10095832 (SF0566, CNU0566, CCL00566)
CENTRAL BURLINGAME

at&t

5C
ROOFTOP (INDOOR)
1480 BURLINGAME AVENUE
BURLINGAME, CA 94010

ENGINEERING

2010 CALIFORNIA BUILDING CODE
2010 CALIFORNIA TITLE 24
2010 CALIFORNIA MECHANICAL CODE
2009 INTERNATIONAL BUILDING CODE
2008 NATIONAL ELECTRIC CODE
TIA-222-G OR LATEST EDITION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT CABINETS FOR AT&T'S WIRELESS TELECOMMUNICATIONS NETWORK.

- REMOVE (3) EXISTING AT&T ANTENNAS
- INSTALL (3) PROPOSED AT&T ANTENNAS
- INSTALL (3) PROPOSED AT&T RRU UNITS
- INSTALL (2) PROPOSED 1/2" FIBER CABLES

SITE INFORMATION

PROPERTY OWNER: ADDRESS:	AT&T 1480 BURLINGAME AVE. BURLINGAME, CA 94010
TOWER OWNER:	AT&T
SITE CONTACT:	NA
COUNTY:	SAN MATEO
LATITUDE (NAD 83):	37° 34' 37.07" N
LONGITUDE (NAD 83):	122° 20' 59.28" W
ELEVATION (AMSL):	±40'-00"
ZONING JURISDICTION:	CITY OF BURLINGAME
ZONING DISTRICT:	NA
PARCEL #:	NA
OCCUPANCY GROUP:	U
CONSTRUCTION TYPE:	V-B
POWER COMPANY:	PACIFIC GAS & ELECTRIC
TELEPHONE COMPANY:	AT&T
SITE ACQUISITION MANAGER:	ANA GOMEZ-ABARCA 925-336-9692
CONSTRUCTION MANAGER:	BRYAN HATCH 925-596-8837
PROJECT MANAGER:	PAVLINA YANAKIEVA 248-705-5023
RF ENGINEER:	MANDAVA TEJA 925-468-8587
LEASE AREA:	17'-9"x13'-3"
APPLICANT:	JIMMY STILLMAN 530-913-9577

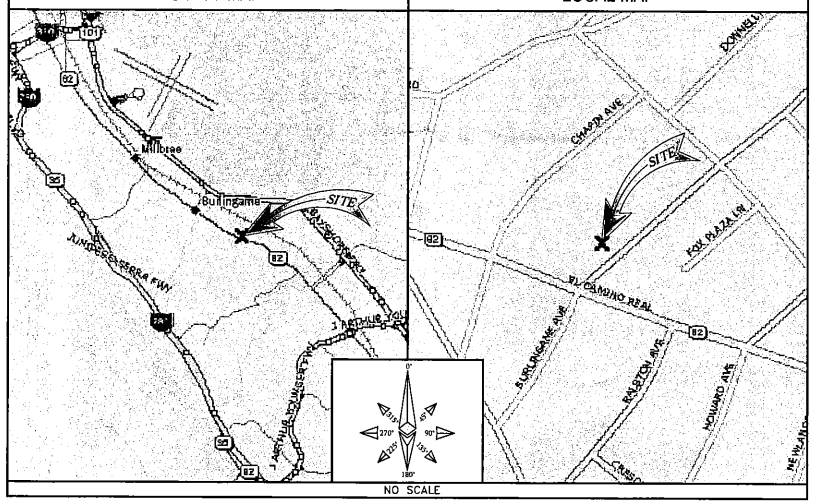
IF USING 11"x17" PLOT, DRAWINGS WILL BE HALF SCALE

CONTACT INFORMATION

ENGINEER:	BLACK & VEATCH CORPORATION 5000 EXECUTIVE PARKWAY SUITE 430 SAN RAMON, CA 94583
CONTACT:	GEORGE XENOS
PHONE:	913-687-9233

LOCATION MAPS

VICINITY MAP | LOCAL MAP



NO SCALE

DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:
GO STRAIGHT ON ROSEWOOD DRIVE. TURN RIGHT ONTO OWENS DRIVE. TURN RIGHT ONTO HACIENDA DRIVE. KEEP RIGHT ONTO I-580 W RAMP. TAKE EXIT 34. KEEP LEFT ONTO I-238 N RAMP. KEEP RIGHT ONTO I-880 S RAMP. TAKE EXIT 27. KEEP RIGHT ONTO SR 92 RAMP. GO STRAIGHT ONTO J ARTHUR YOUNGER FWY. TAKE EXIT 13B. GO STRAIGHT ONTO BAYSHORE FWY RAMP. TAKE EXIT 417B. KEEP RIGHT ONTO RAMP. KEEP LEFT ONTO RAMP. GO STRAIGHT ONTO LOCAL ROAD. GO STRAIGHT ONTO PENINSULA AVENUE. TURN RIGHT ONTO CALIFORNIA DRIVE. TURN LEFT ONTO BURLINGAME AVENUE. THE SITE IS ON THE RIGHT.

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 SITE MODIFICATIONS.

AT&T COMPLIANCE: _____ DATE: _____
AT&T RF ENGINEER: _____ DATE: _____
AT&T OPERATIONS: _____ DATE: _____
AT&T PM: _____ DATE: _____
B&V CONSTRUCTION: _____ DATE: _____
B&V SITE ACQ: _____ DATE: _____
SITE OWNER: _____ DATE: _____

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
C-1	SITE PLAN
C-2	ENLARGED SITE PLAN
C-3	ANTENNA LAYOUT
C-4	SITE ELEVATIONS

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME

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

at&t
4430 ROSEWOOD DRIVE
PLEASANTON, CA 94588

BLACK & VEATCH
10950 GRANDVIEW DRIVE
BUILDING 34
OVERLAND PARK, KS 66210

PROJECT NO:	122091
DRAWN BY:	LJH
CHECKED BY:	RAW

REV	DATE	DESCRIPTION
A	06/28/12	ISSUED FOR REVIEW

NOT TO BE USED FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

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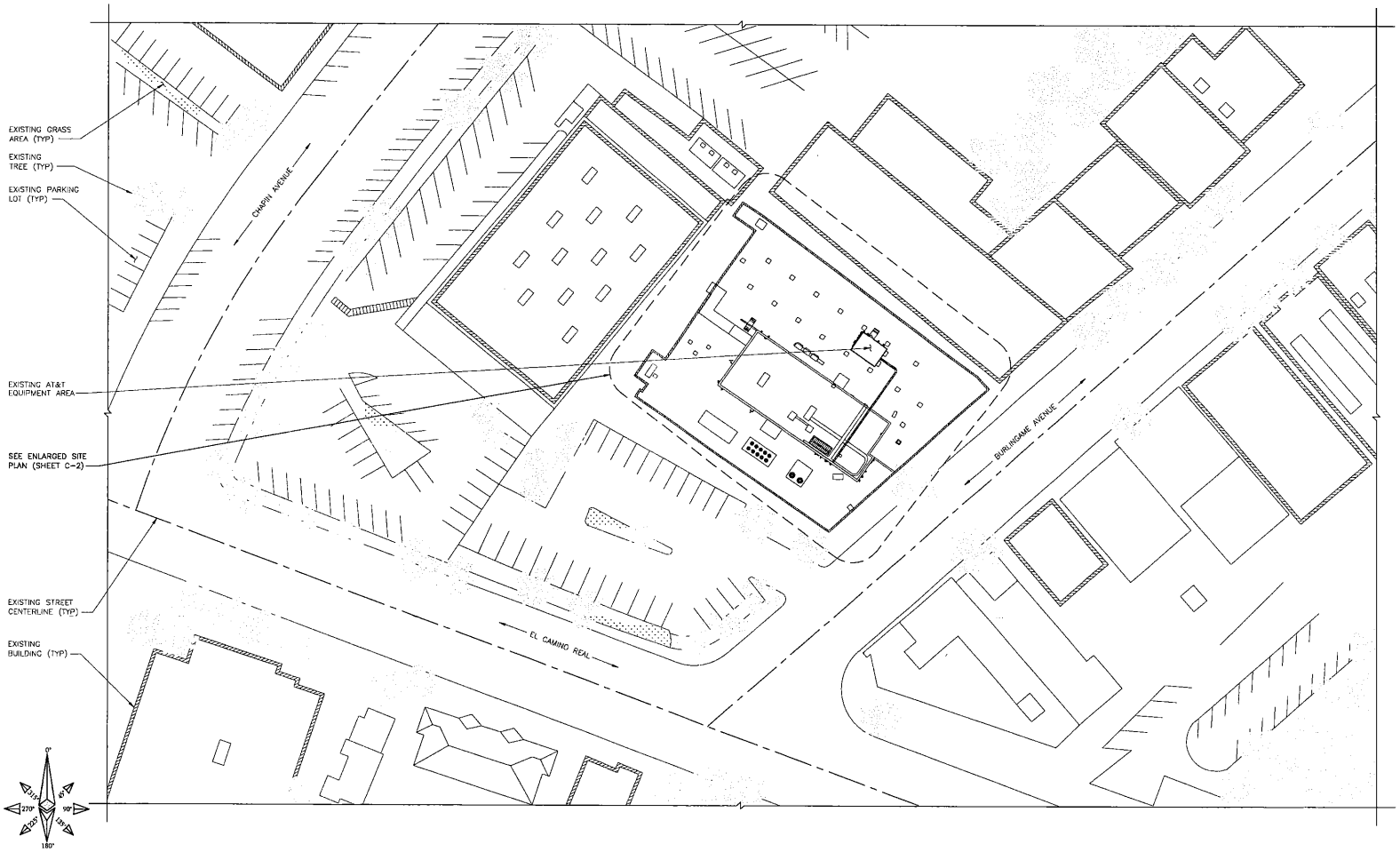
SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



SITE PLAN

30' 20' 10' 0 30' 60'
1"=30'

GRAPHICS LEGEND		ACRONYM LEGEND			
FENCE:		LTE:	LONG TERM EVOLUTION	RRU:	REMOTE RADIO UNIT
WOOD/IRON FENCE:		FIF:	FACILITY INTERFACE FRAME	RET:	REMOTE ELECTRICAL TILT
LEASE AREA:		TDMA:	TIME DIVISION MULTIPLE ACCESS	TMA:	TOWER MOUNTED AMPLIFIER
ICE BRIDGE:		CDMA:	CODE DIVISION MULTIPLE ACCESS	CMU:	CONCRETE MASONRY UNIT
CABLE TRAY:		GSM:	GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS	GPS:	GLOBAL POSITIONING SYSTEM
WALL/PARTITION:		UMTS:	UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM	HVAC:	HEATING VENTILATION AIR CONDITIONING

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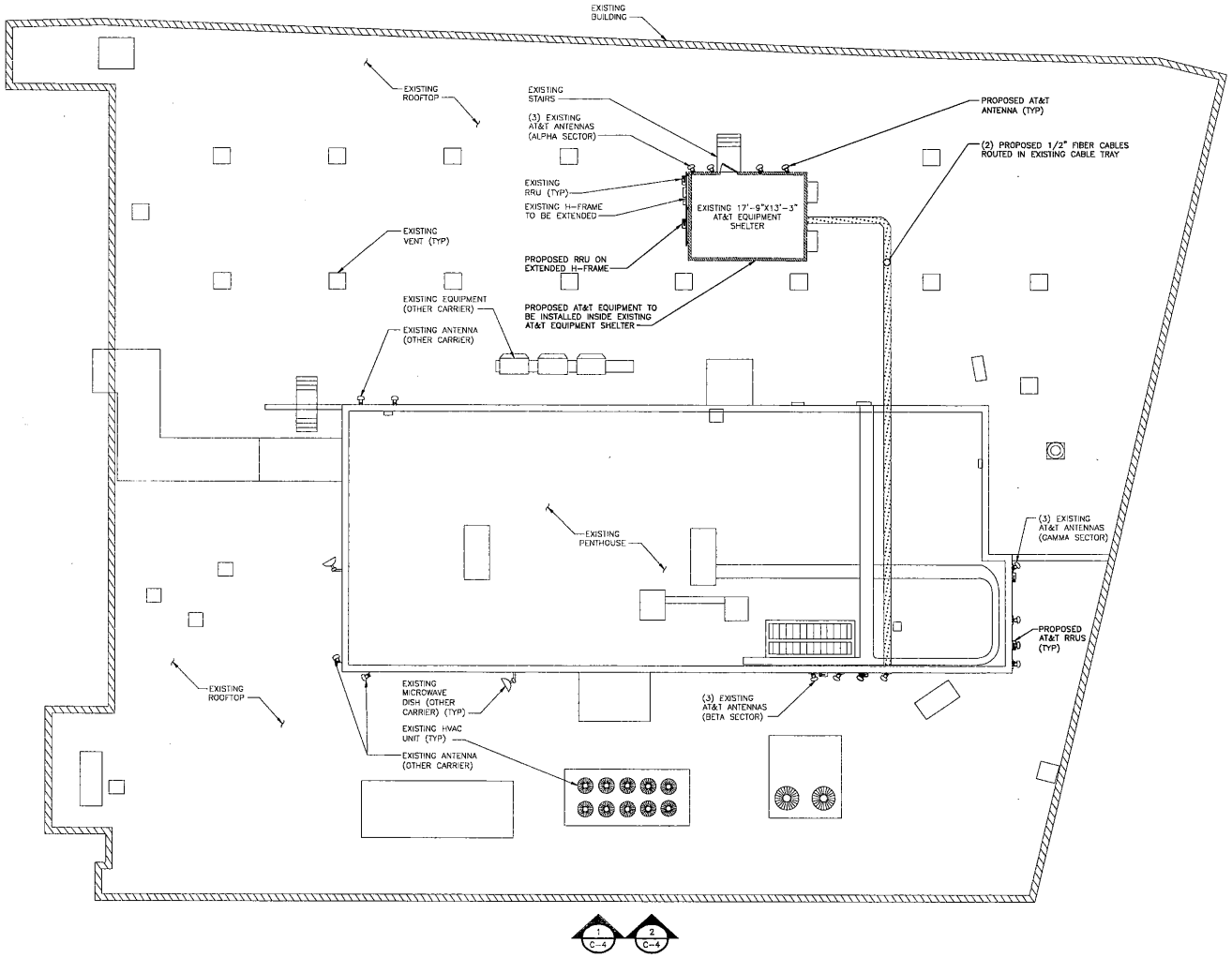
SHEET TITLE
SITE PLAN

SHEET NUMBER
C-1



ENLARGED SITE PLAN

8' 4' 0 8' 16'
1/8"=1'-0"

GRAPHICS LEGEND			
FENCE:	ICE BRIDGE:		
WOOD/IRON FENCE:	CABLE TRAY:		
LEASE AREA:	WALL/PARTITION:		

ACRONYM LEGEND			
LTE:	LONG TERM EVOLUTION	RRU:	REMOTE RADIO UNIT
FIF:	FACILITY INTERFACE FRAME	RET:	REMOTE ELECTRICAL TILT
TDMA:	TIME DIVISION MULTIPLE ACCESS	TMA:	TOWER MOUNTED AMPLIFIER
CDMA:	CODE DIVISION MULTIPLE ACCESS	CMU:	CONCRETE MASONRY UNIT
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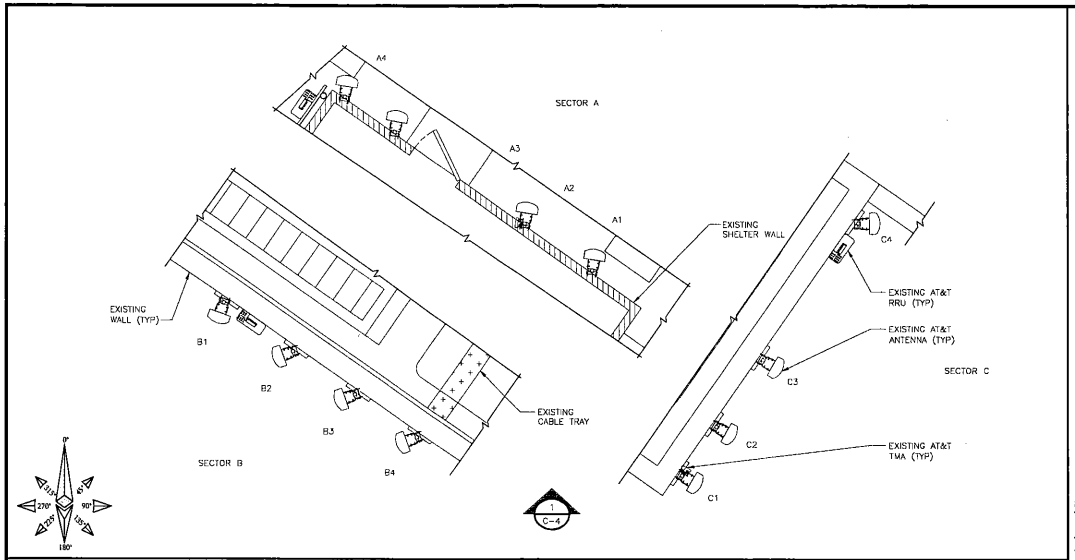
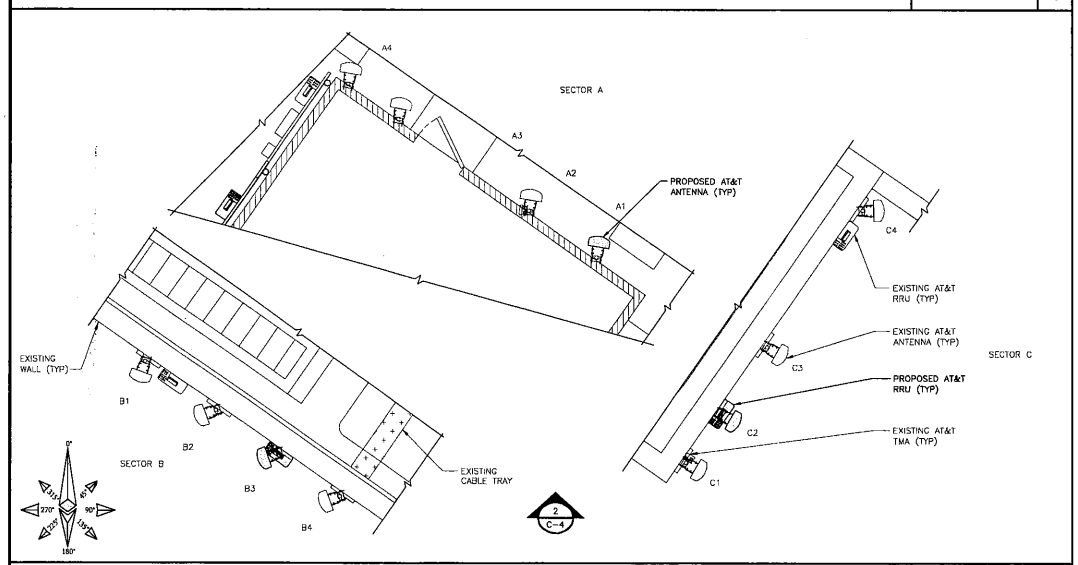
SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
C-2



EXISTING ANTENNA LAYOUT | NO SCALE | 1



PROPOSED ANTENNA LAYOUT | NO SCALE | 2

Antenna Requirements (verify with current RFDS)

Sector	Technology		Antenna	Antenna Azimuth		Antenna Size		Number of TMA's		Number of RRU's		Estimated Feeder Length
	Exist.	Prop.		Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
A1	INACTIVE	UMTS	Prop.	-	10	4'-8"	6'-0"	0	0	0	1	150
A2	GSM	GSM	Exist.	10	10	4'-8"	4'-8"	0	0	0	0	Exist.
A3	UMTS	UMTS	Exist.	10	10	4'-8"	6'-0"	0	0	0	0	Exist.
A4	LTE	LTE	Exist.	220	220	6'-0"	6'-0"	0	0	1	1	Exist.
B1	LTE	LTE	Exist.	200	200	6'-0"	6'-0"	0	0	1	1	Exist.
B2	GSM	GSM	Exist.	250	250	4'-8"	4'-8"	0	0	0	0	Exist.
B3	INACTIVE	UMTS	Prop.	-	250	4'-8"	6'-0"	0	0	0	1	150
B4	UMTS	UMTS	Exist.	250	250	4'-8"	6'-0"	0	0	0	0	Exist.
C1	UMTS	UMTS	Exist.	120	120	6'-0"	6'-0"	0	0	0	0	Exist.
C2	INACTIVE	UMTS	Prop.	-	120	4'-8"	6'-0"	0	0	0	1	150
C3	GSM	GSM	Exist.	120	120	4'-8"	4'-8"	0	0	0	0	Exist.
C4	LTE	LTE	Exist.	80	80	6'-0"	6'-0"	0	0	1	1	Exist.

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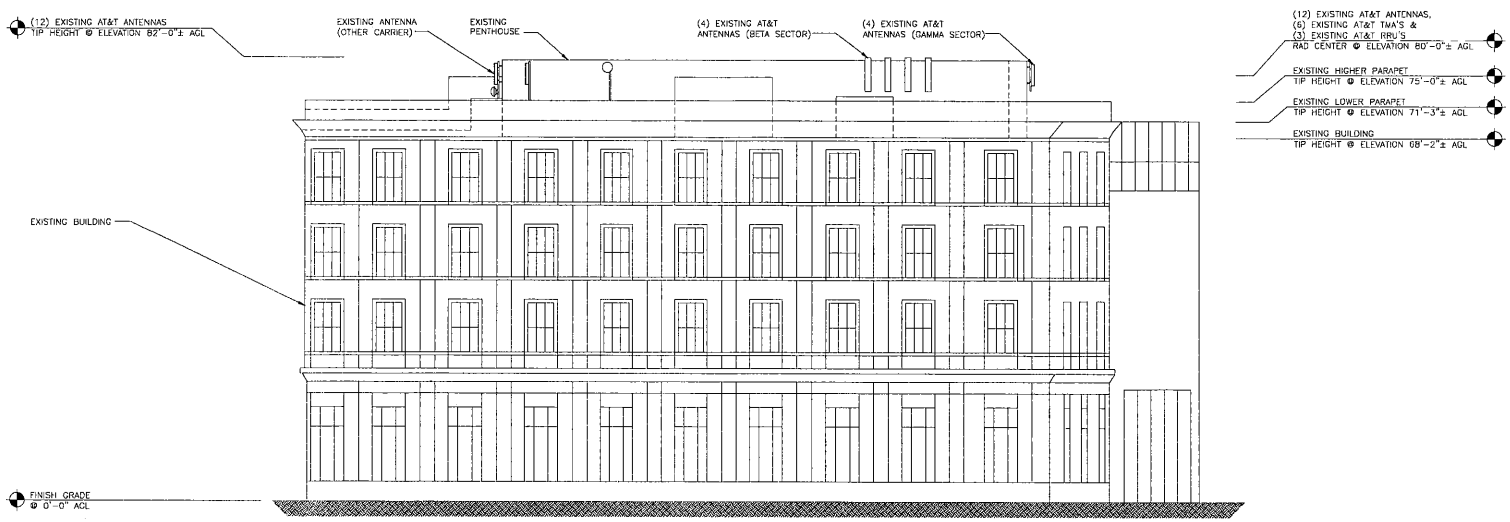
SHEET TITLE
ANTENNA LAYOUT

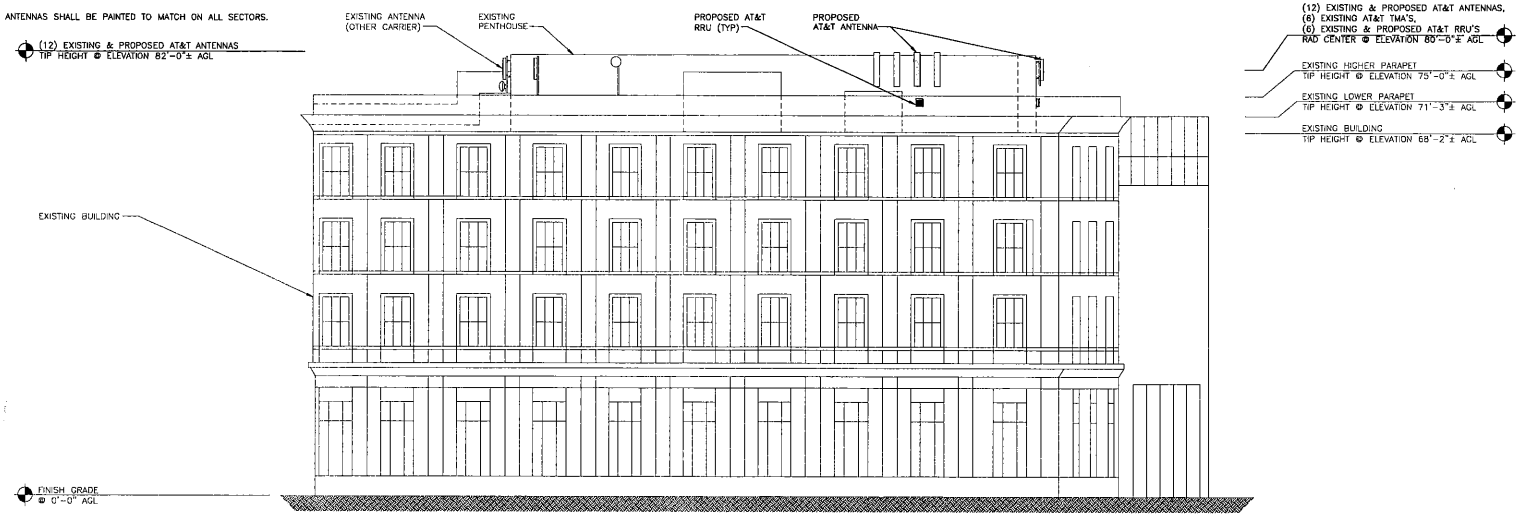
SHEET NUMBER
C-3



EXISTING ELEVATION (LOOKING SOUTHWEST) NO SCALE 1

NOTE

1. PROPOSED ANTENNAS SHALL BE PAINTED TO MATCH ON ALL SECTORS.



PROPOSED ELEVATION (LOOKING SOUTHWEST) NO SCALE 2

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SHEET TITLE

SITE ELEVATIONS

SHEET NUMBER

C-4