ELEVATION CERTIFICATE[1]
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY

ATTENTION: This form is used only to provide elevation information necessary to ensure compliance with applicable National Flood Insurance Program Regulation, Orange County floodplain management ordinances and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). It does not provide a waiver of the flood insurance purchase requirement.

SECTION A PROPERTY INFORMATION

BUILDING OWNER'S NAME: AirTouch Cellular SITE DEVELOPMENT PERMIT NO: ~~NR950024~~ PA940171

STREET ADDRESS (or P.O. Route and Box Number) 3171 Old Irvine Blvd.

OTHER DESCRIPTION (Lot and Block Numbers, etc.) IRS65-325 AP#10436027

CITY Irvine STATE CA ZIP CODE 92720

SECTION B: FEMA FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following information from the appropriate FIRM

1.Community Number 060212 ✓ 2. Panel Number 0039 3. Suffix E

4. Effective Date 9/15/95 5. FIRM Zone A 6. Base Flood Elevation _____
(Use depth in AO Zones)

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations(BFE):
X National Geodetic Vertical Datum of 1929 (NGVD '29)
_____ Other (attach a description)

8. For Zones A or V, where no BFE is provided on the FIRM, and the County of Orange has established a BFE for this building site, indicate the County's BFE: 130 .0 feet NGVD (or other FIRM datum- see Section B, Item 7).

SECTION C: BUILDING ELEVATION INFORMATION

1. Using pages 3 and 4, indicate the diagram number that best describes the subject building's reference level 1.
2. a) FIRM Zones A1-A30, AE,AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 131 .0 feet NGVD (or other FIRM datum-see Section B, Item 7)
   b) FIRM Zones V1-V30,VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of _____.__ feet NGVD (or other FIRM datum-see Section B, Item 7).
   c) FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is _____.__ feet above __or below__ (check one) the highest grade adjacent to the building.
   d) FIRM Zone AO. The floor used as the reference level from the selected diagram is _____.__ feet above __ or below __ (check one) the highest grade adjacent to the building.
3. Indicate the elevation datum system used in determining the above reference level elevations:
   X NGVD '29 ___ Other. (NOTE: If the elevation datum used in measuring the elevations is different from that used on the FIRM (see Section B, Item 7), then convert the elevations to the datum system used on the FIRM and attach the conversion equation .)
4. Elevation reference mark used appears on FIRM: ___ Yes ___ No BM 3E-79-71
5. The elevation of the lowest grade immediately adjacent to the building is 128 .0 feet NGVD

1 This form is modified from Federal Emergency Management Agency's Form 81-31, May 90.)
FEMA's zones A, A1 to A30, AE, AH and AO correspond to County's Zones FP-1 and FP-2.
FEMA's zones V, VE and V1 to V30 correspond to County's zone FP-3.

F0250-813 (10/91) CRS

SECTION D: PRECONSTRUCTION CERTIFICATION

I certify that the information on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CIVIL ENGINEER'S NAME STEPHEN B. PETER LICENSE NUMBER 38643

TITLE PRESIDENT COMPANY NAME PETER & ASSOC.

ADDRESS 1519 CALLE VALLE CITY SAN CLEMENTE STATE CA ZIP 92672

SIGNATURE [signature] DATE 10-3-95 PHONE (714) 492-3735

REGISTERED PROFESSIONAL ENGINEER STEPHEN B. PETER Exp. 3/97 No. 38623 CIVIL STATE OF CALIFORNIA

SECTION E: POST-CONSTRUCTION CERTIFICATION

I certify that the information on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under U.S. Code, Section 1001.

CIVIL ENGINEER'S NAME Stephen B. Peter LICENSE NUMBER 38643

TITLE President COMPANY NAME Peter & Assoc.

ADDRESS 1519 Calle Valle CITY San Clemente STATE CA ZIP 92672

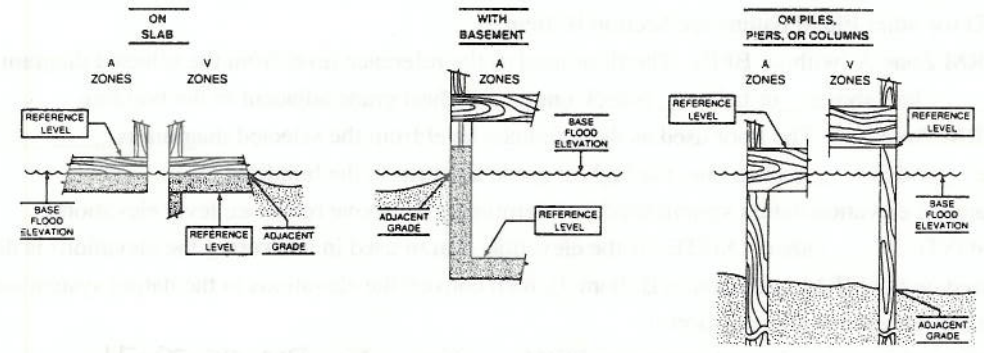
SIGNATURE [signature] DATE 11-16-95 PHONE (714) 492-3735

REGISTERED PROFESSIONAL ENGINEER STEPHEN B. PETER Exp 3/97 No. 38623 CIVIL STATE OF CALIFORNIA

BOXES ARE FOR USE BY ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY ONLY

This Certificate is Required for all buildings Located within Flood Plain Zones FP-1, FP-2 and FP-3.

Current Planning Division-Public Counter Section A has been completed by applicant. [signature] 10/4/95 Signature and Date	**Development Services Division - Building Plan Check** Section C has been completed by applicant. [signature] 10-12-95	**Building Inspection Division** forwards completed form to Flood Program Division. Section E has been completed by applicant prior to issuance of Certification of Use and Occupancy [signature] 11-16-95 Signature and Date
Current Planning Division-Site Planning Sections A to D have been completed by applicant prior to issuance of Site Development Permit. [signature] 10/4/95 Signature and Date	**Subdivion Division for FP-1 and FP-2 Development Services Division-Grading** for FP-3 Sections B to D have been completed by applicant. Robert Young 10/4/95 Signature and Date	



The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones.

Elevations for all A Zones should be measured at the top of the reference level floor.

Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.

INSTRUCTIONS

The following 8 diagrams contain descriptions of various types of buildings. Compare the features of your building with those shown in the diagrams and select the diagram most applicable. Indicate the diagram number in Section C, Item 1 and complete the Certificate. The reference level floor is that level of the building used for underwriting purposes.

NOTE: In all A Zones, the reference level is the top of the lowest floor; in V Zones the reference level is the bottom of the lowest horizontal structural member (see diagram on page 2). Agents should refer to the Flood Insurance Manual for instruction on lowest floor definition.

DIAGRAM NUMBER 1

ALL SINGLE AND MULTIPLE FLOOR BUILDINGS (OTHER THAN SPLIT LEVEL), INCLUDING MANUFACTURED (MOBILE) HOUSING AND HIGH RISE BUILDINGS, EITHER DETACHED OR ROW TYPE (E.G., TOWNHOUSE, ETC.); WITH OR WITHOUT ATTACHED GARAGE.

Distinguishing Feature - The first floor is *not* below ground level (grade) on *all* sides*. This includes "walkout" basements, where at least one side is at or above grade. (Not illustrated)

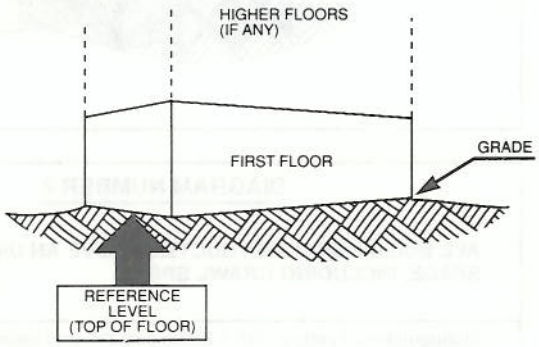


DIAGRAM NUMBER 2

ALL SINGLE AND MULTIPLE FLOOR BUILDINGS (OTHER THAN SPLIT LEVEL), INCLUDING MANUFACTURED (MOBILE) HOUSING AND HIGH RISE BUILDINGS, EITHER DETACHED OR ROW TYPE (E.G., TOWNHOUSES, ETC.); WITH OR WITHOUT ATTACHED GARAGE.

Distinguishing Feature - The first floor *or* basement (including an underground garage*) is below ground level (grade) on *all* sides*.

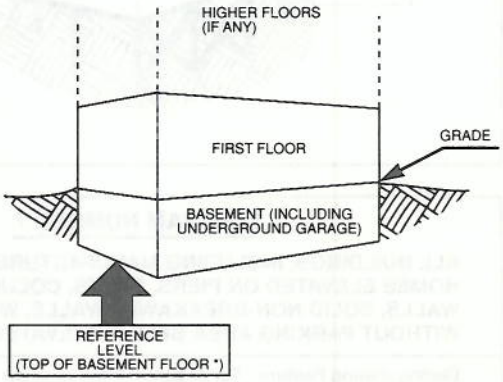


DIAGRAM NUMBER 3

ALL SPLIT LEVEL BUILDINGS, EITHER DETACHED OR ROW TYPE (E.G., TOWNHOUSES, ETC.); WITH OR WITHOUT ATTACHED GARAGE.

Distinguishing Feature - The lower level is *not* below ground level (grade) on *all* sides*. This includes "walkout" basements, where at least one side is at or above grade.

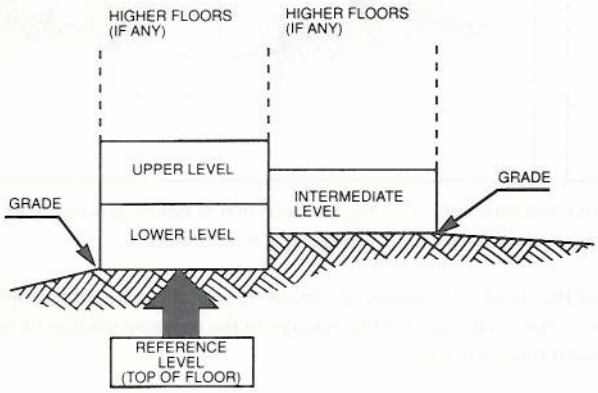
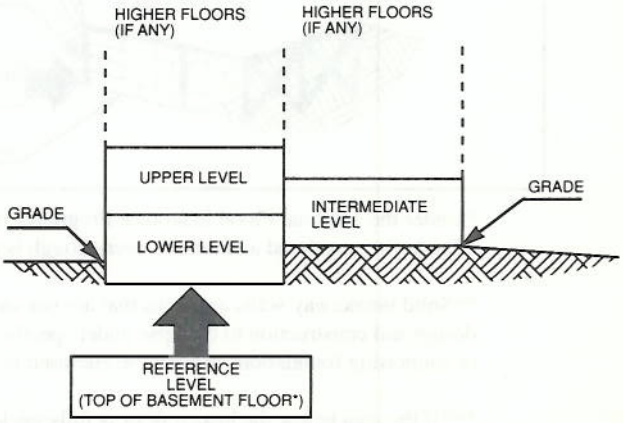


DIAGRAM NUMBER 4

ALL SPLIT LEVEL BUILDINGS, EITHER DETACHED OR ROW TYPE (E.G., TOWNHOUSES, ETC.); WITH OR WITHOUT ATTACHED GARAGE.

Distinguishing Feature - The lower level *(or* intermediate level) is below ground level (grade) on *all* sides*.



*Under the National Flood Insurance Program's risk classification and insurance coverage, a floor that is below ground level (grade) on all sides is considered a basement even though the floor is used for living purposes, or as an office, garage, workshop, etc.

F0250-813 (10/91) CRS

Note: In all A Zones, the reference level is the top of the lowest floor; in V Zones the reference level is the bottom of the lowest horizontal structural member (see diagram on page 2). Agents should refer to the Flood Insurance Manual for instruction on lowest floor definition.

DIAGRAM NUMBER 5

ALL BUILDINGS, INCLUDING MANUFACTURED (MOBILE) HOMES ELEVATED ON PIERS, POSTS, COLUMNS, SHEAR WALLS, WITH OR WITHOUT PARKING AREA BELOW ELEVATED FLOOR.

Distinguishing Feature - For all zones, the area below the elevated floor is open, with no obstruction to the flow of flood waters (open wood lattice work or readily removable insect screening is permissible).

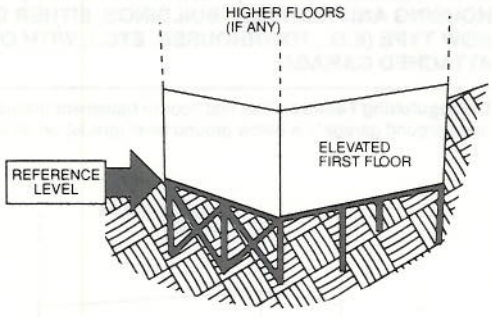


DIAGRAM NUMBER 6

ALL BUILDINGS, INCLUDING MANUFACTURED (MOBILE) HOMES ELEVATED ON PIERS, POSTS, COLUMNS, SHEAR WALLS, WITH OR WITHOUT PARKING AREA BELOW ELEVATED FLOOR.

Distinguishing Feature - For V Zones only, the area below the elevated floor is enclosed, either partially or fully, by solid breakaway walls.** When enclosed area is greater than 300 square feet or contains equipment servicing the building, use Diagram Number 7; this will result in a higher insurance rate. The enclosed area can be used for parking, building access or limited storage.

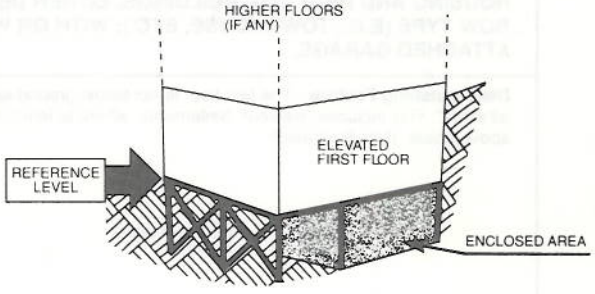


DIAGRAM NUMBER 7

ALL BUILDINGS, INCLUDING MANUFACTURED (MOBILE) HOMES ELEVATED ON PIERS, POSTS, COLUMNS, SHEAR WALLS, SOLID NON-BREAKAWAY WALLS, WITH OR WITHOUT PARKING AREA BELOW ELEVATED FLOOR.

Distinguishing Feature - For all zones, the area below the elevated floor is enclosed, either partially or fully, by solid non-breakaway walls, or contains equipment servicing the building. For V Zones only, the area is enclosed, either partially or fully, by solid breakaway walls** having an enclosed area greater than 300 square feet. For A Zones only, with an area enclosed by solid walls having proper openings,*** and used only for parking, building access, or limited storage, use Diagram Number 8 to determine the reference level.

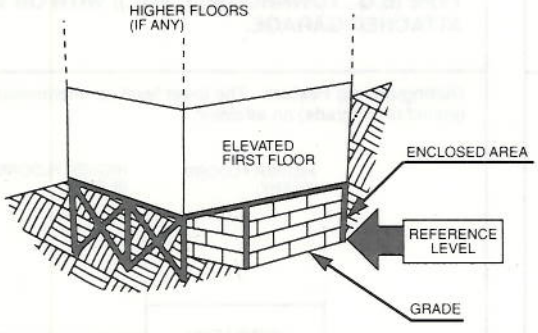
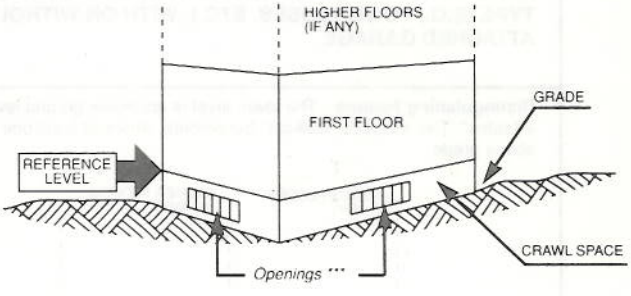


DIAGRAM NUMBER 8

ALL BUILDINGS CONSTRUCTED ABOVE AN UNFINISHED SPACE, INCLUDING CRAWL SPACE.

Distinguishing Feature - For A Zones only, the area below the first floor is enclosed by solid or partial perimeter walls, is unfinished, and contains no equipment servicing the structure. The area can be used for parking, building access, or limited storage.



*Under the National Flood Insurance Program's risk classification and insurance coverage, a floor that is below ground level (grade) on all sides is considered a basement even though is used for living purposes, or as an office, garage, workshop, etc.

**Solid breakaway walls are walls that are not an integral part of the structural support of a building and are intended through their design and construction to collapse under specific lateral loading forces, without causing damage to the elevated portion of the building or supporting foundation. An area so enclosed is not secure against forceable entry.

***If the area below the lowest floor is fully enclosed, FEMA requires a minimum of two openings with a total net area of at least one square inch for every square foot of area enclosed with the bottom of the openings no more than one foot above grade. Alternatively, certification may be provided by a registered professional engineer that the design will allow equalization of hydrostatic flood forces on exterior walls. If neither of these criteria are met, then the reference level is the lowest grade adjacent to the structure.

Robert Bein, William Frost & Associates

PROFESSIONAL ENGINEERS, PLANNERS & SURVEYORS

September 28, 1995

JN 31534

Mr. Robert Taylor
JM Consulting Group, Inc.
3820 State Street
Santa Barbara, CA 93105

Subject: Air Touch Cellular Greenway Cell Site - Floodplain Water Surface Elevations

Dear Mr. Taylor:

In response to your September 20 memo (attached), and based on the site location provided with that memo, RBF has identified the water surface elevation that the subject site would experience during the 100-year flood under existing conditions. The water surface elevation is projected to be in the vicinity where the cell site is proposed. It is this water surface elevation of 130.0 that should be utilized in determining the appropriate pad elevation to assure flood protection.

This water surface information is based on the U.S. Army Corps of Engineers HEC-2 water surface profile computer model for natural conditions that was prepared as part of the Conditional Letter of Map Revisions (CLOMR) Application for the Peter's Canyon Channel initially submitted to Orange County EMA in July of 1995 and resubmitted September 22, 1995.

Should you have any questions or require further information, please call.

Sincerely,

Mike Erickson
Associate
Land Development/Transportation

cc: Mike Padian, TIC
Bob Santos, TIC

ME/cjo:airtouch

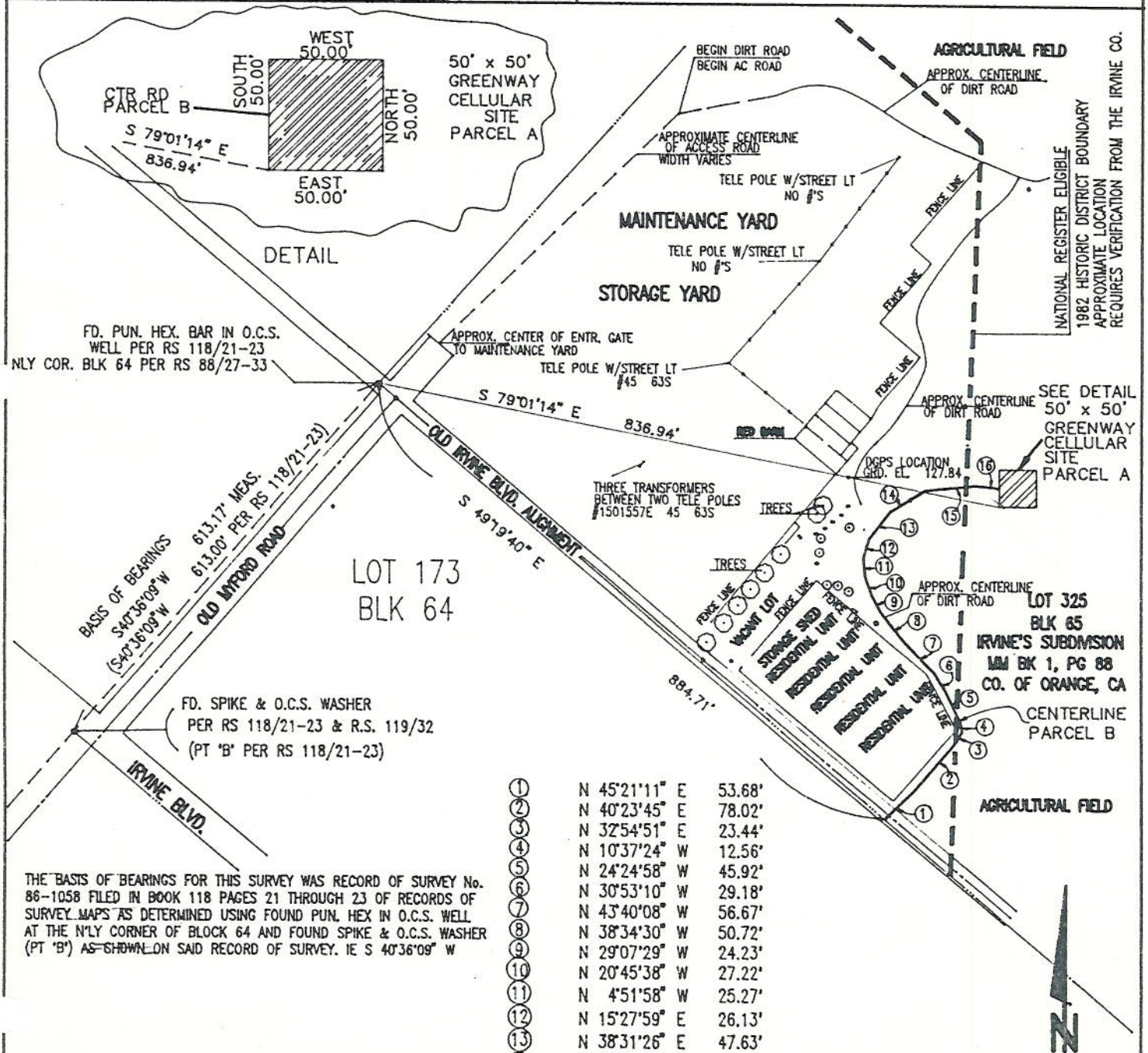
GOLD COAST SURVEYING, INC.
110 ESCONDIDO AVENUE SUITE #208
VISTA, CA 92084 (619)758-7732
JN 95028LEG1 6/20/95

LICENSED LAND SURVEYOR
PATRICIA A. PIKE
No. LS 5170
Exp. 6/30/99
STATE OF CALIFORNIA

Patricia A Pike
P. A. PIKE, PLS 5170

JM CONSUTLING GROUP, INC
3820 STATE STREET, SUITE 200
SANTA BARBARA, CA 93105

AirTouch Cellular Site GREENWAY
OLD IRVINE BLVD,
COUNTY OF ORANGE, CA



THE BASIS OF BEARINGS FOR THIS SURVEY WAS RECORD OF SURVEY No. 86-1058 FILED IN BOOK 118 PAGES 21 THROUGH 23 OF RECORDS OF SURVEY MAPS AS DETERMINED USING FOUND PUN. HEX IN O.C.S. WELL AT THE N'LY CORNER OF BLOCK 64 AND FOUND SPIKE & O.C.S. WASHER (PT 'B') AS SHOWN ON SAID RECORD OF SURVEY. IE S 40°36'09" W

1	N 45°21'11" E	53.68'
2	N 40°23'45" E	78.02'
3	N 32°54'51" E	23.44'
4	N 10°37'24" W	12.56'
5	N 24°24'58" W	45.92'
6	N 30°53'10" W	29.18'
7	N 43°40'08" W	56.67'
8	N 38°34'30" W	50.72'
9	N 29°07'29" W	24.23'
10	N 20°45'38" W	27.22'
11	N 4°51'58" W	25.27'
12	N 15°27'59" E	26.13'
13	N 38°31'26" E	47.63'
14	N 58°38'31" E	52.94'
15	N 84°12'12" E	65.85'
16	S 84°50'39" E	32.51'

SCALE 1 = 200'