



Telecommunications Project Management



June 21, 2012

Ms. Carol Young
Real Estate Assets Department
The City of San Diego
1200 Third Avenue, Suite 1700
San Diego, California 92101

RE: Site Address: 18448 W. Bernardo Drive, San Diego (the "Property")
 Site Name: SD0058 Rancho Bernardo Community Park
 Agreement: Lease Agreement, dated January 23, 2007 (the "Lease") between The City of San Diego ("City") and New Cingular Wireless PCS, LLC ("Lessee").

Dear Ms. Young,

In order to accommodate the 4th Generation LTE technology, AT&T Mobility would like to make the following modifications to its existing facility:

Antennas: The three (3) antennas on the existing light standard will be removed and replaced with six (6) new panel antennas. AT&T will also be utilizing a second light standard which will be replaced in order to structurally support six (6) new panel antennas. One (1) additional GPS antenna will be mounted to the existing block wall equipment enclosure.

Radio Equipment: The existing block wall equipment enclosure will be expanded by approximately 200 square feet to allow for the installation of four (4) additional Radio Cabinets.

Ancillary Equipment: Install six (6) Remote Radio Units ("RRU's") on each of the two light standards. Install six (6) Tower Mounted Amplifiers ("TMA's") on each of the two light standards. One Surge Suppressor will also be installed on each of the two light standards. Additional underground conduits for Fiber, Coax, & DC Cable will be installed between the equipment enclosure and the new light standard. Please see attached plans dated 11/7/11 and approved 4/26/12 (Project Number 238695) for details.

Pursuant to Section 9.4. Improvements and Alterations of the Lease Agreement, "Lessee shall not construct any improvements, structures, or installations on the Premises, or make alterations to the Premises without City's prior written approval. Lessee shall not make major structural or architectural design alterations to approved improvements, structures, or installations on the Premises without City's prior written approval, which may not be unreasonably withheld." In order to comply with such requirement, AT&T Mobility would like to request City's consent and approval to complete the items described above.

If all meets with your approval, please either (i) have an authorized City representative sign below, or (ii) provide an alternative "consent" as City deems appropriate. By signing this letter, City is providing its consent and approval to allow AT&T Mobility to perform the proposed modifications described herein. Upon signature, please return to my attention at:

PlanCom, Inc.
302 State Place, 2nd Floor
Escondido, California 92029

Please call me at (619) 200-2260 should you have any questions or require additional information. Thank you for your consideration.

Sincerely,

Rodney Philhower

Rodney Philhower, *agent*
for AT&T Mobility

**ACKNOWLEDGEMENT AND CONSENT
FOR SITE SD0058 RANCHO BERNARDO COMMUNITY PARK**

By: *David A. Sandoval*
Name: David A. Sandoval, CCIM
Title: Deputy Director, Real Estate Assets
Date: 6/22/12

EXISTING

**CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES**

EXHIBIT "A"

Project Number:

238695

Approval Date:

4/26/2012

Signed (1st Sheet):

[Signature]



**SD0058
Rancho Bernardo
Community Park
18448 W. Bernardo Rd.
San Diego, CA 92127**



Proposed new and replacement antennas and proposed
RRUs and TMAs within new radome on existing light standard

Proposed equipment enclosure
expansion to match existing enclosure

Proposed antennas and
radome covered RRUs
and TMAs mounted to
proposed light standard



PROPOSED

Photosimulation of proposed telecommunications site

ENGINEERING

2009 INTERNATIONAL BUILDING CODE
2008 NATIONAL ELECTRIC CODE
TIA/EIA-222-G OR LATEST EDITION

CALIFORNIA BUILDING CODE, TITLE 24, 2010 EDITION
CALIFORNIA ELECTRICAL CODE, 2010 EDITION BASED ON 2008 N.E.C.
CALIFORNIA PLUMBING CODE, 2010 EDITION BASED ON 2009 U.P.C.
CALIFORNIA MECHANICAL CODE, 2010 EDITION BASED ON 2009 U.M.C.
CALIFORNIA FIRE CODE, 2010 EDITION BASED ON 2009 I.F.C.
CALIFORNIA ENERGY CODE, 2010 EDITION

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

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

AT&T WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS INSTALLATION. THE SCOPE WILL CONSIST OF THE FOLLOWING:

- MODIFY (1) (E) 72'-0" LIGHT STANDARD
- REMOVE (1) (E) 72'-0" STADIUM LIGHT POLE
- INSTALL (1) (N) 72'-0" AT&T LIGHT STANDARD
- INSTALL (2) (N) LTE EQUIPMENT CABINETS
- REMOVE (3) (E) 6' ANTENNAS FROM (E) SITE
- REMOVE (6) (E) TWA'S FROM (E) SITE
- INSTALL (12) (N) 6' ANTENNAS (6 PER POLE)
- INSTALL (12) (N) RRU'S (6 PER POLE)
- INSTALL (12) (N) TWA'S (6 PER POLE)
- INSTALL (2) (N) DC SURGE SUPPRESSORS
- INSTALL (1) (N) GPS ANTENNA
- INSTALL (2) (N) CONDUIT FOR FIBER ROUTE
- INSTALL (1) (N) 200 SQ FT BRICK ENCLOSURE EXTENSION

SITE INFORMATION

PROPERTY OWNER: THE CITY OF SAN DIEGO
ADDRESS: 1200 3RD AVE SUITE 1700 MS 51A
SAN DIEGO, CA 92101

SITE NAME: RANCHO BERNARDO COMMUNITY PARK
SITE ADDRESS: 18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127

SITE CONTACT: CAROL YOUNG
(619) 236-6081

COUNTY: SAN DIEGO

LATITUDE (NAD 83): 33° 2' 50.100" N
33.04725

LONGITUDE (NAD 83): 117° 4' 27.840" W
-117.0744

GROUND ELEVATION: 366' AMSL

ANTENNA TIP HEIGHT: 65'-0" AGL

ZONING JURISDICTION: CITY OF SAN DIEGO

ZONING DISTRICT: OP-1-1

EXISTING PERMITS: NUP (790466) & CUP (790467)
272-110-43

PROCESS: NEIGHBORHOOD USE PERMIT,
CONDITIONAL USE PERMIT, & PLANNED
DEVELOPMENT PERMIT

OCCUPANCY GROUP: S-1

CONSTRUCTION TYPE: V-B

OTHER WIRELESS FACILITIES: AT&T

POWER COMPANY: SDG&E

TELEPHONE COMPANY: AT&T

RF ENGINEER: RAVI JINDAL
(925) 922-4394

PLANCOM ZONING AGENT: KRYSTAL PATTERSON
(760) 715-8703

PLANCOM LEASING AGENT: RODNEY PHILHOWER
(619) 200-2260

CONSTRUCTION MANAGER: CRAIG McNULTY
(619) 200-9864

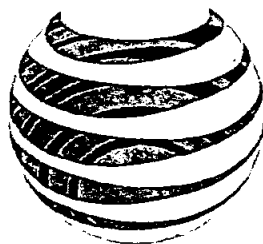
LEGAL DESCRIPTION

A PORTION OF RANCHO BERNARDO, IN THE CITY OF SAN DIEGO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO THE MAP THEREOF FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO IN BOOK 2, PAGE 42 OF PATENTS.

CONTACT INFORMATION

ENGINEER: BLACK & VEATCH CORPORATION
9820 WILLOW CREEK RD, SUITE 310
SAN DIEGO, CA 92131

CONTACT: MAJID MORADI
(619) 302-5359



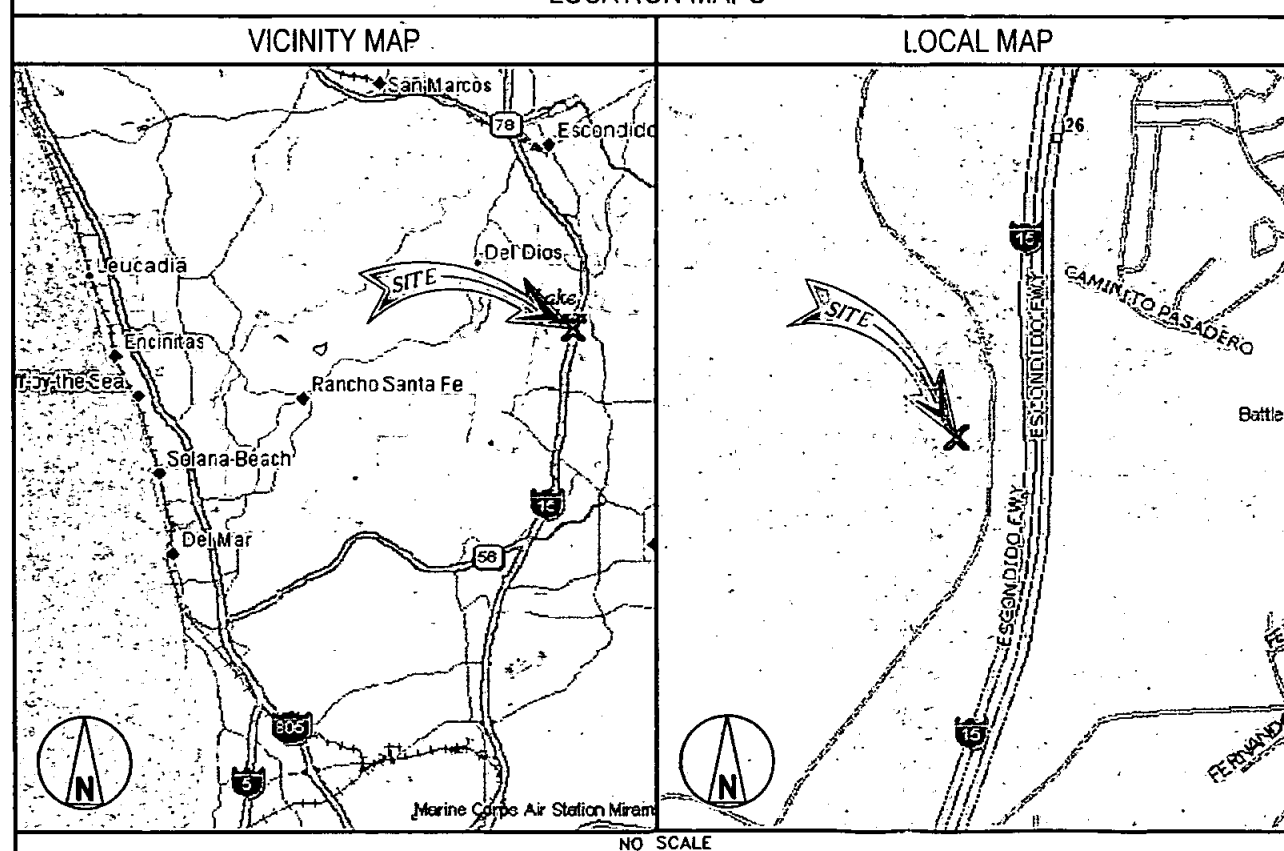
at&t

SD0058

RANCHO BERNARDO COMMUNITY PARK

LTE OPTIMAL
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127

LOCATION MAPS



DRIVING DIRECTIONS

DIRECTIONS FROM AT&T OFFICE:

HEAD SOUTHWEST ON PACIFIC CENTER BLVD. TOWARD MCKELLAR CT.; GO 404 FT. MAKE A U-TURN AT MCKELLAR CT.; GO 0.3 MI. TAKE THE 2ND RIGHT ONTO PACIFIC HEIGHTS BLVD.; GO 0.5 MI. TURN LEFT AT MIRA MESA BLVD.; GO 4.6 MI. TAKE RAMP ONTO I-15 NORTH; GO 7.8 MI. TAKE EXIT 24 FOR RANCHO BERNARDO RD.; GO 0.2 MI. TURN RIGHT AT RANCHO BERNARDO RD.; GO 0.2 MI. TAKE THE 1ST LEFT ONTO BERNARDO CENTER DR.; GO 1.0 MI. TURN RIGHT AT WEST BERNARDO DR.; GO 0.7 MI. SITE WILL BE ON THE LEFT.

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A" APPROVALS

Project Number: 238145

Approval Date: 4/26/2012

Signed (1st Sheet):

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE SUBCONTRACTOR 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: DATE:

SITE ACQUISITION: DATE:

PROPERTY OWNER: DATE:

CM: DATE:

DATE:

RF INFORMATION

	LTE	GSM	UMTS
Tx	704.0 - 716.0 MHz	869 - 874.6 MHz 890 - 891.4 MHz 1950 - 1952.8 MHz 1970 - 1980 MHz	874.6 - 879.6 MHz 1945 - 1950 MHz
Rx	734.0 - 746.0 MHz	824 - 829.4 MHz 845 - 846.4 MHz 1870 - 1872.8 MHz 1890 - 1900 MHz	829.6 - 834.4 MHz 1865 - 1869.8 MHz

MAX EIRP: 500.0 WATTS

MAX ERP: 850 MHz: 54 WATTS
1900 MHz: 54.5 WATTS

DRAWING INDEX

SHEET NO:	SHEET TITLE
T-1	TITLE SHEET
LS-1	TOPOGRAPHIC SURVEY
Z-1	SITE PLAN
Z-2	ENLARGED SITE PLAN
Z-2.1	UTILITY RELOCATION
Z-3	(E) EQUIPMENT LAYOUT
Z-3.1	(N) EQUIPMENT LAYOUT
Z-4	ANTENNA LAYOUT (LIGHT STANDARD "A")
Z-4.1	ANTENNA LAYOUT (LIGHT STANDARD "B")
Z-5	SITE ELEVATION
Z-6	SITE ELEVATION
Z-7	SITE DETAILS
Z-8	SITE DETAILS

DO NOT SCALE DRAWINGS

SUBCONTRACTOR 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

11"X17" PLOT WILL BE HALF SCALE



UNDERGROUND
SERVICE ALERT
UTILITIES PROTECTION CENTER, INC.
811

48 HOURS BEFORE YOU DIG



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

DRAWN BY: AW

CHECKED BY: VJH

REV	DATE	DESCRIPTION
G	11/07/11	ISSUED FOR ZONING
F	08/15/11	ISSUED FOR ZONING
E	04/27/11	ISSUED FOR ZONING
D	04/18/11	ISSUED FOR ZONING
C	04/07/11	ISSUED FOR REVIEW (ZONING)
B	12/09/10	EXTEND LEASE AREA
A	11/16/10	ISSUED FOR ZONING

ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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.

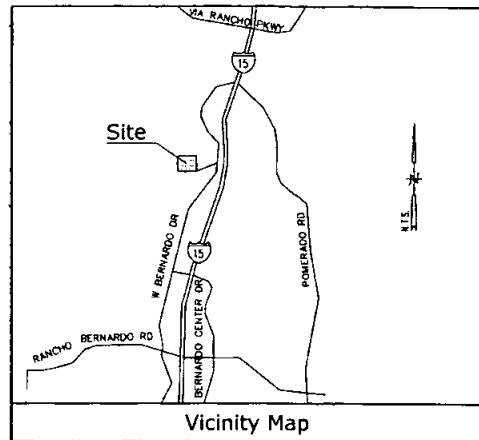
SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1



Title Report

PREPARED BY: LAWYERS TITLE COMPANY
ORDER NO.: 12303988
DATED: NOVEMBER 29, 2010

Legal Description

ALL THAT PORTION OF RANCHO SAN BERNARDO, IN THE CITY OF SAN DIEGO, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY IN BOOK 2, PAGE 462 OF PATENTS, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF WESTINGHOUSE UNIT NO. 13, ACCORDING TO MAP THEREOF NO. 8731, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 1, 1977, SAID NORTHEAST CORNER BEING ON THE CENTERLINE OF WEST BERNARDO DRIVE, 84.00 FEET WIDE, AS LOCATED AND ESTABLISHED AS OF THE DATE OF THIS INSTRUMENT, SAID NORTHEAST CORNER BEING ALSO THE NORTHERLY TERMINUS OF A 1,000.00 FOOT RADIUS CURVE, CONCAVE SOUTHEASTERLY, ON THE EASTERLY BOUNDARY OF SAID MAP NO. 8731, A RADIAL TO SAID NORTHERLY TERMINUS OF SAID 1,000.00 FOOT RADIUS CURVE BEARS NORTH 84° 44' 49" WEST; THENCE NORTHEASTERLY ALONG SAID CENTERLINE AND THE NORTHEASTERLY CONTINUATION OF SAID CURVE THROUGH A CENTRAL ANGLE OF 15° 00' 00" AN ARC LENGTH OF 261.80 FEET; THENCE TANGENT TO SAID CURVE ALONG SAID CENTER LINE NORTH 40° 15' 11" EAST, 1,370.00 FEET; THENCE NORTH 49° 44' 49" WEST, 42.00 FEET TO THE WESTERLY LINE OF SAID WEST BERNARDO DRIVE, BEING A POINT ON THE ARC OF A NON-TANGENT 950.00 FOOT RADIUS CURVE, CONCAVE WESTERLY, A RADIAL TO SAID POINT BEARS SOUTH 49° 44' 49" EAST; THENCE ALONG SAID WESTERLY LINE OF WEST BERNARDO DRIVE AS FOLLOWS: NORTHERLY ALONG THE ARC OF LAST SAID CURVE THROUGH A CENTRAL ANGLE OF 08° 58' 13" AN ARC LENGTH OF 116.82 FEET TO THE TRUE POINT OF BEGINNING, CONTINUING NORTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 32° 00' 47", AN ARC LENGTH OF 535.26 FEET; TANGENT TO SAID CURVE NORTH 01° 15' 11" EAST, 475.00 FEET TO THE BEGINNING OF A TANGENT 850.00 FOOT RADIUS CURVE, CONCAVE WESTERLY, NORTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 51° 00' 00", AN ARC LENGTH OF 763.72 FEET; TANGENT TO SAID CURVE NORTH 49° 44' 49" WEST, 224.75 FEET; THENCE LEAVING SAID WESTERLY LINE OF WEST BERNARDO DRIVE, SOUTH 40° 15' 11" WEST, 21.14 FEET TO THE BEGINNING OF A TANGENT 82.00 FOOT RADIUS CURVE, CONCAVE NORTHERLY; THENCE WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 60° 00' 00", AN ARC LENGTH OF 85.87 FEET; THENCE TANGENT TO SAID CURVE NORTH 79° 44' 49" WEST, 80.00 FEET TO THE BEGINNING OF A TANGENT 92.00 FOOT RADIUS CURVE, CONCAVE SOUTHERLY; THENCE WESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 72° 00' 00", AN ARC LENGTH OF 115.61 FEET; THENCE TANGENT TO SAID CURVE SOUTH 28° 15' 11" WEST, 382.00 FEET TO THE BEGINNING OF A TANGENT 100.00 FOOT RADIUS CURVE, CONCAVE NORTHWESTERLY; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 52° 57' 29", AN ARC LENGTH OF 92.43 FEET TO THE BEGINNING OF A REVERSE CURVE, CONCAVE SOUTHEASTERLY, HAVING A RADIUS OF 20.00 FEET; THENCE SOUTHWESTERLY AND SOUTHERLY ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 110° 45' 58", AN ARC LENGTH OF 135.33 FEET; THENCE SOUTH 35° 01' 44" WEST, 215.64 FEET; THENCE SOUTH A DISTANCE OF 220.00 FEET; THENCE WEST A DISTANCE OF 57.00 FEET; THENCE SOUTH A DISTANCE OF 202.00 FEET; THENCE SOUTH 53° 06' 04" EAST, 250.00 FEET; THENCE SOUTH 71° 57' 40" EAST, 140.00 FEET; THENCE SOUTH 15° 00' 00" EAST, 195.00 FEET; THENCE SOUTH 64° 50' 00" EAST, 450.00 FEET; THENCE SOUTH 76° 24' 00" EAST, 254.55 FEET RETURNING TO THE TRUE POINT OF BEGINNING.

Assessor's Parcel No.

272-110-43

Easements

- AN EASEMENT FOR PIPE LINE PURPOSES, RECORDED OCTOBER 6, 1925, IN BOOK 1113, PAGE 344 OF DEEDS (NOT PLOTTABLE FROM RECORD)
- AN EASEMENT FOR PIPE LINE PURPOSES, RECORDED APRIL 1, 1940, ON DOCUMENT NO. 15524, IN BOOK 1007, PAGE 303 OF OFFICIAL RECORDS (NOT PLOTTABLE FROM RECORD)
- AN EASEMENT FOR PIPE LINE PURPOSES, RECORDED FEBRUARY 26, 1942, ON DOCUMENT NO. 11172, IN BOOK 1304, PAGE 380 OF OFFICIAL RECORDS (NOT PLOTTABLE FROM RECORD)
- AN EASEMENT FOR TRANSMISSION AND DISTRIBUTION OF ELECTRICITY PURPOSES, RECORDED JANUARY 26, 1984, ON FILE NO. 84-031313 OF OFFICIAL RECORDS (NOT PLOTTABLE FROM RECORD)
- AN EASEMENT FOR UNDERGROUND FACILITY PURPOSES, RECORDED JANUARY 26, 1988, ON FILE NO. 88-302596 OF OFFICIAL RECORDS (PLOTTED HEREON)
- AN EASEMENT FOR PUBLIC UTILITIES PURPOSES, (NOT PLOTTABLE, NOT DOCUMENT LISTED PER TITLE REPORT)

Dates of Survey

MARCH 18 & JULY 22, 2011

Geographic Coordinates at Existing Light Pole

1983 DATUM: LATITUDE: 33°02'50.09"N LONGITUDE: 117°04'27.74"W
ELEVATION = 365.4 FEET ABOVE MEAN SEA LEVEL

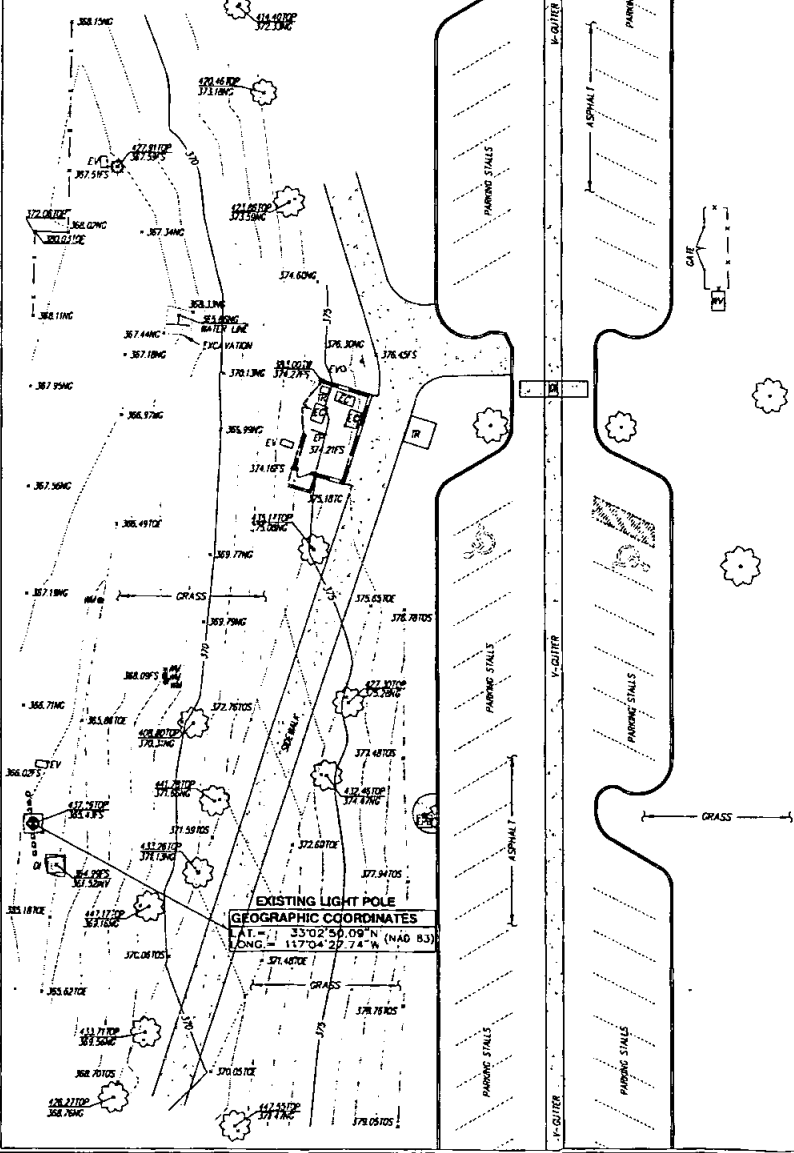
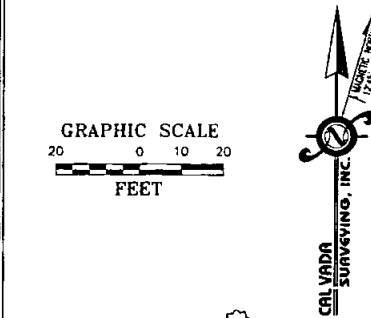
CERTIFICATION:
THE LATITUDE AND LONGITUDE SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 15 FEET HORIZONTALLY AND THAT THE ELEVATIONS SHOWN ABOVE ARE ACCURATE TO WITHIN +/- 3 FEET VERTICALLY. THE HORIZONTAL DATUM (GEOGRAPHIC COORDINATES) IS IN TERMS OF THE NORTH AMERICAN DATUM OF 1983 (NAD 83) AND IS EXPRESSED IN DEGREES (°), MINUTES (') AND SECONDS (") TO THE NEAREST HUNDREDTH OF A SECOND. THE VERTICAL DATUM (ELEVATIONS) IS IN TERMS OF THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AND IS DETERMINED TO THE NEAREST TENTH OF A FOOT.

Basis of Bearings

THE STATE PLANE COORDINATE SYSTEM OF 1983 (NAD 83), CALIFORNIA ZONE 8.

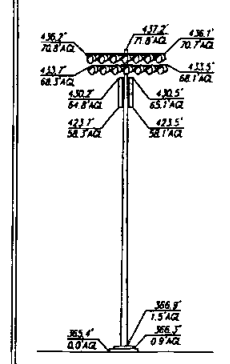
Bench Mark

THE CITY OF SAN DIEGO BENCH MARK LOCATED AT THE NORTHWEST CORNER OF WEST BERNARDO DRIVE & AQUAMIEL ROAD (3191 INDEX 17465); ELEVATION = 361.29 FEET (NGVD 29)



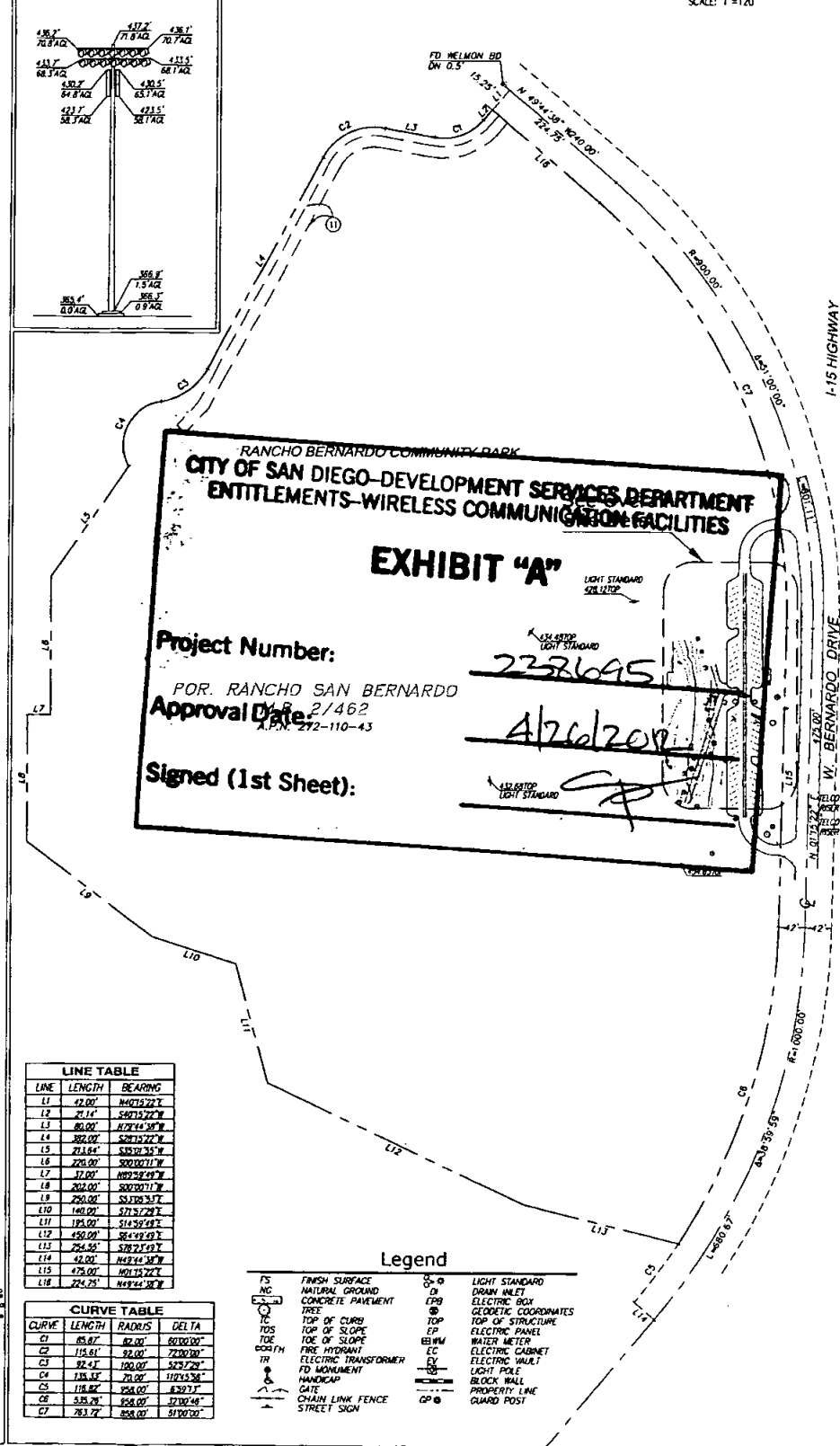
Light Pole Profile

EASTERLY ELEVATION (NOT TO SCALE)



Boundary Detail

SCALE: 1"=120'



LINE	LENGTH	BEARING
L1	42.00'	N40°15'27"E
L2	21.14'	S80°15'27"W
L3	80.00'	N79°44'49"W
L4	382.00'	S40°15'11"W
L5	215.64'	S53°06'04"W
L6	220.00'	S71°57'40"W
L7	17.00'	N89°58'49"W
L8	202.00'	S00°00'17"W
L9	250.00'	S47°08'37"E
L10	140.00'	S76°24'00"E
L11	195.00'	S15°00'00"E
L12	450.00'	S64°50'00"E
L13	254.55'	S76°24'00"E
L14	42.00'	N40°15'27"E
L15	475.00'	N01°15'11"E
L16	224.75'	N49°44'49"E

CURVE	LENGTH	RADIUS	DELTA
C1	85.87'	82.00'	80°00'00"
C2	115.61'	92.00'	72°00'00"
C3	92.43'	100.00'	52°57'29"
C4	135.33'	20.00'	110°45'58"
C5	118.82'	82.00'	63°01'17"
C6	535.26'	158.00'	32°00'47"
C7	763.72'	858.00'	51°00'00"

Legend

FS	FINISH SURFACE	LS	LIGHT STANDARD
NC	NATURAL GROUND	DI	DRAIN INLET
CP	CONCRETE PAVEMENT	EP	ELECTRIC BOX
TC	TREE	GC	GEOGRAPHIC COORDINATES
TC	TOP OF CURB	TP	TOP OF STRUCTURE
TOS	TOP OF SLOPE	EP	ELECTRIC PANEL
TOS	TOP OF SLOPE	EW	ELECTRIC METER
TR	FIRE HYDRANT	EC	ELECTRIC CABINET
TR	ELECTRIC TRANSFORMER	EV	ELECTRIC VALVE
TR	FD MONUMENT	LP	LIGHT POLE
TR	MANHOLE	BR	BLOCK WALL
TR	GATE	PL	PROPERTY LINE
TR	CHAIN LINK FENCE	GP	GUARD POST
TR	STREET SIGN		



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 11290

DRAWN BY: MN

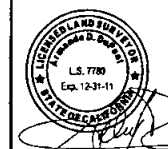
CHECKED BY: RG

REV	DATE	DESCRIPTION
2	08/01/11	ADJUST ELE. TO CITY BENCHMARK
1	04/21/11	TITLE REPORT-FINAL
	03/23/11	SUBMITTAL

CALVADA
SURVEYING, INC.

411 Jambh Ch. Suite 205, Corona, CA 92630
Phone: 951-260-2800 Fax: 951-260-4748
Toll Free: 800-CALVADA www.calvada.com

JOB NO. 11290



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.

SD0058
RANCHO BERNARDO
COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
SAN DIEGO COUNTY

SHEET TITLE

TOPOGRAPHIC
SURVEY

SHEET NUMBER

LS-1

ORIGINAL

NOTES:

1. NO EXISTING PARKING SPACE WILL BE USED OR REMOVED BY THIS PROJECT.
2. THIS PROJECT PROPOSES NO WORK IN THE PUBLIC RIGHT-OF-WAY.
3. PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT, THE PERMITTEE SHALL ENTER INTO A MAINTENANCE AGREEMENT FOR THE ONGOING PERMANENT BMP MAINTENANCE, SATISFACTORY TO THE CITY ENGINEER.
4. PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT, THE PERMITTEE SHALL INCORPORATE ANY CONSTRUCTION BEST MANAGEMENT PRACTICES NECESSARY TO COMPLY WITH CHAPTER 14, ARTICLE 2, DIVISION 1 (GRADING REGULATIONS) OF THE SAN DIEGO MUNICIPAL CODE, INTO CONSTRUCTION PLANS OR SPECIFICATIONS.
5. PRIOR TO ISSUANCE OF ANY CONSTRUCTION PERMIT THE PERMITTEE SHALL SUBMIT A WATER POLLUTION CONTROL PLAN (WPCP). THE WPCP SHALL BE PREPARED IN ACCORDANCE WITH THE GUIDELINES IN APPENDIX E OF THE CITY'S STORM WATER STANDARDS.

GRADING DATA TABLE		
DESCRIPTION	VOLUME (CU. FT.)	MINIMUM COMPACTION (%)
EXCAVATION	±105	N/A
BACKFILL	±105	95%

LESSEE'S CERTIFICATE STANDARD WIRELESS FACILITY PROJECT FOR POST CONSTRUCTION BMP'S

I/WE THE UNDERSIGNED, AS A LESSEE OF A PORTION OF THE PROPERTY DESCRIBED AS
18448 W. BERNARDO DRIVE, SAN DIEGO, CA 92127
(ADDRESS OR LEGAL DESCRIPTION)

UNDERSTAND THAT, IN ACCORDANCE WITH THE SAN DIEGO MUNICIPAL CODE, LAND DEVELOPMENT MANUAL - STORM WATER STANDARDS, THIS PROJECT IS REQUIRED TO "IDENTIFY POLLUTANTS FROM THE PROJECT AREA" AND INCORPORATE "SITE DESIGN" AND "SOURCE CONTROL" BMP'S.

I CERTIFY TO THE BEST OF MY KNOWLEDGE, THAT THE POLLUTANTS ANTICIPATED BY THE PROPOSED LAND USE ARE AS FOLLOWS:

SEDIMENTS
NUTRIENTS
TRASH AND DEBRIS
OXYGEN DEMANDING SUBSTANCE
OIL AND GREASE
BACTERIA AND VIRUSES
PESTICIDES

I/WE WILL INCORPORATE THE FOLLOWING INTO THE SITE DESIGN:

- MAINTAIN PRE-DEVELOPMENT RUNOFF CHARACTERISTICS;
- MINIMIZE IMPERVIOUS FOOT PRINT BY CONSTRUCTING WALKWAYS, PATIOS AND DRIVEWAYS WITH PERMEABLE SURFACES;
- CONSERVE NATURAL AREAS;
- USE NATURAL DRAINAGE SYSTEMS AS OPPOSED TO LINED SWALES OR UNDERGROUND DRAINAGE SYSTEMS;
- DRAIN ROOF TOPS, WALKWAYS, PATIOS AND DRIVEWAYS INTO ADJACENT LANDSCAPING TO DISCHARGING TO THE PUBLIC DRAINAGE SYSTEM;
- PRESERVE EXISTING NATIVE TREES AND SHRUBS;
- PROTECT ALL SLOPES FROM EROSION.

ADDITIONALLY, I/WE WILL:

- MINIMIZE THE USE OF PESTICIDES;
- USE EFFICIENT IRRIGATION SYSTEMS AND LANDSCAPING DESIGN, INCORPORATING RAIN SHUTOFF DEVICES AND FLOW REDUCERS AS NEEDED.

I/WE WILL MAINTAIN THE ABOVE STANDARD PERMANENT BMP'S FOR THE DURATION OF THE LEASE.

LESSEE KEVIN C BECKER COMPANY NAME AT&T MOBILITY
(PRINT NAME)
LESSEE ILC BC DATE _____
(SIGNATURE)

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 238645
Approval Date: 4/26/2012
Signed (1st Sheet): SP

(E) PROPERTY LINE (TYP)
(E) TENNIS COURT (TYP)
(E) PARKING

LINE TABLE		
LINE	LENGTH	BEARING
L1	42.00'	N40°52'22"E
L2	21.14'	S40°52'22"W
L3	80.00'	N79°44'38"W
L4	382.00'	S28°15'22"W
L5	213.64'	S35°01'35"W
L6	220.00'	S00°00'11"W
L7	37.00'	N89°59'49"W
L8	202.00'	S00°00'11"W
L9	250.00'	S53°05'53"E
L10	140.00'	S71°57'29"E
L11	195.00'	S14°59'49"E
L12	450.00'	S64°49'49"E
L13	254.55'	S76°23'49"E
L14	42.00'	N49°44'38"W
L15	475.00'	N01°15'22"E
L16	224.75'	N49°44'38"W

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	85.87'	82.00'	60°00'00"
C2	115.61'	92.00'	72°00'00"
C3	92.43'	100.00'	52°57'29"
C4	135.13'	70.00'	110°45'56"
C5	116.82'	958.00'	6°59'13"
C6	535.26'	958.00'	32°00'46"
C7	763.72'	658.00'	51°00'00"

SITE PLAN

ORIGINAL

at&t
5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

BLACK & VEATCH
10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151
DRAWN BY: AW
CHECKED BY: VLH

REV	DATE	DESCRIPTION
G	11/07/11	ISSUED FOR ZONING
F	06/15/11	ISSUED FOR ZONING
E	04/27/11	ISSUED FOR ZONING
D	04/19/11	ISSUED FOR ZONING
C	04/07/11	ISSUED FOR REVIEW (ZONING)
B	12/09/10	EXTEND LEASE AREA
A	11/16/10	ISSUED FOR ZONING

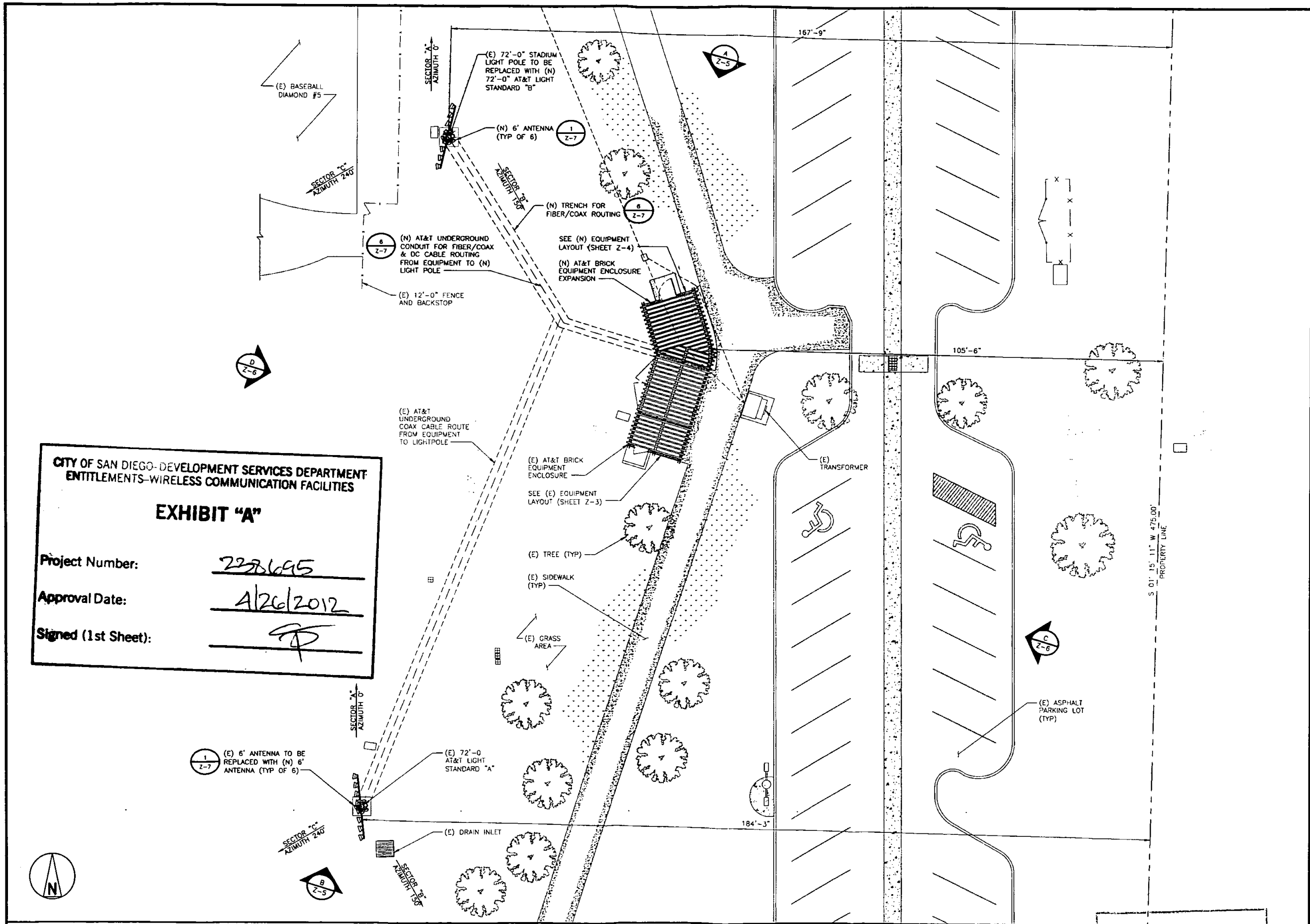
ENGINEER OF RECORD
PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

**NOT TO BE USED
FOR CONSTRUCTION**
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TO ALTER THIS DOCUMENT.

SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
SITE PLAN

SHEET NUMBER
Z-1



**CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES**

EXHIBIT "A"

Project Number: 238695

Approval Date: 1/26/2012

Signed (1st Sheet): [Signature]



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151
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ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
Z-2

ENLARGED SITE PLAN

ORIGINAL SCALE: 3/32"=1'-0"

NOTES:

1. ALL UTILITY DIMENSIONS GIVEN ARE APPROXIMATIONS.
2. RELOCATION OF THE ELECTRICAL VAULT IS TO BE FIELD VERIFIED WITH THE UTILITY COMPANY FOR THE EXACT LOCATION.
3. PLACEMENT OF NEW UTILITY LINE IS TO BE COORDINATED WITH UTILITY COMPANY.
4. TRELLIS ROOF AND NEW EQUIPMENT NOT SHOW FOR CLARITY.

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 238095

Approval Date: 4/20/2012

Signed (1st Sheet):

(E) UNDERGROUND
UTILITY LINE

(E) RELOCATED
VAULT

(E) UNDERGROUND
UTILITY LINE TO BE
ABANDONED

(E) VAULT TO
BE RELOCATED

(N) AT&T
ENCLOSURE

(N) UNDERGROUND
UTILITY LINE

(E) TRANSFORMER

UTILITY RELOCATION



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

DRAWN BY: AW

CHECKED BY: VLH

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ENGINEER OF RECORD

PATRICK DOYLE
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OVERLAND PARK, KS 66210
(913) 458-2000

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RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
UTILITY RELOCATION

SHEET NUMBER

Z-2.1

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



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

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ENGINEER OF RECORD

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OVERLAND PARK, KS 66210
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RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
(E) EQUIPMENT LAYOUT

SHEET NUMBER

Z-3

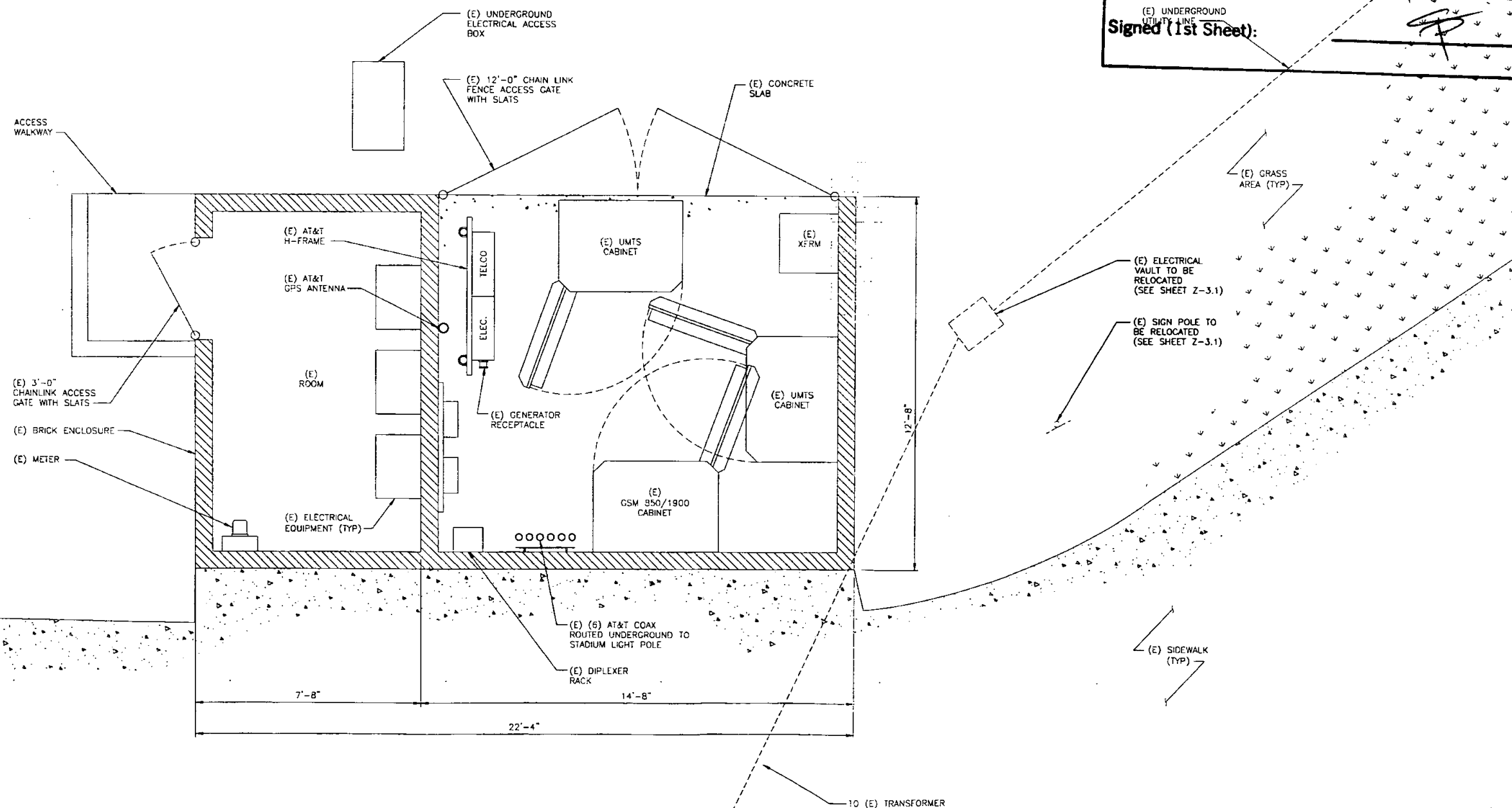
CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 238695

Approval Date: 4/26/12

Signed (1st Sheet): [Signature]



(E) EQUIPMENT LAYOUT

SCALE: 1/2"=1'-0"

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number:

2256615

Approval Date:

4/26/2012

Signed (1st Sheet):

[Signature]



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

DRAWN BY: AW

CHECKED BY: VJH

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ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

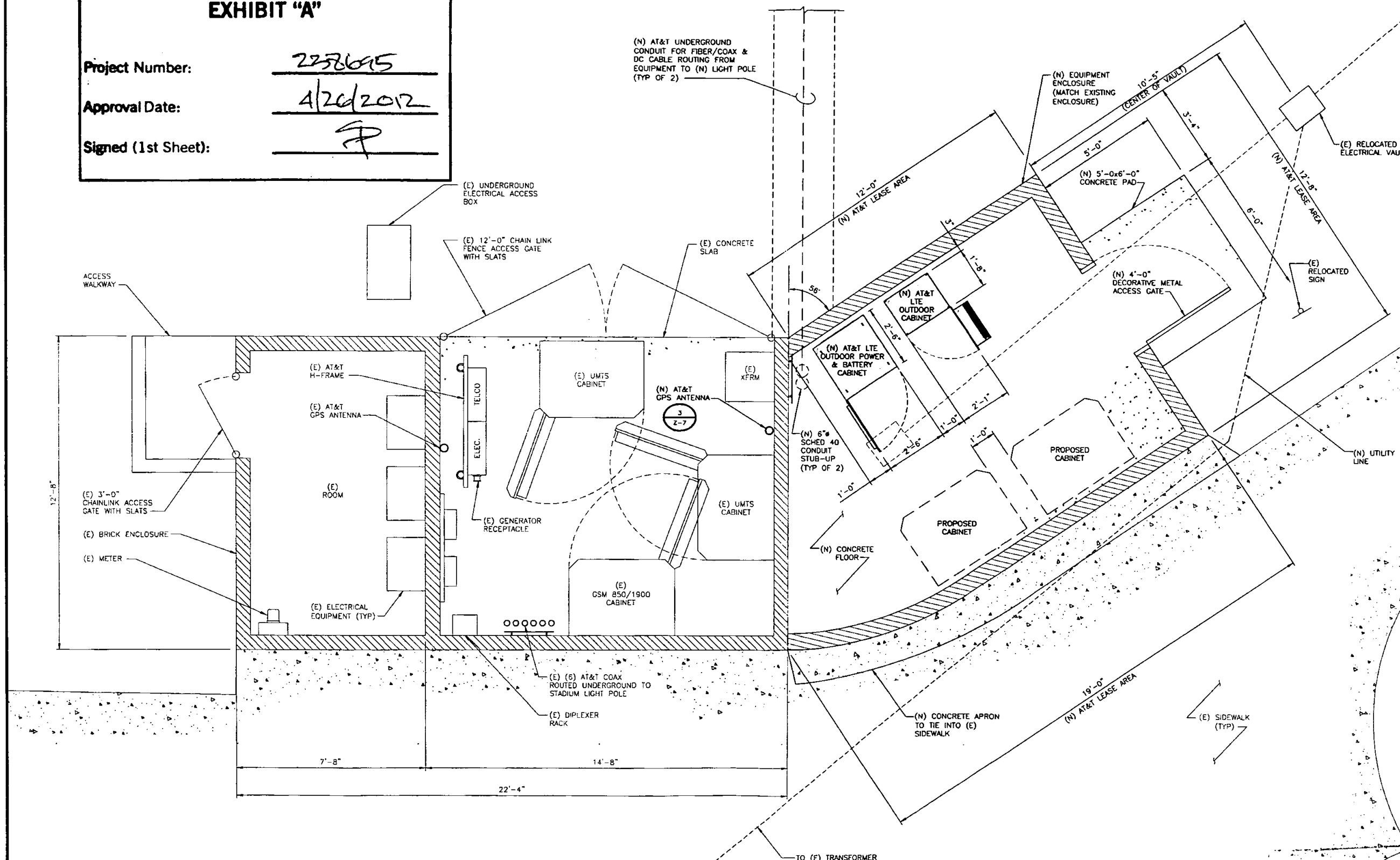
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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
(N) EQUIPMENT LAYOUT

SHEET NUMBER
Z-3.1



(N) EQUIPMENT LAYOUT

ORIGINAL

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number:

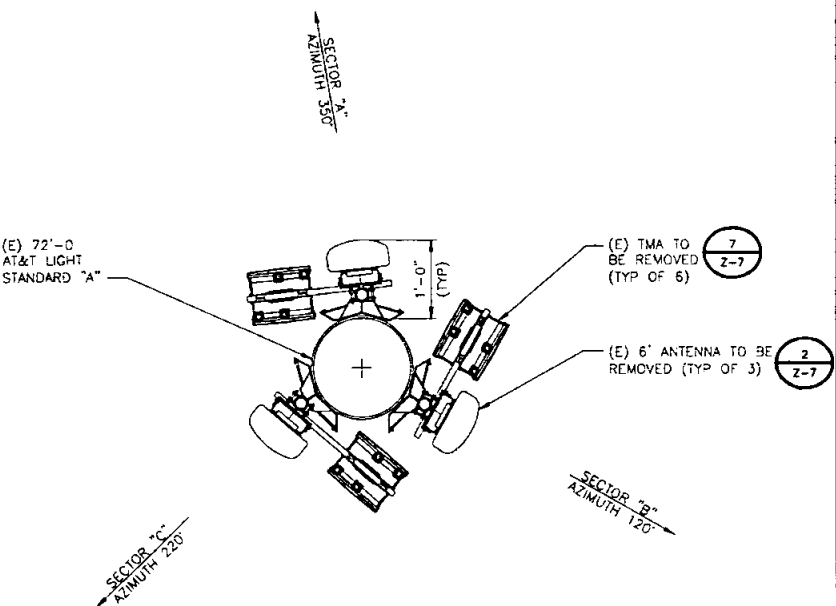
2258095

Approval Date:

4/26/2012

Signed (1st Sheet):

[Signature]

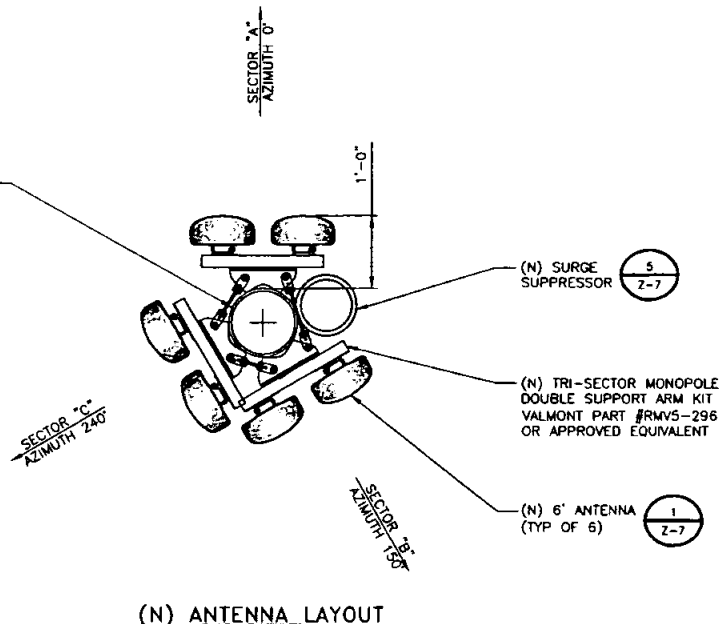


(E) ANTENNA LAYOUT (LIGHT STANDARD "A")

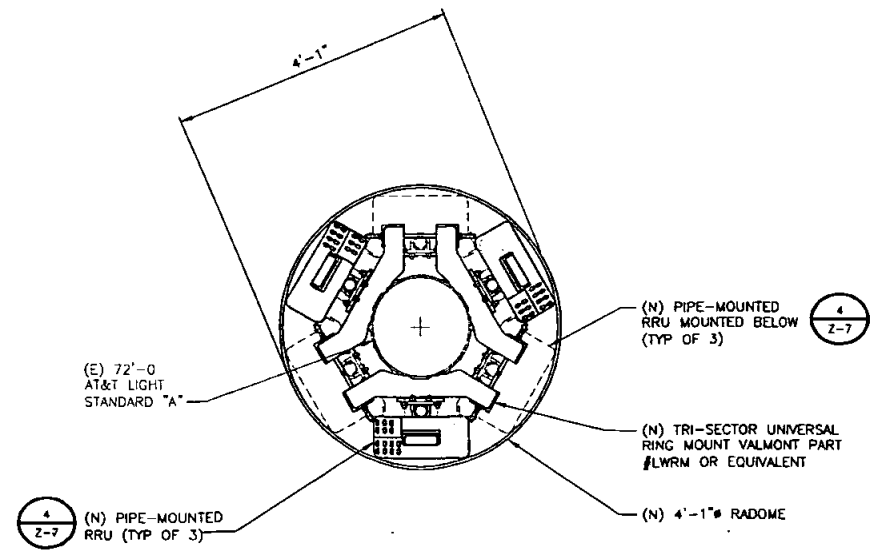
SCALE: 3/4"=1'-0"

(E) & (N) LIGHT STANDARDS
TOP DIA = 13.6"
BOTTOM DIA = 24.4"

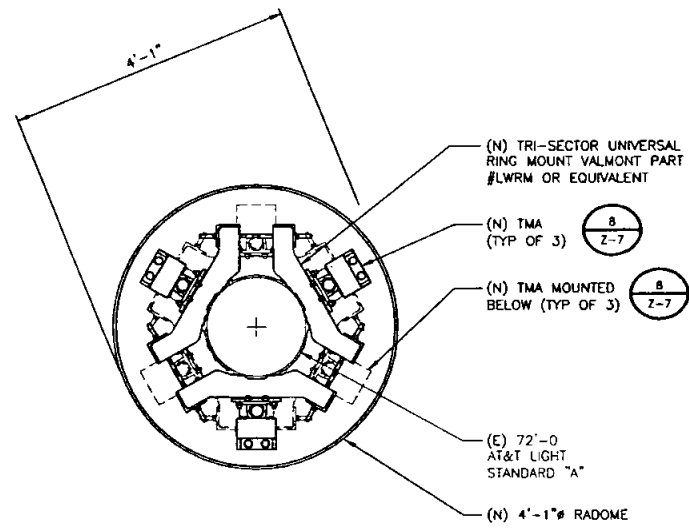
NOTE:
THE PROPOSED ANTENNAS AND RADOMES SHALL BE PAINTED TO MATCH THE EXISTING/REPLACEMENT LIGHT STANDARDS.



(N) ANTENNA LAYOUT



(N) RRU LAYOUT



(N) TMA LAYOUT

 **at&t**
5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

 **BLACK & VEATCH**
10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO:	168151
DRAWN BY:	AW
CHECKED BY:	VLH

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ENGINEER OF RECORD
PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
ANTENNA LAYOUT
(LIGHT STANDARD "A")

SHEET NUMBER
Z-4

(N) ANTENNA LAYOUT (E) LIGHT STANDARD "A"

SCALE: 3/4"=1'-0"

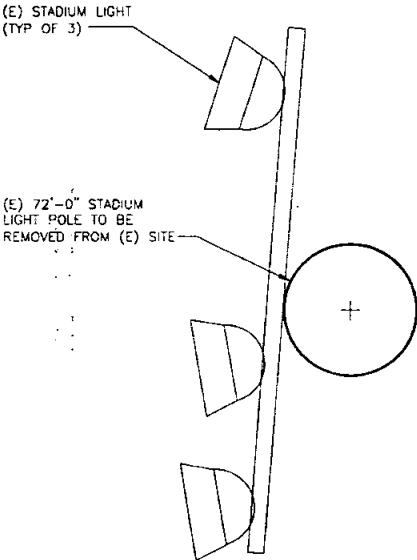
CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 238695

Approval Date: 4/26/12

Signed (1st Sheet): SP



(E) 70'-0" STADIUM LIGHT POLE

SCALE: 3/4"=1'-0"

NOTE:
THE PROPOSED ANTENNAS AND RADOMES SHALL BE PAINTED TO MATCH THE EXISTING/REPLACEMENT LIGHT STANDARDS.



5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121



BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

DRAWN BY: AW

CHECKED BY: VLH

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ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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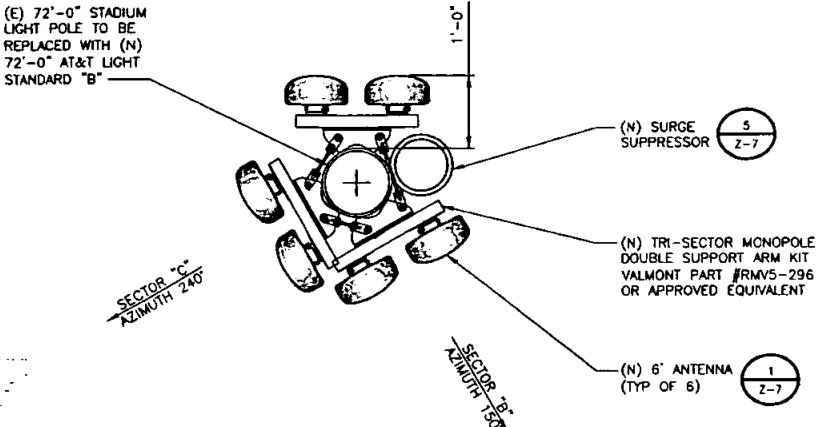
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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

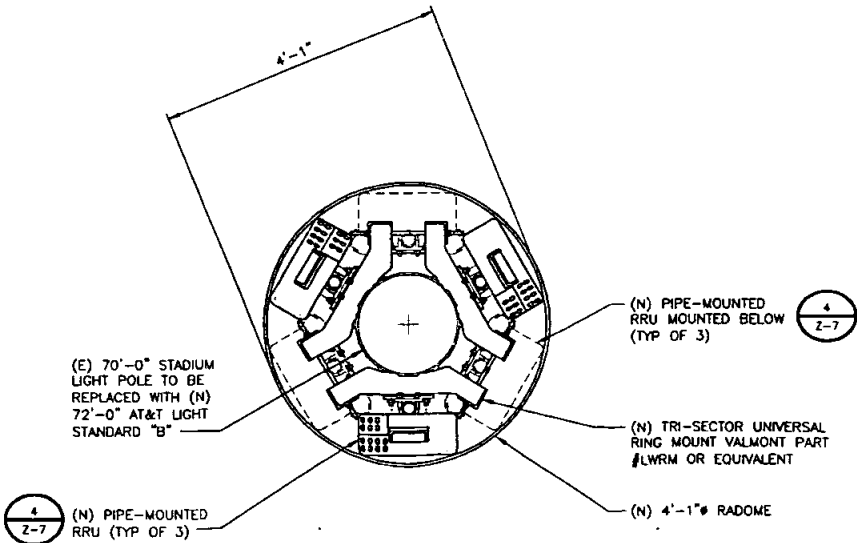
SHEET TITLE
ANTENNA LAYOUT
(LIGHT STANDARD "B")

SHEET NUMBER

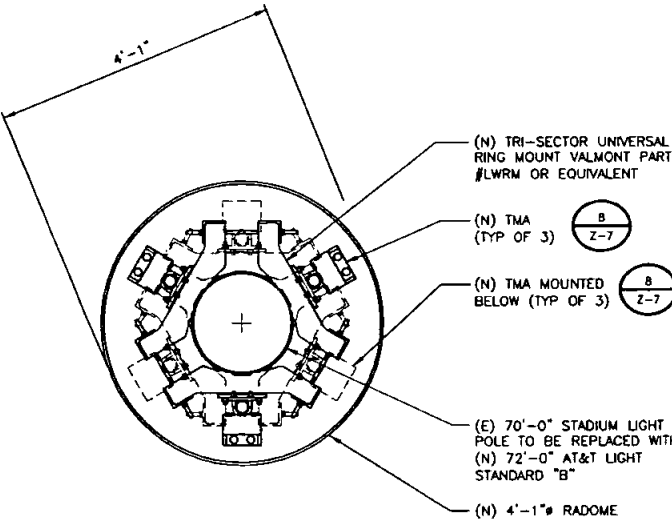
Z-4.1



(N) ANTENNA LAYOUT



(N) RRU LAYOUT



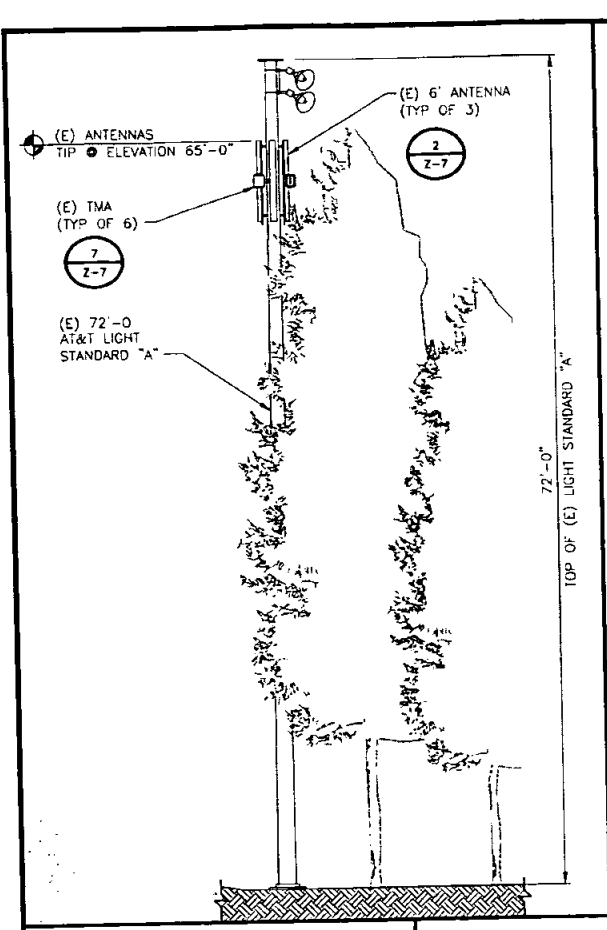
(N) TMA LAYOUT



(N) ANTENNA LAYOUT (N) LIGHT STANDARD "B"

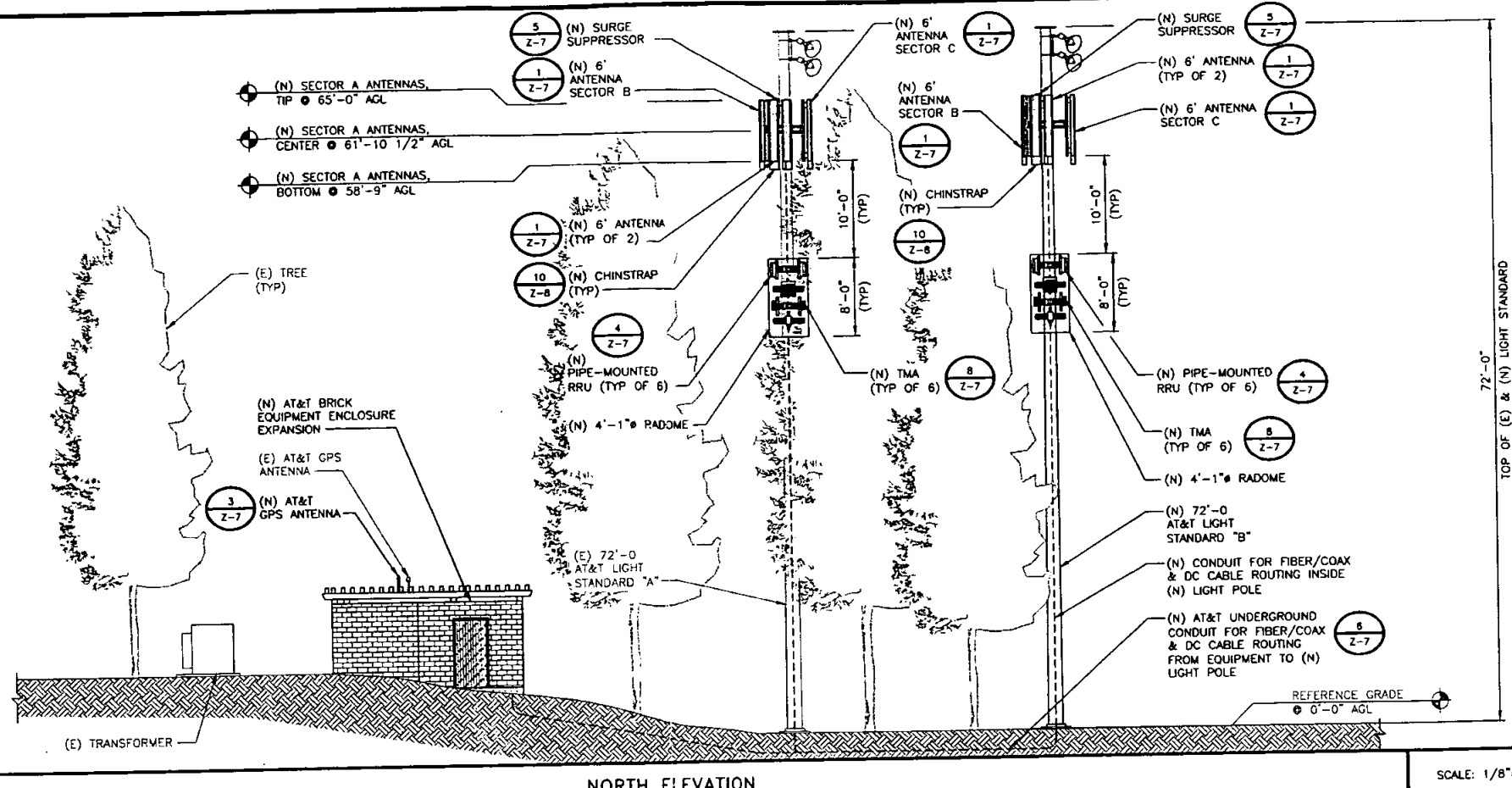
SCALE: 3/4"=1'-0"

ORIGINAL



(E) NORTH ELEVATION

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



NORTH ELEVATION

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

A

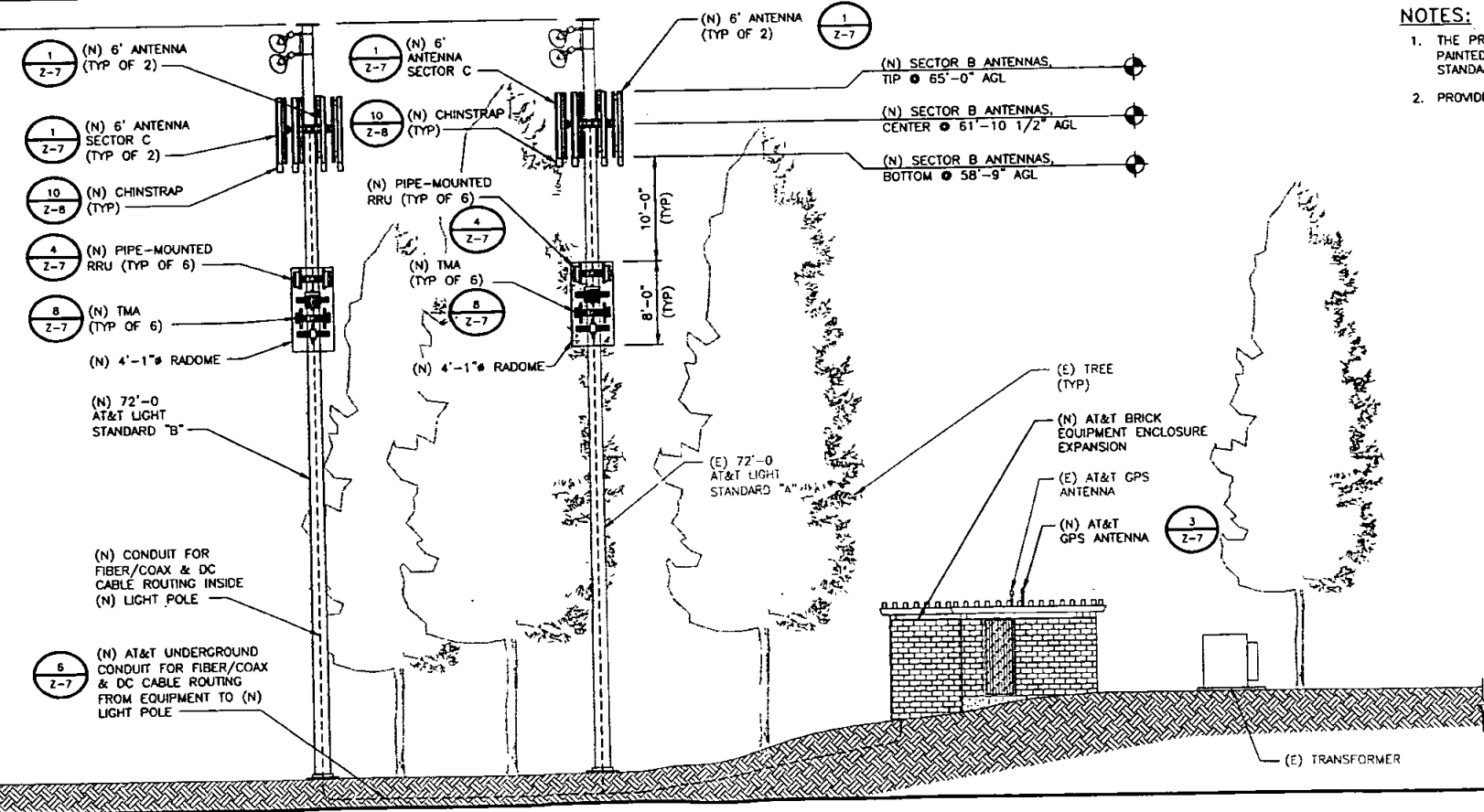
NOTES:

1. THE PROPOSED ANTENNAS AND RADOMES SHALL BE PAINTED TO MATCH THE EXISTING/REPLACEMENT LIGHT STANDARDS.
2. PROVIDE CHINSTRAPS FOR ALL TWELVE ANTENNAS.

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 228695
Approval Date: 4/26/12
Signed (1st Sheet): [Signature]



SOUTH ELEVATION

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

B

5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO:	168151
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CHECKED BY:	VLH

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ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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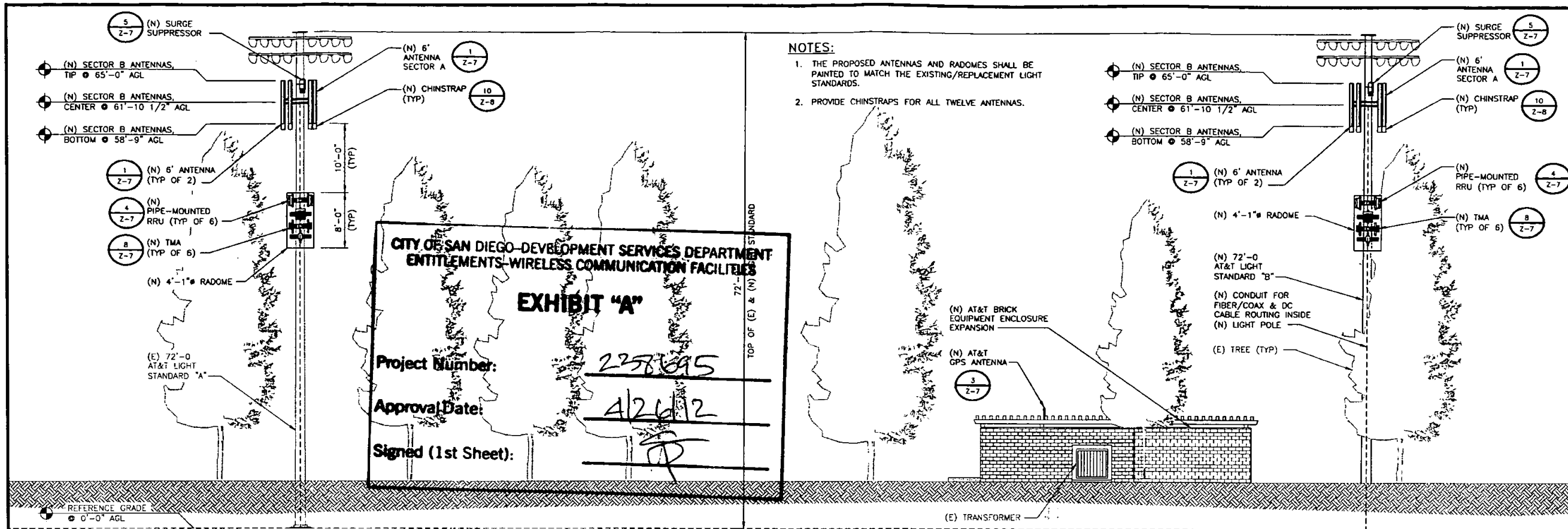
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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
SITE ELEVATION

SHEET NUMBER
Z-5

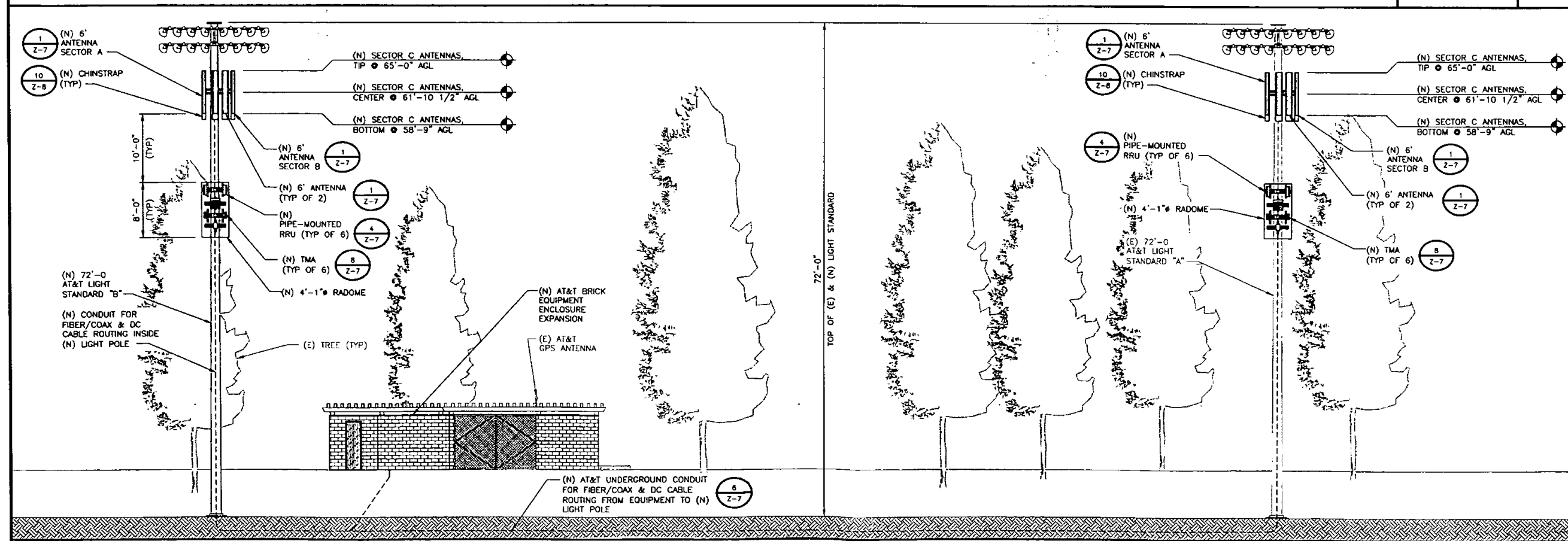
ORIGINAL



EAST ELEVATION

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

C



WEST ELEVATION

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

D

at&t

5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151
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ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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SD0058
RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

SHEET TITLE
SITE ELEVATION

SHEET NUMBER
Z-6

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT

ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 232645

Approval Date: 4/26/12

Signed (1st Sheet):

(N) ANTENNA SPECIFICATIONS

NO SCALE

1

DIMENSIONS, WxDxH: 43x184x452mm (17"x7 1/2"x17.8")

POWER CONSUMPTION: 200 WATTS

TOTAL WEIGHT: 55 lbs

TEMPERATURE: -40° TO 55° C

RRU SPECIFICATIONS

NO SCALE

4

BANDWIDTH: 25 • 800MHz, 60 • 1900MHz

WEIGHT: 13.5kg (30lbs)

RF CONNECTORS: DIN 7/16 FEMALE

(E) ANTENNA SPECIFICATIONS

NO SCALE

2

DIMENSIONS, HxWxD: 2033x280x125mm (6'-8"x11"x5")

WEIGHT, WITH PRE-MOUNTED BRACKETS: 44 lbs

WIND LOAD, FRONTAL/LATERAL/REAR SIDE 95 mph, Cd=1: 147 lbs

CONNECTOR: 7/16 DIN FEMALE

(N) DC SURGE SUPPRESSOR DETAIL

NO SCALE

5

BANDWIDTH: 1710-1770 MHz WITH 698-746 BYPASS

WEIGHT: 8kg (18lbs)

RF CONNECTORS: DIN 7/16 FEMALE

GAIN: 13 dB

MOUNTING KIT FOR POLE AND WALL IS INCLUDED

(E) TMA

NO SCALE

7

BANDWIDTH: 25 • 800MHz, 60 • 1900MHz

WEIGHT: 13.5kg (30lbs)

RF CONNECTORS: DIN 7/16 FEMALE

(N) ANTENNA SPECIFICATIONS

NO SCALE

1

DIMENSIONS, WxDxH: 280x610mm (11"x24")

NOMINAL OPERATING VOLTAGE: 48 VDC

NOMINAL DISCHARGE CURRENT: 20 kA 8/20µs

MAXIMUM DISCHARGE CURRENT: 60 kA 8/20µs

MAXIMUM CONTINUOUS OPERATING VOLTAGE: 75 VDC

VOLTAGE PROTECTION RATING: 400 V

WIND LOADING: 150 MPH (SUSTAINED) 195 MPH (GUST)

TOTAL WEIGHT: 32.8 lbs

(N) TMA

NO SCALE

8

BANDWIDTH: 1710-1770 MHz WITH 698-746 BYPASS

WEIGHT: 8kg (18lbs)

RF CONNECTORS: DIN 7/16 FEMALE

GAIN: 13 dB

MOUNTING KIT FOR POLE AND WALL IS INCLUDED

GPS ANTENNA ENCLOSURE MOUNT

NO SCALE

3

FASTENER NOTE:

- 1/4"x3" LAG SCREW • WOOD SUPPORTS
- #12x3" SCREWS • SHEET METAL SUPPORTS
- 3/8" HILTI KWIK BOLT KB3 W/2 1/2" MIN EMBEDMENT • CONCRETE OR SOLID GROUTED CMU WALL
- 5/8" THREADED ROD W/ HILTI HY20 EPOXY W/6" MIN EMBEDMENT • HOLLOW CMU WALL

UNDERGROUND TRENCHING DETAIL

NO SCALE

6

1. ALL UNDERGROUND CONDUITS SHALL BE SCH 40 PVC, EXCEPT THAT ELBOWS AND RISERS SHALL BE RMC ALL UNDERGROUND ELBOWS SHALL BE SWEEPING BENDS. 2'-0" MINIMUM SHALL BE REQUIRED.

2. THE TELEPHONE SERVICE CABLES SHOULD BE INSTALLED IN RIGID METAL CONDUIT, (10'-0") TEN FEET IN LENGTH BEFORE ENTERING A SHELTER OR BUILDING PER AT&T STANDARD NO-00071.

3. TWO CONDUITS ARE SHOWN IN DETAIL 6, ALTHOUGH MULTIPLE CONDUITS CAN BE PLACED IN THE SAME TRENCH. A MINIMUM SEPARATION IS REQUIRED PER THE LOCAL JURISDICTIONS AND UTILITY COMPANIES. IN ALL OTHER CASES, USE THE CONDUIT SPACING SCHEDULE TO MAINTAINED MINIMUM SPACING BETWEEN THE EXTERIOR WALL TO EXTERIOR WALL SEPARATION OF CONDUITS.

4. SUBCONTRACTOR SHALL RESTORE THE TRENCH TO ITS ORIGINAL CONDITIONS BY EITHER SEEDING OR SODDING GRASS AREAS, OR REPLACING ASPHALT OR CONCRETE AREAS TO ITS ORIGINAL CROSS SECTION.

5. TRENCHING SAFETY, INCLUDING, BUT NOT LIMITED TO SOIL CLASSIFICATION, SLOPING, AND SHORING, SHALL BE COVERED BY THE CURRENT OSHA TRENCHING AND EXCAVATION SAFETY STANDARDS.

CONDUIT SPACING SCHEDULE

CONDUIT #1	MINIMUM CONDUIT SEPARATION	CONDUIT #2
POWER	* = 6 INCHES	POWER
POWER	* = 12 INCHES	TELCO, COMMUNICATIONS & CONTROL CIRCUITS
TELCO, COMMUNICATIONS & CONTROL CIRCUITS	* = 6 INCHES	TELCO, COMMUNICATIONS & CONTROL CIRCUITS

TRENCHING NOTES

NO SCALE

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RRU SPECIFICATIONS

NO SCALE

4

BANDWIDTH: 25 • 800MHz, 60 • 1900MHz

WEIGHT: 13.5kg (30lbs)

RF CONNECTORS: DIN 7/16 FEMALE

(N) DC SURGE SUPPRESSOR DETAIL

NO SCALE

5

BANDWIDTH: 1710-1770 MHz WITH 698-746 BYPASS

WEIGHT: 8kg (18lbs)

RF CONNECTORS: DIN 7/16 FEMALE

GAIN: 13 dB

MOUNTING KIT FOR POLE AND WALL IS INCLUDED

GPS ANTENNA ENCLOSURE MOUNT

NO SCALE

3

FASTENER NOTE:

- 1/4"x3" LAG SCREW • WOOD SUPPORTS
- #12x3" SCREWS • SHEET METAL SUPPORTS
- 3/8" HILTI KWIK BOLT KB3 W/2 1/2" MIN EMBEDMENT • CONCRETE OR SOLID GROUTED CMU WALL
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at&t

5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

BLACK & VEATCH

10950 GRANDVIEW DRIVE
OVERLAND PARK, KANSAS 66210
(913) 458-2000

PROJECT NO: 168151

DRAWN BY: AW

CHECKED BY: VLH

REV	DATE	DESCRIPTION
G	11/07/11	ISSUED FOR ZONING
F	08/15/11	ISSUED FOR ZONING
E	04/27/11	ISSUED FOR ZONING
D	04/19/11	ISSUED FOR ZONING
C	04/07/11	ISSUED FOR REVIEW (ZONING)
B	12/09/10	EXTEND LEASE AREA
A	11/16/10	ISSUED FOR ZONING

ENGINEER OF RECORD

PATRICK DOYLE
CA NO. 74199
BLACK & VEATCH
10950 GRANDVIEW DR.
OVERLAND PARK, KS 66210
(913) 458-2000

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.

SD0058

RANCHO BERNARDO COMMUNITY PARK
18448 W. BERNARDO DRIVE
SAN DIEGO, CA 92127
ZONING

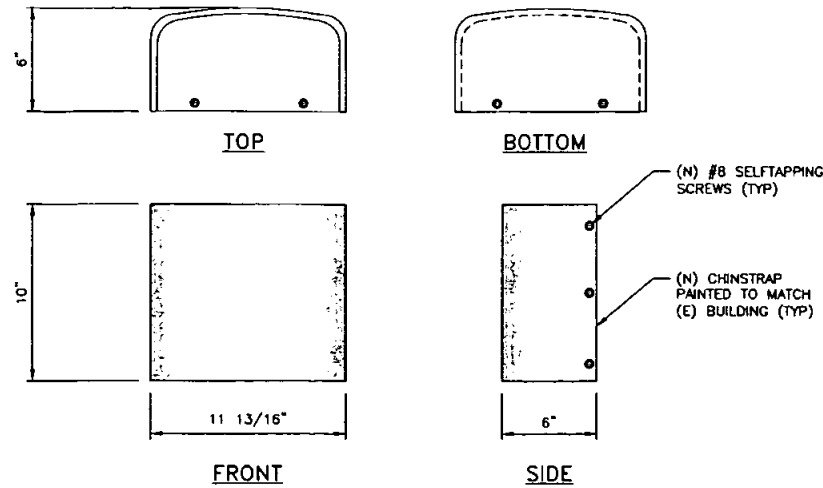
SHEET TITLE

SITE DETAILS

SHEET NUMBER

Z-7

12-9-12



CHINSTRAP DETAIL NO SCALE 10

NOT USED NO SCALE 11

NOT USED NO SCALE 12

NOT USED NO SCALE 13

NOT USED NO SCALE 14

NOT USED NO SCALE 15

NOT USED NO SCALE 16

NOT USED NO SCALE 17

NOT USED NO SCALE 18

CITY OF SAN DIEGO-DEVELOPMENT SERVICES DEPARTMENT
ENTITLEMENTS-WIRELESS COMMUNICATION FACILITIES

EXHIBIT "A"

Project Number: 238695

Approval Date: 4/26/12

Signed (1st Sheet): [Signature]

5738 PACIFIC CENTER BLVD
SAN DIEGO, CA 92121

10950 GRANDVIEW DRIVE
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SHEET TITLE
SITE DETAILS

SHEET NUMBER
Z-8