CNU007/CCL00007

LTE AWS/WCS/700 DE/850 (RFDS VER. 4.0, REV. 4.0, 11/13/15) SITE: CCL00007
FA.#: 10095870 USID: 12701 PTN: 3701A03EWP PACE# MRSFR027380, PTN: 3701A02SS4, PACE# MRSF025686
PTN: 3701843754 PACE# MRSFR025686, PTN: 3701A02KXH PACE# MRSFR026467

BURLINGAME

1828 EL CAMINO REAL
BURLINGAME, CA 94010

USA NORTH
OF CENTRAL/NORTHERN CALIFORNIA AND NEVADA
1-800-227-2600
AT LEAST TWO DAYS BEFORE YOU DIG

CODE COMPLIANCE

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

1. 2013 CALIFORNIA ADMINISTRATIVE CODE
2. 2013 CALIFORNIA BUILDING CODE
3. 2013 CALIFORNIA ELECTRIC CODE
4. 2013 CALIFORNIA MECHANICAL CODE
5. 2013 CALIFORNIA PLUMBING CODE
6. 2013 CALIFORNIA FIRE CODE
7. ANY LOCAL BUILDING CODE AMENDMENTS TO THE ABOVE
8. CITY/COUNTY ORDINANCES

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

PROJECT DESCRIPTION

THIS IS AN UNMANNED TELECOMMUNICATIONS FACILITY FOR AT&T WIRELESS CONSISTING OF THE INSTALLATION OF THE FOLLOWING:

1. NEW THREE (3) AT&T 8 PORT PANEL ANTENNAS TO REPLACE EXISTING ZONING APPROVED ANTENNAS MOUNTED ON PIPE MOUNTS ON EXISTING PENTHOUSE WALL.
2. NEW SIX (6) HEX PORT ANTENNAS TO REPLACE EXISTING GSM AND UMTS ANTENNAS MOUNTED ON EXISTING PIPE MOUNT
3. NEW THREE (3) RRUS-E2 & THREE (3) RRUS-11 TO BE LOCATED INSIDE THE EQUIPMENT ROOM, THREE (3) RRUS-32 AND THREE (3) RRUS-11 W/THREE (3) A2 MODULES MOUNTED ON EXISTING PENTHOUSE WALL.
4. NEW TWO (2) DC-12 BOXES MOUNTED ON EXISTING RACK INSIDE SHELTER.
5. NEW TWO (2) DUS-41 AND ONE (1) NEW XMU INSTALLED IN (E) 19" RACK.
6. DECOMMISSION TWO (2) 1900 GSM CABINETS LOCATED INSIDE EQUIPMENT ROOM.
7. NEW 2"ø INNERDUCT FOR NEW FIBER AND DC POWER CABLES.

DRIVING DIRECTIONS

FROM AT&T OFFICE - SAN RAMON, CA

1. DEPART EXECUTIVE PKWY TOWARD CAMINO RAMON.
2. TURN RIGHT ONTO CAMINO RAMON.
3. TURN RIGHT ONTO BOLLINGER CANYON RD.
4. TAKE RAMP RIGHT FOR I-680 SOUTH TOWARD SAN JOSE.
5. TAKE RAMP RIGHT FOR I-580 WEST TOWARD DUBLIN / OAKLAND.
6. KEEP LEFT ONTO I-238 N.
7. AT EXIT 16A, TAKE RAMP RIGHT FOR I-880 SOUTH TOWARD SAN MATEO BR / SAN JOSE.
8. AT EXIT 27, TAKE RAMP RIGHT FOR CA-92 WEST TOWARD SAN MATEO BR.
9. AT EXIT 13B, TAKE RAMP RIGHT FOR US-101 TOWARD SAN FRANCISCO / SAN JOSE.
10. AT EXIT 419B, TAKE RAMP RIGHT AND FOLLOW SIGNS FOR BROADWAY.
11. BEAR RIGHT ONTO BROADWAY.
12. TURN RIGHT ONTO CALIFORNIA DR.
13. TURN LEFT ONTO TROUSDALE DR.
14. TURN RIGHT ONTO EL CAMINO REAL.
15. ARRIVE AT 1828 EL CAMINO REAL, BURLINGAME, CA 94010.

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWING:

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

SHEET INDEX

SHEET	DESCRIPTION	REV.
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A-5	EXISTING & NEW SOUTHWEST ELEVATIONS	A
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A-6	EQUIPMENT & CONSTRUCTION DETAILS	A

PROJECT TEAM

ENGINEER:
PDC CORPORATION
4555 LAS POSITAS RD,
BLDG. A, STE. B
LIVERMORE, CA 94551
ENGR. OF RECORD: SOHAIL A. SHAH. P.E.
CONTACT: PAULO PUELIU
OFFICE: (925) 606-5868
MOBILE: (510) 385-5541
EMAIL: paulo@pdccorp.net

APPLICANT/LESSEE:
AT&T MOBILITY
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

SITE ACQUISITION MANAGER:
ERICSSON
6140 STONERIDGE MALL DR. SUITE 350
PLEASANTON, CA 94588
CONTACT: SARAH STARR
PHONE: (408) 482-1764
EMAIL: sarah.starr@ericsson.com

ZONING MANAGER:
ERICSSON
6140 STONERIDGE MALL DR, #350
PLEASANTON, CA 94588
CONTACT: SARAH STARR
PHONE: (408) 482-1764
EMAIL: sarah.starr@ericsson.com

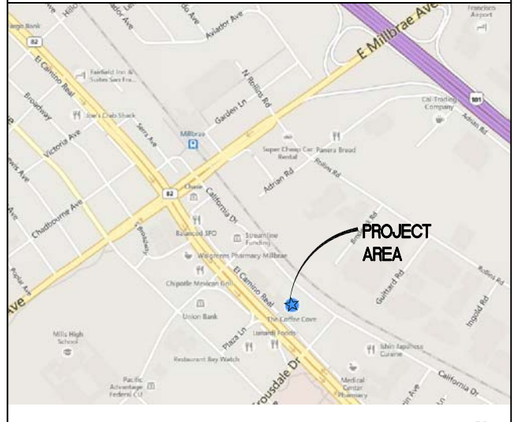
RF ENGINEER:
AT&T
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583
CONTACT: EDWARD HERNANDEZ
EMAIL: eh5556@us.att.com

CONSTRUCTION MANAGER:
ERICSSON
6140 STONERIDGE MALL DR. SUITE 350
PLEASANTON, CA 94588
CONTACT: RHIZA ENRIQUEZ
PHONE: (347) 845-9532
EMAIL: rhiza.enriquez@ericsson.com

PROJECT INFORMATION

SITE ADDRESS:	1828 EL CAMINO REAL BURLINGAME, CA 94010
APN:	025-150-220
PROPERTY OWNER:	PICCADILLY PENPRO, INC. EL CAMINO REAL BURLINGAME, CA 94010
LATITUDE:	37° 35' 44.18" N (NAD 83)
LONGITUDE:	-122° 23' 1.30" W (NAD 83)
GROUND ELEVATION:	±190' AMSL
HEIGHT OF STRUCTURE:	98'-0" AGL
ZONING:	M2000
JURISDICTION:	CITY OF BURLINGAME
TELEPHONE:	AT&T
POWER:	PG&E

VICINITY MAP



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APPROVALS

LANDLORD: _____
CONSTRUCTION MANAGER: _____
RF ENGINEER: _____
SITE ACQUISITION MANAGER: _____
ZONING MANAGER: _____
UTILITY COORDINATOR: _____
PROGRAM REGIONAL MANAGER: _____
NETWORK OPERATIONS MANAGER: _____

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

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PLANS PREPARED BY:
PDC CORPORATION
4555 LAS POSITAS RD, BLDG. A, STE. B
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TEL: (925) 606-5868

CONSULTANT:
ERICSSON
6140 STONERIDGE MALL DR., SUITE 350
PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:
TITLE SHEET, SITE INFORMATION AND VICINITY MAP

SHEET NUMBER:
T-1

NEW ANTENNA

EXISTING ANTENNA

GROUND ROD

GROUND BUS BAR

MECHANICAL GRND. CONN.

CADWELD

GROUND ACCESS WELL

ELECTRIC BOX

TELEPHONE BOX

LIGHT POLE

FND. MONUMENT

SPOT ELEVATION

SET POINT

REVISION

GRID REFERENCE

DETAIL REFERENCE

ELEVATION REFERENCE

SECTION REFERENCE

GROUT OR PLASTER

(E) BRICK

(E) MASONRY

CONCRETE

EARTH

GRAVEL

PLYWOOD

SAND

WOOD CONT.

WOOD BLOCKING

STEEL

CENTERLINE

PROPERTY/LEASE LINE

MATCH LINE

WORK POINT

GROUND CONDUCTOR

T TELEPHONE CONDUIT

E ELECTRICAL CONDUIT

A COAXIAL CABLE

ou OVERHEAD SERVICE CONDUCTORS

X CHAIN LINK FENCING

F/P FIBER/POWER CONDUIT

LEGEND | 1

A.B.	ANCHOR BOLT
ABV.	ABOVE
ACCA	ANTENNA CABLE COVER ASSEMBLY
ADD'L	ADDITIONAL
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
ALUM.	ALUMINUM
ALT.	ALTERNATE
ANT.	ANTENNA
APPRX.	APPROXIMATE(LY)
ARCH.	ARCHITECT(URAL)
AWG.	AMERICAN WIRE GAUGE
BLDG.	BUILDING
BLK.	BLOCK
BLKG.	BLOCKING
BM.	BEAM
B.N.	BOUNDARY NAILING
BTCW.	BARE TINNED COPPER WIRE
B.O.F.	BOTTOM OF FOOTING
B/U	BACK-UP CABINET
CAB.	CABINET
CANT.	CANTILEVER(ED)
C.I.P.	CAST IN PLACE
CLG.	CEILING
CLR.	CLEAR
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION(OR)
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
d	PENNY (NAILS)
DBL.	DOUBLE
DEPT.	DEPARTMENT
D.F.	DOUGLAS FIR
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DWG.	DRAWING(S)
DWL.	DOWEL(S)
EA.	EACH
EL.	ELEVATION
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMT.	ELECTRICAL METALLIC TUBING
E.N.	EDGE NAIL
ENG.	ENGINEER
EQ.	EQUAL
EXP.	EXPANSION
EXST.(E)	EXISTING
EXT.	EXTERIOR
FAB.	FABRICATION(OR)
F.F.	FINISH FLOOR
F.G.	FINISH GRADE
FIN.	FINISH(ED)
FLR.	FLOOR
FDN.	FOUNDATION
F.O.C.	FACE OF CONCRETE
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.O.W.	FACE OF WALL
F.S.	FINISH SURFACE
FT.(')	FOOT (FEET)
FTG.	FOOTING
G.	GROWTH (CABINET)
GA.	GAUGE
GI.	GALVANIZE(D)
G.F.I.	GROUND FAULT CIRCUIT INTERRUPTER
GLB. (GLU-LAM)	GLUE LAMINATED BEAM
GPS	GLOBAL POSITIONING SYSTEM
GRND.	GROUND
HDR.	HEADER
HGR.	HANGER
HT.	HEIGHT
ICGB.	ISOLATED COPPER GROUND BUS
IN.(")	INCH(ES)
INT.	INTERIOR
LB.(#)	POUND(S)
L.B.	LAG BOLTS
L.F.	LINEAR FEET (FOOT)
L.	LONG(ITUDINAL)
MAS.	MASONRY
MAX.	MAXIMUM
M.B.	MACHINE BOLT
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MTL.	METAL
(N)	NEW
NO.(#)	NUMBER
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
OPNG.	OPENING
P/C	PRECAST CONCRETE
PCS	PERSONAL COMMUNICATION SERVICES
PLY.	PLYWOOD
PPC	POWER PROTECTION CABINET
PRC	PRIMARY RADIO CABINET
P.S.F.	POUNDS PER SQUARE FOOT
P.S.I.	POUNDS PER SQUARE INCH
P.T.	PRESSURE TREATED
PWR.	POWER (CABINET)
QTY.	QUANTITY
RAD.(R)	RADIUS
REF.	REFERENCE
REINF.	REINFORCEMENT(ING)
REQ'D.	REQUIRED
RGS.	RIGID GALVANIZED STEEL
SCH.	SCHEDULE
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATION(S)
SQ.	SQUARE
S.S.	STAINLESS STEEL
STD.	STANDARD
STL.	STEEL
STRUC.	STRUCTURAL
TEMP.	TEMPORARY
THK.	THICK(NESS)
T.N.	TOE NAIL
T.O.A.	TOP OF ANTENNA
T.O.C.	TOP OF CURB
T.O.F.	TOP OF FOUNDATION
T.O.P.	TOP OF PLATE (PARAPET)
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TYP.	TYPICAL
U.G.	UNDER GROUND
U.L.	UNDERWRITERS LABORATORY
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
W	WIDE(WIDTH)
W/	WITH
WD.	WOOD
W.P.	WEATHERPROOF
WT.	WEIGHT
℄	CENTERLINE
℄	PLATE, PROPERTY LINE

ABBREVIATIONS | 2

GENERAL NOTES FOR EXISTING AT&T CELL SITES:

1. PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DRAWINGS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
2. SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS MUST BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
3. THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH CONTRACTOR. ALSO, WORK SHOULD BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDNIGHT.
4. SINCE THE CELL SITE IS ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGER. PERSONAL RF EXPOSURE MONITORS ARE ADVISED TO BE WORN TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.
5. SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND TELCO PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR.
6. SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.

GENERAL NOTES FOR EXISTING AWS CELL SITES | 3

GENERAL CONSTRUCTION NOTES:

1. THE FACILITY IS AN UNOCCUPIED DIGITAL TELECOMMUNICATION FACILITY.
2. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTORS SHALL VISIT THE JOB SITE AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
4. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
6. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK. MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
7. THE GENERAL CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE BEST SKILLS AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION ENGINEER AND WITH THE LANDLORD'S AUTHORIZED REPRESENTATIVE.
8. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH U.L. LISTED AND FIRE CODE APPROVED MATERIALS.
9. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE PROJECT AREA DURING CONSTRUCTION.
10. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTER 23 OF THE CBC REGARDING EARTHQUAKE PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS AND MECHANICAL EQUIPMENT. ALL WORK MUST BE IN ACCORDANCE WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
11. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS, AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.
12. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWING, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH THE BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ENGINEER.
13. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACES, ETC., AND UPON COMPLETION OF WORK REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF AT&T.
14. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST OR SMUDGES OF ANY NATURE.
15. PENETRATIONS OF ROOF MEMBRANES SHALL BE PATCHED/FLASHED AND MADE WATERTIGHT USING LIKE MATERIALS IN ACCORDANCE WITH NRCA ROOFING STANDARDS AND DETAILS. CONTRACTOR SHALL OBTAIN DETAILING CLARIFICATION FOR SITE-SPECIFIC CONDITIONS FROM ENGINEER, IF NECESSARY, BEFORE PROCEEDING.
16. BEFORE ORDERING AND/OR BEFORE FABRICATING/CONSTRUCTING/INSTALLING ANY ITEMS, VERIFY THE TYPES AND QUANTITIES.
17. CONTRACTOR SHALL PROVIDE SITE FOREMAN WITH A CELLULAR PHONE AND PAGER, AND KEEP SAME ON SITE WHENEVER PERSONNEL ARE ON SITE.
18. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE SITE AND NOTIFY THE PROJECT MANAGER OF ANY DISCREPANCES BEFORE STARTING ANY WORK.
19. KEEP GENERAL AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
20. CONTRACTOR TO PROVIDE COMPLETE SET OF AS BUILT DRAWINGS WITHIN 10 WORKING DAYS OF PROJECT COMPLETION
21. CONTRACTOR IS TO EXCAVATE 6" BELOW EXISTING GRADE AND SPRAY WITH WEED CONTROL. REPLACE WITH CLASS II AGGREGATE BASE AND CRUSHED WASHED ROCK. AS SPECIFIED ON SITE PLAN.
22. CONTRACTOR SHALL PROVIDE TOILET FACILITY DURING ALL PHASES OF CONSTRUCTION.
23. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR THE FABRICATION OF MATERIALS TO BE INSTALLED AT THE SITE, THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS INCLUDING AS-BUILT DIMENSIONS OF EXISTING STRUCTURES OR STRUCTURAL ELEMENTS HAVING A BEARING ON THE SCOPE OF THE WORK TO BE PERFORMED. IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE DIMENSIONS OR CONDITIONS FOUND TO BE EXISTING IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OBTAIN DESIGN RESOLUTION PRIOR TO PROCEEDING WITH THE PORTION(S) OF THE WORK AFFECTED. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO SO NOTIFY THE ENGINEER AND OBTAIN RESOLUTION BEFORE PROCEEDING.

GENERAL CONSTRUCTION NOTES | 4

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT INFORMATION:

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PLANS PREPARED BY:

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LIVERMORE, CA 94551
TEL: (925) 606-5868

CONSULTANT:

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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

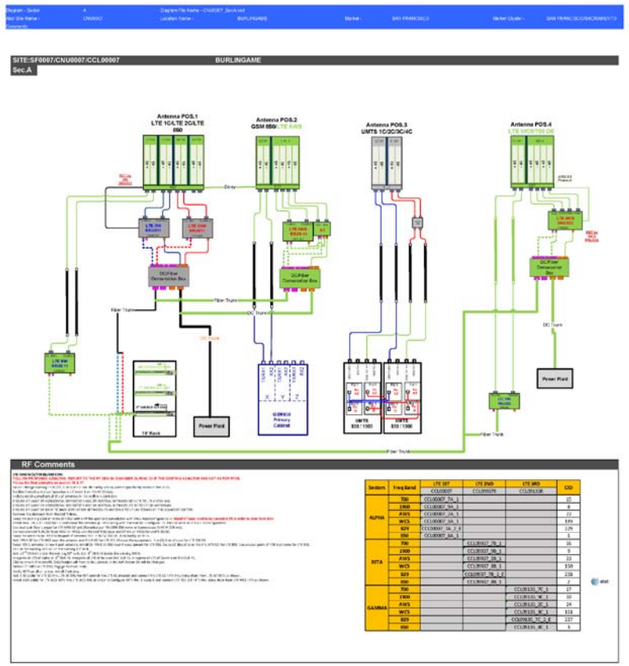
LICENSER:

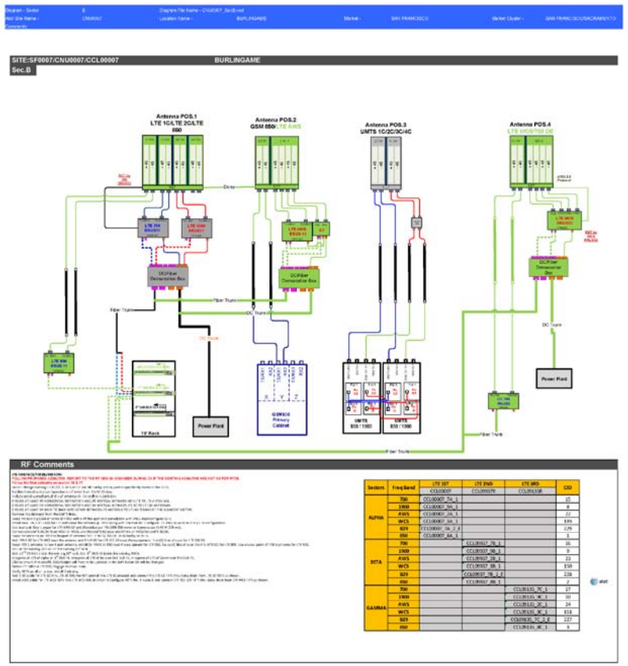
SHEET TITLE:

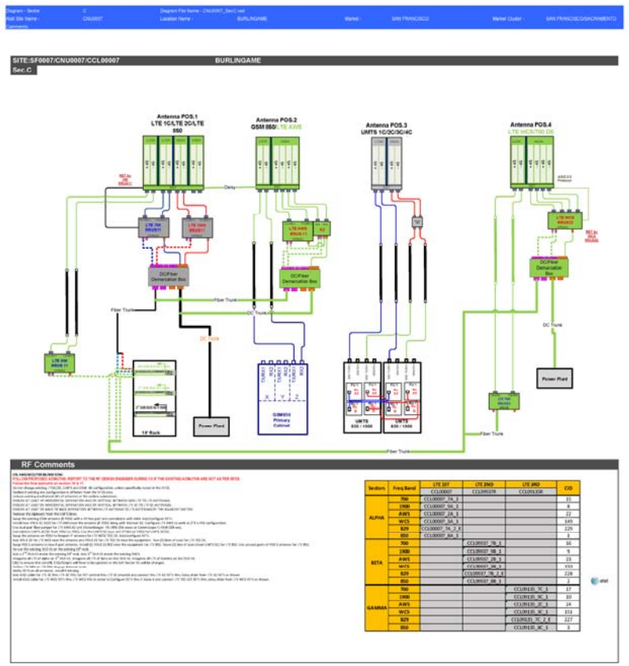
GENERAL NOTES, LEGEND AND ABBREVIATIONS

SHEET NUMBER:

T-2







NORTHERN CALIFORNIA ANTENNA COLOR CODES

A SECTOR (ALPHA)

GSM 1900	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	2 BROWN	2 ORANGE	2 BRN/1RED	2 ORN/1 RED	2 BRN/2 RED	2 ORN/2 RED
GSM 850	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	3 BROWN	3 ORANGE	3 BRN/1RED	3 ORN/1 RED	3 BRN/2 RED	3 ORN/2 RED
UMTS 1900	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	4 BROWN	4 ORANGE	4 BRN/1RED	4 ORN/1 RED	4 BRN/2 RED	4 ORN/2 RED
UMTS 850	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	5 BROWN	5 ORANGE	5 BRN/1RED	5 ORN/1 RED	5 BRN/2 RED	5 ORN/2 RED
LTE 700	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	6 BROWN	6 ORANGE	6 BRN/1RED	6 ORN/1 RED	6 BRN/2 RED	6 ORN/2 RED
LTE 1700/2100	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	7 BROWN	7 ORANGE	7 BRN/1RED	7 ORN/1 RED	7 BRN/2 RED	7 ORN/2 RED

B SECTOR (BRAVO)

GSM 1900	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	2 YELLOW	2 BLUE	2 YEL/1RED	2 BLU/1 RED	2 YEL/2 RED	2 BLU/2 RED
GSM 850	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	3 YELLOW	3 BLUE	3 YEL/1RED	3 BLU/1 RED	3 YEL/2 RED	3 BLU/2 RED
UMTS 1900	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	4 YELLOW	4 BLUE	4 YEL/1RED	4 BLU/1 RED	4 YEL/2 RED	4 BLU/2 RED
UMTS 850	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	5 YELLOW	5 BLUE	5 YEL/1RED	5 BLU/1 RED	5 YEL/2 RED	5 BLU/2 RED
LTE 700	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	6 YELLOW	5 BLUE	6 YEL/1RED	6 BLU/1 RED	6 YEL/2 RED	6 BLU/2 RED
LTE 1700/2100	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	7 YELLOW	7 BLUE	7 YEL/1RED	7 BLU/1 RED	7 YEL/2 RED	7 BLU/2 RED

C SECTOR (CHARLIE)

GSM 1900	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	2 VIOLET	2 WHITE	2 VIO/1RED	2 WHT/1 RED	2 VIO/2 RED	2 WHT/2 RED
GSM 850	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	3 VIOLET	3 WHITE	3 VIO/1RED	3 WHT/1 RED	3 VIO/2 RED	3 WHT/2 RED
UMTS 1900	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	4 VIOLET	4 WHITE	4 VIO/1RED	4 WHT/1 RED	4 VIO/2 RED	4 WHT/2 RED
UMTS 850	TX 1/RX 1	RX 2	TX 3/RX 3	RX 4	TX 5/RX 5	RX 6
	5 VIOLET	5 WHITE	5 VIO/1RED	5 WHT/1 RED	5 VIO/2 RED	5 WHT/2 RED
LTE 700	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	6 VIOLET	6 WHITE	6 VIO/1RED	6 WHT/1 RED	6 VIO/2 RED	6 WHT/2 RED
LTE 1700/2100	TX 1/RX 1	TX 2/RX 2	TX 3/RX 3	TX 4/RX 4	TX 5/RX 5	TX 6/RX 6
	7 VIOLET	7 WHITE	7 VIO/1RED	7 WHT/1 RED	7 VIO/2 RED	7 WHT/2 RED

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT INFORMATION:

CNU007/CCL00007
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FA#:10095870 USID: 12701
BURLINGAME
1828 EL CAMINO REAL
BURLINGAME, CA 94010

CURRENT ISSUE DATE:

01/08/16

ISSUED FOR:

90% CONSTRUCTION DRAWING

REV.: | DATE: | DESCRIPTION: | BY:

A	01/08/15	90% CONSTRUCTION DRAWING	SJS

PLANS PREPARED BY:

PDC CORPORATION
4555 LAS POSITAS RD, BLDG. A, STE. B
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ERICSSON
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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:

RFDS AND COLOR CODES

SHEET NUMBER:

T-3

SCALE NOTE:

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

GENERAL NOTES:

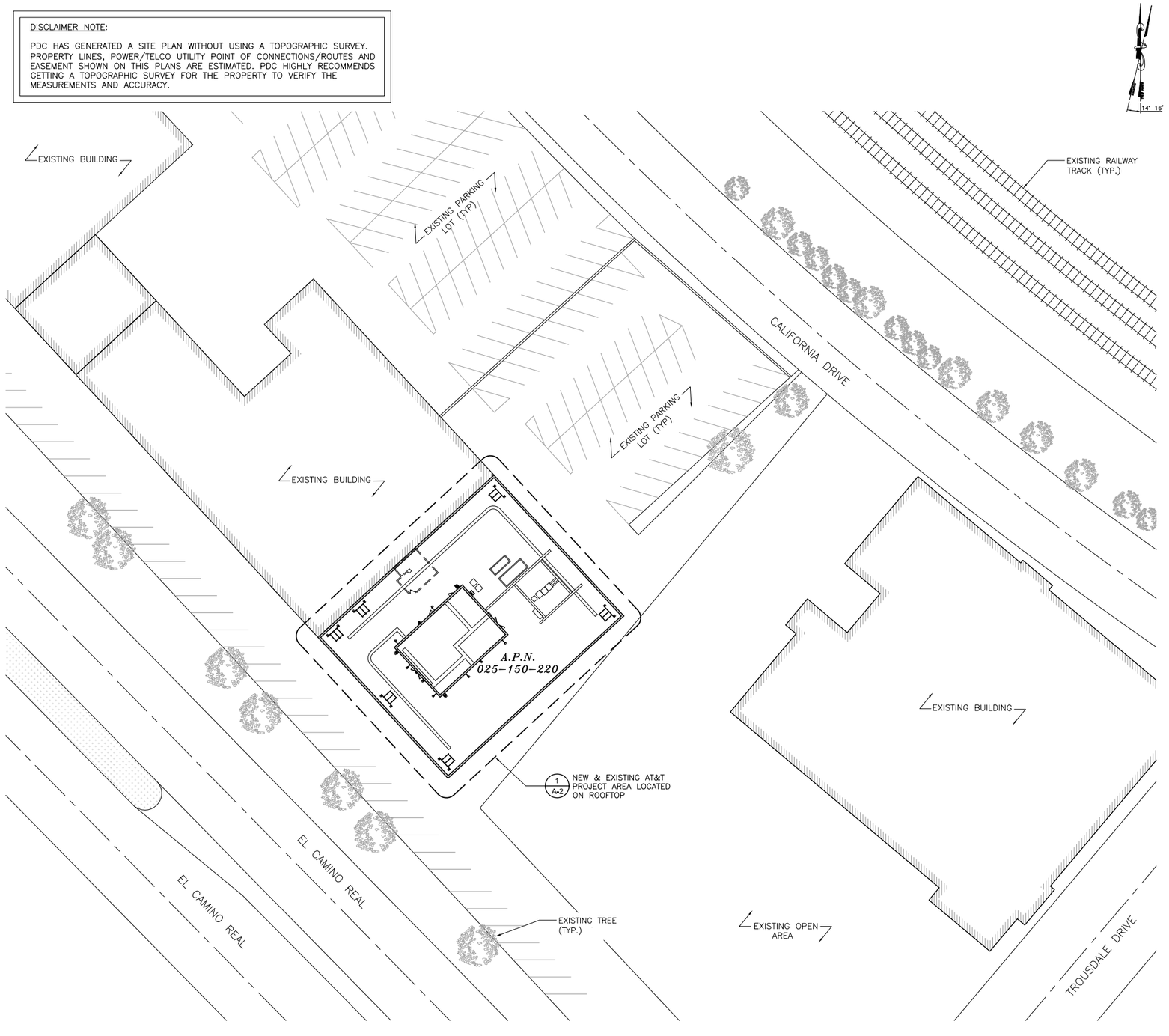
1. THIS PROPOSAL IS FOR THE MODIFICATION OF AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY CONSISTING OF INSTALLATION OF THE FOLLOWING: NEW SIX (6) AT&T 6 PORT PANEL ANTENNAS TO REPLACE EXISTING ZONING APPROVED ANTENNAS MOUNTED ON PIPE MOUNTS ON EXISTING PENTHOUSE WALL. NEW THREE (3) RRUS-E2, THREE (3) RRUS-32 AND THREE (3) RRUS-11 W/THREE (3) A2 MODULES MOUNTED ON EXISTING PENTHOUSE WALL. NEW THREE (3) DC-6 BOXES MOUNTED ON EXISTING PENTHOUSE WALL. NEW DUS-41, RE-USE EXISTING DUS-41 AND ADD XMU TO BE MOUNTED TO EXISTING 19" RACK INSIDE EQUIPMENT ROOM. DECOMMISSION TWO (2) 1900 GSM CABINETS LOCATED INSIDE EQUIPMENT ROOM. NEW 2"ø INNERDUCT FOR NEW FIBER AND DC POWER CABLES NEW DC-12 RAYCAP MOUNTED TO EXISTING RACK.
2. THE EXISTING FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE.
3. THE EXISTING FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITAT. (NO HANDICAP ACCESS IS REQUIRED).
4. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
5. NO NOISE, SMOKE, DUST OR ODOR WILL RESULT FROM THIS PROPOSAL.
6. OUTDOOR STORAGE AND SOLID WASTE CONTAINERS ARE NOT NEW.
7. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
8. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THE CONSTRUCTION OPERATION.
9. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTION REQUIRED FOR CONSTRUCTION.
10. SUBCONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
11. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND DRAWINGS PROVIDED BY THE SITE OWNER. SUBCONTRACTOR SHALL NOTIFY AT&T OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.

SITE WORK GENERAL NOTES:

1. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. 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 WILL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION B) CONFINED SPACE C) ELECTRICAL SAFETY D) TRENCHING & EXCAVATION.
2. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND PROJECT SPECIFICATIONS.
3. IF NECESSARY, RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
4. THE SITE SHALL BE GRADED TO CAUSE SURFACE WATER TO FLOW AWAY FROM THE BTS EQUIPMENT AND TOWER AREAS.
5. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
6. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO FINISHED SURFACE APPLICATION.
7. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF ENGINEERING, OWNER AND/OR LOCAL UTILITIES.
8. THE AREAS OF THE OWNERS 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 AS SPECIFIED IN THE PROJECT SPECIFICATIONS.
9. SUBCONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE LOCAL GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
10. ADD ELECTRICAL CONNECTIONS IN THE PUBLIC RIGHT OF WAY SHALL BE INSTALLED UNDERGROUND TO THE NEAREST UTILITY POLE.
11. NO WORK SHALL BE DONE WITHIN THE PUBLIC RIGHT-OF-WAY WITHOUT THE PRIOR APPROVAL AND PERMIT FROM THE ENVIRONMENTAL AND PUBLIC WORKS MANAGEMENT DEPARTMENT – ADMINISTRATIVE SERVICES.
12. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ALL DAMAGED OFFSITE IMPROVEMENTS CAUSED BY CONSTRUCTION. CALL PUBLIC WORKS INSPECTOR FOR INSPECTION OF OFFSITE IMPROVEMENTS AT SUBSTANTIAL COMPLETION OF ONSITE WORK.
13. NO CONSTRUCTION DEBRIS SHALL BE SPILLED OR STORED ONTO PUBLIC RIGHT-OF-WAY.
14. NO RUNOFF SEDIMENT OR WASTES IS ALLOWED IN WATER LEAVING THE SITE.
15. ALL SITE UTILITIES SHALL BE CONSTRUCTED UNDERGROUND TO THE NEAREST POLE.
16. ALL LABOR, EQUIPMENT AND MATERIAL REQUIRED FOR OFF-SITE IMPROVEMENTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.

DISCLAIMER NOTE:

PDC HAS GENERATED A SITE PLAN WITHOUT USING A TOPOGRAPHIC SURVEY. PROPERTY LINES, POWER/TELCO UTILITY POINT OF CONNECTIONS/ROUTES AND EASEMENT SHOWN ON THIS PLANS ARE ESTIMATED. PDC HIGHLY RECOMMENDS GETTING A TOPOGRAPHIC SURVEY FOR THE PROPERTY TO VERIFY THE MEASUREMENTS AND ACCURACY.



SITE PLAN

0 20' 40' 100' SCALE 1" = 40'-0"

1

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT INFORMATION:

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BURLINGAME, CA 94010

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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:

SITE PLAN

SHEET NUMBER:

A-1

SCALE NOTE:

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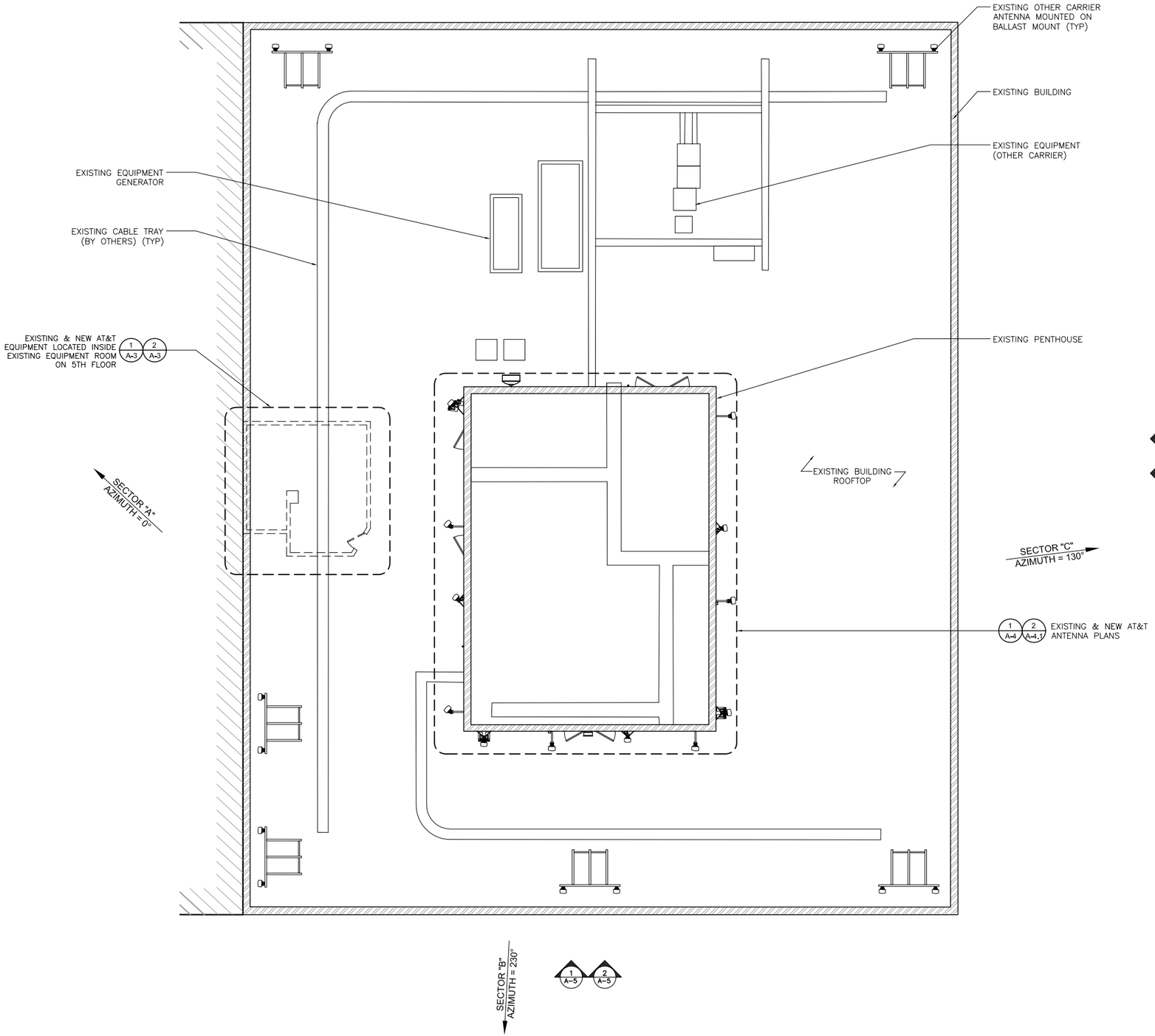

ENLARGED SITE PLAN

0 8' 16' 32'

SCALE 1/16" = 1'-0"

1

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DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER:

A-2

SCALE NOTE:

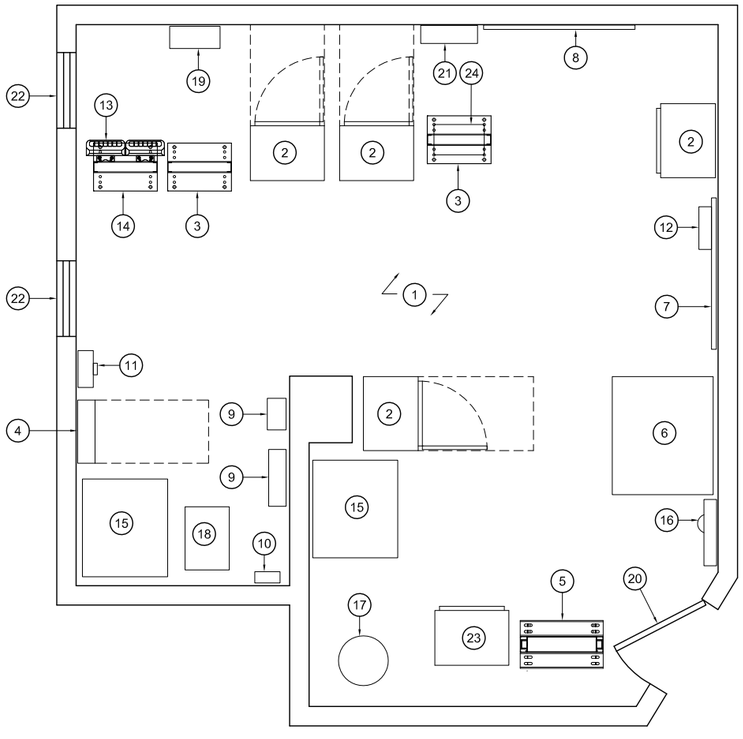
IF DIMENSIONS SHOWN ON PLAN DO NOT SCALE CORRECTLY, CHECK FOR REDUCTION OR ENLARGEMENT FROM ORIGINAL PLANS.

KEYED NOTES:

1. EXISTING AT&T EQUIPMENT ROOM LOCATED ON 5TH FLOOR
2. EXISTING 2206 CABINET
3. EXISTING FIF RACK
4. EXISTING DISTRIBUTION PANEL
5. EXISTING DC POWER PLANT
6. EXISTING BATTERIES
7. EXISTING TELCO BOARD
8. EXISTING COAX ENTRY PORT
9. EXISTING MANUAL TRANSFER SWITCH
10. EXISTING A/C DISCONNECT SWITCH
11. EXISTING METER
12. EXISTING CIENA CABINET
13. EXISTING (3) RRUS STACKED TO BE REMOVED
14. EXISTING RRUS RACK
15. EXISTING HVAC UNIT
16. EXISTING FIRE EXTINGUISHER
17. EXISTING HALON TANK
18. EXISTING TRANSFORMER
19. EXISTING INTERFACE PANEL
20. EXISTING ACCESS DOOR
21. EXISTING FIRE ALARM PANEL
22. EXISTING WINDOW (TYP)
23. EXISTING (2) GSM CABINETS TO BE REMOVED
24. EXISTING 3418 UMTS CABINET TO BE REMOVED

NOTES:

1. NEW AT&T FIBER RUN TO BE MOUNTED ALONG SIDE OF EXISTING COAX CABLE RUN. (GENERAL CONTRACTOR TO VERIFY EXACT ROUTE PRIOR TO CONSTRUCTION).
2. DECOMMISSION AND REMOVE TWO (2) GSM 1900 CABINETS.
3. PRIOR TO ANY EQUIPMENT REMOVAL, CONTACT AT&T FOR AUTHORIZATION.



EXISTING EQUIPMENT LAYOUT

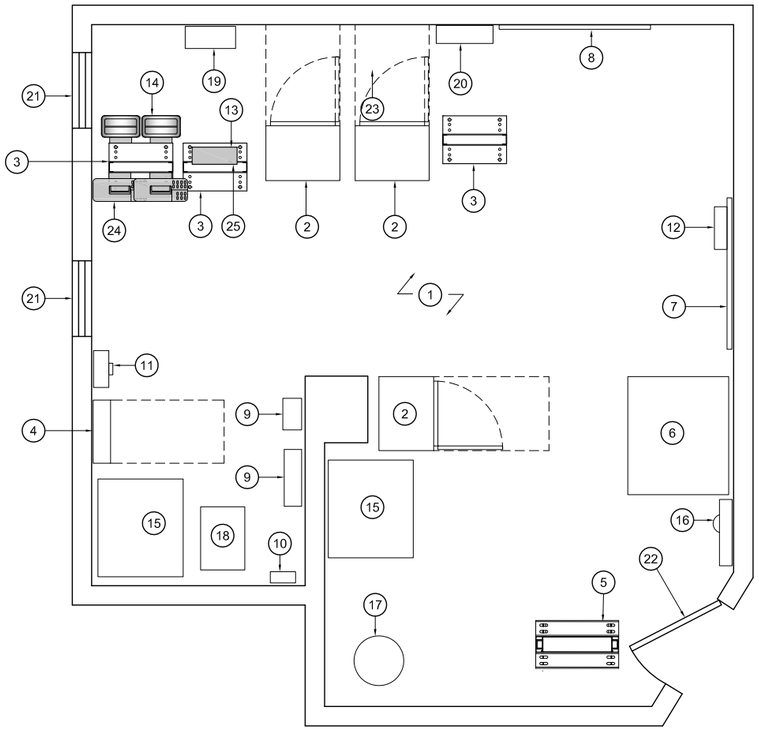
0 1' 2' 4'

SCALE 1/2" = 1'-0"

1

KEYED NOTES:

1. EXISTING AT&T EQUIPMENT ROOM LOCATED ON 5TH FLOOR
2. EXISTING UMTS CABINET
3. EXISTING FIF RACK
4. EXISTING DISTRIBUTION PANEL
5. EXISTING DC POWER PLANT
6. EXISTING BATTERIES
7. EXISTING TELCO BOARD
8. EXISTING COAX ENTRY PORT
9. EXISTING MANUAL TRANSFER SWITCH
10. EXISTING A/C DISCONNECT SWITCH
11. EXISTING METER
12. EXISTING CIENA CABINET
13. NEW TWO (2) DC 12 INDOOR RAYCAP MOUNTED ON (E) RACK
14. NEW THREE (3) RRU E2 MOUNTED ON 19" RACK
15. EXISTING HVAC UNIT
16. EXISTING FIRE EXTINGUISHER
17. EXISTING HALON TANK
18. EXISTING TRANSFORMER
19. EXISTING INTERFACE PANEL
20. EXISTING FIRE ALARM PANEL
21. EXISTING WINDOW (TYP)
22. EXISTING ACCESS DOOR
23. (E) GROUND HALO VERIFY IN FIELD
24. NEW THREE (3) RRUS 11 MOUNTED ON EXISTING 19" RACK
25. NEW TWO (2) DUS-41 UNITS MOUNTED ON 19" RACK



NEW EQUIPMENT LAYOUT

0 1' 2' 4'

SCALE 1/2" = 1'-0"

2

at&t
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PLANS PREPARED BY:

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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:

EXISTING & NEW EQUIPMENT LAYOUTS

SHEET NUMBER:

A-3

SCALE NOTE:

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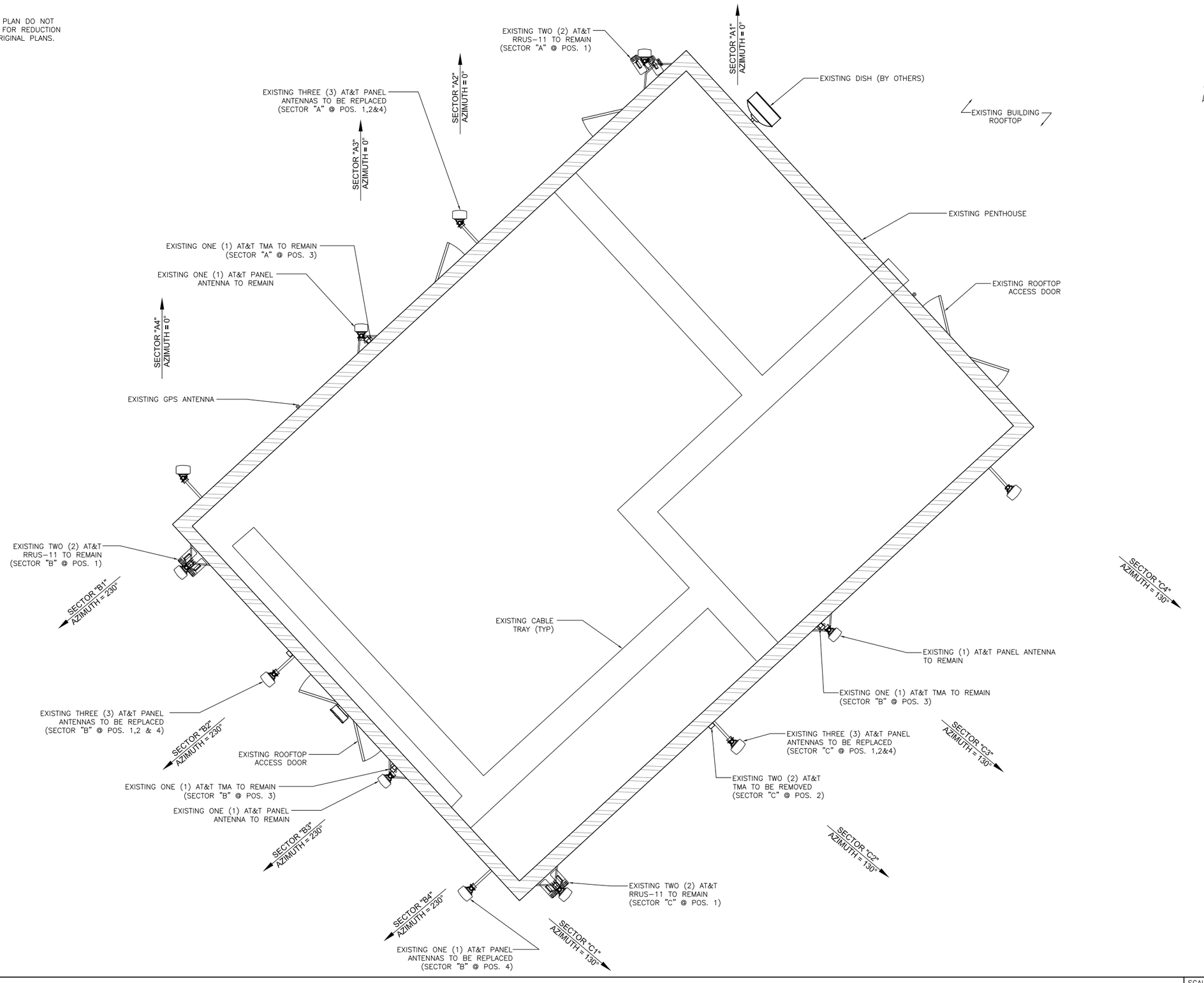

EXISTING ANTENNA PLAN

SCALE	
NONE	1

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RS	PP	SAS

LICENSER:

SHEET TITLE:

EXISTING ANTENNA PLAN

SHEET NUMBER:

A-4

SCALE NOTE:

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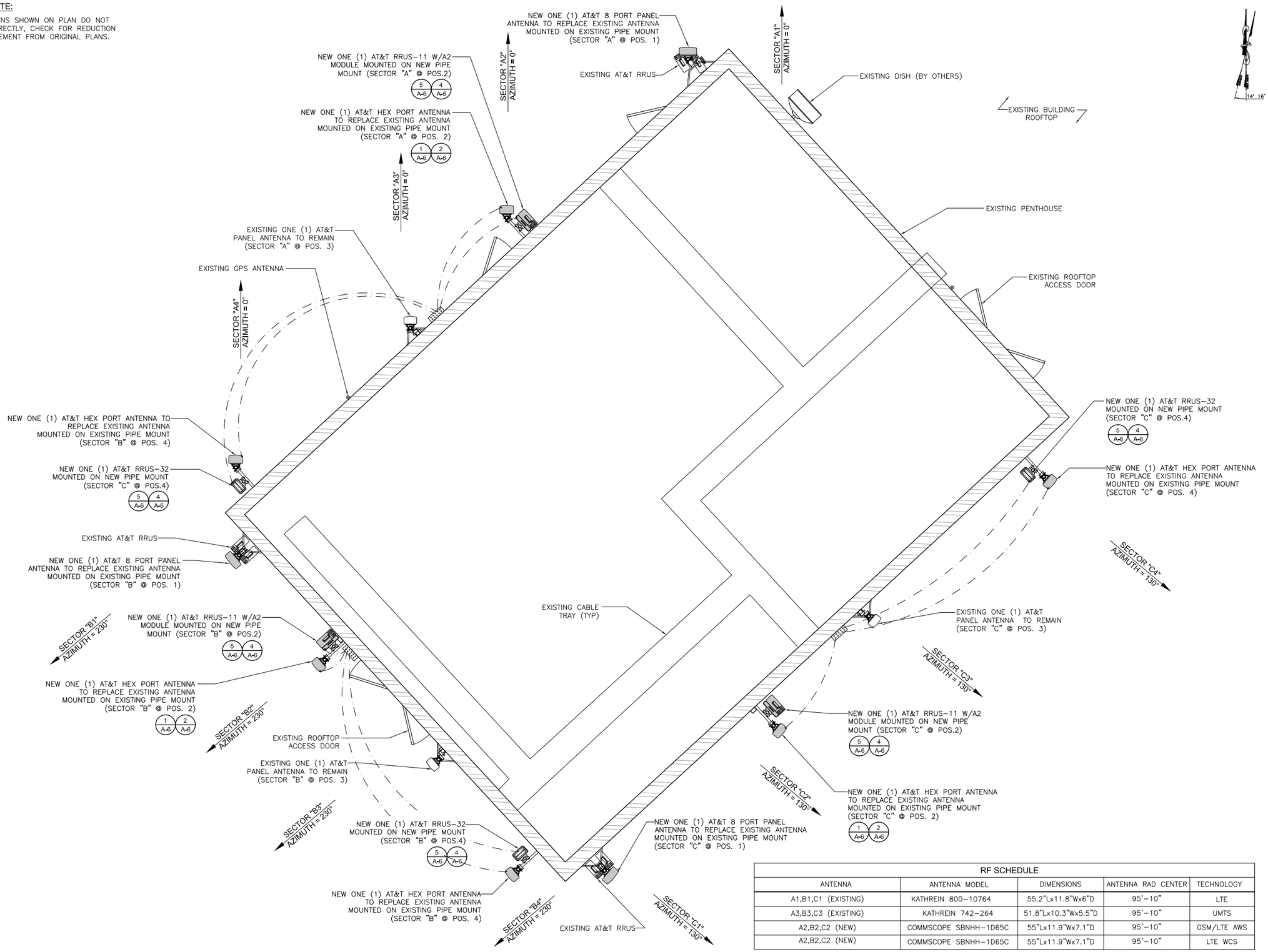

RF SCHEDULE

ANTENNA	ANTENNA MODEL	DIMENSIONS	ANTENNA RAD CENTER	TECHNOLOGY
A1,B1,C1 (EXISTING)	KATHREIN 800-10764	55.2"Lx11.8"Wx6"D	95'-10"	LTE
A3,B3,C3 (EXISTING)	KATHREIN 742-264	51.8"Lx10.3"Wx5.5"D	95'-10"	UMTS
A2,B2,C2 (NEW)	COMMSCOPE SBNHH-1D65C	55"Lx11.9"Wx7.1"D	95'-10"	GSM/LTE AWS
A2,B2,C2 (NEW)	COMMSCOPE SBNHH-1D65C	55"Lx11.9"Wx7.1"D	95'-10"	LTE WCS

NEW ANTENNA PLAN

SCALE: NONE

1

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DRAWN BY: | CHK.: | APV.:

RS	PP	SAS

LICENSER:

SHEET TITLE:

NEW ANTENNA PLAN

SHEET NUMBER:

A-4.1

SCALE NOTE:

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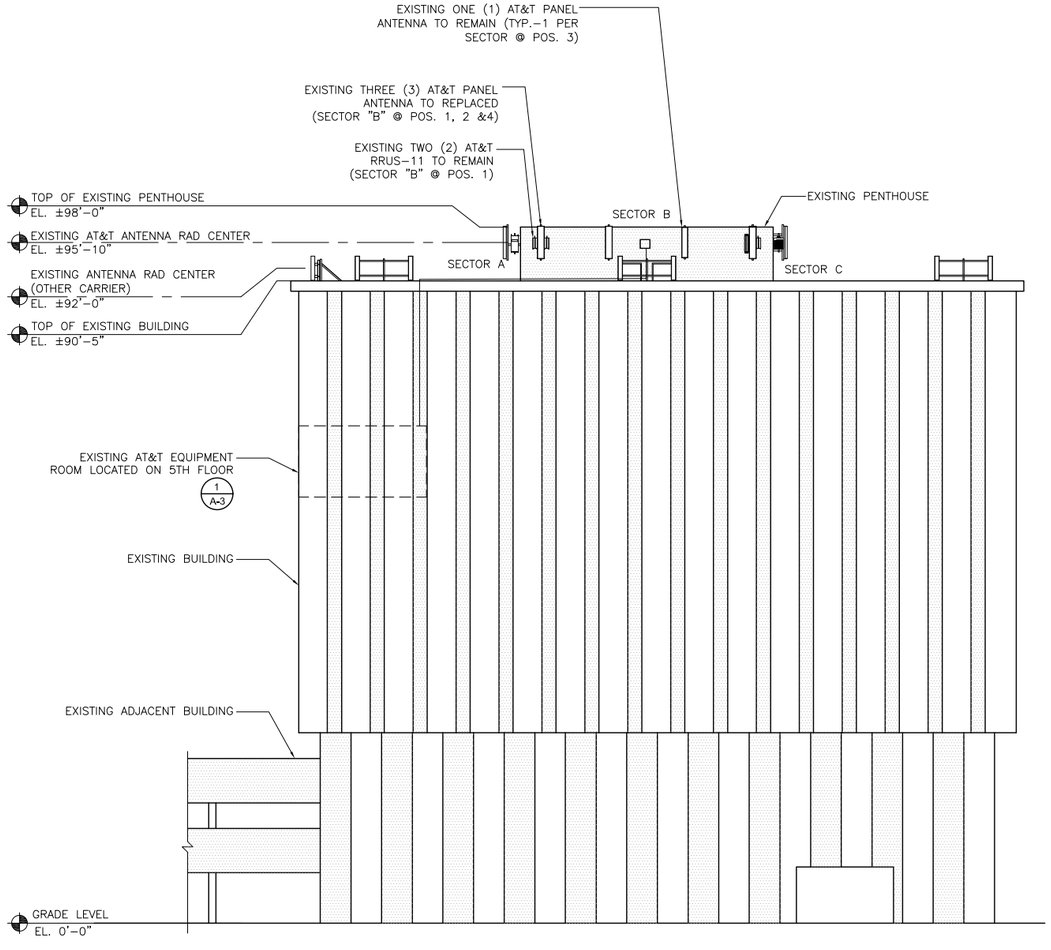
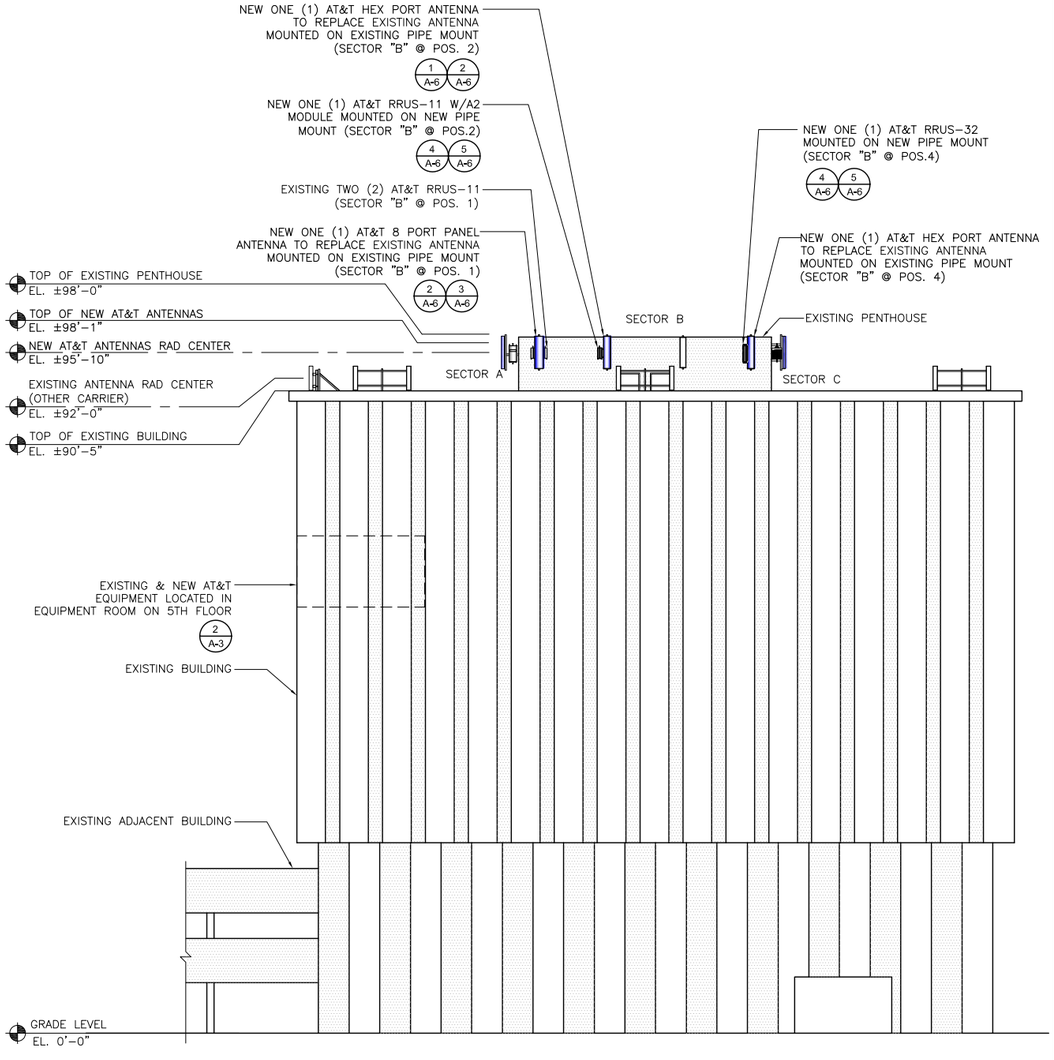


EXISTING SOUTHWEST ELEVATION

0 6' 20' 30' SCALE 3/32" = 1'-0" **1**



NEW SOUTHWEST ELEVATION

0 6' 20' 30' SCALE 3/32" = 1'-0" **2**

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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:

EXISTING & NEW SOUTHWEST ELEVATIONS

SHEET NUMBER:

A-5

SCALE NOTE:

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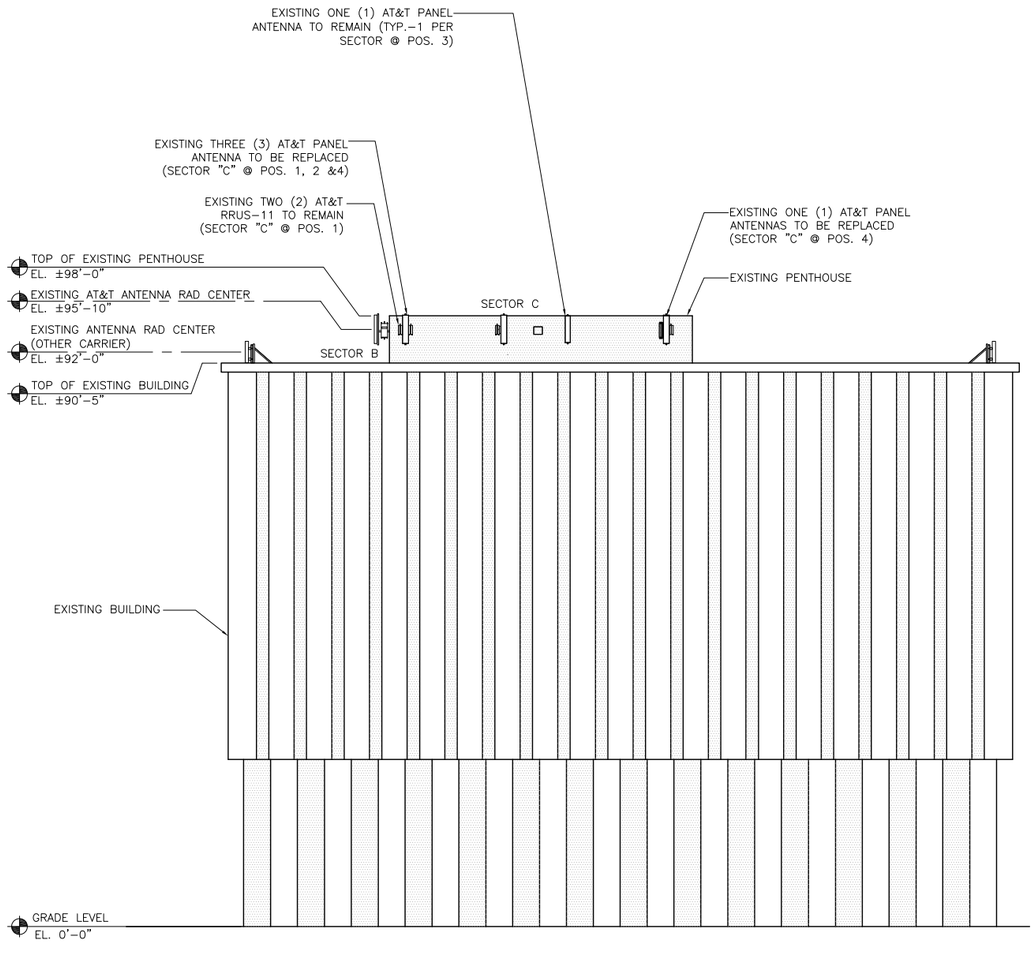
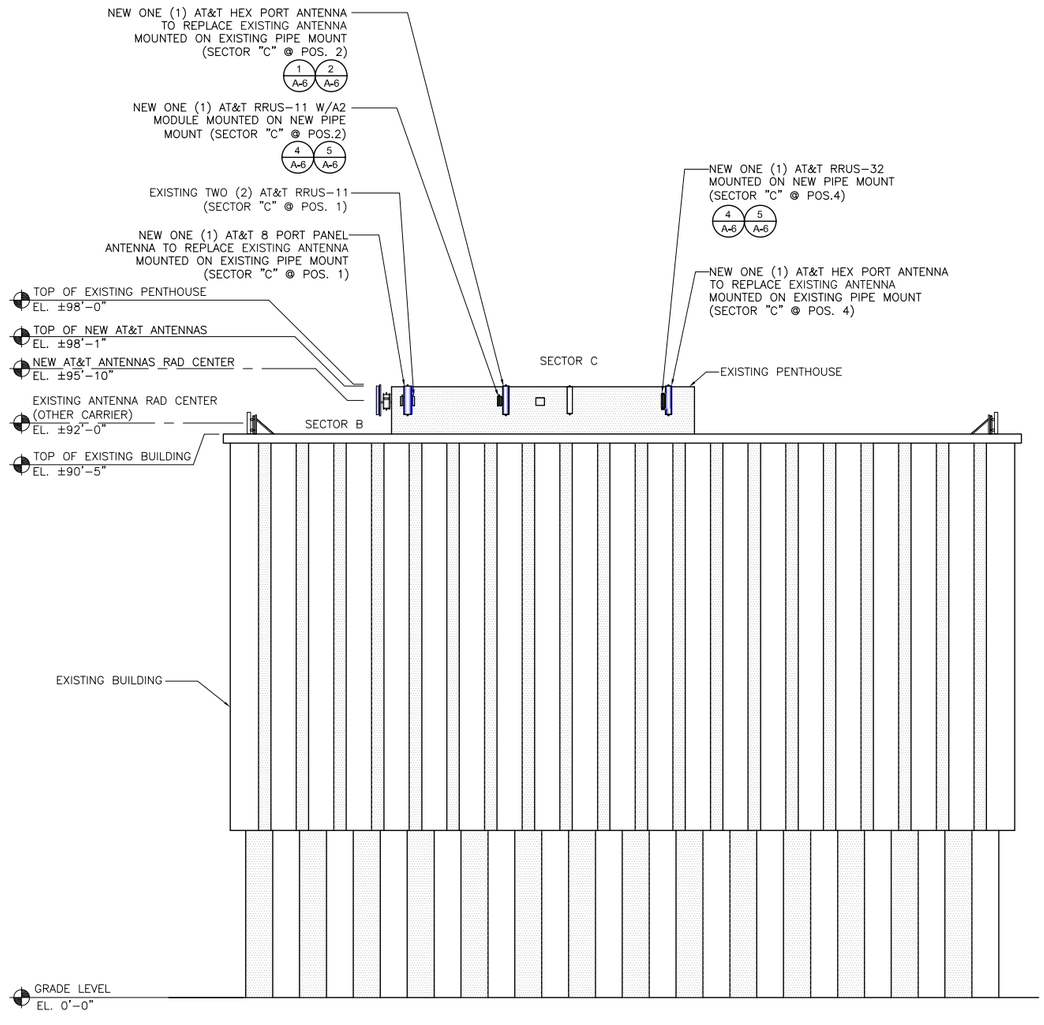


EXISTING SOUTHEAST ELEVATION — SCALE NONE — 1



NEW SOUTHEAST ELEVATION — SCALE NONE — 2

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT INFORMATION:

CNU007/CCL00007
LTE AWS/WCS/700 DE/850 SITE: CCL00007
FA#:10095870 USID: 12701
BURLINGAME
1828 EL CAMINO REAL
BURLINGAME, CA 94010

CURRENT ISSUE DATE:

01/08/16

ISSUED FOR:

90% CONSTRUCTION DRAWING

REV.: | DATE: | DESCRIPTION: | BY:

REV.	DATE	DESCRIPTION	BY
A	01/08/15	90% CONSTRUCTION DRAWING	SJS

PLANS PREPARED BY:

PDC CORPORATION
4555 LAS POSITAS RD, BLDG. A, STE. B
LIVERMORE, CA 94551
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CONSULTANT:

ERICSSON
6140 STONERIDGE MALL DR., SUITE 350
PLEASANTON, CA 94588

DRAWN BY: | CHK.: | APV.:

DRAWN BY	CHK.	APV.
RS	PP	SAS

LICENSER:

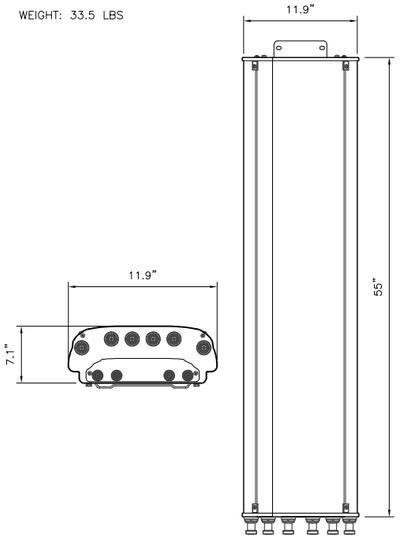
SHEET TITLE:

EXISTING & NEW SOUTHEAST ELEVATIONS

SHEET NUMBER:

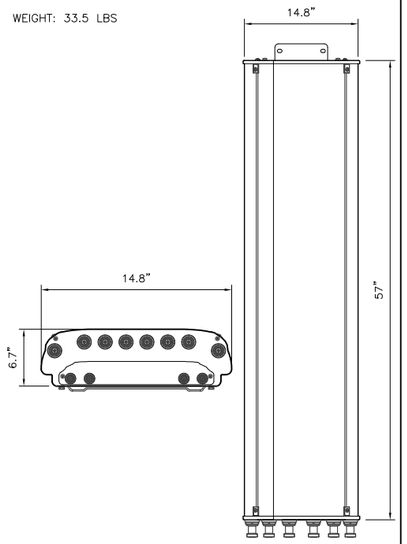
A-5.1

MANUFACTURER: COMMSCOPE
MODEL #: SBNHH-1D65A
FREQUENCY RANGE: 698–896 MHz
1710–2360 MHz
DIMENSION: 55"L x 11.9"W x 7.1"D
WEIGHT: 33.5 LBS

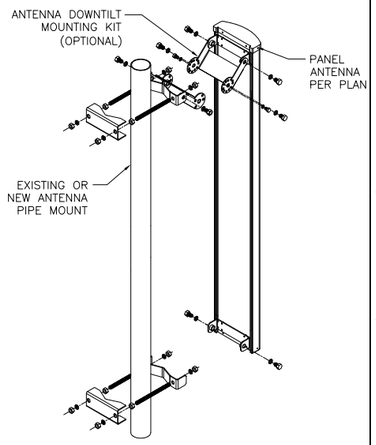


ANTENNA DETAIL | 1

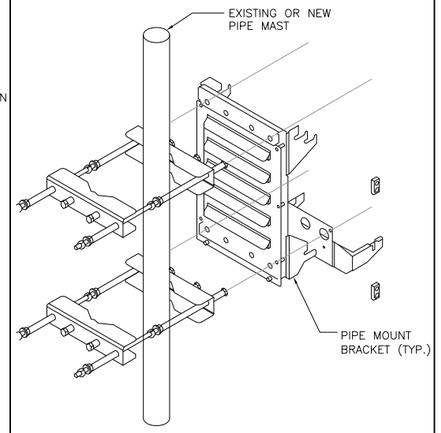
MANUFACTURER: KATHREIN
MODEL #: 800-10767 K
FREQUENCY RANGE: 698–896 MHz
1710–2360 MHz
DIMENSION: 55"L x 11.9"W x 7.1"D
WEIGHT: 33.5 LBS



ANTENNA DETAIL | 2

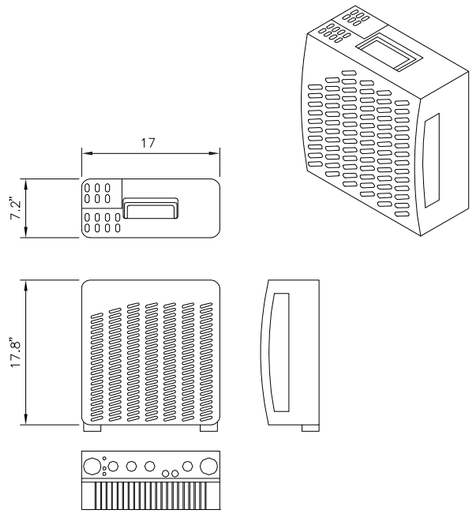


ANTENNA MOUNTING DETAIL | 3



RRU MOUNTING DETAIL | 4

DIMENSIONS, WxDxH:	431x183x452 mm (17"x7.2"x17.8")
POWER CONSUMPTION:	200 WATTS
TOTAL WEIGHT:	55 LBS.
TEMPERATURE:	-40° TO 55° C



RRUS-11 SPECIFICATION | 5

RRUS 32

- Single-band 4Tx / 4Rx
- 40MHz IBW
- Up to 4 x 40W output power
- Support 2 x 20MHz LTE
- 2 ports x 10 Gbps CPRI
- Dimension Guidance (DC version)
  - with cover... 26.7x12.1x5.6 in (678x306x171mm), 50.8lbs (23Kg)
  - w/o cover... 22.9x10.9x6.3 in (580x276x159mm), 46.3lb (21Kg)
- Availability Guidance:
  - Q3-2015 for B4 and B2
  - B13 Currently Not Planned

RRUS-32 SPECIFICATION | 6

RRUS A2

- 2 Rx expansion module for RRUS
- Available for B25/2 and B4
- LTE
- Up to 40 MHz IBW
- Up to 20 MHz carrier bandwidth for LTE
- 2.5 Gbit/s CPRI
- 100 years MTBF
- Dimensions: HxWxD = 16.4"x15.1"x3.4" (including sun shield)
- Weight: 22 lbs, excluding mounting hardware

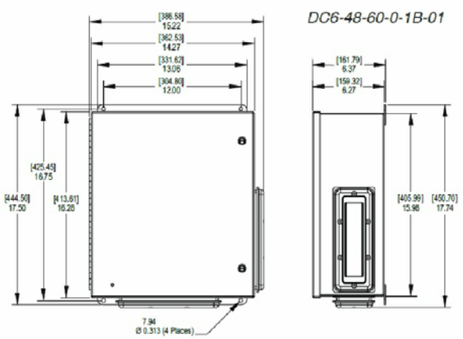
RRUS-A2 SPECIFICATION | 7

RRUS E2 B29
OVERVIEW

- Built on RRUS 12 platform
- RF Power 2x40 Watts
- Improved TX filter, to reduce spurious emissions into B17 (12) uplink
- LTE – DL only. Up to 10 MHz
- Type B chassi:
  - HxWxD = 20.4"x18.5"x7.5" (including sun shield and handle)
  - Weight: Less than 60 lbs

RRUS-E2 SPECIFICATION | 8

DC6-48-60-0-1B-01



DC6 SURGE PROTECTOR | 9

at&t
5001 EXECUTIVE PARKWAY
SAN RAMON, CA 94583

PROJECT INFORMATION:

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PLEASANTON, CA 94588

DRAWN BY:	CHK.:	APV.:
RS	PP	SAS

LICENSER:

SHEET TITLE:
EQUIPMENT & CONSTRUCTION DETAILS

SHEET NUMBER:
A-6