

SUNNYVALE 007

A/F 1055 DUNFORD WAY **SUNNYVALE, CA 94087** STRUCTURE TYPE: UTILITY POLE **LOCATION CODE: 427812**

PROJECT DESCRIPTION

THIS IS AN UNMANNED WIRELESS TELECOMMUNICATION FACILITY FOR VERIZON WIRELESS SYSTEMS CONSISTING OF THE INSTALLATION AND OPERATION OF AN ANTENNA AND ASSOCIATED EQUIPMENT. SCOPE OF WORK CONSISTS OF THE

- INSTALL (1) (N) CANISTER ANTENNA ON (E) UTILITY POLE.
 INSTALL (1) (N) POWER CABINET CAGE.
 INSTALL (3) (N) RRU UNITS INSIDE (N) POWER CABINET CAGE.
 INSTALL (N) FCC SIGNAGE ON (E) UTILITY POLE.

- INSTALL (N) BUSS BAR INSIDE (N) POWER CABINET CAGE.
 INSTALL (N) CONDUIT FOR POWER, FIBER AND COAX.
 INSTALL (1) (N) UTILITY DISCONNECT SWITCH ON (N) POWER CABINET CAGE.
 INSTALL (1) (N) ELECTRICAL METER ON (N) POWER CABINET CAGE.

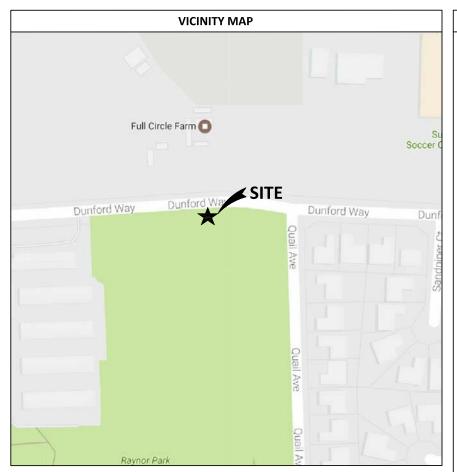
SITE COMPLETION CHECKLIST

- SPACING OF SUPPORT ELEMENTS-SUPPORT EQUIPMENT (E.G. METER, LOAD CENTER AND RRUS) TO BE CLUSTERED (VERTICALLY) AS CLOSE AS IS TECHNICALLY FEASIBLE ON
- FCC MANDATED RF WARNING SIGNAGE SHALL FACE OUT TO STREET WHEN PLACED IN FRONT OF, OR NEAR A WINDOW. SIGNAGE SHALL FACE TOWARD BUILDING IF THERE IS
- · PROPOSED UTILITY ROUTES TO BE DETERMINED BY UTILITY PROVIDER

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 COVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

- 1) 2016 CALIFORNIA BUILDING CODE (CBC) WITH CALIFORNIA AMENDMENTS, BASED ON THE
- 2) 2016 CALIFORNIA RESIDENTIAL CODE (CRC) WITH APPENDIX H, PATIO COVERS, BASED ON THE 2009 IRC
- 3) 2016 CALIFORNIA HISTORICAL BUILDING CODE (CHBC)
- 4) 2016 CALIFORNIA EXISTING BUILDING CODE (CEBC), BASED ON THE 2009 IEBC
- 5) 2016 CALIFORNIA GREEN BUILDINGS STANDARDS CODE (CGBSC)
- 6) 2016 CALIFORNIA FIRE CODE (CFC), BASED ON THE 2009 IFC, WITH CALIFORNIA
- 7) 2016 CALIFORNIA MECHANICAL CODE (CMC), BASED ON THE 2009 UMC
- 8) 2016 CALIFORNIA PLUMBING CODE (CPC), BASED ON THE 2009 UPC
- 9) 2016 CALIFORNIA ELECTRICAL CODE (CEC) WITH CALIFORNIA AMENDMENTS, BASED ON THE 2008 NEC
- 10) 2016 CALIFORNIA ENERGY CODE (CEC)
- 12) 2015 NFPA 101, LIFE SAFETY CODE
- 13) 2015 NFPA 72, NATIONAL FIRE ALARM CODE
- 14) 2015 NFPA 13, FIRE SPRINKLER CODE
- 15) G.O. 95



RADIO FREQUENCY DATA PLAN XX/XX/XXXX

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

THESE DRAWINGS ARE FORMATTED TO BE FULL SIZE AT 24" x 36". CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOBSITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.



PROJECT TEAM

APPLICANT/LESSEE:

PH: (650) 759-1377 EMAIL: jennifer.haas@verizonwireless.com

SITE ACQUISITION MANAGER:

THE CBR GROUP 841 ARNOLD DRIVE, SUITE A MARTINEZ, CA 94553 CONTACT: STEVE PIPER

VERIZON WIRELESS VERKLEDS
2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
CONTACT: DENNIS RAINES
PH: (707) 514-5700
EMAIL: Dennis.Raines@verizonwireless.com

ENGINEER:

THE CBR GROUP 841 ARNOLD DRIVE, SUITE A MARTINEZ, CA 94553 CONTACT: MATT FREEDMAN PH: (925) 798-2100 EMAIL: matt@thecbrgroup.com

RF ENGINEER:

VERIZON WIRELESS
2785 MITCHELL DRIVE, BLDG 9
WALNUT CREEK, CA 94598
CONTACT: BENJAMIN SANTA MARIA
EMAIL: Benjamin.SantaMaria@verizonwirel

PROJECT INFORMATION

SITE INFORMATION:

SITE ADDRESS:

SITE NUMBER: 427812 SITE NAME: SUNNYVALE 007

> A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

A.P.N. NUMBER: PUBLIC ROW

CURRENT USE: UTILITY POLE

PROPOSED USE: UTILITY POLE AND TELECOMMUNICATIONS FACILITY

CITY OF SUNNYVALE JURISDICTION LATITUDE: 37.345369

TOPOGRAPHIC SURVEY

A-3 EXISTING AND PROPOSED WEST ELEVATION

EXISTING AND PROPOSED NORTH ELEVATION

OVERALL SITE PLAN

LONGITUDE: -122.006186 GROUND ELEVATION:

T-1 TITLE SHEET

PM-1 PARCEL MAP

LS-1

A-1

A-2

A-4

PROPERTY OWNER: R.O.W.

POWER AGENCY:

SAN FRANCISCO, CA 94105 PH: (800) 743-5000

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verizon 2785 MITCHELL DRIVE SUITE 9 WALNUT CREEK, CA 94598

repared For

Site Number:

Site Address:

SUNNYVALE 007

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

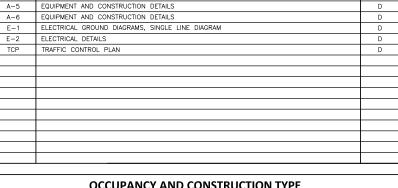
SANTA CLARA COUNTY

GROUP

CONSTRUCTION

D	08/21/18	DESIGN CHANGE PER JX	JC
С	07/02/18	PLANNING COMMENTS	JC
В	07/06/17	100% CD'S FOR REVIEW	w
Α	06/09/17	90% CD'S FOR REVIEW	А
REV	DATE	DESCRIPTION	В

TITLE SHEET



SHEET INDEX

EXISTING AND PROPOSED EQUIPMENT AND ANTENNA PLANS

OCCUPANCY AND CONSTRUCTION TYPE

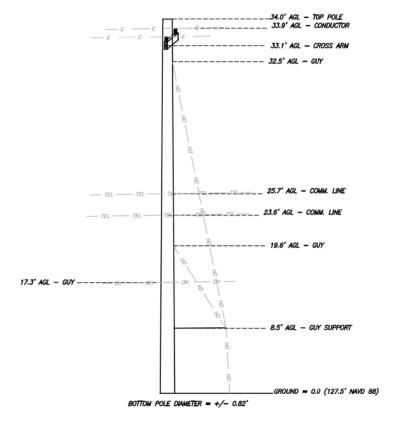
OCCUPANCY: S-2 (UNMANNED)

CONSTRUCTION TYPE: IIB

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, ACCESSIBILITY ACCESS AND REQUIREMENTS ARE NOT REQUIRED, IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, PART 2, TITLE 24, SECTION 1103B.1, EXCEPTION 4 TO SECTION 134B.2.1, EXCEPTION 4



APN: 313-10-004 C/L DUNFORD WAY C/L WOOD POLE LAT = 37" 20' 43.33" N NAD83 LON = 122" 00' 22.27" W NAD83 GROUND ELEV. = 127.5' NAVD88 TOP/POLE ELEV. = 161.5' NAVD88 E SIDEWAK E APN: 313-24-031 __ x ___ x ___BACKSTOP__ x ___ x ___ x ___ x ___ x ___ x TOP POLE DIAMETER = +/- 0.56'



JOINT POLE DETAIL N. T. S.

GEODETIC LOCATION

DATE OF SURVEY: MAY 17 2017 SITE NUMBER / NAME: SUNNYVALE 007
TYPE: EXISTING WOOD UTILITY POLE
SITE ADDRESS: SOUTH SIDE OF DUNFORD WAY
WEST OF QUAL AVE.
SUNNYVALE, CA, 94087

I, TIMOTHY SCHAD, HEREBY CERTIFY THE GEODETIC COORDINATES AT THE CENTER OF THE EXISTING WOOD UTILITY POLE TO BE:

LATITUDE= 37° 20' 43.33" NORTH (NAD83) (37.345369° NORTH) LONGITUDE= 122° 00' 22.27" WEST (NAD83) (122.006186° WEST)

GROUND ELEVATION= 127.5' NAVD88 (0.0' A.G.L.) TOP/POLE ELEVATION= 161.5' NAVD88 (34.0' A.G.L.)

THE ACCURACY STANDARDS FOR THIS CERTIFICATION ARE AS FOLLOWS:

GEODETIC COORDINATES: +/- FIFTEEN (15) FEET (NAD-83) ELEVATIONS: +/- THREE (3) FEET (NAVD-88)

SURVEY NOTES

1. ALL LATITUDES AND LONGITUDES ARE NAD 83, ALL ELEVATIONS ARE NAVD 88 (UNLESS NOTED OTHERWISE).

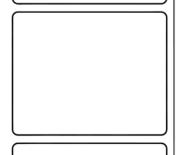
2. ALL BOUNDARY INFORMATION SHOWN HEREON HAS BEEN COMPILED FROM RECORD DATA. THIS IS NOT A BOUNDARY SURVEY.

3. DATE OF FIELD SURVEY MAY 17, 2017.

4. NO PRELIMINARY TITLE REPORT HAS BEEN PROVIDED, ANY EASEMENTS OR OTHER TITLE RELATED ISSUES NOT INCLUDED IN SAID REPORT WHICH ARE PART OF THE TITLE PROCESS MAY OR MAY NOT HAVE BEEN ADDRESSED. TIMOTHY F. SCHAD, L.S. ACCEPTS NO RESPONSIBILITY OR LIABILITY FOR BOUNDARY OR TITLE ITEMS ADDRESSED HEREON. THIS IS NOT A BOUNDARY SURVEY.

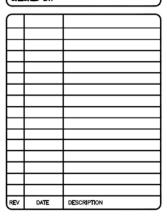


ATTACHMENT 8 Page 2 of 13



TIMOTHY SCHAD, L.S. 10699 ROUND VALLEY RD. GRASS VALLEY, CA. 95949 PHONE: (530) 271-7477 FAX: (530) 271-7377

PROJECT NO:
DRAWN BY:
CHECKED BY:





SUNNYVALE 007 SOUTH SIDE DUNFORD WAY WEST OF QUAIL AVE. SUNNYVALE, CA. 94087 EXISTING UTILITY POLE ADJACENT TO APN:313-24-031

SHEET TITLE **UTILITY POLE EXHIBIT**

SHEET NUMBER

LS-1

JOINT POLE - R/W EXHIBIT



Prepared For:

Site Number:

427

SUNNYVALE 007

e Address:

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

County:

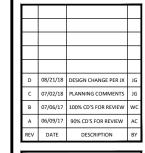
SANTA CLARA COUNTY





UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONA ENGINEER, TO ALTER THIS DOCUMENT.

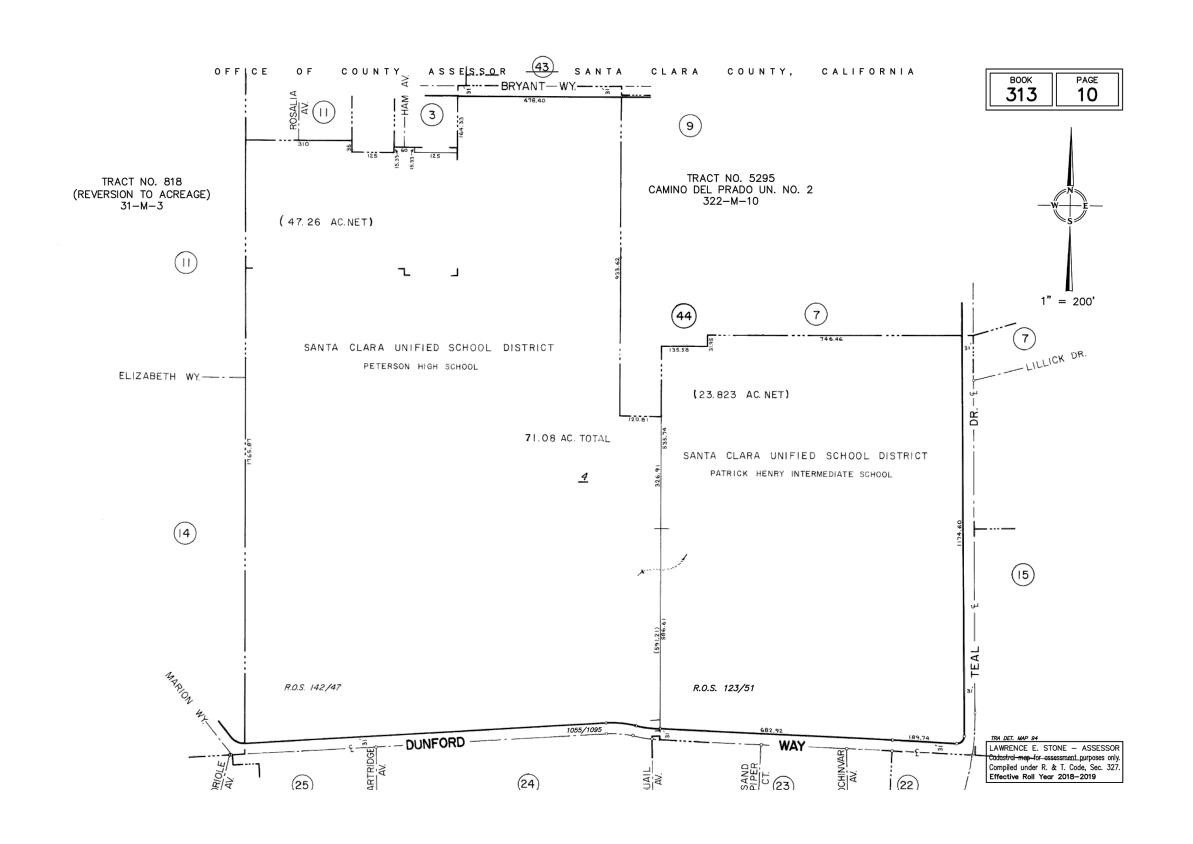
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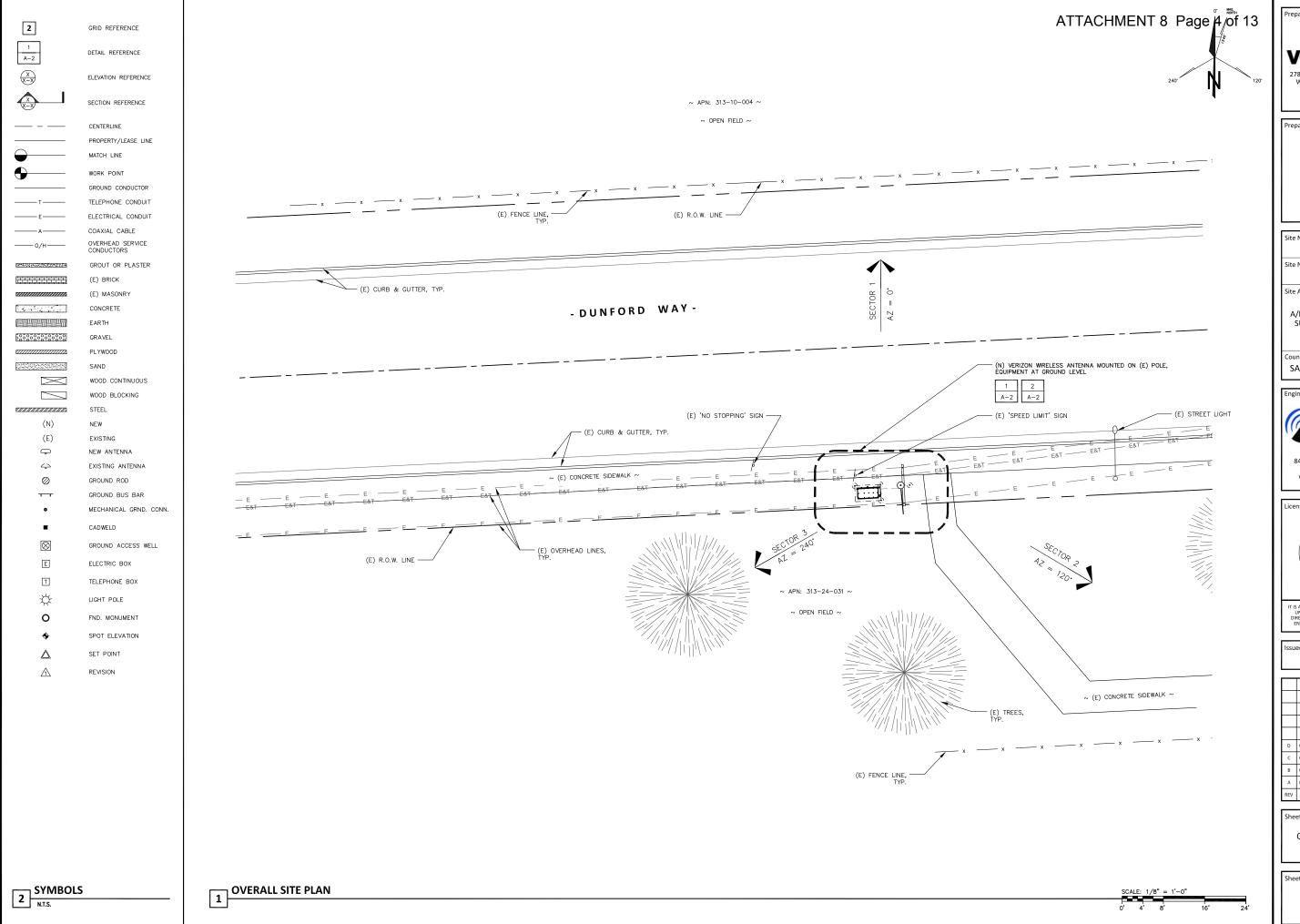


Sheet Titl

PARCEL MAP

PM-1







Site Number: 427812

SUNNYVALE 007

Site Address:

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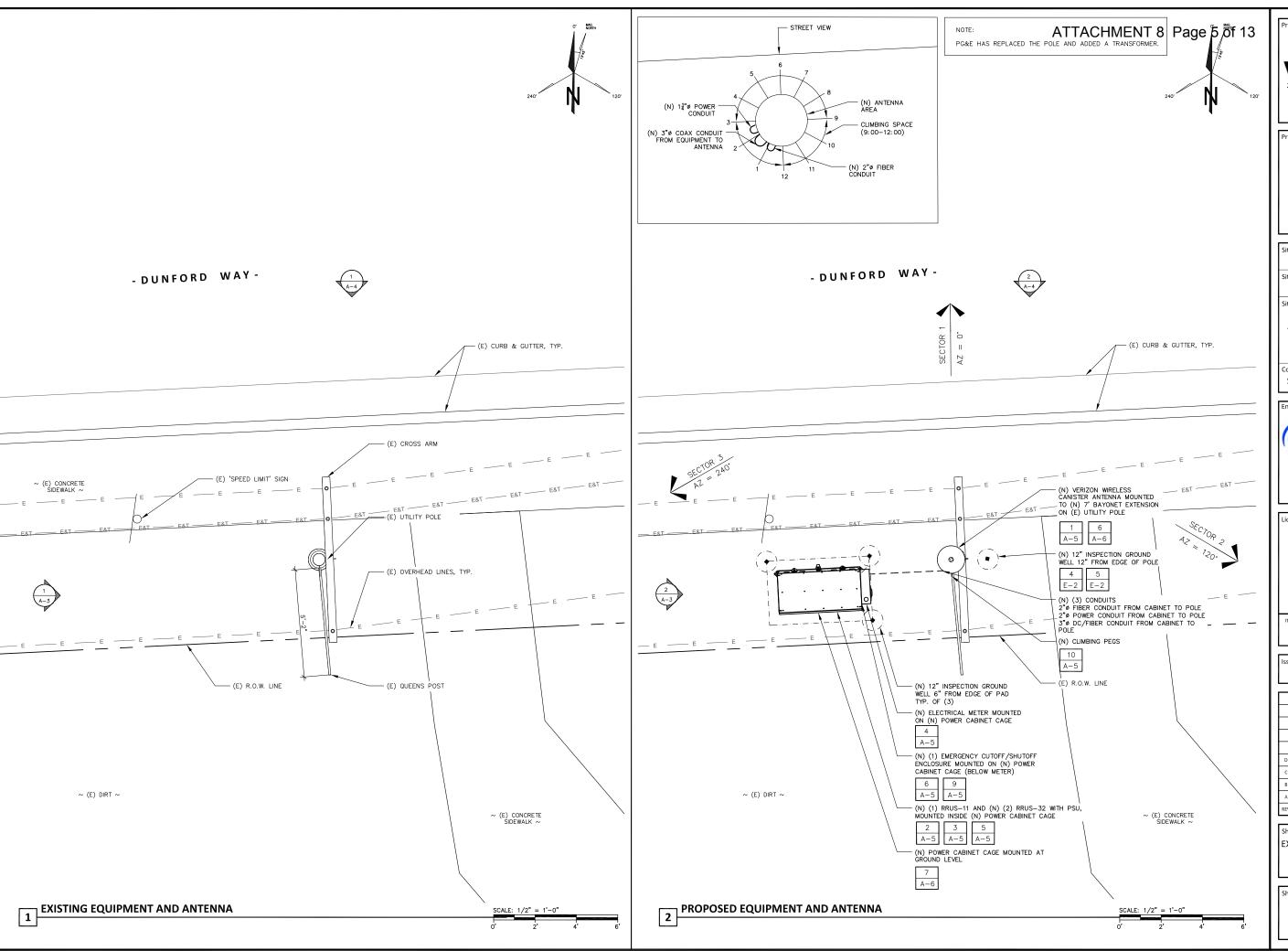


CONSTRUCTION

D	08/21/18	DESIGN CHANGE PER JX	JG
U	07/02/18	PLANNING COMMENTS	JG
В	07/06/17	100% CD'S FOR REVIEW	wc
Α	06/09/17	90% CD'S FOR REVIEW	AC
REV	DATE	DESCRIPTION	ВҮ

Sheet Title:

OVERALL SITE PLAN



Prepared For:



Prepared For

Site Number:

427812

SUNNYVALE 007

Site Address:

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

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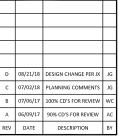
Licensor:



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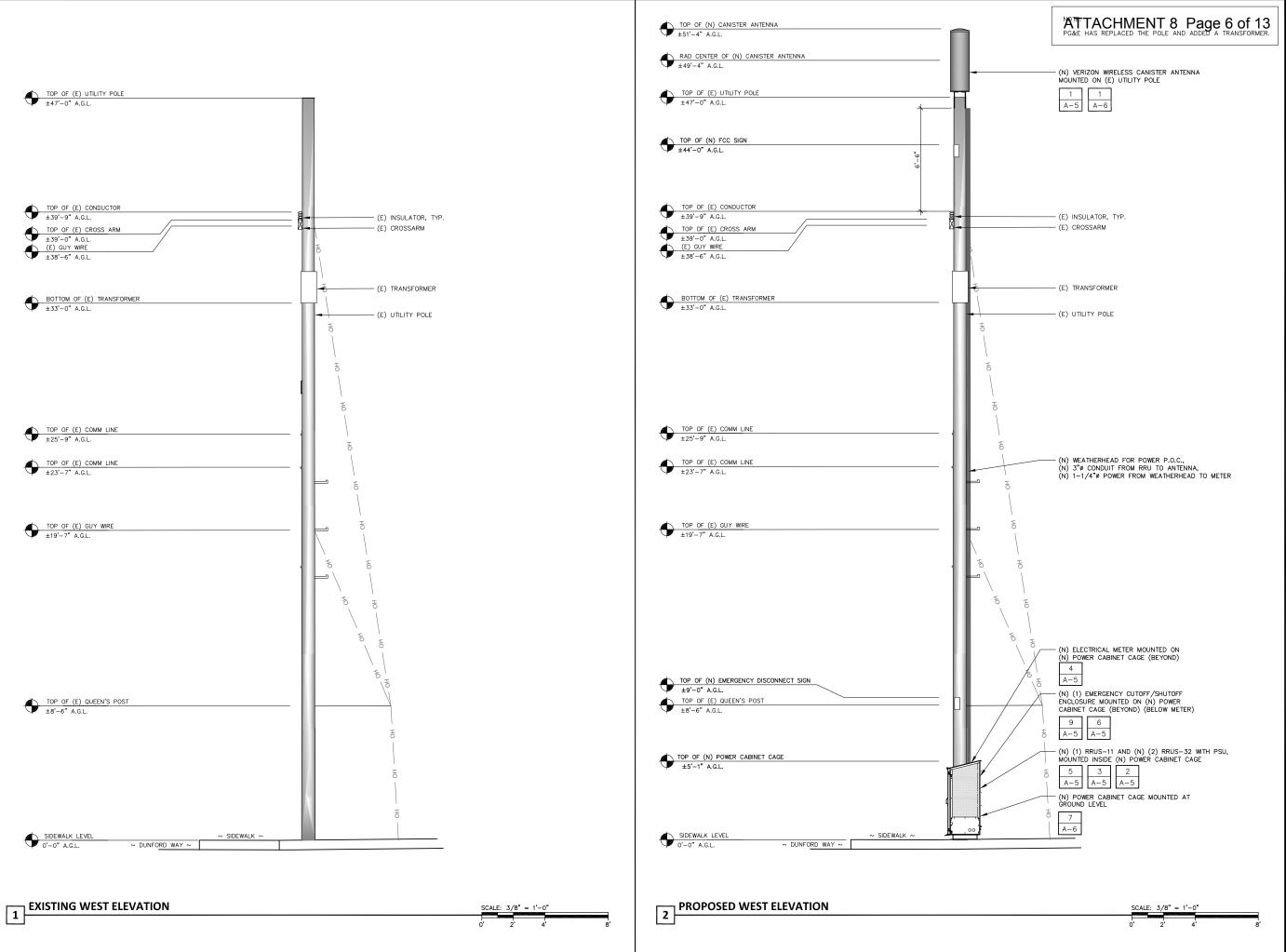
CONSTRUCTION



Sheet Title

EXISTING AND PROPOSED EQUIPMENT AND ANTENNA PLANS

Sheet Number



Prepared For



2785 MITCHELL DRIVE, SUITE 9 WALNUT CREEK, CA 94598

Prepared For:

Site Number:

to Name:

SUNNYVALE 007

Site Address:

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

unty:

SANTA CLARA COUNTY

Engineer:



MARTINEZ, CA 94553 www. TheCBRGroup.com

Licensor:



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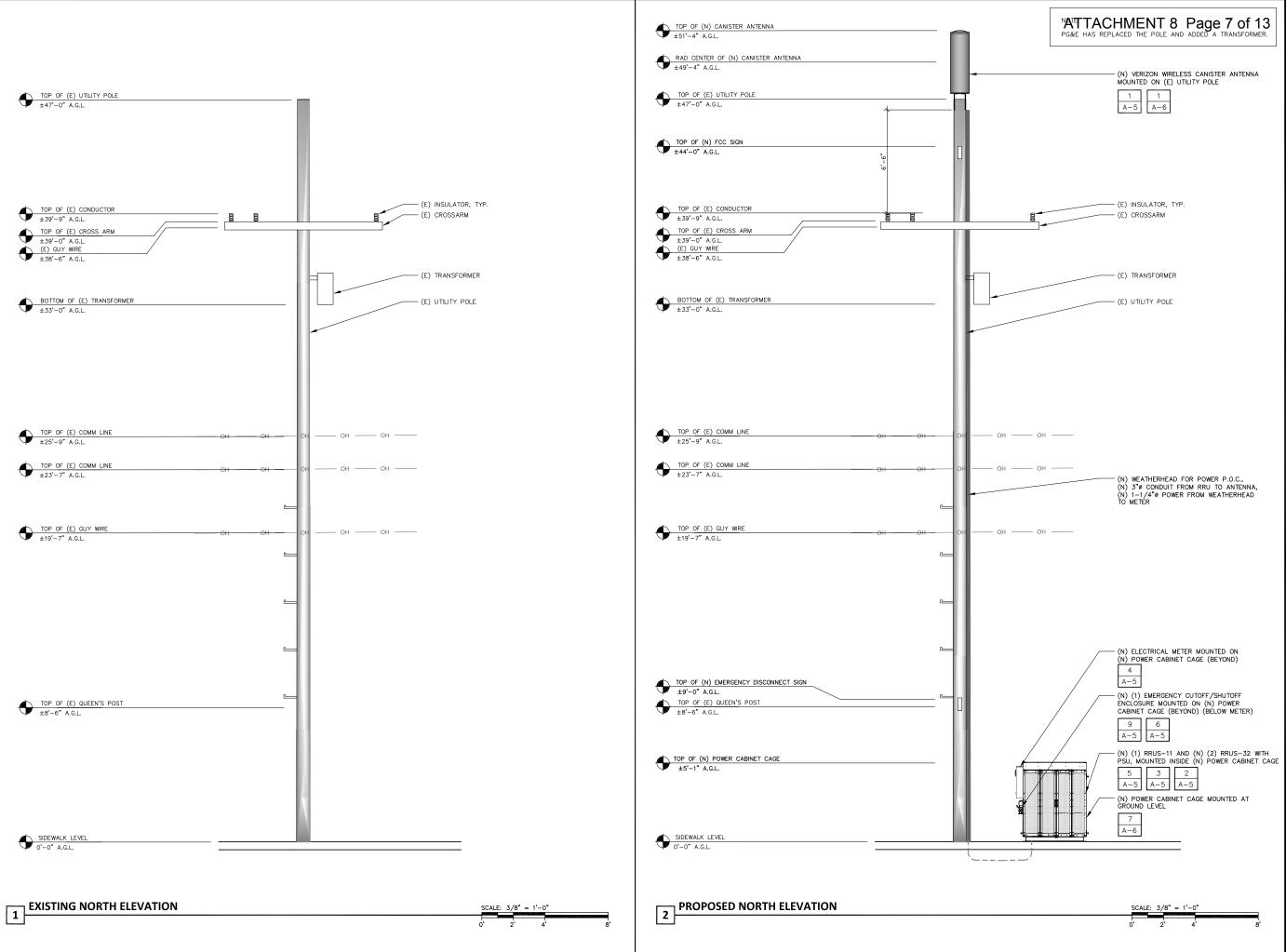
CONSTRUCTION

D	08/21/18	DESIGN CHANGE PER JX	JG
С	07/02/18	PLANNING COMMENTS	JG
В	07/06/17	100% CD'S FOR REVIEW	wc
Α	06/09/17	90% CD'S FOR REVIEW	AC
REV	DATE	DESCRIPTION	BY

Sheet Title:

EXISTING AND PROPOSED WEST ELEVATIONS

Sheet Number



Prepared For



2785 MITCHELL DRIVE, SUITE 9 WALNUT CREEK, CA 94598

Prepared For:

Site Number:

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SUNNYVALE 007

Address:

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nty:

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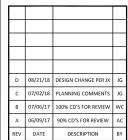
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No C-86844 Exp. 3/31/19

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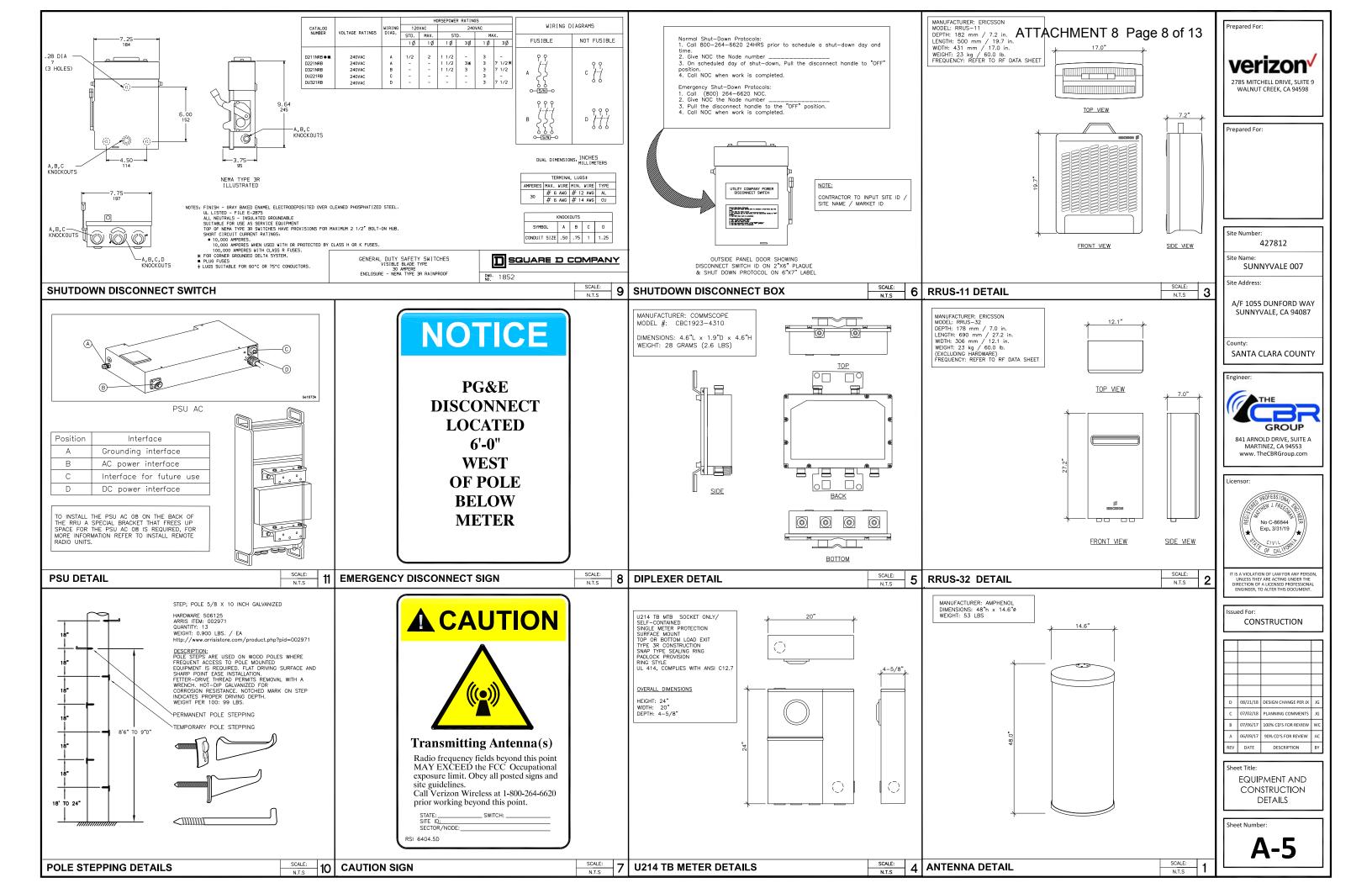
CONSTRUCTION

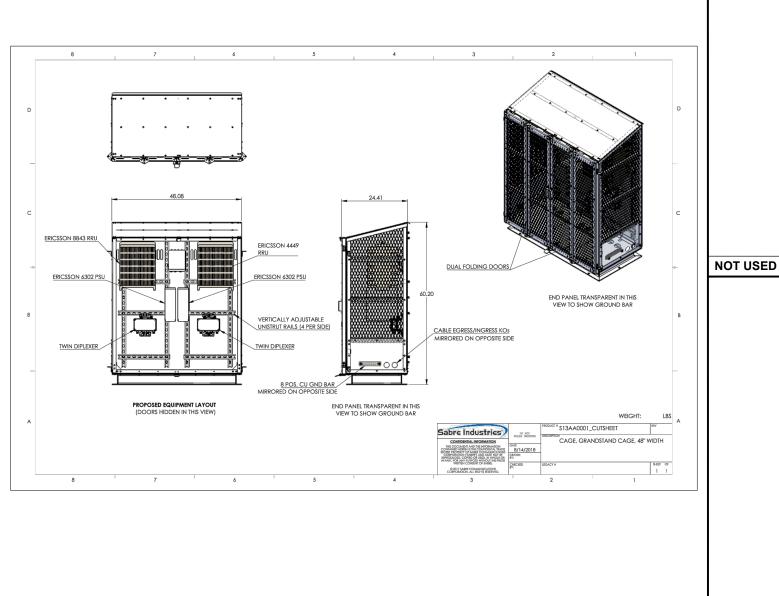


Sheet Title:

EXISTING AND PROPOSED NORTH ELEVATIONS

Sheet Number





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CONCRETE AND REINFORCING STEEL NOTES:

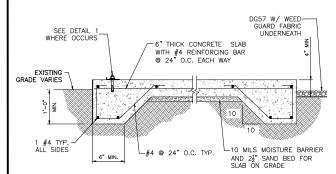
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301, ACI 318, ACI 336, ASTM A184. ASTM A185 AND THE DESIGN AND CONSTRUCTION SPECIFICATION PER CAST—IN-PLACE CONCRETE.
- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS, UNLESS NOTED OTHERWISE.
- 3. REINFORCING STEEL SHALL CONFORM TO ASIM A615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASIM A185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES SHALL BE CLASS "B" AND ALL HOOKS SHALL BE STANDARD, UNO.
- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL 4. UNLESS SHOWN OTHERWISE ON DRAWINGS:

#6 AND LARGER2 IN. #5 AND SMALLER & WWF1 1/2 IN. CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:

- A CHAMFER 3/4" SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE, UNO, IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
- 6. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR ENGINEERING APPROVAL WHEN DRILLING HOLES IN CONCRETE. EXPANSION BOLTS SHALL BE PROVIDED BY RAMSET/REDHEAD OR APPROVED EQUAL, UNLESS NOTED OTHERWISE. SPECIAL INSPECTIONS, WHEN REQUIRED BY GOVERNING CODES SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS.

GRAVEL SHALL BE NATURAL OR CRUSHED STONE WITH 100% PASSING 1 INCH SIEVE.

DIMENSIONS SHOWN ARE EXACT MINIMUM PAD SIZES REQUIRED FOR EQUIPMENT LAYOUTS — CONTRACTOR MAY ROUND UP TO THE NEAREST FOOT (OR HALF FOOT) IF LEASE 8. AREA AND SPACE PERMIT.



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Prepared For:

Prepared For:

Site Numbe

Site Address:

SUNNYVALE 007

A/F 1055 DUNFORD WAY

SUNNYVALE, CA 94087

SANTA CLARA COUNTY

verizon

2785 MITCHELL DRIVE SUITE WALNUT CREEK, CA 94598



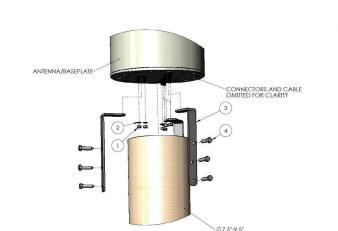
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В	07/06/17	100% CD'S FOR REVIEW	wc
А	06/09/17	90% CD'S FOR REVIEW	AC
REV	DATE	DESCRIPTION	ВУ

EQUIPMENT AND CONSTRUCTION DETAILS

SCALE: N.T.S SCALE: 2 **NOT USED POWER CABINET CAGE DETAIL** 4 CONCRETE PAD DETAIL

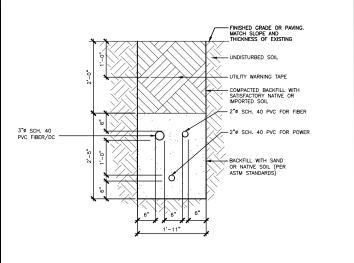


WB3X-MKS-01 ANTENNA MOUNT DETAIL

WB3X-MKS-01

Utility Pole Mounting Kit for Cylindrical Antennas

Step 1	Attach pole mount brackets (Item 3) to antenna/b fasteners (Items 1 and 2). Tighten to 15 N-m (11 t	
Step 2	Attach pole mount brackets (Item 3)/antenna asseutility pole using (ag screws (Item 4).	mbly to custome
Step 3	Make all electrical connections weatherproof with self-amalgamating tape.	
Parts List	Description	Quantity
Item 1	Nut Hex, 3/8-16 HDG	- 6
Item 2	Lock Washer 3/8 HDG	6
Item 3	Pole Mount Bracket	3
Item 4	Galvanized Hex Lag Screw (1/2 x 2" Long)	9
Mechanical	Characteristics	
Weight	2.7 kg (6 lbs)	



-WASHER, LOCK -WASHER, FLAT -INSULATING WASHER -1/2"ø HILTI KWIK BOLT TZ WITH 2 1/2" (MIN.) EMBEDMENT DEPTH PER ICC-ESR #1917

SCALE: 6 TRENCH DETAIL

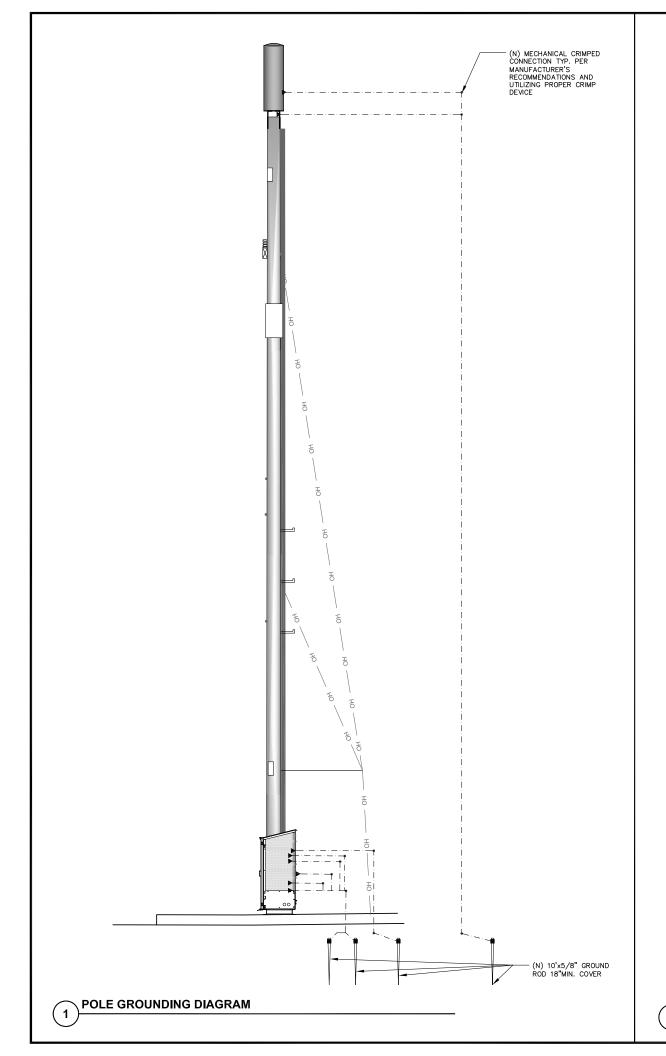
SCALE: 5

SCALE: N.T.S 3 ANCHORAGE DETAIL

(STAINLESS STEEL)

SCALE:

N.T.S



ATTACHMENT 8 Page 10 of 13

POWER AND TELCO CONNECTIONS:

- POWER AND TELCO POINT OF CONNECTION AND ROUTE ARE PRELIMINARY AND SUBJECT TO CHANGE TO CONFIRMATION BY THE UTILITY COMPANIES RESPECTIVELY.
 CONTRACT SHALL COORDINATE WITH UTILITY COMPANY FOR FINAL AND EXACT WORK/MATERIALS REQUIREMENTS AND CONSTRUCT TO UTILITY ENGINEERING PLAN AND SPECIFICATIONS ONLY WHERE APPLICABLE PRE PROJECT SCOPE OF WORK.
 CONTRACT SHALL FURNISH AND INSTALL CONDUIT, PULL WIRES, CABLE PULL BOXES, CONCRETE ENCASEMENT OF CONDUIT, TRANSFORMER PAD, BARRIERS, RISER TRENCHING PLAN AND MICHIES AND MICHIES PROJECTED.
- TRENCHING, BACK FILL AND UTILITY FEES, AND INCLUDE REQUIREMENTS IN THE
- 4. CONTRACTOR SHALL LABEL ALL MAIN DISCONNECT SWITCHES AS REQUIRED BY CODE.

POWER AND TELCO CONNECTIONS:

- 1. SUBCONTRACTOR SHALL PROVIDE METER WITH DIST. PANEL AND BREAKERS FOR POWER TO THE BTS UNITS AND THE BTS/UTILITY CABINET.
 2. ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C. AND UTILITY COMPANY AND LOCAL CODE REQUIREMENTS.
 3. SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE ENTRANCE EQUIPMENT WITH FAULT CURRENT RATINGS GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY.
 4. FIELD ROUTE CONDUIT TO CABINETS AS REQUIRED.
 5. MAXIMUM ONE WAY CIRCUIT RUN NOT TO EXCEED 75 FEET.

- PROVIDE ALL ELECTRICAL WORK & MATERIALS AS SHOWN ON THE DWGS, AS CALLED FOR HEREIN, & AS IS NECESSARY TO FURNISH A COMPLETE INSTALLATION.
 THE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ADOPTED CALIFORNIA ELECTRICAL CODE, STATE OF CALIFORNIA TITLE24, ALL OTHER APPLICABLE CODES AND ORDINANCES & THE REQUIREMENTS OF THE FIRE MARSHALL. ALL EQUIPMENT & WIRING SHALL BEAR
- THE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT ADOPTED CALIFORNIA ELECTRICAL CODE, STATE OF CALIFORNIA TITLEZ4, ALL OTHER APPRICABLE CODES AND ORDINANCES & THE REQUIREMENTS OF THE FIRE MARSHALL ALL EQUIPMENT & WRINING SHALL BEAR THE APPROVAL STAMP OF UNDERWRITERS LABORATORY (UL) OR AN APPROVED TESTING LABORATORY, PAYMENT FOR ALL INSPECTION FEES AND PERMITS ARE PART OF THIS CONTRACT.

 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND GOOD CONDITION OF ALL MATERIALS & EQUIPMENT FOR THE ENTIRE INSTALLATION & UNIT COMPLETION OF WORK, ERECT & MAINTAIN APPROVED & SUITABLE BARRIERS, PROTECTIVE DEVICES & WARNING SIGNS, BE FULLY RESPONSIBLE FOR ANY LOSS OR INJURY TO PERSONS OR PROPERTY RESULTING FROM NEGLIGENCE AND/OR ENFORCEMENT OF ALL SAFETY PRECAUTIONS & WARNINGS.

 COORDINATE THE ELECTRICAL INSTALLATION WITH ALL OTHER TRADES.

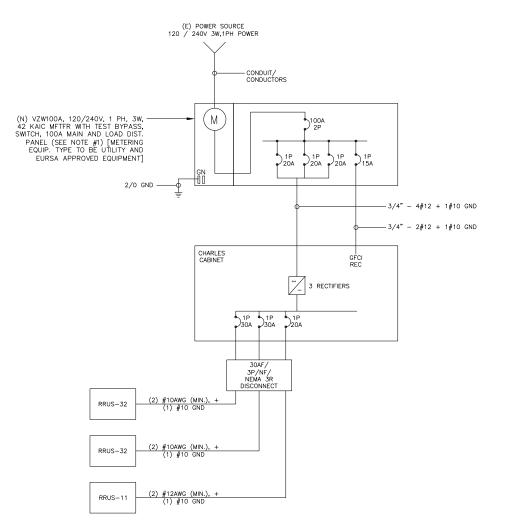
 ALL SAW CUTTING, TRENCHING, BACK FILLING & PATCHING SHALL BE PART OF THIS CONTRACT.

 FINALIZE ALL ELECTRICAL SERVICE ARRANGEMENTS, INCLUDING VERIFICATION OF LOCATIONS, DETAILS, COORDINATION OF THE INSTALLATION & PAYMENT OF ACCRUED CHARGES WITH LOCAL POWER COMPANY, VERIFY LOCATION FOR FACILITIES & DETAILS WITH POWER UTILITY, IN ADDITION TO THE REQUIREMENTS SHOWN IN THE CONTRACT DOCUMENTS, WORK SHALL COMPLY INT CONSTRUCTION STANDARDS & SERVICE REQUIREMENTS OF THE RESPECTIVE UTILITIES, INCLUDING ANY SUPPLEMENTAL DWGS ISSUED & SHALL BE SUBJECT TO APPROVAL OF THESE UTILITIES.

 ALL WRING SHALL BE COPPER, INSULATION FOR BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE "THWN" ON "TWN".

 PROVIDE CONDUIT SEALS FOR ALL CONDUITS PENETRATING WEATHERPROOFING OR WEATHERPROOF ENCLOSURE ENVELOPE. MASTIC SEAL ALL CONDUIT OPENING PENETRATIONS COMPLETELY WATERTING WEATHERPROOFING OR WEATHERPROOF ENCLOSURE ENVELOPE. MASTIC SEAL ALL CONDUIT OPENING PENETRATIONS COMPLETELY WATERTING HEATHERPROOFING OR WEATHERPROOF ENCLOSURE ENVELOPE. MASTIC SEAL ALL CONDUIT OPENING PENETRATIONS COMPLETELY WATERTING HEATHER PROVIDED WITH SIMILARLY SIZED FUSIBLE ELEMENT, SWITCHES AND OTHER OUTDOOR EQUIPMENT HUSES SIZED T

- ADDITIONAL GROUND RODS AND/OR CHEMICAL ROD SYSTEM SHALL BE USED TO ACHIEVE THIS REQUIREMENT.



LOAD CALCULATIONS—VERIZON WIRELESS

EXISTING LOAD: 0 AMPS NEW LOAD: 10.0 AMPS MAX NEW TOTAL LOAD: 10.0 AMPS MAX

POWER AND TELCO DESIGN IS BASED ON INITIAL SITE VISIT.

CONTRACTOR SHALL OBTAIN CURRENT UTILITY COORDINATOR PLANS PRIOR TO START OF CONSTRUCTION.

AVAILABLE FAULT CURRENT PER

NOTE: CONTRACTOR TO CHECK WITH UTILITY TO ENSURE ELEC. METER IS BRACED FOR ACTUAL FAULT



2785 MITCHELL DRIVE, SUITE 9 WALNUT CREEK, CA 94598

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Site Number:

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A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

SANTA CLARA COUNTY





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CONSTRUCTION

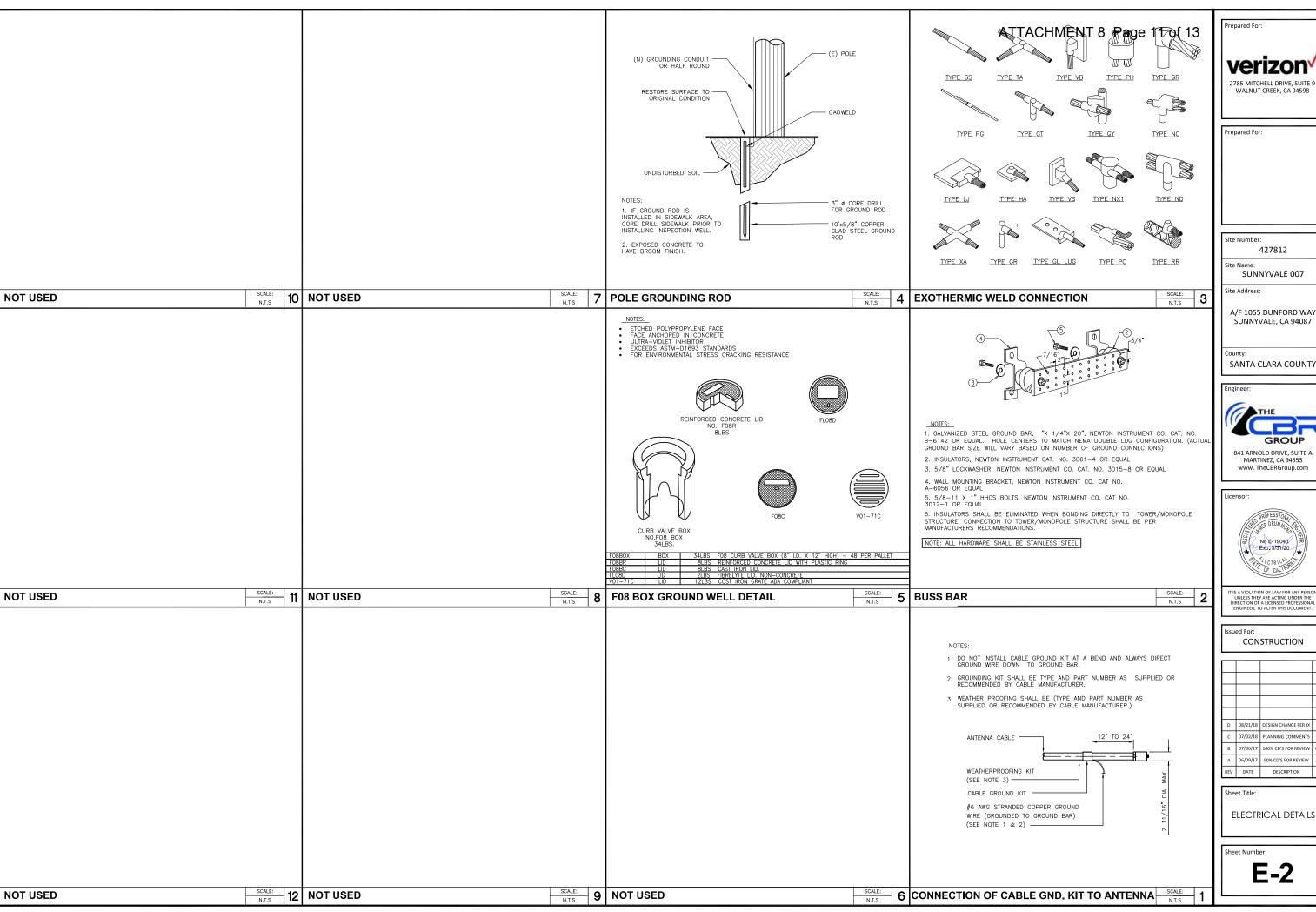
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ı	D	08/21/18	DESIGN CHANGE PER JX	JG
	С	07/02/18	PLANNING COMMENTS	JG
	В	07/06/17	100% CD'S FOR REVIEW	wc
	Α	06/09/17	90% CD'S FOR REVIEW	AC
	REV	DATE	DESCRIPTION	ВҮ

Sheet Title: **ELECTRICAL GROUND** DIAGRAMS, SINGLE LINE DIAGRAM

Sheet Number

E-1

SINGLE LINE DIAGRAM





427812

SUNNYVALE 007

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

SANTA CLARA COUNTY



MARTINEZ, CA 94553 www. TheCBRGroup.com



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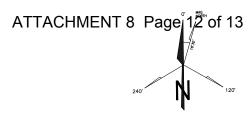
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REV	DATE	DESCRIPTION	ВҮ
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ELECTRICAL DETAILS

Sheet Number

E-2



GENERAL TRAFFIC CONTROL NOTES

TRAFFIC SHALL CONFORM TO THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE 2012 WATCH HANDBOOK.

ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES

ONE LANE OF TRAFFIC IN EACH DIRECTION AND ALL HIGH VOLUME TURNING LANES SHALL BE MAINTAINED AT ALL TIMES ON ALL STREETS AT A MINIMUM LANE WIDTH OF 10 FEET.

ANY CONFLICTING SIGNS, STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED OR COVERED BEFORE TRAFFIC CONTROL IS IN PLACE. ANY SIGN, STRIPING OR PAVEMENT MARKING REMOVED OR COVERED SHALL BE REPLACED WHEN TRAFFIC CONTROL IS NO LONGER NECESSARY.

SAFE PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES.

(N) BARRIER _ E&T

ROAD WORK

WORK AREA

- FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION, ACCESSIBILITY ACCESS AND REQUIREMENTS ARE NOT REQUIRED, IN ACCORDANCE WITH CALIFORNIA STATE ADMINISTRATIVE CODE, PART 2, TITLE 24, SECTION 1103B.1, EXCEPTION 1 & SECTION 1134B.2.1, EXCEPTION 4.
- STREET SIDE PARKING AVAILABLE ON BOTH SIDES OF THE STREET.

TA	TABLE 6H-3 & 6H-4 - FROM THE 2014 CALIFORNIA MUTCD					
POSTED SPEED LIMIT - MPH	MERGING TAPER LENGTH "L" - FEET	SHIFTING TAPER LENGTH "L/2" - FEET	SHOULDER TAPER LENGTH "L/3" - FEET	SIGN SPACING ADVANCE OF TAPER & BETWEEN SIGNS - FEET		
20	80	40	27	100		
25	125	63	42	100		
30	180	90	60	250		
35	245	123	82	250		
40	320	160	107	250		
45	540	270	180	350		
50	600	300	200	350		
55	660	330	220	350		

MAINTAIN DRIVEWAY ACCESS AT ALL TIME

LEGEND

TYPE III BARRICADE W/ SIGN

CHANNELIZING DEVICE

SIGN

SIGNALIZED INTERSECTION

TOW AWAY NO STOPPING ANY TIME

WORK ZONE (ACTIVITY AREA) LIMITS



TRAFFIC CONE WITH CLIP ON SIGN

 ∇

ARROW PANEL (FLASHING ARROW) (WHERE REQUIRED) HIGH LEVEL WARNING DEVICE (FLAGTREE) (OPTIONAL)

FLAGGER

TOW AWAY NO STOPPING ___ TO ___(SHOW HOURS)

DIRECTION OF TRAFFIC (NOT PAVEMENT MARKING)

ROADWAY DESIGNATION (A THROUGH D)





Prepared For

Site Number:

SUNNYVALE 007

427812

Site Address:

A/F 1055 DUNFORD WAY SUNNYVALE, CA 94087

SANTA CLARA COUNTY



841 ARNOLD DRIVE, SUITE A MARTINEZ, CA 94553 www. TheCBRGroup.com



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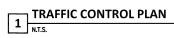
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REV	DATE	DESCRIPTION	BY

TRAFFIC CONTROL PLAN

Sheet Number:

TCP



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- DUNFORD WAY-

(If Required) INSTALL TEMP. NO PARKING SIGNS

