

**SANTA MARIA PUBLIC AIRPORT DISTRICT
BOARD OF DIRECTORS**

**Thursday
February 8, 2018**

**Administration Building
Airport Boardroom
7:00 P.M.**

**REGULAR MEETING
A G E N D A**

This agenda is prepared and posted pursuant to the requirements of the California Government Code Section 54954.2. By listing a topic on this agenda, the Santa Maria Public Airport District has expressed its intent to discuss and act on each item. The Santa Maria Public Airport District welcomes orderly participation at its meetings from all members of the public. This includes assistance under the Americans with Disabilities Act to provide an equally effective opportunity for individuals with a disability to participate in and benefit from District activities. To request assistance with disability accommodation, please call (805) 922-1726. Notification at least 48 hours prior to the meeting would enable the Santa Maria Public Airport District to make reasonable arrangements to ensure accessibility to this meeting.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL: Rafferty, Adams, Engel, Brown, Baskett

- 1. MINUTES OF THE REGULAR MEETING HELD JANUARY 25, 2018.**
- 2. COMMITTEE REPORT(S):**
 - a) AVIATION SUPPORT & PLANNING (Standing or Ad Hoc)**
 - b) ADMINISTRATION & FINANCIAL (Standing or Ad Hoc)**
 - c) MARKETING & PROMOTIONS (Standing or Ad Hoc)**
 - d) CITY & COUNTY LIAISON**
 - e) STATE & FEDERAL LIAISON**
 - f) VANDENBERG LIAISON**
 - g) BUSINESS PARK COMMITTEE (Ad Hoc)**
- 3. GENERAL MANAGER'S REPORT**
- 4. MANAGER OF FINANCE & ADMINISTRATION REPORT**
 - a) Demand Register**
- 5. DISTRICT COUNSEL'S REPORT. (Joshua George and Natalie Frye Laacke)**

6. **PUBLIC SESSION:** Statements from the floor will be heard during public session. Request to Speak forms are provided for those wishing to address the board. After completing the form, please give it to the Clerk. Requests requiring board action will be referred to staff and brought on the next appropriate agenda. Members of the public are cordially invited to speak on agenda items as they occur. Staff reports covering agenda items are available for review in the offices of the General Manager on the Tuesday prior to each meeting. The Board will establish time limit for receipt of testimony. The board reserves the right to establish further time limits for receipt of testimony.
7. **AUTHORIZATION FOR THE PRESIDENT TO APPROVE AN UPGRADE TO THE AT&T MOBILITY'S COMMUNICATION EQUIPMENT.**
8. **DISCUSSION AND DIRECTION TO STAFF REGARDING WORKERS' COMPENSATION RESOLUTION FOR GOVERNING BODY MEMBERS.**
9. **AUTHORIZATION FOR TWO STAFF MEMBERS TO ATTEND THE 2018 JUMPSTART AIR SERVICE DEVELOPMENT CONFERENCE TO BE HELD JUNE 4-6, 2018 IN CLEVELAND, OH.**
10. **ADOPTION OF RESOLUTION 859. A RESOLUTION OF THE BOARD OF DIRECTORS OF THE SANTA MARIA PUBLIC AIRPORT DISTRICT ESTABLISHING AND ADOPTING A POLICY FOR THE STORAGE OF NON-AIRWORTHY AIRCRAFT AT THE SANTA MARIA AIRPORT.**
11. **APPROVAL OF ANNUAL AUDIT FOR FISCAL YEAR 2016-2017.**
12. **AUTHORIZATION FOR THE PRESIDENT AND SECRETARY TO EXECUTE THE BUILDING SPACE LEASE BETWEEN THE DISTRICT AND UNITY COURIER.**
13. **CLOSED SESSION.** The Board will hold a Closed Session to discuss the following item(s):
 - a) Conference with Real Property Negotiators (Chris Hastert, Tom Ross and District Counsel) Re: 1424 Fairway Dr. (Gov. Code Section 54956.8).
 - b) Conference with Real Property Negotiators (Chris Hastert, Tom Ross and District Counsel) Re: APN 111-231-11 (Gov. Code Section 54956.8)
14. **DIRECTORS' COMMENTS.**
15. **ADJOURNMENT.**

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MINUTES OF THE REGULAR BOARD
MEETING OF THE BOARD OF DIRECTORS
OF THE SANTA MARIA PUBLIC AIRPORT
DISTRICT HELD JANUARY 25, 2018

The Board of Directors of the Santa Maria Public Airport District held a Regular Meeting at the regular place at 7:00 p.m. Present were Directors Rafferty, Adams, Engel, Brown and Baskett, General Manager Hastert, Manager of Finance & Administration Reade and District Counsel George.

1. MINUTES OF THE REGULAR MEETING HELD December 14, 2017. Director Baskett made a Motion to approve the minutes of the regular meeting held December 14, 2017. Director Engel Seconded and it was carried by a 5-0 vote.
2. MINUTES OF THE REGULAR MEETING HELD January 11, 2018. Director Engel made a Motion to approve the January 11, 2018 minutes with removal of Director Baskett's comments. Director Adams Seconded and it was carried by a 5-0 vote.
3. COMMITTEE REPORT(S):
 - a) AVIATION SUPPORT & PLANNING (Standing or Ad Hoc) –A meeting will be scheduled.
 - b) ADMINISTRATION & FINANCIAL (Standing or Ad Hoc) – No meeting scheduled.
 - c) MARKETING & PROMOTIONS (Standing or Ad Hoc) – No meeting scheduled.
 - d) CITY & COUNTY LIAISON – No meeting scheduled.
 - e) STATE & FEDERAL LIAISON – A meeting will be scheduled.
 - f) VANDENBERG LIAISON – No meeting scheduled.
 - g) BUSINESS PARK COMMITTEE (Ad Hoc) – A meeting will be scheduled.
4. GENERAL MANAGER'S REPORT. General Manager Hastert summarized the meeting he and Ms. Fenton attended with SkyWest Airlines. He notified the Board of the Fence Repair Project that is underway. He gave updates to Customs and Pepper Garcia's. He will be attending the Economic Development Committee meeting and the SWAAAE Conference in the coming days.
5. MANAGER OF FINANCE & ADMINISTRATION REPORT.

The Manager of Finance & Administration presented the Demand Register to the Board for review and approval.

 - a) Demand Register. The Demand Register, covering warrants 064901 through 064961 in the amount of \$183,158.47 was recommended for approval as

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presented. Director Baskett made a Motion to accept the Demand Register as presented. Director Engel Seconded and it was carried by a 5-0 vote.

b) Budget Report. Received and filed.

c) Budget Deviation. Director Adams made a Motion to approve the budget deviation as presented. Director Baskett Seconded and it was carried by a 5-0 vote.

6. DISTRICT COUNSEL’S REPORT. Nothing to report.

7. PUBLIC SESSION: Statements from the floor will be heard during public session. Request to Speak forms are provided for those wishing to address the board. After completing the form, please give it to the Clerk. Requests requiring board action will be referred to staff and brought on the next appropriate agenda. Members of the public are cordially invited to speak on agenda items as they occur. Staff reports covering agenda items are available for review in the offices of the General Manager on the Tuesday prior to each meeting. The Board has established a five-minute time limit for receipt of testimony. The board reserves the right to establish further time limits for receipt of testimony.

8. Presentation of the annual audit by Jeff Palmer of Fedak & Brown LLP. Mr. Palmer presented. Director Brown asked the approval of the Audited Comprehensive Financial Report be tabled until the Board has had a chance to review.

9. Authorization for the President and Secretary to execute the Fourth Amendment of Lease between the District and Coastal Valley Aviation. Director Baskett made a Motion to approve as presented. Director Adams Seconded and it was carried by a 5-0 vote.

10. Discussion and direction to staff regarding Workers’ Compensation Resolution for the Governing Body Member. Discussion was held and the Board would like this brought back at the next meeting with more details for further discussion.

RECESS: At 7:36 p.m.

Return to OPEN SESSION: At 7:44 p.m. The Board and staff reconvened to Open Session.

11. CLOSED SESSION. At 7:44 p.m. the Board went into Closed Session to discuss the following item(s):

a) Conference with Real Property Negotiators (Chris Hastert, Tom Ross and District Counsel) Re: 1424 Fairway Dr. (Gov. Code Section 54956.8).

At 8:15 p.m., the Board and staff reconvened to Open Public Session.

There were no reportable actions.

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12. DIRECTORS' COMMENTS: Director's Engel and Adams had no comment.
- Director Brown is looking forward to attending the SWAAAE Conference.
- Director Baskett called for a public apology from Director Engel for comments he made in closed session on August 25th, 2016.
- Director Rafferty asked the Directors to present any items they would like attached to the minutes to be brought to him prior to agenda setting.
13. ADJOURNMENT. President Rafferty asked for a Motion to adjourn to a Regular Meeting to be held on February 8, 2018 at 7:00 p.m. at the regular meeting place. Director Adams made that Motion, Director Engel Seconded and the Motion was carried by a 5-0 vote.

ORDER OF ADJOURNMENT

This Regular Meeting of the Board of Directors of the Santa Maria Public Airport District is hereby adjourned at 8:19 p.m. on January 25, 2018.

Hugh Rafferty, President

Carl Engel, Secretary

2017-2018

**DEMAND REGISTER
SANTA MARIA PUBLIC AIRPORT DISTRICT**

Full consideration has been received by the Santa Maria Public Airport District for each demand numbers 064962 to 065026 and Electronic Payments on Pacific Premier Bank in the amount of \$90,472.39.

CHRIS HASTERT
GENERAL MANAGER

DATE

The undersigned certifies that the attached register of audited demands of the Santa Maria Public Airport District for each demand, numbers 064962 to 065026 and Electronic Payments on Pacific Premier Bank in the total amount of \$90,472.39 has been approved as being in conformity with the budget approved by the Santa Maria Public Airport District and funds are available for their payment.

VERONEKA READE
MANAGER OF FINANCE & ADMINISTRATION

DATE

THE BOARD OF DIRECTORS OF THE SANTA MARIA PUBLIC AIRPORT DISTRICT APPROVED PAYMENT OF THE ATTACHED WARRANTS AT THE MEETING OF FEBRUARY 8, 2018.

CARL ENGEL
SECRETARY

Santa Maria Public Airport District

Demand Register

Check Number	Check Date	Vendor Name	Check Amount	AIP Funding	Description
064962	1/25/2018	City of Santa Maria-Util Div	Void		Water Invoices
064963*	1/25/2018	Clark Pest Control	\$380.00		Pest Control - Terminal & Adm.
064964*	1/25/2018	Comcast	\$557.10		Cable/Internet /Digital Voice
064965*	1/25/2018	Kerry Fenton	\$570.79		Travel Expense
064966*	1/25/2018	Thomas Hoke	\$378.90		Security Deposit/CR Balance
064967*	1/25/2018	J B Dewar, Inc	\$263.45		Fuel Expense
064968*	1/25/2018	Keylock Security Specialists	\$719.94		Maint. Of Access Control System
064969*	1/25/2018	Orchard Supply Hardware	\$200.64		Hardware & Supplies
064970*	1/26/2018	City of Santa Maria-Util Div	\$8,082.71		Water Invoices
064972*	2/2/2018	American Assn of Airport Exec	\$100.00		Renew AAAE - Affiliate Dues
064973*	2/2/2018	Chuck Adams	\$200.00		Directors Fees
064974*	2/2/2018	AT&T	\$171.33		Phone Service
064975*	2/2/2018	Steve Brown	\$300.00		Directors Fees
064976*	2/2/2018	Bagby Plumbing Service & Repair	\$110.35		Building Maint. - Hangar Area
064977*	2/2/2018	Carquest Auto Parts	\$267.83		Auto Maint. - Mechanical
064978*	2/2/2018	Comcast	\$608.64		Cable/Internet /Digital Voice
064979*	2/2/2018	Emergency Vehicle Specialists, Inc.	\$14,204.56		Police Vehicle
064980*	2/2/2018	Carl Engel, Jr.	\$200.00		Directors Fees
064981*	2/2/2018	Frontier Communications	\$198.97		Telephone Service
064982*	2/2/2018	Office Depot	\$65.22		Office Supplies
064983*	2/2/2018	Pacific Gas & Electric Company	\$14,070.44		Terminal/Admin./Main Hangar
064984*	2/2/2018	Hugh Rafferty	\$300.00		Directors Fees
064985*	2/2/2018	Ray Zierman Backflow Service	\$110.00		Backflow Testing
064986*	2/2/2018	Verizon Wireless	\$780.37		Cell Phones
064987*	2/2/2018	City of Santa Maria-Util Div	\$8,082.71		Water Invoices
064988	2/7/2018	American Industrial Supply	\$25.42		Safety Equipment
064989	2/7/2018	AT&T	\$150.05		Phone Service
064990	2/7/2018	Bedford Enterprises, Inc.	\$237.05		Trash Removal
064991	2/7/2018	Bickel's Heating and Air Conditionir	\$2,722.64		Maint. - Heating & Air Condit.
064992	2/7/2018	Brayton's Power Wash & Sweep	\$500.00		Street Sweeping
064993	2/7/2018	Carquest Auto Parts	\$16.19		Auto Maint. - Mechanical
064994	2/7/2018	Central City Tool Supply, Inc.	\$77.32		Small Tools
064995	2/7/2018	Consolidated Electrical Distributors,	\$161.85		Lighting Maintenance
064996	2/7/2018	Clark Pest Control	\$224.00		Pest Control - Terminal & Adm.
064997	2/7/2018	Coast Clutch & Brake Supply	\$439.67		Heavy Equip. Maint. - Mech.
064998	2/7/2018	Coastline Equipment Company	\$581.64		Heavy Equipment Maint.- Mech.
064999	2/7/2018	Fedak & Brown LLP	\$480.00		Annual Audit
065000	2/7/2018	Frontier Communications	\$1,163.02		Telephone Service

Santa Maria Public Airport District

Demand Register

Check Number	Check Date	Vendor Name	Check Amount	AIP Funding	Description
065001	2/7/2018	The Gas Company	\$692.89		Utilities
065002	2/7/2018	Hayward Lumber Company	\$63.72		MHP - Maintenance
065003	2/7/2018	Ray Heath	\$3,575.20		Consulting Service
065004	2/7/2018	IRIS Companies	\$3,392.00		Security Supplies
065005	2/7/2018	Lee Central Coast Newspapers	\$326.48		Request For Proposals
065006	2/7/2018	Limotta Internet Technologies	\$1,534.50		Computer Support Services
065007	2/7/2018	MarTeeny Designs	\$200.00		Web Page Maint.
065008	2/7/2018	McMasters and Carr	\$93.90		Building Maint. - Terminal
065009	2/7/2018	Mission Uniform Service	\$432.44		Uniform Service
065010	2/7/2018	Office Depot	\$46.06		Office Supplies
065011	2/7/2018	Principal Financial Group	\$2,904.44		Dental, Life, Disability, Visi
065012	2/7/2018	Ramsey Asphalt Construction	\$2,282.14		Pavement-Ramp-Hangars
065013	2/7/2018	ReadyRefresh by Nestle	\$99.23		Water Delivery
065014	2/7/2018	SB County Air Pollution	\$1,291.32		Permits
065015	2/7/2018	Service Star	\$711.93		Janitorial Service
065016	2/7/2018	Sherwin-Williams	\$164.84		Pavement/Roads - Terminal Area
065017	2/7/2018	Smith's Alarms & Electronics Inc.	\$630.00		Fire Alarm Service
065018	2/7/2018	Sousa Tire Service, LLC	\$100.00		ARFF Vehicle Maint.
065019	2/7/2018	Toshiba Financial Services	\$548.56		Copier Lease
065020	2/7/2018	Tri-Counties Plant Service	\$275.00		Interior Plants Maint.
065021	2/7/2018	Western Propane Service	\$30.74		Maintenance Supplies
065022	2/7/2018	Bomar Security & Investigation	\$5,035.46		Security Service
065023	2/7/2018	Fastenal Company	\$129.45		Shop Supplies
065024	2/7/2018	Pacific Gas & Electric Company	\$23.53		Terminal/Admin./Main Hangar
065025	2/7/2018	Carla Osborn	\$169.25		Medical Reimb.
065026	2/7/2018	Steve Brown	\$179.68		Expense Reimbursement
Total Checks Written			\$82,635.56	\$0.00	

*Approved by One Board Member

Electronic Payments

1/26/2018	Mass Mutual	\$3,078.40
2/6/2018	Cal Pers	\$1,026.16
2/6/2018	Cal Pers	\$3,732.27
Total Electronic Funds Transfer		\$7,836.83

Total Funds Dispersed: \$90,472.39



Confirmation of Consent/Approval

Santa Maria Airport District Office
Manager of Finance and Admin.
3217 Terminal Drive
Santa Maria, CA 93455

To: D4 Communications, LLC
C/O AT&T, MasTec Network Solutions
1114 State Street, Suite 234
Santa Barbara, CA 93101
Attn: Scott Dunaway

January 16, 2018

Re: AT&T SBSB38 Santa Maria Airport
Site Address: 3203 Lighting Street, Santa Maria, CA 93455

To Whom It May Concern,

Consent/Approval is hereby given for the maintenance, addition modification and/or replacement of AT&T Mobility's communication equipment. The modifications include maintenance and upgrading of associated equipment at the reference wireless telecommunications facility.

We understand that MasTec Solutions and/or D4 Communications will coordinate this work with the Landlord's appointed representative. MasTec Network Solutions and/or D4 Communications will give notification to such representative a minimum of 72 hours prior to commencing the work. A pre-con walk can be arranged upon Owner's request.

Landlord Name: SANTA MARIA AIRPORT

Approved (Signature): _____

Print Name & Title: _____

Date: _____

Property Contact (or Construction): _____ Phone: _____

APPLICABLE CODES

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.

1. 2016 CALIFORNIA BUILDING CODE (CBC)

2. 2016 CALIFORNIA MECHANICAL CODE (CMC)

3. 2016 CALIFORNIA PLUMBING CODE (CPC)

4. 2016 CALIFORNIA ELECTRICAL CODE (CEC)

5. 2016 GREEN BUILDING STANDARDS CODES (CGBSC)

6. 2010 CALIFORNIA ENERGY CODE (CEC)2016 CITY OF SANTA MARIA MUNICIPAL CODE (CSMMC)

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS NOT REQUIRED IN ACCORDANCE WITH CALIFORNIA ADMINISTRATIVE STATE CODE PART 2, TITLE 24, CHAPTER 11B, SECTION 1103B.

PROJECT TEAM

CLIENT REPRESENTATIVE

MASTEC NETWORK SOLUTIONS
3075 E IMPERIAL HWY, SUITE 150
BREA, CA 92821

APPLICANT

D4 COMMUNICATIONS
1114 STATE STREET, Suite 222
SANTA BARBARA, CA 93101
CONTACT: SCOTT DUNAWAY
PHONE: 805.637.0339

ENGINEER

JACOB GORALSKI, P.E.
JACOB GORALSKI PLLC
1106 COLBI ST. KENNEDALE,
TX 76060
PHONE: 817-456-2621

AT&T PROJECT MANAGER

DINO DILA
SR. SPECIALIST-TECH PROJECT MANAGER
CONSTRUCTION & ENGINEERING
WEST - MOBILITY
L.A. MARKET
3939 E CORONADO ST
ANAHEIM CA 92807
MOBILE: 562-412-0798

PROPERTY OWNER

SANTA MARIA PUBLIC DIST.
3217 TERMINAL DRIVE
SANTA MARIA, CA 93455
MOBILE: 805-922-1726

SITE ACQUISITION

MASTEC NETWORK SOLUTIONS
3075 E IMPERIAL HWY, SUITE 150
BREA, CA 92821
CONTACT: RICHARD MARTINEZ
PHONE: 714-522-2935

ZONING

MASTEC NETWORK SOLUTIONS
3075 E IMPERIAL HWY, SUITE 150
BREA, CA 92821
CONTACT: RICHARD MARTINEZ
PHONE: 714-522-2935

RF ENGINEER

SHADAB ANWAR
AT&T LTE RF DESIGN
DESK:
MOBILE:

CONSTRUCTION MANAGER

MASTEC NETWORK SOLUTIONS
3075 E IMPERIAL HWY, SUITE 150
BREA, CA 92821
CONTACT: DUSTIN JOHNSTON
PHONE: 951-457-0768

APPROVALS

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

AT&T RF ENGINEER:

DATE:

SITE ACQUISITION:

DATE:

CONSTRUCTION MANAGER:

DATE:

A/E MANAGER:

DATE:

ZONING:


DATE:

PROJECT MANAGER:

DATE:

COMPLIANCE:

DATE:



at&t
Your world. Delivered.

SITE NAME:

SANTA MARIA AIRPORT

SITE NUMBER:

SBSB38

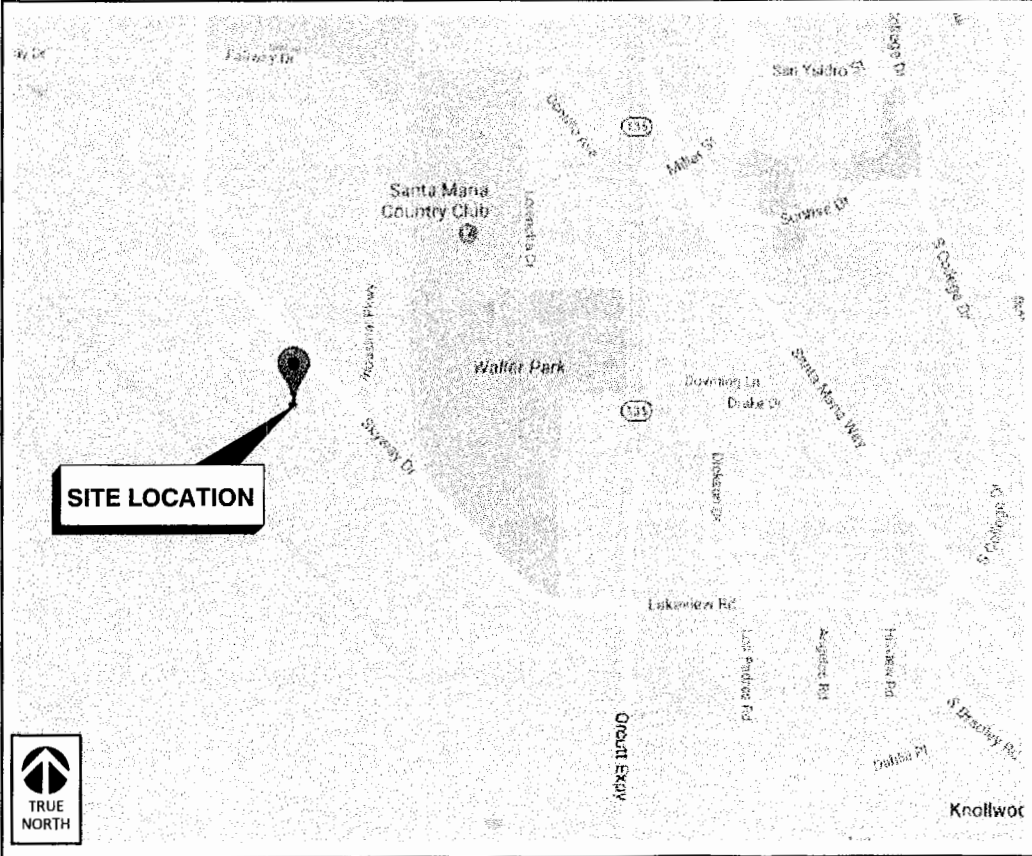
FA NUMBER:


10086370

PROJECT TYPE	CASPR#	
LTE 4C	3553A0CFW	MRLOS043753
LTE 5C	3553A0CDS8	MRLOS043207
LTE 6C	3553A0CDKM	MRLOS043084
LTE 7C	3553A0CEB5	MRLOS042451
4XTRX	3553A0C7C1	MRLOS040989

MAP AND DIRECTIONS

DIRECTIONS FROM AT&T OFFICE: HEAD SOUTH ON S BRADLEY RD TOWARDS COLLEGE DR. TO MCCOY LN TRAIL 5 S (171 FT), TURN RIGHT ONTO CROSSROAD LN 0.2 MI, TURN RIGHT ONTO E MCCOY LN 223 FT. AT THE ROUNDABOUT, TAKE THE 2ND EXIT AND STAY ON E MCCOY LN 1.7 MI, TURN LEFT ONTO SKYWAY DR 0.2 MI, CONTINUE STRAIGHT TO STAY ON SKYWAY DR 0.7 MI, TURN RIGHT ONTO HANGAR ST 0.1 MI, TURN LEFT ONTO AIRPARK DR 0.2 MI, TURN RIGHT ONTO LIBERATOR ST 92 FT, TURN LEFT ONTO LIGHTNING ST DESTINATION WILL BE ON THE RIGHT 233 FT.





UNDERGROUND
SERVICE ALERT OF
SOUTHERN CALIFORNIA
800-227-2600
48 HOURS BEFORE YOU DIG

DRM INFORMATION

SITE NO.	SBSB38	LTE:	3C	ZONE:	-
SITE TYPE:	ROOFTOP				
ANTENNAS PER SECTOR:	4	#SECTORS:	3 SECTOR	#TOTAL	12
RRH LOCATION:	TOP				
ANTENNA HEIGHT:	8'-0"	RAD CENTER:	58'-0" AGL	TIP HEIGHT:	62'-0" AGL
	SECTOR "A"	SECTOR "B"	SECTOR "C"		
GSM/UMTS	120°	0°	240°		
LTE	120°	0°	240°		
FRP:			BDM:		
MS30	LEASING FC=		MS80		BP FC=
MS40	ZONING FC=		CIVIL OOM FC=		

PROJECT INFORMATION

SCOPE OF WORK: **PROPOSED 4C**

- INSTALL (1) RRUS E2 AT P4 PER SEC AT TOP

PROPOSED 5C

- SWAP (1) QUAD PORT QUINTAL (B14 ANTENNA) AT P2 ALL SEC .
- INSTALL (1) RRUS B54478 AT P2 PER SEC AT TOP.

PROPOSED 6C

- INSTALL (1) RRUS 32 B66A AT P2 PER SEC AT TOP.

PROPOSED 7C

- SWAP (1) QUAD PORT WITH QUINTAL OCTO PORT AT P3 ALL SEC
- INSTALL (1) RRH B14 4478 AT P2 PER SEC AT TOP.

PROPOSED 414R

- SWAP (1) QUAD PORT WITH HEX PORT KATHERINE AT P1 ALL SEC
- INSTALL (1) RRUS 12 AT P1 PER SEC AT TOP.
- INSTALL (1) CBC78-DF-2X AT P4 PER SEC AT TOP.

BASEBAND

- INSTALL (1) 5216.
- INSTALL (1) XMU

POWER

- INSTALL (7) NEQ.13353 1C24481500 CONVERTER, +24 V TO -48 V DC, 31.25 A/1500 W, 6.4 LBS.
- INSTALL (1) NEQ.15954 584622300 NETSURE DCS 48375 DC-DC CONVERTER SYSTEM, 23" MAIN SHELF
- INSTALL (1) NEQ.15956 584622400 NETSURE DCS 48375 DC-DC CONVERTER SYSTEM, 23"EXPANSION SHELF
- INSTALL (2) VORTEX MODEL#V100B25
- REMOVE TMA/CBC EXISTING
- INSTALL (2) ADDITIONAL SQUIDS

RFDS VERSION: -----

LATITUDE (NAD 83): 34° 54' 04.99" N'

LONGITUDE (NAD 83): -120° 27' 00.83" W'

STRUCTURE TYPE: ROOFTOP TOWER

GROUND ELEVATION: ±2326'0" AMSL

ZONING JURISDICTION: CITY OF SANTA MARIA

CURRENT ZONING: AS-11

ASSESSOR'S PARCEL NO.: 111-231-017

TYPE OF CONSTRUCTION: ---

LEASE AREA (SF): 230 (SF)

CURRENT USE: UNMANNED TELECOM FACILITY

DRAWING INDEX

T1	TITLE SHEET
T2	GENERAL NOTES
T3	GENERAL NOTES
C1	SITE PLAN
C1.1	ENLARGED SITE PLAN
C2	EQUIPMENT LAYOUT
C3	ANTENNA LAYOUT
C3.1	ANTENNA SCHEDULE
C4	TOWER ELEVATION
C4.1	TOWER ELEVATION
D1	EQUIPMENT DETAILS
D1.1	EQUIPMENT DETAILS
D1.2	EQUIPMENT DETAILS
D1.3	EQUIPMENT DETAILS
G1	GROUNDING DETAILS
G2	GROUNDING DETAILS

PLANS PREPARED FOR:



at&t
Your world. Delivered.

1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:



Mastec
Network Solutions

6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:

SANTA MARIA AIRPORT

SITE NUMBER:

SBSB38

FA NUMBER:

10086370

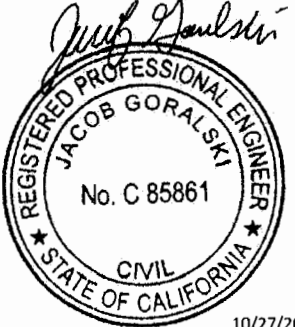
SITE ADDRESS:

3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
0	10/27/17	FINAL 100% CD's	JAJ

STAMP:



10/27/2017

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T1

SCALE IS BASED ON 22" x 34" "D" SIZE

GENERAL CONSTRUCTION NOTES:

- FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
GENERAL CONTRACTOR – GENERAL CONTRACTOR
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 ARCHITECT/ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- 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 LAT&T, 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 ARCHITECT/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 ARCHITECT/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 SPACE FOR APPROVAL BY THE ARCHITECT/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 CONFORM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
- 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 THE 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 ARCHITECT/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, 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 ARCHITECT/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 STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD 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 SPECIFICATIONS, 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 COAXIAL CABLE INSTALLATIONS TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
 - NO NOISE, SMOKE, DUST, OR VIBRATIONS WILL RESULT FROM THIS FACILITY. (DISREGARD THIS NOTE IF THIS SITE HAS A GENERATOR)
 - NO ADDITIONAL PARKING TO BE PROPOSED. EXISTING ACCESS AND PARKING TO REMAIN, UNLESS NOTED OTHERWISE.
 - NO LANDSCAPING IS PROPOSED AT THIS SITE, UNLESS NOTED OTHERWISE.

SITE WORK & DRAINAGE

PART 1 – GENERAL

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

1.1 REFERENCES:

- DOT (STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY1. 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.

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

PART 2 – PRODUCTS

- 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.
- 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.
- 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.
- SELECT STRUCTURAL FILL: GRANULAR FILL MATERIAL MEETING THE REQUIREMENTS OF ASTM E850-95. FOR USE AROUND AND UNDER STRUCTURES WHERE STRUCTURAL FILL MATERIAL ARE REQUIRED.
- GRANULAR BEDDING AND TRENCH BACKFILL: WELL-GRADED SAND MEETING THE GRADATION REQUIREMENTS OF ASTM D2487 (SE OR SW-SM).
- COARSE AGGREGATE FOR ACCESS ROAD SUBBASE COURSE SHALL CONFORM TO ASTM D2940.
- 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.
- GEOTEXTILE FABRIC: MIRAFI 500X OR APPROVED EQUAL.
- 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 2 – EXECUTION

3.1 GENERAL:

- 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.
 - BEFORE ALL SURVEY, LAYOUT, STAKING, AND MARKING, ESTABLISH AND MAINTAIN ALL LINES, GRADES, ELEVATIONS AND BENCHMARKS NEEDED FOR EXECUTION OF THE WORK.
 - 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.
- 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.
 - 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.
 - EXCEPT WHERE EXCAVATION TO GREATER DEPTH IS INDICATED, FILL DEPRESSIONS RESULTING FROM CLEARING, GRUBBING AND DEMOLITION WORK COMPLETELY WITH SUITABLE FILL.
 - REMOVE FROM THE SITE AND DISPOSE IN AN AUTHORIZED LANDFILL ALL DEBRIS RESULTING FROM CLEARING AND GRUBBING OPERATIONS. BURNING WILL NOT BE PERMITTED.
 - 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 NEW CONSTRUCTION. NOTIFY THE CONSTRUCTION MANAGER OF ANY OBSTRUCTIONS THAT WILL PREVENT ACCOMPLISHMENT OF THE WORK AS INDICATED ON THE DRAWINGS.

- 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:

- 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.
- PRIOR TO PLACING BACKFILL AROUND STRUCTURES, ALL FORMS SHALL BE REMOVED AND THE EXCAVATION CLEARED OF ALL TRASH, DEBRIS, AND UNSUITABLE MATERIALS.
- 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.
- 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. THE CONTRACTOR SHALL TAKE WHATEVER APPROPRIATE ACTION IS NECESSARY, SUCH AS DISKING AND DRYING, ADDING WATER, OR INCREASING THE COMPACTIVE EFFORT TO MEET THE MINIMUM COMPACTION REQUIREMENTS.
- THOROUGHLY COMPACT EACH LAYER OF BACKFILL TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 698.

3.3 TRENCH EXCAVATION:

- 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. EXTEND THE TRENCH WIDTH A MINIMUM OF 6 INCHES BEYOND THE OUTSIDE EDGE OF THE OUTERMOST CONDUIT.
- 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:

- PROVIDE GRANULAR BEDDING MATERIAL IN ACCORDANCE WITH THE DRAWINGS AND THE UTILITY REQUIREMENTS.
- NOTIFY THE GENERAL CONTRACTOR 24 HOURS IN ADVANCE OF BACKFILLING.
- CONDUCT UTILITY CHECK TESTS BEFORE BACKFILLING. BACKFILL AND COMPACT TRENCH BEFORE ACCEPTANCE TESTING.
- 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.
- PROTECT CONDUIT FROM LATERAL MOVEMENT, IMPACT DAMAGE, OR UNBALANCED LOADING.
- 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.
- 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% OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 698.

3.5 AGGREGATE ACCESS ROAD:

- 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.
- THE ENTIRE SUBGRADE SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE STANDARD PROCTOR TEST, ASTM D 1557.
- 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.
- 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.
- 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.
- 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.
- 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.
- THE AGGREGATE SHALL BE IMMEDIATELY COMPACTED TO NOT LESS THAN 95 PERCENT OF THE MAXIMUM DRY DENSITY AS PROVIDED BY THE 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:

- 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.
- UTILIZE SATISFACTORY FILL MATERIAL RESULTING FROM THE EXCAVATION WORK IN THE CONSTRUCTION OF FILLS, EMBANKMENTS AND FOR REPLACEMENT OF REMOVED UNSUITABLE MATERIALS.
- ACHIEVE FINISHED GRADE BY PLACING A MINIMUM OF 4 INCHES OF 1/2" – 3/4" CRUSHED STONE ON TOP SOIL STABILIZER FABRIC.
- REPAIR ALL ACCESS ROADS AND SURROUNDING AREAS USED DURING THE COURSE OF THIS WORK TO THEIR ORIGINAL CONDITION.

3.7 ASPHALT PAVING ROAD:

- DIVISION 600 – KDOT FLEXIBLE PAVEMENT. (UPDATE PER LOCAL DOT)
- SECTION 403 – MODOT ASPHALT CONCRETE PAVEMENT.

PLANS PREPARED FOR:



1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:



6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:

**SANTA MARIA
AIRPORT**

SITE NUMBER:

SBSB38

FA NUMBER:

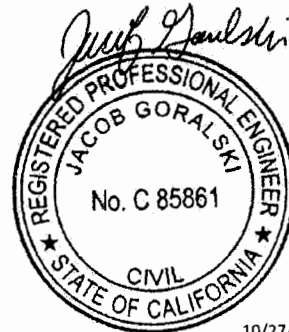
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SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY			
REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
0	10/27/17	FINAL 100% CD's	JAJ

STAMP:



SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

T2

SCALE IS BASED ON 22" x 34" "D" SIZE

ELECTRICAL NOTES

1. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ANY/ALL ELECTRICAL WORK INDICATED. ANY/ALL CONSTRUCTION SHALL BE IN ACCORDANCE W/DRAWINGS AND ANY/ALL APPLICABLE SPECIFICATIONS. IF ANY PROBLEMS ARE ENCOUNTERED BY COMPLYING WITH THESE REQUIREMENTS, CONTRACTOR SHALL NOTIFY 'CONSTRUCTION MANAGER' AS SOON AS POSSIBLE, AFTER THE DISCOVERY OF THE PROBLEMS, AND SHALL NOT PROCEED WITH THAT PORTION OF WORK, UNTIL THE 'CONSTRUCTION MANAGER' HAS DIRECTED THE CORRECTIVE ACTIONS TO BE TAKEN.
2. ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE HIMSELF WITH ANY/ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATION INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF. ALL EXISTING CONDITIONS OF ELECTRICAL EQUIP., LIGHT FIXTURES, ETC., THAT ARE PART OF THE FINAL SYSTEM, SHALL BE VERIFIED BY THE CONTRACTOR, PRIOR TO THE SUBMITTING OF HIS BID. FAILURE TO COMPLY WITH THIS PARAGRAPH WILL IN NO WAY RELIEVE CONTRACTOR OF PERFORMING ALL WORK NECESSARY FOR A COMPLETE AND WORKING SYSTEM.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NEC AND ALL CODES AND LOCAL ORDINANCES OF THE LOCAL POWER & TELEPHONE COMPANIES HAVING JURISDICTION AND SHALL INCLUDE BUT NOT BE LIMITED TO:
- C - NATIONAL FIRE CODES
 - A. UL - UNDERWRITERS LABORATORIES
 - B. NEC - NATIONAL ELECTRICAL CODE
 - C. NEMA - NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
 - D. OSHA - OCCUPATIONAL SAFETY AND HEALTH ACT
 - E. SBC - STANDARD BUILDING CODE
4. DO NOT SCALE ELECTRICAL DRAWINGS, REFER TO SITE PLANS AND ELEVATIONS FOR EXACT LOCATIONS OF ALL EQUIPMENT, AND CONFIRM WITH 'CONSTRUCTION MANAGER' ANY SIZES AND LOCATIONS WHEN NEEDED.
5. EXISTING SERVICES: CONTRACTOR SHALL NOT INTERRUPT EXISTING SERVICES WITHOUT WRITTEN PERMISSION OF THE OWNER.
6. CONTRACTOR SHALL PAY FOR ANY/ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR IS TO OBTAIN PERMITS AND APPROVED SUBMITTALS PRIOR TO THE WORK BEGINNING OR ORDERING EQUIPMENT.
7. THE TERM "PROVIDE" USED IN CONSTRUCTION DOCUMENTS AND SPECIFICATIONS, INDICATES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL.
8. CONTRACTOR SHALL CONFIRM WITH LOCAL UTILITY COMPANY ANY/ALL REQUIREMENTS SUCH AS THE: LUG SIZE RESTRICTIONS, CONDUIT ENTRY, SIZE OF TRANSFORMERS, SCHEDULED DOWNTIME FOR THE OWNERS' CONFIRMATION, ETC... ANY/ALL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER, PRIOR TO BEGINNING ANY WORK.
9. MINIMUM WIRE SIZE SHALL BE #12 AWG, NOT INCLUDING CONTROL WIRING, UNLESS NOTED OTHERWISE. ALL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION.
10. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET/DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
11. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF THE CONSTRUCTION. CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS FOR THE EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
12. ELECTRICAL SYSTEM SHALL BE AS COMPLETELY AND EFFECTIVELY GROUNDED, AS REQUIRED BY SPECIFICATIONS, SET FORTH BY AT&T.
13. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND SUBJECT TO REGULATORY INSPECTION AND APPROVAL BY CONSTRUCTION MANAGER.
14. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
15. CONTRACTOR SHALL GUARANTEE ANY/ALL MATERIALS AND WORK FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
16. THE CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ANY ADDITIONAL CHARGE AND SHALL INCLUDE THE REPLACEMENT OR THE REPAIR OF ANY OTHER PHASE OF THE INSTALLATION, WHICH MAY HAVE BEEN DAMAGED THEREIN.
17. ADEQUATE AND REQUIRED LIABILITY INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LOSS AND ANY/ALL PROPERTY DAMAGE FOR THE DURATION OF WORK.
18. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES AND DEVICES FOR ALL OUTLETS AS INDICATED.
19. DITCHING AND BACK FILL: CONTRACTOR SHALL PROVIDE FOR ALL UNDERGROUND INSTALLED CONDUIT AND/OR CABLES INCLUDING EXCAVATION AND BACKFILLING AND COMPACTION. REFER TO NOTES AND REQUIREMENTS 'EXCAVATION, AND BACKFILLING.
20. MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE (N) AND SHALL APPEAR ON THE LIST OF U.L. APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE NEC, NEMA AND IECE.
21. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR MANUFACTURES CATALOG INFORMATION OF ANY/ALL LIGHTING FIXTURES, SWITCHES AND ALL OTHER ELECTRICAL ITEMS FOR APPROVAL BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
22. ANY CUTTING OR PATCHING DEEMED NECESSARY FOR ELECTRICAL WORK IS THE ELECTRICAL CONTRACTORS RESPONSIBILITY AND SHALL BE INCLUDED IN THE COST FOR WORK AND PERFORMED TO THE SATISFACTION OF THE 'CONSTRUCTION MANAGER' UPON FINAL ACCEPTANCE.
23. THE ELECTRICAL CONTRACTOR SHALL LABEL ALL PANELS WITH ONLY TYPEWRITTEN DIRECTORIES. ALL ELECTRICAL WIRING SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
24. DISCONNECT SWITCHES SHALL BE H.P. RATED HEAVY-DUTY, QUICK-MAKE AND QUICK-BREAK ENCLOSURES, AS REQUIRED BY EXPOSURE TYPE.
25. ALL CONNECTIONS SHALL BE MADE WITH A PROTECTIVE COATING OF AN

- ANTI-OXIDE COMPOUND SUCH AS "NO-OXIDE A" BY DEARBORNE CHEMICAL CO. COAT ALL WIRE SURFACES BEFORE CONNECTING. EXPOSED COPPER SURFACES, INCLUDING GROUND BARS, SHALL BE TREATED - NO SUBSTITUTIONS.
26. RACEWAYS: CONDUIT SHALL BE SCHEDULE 40 PVC MEETING OR EXCEEDING NEMA TC2 - 1990. CONTRACTOR SHALL PLUG AND CAP EACH END OF SPARE AND EMPTY CONDUITS AND PROVIDE TWO SEPARATE PULL STRINGS - 200 LBS TEST POLYETHYLENE CORD. ALL CONDUIT BENDS SHALL BE A MINIMUM OF 2 FT. RADIUS. RGS CONDUITS WHEN SPECIFIED, SHALL MEET UL-6 FOR GALVANIZED STEEL. ALL FITTINGS SHALL BE SUITABLE FOR USE WITH THREADED RIGID CONDUIT. COAT ALL THREADS WITH 'BRITE ZINC' OR 'GOLD GALV'.
27. SUPPORT OF ALL ELECTRICAL WORK SHALL BE AS REQUIRED BY NEC.
28. CONDUCTORS: CONTRACTOR SHALL USE 98% CONDUCTIVITY COPPER WITH TYPE THWN INSULATION, 800 VOLT, COLOR CODED. USE SOLID CONDUCTORS FOR WIRE UP TO AND INCLUDING NO. 8 AWG. USE STRANDED CONDUCTORS FOR WIRE ABOVE NO. 8 AWG.
29. CONNECTORS FOR POWER CONDUCTORS: CONTRACTOR SHALL USE PRESSURE TYPE INSULATED TWIST-ON CONNECTORS FOR NO. 10 AWG AND SMALLER. USE SOLDERLESS MECHANICAL TERMINAL LUGS FOR NO. 8 AWG AND LARGER.
30. SERVICE: 240/120V, SINGLE PHASE, 3 WIRE CONNECTION AVAILABLE FROM UTILITY COMPANY. OWNER OR OWNERS AGENT WILL APPLY FOR POWER.
31. TELEPHONE SERVICE: CONTRACTOR SHALL PROVIDE EMPTY CONDUITS WITH PULL STRINGS AS INDICATED ON DRAWINGS.
32. ELECTRICAL AND TELCO RACEWAYS TO BE BURIED A MINIMUM OF 2' DEPTH.
33. CONTRACTOR SHALL PLACE TWO LENGTHS OF WARNING TAPE AT A DEPTH OF 12" BELOW GROUND AND DIRECTLY ABOVE ELECTRICAL AND TELCO SERVICE CONDUITS. CAUTIONS TAPE TO READ "CAUTION BURIED ELECTRIC" OR "BURIED TELECOMM".
34. ALL BOLTS SHALL BE STAINLESS STEEL

STRUCTURAL STEEL NOTES

1. ALL STEEL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION. STEEL SECTIONS SHALL BE IN ACCORDANCE WITH ASTM AS INDICATED BELOW:
- W-SHAPES: ASTM A992, 50 KSI
 - ANGLES, BARS CHANNELS: ASTM A36, 36 KSI
 - HSS SECTIONS: ASTM 500, 46 KSI
 - PIPE SECTIONS: ASTM A53-E, 35 KSI
2. ALL EXTERIOR EXPOSED STEEL AND HARDWARE SHALL BE HOT DIPPED GALVANIZED.
3. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP.
4. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE 3/4"Ø CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
5. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
6. FIELD MODIFICATIONS ARE TO BE COATED WITH ZINC ENRICHED PAINT.

ENVIRONMENTAL NOTES

1. ALL WORK PERFORMED SHALL BE DONE IN ACCORDANCE WITH ISSUED PERMITS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF FINES AND PROPER CLEAN UP FOR AREAS IN VIOLATION.
2. CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS DURING CONSTRUCTION FOR PROTECTION OF ADJACENT PROPERTIES, ROADWAYS AND WATERWAYS AND SHALL BE MAINTAINED IN PLACE THROUGH FINAL JURISDICTIONAL INSPECTION & RELEASE OF SITE.
3. CONTRACTOR SHALL INSTALL/CONSTRUCT ALL NECESSARY SEDIMENT/SILT CONTROL FENCING AND PROTECTIVE MEASURES WITHIN THE LIMITS OF SITE DISTURBANCE PRIOR TO CONSTRUCTION.
4. NO SEDIMENT SHALL BE ALLOWED TO EXIT THE PROPERTY. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ADEQUATE MEASURES FOR CONTROLLING EROSION. ADDITIONAL SEDIMENT CONTROL FENCING MAY BE REQUIRED IN ANY AREAS SUBJECT TO EROSION.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY INSPECTIONS AND ANY REPAIRS OF ALL SEDIMENT CONTROL MEASURES INCLUDING SEDIMENT REMOVAL AS NECESSARY.
6. CLEARING OF VEGETATION AND TREE REMOVAL SHALL BE ONLY AS PERMITTED AND BE HELD TO A MINIMUM. ONLY TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED.
7. SEEDING AND MULCHING AND/OR SODDING OF THE SITE WILL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE PROJECT FACILITIES AFFECTING LAND DISTURBANCE.
8. CONTRACTOR SHALL PROVIDE ALL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED BY LOCAL, COUNTY AND STATE CODES AND ORDINANCES TO PROTECT EMBANKMENTS FROM SOIL LOSS AND TO PREVENT ACCUMULATION OF SOIL AND SILT IN STREAMS AND DRAINAGE PATHS LEAVING THE CONSTRUCTION AREA. THIS MAY INCLUDE SUCH MEASURES AS SILT FENCES, STRAW BALE SEDIMENT BARRIERS, AND CHECK DAMS.
9. RIP RAP OF SIZES INDICATED SHALL CONSIST OF CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY STONE FREE OF ANY DETRIMENTAL QUANTITY OF SOFT, FRIABLE, THIN, ELONGATED OR LAMINATED PIECES, DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL, ALKALI, OR OTHER DELETERIOUS SUBSTANCES.

CONCRETE MASONRY NOTES

1. CONCRETE MASONRY UNITS SHALL BE MEDIUM WEIGHT UNITS CONFORMING TO ASTM C90, GRADE N-1, (F'm=1,500 PS). MEDIUM WEIGHT (115 PCF).
2. MORTAR SHALL BE TYPE "S" (MINIMUM 1,800 PSI AT 28 DAYS).
3. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT 28 DAYS.
4. ALL CELLS CONTAINING REINFORCING STEEL OR EMBEDDED ITEMS AND ALL CELLS IN RETAINING WALLS AND WALLS BELOW GRADE SHALL BE SOLID GROUTED.
5. ALL HORIZONTAL REINFORCEMENT SHALL BE PLACED IN BOND BEAM OR LINTEL BEAM UNITS. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE GROUT POUR 1-1/2" BELOW TOP OF THE UPPERMOST UNIT.
7. ALL BOND BEAM BLOCK SHALL BE "DEEP CUT" UNITS.
8. PROVIDE INSPECTION AND CLEAN-OUT HOLES AT BASE OF VERTICAL CELLS HAVING GROUT LIFTS IN EXCESS OF 4'-0" OF HEIGHT.
9. ALL GROUT SHALL BE CONSOLIDATED WITH A MECHANICAL VIBRATOR.
10. CEMENT SHALL BE AS SPECIFIED FOR CONCRETE.
11. REINFORCING BARS - SEE NOTES UNDER "REINFORCING STEEL" FOR REQUIREMENTS.
12. PROVIDE ONE BAR DIAMETER (A MINIMUM OF 1/2") GROUT BETWEEN MAIN REINFORCING AND MASONRY UNITS.
13. LOW LIFT CONSTRUCTION, MAXIMUM GROUT POUR HEIGHT IS 4 FEET.
14. HIGH LIFT GROUTED CONSTRUCTION MAY BE USED IN CONFORMANCE WITH PROJECT SPECIFICATIONS AND SECTION 2104.6.1. OF CURRENT BUILDING CODE.
15. ALL CELLS IN CONCRETE BLOCKS SHALL BE FILLED SOLID WITH GROUT, EXCEPT AS NOTED IN THE DRAWINGS OR SPECIFICATIONS.
16. CELLS SHALL BE IN VERTICAL ALIGNMENT, DOWELS IN FOOTINGS SHALL BE SET TO ALIGN WITH CORES CONTAINING REINFORCING STEEL.
17. REFER TO ARCHITECTURAL DRAWINGS FOR SURFACE AND HEIGHT OF UNITS, LAYING PATTERN AND JOINT TYPE.
18. SAND SHALL BE CLEAN, SHARP AND WELL GRADED, FREE FROM INJURIOUS AMOUNTS OF DUST, LUMPS, SHALE, ALKAU OR ORGANIC MATERIAL.
19. BRICK SHALL CONFORM TO ASTM C-62 AND SHALL BE GRADE MW OR BETTER.

STRUCTURAL CONCRETE NOTES

1. ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE ACI 301-10, ACI 318-08 AND THE SPECIFICATION FOR CAST-IN-PLACE CONCRETE.
2. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH f'c=2,500 PSI AT 28 DAYS UNLESS NOTED OTHERWISE.
3. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60, DEFORMED UNLESS NOTED OTHERWISE. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185 WELDED STEEL WIRE FABRIC UNLESS NOTED OTHERWISE. SPLICES CLASS "B" AND ALL HOOKS SHALL BE STANDARD UNLESS NOTED OTHERWISE. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL UNLESS SHOWN OTHERWISE ON DRAWINGS: CONCRETE CAST AGAINST EARTH.....3 IN.
- CONCRETE EXPOSED TO EARTH OR WEATHER:
#6 AND LARGER.....2 IN.
#5 AND SMALLER & WWF1-1/2 IN.
- CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:
SLAB AND WALL3/4 IN.
BEAMS AND COLUMNS.....1-1/2 IN.
5. A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE U.N.O. IN ACCORDANCE WITH ACI 301 SECTION 4.2.4.
6. HOLES TO RECEIVE EXPANSION/WEDGE ANCHORS SHALL BE 1/8" LARGER IN DIAMETER THAN THE ANCHOR BOLT, DOWEL OR ROD AND SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. LOCATE AND AVOID CUTTING EXISTING REBAR WHEN DRILLING HOLES IN ELEVATED CONCRETE SLABS.
7. USE AND INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER ICBO & MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURES.

GROUNDING NOTES:

1. COMPRESSION CONNECTIONS (2), 2 AWG BARE TINNED SOLID COPPER CONDUCTORS TO GROUNDING BAR. ROUTE CONDUCTORS TO BURIED GROUNDING RING AND PROVIDE PARALLEL EXOTHERMIC WELD.
2. EC SHALL USE PERMANENT MARKER TO DRAW THE LINES BETWEEN EACH SECTION AND LABEL EACH SECTION ("P", "A", "N", "I") WITH 1" HIGH LETTERS.
3. ALL HARDWARE 18-8 STAINLESS STEEL, INCLUDING LOCK WASHERS, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING. ALL HARDWARE SHALL BE STAINLESS STEEL 3/8 INCH DIAMETER OR LARGER.
4. FOR GROUND BOND TO STEEL ONLY: INSERT A CADMIUM FLAT WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH AN ANTI-OXIDANT COMPOUND BEFORE MATING.
5. NUT & WASHER SHALL BE PLACED ON THE FRONT SIDE OF THE GROUNDING BAR AND BOLTED ON THE BACK SIDE.
6. NUMBER OF GROUNDING BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATION, AND CONNECTION ORIENTATION. PROVIDE AS REQUIRED.
7. WHEN THE SCOPE OF WORK REQUIRES THE ADDITION OF A GROUNDING BAR TO AN EXISTING TOWER, THE SUBCONTRACTOR SHALL OBTAIN APPROVAL FROM THE TOWER OWNER PRIOR TO MOUNTING THE GROUNDING BAR TO THE TOWER.
8. ALL ELECTRICAL AND GROUNDING AT THE CELL SITE SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 780 (LATEST EDITION), AND MANUFACTURER.

PLANS PREPARED FOR:



1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:



6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:

**SANTA MARIA
AIRPORT**

SITE NUMBER:

SBSB38

FA NUMBER:

10086370

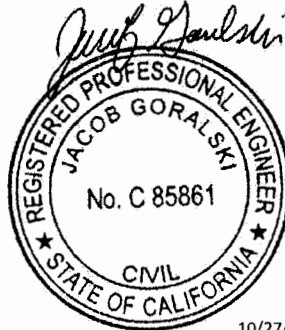
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
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0	10/27/17	FINAL 100% CD's	IAJ

STAMP:



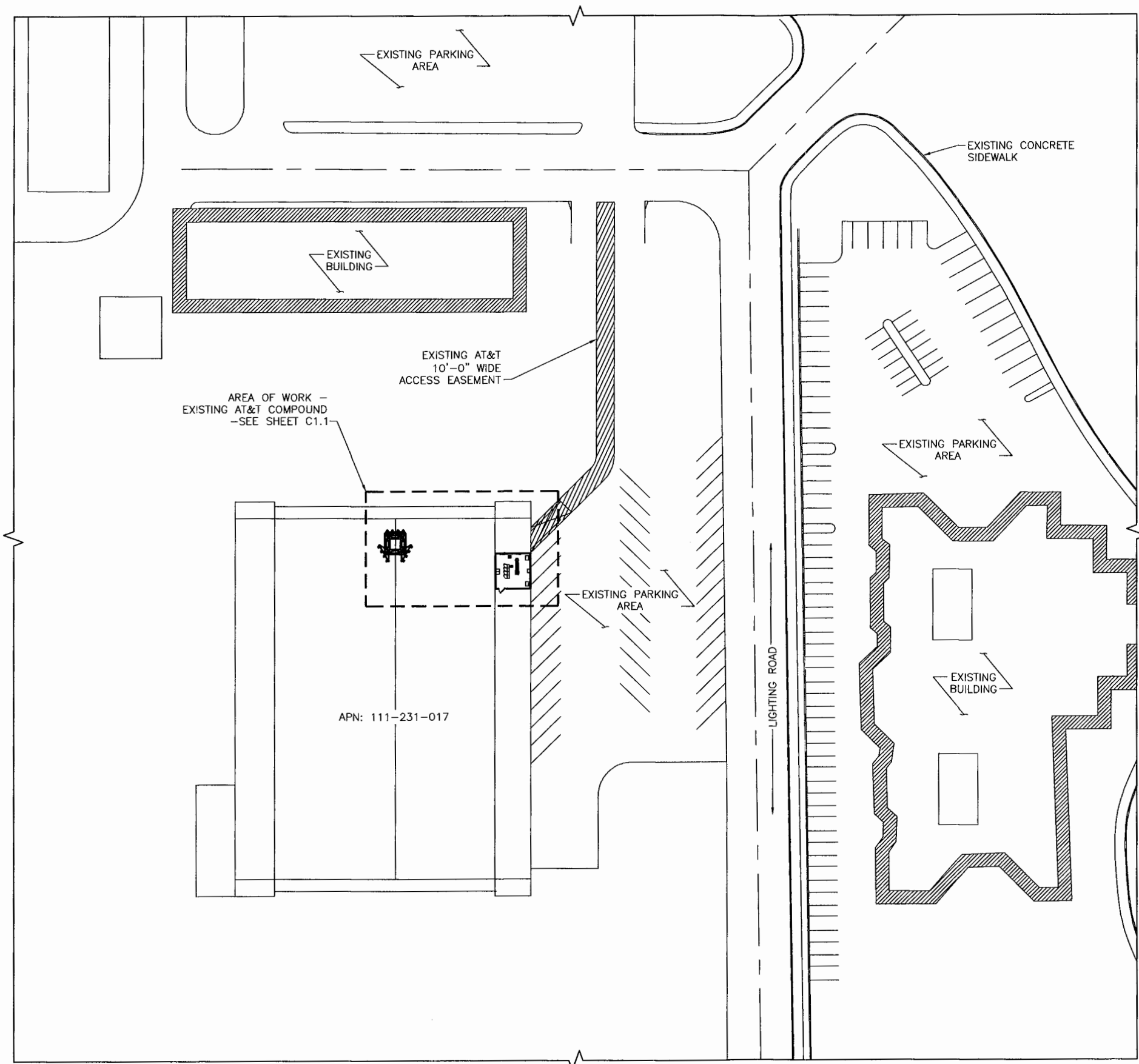
SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

T3

SCALE IS BASED ON 22" x 34" "D" SIZE




1 SITE PLAN
SCALE: 1/32"=1'-0"
TRUE NORTH

NOTES:

1. PROPOSED AT&T LTE ANTENNAS, MOUNTING HARDWARE AND EQUIPMENT TO BE PAINTED TO MATCH EXISTING.

2. VERIFICATION THAT EXISTING TOWER & MOUNTING ATTACHMENTS CAN SUPPORT PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER

PLANS PREPARED FOR:

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PLANS PREPARED FOR:

 **MasTec**
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SITE NAME:
SANTA MARIA AIRPORT

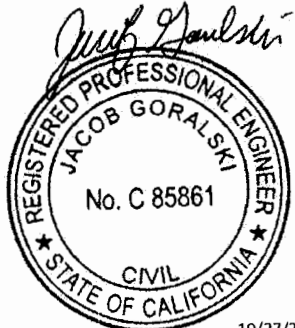
SITE NUMBER:
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**3203 LIGHTING STREET
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LOS ANGELES COUNTY**

REVISION HISTORY			
REV	DATE	DESCRIPTION	BY
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0	10/27/17	FINAL 100% CD's	JAJ

STAMP:

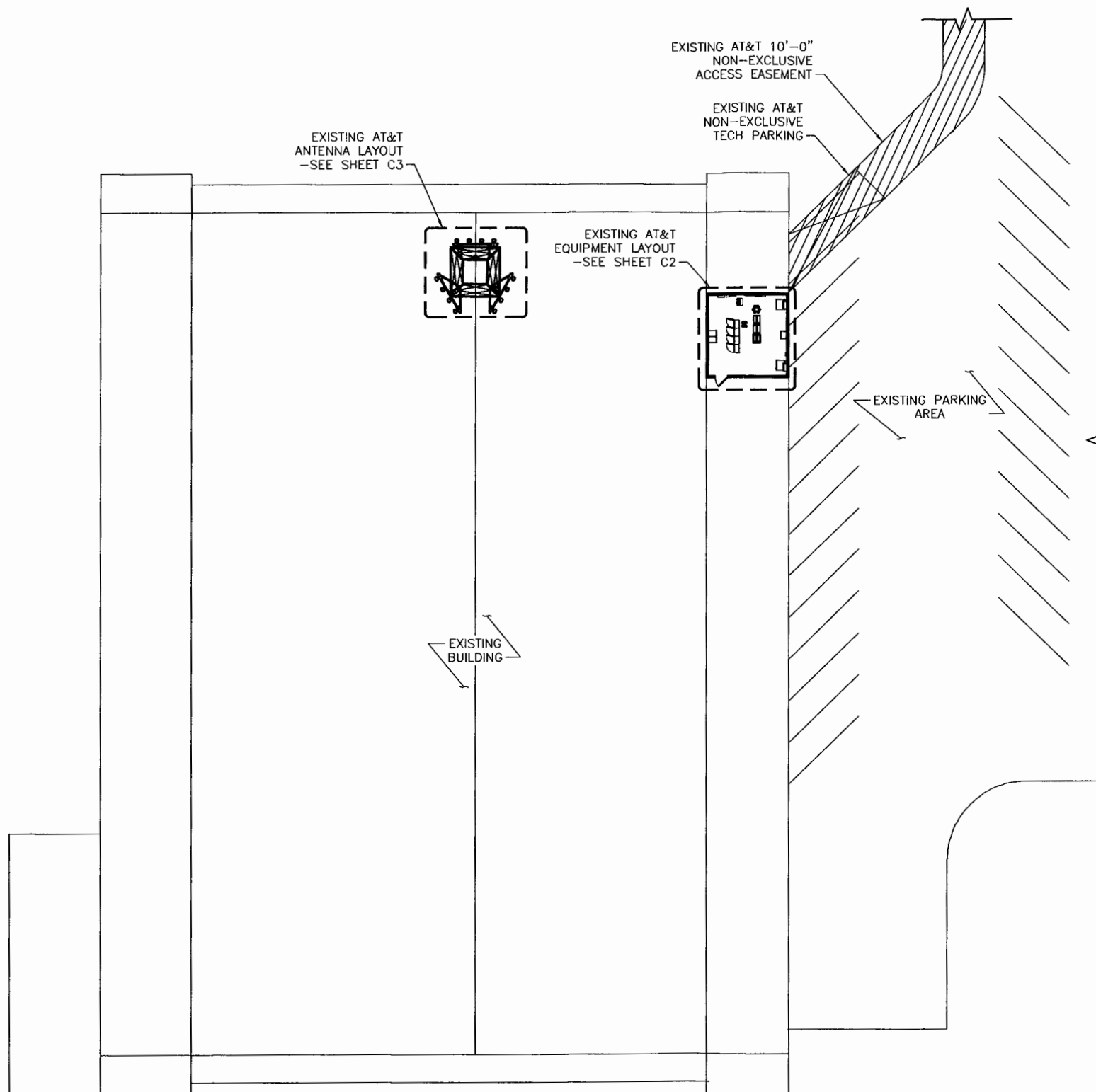


10/27/2017

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C1

SCALE IS BASED ON 22" x 34" "D" SIZE



- NOTES:
1. PROPOSED AT&T LTE ANTENNAS, MOUNTING HARDWARE AND EQUIPMENT TO BE PAINTED TO MATCH EXISTING.
 2. VERIFICATION THAT EXISTING TOWER & MOUNTING ATTACHMENTS CAN SUPPORT PROPOSED LOADING SHALL BE PERFORMED BY A REGISTERED PROFESSIONAL ENGINEER

1 ENLARGED SITE PLAN
SCALE: 1/16"=1'-0"
TRUE NORTH

PLANS PREPARED FOR:

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PLANS PREPARED FOR:

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Network Solutions

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LOS ANGELES COUNTY**

REVISION HISTORY			
REV	DATE	DESCRIPTION	BY
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0	10/27/17	FINAL 100% CD's	JAJ

STAMP:

Jacob Goraliski

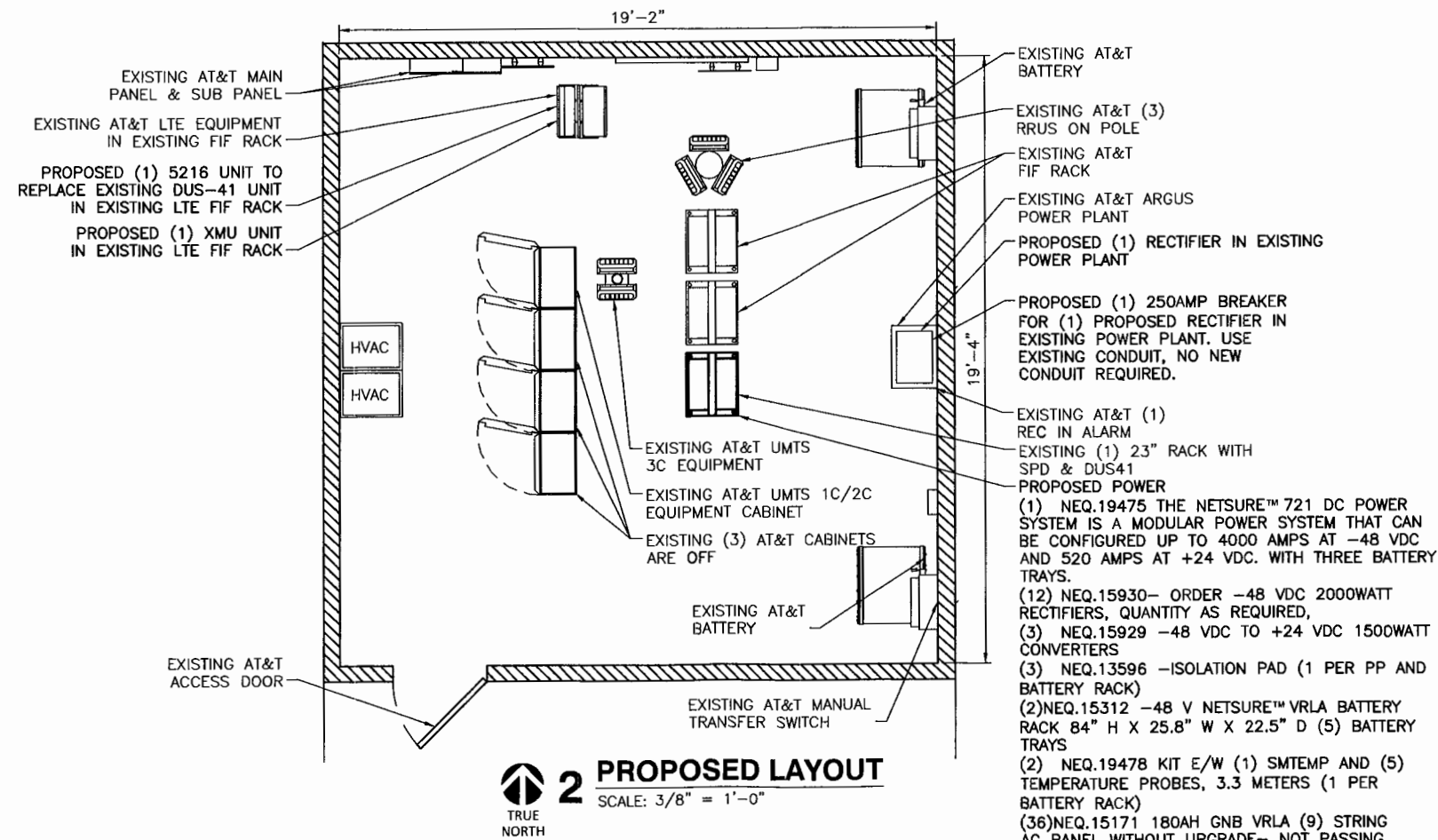
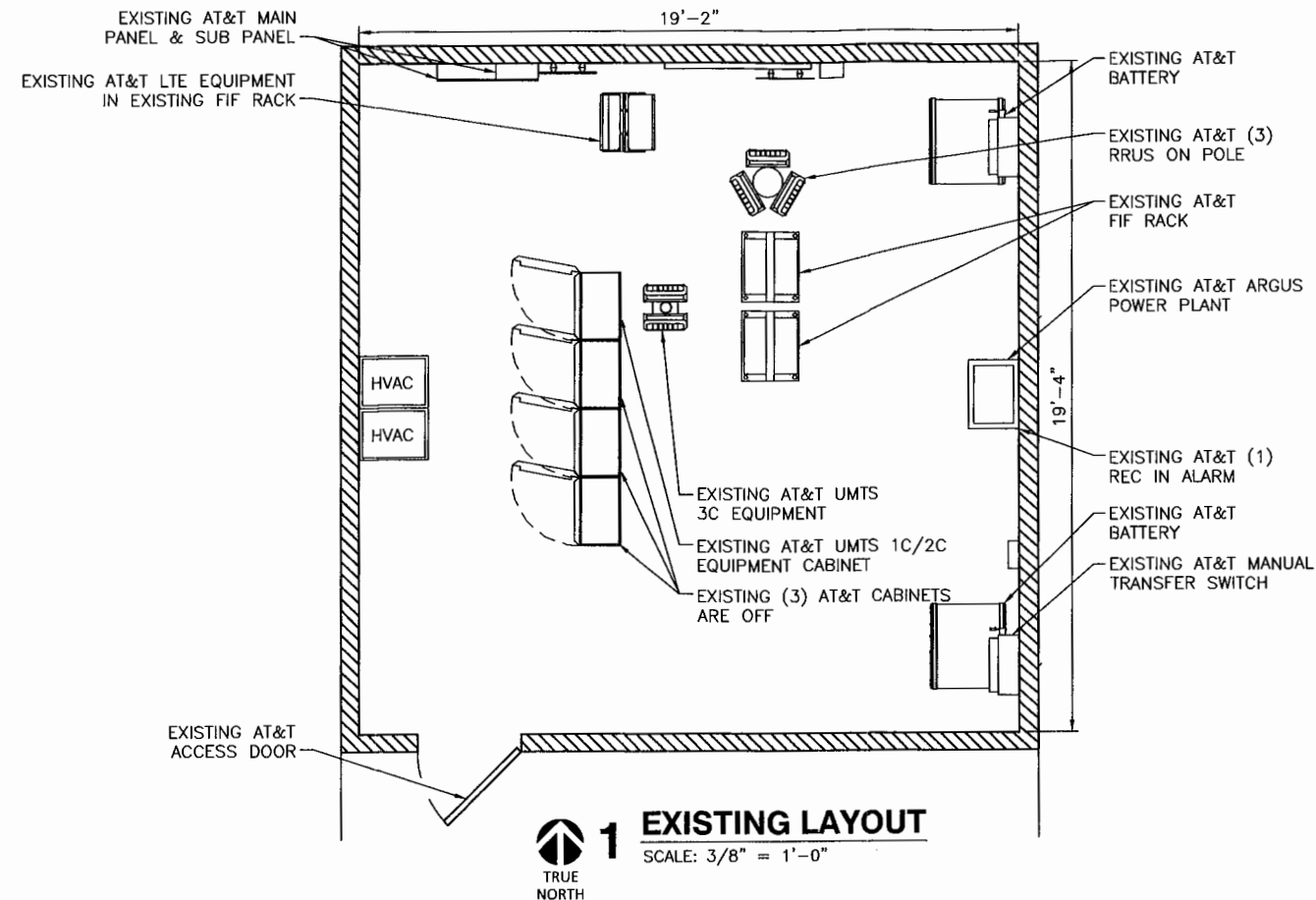
REGISTERED PROFESSIONAL ENGINEER
JACOB GORALSKI
No. C 85861
CIVIL
STATE OF CALIFORNIA

10/27/2017

SHEET TITLE:
ENLARGED SITE PLAN

SHEET NUMBER:
C1.1

SCALE IS BASED ON 22" x 34" "D" SIZE



LEGEND			
	EXIST. EQUIPMENT		NEW EQUIPMENT
	NEW DC POWER CABLE		NEW FIBER CABLE

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SITE NAME:
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LOS ANGELES COUNTY**

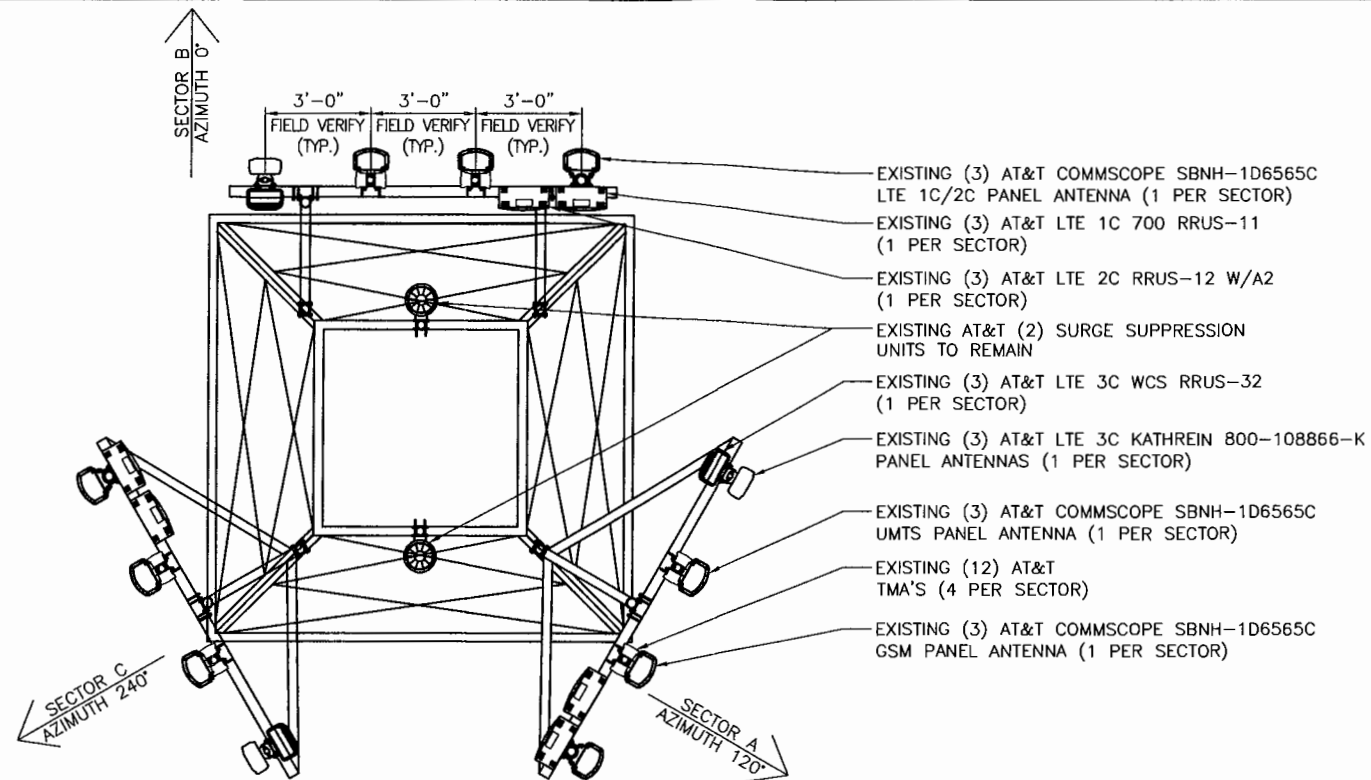
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REV	DATE	DESCRIPTION	BY
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0	10/27/17	FINAL 100% CD's	JAJ

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SHEET TITLE:
EQUIPMENT LAYOUT

SHEET NUMBER:
C2

SCALE IS BASED ON 22" x 34" "D" SIZE



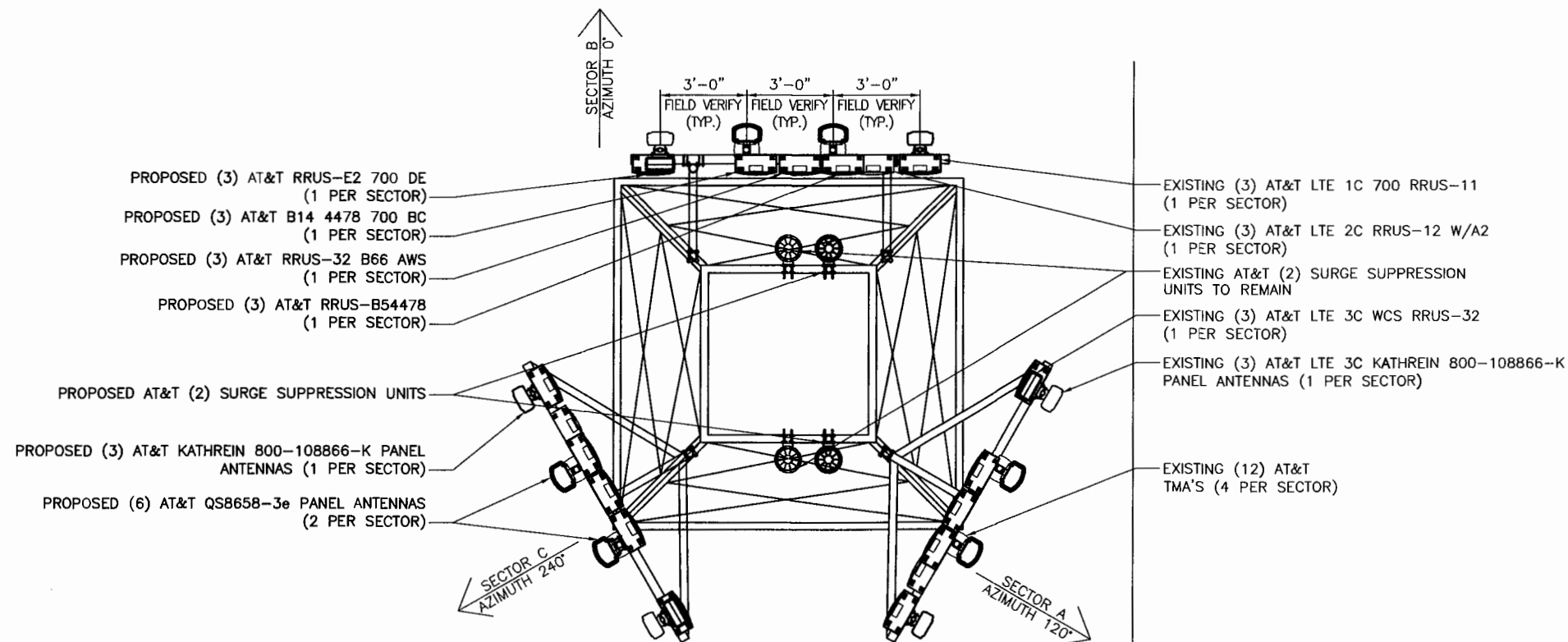
1 EXISTING ANTENNA PLAN
SCALE: NOT TO SCALE

EXISTING AZIMUTHS:
GSM/UMTS: 120° 0' 240°
LTE: 120° 0' 240°

RAD. CENTER

SECTOR 1 - 58°-0"
SECTOR 2 - 58°-0"
SECTOR 3 - 58°-0"

- EXISTING (3) AT&T COMMScope SBNH-1D6565C LTE 1C/2C PANEL ANTENNA (1 PER SECTOR)
- EXISTING (3) AT&T LTE 1C 700 RRUS-11 (1 PER SECTOR)
- EXISTING (3) AT&T LTE 2C RRUS-12 W/A2 (1 PER SECTOR)
- EXISTING AT&T (2) SURGE SUPPRESSION UNITS TO REMAIN
- EXISTING (3) AT&T LTE 3C WCS RRUS-32 (1 PER SECTOR)
- EXISTING (3) AT&T LTE 3C KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR)
- EXISTING (3) AT&T COMMScope SBNH-1D6565C UMTS PANEL ANTENNA (1 PER SECTOR)
- EXISTING (12) AT&T TMA'S (4 PER SECTOR)
- EXISTING (3) AT&T COMMScope SBNH-1D6565C GSM PANEL ANTENNA (1 PER SECTOR)



2 PROPOSED ANTENNA PLAN
SCALE: NOT TO SCALE

PROPOSED AZIMUTHS:
GSM/UMTS: 120° 0' 240°
LTE: 120° 0' 240°

NOTE: EACH RRH UNIT MUST BE WITHIN 15 FEET OF DC SURGE SUPPRESSOR.

RAD. CENTER

SECTOR 1 - 58°-0"
SECTOR 2 - 58°-0"
SECTOR 3 - 58°-0"

- PROPOSED (3) AT&T RRUS-E2 700 DE (1 PER SECTOR)
- PROPOSED (3) AT&T B14 4478 700 BC (1 PER SECTOR)
- PROPOSED (3) AT&T RRUS-32 B66 AWS (1 PER SECTOR)
- PROPOSED (3) AT&T RRUS-B54478 (1 PER SECTOR)
- PROPOSED AT&T (2) SURGE SUPPRESSION UNITS
- PROPOSED (3) AT&T KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR)
- PROPOSED (6) AT&T QS8658-3e PANEL ANTENNAS (2 PER SECTOR)

- EXISTING (3) AT&T LTE 1C 700 RRUS-11 (1 PER SECTOR)
- EXISTING (3) AT&T LTE 2C RRUS-12 W/A2 (1 PER SECTOR)
- EXISTING AT&T (2) SURGE SUPPRESSION UNITS TO REMAIN
- EXISTING (3) AT&T LTE 3C WCS RRUS-32 (1 PER SECTOR)
- EXISTING (3) AT&T LTE 3C KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR)
- EXISTING (12) AT&T TMA'S (4 PER SECTOR)

PLANS PREPARED FOR:

at&t
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TUSTIN, CA 92780

PLANS PREPARED FOR:

MasTec
Network Solutions
6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:

ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:

**SANTA MARIA
AIRPORT**

SITE NUMBER:

SBSB38

FA NUMBER:

10086370

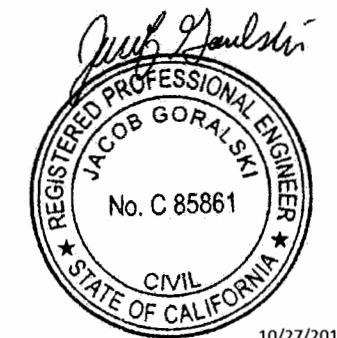
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
D	10/27/17	FINAL 100% CD's	JAJ

STAMP:



10/27/2017

SHEET TITLE:

ANTENNA LAYOUT

SHEET NUMBER:

C3

SCALE IS BASED ON 22" x 34" "D" SIZE

NOTES TO CONTRACTOR:

1. CONTRACTOR IS TO REFER TO AT&T'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION
2. CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE-WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK
3. CONTRACTOR TO VERIFY PORTS HAVE SUFFICIENT ROOM

OPTIMUM ANTENNA AND TRANSMISSION CABLE REQUIREMENTS (VERIFY WITH CURRENT RFDS)												REMOTE RADIO HEAD			
SECTOR	ANTENNA	TECHNOLOGY		ANTENNA MODEL		ANTENNA AZIMUTH		RAD CENTER	TRANSMISSION CABLE			RRH TYPE	QUANTITY		RRH LOCATION
		EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED		LENGTH	QTY	TYPE		EXISTING	PROPOSED	
ALPHA	A1	LTE 1C/2C	—	COMMSCOPE SBNH-1D6565C	KATHREIN 800-10866-K	120°	120°	58'-0"	±100'	1 2	FIBER DC POWER	RRUS-11 700 RRUS-12 1900	1 1	0 1	TOP
	A2	GSM	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	120°	120°	58'-0"	±100'	2	COAX	B14 2278 700 BC RRUS-32 B66 AWS B54478	0 0 0	1 1 1	TOP
	A3	UMTS	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	120°	120°	58'-0"	±100'	2	COAX	—	—	—	—
	A4	LTE OFF	LTE 3C	KATHREIN 800-10866-K	(E) KATHREIN 800-10866-K	120°	120°	58'-0"	±100'	SHARED SHARED	FIBER DC POWER	RRUS-32 B30 WCS RRUS-E2 700 DE	1 0	0 1	TOP
BETA	B1	LTE 1C/2C	—	COMMSCOPE SBNH-1D6565C	KATHREIN 800-10866-K	0°	0°	58'-0"	±100'	1 2	FIBER DC POWER	RRUS-11 700 RRUS-12 1900	1 1	0 1	TOP
	B2	GSM	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	0°	0°	58'-0"	±100'	2	COAX	B14 2278 700 BC RRUS-32 B66 AWS B54478	0 0 0	1 1 1	TOP
	B3	UMTS	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	0°	0°	58'-0"	±100'	2	COAX	—	—	—	—
	B4	LTE OFF	LTE 3C	KATHREIN 800-10866-K	(E) KATHREIN 800-10866-K	0°	0°	58'-0"	±100'	SHARED SHARED	FIBER DC POWER	RRUS-32 B30 WCS RRUS-E2 700 DE	1 0	0 1	TOP
GAMMA	C1	LTE 1C/2C	—	COMMSCOPE SBNH-1D6565C	KATHREIN 800-10866-K	240°	240°	58'-0"	±100'	1 2	FIBER DC POWER	RRUS-11 700 RRUS-12 1900	1 1	0 1	TOP
	C2	GSM	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	240°	240°	58'-0"	±100'	2	COAX	B14 2278 700 BC RRUS-32 B66 AWS B54478	0 0 0	1 1 1	TOP
	C3	UMTS	—	COMMSCOPE SBNH-1D6565C	QS8658-3e	240°	240°	58'-0"	±100'	2	COAX	—	—	—	—
	C4	LTE OFF	LTE 3C	KATHREIN 800-10866-K	(E) KATHREIN 800-10866-K	240°	240°	58'-0"	±100'	SHARED SHARED	FIBER DC POWER	RRUS-32 B30 WCS RRUS-E2 700 DE	1 0	0 1	TOP

3 ANTENNA AND RRUS SCHEDULE

PLANS PREPARED FOR:



PLANS PREPARED FOR:

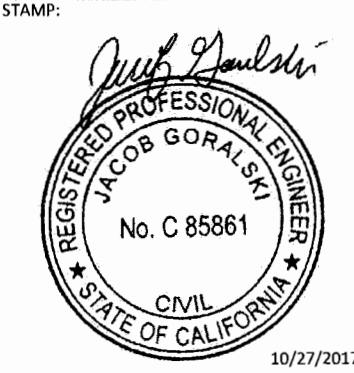


PLANS PREPARED BY:



SITE NAME:
SANTA MARIA AIRPORT
SITE NUMBER:
SBSB38
FA NUMBER:
10086370
SITE ADDRESS:
**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY			
REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
0	10/27/17	FINAL 100% CD's	JAJ



SHEET TITLE:
ANTENNA SCHEDULE
SHEET NUMBER:
C3.1
SCALE IS BASED ON 22" x 34" "D" SIZE

TOP OF ROOF MOUNTED TOWER
ELEV. ±68'-0"

TOP OF PROPOSED AT&T PANEL ANTENNAS
ELEV. ±62'-0"

EXISTING & PROPOSED AT&T PANEL ANTENNAS RAD CENTER
ELEV. ±58'-0"

EXISTING (3) AT&T LTE 1C 700 RRUS-11
(1 PER SECTOR)

EXISTING (3) AT&T LTE 2C RRUS-12 W/A2
(1 PER SECTOR)

EXISTING (2) AT&T SURGE
SUPPRESSION UNIT

PROPOSED (3) AT&T KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR)
PROPOSED (6) AT&T QS8658-3e PANEL ANTENNAS (2 PER SECTOR)
EXISTING (3) AT&T LTE 3C WCS RRUS-32 (1 PER SECTOR 3 SECTORS 3 TOTAL)

PROPOSED (3) AT&T B14 4478 700 BC (1 PER SECTOR)
PROPOSED (3) AT&T RRUS-32 B66 AWS (1 PER SECTOR)
PROPOSED (3) AT&T RRUS-B54478 (1 PER SECTOR)

EXISTING (3) AT&T LTE 3C KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR 3 SECTORS 3 TOTAL)
PROPOSED (3) AT&T RRUS-E2 700 DE (1 PER SECTOR)

EXISTING ROOF MOUNTED TOWER

EXISTING BUILDING

TOP OF BUILDING TOWER
ELEV. ±42'-0"

1 SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

FOR STRUCTURAL INTEGRITY OF THE
TOWER, REFER TO STRUCTURAL
ANALYSIS REPORT, DONE BY OTHERS.

TOP OF ROOF MOUNTED TOWER
ELEV. ±68'-0"

TOP OF PROPOSED AT&T PANEL ANTENNAS
ELEV. ±62'-0"

EXISTING & PROPOSED AT&T PANEL ANTENNAS RAD CENTER
ELEV. ±58'-0"

EXISTING (3) AT&T LTE 1C 700 RRUS-11
(1 PER SECTOR)

EXISTING (3) AT&T LTE 2C RRUS-12 W/A2
(1 PER SECTOR)

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SUPPRESSION UNIT

PROPOSED (3) AT&T KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR)
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PROPOSED (3) AT&T RRUS-32 B66 AWS (1 PER SECTOR)
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EXISTING (3) AT&T LTE 3C KATHREIN 800-108866-K PANEL ANTENNAS (1 PER SECTOR 3 SECTORS 3 TOTAL)

PROPOSED (3) AT&T RRUS-E2 700 DE (1 PER SECTOR)

EXISTING ROOF MOUNTED TOWER

EXISTING BUILDING

TOP OF BUILDING TOWER
ELEV. ±42'-0"

2 NORTH ELEVATION

SCALE: 1/8" = 1'-0"

FOR STRUCTURAL INTEGRITY OF THE
TOWER, REFER TO STRUCTURAL
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PLANS PREPARED FOR:



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SUITE NO. 6
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SITE NAME:

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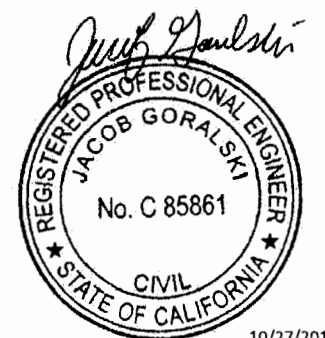
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
O	10/27/17	FINAL 100% CD's	JAJ

STAMP:



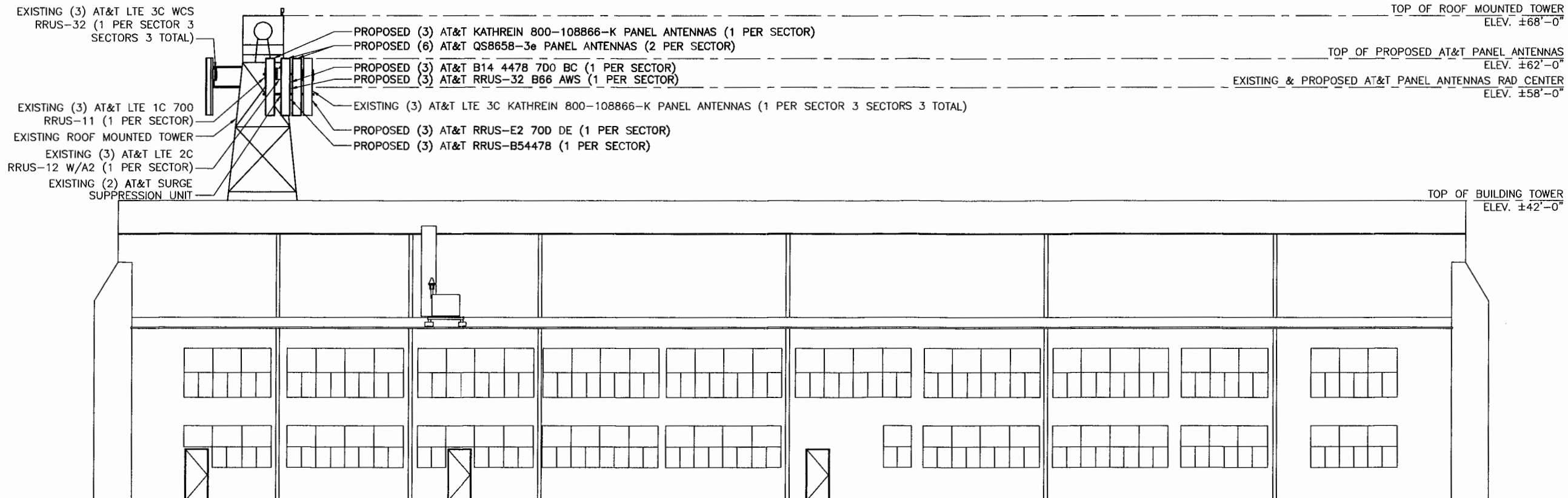
SHEET TITLE:

TOWER ELEVATION

SHEET NUMBER:

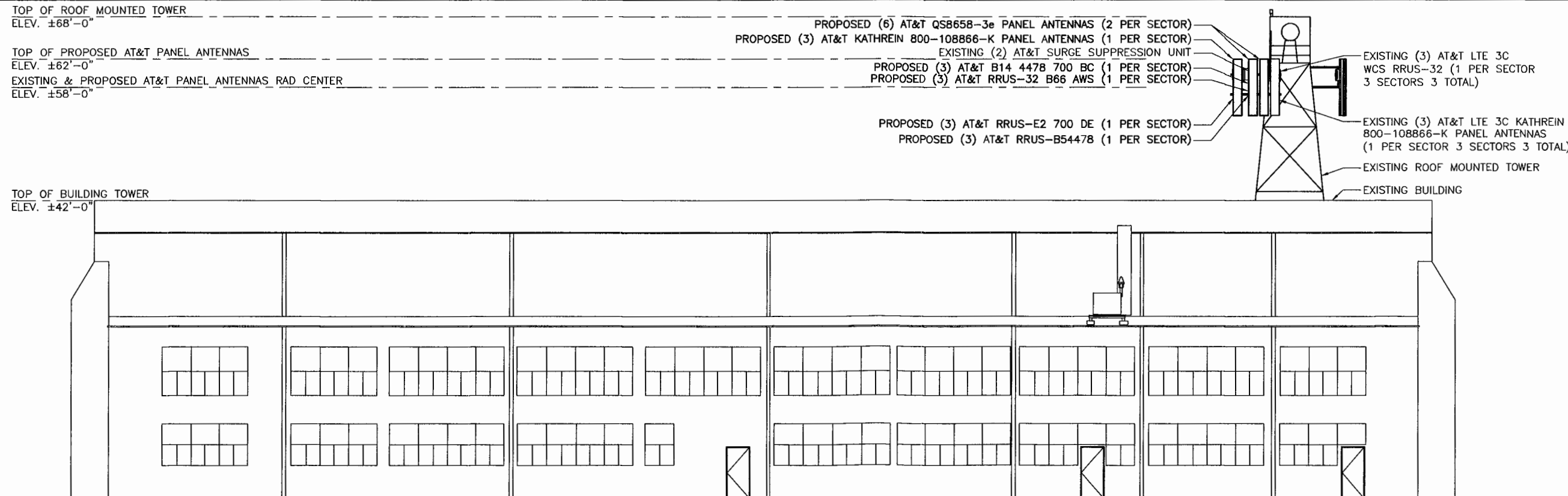
C4

SCALE IS BASED ON 22" x 34" "D" SIZE



1 WEST ELEVATION
SCALE: 1/8" = 1'-0"

FOR STRUCTURAL INTEGRITY OF THE TOWER, REFER TO STRUCTURAL ANALYSIS REPORT, DONE BY OTHERS.



2 EAST ELEVATION
SCALE: 1/8" = 1'-0"

FOR STRUCTURAL INTEGRITY OF THE TOWER, REFER TO STRUCTURAL ANALYSIS REPORT, DONE BY OTHERS.

PLANS PREPARED FOR:



PLANS PREPARED FOR:



PLANS PREPARED BY:



SITE NAME:

SANTA MARIA AIRPORT

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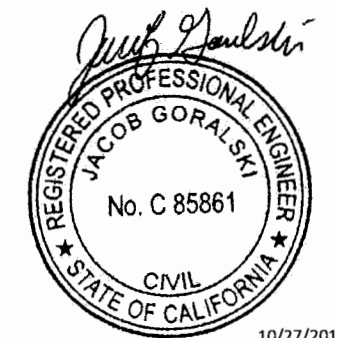
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	IAJ
0	10/27/17	FINAL 100% CD's	IAJ

STAMP:



SHEET TITLE:

TOWER ELEVATION

SHEET NUMBER:

C4.1

SCALE IS BASED ON 22" x 34" "D" SIZE



UCXMU03	UCXMU03	CEQ 15212
	- KDU 137 949/1 (CEQ 15213)	
	- Signal cable RPM 777 279/00360 x 2	
	- Power cable RPM 777 193/00200 x 1	

- > In controlled environments
- Mounting in standard DU slots, DU adapters and radio shelf.
- Size h x w x d: 31 x 350 x 280 [mm]

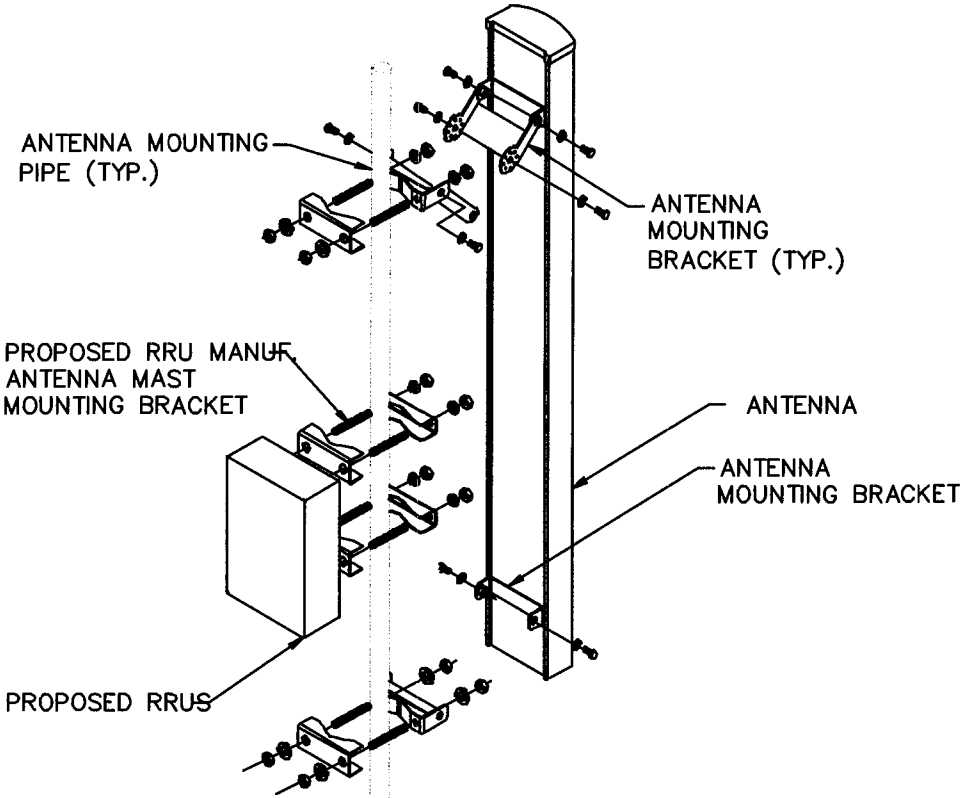


- Mounting in 19" racks or in transmission compartment below air restrictor plate by use of SUP 6601 v2

	KRC 137 949/1
Dimensions H x W x D (with solar shield and handle)	122" x 13 8" x 11"
Weight	5 lbs
Heat dissipation	50W (typical) 50W (max)
Operating temperature range	5 to 50° C (41 to 122° F)

1 XMU SPECIFICATIONS

SCALE: NOT TO SCALE



3 ANTENNA & RRU MOUNTING

SCALE: NOT TO SCALE

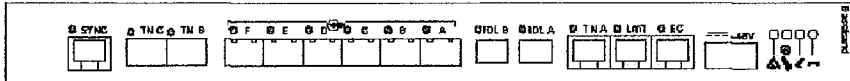


Table 1 Dimensions and Weight

Baseband	Height	Width	Depth	Weight
Baseband 5216	350 mm	31 mm	280 mm	< 4kg
Baseband 5212				

2 NOT USED

SCALE: NOT TO SCALE

4 5216 SPECIFICATIONS

SCALE: NOT TO SCALE

PLANS PREPARED FOR:



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TUSTIN, CA 92780

PLANS PREPARED FOR:



6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



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8301 Lakeview Pkwy,
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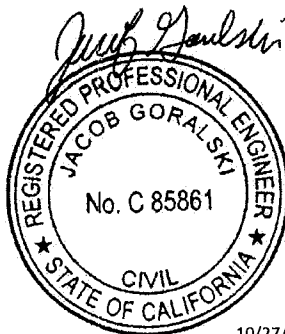
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

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A	10/16/17	90% CD's	JAJ
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STAMP:



10/27/2017

SHEET TITLE:

EQUIPMENT DETAILS

SHEET NUMBER:

D1

SCALE IS BASED ON 22" x 34" "D" SIZE

6-Port Antenna

R1		
----	--	--

Frequency Range

698-960	1710-2690	1710-2690
---------	-----------	-----------

Dual Polarization

X	X	X
---	---	---

HPBW

65°	65°	65°
-----	-----	-----

Adjust. Electr. DT

1°-10°	2.5°-12°	2.5°-12°
--------	----------	----------

set by FlexRET

KATHREIN



6-Port Antenna 698-960/1710-2690/1710-2690 65°/65°/65° 17/18/18dBi
1°-10°/2.5°-12°/2.5°-12°T

Type No.		80010866			
Left side, lowband		R1, connector 1-2			
		698-960			
Frequency Range	MHz	698 - 820	790 - 862	824 - 894	880 - 960
Gain at mid Tilt	dBi	16.3	16.8	17.0	17.3
Gain over all Tilts	dBi	16.2 ± 0.5	16.8 ± 0.4	17.0 ± 0.3	17.3 ± 0.2
Horizontal Pattern:					
Azimuth Beamwidth	°	67 ± 2.4	65 ± 1.4	65 ± 0.9	64 ± 1.3
Front-to-Back Ratio, Total Power, ± 30°	dB	> 21	> 24	> 26	> 27
Cross Polar Discrimination at Boresight	dB	> 24	> 25	> 25	> 26
Cross Polar Discrimination over Sector	dB	> 6.5	> 7.0	> 9.0	> 10.0
Azimuth Beam Port-to-Port Tracking	dB	< 2.0	< 2.5	< 2.0	< 2.0
Vertical Pattern:					
Elevation Beamwidth	°	8.7 ± 0.7	7.9 ± 0.5	7.6 ± 0.4	7.2 ± 0.4
Electrical Downtilt continuously adjustable	°	1.0 - 10.0			
Tilt Accuracy	°	< 0.3	< 0.4	< 0.4	< 0.4
First Upper Side Lobe Suppression	dB	> 17	> 17	> 17	> 18
Upper Side Lobe Suppression, 20° Sector above Main Beam	dB	> 16	> 15	> 15	> 16
Cross Polar Isolation	dB	> 30			
Port to Port Isolation	dB	> 30 (R1 // Y1, Y2)			
Max. Effective Power per Port	W	400 (at 50 °C ambient temperature)			

Values based on NGMN-P-BASTA (version 9.6) requirements.

1 KATHREIN 80010866 ANTENNA DETAIL
SCALE: NOT TO SCALE

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EQUIPMENT DETAILS
SHEET NUMBER:
D1.1
SCALE IS BASED ON 22" x 34" "D" SIZE



QS8658-3e MultiServ

8ft 65° XXX MultiServ™ 8-Port Antenna

2x698-806MHz / 2x824-894MHz / 2x1695-2400MHz / 2x1695-2400MHz

- Provides 8 antenna Ports in a slim-line form factor
- Optimized Azimuth patterns for Min Inter-Sector Interference
- Industry leading Minimal Wind-Load design

- FirstNet 700MHz Band 14 Ready
- 700, 850, PCS, AWS & WCS bands in one antenna
- AISG & 3GPP compliant internal remote electrical tilt (RET)

The Quintel MultiServ™ Multiband 8 Port Antenna with patented QTilt™ technology uniquely delivers four independent services in a single slim-line antenna. This enables existing antenna network sites to be upgraded constraint free to add new services such as LTE for 700, 850, PCS, AWS and WCS bands with the replacement of one antenna. The QS8658-3e also provides 4x 1695-2400MHz ports as two side-by-side (CLA-2X) arrays, each array having independent tilt to support independent service, or for connection to 2T4R/4T4R service.

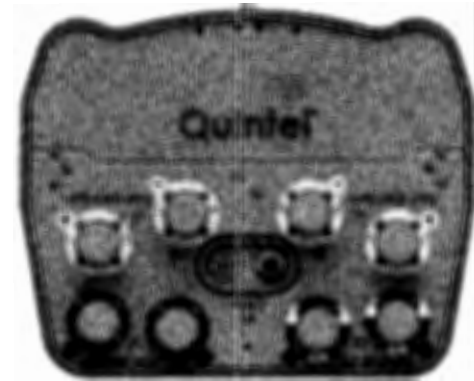
Electrical Characteristics	2x Ports 1&2	2x Ports 3&4	2x Ports 5&6 2x Ports 7&8			
Operating Frequency (MHz)	698-806	824-894	1695-2400			
	698-806	824-894	1710-1780	1850-1990	2110-2180	2300-2400
Azimuth beamwidth ¹	64°	60°	70°	68°	63°	60°
Elevation beamwidth ¹	10.5°	8.7°	6.2°	5.9°	5.2°	4.8°
Gain ¹ (dBi)	15.0	15.0	17.0	16.5	17.5	17.5
Polarization	±45°	±45°	±45°			
Electrical down-tilt range	2°-10°	2°-10°	2°-10°			
Upper SLL (20° > mainbeam) ¹	-15dB	-15.5dB	-16dB	-16dB	-16dB	-16dB
Front to Back Ratio(180°±10°) ¹	≥30dB	≥27dB	≥28dB	≥28dB	≥30dB	≥30dB
Port to Port Isolation ¹	≥29dB	≥27dB	≥28dB	≥28dB	≥30dB	≥30dB
Return loss (VSWR)	14dB(1.5)	14dB(1.5)	14dB(1.5)	14dB(1.5)	14dB(1.5)	14dB(1.5)
Squint ¹	<±3°	<±2°	<±2°	<±3°	<±4°	<±3°
Tracking ¹	<±3dB	<±3dB	<±4dB	<±2dB	<±3dB	<±4dB
X Polar Discrimination (at 0°)	>24dB	>14dB	>20dB	>18dB	>17dB	>16dB
Power handling (per port)	500 watts	500 watts	250 watts			
PIM (3 rd Order) (2x43dBm)	>153dBc	>153dBc	>153dBc			

¹ Typical Performance across frequency and Downlink.

Mechanical Characteristics	
Dimensions	L 96" (2438mm) x W 12" (304mm) x D 9.6" (245mm)
Weight (excl mounting brackets)	98lbs (44.4kg)
No. of Connectors	8x 7/16 DIN Female Long Neck
Max Wind Speed	150mph (67m/s)
Effective Projected Area	Front: 3.2ft² (0.30m²) Side: 6.3ft² (0.59m²)
Wind Load @160km/h (45m/s)	Front: 352N (79.2 lbs). Side: 695N (156 lbs)
Operating Temperature	-40°C to +65°C

Fully Integrated RET Characteristics	
AISG Standards	V1.1, V 2.0 and 3GPP
Factory Default	AISG 2.0
Surge immunity	IEC 61000-4-5:2005 4KV(AISG PIN)
Device Type	SRET Type 1
AISG Data rate	9.6 kbps
No of connectors	1in, 1out
Connector type	IEC 60130-9 (Ed 3.0)
MTBF	36,000 Operational moves

Designed for
FirstNet



Quintel Product Datasheet QS8658-3E (700-2400 3ft 65deg) Feb 2017 (Rev 1.0) docx



QS8658-3e MultiServ

8ft 65° XXX MultiServ™ 8-Port Antenna

2x698-806MHz / 2x824-894MHz / 2x1695-2400MHz / 2x1695-2400MHz

RET Configuration

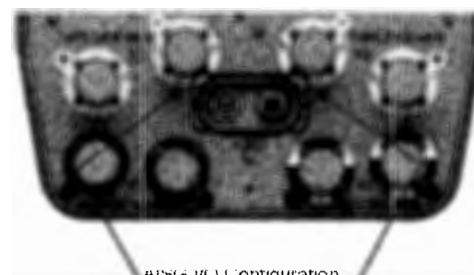
The Quintel MultiServ™ Multiband 8 Port Antennas have the following Array, RF Port and AISG I/O Configurations.

The 8-Port array topology consists of 3 radiating arrays:

R1/R2 -- 698-894MHz
Y1 -- 1695-2400MHz
Y2 -- 1695-2400MHz

RF Connector Port Configuration

Ports	Freq (MHz)
R1 1-2	698-806
R2 3-4	824-894
Y1 5-6	1695-2400
Y2 7-8	1695-2400



AISG I/O Configuration

RET Device	Band	RF Ports
1	698-806	1-2
2	824-894	3-4
3	1695-2400	5-6
4	1695-2400	7-8

About Quintel

Quintel is a leading innovator in the design, development, and delivery of network-efficient antenna solutions for wireless operators worldwide. The company's products enable global wireless operators to independently deploy and optimize multiple air interfaces or services on a single standard antenna platform. Quintel is the only antenna maker whose products can increase a wireless network's capacity and provide additional services, without increasing the number or size of antennas. Quintel is headquartered in Rochester, New York with additional offices throughout North America and Europe. More information about Quintel is available at www.quintelsolutions.com.

Tel (Americas): +1 (585) 420-8720

info@quintelsolutions.com

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6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:

**SANTA MARIA
AIRPORT**

SITE NUMBER:

SBSB38

FA NUMBER:

10086370

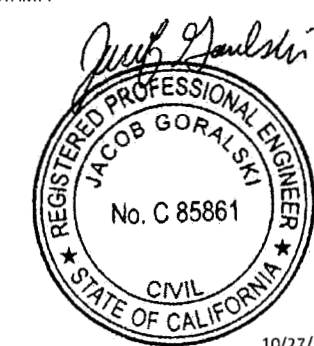
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAJ
0	10/27/17	FINAL 100% CD's	JAJ

STAMP:



SHEET TITLE:

EQUIPMENT DETAILS

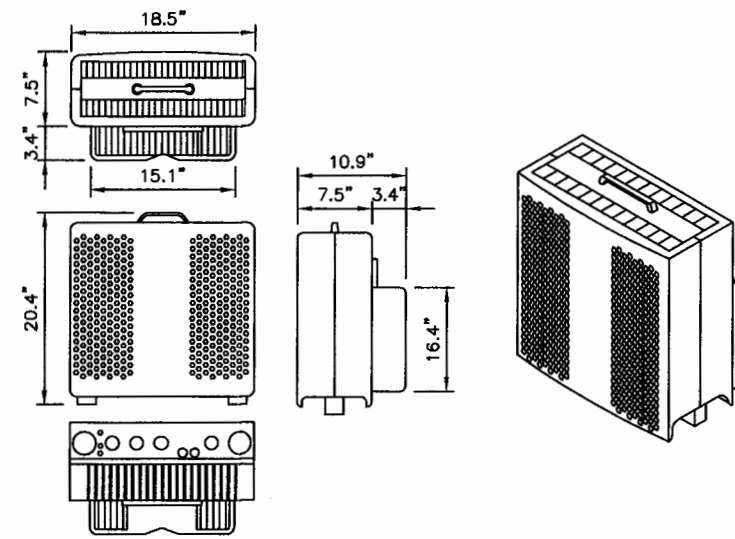
SHEET NUMBER:

D1.2

SCALE IS BASED ON 22" x 34" "D" SIZE

ERICSSON RRUS-12 W/
A2 RX-ONLY MODULE

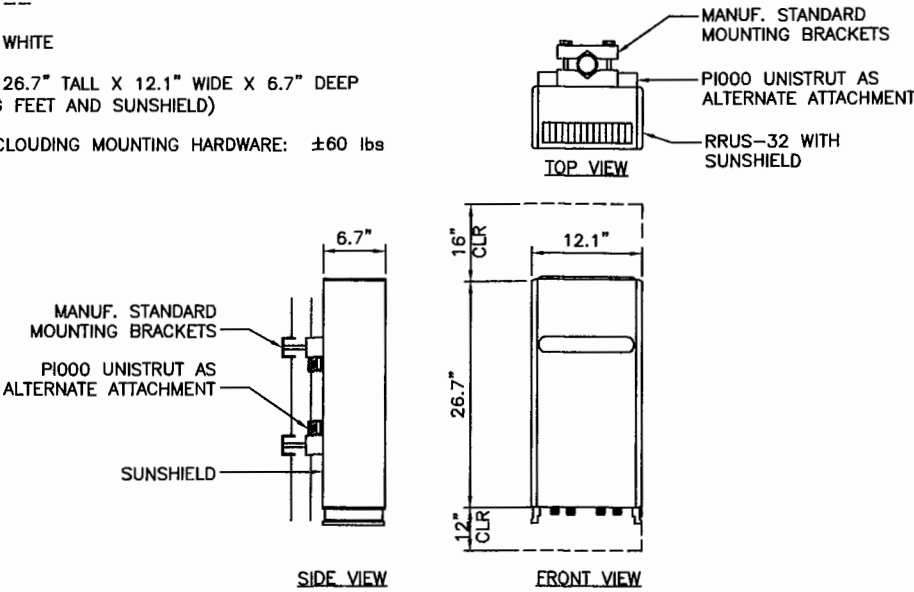
DIMENSIONS, HxWxD: 20.4"x18.5"x10.9"
POWER CONSUMPTION: 200 WATTS
TOTAL WEIGHT: 72 lbs
TEMPERATURE: -40° TO 55° C



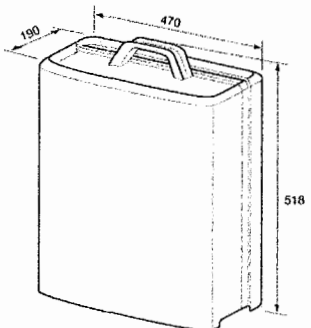
1 **RRUS-12 SPECIFICATIONS**
SCALE: NOT TO SCALE

ERICSSON RRU-32

MODEL: ---
COLOR: WHITE
DIMENSION: 26.7" TALL X 12.1" WIDE X 6.7" DEEP
(INCLUDING FEET AND SUNSHIELD)
WEIGHT, EXCLUDING MOUNTING HARDWARE: ±60 lbs



2 **RRUS-32 SPECIFICATIONS**
SCALE: NOT TO SCALE

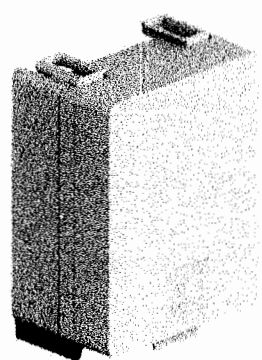


ERICSSON RRUS E2	
TECHNOLOGY	LTE
POWER	2 x 40 Watts
FREQUENCY	717 TO 728 MHZ DOWNLINK (B29 FOR LTE)
PHYSICAL DIMENSIONS HxWxD	20.39" x 18.5" x 7.48"
WEIGHT	52.91 lbs
HEAT DISSIPATION	420W
OPERATING TEMPERATURE RANGE	-40 to +131 °F
POWER REQUIREMENT	-48V DC

3 **RRUS-E2 SPECIFICATIONS**
SCALE: NOT TO SCALE

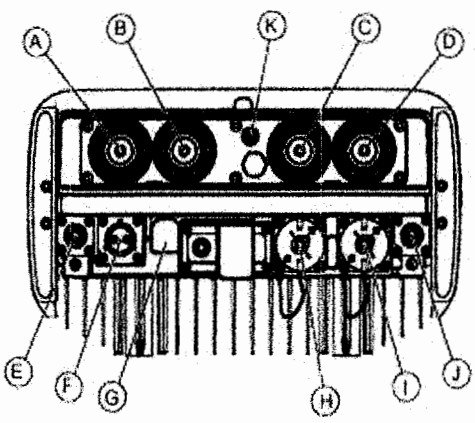
RRUS 4478 B14

- › B14
 - TX = 758 -- 768 MHz
 - RX = 788 -- 798 MHz
- › CPRI 2 ports x 2.5/4.9/9.8/10.1 Gbps. Install 1 SFP and connect 1 fiber pair to the RRUS 4478 during initial install.
- › Only use Ericsson supplied and approved SFPs RDH10247/3
- › 2 external alarm inputs
- › Max wind load @ 50m/sec = 350N
- › Breaker size = 30A, DC Power Consumption = 880W (for dimensioning)
- › 200mm horizontal separation required for side by side mounting
- › 200mm separation required from antenna backplane to radio
- › 600mm/800mm vertical outdoor/indoor separation required
- › Min, Max DC cable size from squid to radio = 10,8 AWG
 - Adapter is required for 2-wire connection
 - Shielded DC cable is required
- › Ground cable size = 2AWG
- › Dimensions (incl. handles, feet and sunshield)
 - Height: 15" (380 mm)
 - Width: 13.2" (335 mm)
 - Depth: 7.3" (186 mm)
- › Weight, excl. mounting hardware = 59.4 lbs (27 kg)



RRUS 32 Datasheet for Tool Vendors | Confidential in accordance | Rev A | 2016-01-01 | Page 2

RRUS 4478 B14 CONNECTION
INTERFACES



Position	Description	Marking
A	Antenna A	A1#
B	Antenna B	B1#
C	Antenna C	C1#
D	Antenna D	D1#
E	Antenna Line Device (ALD) ⁽¹⁾	ALD
F	48 V DC power supply	POWER
G	Grounding	↓
H	Optical cable 1	①-1
I	Optical cable 2	①-2
J	External alarm	⚡
K	For future use	-

(1) Used for a Remote Electrical Tilt (RET) unit, for example

RRUS 32 Datasheet for Tool Vendors | Confidential in accordance | Rev A | 2016-01-01 | Page 2

4 **B14 4478 700 BC SPECIFICATIONS**
SCALE: NOT TO SCALE

PLANS PREPARED FOR:

1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:

6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:

ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
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SITE NAME:
**SANTA MARIA
AIRPORT**

SITE NUMBER:
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SITE ADDRESS:
**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

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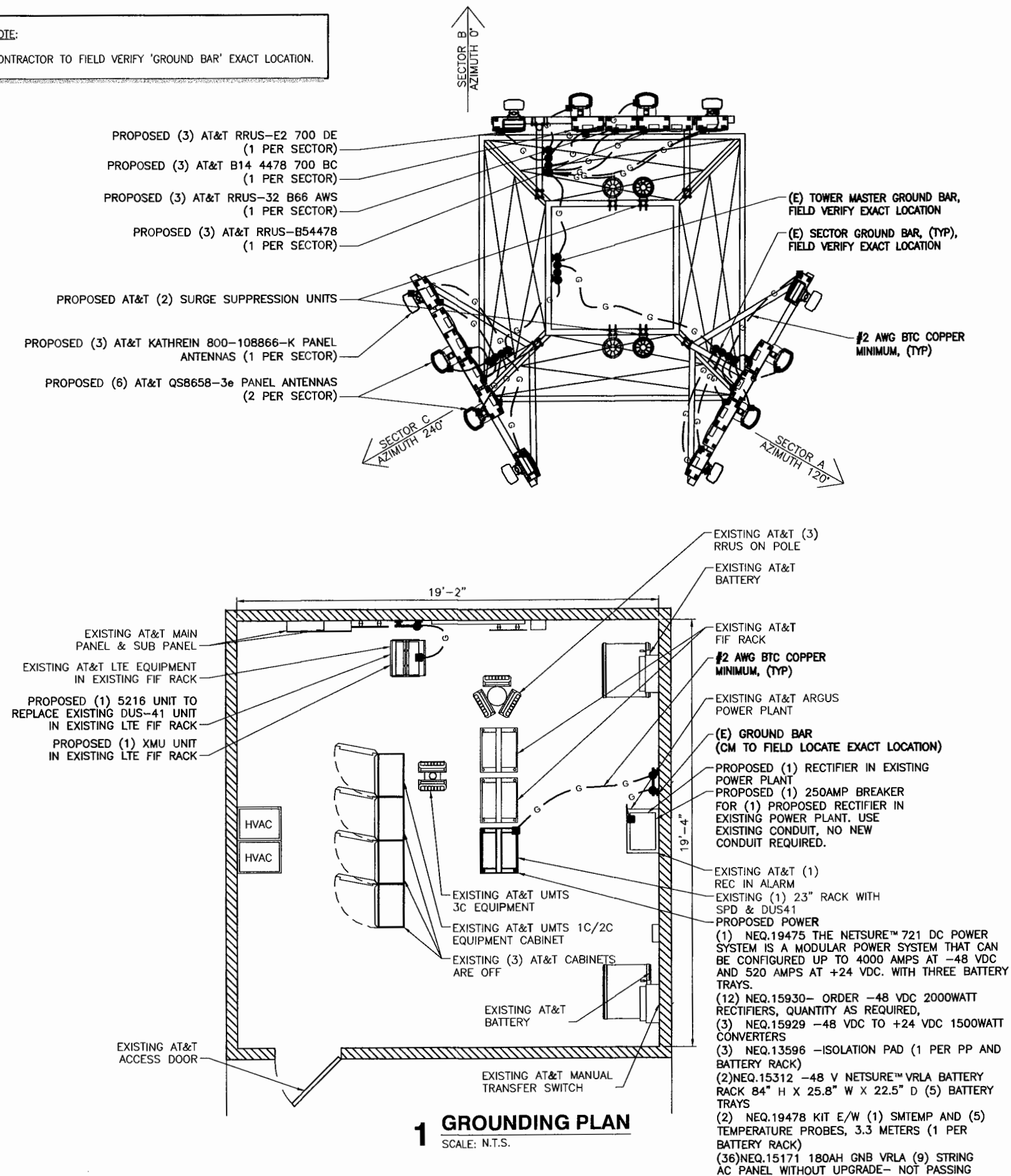
STAMP:

SHEET TITLE:
EQUIPMENT DETAILS

SHEET NUMBER:
D1.3

SCALE IS BASED ON 22" x 34" "D" SIZE

NOTE:
CONTRACTOR TO FIELD VERIFY 'GROUND BAR' EXACT LOCATION.



1 GROUNDING PLAN
SCALE: N.T.S.

1. THE CONDUIT ROUTING AND GROUNDING ARE DIAGRAMMATICALLY SHOWN ON THE PLANS AND ARE ONLY APPROXIMATIONS. THE EXACT LOCATION AND ROUTING SHALL BE FIELD VERIFIED.
2. THE SUBCONTRACTOR SHALL SUPPLY AT&T WITH THE RESULTS FROM PRE-CONSTRUCTION AND POST- CONSTRUCTION OHM TESTING (GROUNDING) RESULTS ON ALL MODIFIED CELL SITES AND AS REQUIRED BY AT&T GROUNDING & BONDING STANDARD TP-76416.
3. THE SUBCONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TWO APPROVED "FALL OF POTENTIAL" TESTS. THE FIRST, WILL BE CONDUCTED PRIOR TO MAKING CONNECTIONS AND THE SECOND WILL BE CONDUCTED AFTER THE FINAL CONNECTIONS HAVE BEEN MADE TO PROPOSED EQUIPMENT, THE SUPPLEMENTAL GROUNDING SYSTEM, AND THE EXISTING GROUNDING SYSTEM. THESE TESTS SHALL BE PERFORMED BY A QUALIFIED AND CERTIFIED TESTING AGENT. PROVIDE INDEPENDENT TEST RESULTS TO THE PROJECT MANAGER FOR REVIEW. THE GROUNDING SYSTEM RESISTANCE TO EARTH GROUNDING SHALL NOT EXCEED (5) OHMS. IF THE GROUNDING TEST EXCEEDS THE MAXIMUM OF (5) OHMS, THE SUBCONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADDITIONAL GROUNDING RODS AND CONNECTIONS AS REQUIRED TO MEET THE (5) OHMS' MAXIMUM.
4. THE INSPECTOR HAVING JURISDICTION SHALL INSPECT ALL GROUNDING CONNECTIONS FOR TIGHTNESS. EXOTHERMIC WELDED CONNECTIONS SHALL BE APPROVED BEFORE BEING PERMANENTLY CONCEALED.
5. FOR ALL CONNECTIONS TO THE GROUNDING RING, SEE THE SHELTER MANUFACTURER'S DRAWINGS.
6. WHEN AN EXISTING METER RACK IS BEING UTILIZED AND A NEW METER IS INSTALLED IN THE EXISTING METER RACK, THE GROUNDING ROD, AND GROUNDING CONDUCTORS OF THE EXISTING GROUNDING RING SHALL BE EXTENDED TO THE PROPOSED GROUNDING RING AND BECOME A COMPLETE GROUNDING SYSTEM.
7. FOR ROOFTOP INSTALLATIONS, ROUTE GROUNDING CONDUCTORS ON THE SHELTER'S EXTERIOR SUPPORTING STRUCTURE. WHEN A SUPPORT PLATFORM STRUCTURE IS EMPLOYED, ROUTE GROUNDING CONDUCTORS UNDERNEATH AND ON THE SUPPORTING MEMBERS, USING APPROVED STRAPS OR SCHEDULE 40 PVC CONDUITS AS REQUIRED IN ARTICLE 6.4.1.7.
8. FOR GROUNDING INSTALLATIONS, WHICH HAVE A LIMITED AREA AND ARE REQUIRED TO BE INSTALLED WITHIN THE LEASE AREA ONLY, THE GROUNDING RING CONDUCTORS CAN BE INSTALLED UNDER THE SHELTER'S FOOTINGS.
9. SUBCONTRACTOR SHALL PROVIDE STRAIN-RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES, COAX CABLES, AND RET CONTROL CABLES. CABLE STRAIN-RELIEFS AND CABLE SUPPORTS SHALL BE APPROVED FOR THE PURPOSE. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
10. SUBCONTRACTOR SHALL GROUND ALL EQUIPMENT, INCLUDING ANTENNAS, RET MOTORS, TMA'S, COAX CABLES, AND RET CONTROL CABLES AS A COMPLETE SYSTEM. GROUNDING SHALL BE EXECUTED BY QUALIFIED WIREMEN IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
11. ALL ELECTRICAL EQUIPMENT AND CONTROLLING DEVICES SHALL BE PROVIDED WITH ENGRAVED LAMICOID NAMEPLATES, INDICATING THE CIRCUITS ORIGINATION AND ALL EQUIPMENT TERMINATIONS.
12. SUBCONTRACTOR SHALL PROVIDE STRAIN-RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES, COAX CABLES, AND RET CONTROL CABLES. CABLE STRAIN-RELIEFS, CABLE SUPPORTS SHALL BE APPROVED FOR THE PURPOSE. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
13. SUBCONTRACTOR SHALL PROVIDE ALL BREAKERS, CONDUITS, CABLE TRAY, AND CIRCUIT CONDUCTORS, AS REQUIRED FOR A COMPLETED SYSTEM AND SHALL BE IN COMPLIANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

LEGEND

- ⊗ 5/8"Ø X 10' GROUND ROD W/INSPECTION WELL
- ⊗ COPPER CLAD GROUND ROD (TYP.) 5/8"Ø X 8' LONG
- EXOTHERMIC WELD (CADWELD) (TYP.)
- MECHANICAL CONNECTION
- ▲ 2-HOLE BOLTED CONNECTION
- — — — — GROUNDING CONDUCTOR

2 GROUNDING NOTES

PLANS PREPARED FOR:



1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:



6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:



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SITE NAME:

**SANTA MARIA
AIRPORT**

SITE NUMBER:

SBSB38

FA NUMBER:

10086370

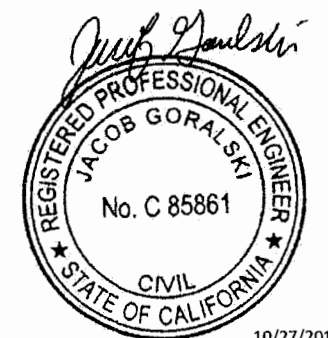
SITE ADDRESS:

**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
A	10/16/17	90% CD's	JAU
D	10/27/17	FINAL 100% CD's	JAU

STAMP:



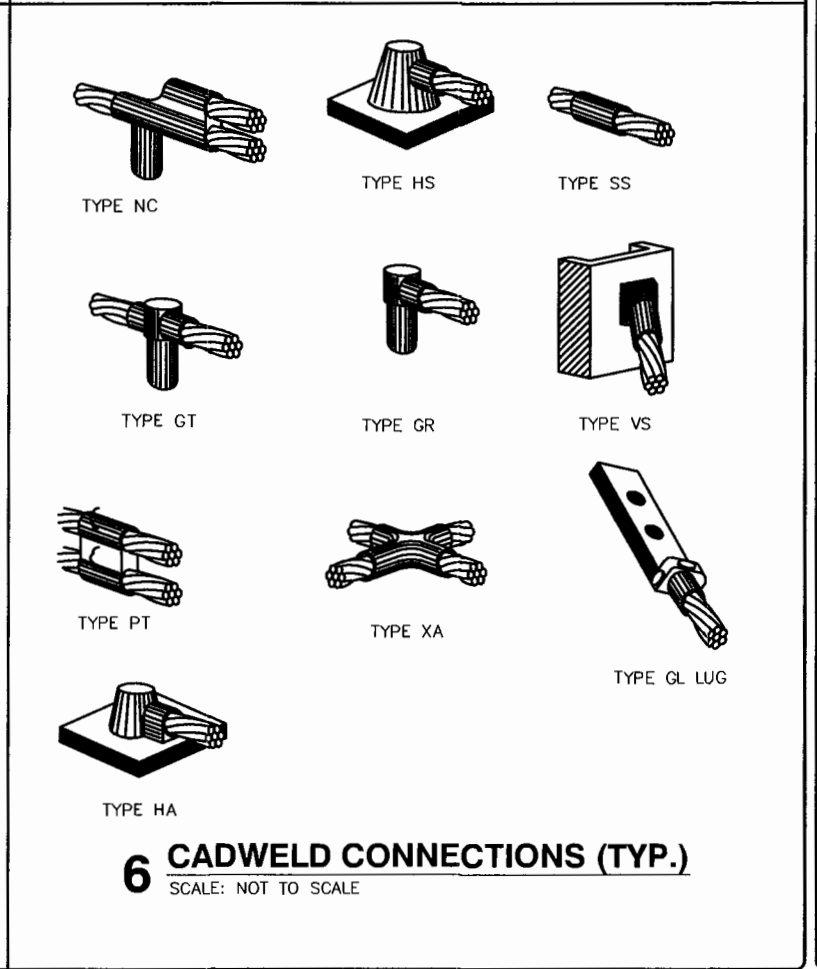
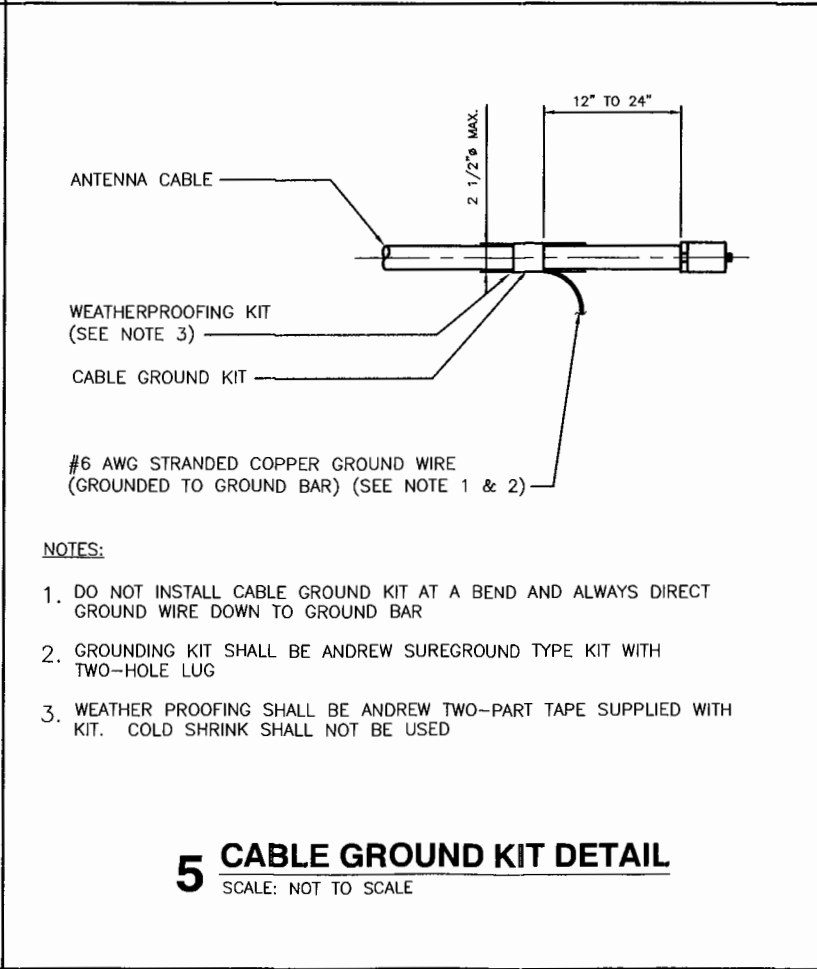
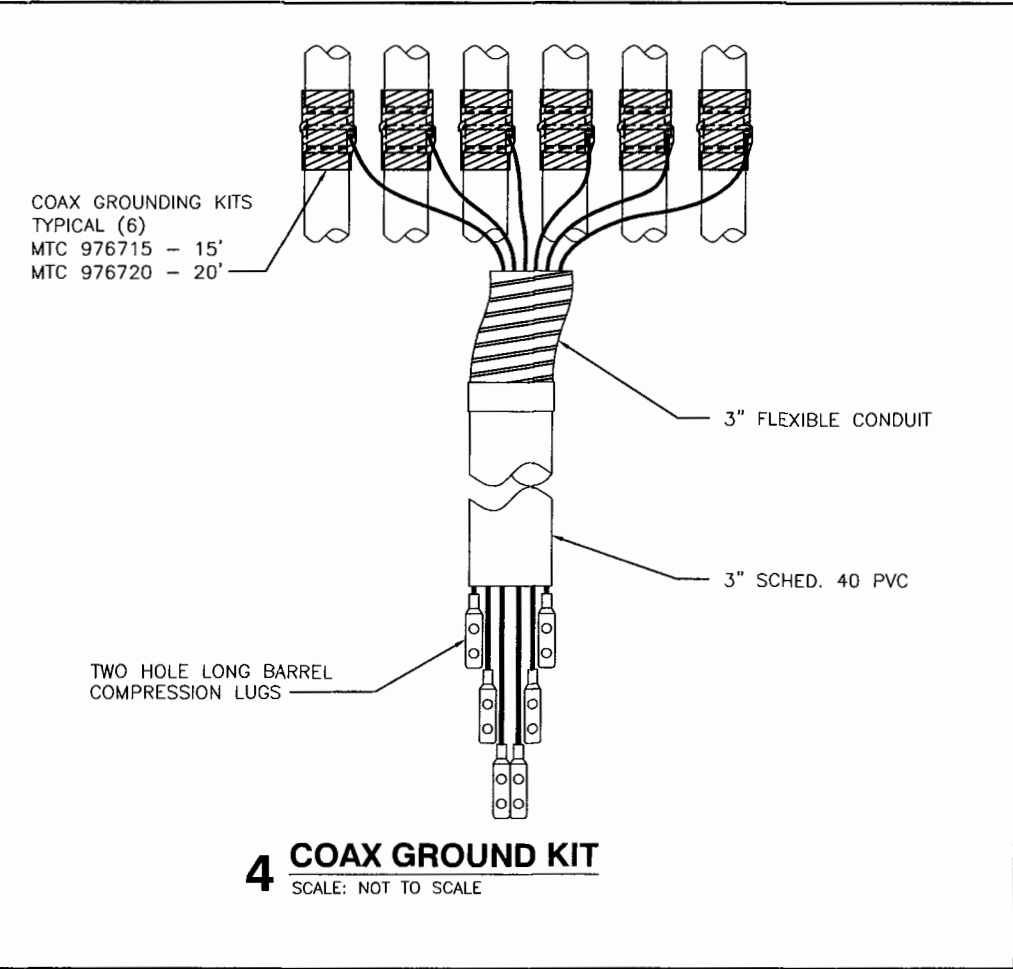
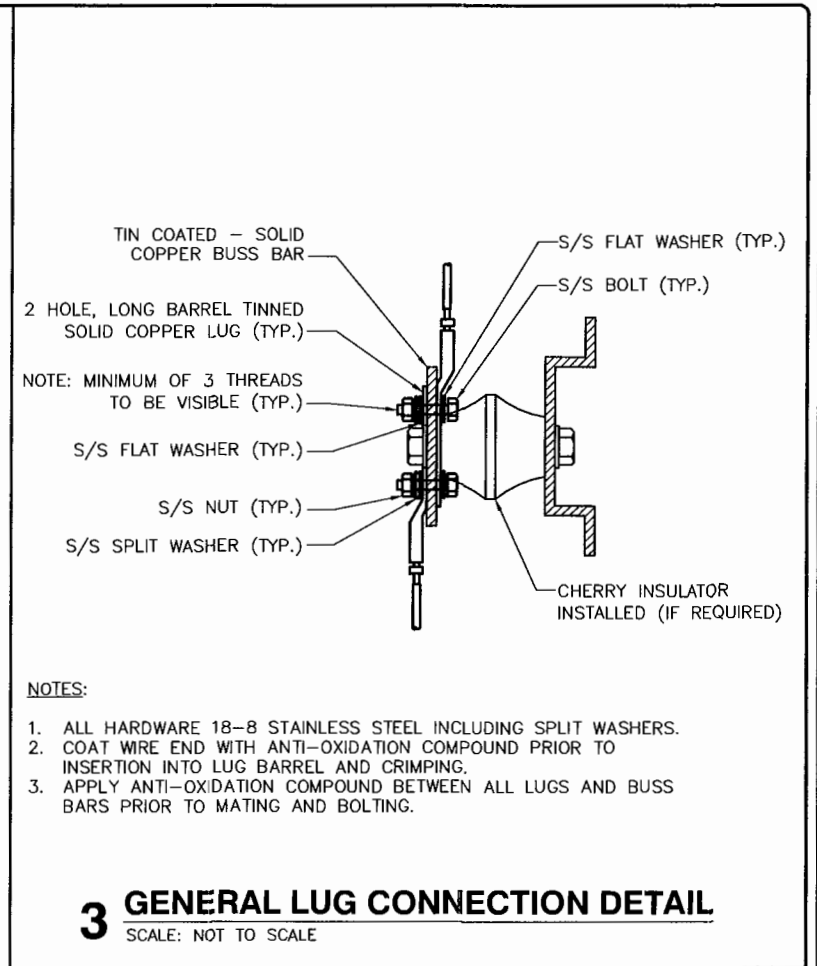
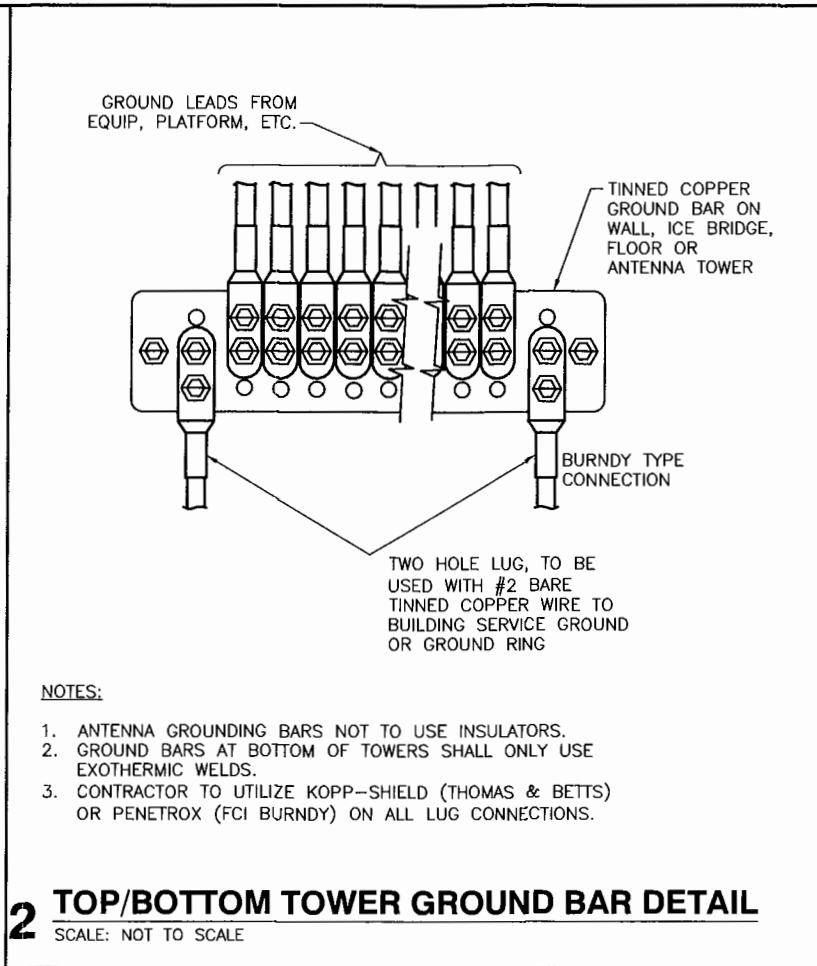
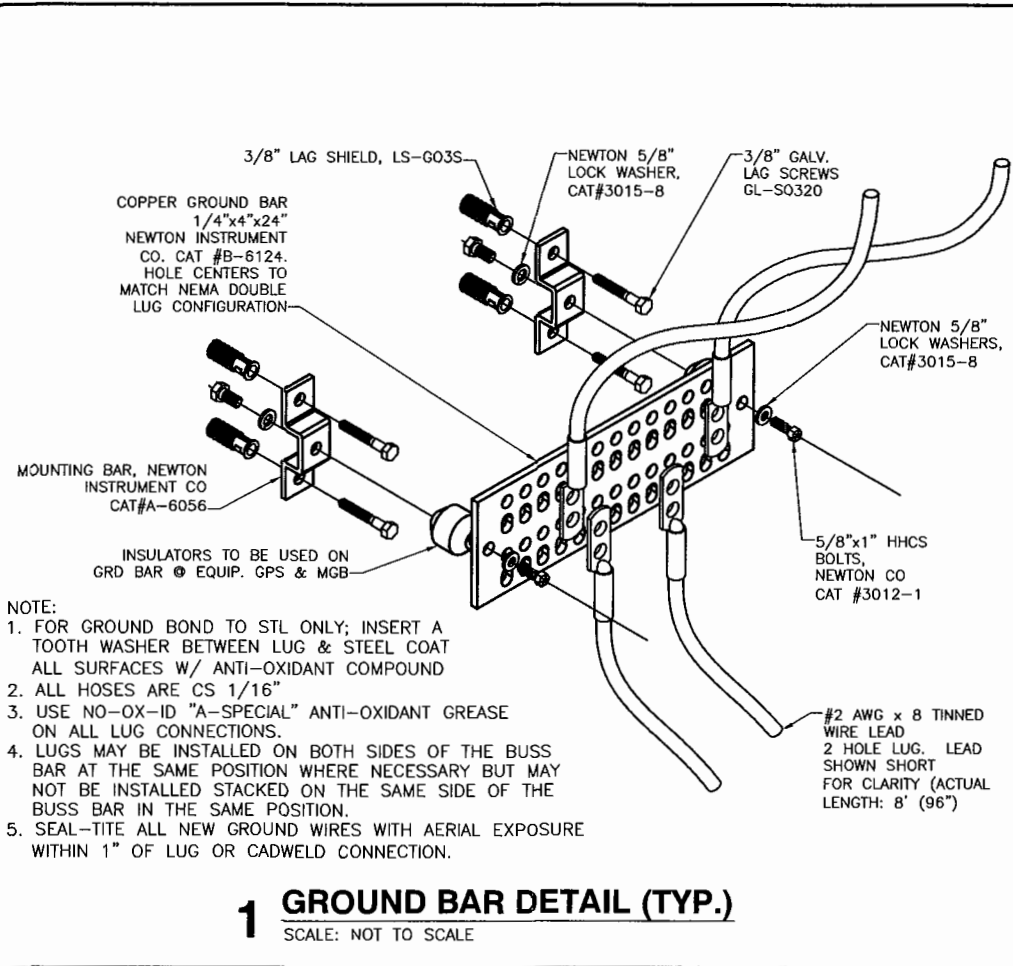
SHEET TITLE:

GROUNDING DETAILS

SHEET NUMBER:

G1

SCALE IS BASED ON 22" x 34" "D" SIZE



PLANS PREPARED FOR:

at&t
Your world. Delivered.

1452 EDINGER AVE, 3RD FLOOR
TUSTIN, CA 92780

PLANS PREPARED FOR:

MasTec
Network Solutions

6100 BROKEN SOUND PARKWAY NW
SUITE NO. 6
BOCA RATON, FL 33487

PLANS PREPARED BY:

ODISCOM, LLC
8301 Lakeview Pkwy,
Suite 111-123
Rowlett, TX 75088
(903) 634-7552
www.odiscom.com

SITE NAME:
SANTA MARIA AIRPORT

SITE NUMBER:
SBSB38

FA NUMBER:
10086370

SITE ADDRESS:
**3203 LIGHTING STREET
SANTA MARIA, CA 93455
LOS ANGELES COUNTY**

REVISION HISTORY

REV	DATE	DESCRIPTION	BY
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0	10/27/17	FINAL 100% CD's	JAJ

STAMP:

SHEET TITLE:
GROUNDING DETAILS

SHEET NUMBER:
G2

SCALE IS BASED ON 22" x 34" "D" SIZE

November 30, 2017

Ms. Veroneka Reade
Manager of Finance
Santa Maria Public Airport District
3217 Terminal Drive
Santa Maria, California 93455-1899

Re: Workers' Compensation Resolution for Governing Body Member and/or Volunteer Coverage

Dear Ms. Reade,

Recently our excess carrier has made us aware that SDRMA Workers' Compensation (WC) members need to pass a **new Resolution** if they would like to continue (or start) covering their Governing Body members and/or volunteers.

Section 3363.5 of the California Labor Code provides that a person who performs voluntary service for a public agency as designated and authorized by the Governing Body of the agency or its designee, shall, upon adoption of a Resolution by the Governing Body of the agency so declaring, be deemed to be an employee for workers' compensation purposes. Thus, if such a resolution is adopted, and the volunteer is injured while performing duties for the agency, the volunteer is entitled to receive workers' compensation benefits and their exclusive remedy for recovery against the agency is through the Workers' Compensation system.

Such Governing Body members and/or volunteers may be covered for workers' compensation benefits only if a Resolution to that effect is adopted by the Governing Body pursuant to Labor Code § 3363.5 and a copy of the Resolution is filed with SDRMA.

A new Resolution (see attached) has been created by our coverage counsel. The Resolution permits your Governing Body to designate the various categories of persons who the agency desires to "deem" to be employees for purposes of workers' compensation. It declares, on a blanket basis, that the designated categories of volunteers are deemed employees and those categories consist of Governing Body Members, persons performing voluntary service, persons on work study, interns, and other volunteers. In addition, those so designated persons also need to be listed under our Workers' Compensation Program (which includes paying an annual contribution amount) to enable coverage.

When using the sample Resolution provided, please do not make any changes other than the areas highlighted in yellow. **To ensure accurate and timely implementation of your Resolution, please return your Governing Body approved Workers' Compensation Resolution as soon as possible by fax or email.** A Microsoft Word version of the sample Resolution can be downloaded at <http://www.sdrma.org/program-coverages/workers-compensation-program>. If your agency has any questions please contact Ellen Doughty, Chief Member Services Officer, at 800.537.7790 or edoughty@sdrrma.org.

Sincerely,
Special District Risk Management Authority



Gregory S. Hall, ARM
Chief Executive Officer

Enclosures: Sample Resolution for Covering Governing Body and/or Volunteers

RESOLUTION No. xxxxxxxx

**RESOLUTION OF THE GOVERNING BODY OF
THE AGENCY NAME,
DECLARING THAT GOVERNING BODY MEMBERS AND VOLUNTEERS SHALL
BE DEEMED TO BE EMPLOYEES OF THE DISTRICT FOR THE PURPOSE OF
PROVIDING WORKERS' COMPENSATION COVERAGE FOR SAID CERTAIN
INDIVIDUALS WHILE PROVIDING THEIR SERVICES**

WHEREAS, the Agency Name utilizes the services of Governing Body Members and Volunteers; and

WHEREAS, Section 3363.5 of the California Labor Code provides that a person who performs voluntary service for a public agency as designated and authorized by the Governing Body of the agency or its designee, shall, upon adoption of a resolution by the Governing Body of the agency so declaring, be deemed to be an employee of the agency for the purpose of Division 4 of said Labor Code while performing such services; and

WHEREAS, the Governing Body wishes to extend Workers' Compensation coverage as provided by State law to the following designated categories of persons as indicated by a checkmark in the box to the left of the descriptions:

- ☐ All Members of the Governing Body of the [Agency Name] as presently or hereafter constituted and/or
- ☐ All persons performing voluntary services without pay other than meals, transportation, lodging or reimbursement for incidental expenses
- ☐ Individuals on Work-study programs
- ☐ Interns
- ☐ Other Volunteers
- ☐ _____
[designate]

NOW, THEREFORE, BE IT RESOLVED, that such persons coming within the categories specified above, including the duly elected or appointed replacements of any Governing Body Member and other designated individuals be deemed to be employees of the Agency Name for the purpose of Workers' Compensation coverage as provided in Division 4 of the Labor Code while performing such service. However, said Governing Body Members and other designated individuals will not be considered an employee of the Agency Name for any purpose other than for such Workers' Compensation coverage, nor grant nor enlarge upon any other right, duty, or responsibility of such Governing Body Members or other designated individuals, nor allow such persons to claim any other benefits or rights given to paid employees of the Agency Name.

PASSED, APPROVED AND ADOPTED this DATE by the following vote:

AYES:
NOES:
ABSENT:

Name, Chairperson
Agency Name

APPROVED AS TO FORM:

**PUBLIC AIRPORT DISTRICT**

2/8/18

Agenda Item
9
2/08/18

Board of Directors
Santa Maria Public Airport District
3217 Terminal Drive
Santa Maria, CA 93455

Subject: Authorization for two staff members to attend the 2018 JumpStart Air Service Development Conference June 4-6, 2018 in Cleveland, OH.

Summary

Pursuant to our ongoing efforts to regain air service with a major hub carrier, and upon the recommendation of our Air Service Consultant, we request approval to attend the JumpStart 2018 Air Service Development Conference. Several Airlines will be available to meet and confer with District staff.

Budget

		Attendees	Days	Rate	Total
Hotel:	Hotel stay	2	4	\$ 194.00	\$ 1,550.00
Meals:	Meals	2	5	\$ 60.00	\$ 600.00
Transportation:	Airfare	2		\$ 781.00	\$ 1,562.00
	Ground Transportation				\$ 225.00
Fees:	Registration	2		\$ 995.00	\$ 1,990.00
	Total:				\$ 5,927.00

Overall Impact:

Approved 2017-2018 Budget for Business Travel	\$54,850.00
Previously Approved Business Travel	\$19,609.00
Current Balance for Business Travel	\$35,241.00
Amount of this Request	\$5,927.00
Balance Remaining if Approved	\$29,314.00

Recommendation

Staff recommends the board authorize this travel in an attempt to improve air service.

Please let me know if you have any questions:

Sincerely,

Chris Hastert, CM
General Manager

RESOLUTION 859

A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SANTA MARIA PUBLIC AIRPORT DISTRICT
ESTABLISHING AND ADOPTING A POLICY FOR THE STORAGE OF
NON-AIRWORTHY AIRCRAFT AT THE SANTA MARIA AIRPORT.

WHEREAS, the District wishes to facilitate a vibrant and active location for aviation activities within the community; and

WHEREAS, the outside storage of non-airworthy aircraft in view of the traveling public and airport businesses creates a blight on the airport and projects an unattractive image to promote growth of aviation; and

WHEREAS, a member of the traveling public may associate the storage of non-airworthy aircraft in various states of disrepair as a negative image of overall aircraft and airport safety; and

WHEREAS, the District wishes to establish and adopt a policy for the storage of non-airworthy aircraft;

NOW, THEREFORE, BE IT RESOLVED, by the Board of Directors of the Santa Maria Public Airport District, that the policy entitled, "Non-Airworthy Aircraft Storage", attached hereto as Exhibit "A" and incorporated by this reference, is hereby adopted.

PASSED AND ADOPTED at the regular meeting of the Board of Directors of the Santa Maria Public Airport District held on February 8, 2018, on motion of Director _____, seconded by Director _____, and carried by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAINED:

HUGH RAFFERTY, President

ATTEST:

CARL ENGEL, JR., Secretary

**SANTA MARIA PUBLIC AIRPORT DISTRICT
RESOLUTIONS 859
“Non-Airworthy Aircraft Storage Policy”**

- 1)** Outside storage of non-airworthy aircraft is prohibited in all areas shown in red on the attached drawing.
 - a) Permitted storage of all non-airworthy aircraft to be determined by the General Manager on a case by case basis.
- 2)** Outside storage of non-airworthy aircraft shall be charged a rate calculated by multiplying the aircraft length by the wingspan to determine the appropriate square footage required, then applying the most recent outside storage rate as listed in the approved rates and charges for the District.
- 3)** A short-term waiver of less than ninety (90) days allowing non-airworthy aircraft storage in prohibited areas is available at the discretion of the District’s General Manager. Requests for waivers must include the length of time requested, action plan to return the aircraft to airworthy status or remove the aircraft from the airport, and an explanation of the circumstances that would support the request. Waivers longer than ninety (90) days are strongly discouraged and issued only at the discretion of the Board of Directors of the Santa Maria Public Airport District.

Exhibit “A”



3217 TERMINAL DR
SANTA MARIA, CA
93455.
(805) 922-1726

REVISIONS	
DATE	By:
10/2/17	RH

DRAWN BY:
RAY HEATH

NO NON AIRWORTHY
PARKING

DRAWING NUMBER
NO NON AIRWORTHY PARKING

BUILDING SPACE LEASE

By this lease, dated February 8, 2018 and commencing retroactively January 1, 2018, by and between the SANTA MARIA PUBLIC AIRPORT DISTRICT (herein called "Landlord" or "District"), a public airport district of the State of California, and Unity Courier Service, Inc, a California Corporation (herein called "Tenant").

1. Definitions: The following words and phrases used in this lease shall have the meaning set forth opposite them:

District:	Santa Maria Public Airport District
District's Addresses:	3217 Terminal Drive Santa Maria, CA 93455
Tenant:	Unity Courier Service 3203 Lightning St. Suite 104 Santa Maria, CA 93455
Airport:	Santa Maria Public Airport Santa Maria, California
Premises:	Portion (Suite 104) of Building No. T-1308 (Main Hangar) at the Airport shown on diagram attached hereto as Exhibit "A" consisting of approximately 406 square feet of floor area.
Address of Premises:	3203 Lightning Street Santa Maria, CA 93455

2. Premises. District hereby leases to Tenant and Tenant leases from District the Premises for the rent and on the terms and conditions hereinafter set forth.

3. Lease Term. The term of this lease shall be month to month, commencing retroactively January 1, 2018, and continuing thereafter until this lease is terminated

4. Rent: Tenant shall during this lease pay to District as monthly rent, the sum of \$178 on the first day of each calendar month, without prior notice, demand, deduction or offset, at District's office at 3217 Terminal Drive, or such other address as District may direct Tenant in writing (herein called "Base Rent").

5. Security Deposit. On execution of this lease, Tenant shall deposit with District \$356 as a security deposit for the performance by Tenant of the provisions of this lease. If Tenant is in default, District can use the security deposit, or any portion of it, to cure the default or to compensate District for any damage sustained by District resulting from Tenant's default. Tenant shall immediately upon demand pay to District a sum equal to the portion of the security deposit

expended or applied by District as provided in this section so as to maintain the security deposit in the sum initially deposited with District. If Tenant is not in default at the expiration of termination of this lease, District's obligations with respect to the security deposit are those of a debtor and not the trustee. District shall deposit and maintain the security deposit in a separate interest-bearing and federally insured account in the name of District with a bank, or savings and loan association in Santa Maria, subject to withdrawal and retention by District of all or any part of the amount on deposit or accrued interest to cure the default of Tenant or to compensate District for all damage sustained by District resulting from Tenant's default.

6. Late Payment Penalty. Tenant acknowledges that late payment by Tenant to District of rent will cause the District to incur costs not contemplated by this lease, the exact amount of such costs being extremely difficult and impracticable to fix. Such costs include, without limitation, processing and accounting charges. Therefore, if any installment of rent due from Tenant is not received by District on or before the date it is due (or on the next business day of the District that is not a Saturday, Sunday or holiday on which the administrative office of the District is closed for a whole day, if the date the rent installment is due falls on a Saturday, Sunday, or holiday on which the administrative office of the District is closed for a whole day), Tenant shall pay to District an additional sum of ten percent (10%) of the overdue rent as a late charge. The parties agree that this late charge represents a fair and reasonable estimate of the costs that District will incur by reason of late payment by Tenant. Acceptance of any late charge shall not constitute a waiver of Tenant's default with respect to the rights and remedies available to District.

7. Utilities. Tenant shall pay all costs, charges and deposits for all utilities and services furnished to or used by Tenant, including without limitation, gas, electricity, telephone service, trash collection and for all connection charges, except reasonable quantities of water will be furnished by District, and provided Tenant shall reimburse District on a monthly basis for a proportionate share of costs for gas and electricity used by Tenant estimated by District.

8. Permitted Uses of Premises. Office space for air cargo operation.

9. Aircraft loading. Tenant shall have the nonexclusive right to load and unload aircraft only in the area depicted in yellow on Exhibit A-1.

10. Taxes, Licenses. Tenant shall pay before delinquency any and all taxes (including real property taxes), assessments, fees or charges, including possessory interest taxes, which may be imposed, levied or assessed upon any leasehold or possessory interests of Tenant, and personal property, improvements or fixtures owned, controlled or installed by Tenant and used or located on the Airport or Tenant's business. By entering into this lease, a possessory interest subject to property taxation may be created, and Tenant may be subject to payment of property taxes levied on such interest. Tenant shall pay all such taxes. Tenant shall also secure and maintain in force during the term of this lease all licenses and permits necessary or required by law for the conduct of Tenant's business or operations.

11. Insurance. Tenant shall secure and maintain, without cost to District, in full force and effect at all times during the term of this lease the following types and amounts of insurance:

(a) Comprehensive broad form public liability insurance, including bodily injury liability, property damage liability coverage and contractual liability coverage with a combined single limit of liability of at least \$2,000,000 for each accident or occurrence.

District shall be named as an additional insured in each policy required herein. Said insurance policies shall be without offset to any insurance policies of District, and shall be primary insurance, not excess insurance, up to the aforesaid limits. Tenant shall provide District with copies of all insurance policies and certificates issued by the insurer, including in each instance an endorsement or certificate providing that such insurance shall not be cancelled or coverage reduced except after thirty (30) days written notice to District. The liability limits of all insurance specified above may be increased at the option of District upon giving Tenant at least thirty (30) days prior written notice of the increased limits.

12. Use and Condition of Premises. Tenant may use the Premises only for the Permitted Uses of Premises. Tenant represents that Tenant has inspected the Premises and accepts the condition of the Premises and assumes all risks incidental to use of the Premises.

13. Assignment, Subletting and Encumbering. Tenant shall not assign, mortgage, encumber or grant control of this lease or any interest, right or privilege herein or sublet the whole or any portion of the Leased Premises or license or grant concessions for use of the Leased Premises or any part thereof. Any such assignment, mortgage, encumbrance, transfer, sublease, permit or concession shall be void and, at the option of District, shall terminate this lease.

14. Nuisance. Tenant shall not commit, or suffer or permit waste, excessive noise, excessive accelerations of air, obnoxious odors, excessive dust or any other nuisance on or adjacent to the Leased Premises or otherwise constituting an unreasonable interference with other District tenants or persons using the Airport.

15. Parking. Tenant and its invitees shall have nonexclusive use of existing public parking areas adjacent to the east side of the Main Hangar.

16. Tenant's Agreements. Tenant agrees to do all of the following:

(a) Comply with the rules, regulations and directives of District related to use of the Premises, Airport and its facilities.

(b) Comply with all laws, regulations, ordinances, and orders of federal, state and local governments as they relate to Tenant's use of the Premises, the Airport, and Airport facilities.

(c) Keep the Premises in good order and condition, free of trash and debris, at Tenant's expense.

(d) Deliver possession of the Premises to District on termination of this lease in at least as good condition as it is at the inception of this lease, ordinary wear and tear or act of God excepted, and free of any personal property.

(e) Pay, before delinquency, all taxes and assessments by any governmental agency on the leasehold interest of Tenant, including any possessory interest property tax assessed by the County of Santa Barbara, and on property of Tenant.

17. Prohibitions. Tenant agrees not to do any of the following:

(a) Store property outside the Premises.

(b) Commit or suffer excessive noise, obnoxious odors, excessive dust or any other nuisance on the Airport.

(c) Permit anyone else to use the Premises except Tenant's employees, customers and invitees.

(d) Make use of the Premises or Airport in any manner which may interfere with the landing and taking off of aircraft from the Airport or otherwise constitute a hazard.

(e) Use, keep or store in the Premises any combustible or inflammable liquids, gases or substances, unless authorized as Permitted Uses of the Premises.

(f) Use any torches, heaters or other devices in the Premises that cause a flame or fire.

(g) Store in or on the Premises any property or articles or conduct any activities or operations which are not directly related or incident to the permitted uses in Paragraph 5 of this lease.

18. Damage or Destruction of Premises. In the event the Premises are damaged or destroyed and unfit for use by Tenant, either party may terminate this lease upon seven (7) days prior written notice thereof and the monthly rent will be prorated to the date of the damage or destruction.

19. Entry by District. District reserves the right to enter the Premises at any reasonable time to make inspections or repairs, and at any time in case of an emergency. District will provide Tenant with a key to the doors of the Premises, which will be returned to District upon termination of this lease.

20. Waiver. The waiver by District of any violation on the part of Tenant shall not be construed as a waiver of any subsequent violations. The receipt by District of rents with knowledge of the breach of any covenant or condition of this lease shall not be deemed a waiver

of such breach. No provision of this lease shall be deemed to have been waived by District unless such waiver be in writing, signed by District.

21. Notices. All notices required herein shall be in writing and may be given by personal delivery or by registered or certified mail, postage prepaid, and addressed to District at 3217 Terminal Drive, Santa Maria, California 93455, and to Tenant at 3231 Fletcher Dr., Los Angeles, CA 90065 Either party may at any time change its address for such notice by giving written notice of such change to the other party. Any notice provided for herein shall be deemed delivered upon being deposited as aforesaid at any United States Post Office or branch or substation or in any United States mailbox, or at time of personal delivery.

22. Indemnity. Tenant agrees to indemnify, protect, defend (with counsel acceptable to District) and save harmless District, its directors, officers, employees, agents and representatives and the Leased Premises at all times from and against any and all suits, proceedings, liens, actions, penalties, liability, loss, expense, claims or demands of any nature including costs and expenses for legal services arising out of or in any way connected with, directly or indirectly, the acts or omissions of Tenant or its officers, agents, employees, guests, customers, visitors or invitees, or the operations of the Tenant on the Airport or the use or occupancy of the Leased Premises by Tenant, excepting only liability or loss caused by the sole active negligence of District or its willful misconduct.

23. Default. In the event Tenant fails to pay rent when due or is in default under any provision of this lease, District may terminate this lease and resort to the rights and remedies provided by the laws of the State of California.

24. Compliance with Laws. Tenant will abide by and comply with all applicable and valid laws, rules, regulations and orders of federal, state and local governments and governmental agencies, including, but not limited to, any and all regulations concerning air quality and/or water quality, fire and/or occupational safety, which may apply to the conduct of Tenant's business at the Airport. Subject to the provisions of Paragraph 14, Tenant specifically agrees that it is a condition of the Tenant for which a Material Safety Data Sheet is required or otherwise reference or listed on Exhibit "B" will be stored, used and disposed of, together with any contaminated by-products of such use, in strict compliance with the applicable Material Safety Data Sheet or the requirements of the governmental agency with authority to regulate such storage, use and disposal. Tenant further agrees to maintain adequate storage and disposal on the leased premises and available for inspection at any reasonable time adequate records of material stores, used or disposed of, including but not limited to Material Safety Data Sheets and Uniform Hazardous Waste Manifests for material shipped from the lease premises.

25. Attorneys' Fees. If either party brings any action or proceeding to interpret, enforce, protect, or establish any right or remedy under this lease, the prevailing party shall be entitled to recover reasonable attorney's fees, costs and expenses.

26. Rider Attached. The provisions of the FAA Rider attached hereto as Exhibit "C" are incorporated herein and made a part hereof.

27. Repairs and Maintenance. Except as otherwise provided herein, Tenant shall, at Tenant's sole cost, keep and maintain the Premises and every part thereof in good and sanitary order, condition and repair. Tenant shall not make any repairs, which are the responsibility of District without District's prior written consent. Tenant waives all rights to make repairs at District's expense. Tenant shall keep the Premises, at Tenant's expense, clean and free from litter and dust at all times. District will, at District's expense, repair and maintain the roof, exterior walls and doors of the Premises. District's obligation to maintain does not include any damage caused by Tenant or Tenant's employees contractors or invitees.

IN WITNESS WHEREOF, the parties have executed this lease.

District:

Approved as to content
for District:

SANTA MARIA PUBLIC AIRPORT DISTRICT

General Manager

By _____
Hugh Rafferty, President

Approved as to form
for District:

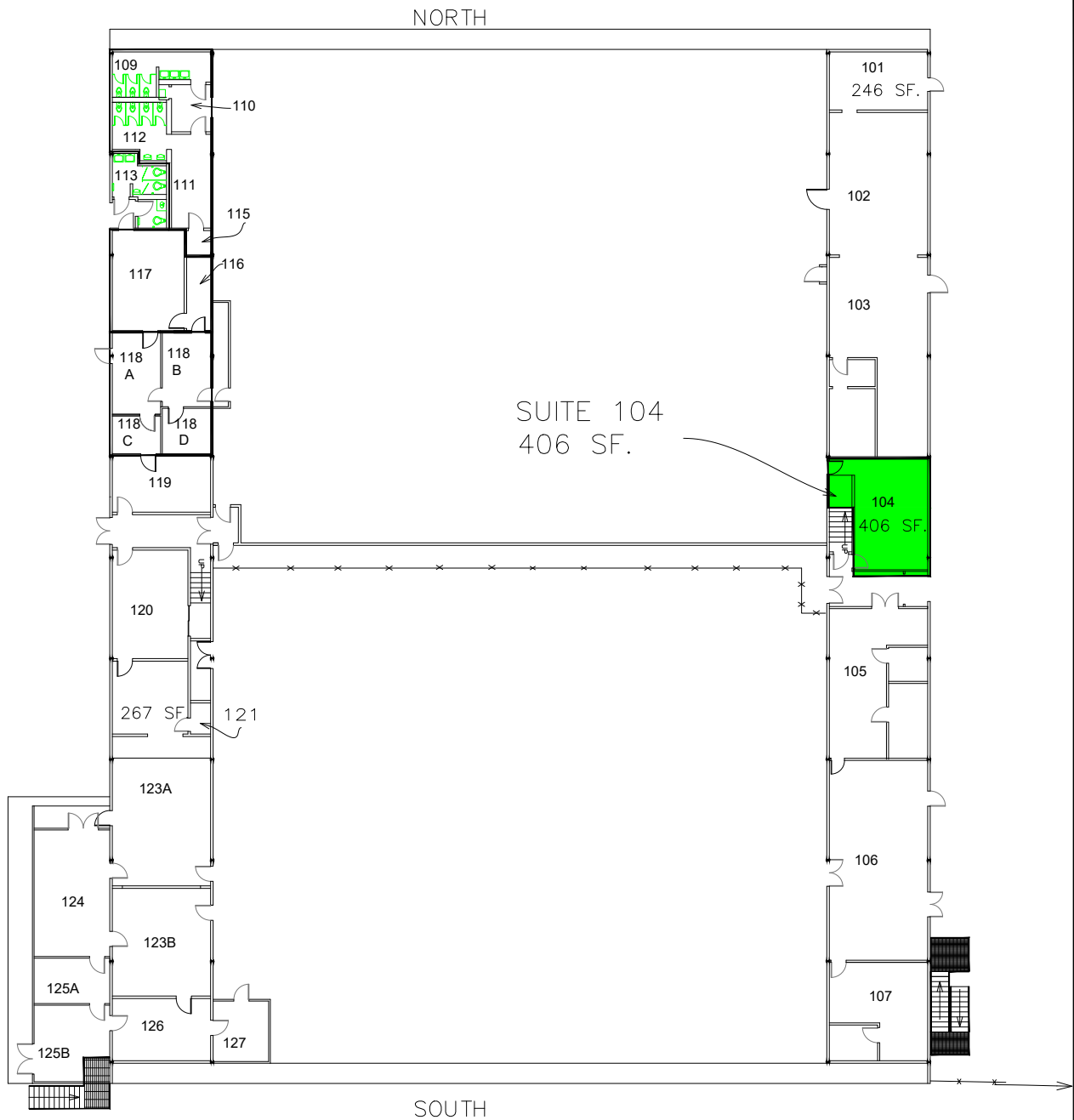
By _____
Carl Engel, Secretary

District Counsel

Tenant:

By _____
Al Sharifi, CFO

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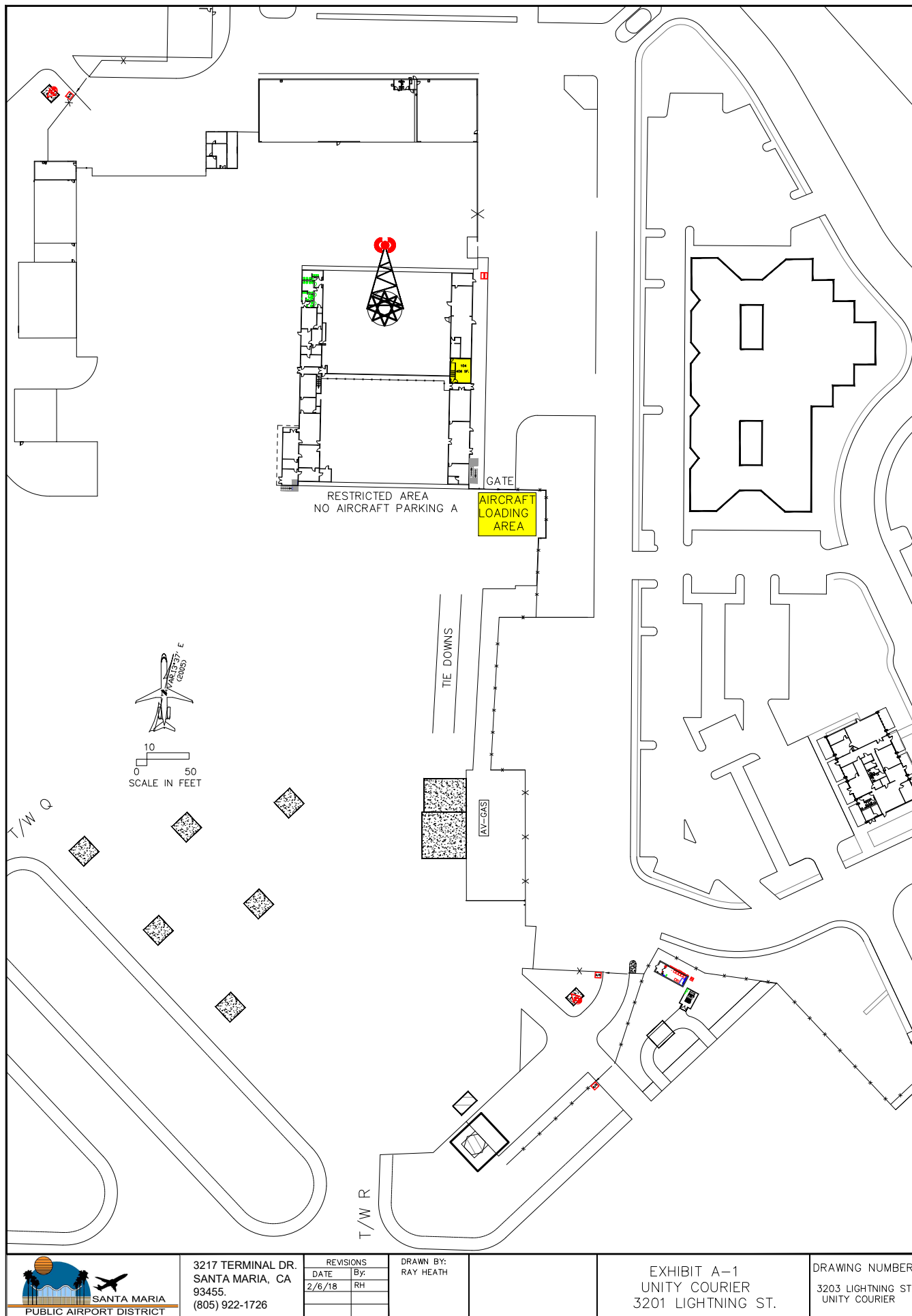
3217 TERMINAL DR.
SANTA MARIA, CA
93455.
(805) 922-1726

REVISIONS	
DATE	By
3/22/05	RH

DRAWN BY:
RAY HEATH

EXHIBIT A
UNITY COURIER
3201 LIGHTNING ST.
SUITE 104

DRAWING NUMBER
3203 LIGHTNING ST.
UNITY COURIER



3217 TERMINAL DR.
SANTA MARIA, CA
93455.
(805) 922-1726

REVISIONS	
DATE	By:
2/6/18	RH

DRAWN BY:
RAY HEATH

EXHIBIT A-1
UNITY COURIER
3201 LIGHTNING ST.

DRAWING NUMBER
3203 LIGHTNING ST.
UNITY COURIER

HAZARDOUS MATERIAL
Definitions

A. HAZARDOUS MATERIAL

Hazardous Material means any substance:

(i) the presence of which requires investigation or remediation under any federal, state or local statute, regulation, ordinance, order, action, policy or common law; or

(ii) which is or becomes defined as a "hazardous waste", "hazardous substance", pollutant or contaminant under any federal, state or local statute, regulation, rule or ordinance or amendments thereto including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. Section 9601 et seq.) and/or the Resource Conservation and Recovery Act (42 U.S.C. Section 6901 et seq.); or

(iii) which is toxic, explosive, corrosive, flammable, infectious, radioactive, carcinogenic, mutagenic, or otherwise hazardous and is or becomes regulated by any governmental authority, agency, department, commission, board, agency or instrumentality of the United States, the State of California or any political subdivision thereof; or

(iv) the presence of which on the Premises or the Airport causes or threatens to cause a nuisance upon the Premises or the Airport or to adjacent properties or poses or threatens to pose a hazard to the health or safety of persons on or about the Premises or Airport; or

(v) the presence of which on adjacent properties could constitute a trespass by; or

(vi) without limitation which contains gasoline, diesel fuel or other petroleum hydrocarbons; or

(vii) without limitation which contains polychlorinated biphenyls (PCBs), asbestos or urea formaldehyde foam insulation; or

(viii) without limitation radon gas.

B. ENVIRONMENTAL REQUIREMENTS

Environmental Requirements means all applicable present and future statutes, rules, ordinances, codes, licenses, permits, orders, approvals, plans, authorizations, and similar items, of all governmental agencies, departments, commissions, boards, bureaus, or instrumentalities of the United States, states and political subdivisions thereof and all applicable judicial, administrative, and regulatory decrees, judgments, and orders relating to the protection of human health or the environment, including, without limitation:

1. All requirements, including but not limited to those pertaining to reporting, licensing, permitting, investigation, and remediation of emissions, discharges, releases, or threatened releases of "Hazardous Materials", chemical substances, pollutants, contaminants, or hazardous or toxic substances, materials or wastes whether solid, liquid, or gaseous in nature, into the air, surface water, groundwater, or land, or relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport, or handling of chemical substances, pollutants, contaminants, or hazardous or toxic substances, materials, or wastes, whether solid, liquid, or gaseous in nature; and
2. All requirements pertaining to the protection of the health and safety of employees or the public.

C. ENVIRONMENTAL DAMAGES

Environmental Damages means all claims, judgments, damages, losses, penalties, fines, liabilities, encumbrances, liens, costs, and expenses of investigation and defense of any claims, whether or not such claim is ultimately defeated, and of any good faith settlement of judgment, of whatever kind or nature, contingent or otherwise, matured or unmatured, foreseeable or unforeseeable, including without limitation reasonable attorneys' fees and disbursements and consultants' fees, any of which are incurred at any time caused by "Hazardous Materials" upon, about, beneath the Premises or Airport or migrating or threatening to migrate from the Premises or the Airport, or the existence of a violation of "Environmental Requirements" pertaining to the Premises or the Airport as the result of "Tenant's" use or occupancy of the Premises or the Airport or as the result of any of "Tenant's" (or "Tenant's" agents, employees, invitees or officers') actions or omissions, regardless of whether the existence of such "Hazardous Materials" or the violation of "Environmental Requirements" arose prior to the present ownership or operation of the Premises, and including without limitation:

1. Damages for personal injury, or injury to property or natural resources occurring upon or off of the Premises or the Airport, (foreseeable or unforeseeable), including, without limitation, lost profits, consequential damages, the cost of demolition and rebuilding of any improvements on real property, interest and penalties;

2. Fees incurred for the services of attorneys, consultants, "Tenant's", experts, laboratories and all other costs incurred in connection with the investigation or remediation of such "Hazardous Materials" or violation of "Environmental Requirements" including, but not limited to, the preparation of any feasibility studies or reports or the performance of any cleanup, remediation, removal, response, abatement, containment, closure, restoration or monitoring work required by any federal, state or local governmental agency or political subdivision, and including without limitation any attorney's fees, costs and expenses incurred in enforcing this agreement or collecting any sums due hereunder; and

3. Liability to any third person or governmental agency to indemnify such person or agency for costs expended in connection with the items referenced in subparagraph 2 herein;

4. Diminution in the value of the Premises or the Airport, and damages for the loss of business and restriction on the use of or adverse impact on the marketing of rentable or usable space or of any amenity of the Premises or the Airport.

EXHIBIT "C"

RIDER

Rider to the Lease Agreement dated February 8, 2018, herein called "License") between Santa Maria Public Airport District (herein called "District") and Unity Courier Service (herein called "Tenant").

LEASE PROVISIONS REQUIRED BY FEDERAL AVIATION ADMINISTRATION

1. Tenant, for himself, his heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that in the event facilities are constructed, maintained, or otherwise operated on the leased property described in this lease for a purpose for which a DOT program or activity is extended or for another purpose involving the provision of similar services or benefits, Tenant shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to Title 49, Code of Federal Regulations, DOT, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

2. Tenant for himself, his personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that (1) no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under the leased property and the furnishing of services thereon, no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or otherwise be subject to discrimination, (3) that Tenant shall use the leased property in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

3. That in the event of breach of any of the above nondiscrimination covenants, District shall have the right to terminate this lease and to reenter and repossess the leased property and the facilities thereon, and hold the same as if this lease had never been made or issued. This provision does not become effective until the procedures of 49 CFR Part 21 are followed and completed including expiration of appeal rights.

4. Tenant shall furnish its accommodations and/or services on a fair, equal and not unjustly discriminatory basis to all users thereof and it shall charge fair, reasonable and not unjustly discriminatory prices for each unit or service; PROVIDED THAT Tenant may be allowed to make reasonable and nondiscriminatory discounts, rebates or other similar type of price reductions to volume purchasers.

5. Noncompliance with Provision 4 above shall constitute a material breach thereof and in the event of such noncompliance District shall have the right to terminate this lease and the estate hereby created without liability therefor or at the election of the District or the United States either or both said governments shall have the right to judicially enforce Provision 4 above.

6. Tenant agrees that it shall insert the above five provisions in any lease agreement, contract, license, permit or other instrument by which Tenant grants a right or privilege to any person, firm or corporation to render accommodations and/or services to the public on the leased property.

7. Tenant assures that it will undertake an affirmative action program as required by 14 CFR Part 152, Subpart E, to insure that no person shall on the grounds of race, creed, color, national origin, or sex be excluded from participation in any employment activities covered in 14 CFR Part 152, Subpart E. Tenant assures that no person shall be excluded on these grounds from participating in or receiving the services or benefits of any program or activity covered by this subpart. Tenant assures that it will require that its covered suborganizations provide assurances to the Tenant that they similarly will undertake affirmative action programs and that they will require assurances from their suborganizations, as required by 14 CFR Part 152, Subpart E, to the same effect.

8. District reserves the right to further develop or improve the landing area of the Airport as it sees fit, regardless of the desires or view of the Tenant and without interference or hindrance.

9. District reserves the right, but shall not be obligated to Tenant, to maintain and keep in repair the landing area of the Airport and all publicly-owned facilities of the Airport, together with the right to direct and control all activities of the Tenant in this regard.

10. This lease shall be subordinate to the provisions and requirements of any existing or future agreement between District and the United States relative to the development, operation or maintenance of the Airport.

11. Tenant agrees to comply with the notification and review requirements covered in Part 77 of the Federal Aviation Regulations in the event future construction of a building is planned for the leased property, or in the event of any planned modification or alterations of any present or future building or structure situated on the leased property.

12. It is understood and agreed that nothing herein contained shall be construed to grant or authorize the granting of an exclusive right within the meaning of Section 308a of the Federal Aviation Act of 1958 (49 U.S.C. 1349a).

13. There is hereby reserved to District, its successors and assigns, for the use and benefit of the public, a right of flight for the passage of aircraft in the airspace above the surface of the leased property. This public right of flight shall include the right to cause in said airspace any noise inherent in the operation of any aircraft used for navigation or flight through the said airspace or landing at, taking off from or operation on the Airport.

14. Tenant by accepting this lease expressly agrees for itself, its successors and assigns that it will not erect nor permit the erection of any structure or object nor permit the growth of any tree on the leased property above the mean sea level elevation of 300 feet. In the event the aforesaid covenants are breached, District reserves the right to enter upon the leased property and to remove the offending structure or object and cut the offending tree, all of which shall be at the expense of Tenant.

15. Tenant by accepting this lease agrees for itself, its successors and assigns that it will not make use of the leased property in any manner which might interfere with the landing and taking off of aircraft from the Airport or otherwise constitute a hazard. In the event the aforesaid covenant is breached, District reserves the right to enter upon the leased property and cause the abatement of such interference at the expense of Tenant.

16. This lease and all the provisions hereof shall be subject to whatever right the United States Government now has or in the future may have or acquire affecting the control, operation, regulation and taking over of said Airport or the exclusive or nonexclusive use of the Airport by the United States during the time of war or national emergency.