



**APPENDIX 5.9-4**

**Land Title Survey**

**SURVEYOR'S NOTES**

- COORDINATES, DISTANCES, AND BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM (CCS83) ZONE 5 GRID, NAD83(2011) EPOCH 2010.00, DEFINED LOCALLY BY THREE AIRPORT CONTROL STATIONS:  
 PACS "ONT 4100N 2000W RESET" (GUIDA CONTROL POINT 113)  
 SACS "ONT H" (GUIDA CONTROL POINT 114)  
 SACS "ONT J" (GUIDA CONTROL POINT 115)  
 THE LATITUDE, LONGITUDE, AND ELLIPSOID HEIGHTS OF WHICH WERE HELD FIXED IN A LEAST SQUARES ADJUSTMENT. DISTANCES AND COORDINATES ARE EXPRESSED IN U.S. SURVEY FEET. ALL MEASURED DISTANCES PER THIS SURVEY ARE GRID.  
 PACS "ONT 4100N 2000W RESET" (GUIDA CONTROL POINT 113)  
 SACS "ONT H" (GUIDA CONTROL POINT 114)  
 SACS "ONT J" (GUIDA CONTROL POINT 115)  
 THE ELLIPSOID HEIGHTS OF WHICH WERE HELD FIXED IN A LEAST SQUARES ADJUSTMENT. NAVD88 ELEVATIONS ON ALL CONTROL POINTS AND FOUND MONUMENTS HAVE BEEN DETERMINED USING GEOD MODELING, INTERPOLATED FROM THE NGS GEOD18 MODEL. ELEVATIONS ARE EXPRESSED IN U.S. SURVEY FEET.
- THE SITE COMBINATION FACTOR IS 0.99995679 AND THE SITE MAPPING ANGLE IS 00°14'22.03", BOTH CALCULATED AT PACS "ONT 4100N" (GUIDA CONTROL POINT 113). TO OBTAIN GROUND LEVEL DISTANCES, MULTIPLY GRID DISTANCES BY 1.000043212 WHICH IS THE INVERSE OF THE PROJECT COMBINATION FACTOR. TO OBTAIN GEODETIC NORTH AZIMUTHS, ROTATE GRID AZIMUTHS COUNTERCLOCKWISE USING THE MAPPING ANGLE.
- COMBINED FACTORS ARE THE PRODUCT OF THE ELEVATION FACTOR TIMES THE CCS83 SCALE FACTOR. ELEVATION FACTORS WERE COMPUTED USING A VALUE OF 20,906,000 FEET AS THE RADIUS OF CURVATURE OF THE EARTH AND THE GEOD MODEL AT THE STATION. GEOD HEIGHTS HAVE BEEN INTERPOLATED FROM THE NGS GEOD18 GEOD MODEL.

**ALTA/NSPS LAND TITLE SURVEY NOTES**

- AERIAL PHOTOGRAPHY WAS OBTAINED ON OCTOBER 26, 2021 BY RJ LUNG ASSOCIATES, ANS WAS INTENDED FOR 20 SCALE MAPPING. IMAGERY WAS CONVERTED INTO A DIGITAL FORMAT AND CORRECTED FOR HORIZONTAL DISTORTION USING STANDARD PHOTOGRAMMETRIC METHODS. TOPOGRAPHIC MAPPING WAS COMPILED FROM AERIAL PHOTOGRAPHY USING STANDARD PHOTOGRAMMETRIC METHODS. GUIDA SURVEYING PERFORMED A FIELD SURVEY FOR ALTA PURPOSES AND TO SUPPLEMENT THE MAPPING IN OCTOBER AND NOVEMBER 2021.
  - THIS MAP WAS NOT PREPARED IN CONJUNCTION WITH A PRELIMINARY TITLE REPORT. THE LEGAL DESCRIPTION FOR THE SOUTH AIRPORT CARGO CENTER LEASE AREA DOES NOT APPEAR IN A RECORDED DOCUMENT.
- TABLE A OPTION 3 FLOOD ZONE**  
 THE SUBJECT LEASE AREA LIES PARTIALLY WITHIN ZONE "AO", SPECIAL FLOOD HAZARD AREA WITH DEPTH OF 1 FOOT. THE SUBJECT LEASE AREA LIES PARTIALLY WITHIN ZONE "A0", SPECIAL FLOOD HAZARD AREA WITH DEPTH OF 2 FEET. THE SUBJECT LEASE AREA LIES PARTIALLY WITHIN ZONE "X", 0.2% ANNUAL CHANGE FLOOD HAZARD.
- AS SHOWN ON THE FLOOD INSURANCE RATE MAP (F.I.R.M.) FOR THE COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, MAP NUMBER 06071C8636J, REVISED 02/18/2015, FEMA COMMUNITY NUMBER 060278 (CITY OF ONTARIO) AND PANEL NUMBER 8636J.

**TABLE A OPTION 4 LAND AREA**  
 LEASE AREA 113.59 ACRES

**BASIS OF BEARINGS**

BEARINGS SHOWN ON THIS MAP ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM (CCS83) ZONE 5 GRID, NAD83(2011) EPOCH 2010.00, DEFINED LOCALLY BY THREE AIRPORT CONTROL STATIONS:  
 PACS "ONT 4100N 2000W RESET" (GUIDA CONTROL POINT 113)  
 SACS "ONT H" (GUIDA CONTROL POINT 114)  
 SACS "ONT J" (GUIDA CONTROL POINT 115)  
 SEE SURVEYOR'S NOTES AND "TIES TO THE CALIFORNIA COORDINATE SYSTEM" DIAGRAM ON THIS SHEET.

**BASIS OF ELEVATIONS**

ELEVATIONS SHOWN ON THIS MAP ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) DEFINED LOCALLY BY THE ELLIPSOID HEIGHTS OF THREE AIRPORT CONTROL STATIONS:  
 PACS "ONT 4100N 2000W RESET" (GUIDA CONTROL POINT 113)  
 SACS "ONT H" (GUIDA CONTROL POINT 114)  
 SACS "ONT J" (GUIDA CONTROL POINT 115)  
 IN CONJUNCTION WITH GEOD HEIGHTS INTERPOLATED FROM THE NGS GEOD18 MODEL. SEE SURVEYOR'S NOTES AND "TIES TO THE CALIFORNIA COORDINATE SYSTEM" DIAGRAM ON THIS SHEET.

**ACCURACY STATEMENT**

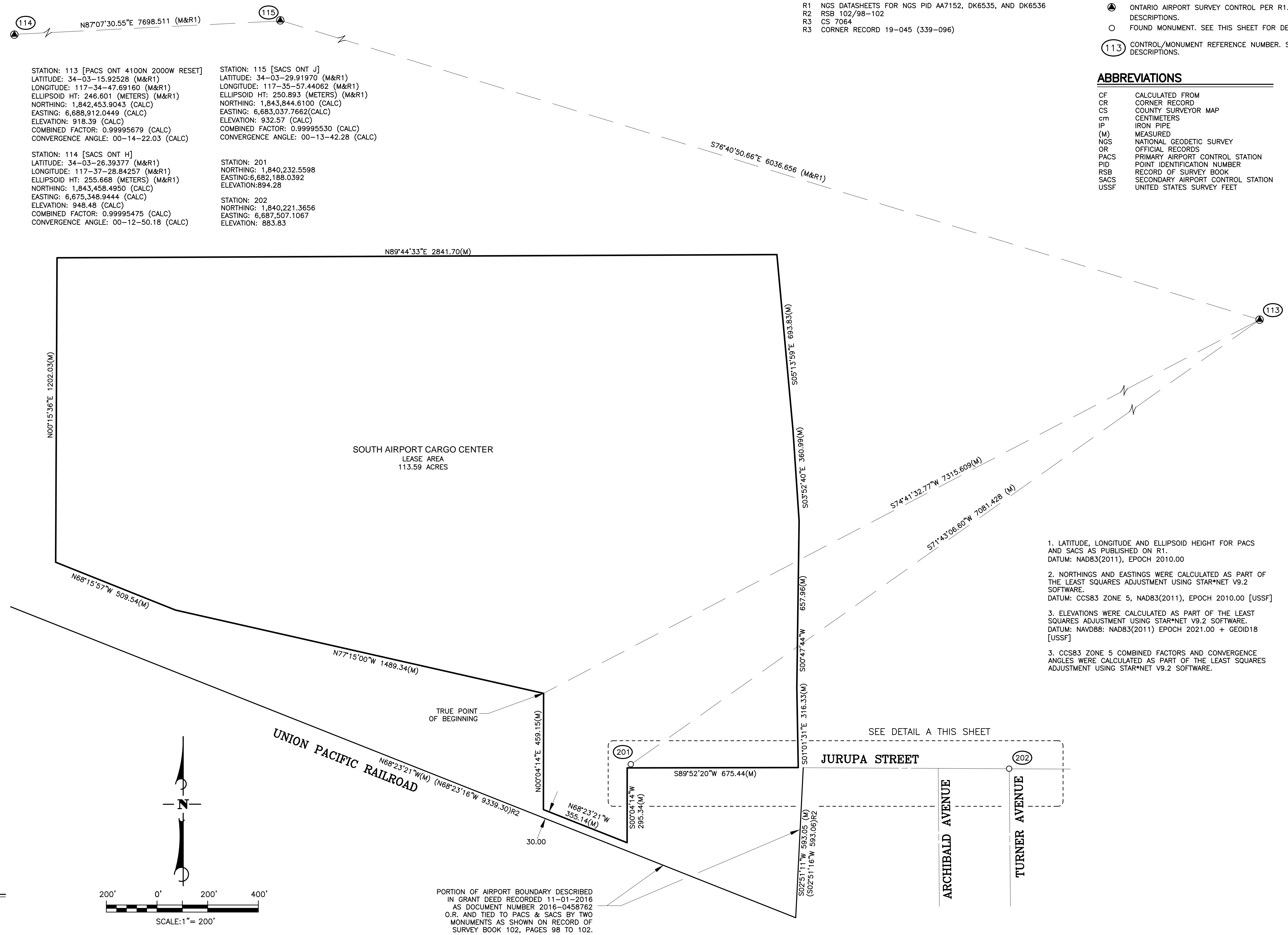
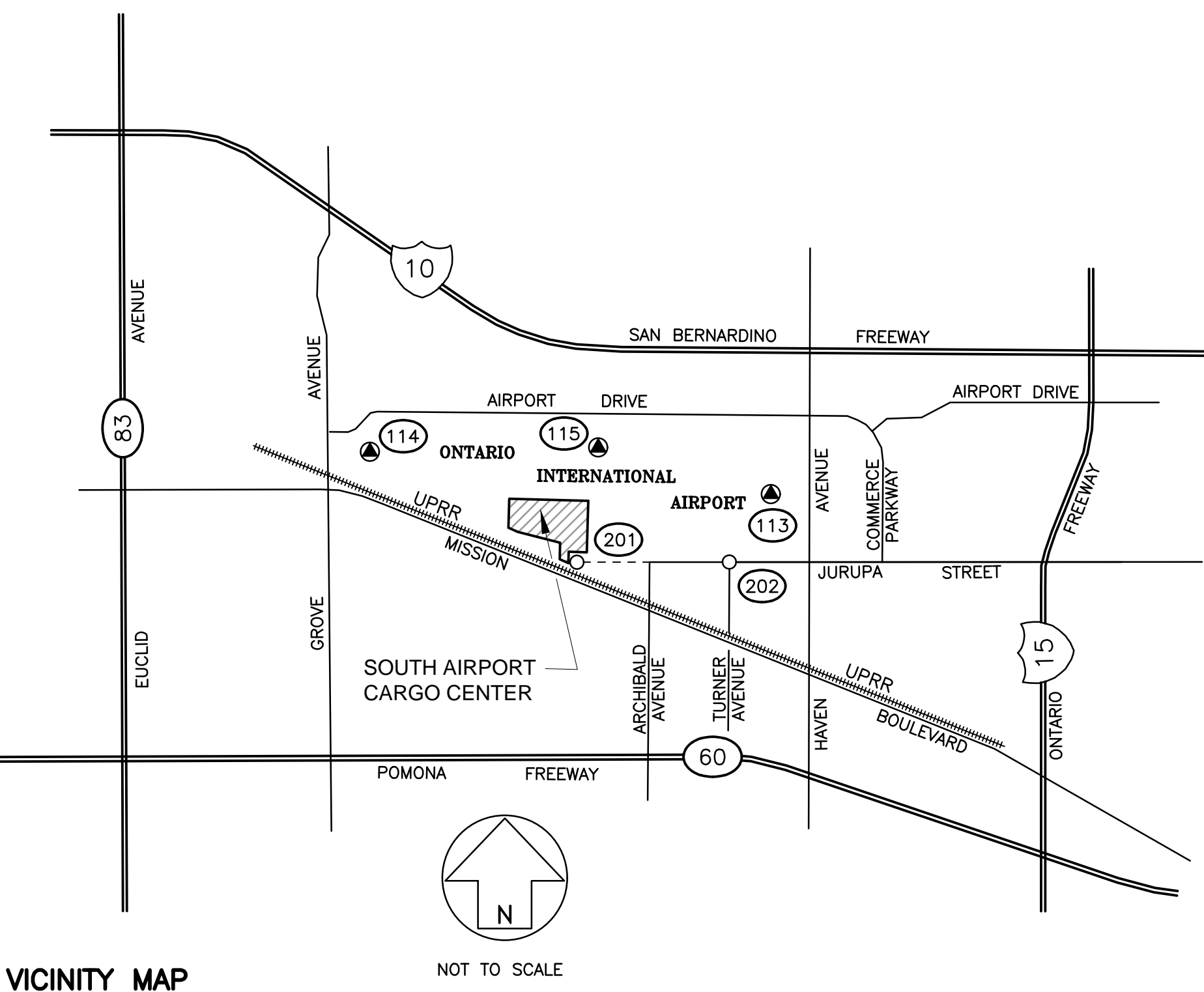
- THE SURVEY WAS PERFORMED ACCORDING TO THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS. THE CONTROL STATIONS TO WHICH THIS SURVEY IS REFERENCED MEET THE REQUIREMENTS STATED IN SECTION 8813.1 OF THE CALIFORNIA PUBLIC RESOURCES CODE.
- THE SURVEY WAS PERFORMED USING A COMBINATION OF STATIC GNSS EQUIPMENT AND METHODS (TRIMBLE R10), AND CONVENTIONAL TRAVERSE EQUIPMENT AND METHODS. OBSERVATION DATA WAS ADJUSTED BY THE LEAST SQUARES METHOD USING STAR\*NET V9.2 SOFTWARE. THE POSITIONS AND ELEVATIONS HELD FIXED IN THE FINAL CONSTRAINED ADJUSTMENT ARE AS LISTED IN THE SURVEYOR'S NOTES ON THIS SHEET.
- THE RESULTANT CCS83 ZONE 5 COORDINATES FOR FOUND MONUMENTS ACHIEVE A 2cm LOCAL ACCURACY AT THE 95% CONFIDENCE LEVEL. THE RESULTANT NAVD88 ELEVATIONS FOR FOUND MONUMENTS ACHIEVE A 2cm LOCAL ACCURACY AT THE 95% CONFIDENCE LEVEL.
- THE RELATIVE POSITIONS OF FOUND MONUMENTS FALL WITHIN THE MAXIMUM ALLOWABLE RELATIVE PRECISION SPECIFIED (0.07" + 50ppm) IN THE ALTA/NSPS MINIMUM STANDARD DETAIL REQUIREMENTS.

**CONTROL STATION DESCRIPTIONS**

- 113 PRIMARY AIRPORT CONTROL STATION (PACS) "ONT 4100N 2000W RESET", NATIONAL GEODETIC SURVEY PID "AA7152"
- 114 SECONDARY AIRPORT CONTROL STATION (SACS) "ONT H", NATIONAL GEODETIC SURVEY PID "DK6535"
- 115 SECONDARY AIRPORT CONTROL STATION (SACS) "ONT J", NATIONAL GEODETIC SURVEY PID "DK6536"

**MONUMENT DESCRIPTIONS**

- 201 FOUND 3" BRASS DISK, CENTER PUNCHED, AND STAMPED "CITY OF LOS ANGELES, SURVEY DIVISION, T15 R7W & S27 S34 1968" PER R2 AND R3.
- 202 FOUND 2" BRASS DISK, CENTER PUNCHED, AND STAMPED "LS 8231" IN MONUMENT WELL, AT THE INTERSECTION OF JURUPA STREET AND TURNER AVENUE, PER R4. SEE ALSO CR 14-0286 (313-066) AND PWB 239/91-94.



**LEASE BOUNDARY AND TIES TO AIRPORT CONTROL STATIONS**

**LEGAL DESCRIPTION**

THAT PORTION OF THE LAND GRANTED TO THE ONTARIO INTERNATIONAL AIRPORT AUTHORITY, IN THE CITY OF ONTARIO, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA, IN THE GRANT DEED RECORDED NOVEMBER 11, 2016 AS DOCUMENT NUMBER 2016-0458762 OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:  
 COMMENCING AT SECONDARY AIRPORT CONTROL STATION (SACS) "ONT J", NATIONAL GEODETIC SURVEY PID "DK6536", WITH A CCS83, ZONE 5, NAD83(2011) EPOCH 2010.00 POSITION OF 1,843,844.6097 FEET NORTH AND 6,683,037.7660 FEET EAST;  
 THENCE, SOUTH 76°40'50.66" EAST, A DISTANCE OF 6036.656 FEET TO PRIMARY AIRPORT CONTROL STATION (PACS) "ONT 4100N 2000W RESET", NATIONAL GEODETIC SURVEY PID "AA7152", WITH A CCS83, ZONE 5, NAD83(2011) EPOCH 2010.00 POSITION OF 1,842,453.9037 FEET NORTH AND 6,688,912.0449 FEET EAST;  
 THENCE, SOUTH 74°41'32.77" WEST, A DISTANCE OF 7315.609 FEET TO THE TRUE POINT OF BEGINNING;  
 THENCE 1ST, NORTH 77°15'00" WEST, A DISTANCE OF 1489.34 FEET;  
 THENCE 2ND, NORTH 68°15'57" WEST, A DISTANCE OF 509.54 FEET;  
 THENCE 3RD, NORTH 00°15'36" EAST, A DISTANCE OF 1202.03 FEET;  
 THENCE 4TH, NORTH 89°44'33" EAST, A DISTANCE OF 2841.70 FEET;  
 THENCE 5TH, SOUTH 05°13'59" EAST, A DISTANCE OF 693.83 FEET;  
 THENCE 6TH, SOUTH 03°52'40" EAST, A DISTANCE OF 360.99 FEET;  
 THENCE 7TH, SOUTH 00°47'44" WEST, A DISTANCE OF 657.96 FEET;  
 THENCE 8TH, SOUTH 01°01'31" EAST, A DISTANCE OF 316.33 FEET;  
 THENCE 9TH, SOUTH 89°52'20" WEST, A DISTANCE OF 675.44 FEET;  
 THENCE 10TH, SOUTH 00°04'14" WEST, A DISTANCE OF 295.34 FEET, MORE OR LESS, TO A LINE PARALLEL WITH, AND LYING THIRTY (30.00) FEET NORTHERLY OF THE SOUTHERLY LINE OF SAID LAND GRANTED TO THE ONTARIO INTERNATIONAL AIRPORT AUTHORITY, BEING ALSO THE NORTHERLY LINE OF THE UNION PACIFIC RAILROAD RIGHT OF WAY, SAID SOUTHERLY LINE BEING THE COURSE SHOWN AS "N89°23'16"W 9336.30" ON THE MAP FILED IN BOOK 102, PAGES 98 TO 102, OF RECORDS OF SURVEY, RECORDS OF SAID COUNTY;  
 THENCE 11TH, ALONG SAID PARALLEL LINE, NORTH 68°23'21" WEST, A DISTANCE OF 355.14 FEET, MORE OR LESS, TO A LINE PARALLEL WITH THE 10TH COURSE DESCRIBED HEREIN, AND WHICH PASSES THROUGH THE TRUE POINT OF BEGINNING;  
 THENCE 12TH, LEAVING THE LINE PARALLEL WITH THE NORTHERLY LINE OF THE UNION PACIFIC RAILROAD, AND ALONG THE LINE PARALLEL WITH THE 10TH COURSE, NORTH 00°04'14" EAST, A DISTANCE OF 459.15 FEET TO THE TRUE POINT OF BEGINNING.  
 CONTAINING 113.59 ACRES, MORE LESS.

COORDINATES, BEARINGS, AND DISTANCES ARE REFERENCED TO THE CALIFORNIA COORDINATE SYSTEM, ZONE 5 GRID, NAD83(2011) EPOCH 2010.00, U.S. SURVEY FEET. TO OBTAIN GROUND LEVEL DISTANCES, DIVIDE GRID DISTANCES BY 0.99995679, THE COMBINED FACTOR AT PACS "ONT 4100N 2000W RESET".

**REFERENCES**

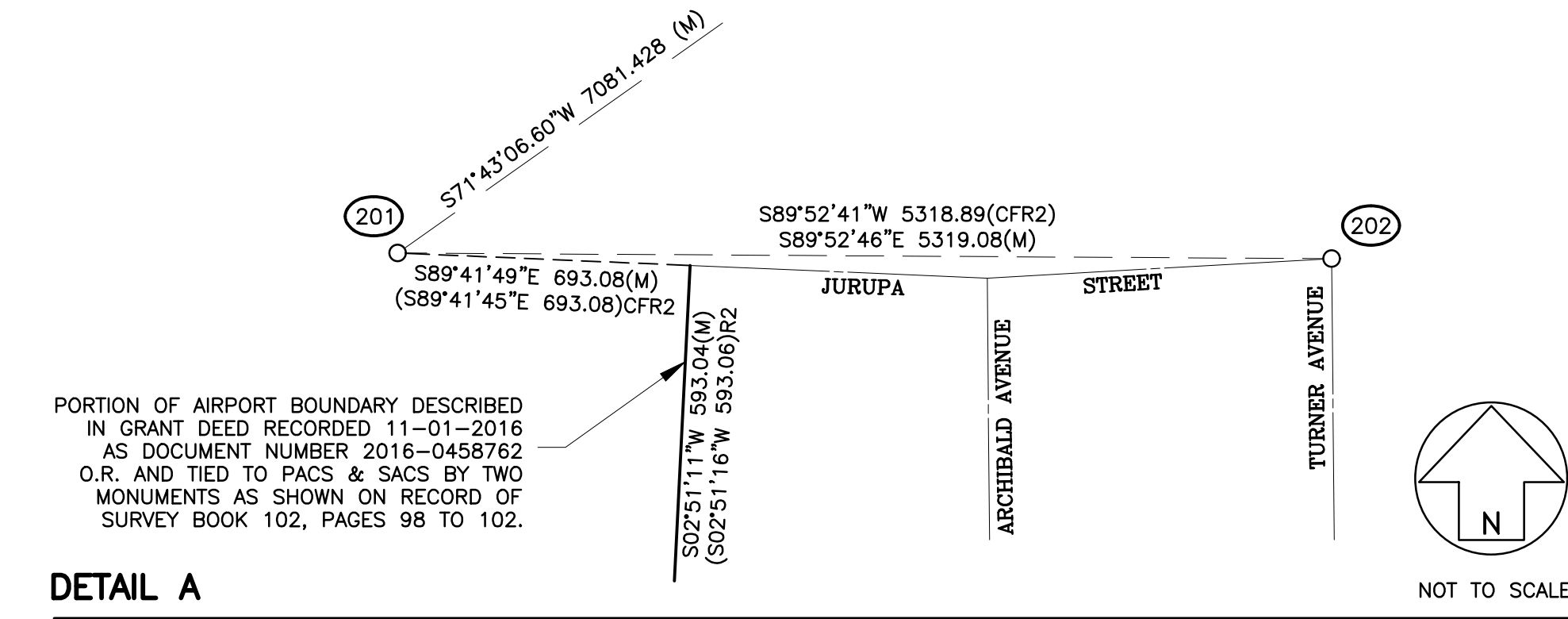
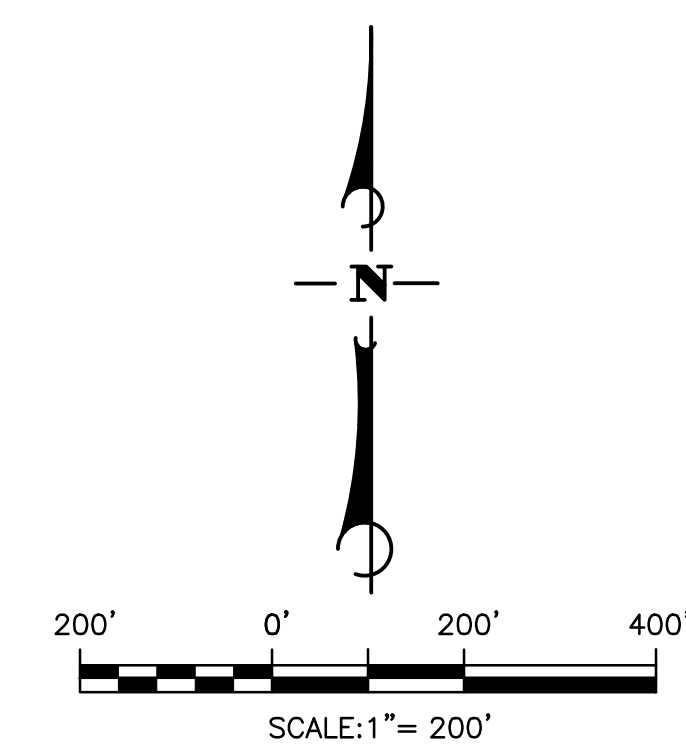
- R1 NGS DATASHEETS FOR NGS PID AA7152, DK6535, AND DK6536
- R2 RSB 102/98-102
- R3 CS 7064
- R3 CORNER RECORD 19-045 (339-096)

**LEGEND**

- ONTARIO AIRPORT SURVEY CONTROL PER R1. SEE THIS SHEET FOR DESCRIPTIONS.
- FOUND MONUMENT. SEE THIS SHEET FOR DESCRIPTIONS.
- CONTROL/MONUMENT REFERENCE NUMBER. SEE THIS SHEET FOR DESCRIPTIONS.

**ABBREVIATIONS**

- CF CALCULATED FROM
- CR CORNER RECORD
- CS COUNTY SURVEYOR MAP
- CM CENTIMETERS
- IP IRON PIPE
- (M) MEASURED
- NGS NATIONAL GEODETIC SURVEY
- OR OFFICIAL RECORDS
- PACS PRIMARY AIRPORT CONTROL STATION
- PID POINT IDENTIFICATION NUMBER
- RSB RECORD OF SURVEY BOOK
- SACS SECONDARY AIRPORT CONTROL STATION
- USSF UNITED STATES SURVEY FEET



**DETAIL A**

**SURVEYOR'S CERTIFICATION**

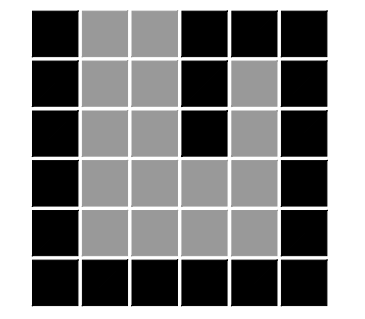
TO: SOUTH AIRPORT CARGO CENTER

THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 3, 4, 5, 8, AND 15 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON NOVEMBER 2, 2021.

JUSTIN P. HEIGHT  
 PLS 6167, STATE OF CALIFORNIA  
 DATE 11-29-2021



**GUIDA SURVEYING INC.**  
 3536 CONCOURS STREET, SUITE 201  
 ONTARIO, CALIFORNIA 91764  
 TOLL FREE 1.855.90GUIDA  
 WWW.GUIDASURVEYING.COM

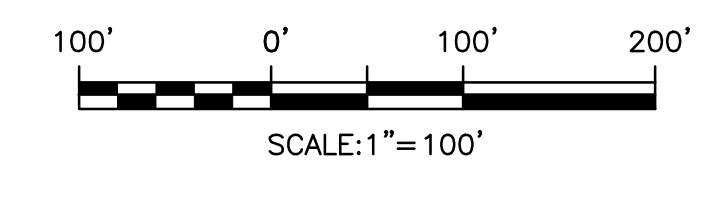
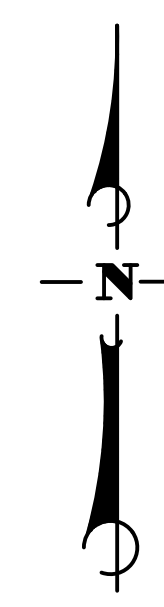
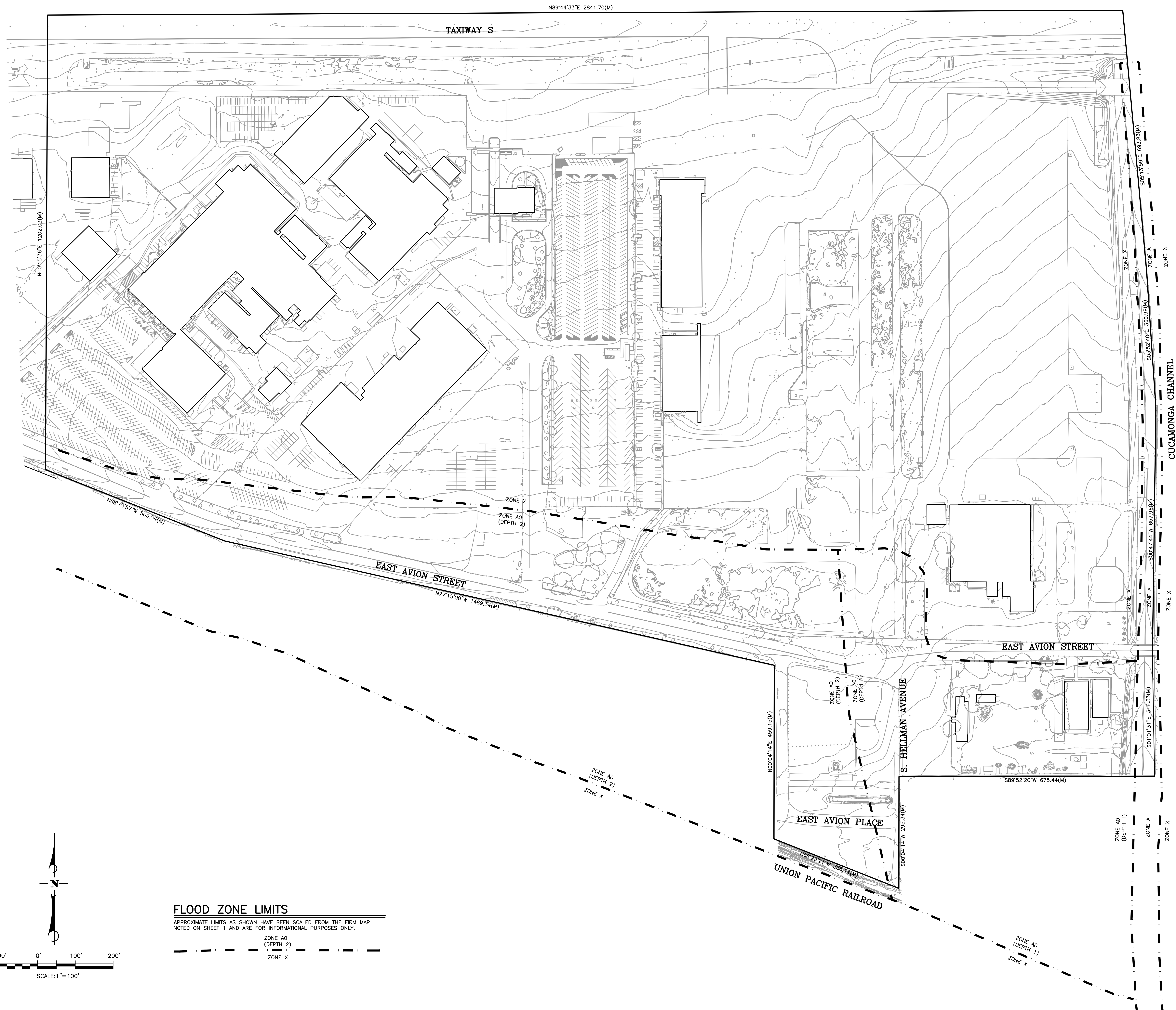


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**ALTA/NSPS LAND TITLE SURVEY**  
 SOUTH AIRPORT CARGO CENTER  
 ONTARIO INTERNATIONAL AIRPORT  
 CITY OF ONTARIO, COUNTY OF SAN BERNARDINO,  
 STATE OF CALIFORNIA  
 NOVEMBER 2021

JOB NO: 0621-00056  
 FIELD: JC  
 DATE: OCT & NOV. 2021  
 OFFICE: JPH  
 DATE: 11-29-2021  
 FILE: 0621-00056 ALTA.dwg

**SHEET**  
**1**  
**OF 3 SHEETS**



**FLOOD ZONE LIMITS**  
 APPROXIMATE LIMITS AS SHOWN HAVE BEEN SCALED FROM THE FIRM MAP NOTED ON SHEET 1 AND ARE FOR INFORMATIONAL PURPOSES ONLY.

- - - - - ZONE A0 (DEPTH 2)  
 - - - - - ZONE A0 (DEPTH 1)  
 - - - - - ZONE X

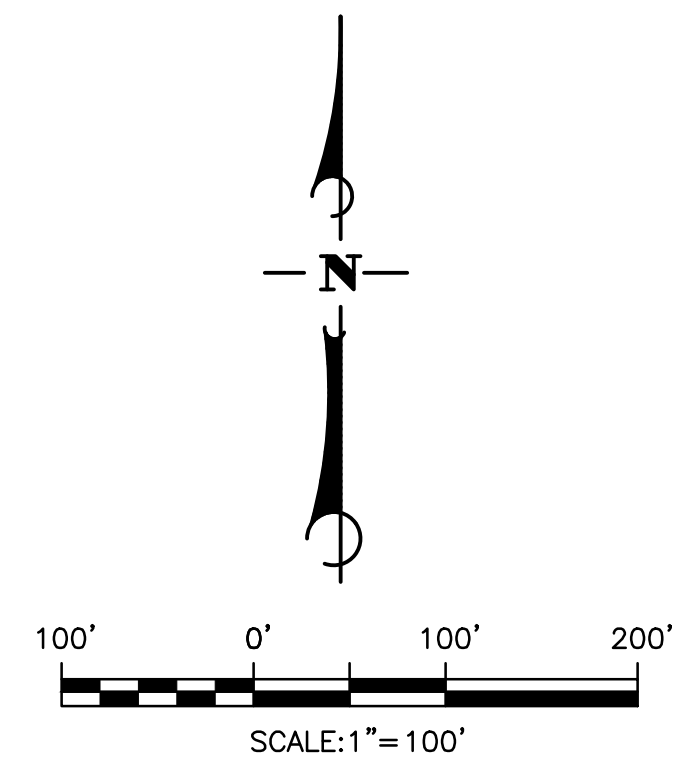
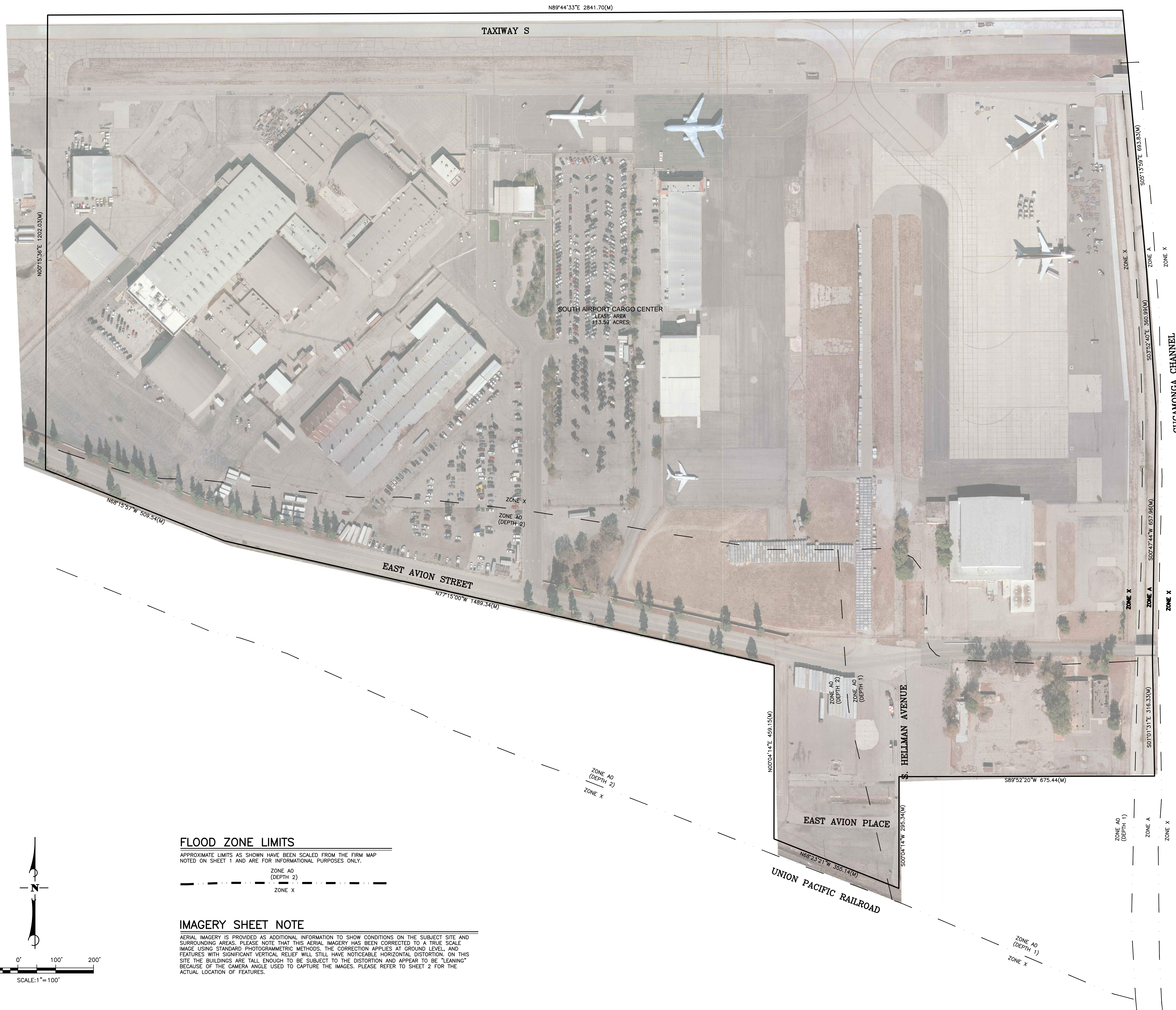
**GUIDA SURVEYING INC.**  
 3536 CONCOURS STREET, SUITE 201  
 ONTARIO, CALIFORNIA 91764  
 TEL: 951-855-9000  
 WWW.GUIDASURVEYING.COM

NO.	DATE	REVISIONS
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**ALTAMPS LAND TITLE SURVEY**  
**SOUTH AIRPORT CARGO CENTER**  
**ONTARIO INTERNATIONAL AIRPORT**  
 CITY OF ONTARIO, COUNTY OF SAN BERNARDINO,  
 STATE OF CALIFORNIA  
 NOVEMBER 2021

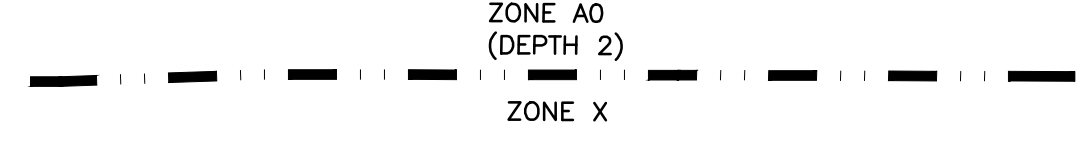
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 FIELD: JC  
 DATE: OCT & NOV, 2021  
 OFFICE: JPH  
 DATE: 11-29-2021  
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**SHEET**  
**2**  
 OF 3 SHEETS



**FLOOD ZONE LIMITS**

APPROXIMATE LIMITS AS SHOWN HAVE BEEN SCALED FROM THE FIRM MAP NOTED ON SHEET 1 AND ARE FOR INFORMATIONAL PURPOSES ONLY.



**IMAGERY SHEET NOTE**

AERIAL IMAGERY IS PROVIDED AS ADDITIONAL INFORMATION TO SHOW CONDITIONS ON THE SUBJECT SITE AND SURROUNDING AREAS. PLEASE NOTE THAT THIS AERIAL IMAGERY HAS BEEN CORRECTED TO A TRUE SCALE IMAGE USING STANDARD PHOTOGRAMMETRIC METHODS. THE CORRECTION APPLIES AT GROUND LEVEL, AND FEATURES WITH SIGNIFICANT VERTICAL RELIEF WILL STILL HAVE NOTICEABLE HORIZONTAL DISTORTION. ON THIS SITE THE BUILDINGS ARE TALL ENOUGH TO BE SUBJECT TO THE DISTORTION AND APPEAR TO BE "LEANING" BECAUSE OF THE CAMERA ANGLE USED TO CAPTURE THE IMAGES. PLEASE REFER TO SHEET 2 FOR THE ACTUAL LOCATION OF FEATURES.

**GUIDA SURVEYING INC.**  
 3536 CONCOURS STREET, SUITE 201  
 ONTARIO, CALIFORNIA 91764  
 TOLL FREE 1.855.901.6104  
 WWW.GUIDASURVEYING.COM

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**ALTANSPS LAND TITLE SURVEY**  
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 NOVEMBER 2021

JOB No: 0621-00056
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FILE: 0621-00056 ALTA.dwg