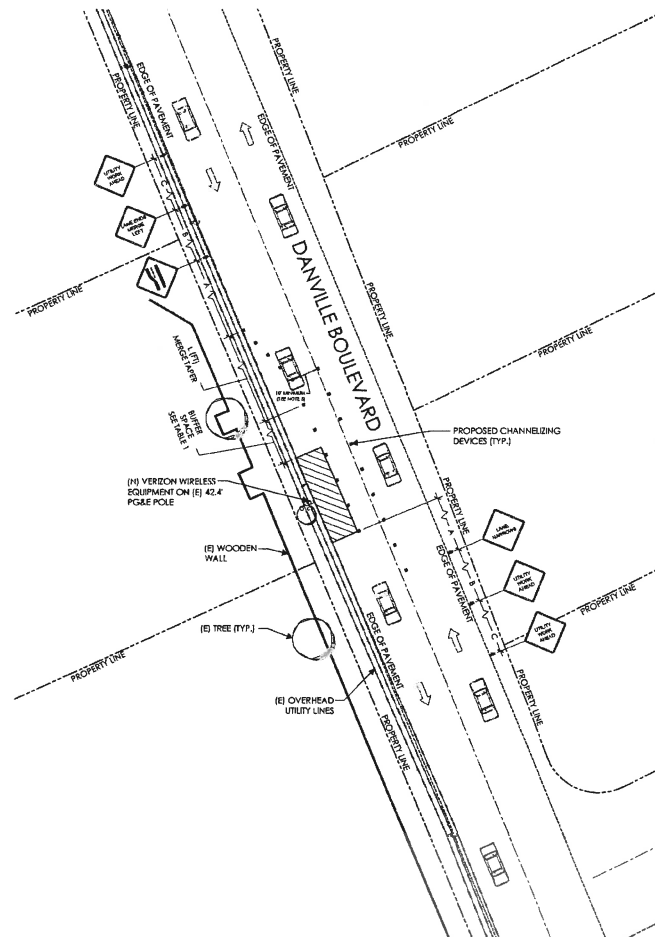
SCALE
N.T.S.

PLAN NOTES:

1. PLANS DEPICTED ARE GENERAL GUIDELINES FOR TEMPORARY VEHICULAR TRAFFIC CONTROL PLANS (TCP) TO INCLUDE PEDESTRIAN AND WORKER SAFETY. CONTRACTOR IS REQUIRED TO HAVE PREPARED A SITE-SPECIFIC TCP FOR REVIEW AND APPROVAL BY THE HIGHWAY AUTHORITY HAVING JURISDICTION. IF REQUIRED, THE FIRM PREPARING THE TCP SHALL BE AUTHORIZED OR CERTIFIED BY THE AUTHORITY HAVING JURISDICTION.
2. EXTEND CHANNELIZATION DEVICES INTO SHOULDER WHERE APPLICABLE.
3. DISTANCES AS INDICATED IN TABLE 1 SHOULD BE INCREASED FOR CONDITIONS THAT WOULD AFFECT STOPPING. DISTANCES SUCH AS DOWNGRADES OR LIMITED SIGHT DISTANCES. DISTANCES CAN BE DECREASED FOR LOW-SPEED (RESIDENTIAL) AREAS WITH APPROVAL BY THE AUTHORITY HAVING JURISDICTION. NIGHT-TIME WORK IS PROHIBITED UNLESS IT IS REQUIRED AS A CONDITION OF APPROVAL BY THE HIGHWAY AND LOCAL AUTHORITY HAVING JURISDICTION.
4. SHOULDER TAPERS SHOULD BE 1/3 OF THE ON-STREET TAPER LENGTH.
5. MAINTAIN A MINIMUM LANE WIDTH OF 10'.

LEGEND

-  CHANNELIZING DEVICE
-  SIGN
-  WORK SPACE
-  FLAGGER
-  DIRECTION OF TRAFFIC
-  FLASHING ARROW SIGN (FAS)



DOT NOTES:

1. WHEN LANE CLOSURE IS REQUIRED, THE TRAFFIC CONTROL PLAN SHOULD BE PROVIDED AND NOTARIZED BY AN INDIVIDUAL/COMPANY THAT HAS FLAGGER CONTROL TRAINING CERTIFICATION.
2. "BLUE-LIGHTS" (OFF-DUTY POLICE OFFICERS) WILL BE ON SITE FOR LANE CLOSURES AND IF REQUIRED.

1 SIGN 1 FLAGGER

POSTED SPEED (MPH)	DISTANCE BETWEEN SIGNS			TAPER	BUFFER
	A	B	C		
15	100'	100'	100'	45'	100'
20	100'	100'	100'	50'	115'
25	100'	100'	100'	125'	155'
30	200'	200'	200'	150'	200'
35	200'	200'	200'	245'	250'
40	350'	350'	350'	320'	305'
45	350'	350'	350'	540'	360'
50	500'	500'	500'	600'	425'
55	500'	500'	500'	660'	495'
60	500'	500'	500'	720'	570'
65	500'	500'	500'	780'	645'

NOTES:
A) DISTANCES IN FEET UNLESS OTHERWISE NOTED.
B) CONTRACTOR TO VERIFY EXISTING SPEED LIMIT.
C) DISTANCES SHOWN ARE NOT VALID FOR LIMITED ACCESS HIGHWAYS. CONSULT STATE DOT MANUAL FOR DISTANCES.
D) ADJUST DISTANCES TO COMPLY WITH REQUIREMENT OF THE STATE OR LOCAL HIGHWAY AUTHORITY HAVING JURISDICTION. SEE NOTE 1, SHEET TC-2.
E) TAPER LENGTHS SHOWN BASED ON 12' LANE WIDTH.

verizon

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Professional Engineer
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San Francisco, CA 94107
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Fax: 415.398.6511

Site Agent:

100% Construction
Drawings

(E) LIGHT POLE
Drawing Phase:

SF ALAMO 011

(HEAR) 401 HORSESHOE CT
ALAMO, CA 94507
PSL # 433677

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Project No.:

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Designed By: JG Checked: RB

**SITE SPECIFIC VEHICLE
TRAFFIC CONTROL PLAN**

Sheet Title:

TC.1

Sheet No.:

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OVERALL SITE PLAN

20' 10' 0' 10' 20' SCALE 1" = 20'

