Attachment A

CCU0249
HARBOR VIEW TANK
2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553

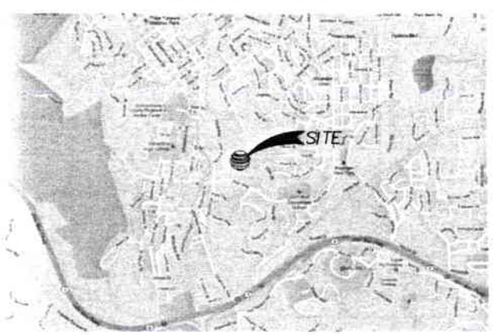
RECEIVED
OCT - 4 2013
COMMUNITY DEV. DEPT.

SPECIAL INSPECTIONS

1 CONCRETE
2 BOLTS INSTALLED IN CONCRETE
3 CONCRETE MOMENT-RESISTING SPACE FRAME
4 REINFORCING STEEL AND PRESTRESSING STEEL
5.1 ALL STRUCTURAL WELDING
5.2 WELD TESTING DUCTILE MOMENT-RESISTING STEEL FRAME
5.3 WELDING REINFORCING STEEL
6 HIGH-STRENGTH BOLTING
7 STRUCTURAL MASONRY
8 REINFORCED GYPSUM CONCRETE
9 INSULATING CONCRETE FILL
10 SPRAY-APPLIED FIREPROOFING
11 DEEP FOUNDATIONS (PILING, DRILLED & CAISSONS)
12 SHOTCRETE
13.1 VERIFY SOIL CONDITIONS ARE SUBSTANTIALLY IN CONFORMANCE WITH THE SOIL INVESTIGATION REPORT
13.2 VERIFY THAT FOUNDATION EXCAVATIONS EXTEND TO PROPER DEPTH AND BEARING STRATA
13.3 PROVIDE SOIL COMPACTION TEST RESULTS, DEPTH OF FILL, RELATIVE DENSITY, BEARING VALUES
13.4 PROVIDE SOIL EXPANSION TEST RESULTS, EXPANSION INDEX, RECOMMENDATIONS FOR FOUNDATIONS, ON-GRADE FLOOR SLAB DESIGN FOR EACH BUILDING SITE
14 SMOKE CONTROL SYSTEM
15 SPECIAL CASES (DESCRIBE)
16 OFF-SITE FABRICATION OF BUILDING COMPONENTS
17 OTHER SPECIAL INSPECTIONS AS REQUIRED BY DESIGNER

NO.	DESCRIPTION OF TYPE OF INSPECTION REQUIRED, LOCATION, REMARKS.

VICINITY MAP



MARTINEZ

DRIVING DIRECTIONS: FROM AT&T OFFICE @ 4430 ROSEWOOD DRIVE, PLEASANTON, CA. HEAD EAST ON ROSEWOOD DRIVE. MAKE U-TURN. TURN RIGHT ONTO OWENS DRIVE. TURN RIGHT ONTO HACIENDA DRIVE. MERGE ONTO I-580 WEST VIA THE RAMP TO OAKLAND. TAKE EXIT 44B TOWARD SACRAMENTO. MERGE ONTO I-680 NORTH. TAKE EXIT 53 TO MERGE ONTO CA-4 WEST TOWARD MARTINEZ/HERCULES. TAKE EXIT 9 FOR ALHAMBRA AVE TOWARD MARTINEZ. TURN RIGHT ONTO ALHAMBRA AVE. TURN RIGHT ONTO D STREET. CONTINUE ONTO SHELL AVENUE. TURN RIGHT ONTO HARBOR VIEW DRIVE. DESTINATION WILL BE ON THE RIGHT AT 2370 HARBOR VIEW DRIVE.

N

CONSULTANT TEAM

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CONTACT: RAMON GONZALEZ

DEVELOPMENT SUMMARY

APPLICANT:	AT&T MOBILITY 4430 ROSEWOOD DRIVE PLEASANTON, CALIFORNIA 94588
PROPERTY OWNER:	CHRIST LUTHERAN CHURCH 2370 HARBOR VIEW DRIVE MARTINEZ, CALIFORNIA 94553 CONTACT: TBD PHONE: TBD
PROJECT ADDRESS:	2370 HARBOR VIEW DRIVE MARTINEZ, CALIFORNIA 94553
OTHER ON-SITE TELECOM FACILITIES:	T-MOBLE
ASSESSORS PARCEL NUMBER:	376-010-012
LATITUDE:	38.437166
LONGITUDE:	-121.394567
LAT/LONG TYPE:	NAD-83
GROUND ELEVATION:	88.90' AMSL
EXISTING ZONING:	GENERAL COMMERCIAL
PROPOSED PROJECT AREA:	360 SQUARE FEET
PROPOSED TYPE OF CONSTRUCTION:	TYPE V-B
PROPOSED OCCUPANCY:	U
EXISTING OCCUPANCY:	NOT APPLICABLE
JURISDICTION:	CITY OF MARTINEZ
COUNTY:	CONTRA COSTA COUNTY

PROJECT DESCRIPTION

AT&T MOBILITY PROPOSES TO CONSTRUCT, OPERATE AND MAINTAIN AN UNMANNED WIRELESS COMMUNICATIONS FACILITY. THIS FACILITY WILL CONSIST OF THE FOLLOWING:

- INSTALL (12) PROPOSED AT&T ANTENNAS MOUNTED ON PROPOSED 80'-0" TALL MONOPOLE.
- INSTALL (18) LINES OF 7/8"ø COAXIAL CABLE, (24) FIBER OPTIC RUNS, (24) DC POWER RUNS, (6) LTE RRUS, (9) UMTS RRUS AND (6) TMA'S.
- INSTALL 80'-0" TALL MONOPOLE WITHIN A PROPOSED 36'X15' SHARED CMU ENCLOSURE.
- INSTALL AT&T OUTDOOR EQUIPMENT WITHIN A 8'-8" TALL CMU ENCLOSURE.
- UNDERGROUND UTILITY RUNS FOR ELECTRICAL AND TELEPHONE TO LEASE AREA.

LEGAL DESCRIPTION

BEGINNING AT THE NORTHEAST CORNER OF THAT CERTAIN PARCEL OF LAND DESCRIBED IN THE DEED FROM CLARA NETHERTON TO THE HOUSING AUTHORITY OF THE COUNTY OF CONTRA COSTA, FILED DECEMBER 31, 1941 IN VOLUME 627 AT PAGE 482 OF OFFICIAL RECORDS IN THE OFFICE OF THE RECORDER OF CONTRA COSTA COUNTY, CALIFORNIA; THENCE FROM SAID POINT OF BEGINNING, ALONG THE EAST LINE OF SAID HOUSING AUTHORITY PARCEL SOUTH 200.00 FEET; THENCE LEAVING SAID EAST LINE, SOUTH 89°05'15" WEST 200.00 FEET; THENCE NORTH 200.00 FEET, MORE OR LESS, TO THE NORTH LINE OF SAID PARCEL; THENCE ALONG SAID NORTH LINE NORTH 89°05'15" EAST 200.00 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

SHEET INDEX

T-1	TITLE SHEET
A-0	SITE PLAN
A-1	ENLARGE SITE PLAN
A-1.1	EQUIPMENT LAYOUT PLAN / ANTENNA LAYOUT PLAN
A-2	SOUTH ELEVATION
A-3	NORTH ELEVATION
A-4	WEST ELEVATION
C-1	SITE SURVEY (FOR REFERENCE ONLY)

APPLICABLE CODES

ALL WORK SHALL COMPLY WITH THE FOLLOWING APPLICABLE CODES:

2010 CALIFORNIA BUILDING CODE AND LOCAL AMENDMENTS
2010 CALIFORNIA MECHANICAL CODE AND LOCAL AMENDMENTS
2010 CALIFORNIA ELECTRIC CODE AND LOCAL AMENDMENTS
2010 CALIFORNIA PLUMBING CODE AND LOCAL AMENDMENTS
2010 CALIFORNIA FIRE CODE AND LOCAL AMENDMENTS
2010 CALIFORNIA ENERGY CODE
2010 REFERENCED STANDARD CODE

IN THE EVENT OF CONFLICT, THE MOST RESTRICTIVE CODE SHALL PREVAIL

ACCESSIBILITY DISCLAIMER

THIS PROJECT IS AN UNOCCUPIED WIRELESS TELECOMMUNICATIONS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS.

SCALE

THE DRAWING SCALES SHOWN IN THIS SET REPRESENT THE CORRECT SCALE ONLY WHEN THESE DRAWINGS ARE PRINTED IN A 24"X36" FORMAT. IF THIS DRAWING SET IS NOT 24"X36", THIS SET IS NOT TO SCALE.

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PROPRIETARY INFORMATION

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AT&T MOBILITY IS STRICTLY PROHIBITED.

STAMP

LICENSED ARCHITECT JEFFREY ROME C 020676 REGISTERED STATE OF CALIFORNIA

PREPARED FOR

at&t
4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME
HARBOR VIEW DRIVE

PROJECT NUMBER
CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES
DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

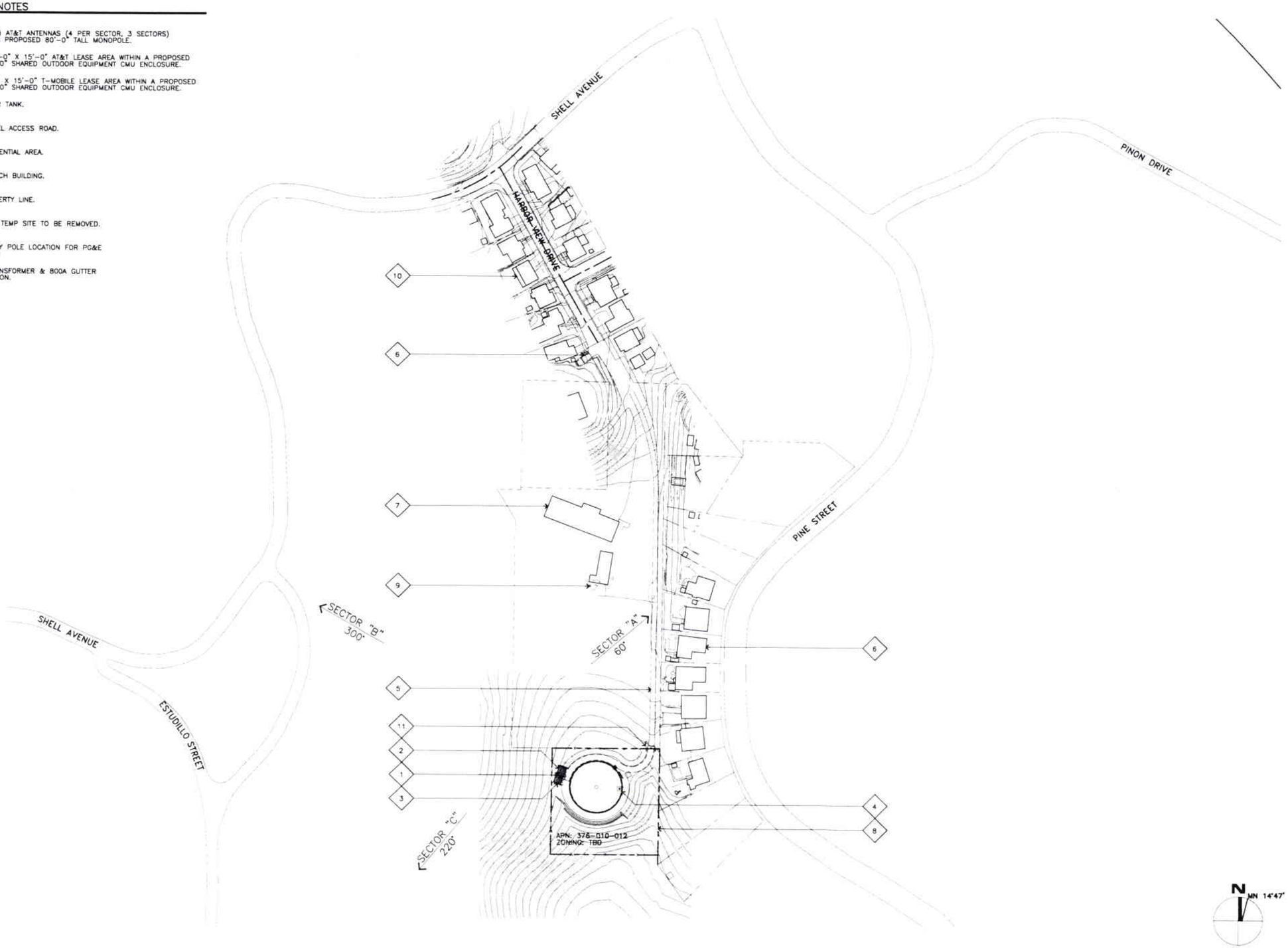
TITLE SHEET

T-1

JRA PROJECT NUMBER 10156

SITE PLAN KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED ON A PROPOSED 80'-0" TALL MONOPOLE.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA WITHIN A PROPOSED 36'-0" X 15'-0" SHARED OUTDOOR EQUIPMENT CMU ENCLOSURE.
3. FUTURE 12'-0" X 15'-0" T-MOBILE LEASE AREA WITHIN A PROPOSED 36'-0" X 15'-0" SHARED OUTDOOR EQUIPMENT CMU ENCLOSURE.
4. EXISTING WATER TANK.
5. EXISTING GRAVEL ACCESS ROAD.
6. EXISTING RESIDENTIAL AREA.
7. EXISTING CHURCH BUILDING.
8. EXISTING PROPERTY LINE.
9. EXISTING AT&T TEMP SITE TO BE REMOVED.
10. EXISTING UTILITY POLE LOCATION FOR PG&E SERVICE RISER.
11. PROPOSED TRANSFORMER & 800A GUTTER BUS DISTRIBUTION.



OVERALL SITE PLAN

SCALE: 1"=100'

0 25' 50' 100'

1

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at&t

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05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

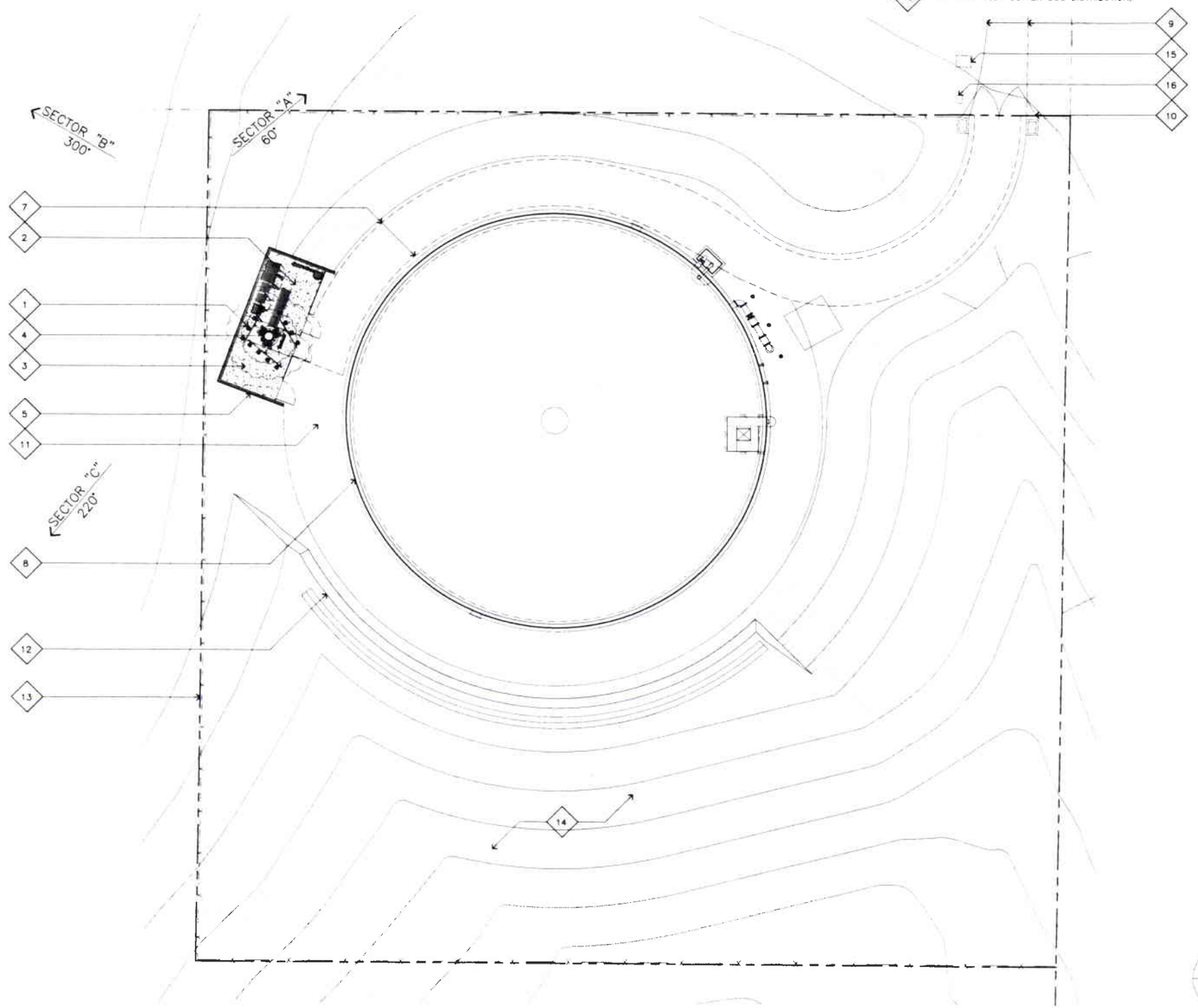
OVERALL SITE PLAN

A-0

JRA PROJECT NUMBER 10156

SITE PLAN KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED MONOPOLE; SEE SHEET A-1.1.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. FUTURE 12'-0" X 15'-0" T-MOBILE LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
4. PROPOSED AT&T 80'-0" TALL MONOPOLE.
5. PROPOSED 8'-0" TALL CMU WALL ENCLOSURE.
6. PROPOSED AT&T 5'-0" WIDE UNDERGROUND POWER/TELCO UTILITY ROUTE. DISTANCE: ±230'-0".
7. PROPOSED 12'-0" WIDE AT&T ACCESS ROUTE.
8. EXISTING WATER TANK.
9. EXISTING GRAVEL ACCESS ROAD.
10. EXISTING 15'-0" DOUBLE WIDE ACCESS GATE.
11. EXISTING CONCRETE FLOOR.
12. EXISTING CRIB RETAINING WALL.
13. EXISTING PROPERTY LINE.
14. EXISTING LANDSCAPING.
15. PROPOSED PG&E TRANSFORMER.
16. PROPOSED 800A GUTTER BUS DISTRIBUTION.



ENLARGE SITE PLAN

SCALE: 1/16"=1'-0" 0 4' 8' 16' 2

SECTOR ANTENNA	DIRECTION	AZIMUTH	ANTENNA MODEL NO.	COAX CABLE LENGTH (± 5')	FIBER OPTIC LENGTH (± 5')	JUMPER LENGTH (± 3')	COAX SIZE
A1	NORTH EAST	60°	COMMSCOPE SBNH-1D6565B	–	100'	10'	7/8"
A2		60°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
A3		60°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
A4		60°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
B1	NORTH WEST	300°	COMMSCOPE SBNH-1D6565B	–	100'	10'	7/8"
B2		300°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
B3		300°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
B4		300°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
C1	SOUTH EAST	220°	COMMSCOPE SBNH-1D6565B	–	100'	10'	7/8"
C2		220°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
C3		220°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"
C4		220°	COMMSCOPE SBNH-1D6565B	100'	–	10'	7/8"

ANTENNA COAXIAL CABLE SCHEDULE 2

1. CONTRACTOR TO PROVIDE ALL LABOR TO INSTALL 18 RUNS OF COAX, 6 DTMA'S, AND 12 ANTENNAS, INSTALL (6) LTE RRUS AND (18) UMTS RRUS.
2. ERICSSON TO PROVIDE ALL COAX, CONNECTORS, ANCILLARY EQUIPMENT (INCLUDING WEATHER STRIPPING, GROUND KITS, ETC.).
3. CONTRACTOR TO COLOR CODE ALL COAX, COLORED BANDS OF TAPE ON COAX IDENTIFY SECTOR, FREQUENCY, TECHNOLOGY, AND TRANSMIT GROUP AS FOLLOWS:

SECTOR "A"						
UMTS 1900	TX 1/RX 1 4 BROWN	TX 3/RX 3 4BRWN/1RED	TX 2/RX 2 4 ORANGE	TX 4/RX 4 6ORG/1RED	TX 5/RX 5 6BRN/2 RED	TX 6/RX 6 6ORN/2 RED
UMTS 850	TX 1/RX 1 5 BROWN	TX 3/RX 3 5BRWN/1RED	TX 2/RX 2 5 ORANGE	TX 4/RX 4 7ORG/1RED	TX 5/RX 5 7BRN/2RED	TX 6/RX 6 7ORN/2 RED
LTE 700	TX 1/RX 1 6 BROWN	TX 2/RX 2 6 ORANGE	TX 3/RX 2 6 BRN/1 RED	TX 4/RX 4 6 ORN/1 RED	TX 5/RX 5 6 BRN/2 RED	TX 6/RX 6 6 ORN/2 RED
LTE 1700/2100	TX 1/RX 1 7 BROWN	TX 2/RX 2 7 ORANGE	TX 3/RX 2 7 BRN/1 RED	TX 4/RX 4 7 ORN/1 RED	TX 5/RX 5 7 BRN/2 RED	TX 6/RX 6 7 ORN/2 RED

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

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

4. WHEN ANTENNA LINES ARE DIPLEXED, THE COLOR CODE OF THE HIGHEST FREQUENCY PREVAILS (I.E. UMTS DIPLEXED WITH TDMA SHOULD HAVE COLOR 4 BANDS).
5. ALL ANTENNAS AND ANTENNA CABLE SHALL BE FURNISHED BY BLACK AND VEATCH AND INSTALLED BY ANTENNA INSTALLATION CONTRACTOR.
6. PRIOR TO PLACEMENT OF ANTENNA POLE MOUNTS, THE CONTRACTOR SHALL VERIFY THAT THE AZIMUTH AND DIMENSIONS SHOWN ON THE PLANS MATCH ACTUAL FIELD CONDITIONS. ALLOWABLE TOLERANCE: HORIZONTAL ALIGNMENT = ±5°; VERTICAL ALIGNMENT = ±1°.
7. ANTENNA INSTALLATION CONTRACTOR SHALL PROVIDE ALL CONDUIT, CABLE TRAY, GROUNDS, ETC. FOR COMPLETE INSTALLATION OF ANTENNAS AND CABLES SHOWN AND INTENDED AS REQUIRED FOR A COMPLETE OPERATING SYSTEM IN ACCORDANCE WITH BLACK AND VEATCH STANDARDS.
8. IN NO CASE SHALL THERE BE ANY MORE THAN TWO (2) 90° TURNS (OR EQUIVALENT) IN ANY CONTINUOUS LENGTH OF CONDUIT BETWEEN PULL BOXES OR SIMILAR FEATURES.
9. ANTENNA CONDUIT SHALL ONLY INCLUDE FACTORY-MADE LARGE RADIUS SWEEPS AT ALL CHANGES IN DIRECTION. SWEEP RADIUS SHALL BE 18" MINIMUM ABOVE GROUND AND 36" MINIMUM BELOW GROUND.
10. CONDUIT SHALL BE 3"ø MINIMUM. ALL UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC. ALL EXPOSED CONDUIT ABOVE GRADE LEVEL SHALL BE IMC OR RIGID GALVANIZED. ALL EXPOSED CONDUIT PROTECTED IN A BUILDING OR ON A ROOF SHALL BE EMT OR UV STABILIZED PAINTED SCHEDULE 80 PVC.
11. IN HIGH TRAFFIC AREAS OR WHERE SUSCEPTIBLE TO DAMAGE CONTRACTOR SHALL PROVIDE FORMED GRIP STRUT COVER OVER COAXIAL CABLE ROUTES. WHERE CABLE IS RUN ON THE WALL, ATTACH UNISTRUT TO WALL AND COVER WITH 14 GA. GALVANIZED FORMED SHEET METAL COVER OR MATERIAL AS DIRECTED BY BLACK AND VEATCH CONSTRUCTION MANAGER.
12. VERIFY ROUTE AND LENGTH OF CABLE PRIOR TO CUTTING. ADJUST INDICATED ROUTE AS REQUIRED TO CLEAR (E) EQUIPMENT AT FACILITIES.
13. MAXIMUM LENGTH OF 7/8" COAX CABLE SHALL BE 140'-0". MAXIMUM LENGTH OF 1-1/4" COAX CABLE SHALL BE 190'-0". MAXIMUM LENGTH OF 1-5/8" COAX CABLE SHALL BE 235'-0".
14. VERIFY MODEL NUMBERS OF ANTENNAS WITH BLACK AND VEATCH SERVICES.
15. THE CONTRACTOR SHALL PROVIDE TESTING OF ANTENNAS AND SHALL PROVIDE DOCUMENTATION TO THE BLACK AND VEATCH PROJECT MANAGER.
16. GENERAL CONTRACTOR TO VERIFY ALL TORQUE TOLERANCES PER THE MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.

GENERAL ANTENNA & CABLE NOTES 1

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PROJECT NAME

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DRAWING DATES

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DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

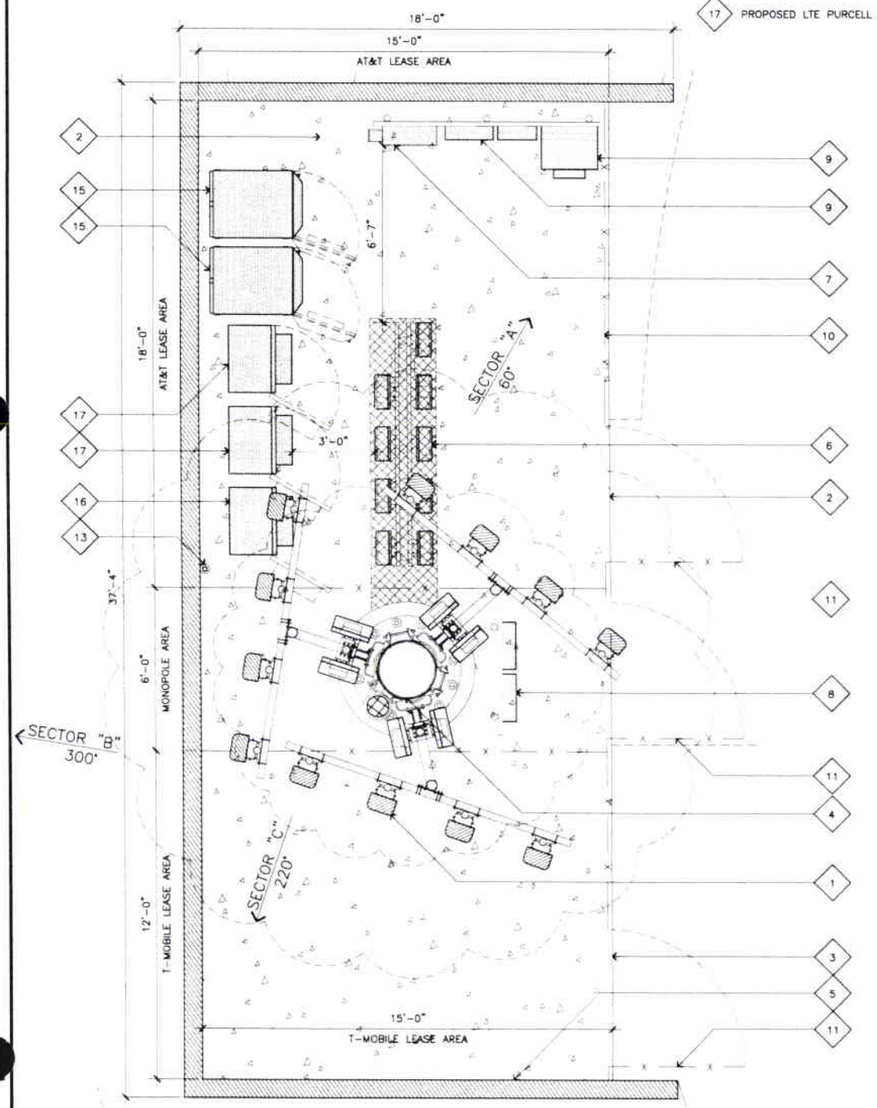
ENLARGED SITE PLAN

A-1

JRA PROJECT NUMBER 10156

EQUIPMENT PLAN KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED MONOPOLE; SEE DETAIL 1.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. FUTURE 12'-0" X 15'-0" T-MOBILE LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
4. PROPOSED AT&T 80'-0" TALL MONOPOLE.
5. PROPOSED 8'-0" TALL CMU WALL ENCLOSURE.
6. PROPOSED (9) UMTS RRUS-11 MOUNTED ON A PROPOSED H-FRAME.
7. PROPOSED EMERSON ELECTRICAL PANEL MOUNTED ON A PROPOSED H-FRAME.
8. PROPOSED POWER METER 600 AMP AND TELCO FAP MOUNTED ON A PROPOSED H-FRAME.
9. PROPOSED TELCO ALARM CABINET, CIENE AND UAM MOUNTED TO PROPOSED H-FRAME.
10. PROPOSED 7'-0" CHAIN LINK FENCE.
11. PROPOSED 5'-0" WIDE CHAIN LINK ACCESS GATE.
12. PROPOSED (2) TECH-LIGHTS MOUNTED WITHIN LEASE AREA.
13. PROPOSED GPS ANTENNA MOUNTED TO EQUIPMENT CABINET.
14. PROPOSED AT&T 5'-0" WIDE UNDERGROUND POWER/TELCO UTILITY ROUTE. DISTANCE: ±230'-0".
15. PROPOSED RBA72 OUTDOOR POWER AND BATTERY CABINET.
16. PROPOSED (2) UMTS PURCELL OUTDOOR CABINET.
17. PROPOSED LTE PURCELL OUTDOOR CABINET.



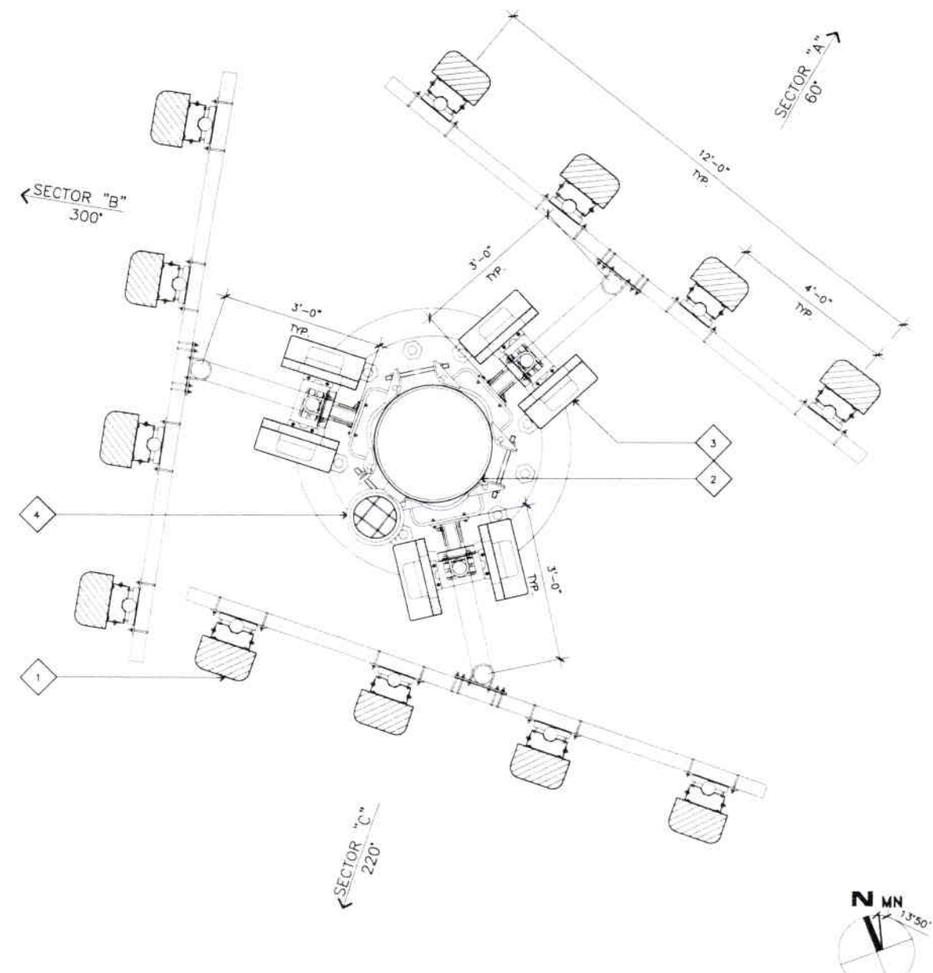
EQUIPMENT LAYOUT PLAN

SCALE: 3/8"=1'-0" (0 1' 2' 3')

1

ANTENNA PLAN KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED MONOPOLE.
2. PROPOSED AT&T 80'-0" TALL MONOPOLE.
3. PROPOSED (6) LTE RRUS-11 (2 PER SECTOR, 3 SECTORS) MOUNTED BEHIND PROPOSED ANTENNASAND ON ANTENNA STAND-OFF ARM.
4. PROPOSED DC SURGE SUPPRESSOR MOUNTED TO PROPOSED MONOPOLE.



ANTENNA LAYOUT PLAN

SCALE: 3/4"=1'-0" (0 .5' 1' 2')

1

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PROPRIETARY INFORMATION

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PREPARED FOR

at&t

4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME

HARBOR VIEW DRIVE

PROJECT NUMBER

CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES

DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

ENLARGED SITE PLAN

A-1.1

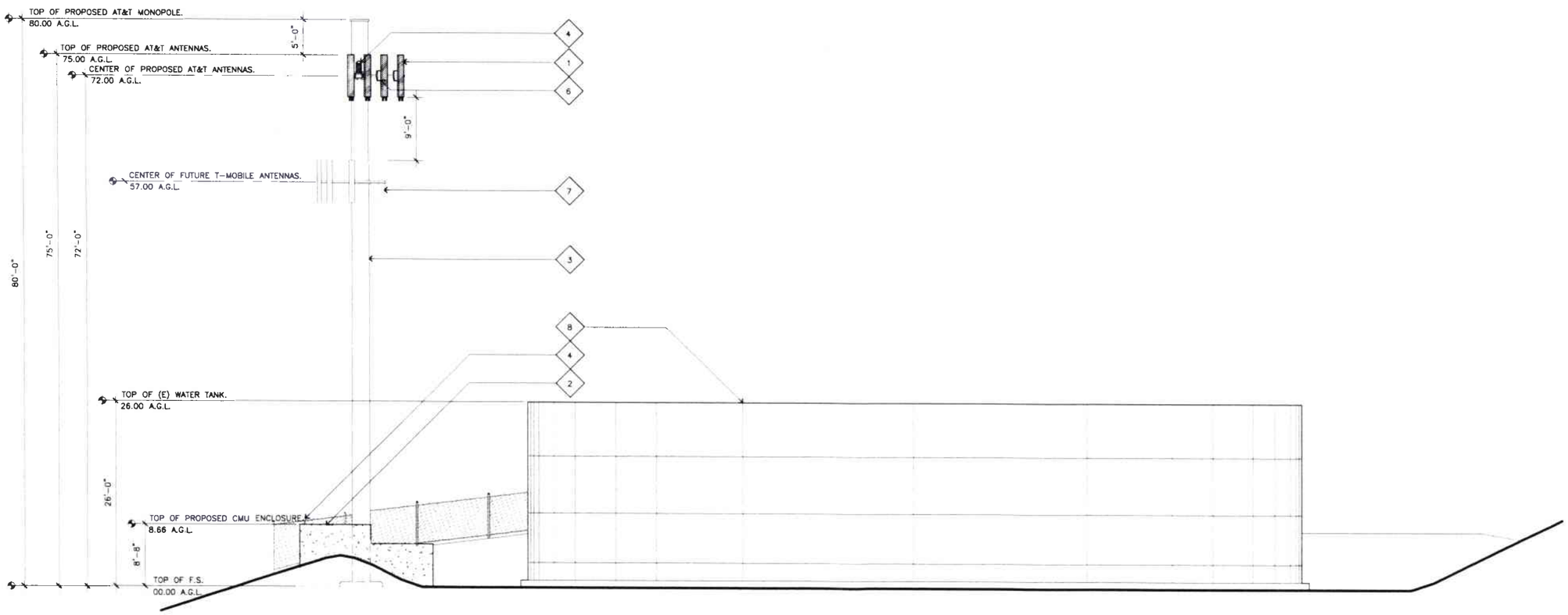
JRA PROJECT NUMBER 10156

ELEVATION KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED AT&T MONOPOLE.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. PROPOSED AT&T 80'-0" TALL MONOPOLE.
4. PROPOSED AT&T GPS ANTENNA MOUNTED ON CMU ENCLOSURE.
5. PROPOSED DC SURGE SUPPRESSOR MOUNTED ON PROPOSED MONOPOLE.
6. PROPOSED (6) LTE RRUS-11 MOUNTED ON MONOPOLE (2 PER SECTER, 3 SECTORS).
7. FUTURE T-MOBILE ANTENNAS.
8. EXISTING 26'-0" TALL WATER TANK.

ANTENNA CARRIER	DIRECTION	BOTTOM OF ANTENNA	TOP OF ANTENNA
T-MOBILE	NORTH WEST	3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
T-MOBILE	SOUTH EAST	3'-0"	8'-0"
		3'-0"	8'-0"
AT&T	NORTH	58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"

EXISTING ANTENNA HEIGHTS 2



SOUTH ELEVATION

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

1

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LICENSED ARCHITECT JEFFREY ROMO C-020876 REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

PREPARED FOR

at&t

4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME

HARBOR VIEW DRIVE

PROJECT NUMBER

CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES

DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

SOUTH ELEVATION

A-2

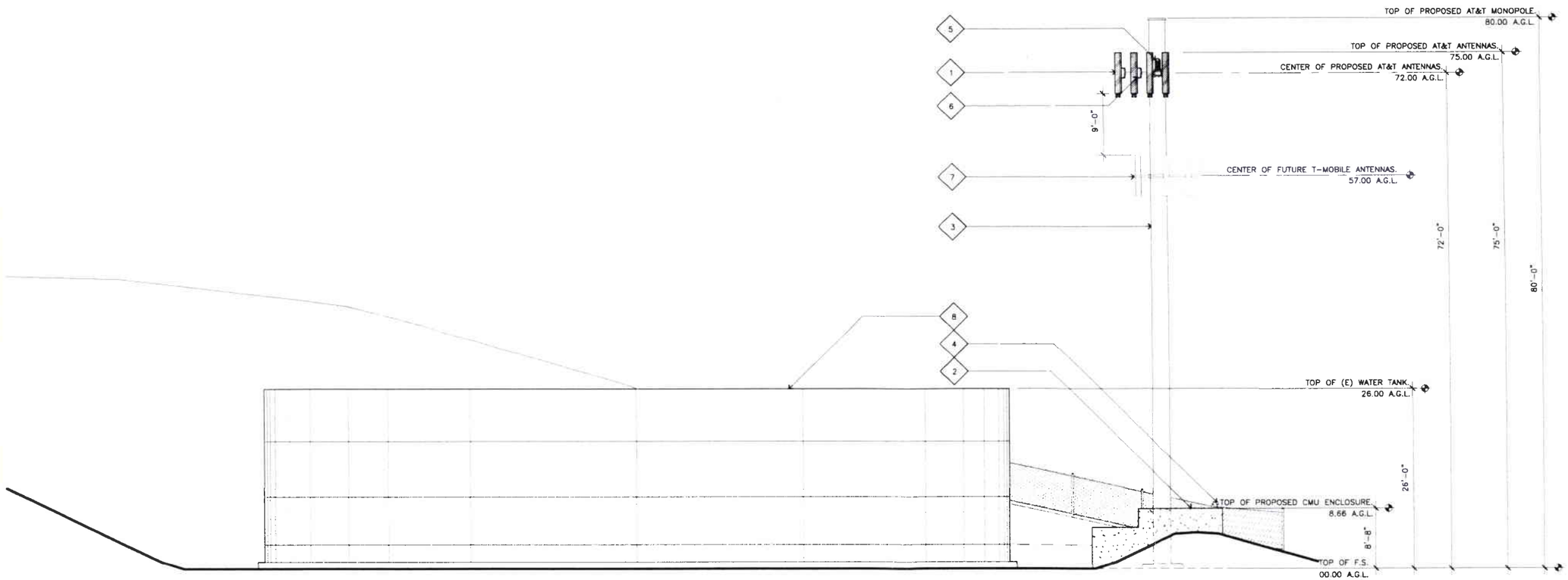
JRA PROJECT NUMBER 10561

ELEVATION KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED AT&T MONOPOLE.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. PROPOSED AT&T 80'-0" TALL MONOPOLE.
4. PROPOSED AT&T GPS ANTENNA MOUNTED ON CMU ENCLOSURE.
5. PROPOSED DC SURGE SUPPRESSOR MOUNTED ON PROPOSED MONOPOLE.
6. PROPOSED (6) LTE RRUS-11 MOUNTED ON MONOPOLE (2 PER SECTER, 3 SECTORS).
7. FUTURE T-MOBILE ANTENNAS.
8. EXISTING 26'-0" TALL WATER TANK.

ANTENNA CARRIER	DIRECTION	BOTTOM OF ANTENNA	TOP OF ANTENNA
T-MOBILE	NORTH WEST	3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
T-MOBILE	SOUTH EAST	3'-0"	8'-0"
		3'-0"	8'-0"
AT&T	NORTH	58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"

EXISTING ANTENNA HEIGHTS 2



NORTH ELEVATION

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

1

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4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME

HARBOR VIEW DRIVE

PROJECT NUMBER

CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES

DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

NORTH ELEVATION

A-3

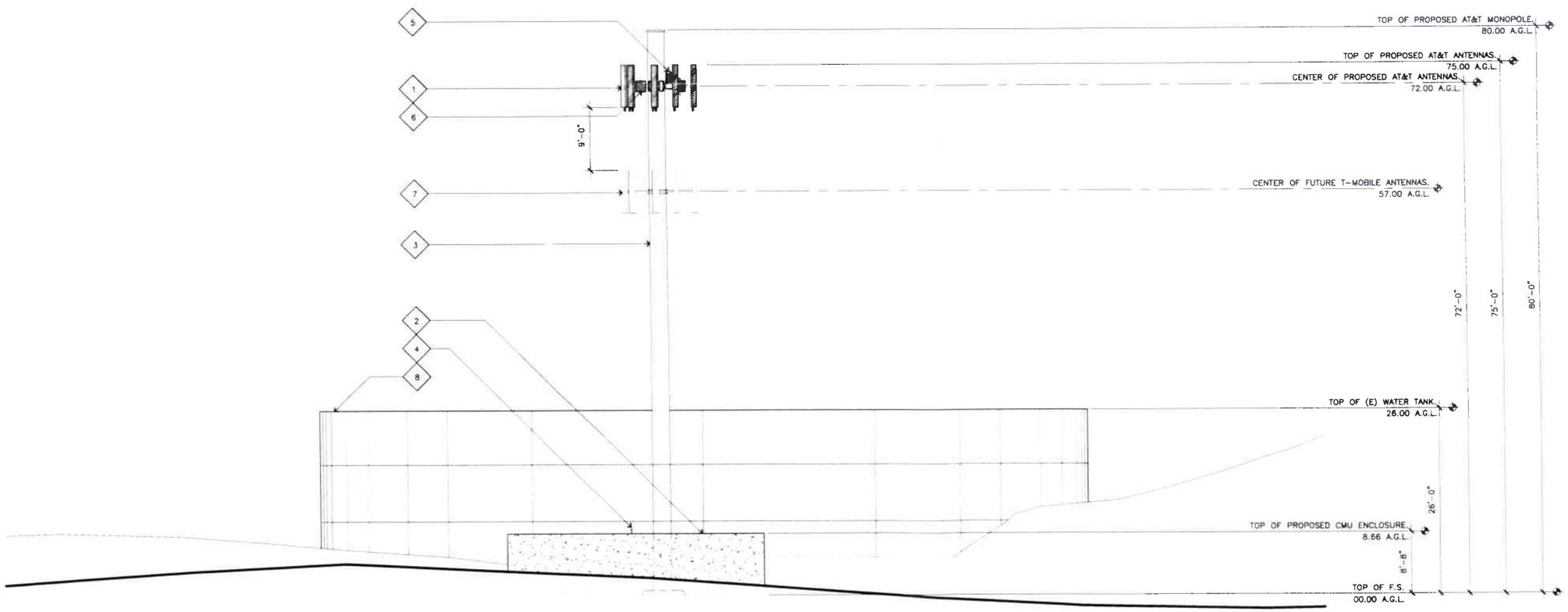
JRA PROJECT NUMBER 101561

ELEVATION KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED AT&T MONOPOLE.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. PROPOSED AT&T 80'-0" TALL MONOPOLE.
4. PROPOSED AT&T GPS ANTENNA MOUNTED ON CMU ENCLOSURE.
5. PROPOSED DC SURGE SUPPRESSOR MOUNTED ON PROPOSED MONOPOLE.
6. PROPOSED (6) LTE RRUS-11 MOUNTED ON MONOPOLE (2 PER SECTER, 3 SECTORS).
7. FUTURE T-MOBILE ANTENNAS.
8. EXISTING 26'-0" TALL WATER TANK.

ANTENNA CARRIER	DIRECTION	BOTTOM OF ANTENNA	TOP OF ANTENNA
T-MOBILE	NORTH WEST	3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
T-MOBILE	SOUTH EAST	3'-0"	8'-0"
		3'-0"	8'-0"
AT&T	NORTH	58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"

EXISTING ANTENNA HEIGHTS 2



WEST ELEVATION

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

1

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LICENSED ARCHITECT JEFFREY ROME C-020876 COP FEB 28,2015 STATE OF CALIFORNIA

PREPARED FOR

at&t

4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME

HARBOR VIEW DRIVE

PROJECT NUMBER

CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES

DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

RFDS: REVISION LEVEL TBD

SHEET TITLE

WEST ELEVATION

A-4

JRA PROJECT NUMBER 101561

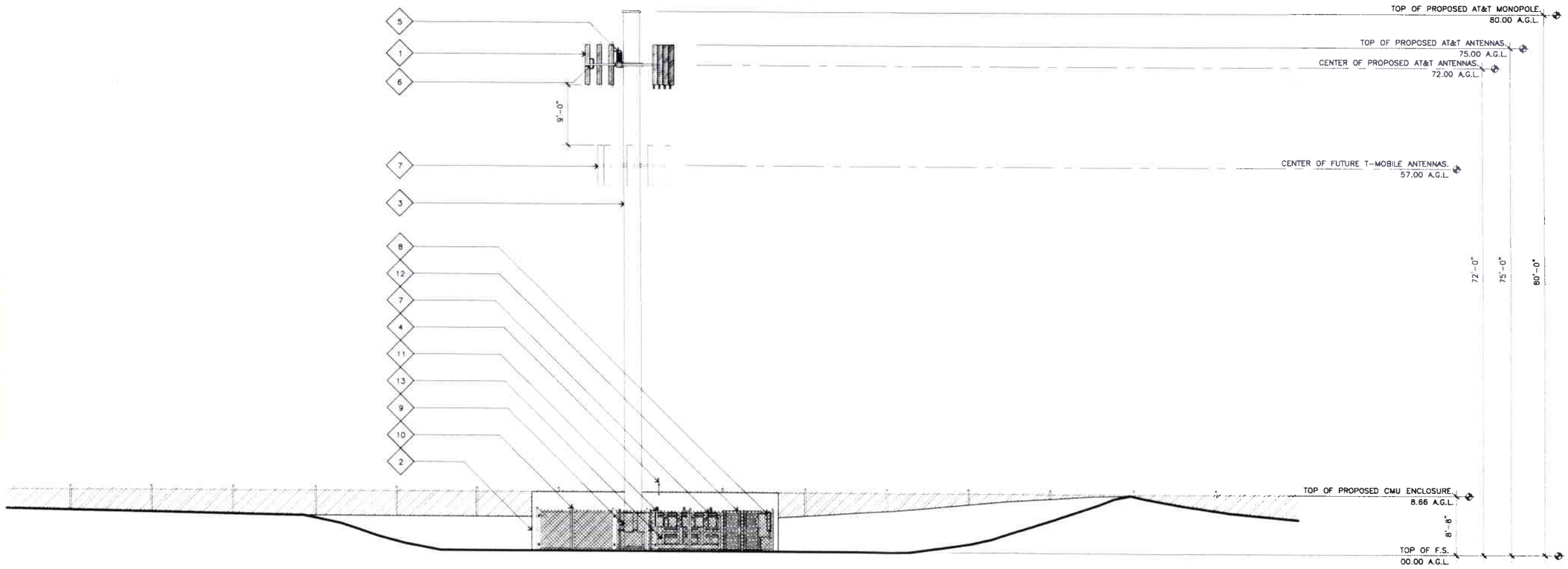
ELEVATION KEYNOTES

1. PROPOSED (12) AT&T ANTENNAS (4 PER SECTOR, 3 SECTORS) MOUNTED TO PROPOSED AT&T MONOPOLE.
2. PROPOSED 18'-0" X 15'-0" AT&T LEASE AREA ON A CONCRETE PAD WITHIN A PROPOSED 36'-0" X 15'-0" SHARED CMU ENCLOSURE.
3. PROPOSED AT&T 80'-0" TALL MONOPOLE.
4. PROPOSED AT&T GPS ANTENNA MOUNTED ON CMU ENCLOSURE.
5. PROPOSED DC SURGE SUPPRESSOR MOUNTED ON PROPOSED MONOPOLE.
6. PROPOSED (6) LTE RRUS-11 MOUNTED ON MONOPOLE (2 PER SECTER, 3 SECTORS).
7. FUTURE T-MOBILE ANTENNAS.
8. PROPOSED METER/MAIN, TELCO ALARM CABINET, CIENE AND UAM MOUNTED TO PROPOSED H-FRAME.
9. PROPOSED POWER METER 600 AMP AND TELCO FAP MOUNTED ON A PROPOSED H-FRAME.
10. PROPOSED 6'-0" CHAIN LINK FENCE.
11. PROPOSED 5'-0" WIDE CHAIN LINK ACCESS GATE.
12. PROPOSED RBA72 OUTDOOR POWER AND BATTERY CABINET.
13. PROPOSED PURCELL OUTDOOR CABINET.

ANTENNA CARRIER	DIRECTION	BOTTOM OF ANTENNA	TOP OF ANTENNA
T-MOBILE	NORTH WEST	3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
		3'-0"	8'-0"
T-MOBILE	SOUTH EAST	3'-0"	8'-0"
		3'-0"	8'-0"
AT&T	NORTH	58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"
		58'-0"	62'-0"

EXISTING ANTENNA HEIGHTS

2



EAST ELEVATION

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

1

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PREPARED FOR

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4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME

HARBOR VIEW DRIVE

PROJECT NUMBER

CCU0249

2370 HARBOR VIEW DRIVE
MARTINEZ, CALIFORNIA 94553
CONTRA COSTA COUNTY

PROJECT TYPE: RE-LO

DRAWING DATES

DRAWN BY: SJ
CHECKED BY: RN

DATE	DESCRIPTION	REV.
03/19/13	90% ZD'S	A
05/02/13	REVISED ZD'S	B
05/30/13	100% ZD'S	0

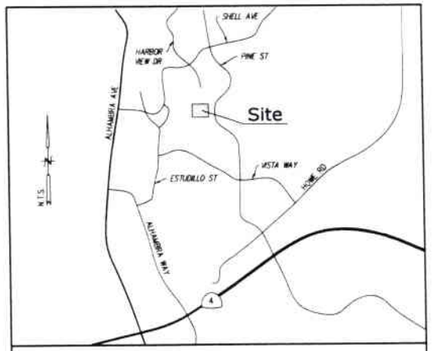
RFDS: REVISION LEVEL TBD

SHEET TITLE

EAST ELEVATION

A-5

JRA PROJECT NUMBER 101561



Vicinity Map

Title Report

THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE REPORT.
PREPARED BY:
ORDER NO.:
DATED:

Legal Description

BEGINNING AT THE NORTHEAST CORNER OF THAT CERTAIN PARCEL OF LAND DESCRIBED IN THE DEED FROM CLARA NETHERTON TO THE HOUSING AUTHORITY OF THE COUNTY OF CONTRA COSTA, FILED DECEMBER 31, 1941 IN VOLUME 627 AT PAGE 482 OF OFFICIAL RECORDS IN THE OFFICE OF THE RECORDER OF CONTRA COSTA COUNTY, CALIFORNIA; THENCE FROM SAID POINT OF BEGINNING, ALONG THE EAST LINE OF SAID HOUSING AUTHORITY PARCEL SOUTH 200.00 FEET; THENCE LEAVING SAID EAST LINE, SOUTH 89°05'15" WEST 200.00 FEET; THENCE NORTH 200.00 FEET, MORE OR LESS, TO THE NORTH LINE OF SAID PARCEL; THENCE ALONG SAID NORTH LINE NORTH 89°05'15" EAST 200.00 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

Assessor's Parcel No.

376-010-005

Easements

NOT AVAILABLE

Access Route/Lease Area

TO BE DETERMINED

Geographic Coordinates

TO BE DETERMINED
1983 DATUM: LATITUDE XX° XX' XX.XX"N LONGITUDE XXX° XX' XX.XX"W
ELEVATION = XXX.X FEET ABOVE MEAN SEA LEVEL

CERTIFICATION:
THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES (°), MINUTES (') AND SECONDS ("), TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 3.

Bench Mark

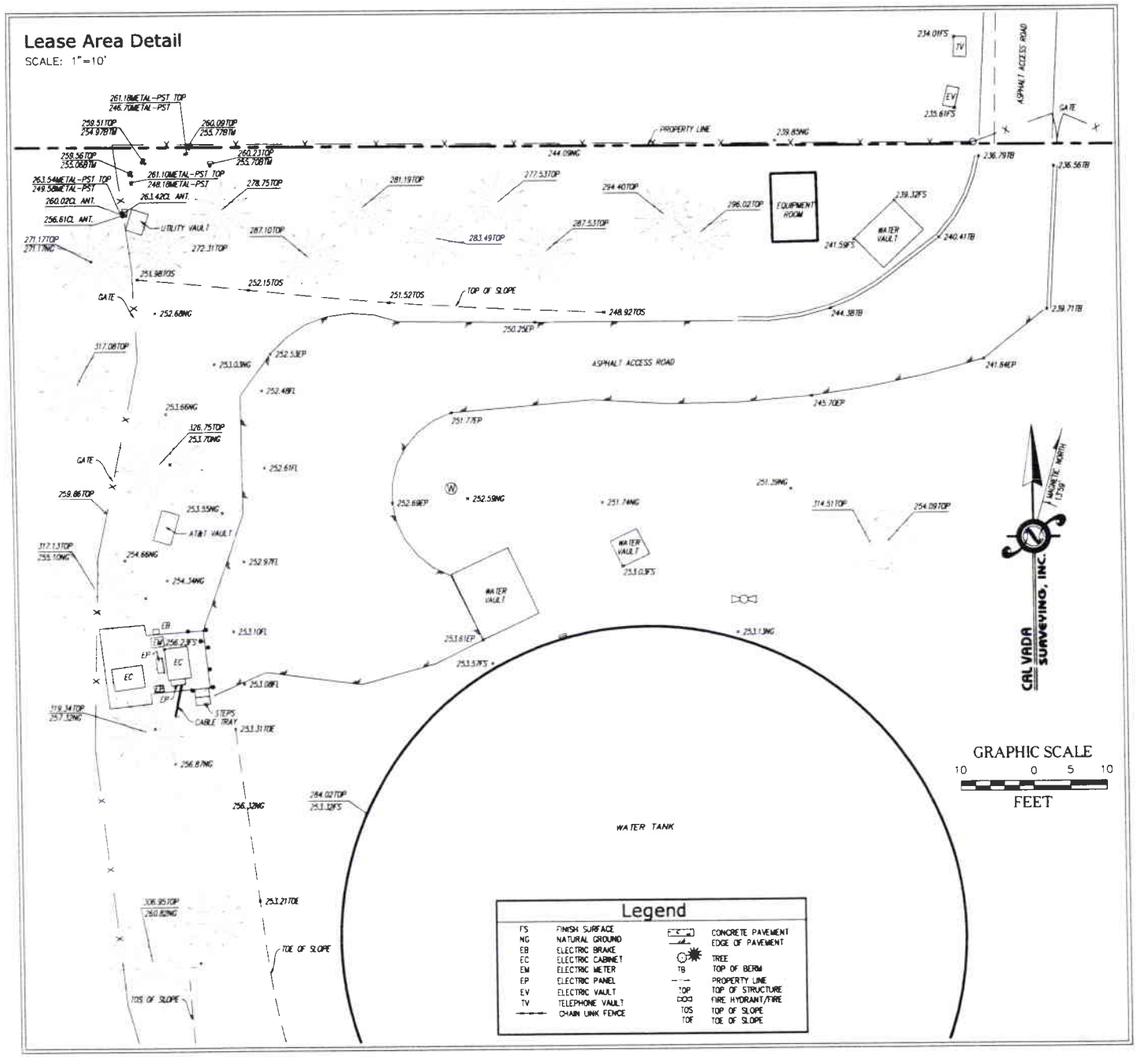
THE CALIFORNIA SPATIAL REFERENCE CENTER C.O.R.S "P262", ELEVATION = 79.00 FEET (NAVD 88).

Date of Survey

APRIL 23, 2013

Lease Area Detail

SCALE: 1"=10'

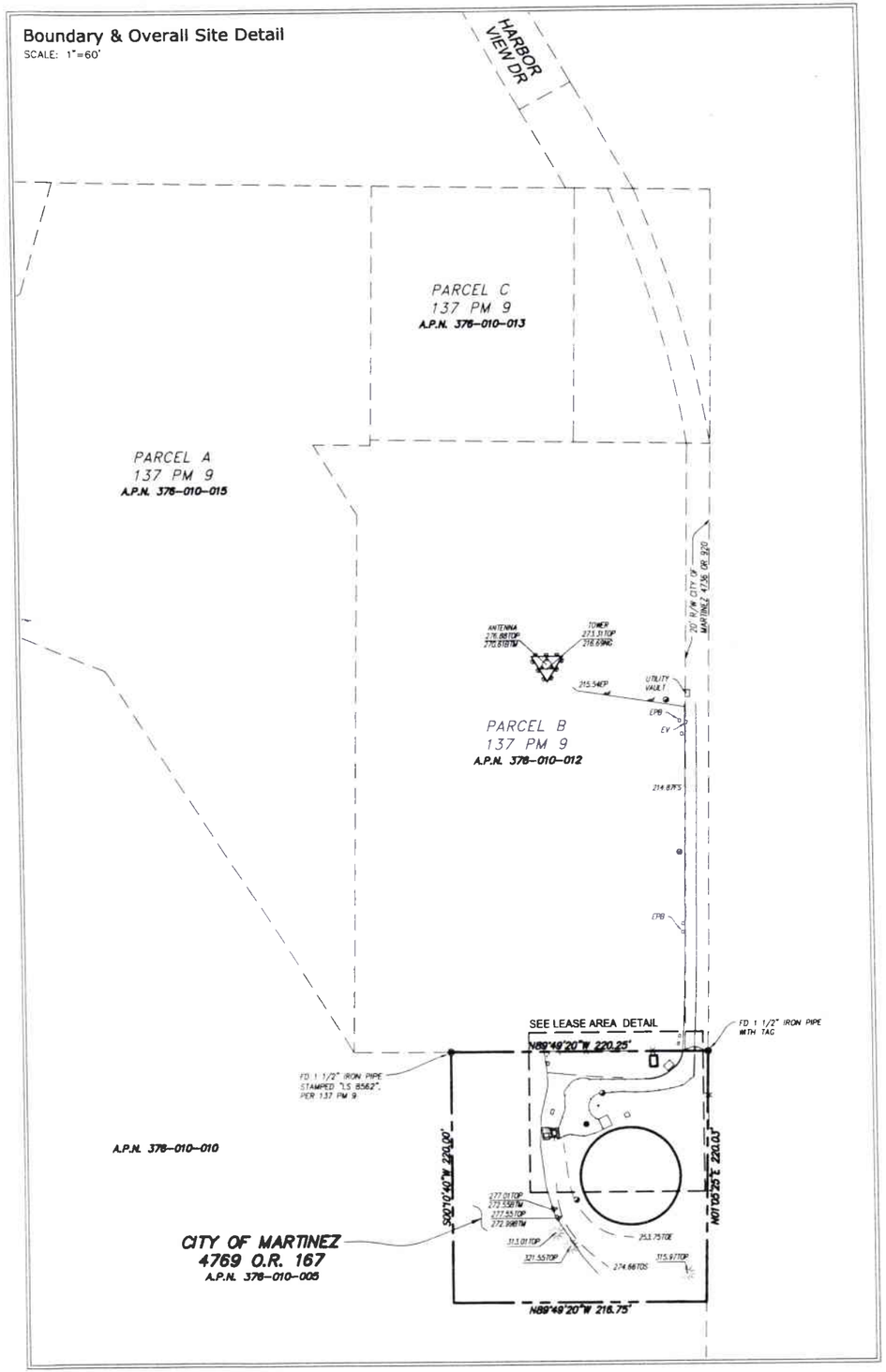


Legend

FS	FINISH SURFACE		CONCRETE PAVEMENT
NG	NATURAL GROUND		EDGE OF PAVEMENT
EB	ELECTRIC BRAKE		TREE
EC	ELECTRIC CABINET	TB	TOP OF BERM
EM	ELECTRIC METER		PROPERTY LINE
EP	ELECTRIC PANEL	TOP	TOP OF STRUCTURE
EV	ELECTRIC VAULT		FIRE HYDRANT/FIRE
TV	TELEPHONE VAULT	TOS	TOP OF SLOPE
	CHAIN LINK FENCE	TOE	TOE OF SLOPE

Boundary & Overall Site Detail

SCALE: 1"=60'



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CONSULTANT
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Toll Free: 800-CALVADA www.calvada.com
JOB NO. 13277

PREPARED FOR

at&t

4430 Rosewood Drive
Pleasanton, California 94588

APPROVALS

R.F. ENGINEER	DATE
SITE ACQ AND ZONING	DATE
ERICSSON CM	DATE
AT&T CONSTRUCTION MANAGER	DATE
OWNER APPROVAL	DATE

PROJECT NAME
HARBOR VIEW DRIVE

PROJECT NUMBER
CC0249

2370 HARBOR VIEW DRIVE,
MARTINEZ, CA 94553
CONTRA COSTA COUNTY

PROJECT TYPE:

DRAWING DATES
DRAWN BY: DG
CHECKED BY: RG

DATE	DESCRIPTION	REV.
04/27/13	SUBMITTAL	

SHEET TITLE
TOPOGRAPHIC SURVEY

C-1

SHEET 1 OF 1