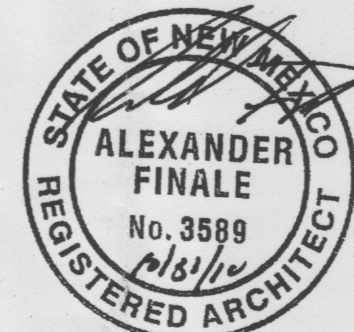
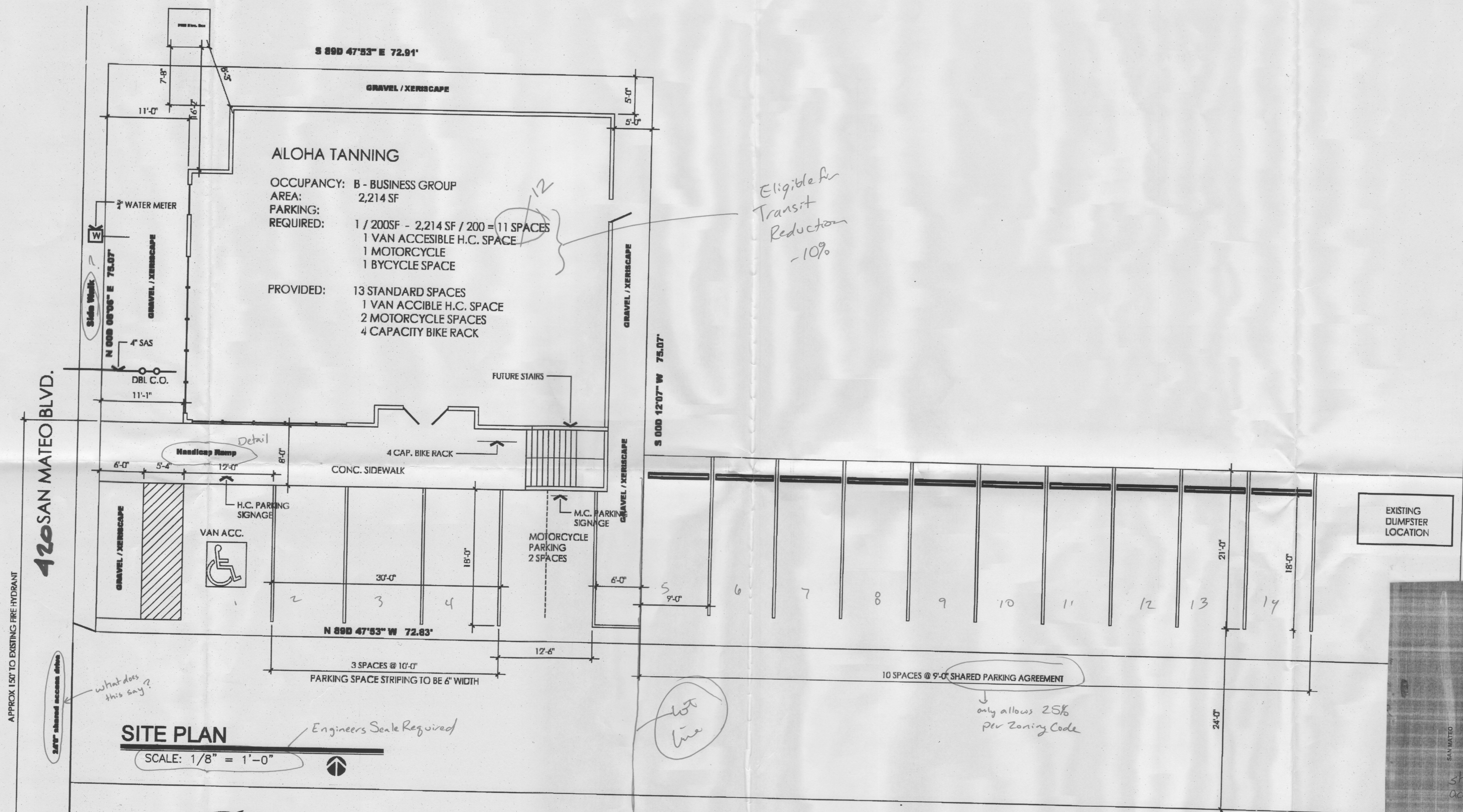
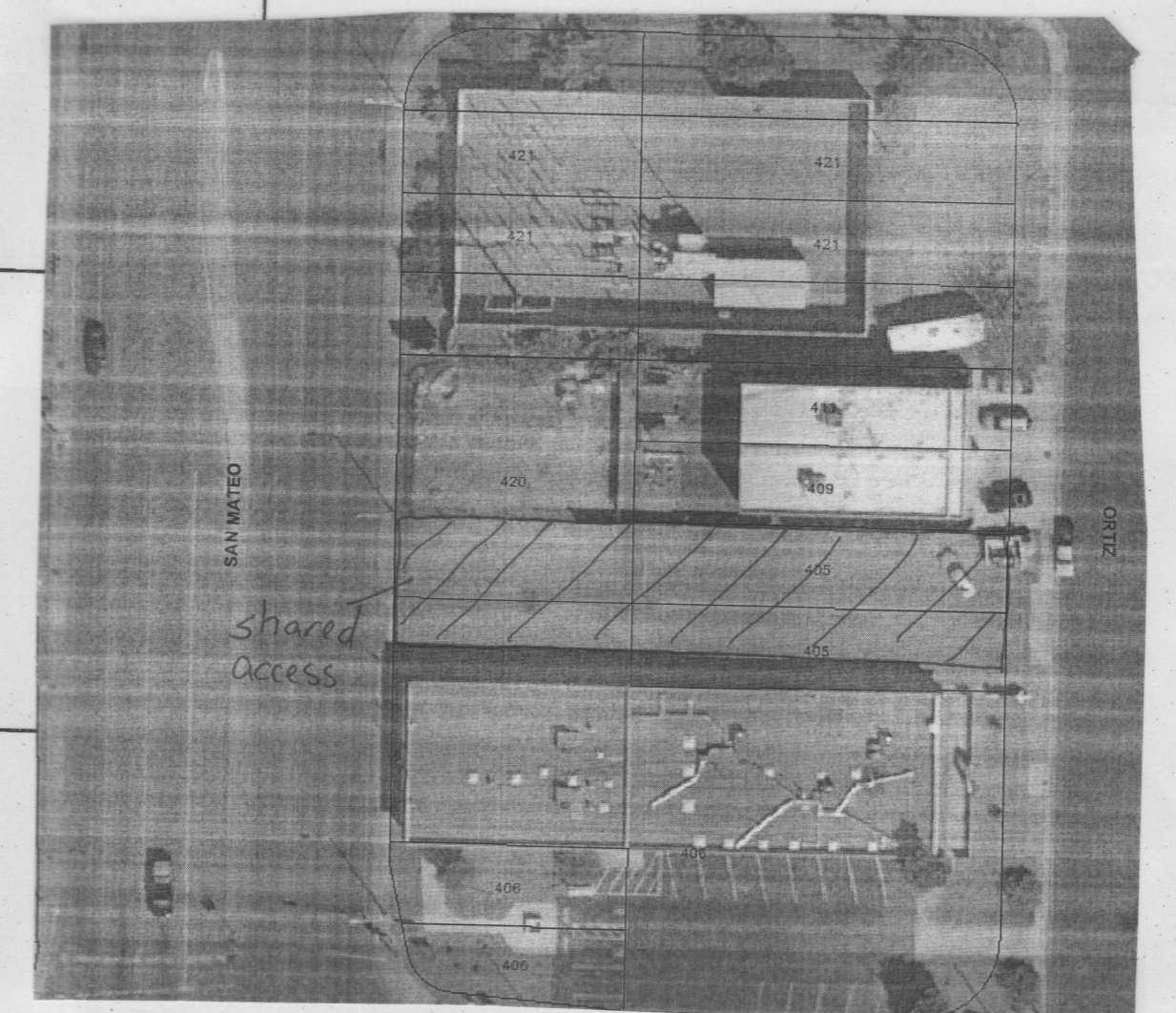
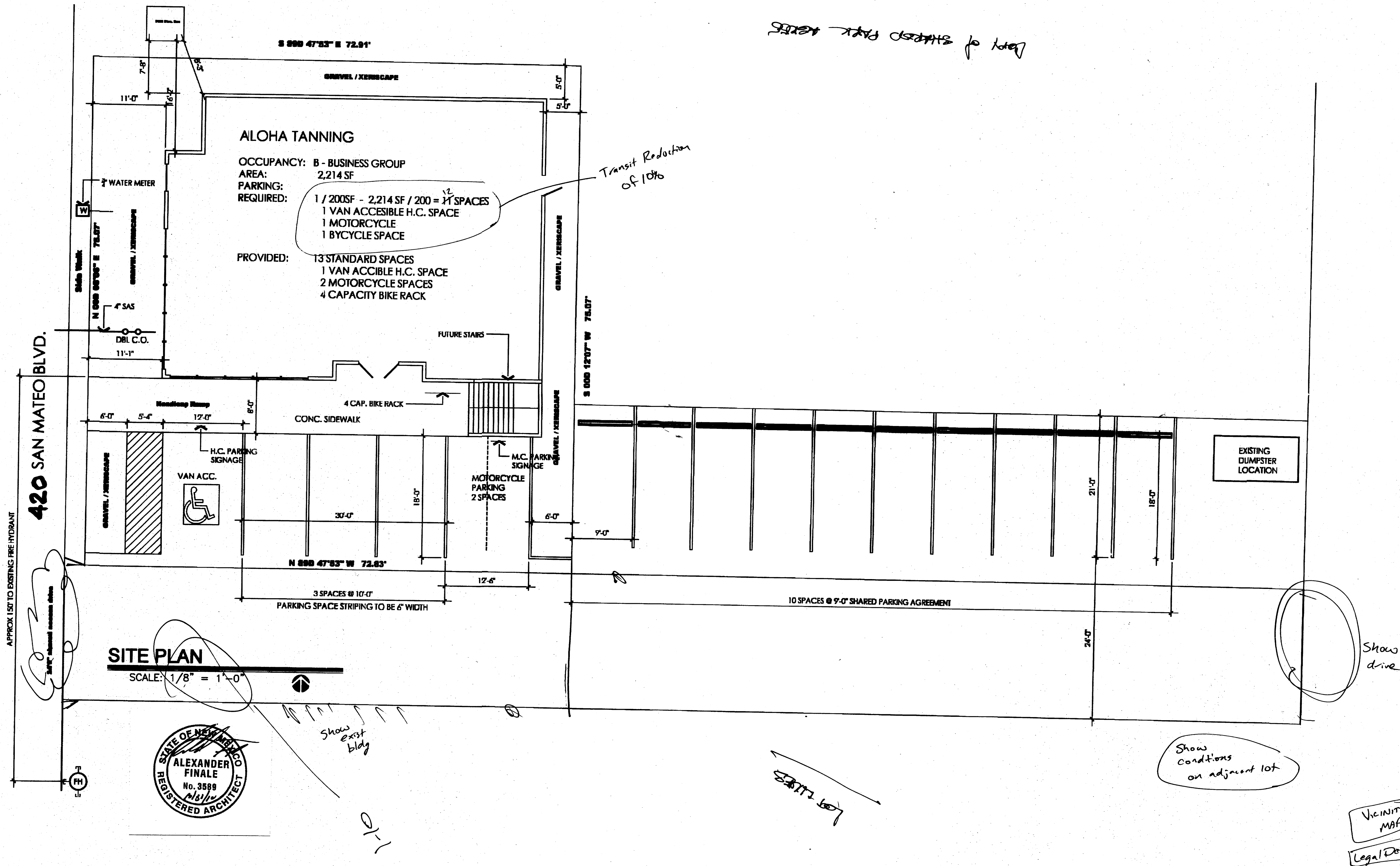




Parking Calculations
 Vicinity Map
 Legal Desc.
 Aerial Photo indicates access is shared w/ adjacent lots
 - show how this is accomplished
 (need to show at least part of adj. lots)
 - provide copy of access easement



RECEIVED
 DEC 8 2010
 HYDROLOGY
 SECTION



DRAINAGE INFORMATION

THE PROPERTY IS VACANT LAND SURROUNDED BY PAVED PARKING ON ADJACENT LOTS. THE STORM WATER DRAINS TO SAN MATEO AND IS COLLECTED IN A CURB INLET. THE DRAINAGE INLET ON SAN MATEO IS A CURB INLET TYPE "C". SAN MATEO IS A MAJOR ARTERIAL STREET AND HAS FOUR LANES, A MEDIAN, AND CURB AND GUTTER. THE LOT IS HARD PACKED EARTH WITH NO VEGETATION AND NO PONDING

PEAK RUNOFF - CITY OF ALBUQUERQUE DPM, SECTION 22.2 HYDROLOGY, JANUARY 1993
PRECIPITATION ZONE 3
DESIGN STORM - 100 YEAR

EXISTING CONDITIONS

LAND TREATMENT	DESCRIPTION	SQ. FT.	ACRE
C	VACANT LOT	5,478.79	0.1258
TOTALS		5478.79	0.1258

PEAK DISCHARGE - $(0.1258)(3.45) = 0.434$ CFS
RUNOFF VOLUME - $(0.1258)(1.29) = (0.1623)/12 = 0.0135$ AC-FT

PROPOSED CONDITIONS

LAND TREATMENT	DESCRIPTION	SQ. FT.	ACRE
C	LANDSCAPE	858	0.020
D	IMPERVIOUS SURFACES	5,478.79	0.1058
TOTALS		5478.79	0.1258

PEAK DISCHARGE - $(0.1058)(5.02) + (0.02)(3.45) = 0.5311 + 0.069 = 0.600$ CFS
RUNOFF VOLUME - $(0.1058)(2.36) + (0.02)(1.29) = (0.2497 + 0.0258)/12 = 0.023$ AC-FT
PEAK DISCHARGE WILL INCREASE BY 0.166 CFS AND RUNOFF VOLUME WILL INCREASE BY 0.0095 AC-FT. THE SITE IS NOT IN A FLOOD ZONE.

PROPOSED DRAINAGE

- 1) THE SITE IS A SMALL VACANT LOT IN A BUILT UP AREA ALONG A MAJOR ARTERIAL STREET WHICH HAS AN EXISTING STORM SEWER. STORM WATER FROM THE VACANT LOT IS COLLECTED IN THE STORM SEWER AND WE PROPOSE TO CONTINUE USING THE STORM SEWER AFTER THE CONSTRUCTION IS COMPLETE.
- 2) THERE IS VERY LITTLE CROSS DRAINAGE FROM THE ADJACENT PROPERTIES. THE PARKING AREA ON THE SOUTH EAST DRAINS TO SAN MATEO AND ORTIZ. THE TOWNHOUSE LOTS ON THE EAST SIDE, LOTS A-2 & A-3, HAVE A ROOF GUTTER SYSTEM THAT DRAINS TO ORTIZ.
- 3) THE SUB-STATION ON THE NORTH IS SURROUNDED BY A WALL AND DRAINS TO SAN MATEO AND GRAND.
- 4) THE EXISTING PAVEMENT WILL BE REUSED FOR THE PARKING APRON.
- 5) THE EXISTING PAVEMENT WILL BE REUSED FOR THE PARKING APRON.
- 6) NOTE THAT THE STAIRWAY SHOWN GOES TO THE ROOF AND THE FINISH FLOOR IS ABOUT 0.5' ABOVE EXISTING GRADE.
- 7) THE LANDSCAPE AREA IS TO BE GRADED TO DRAIN TO A SIDEWALK CULVERT AT THE NW CORNER OF THE PROPERTY.
- 8) THE GRADING AND ELEVATION OF THE PAVED AREAS WILL NOT CHANGE.

STREET ADDRESS

420 SAN MATEO BLVD. 87108

SURVEY INFORMATION

THE SURVEY OFFICE, LLC

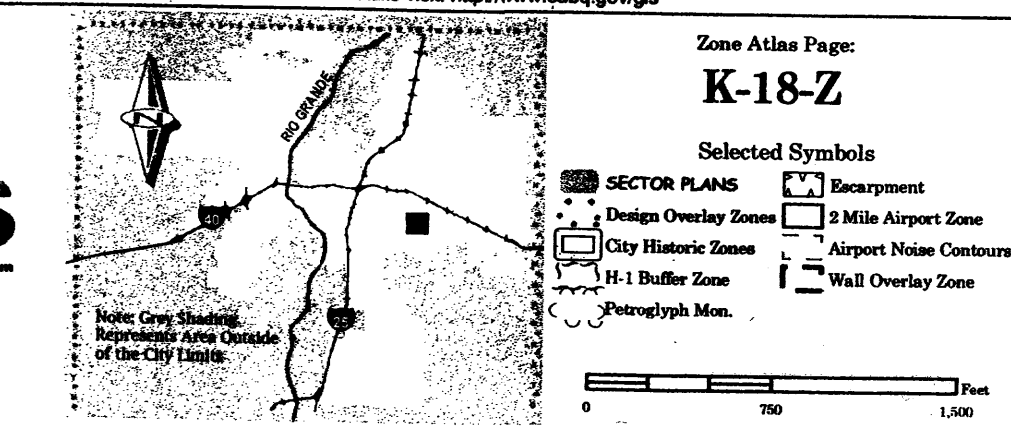
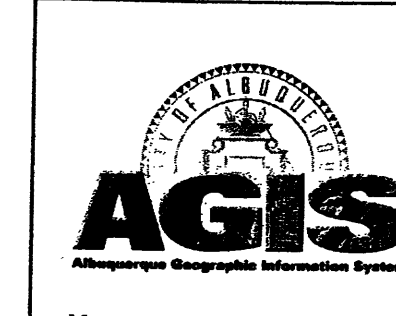
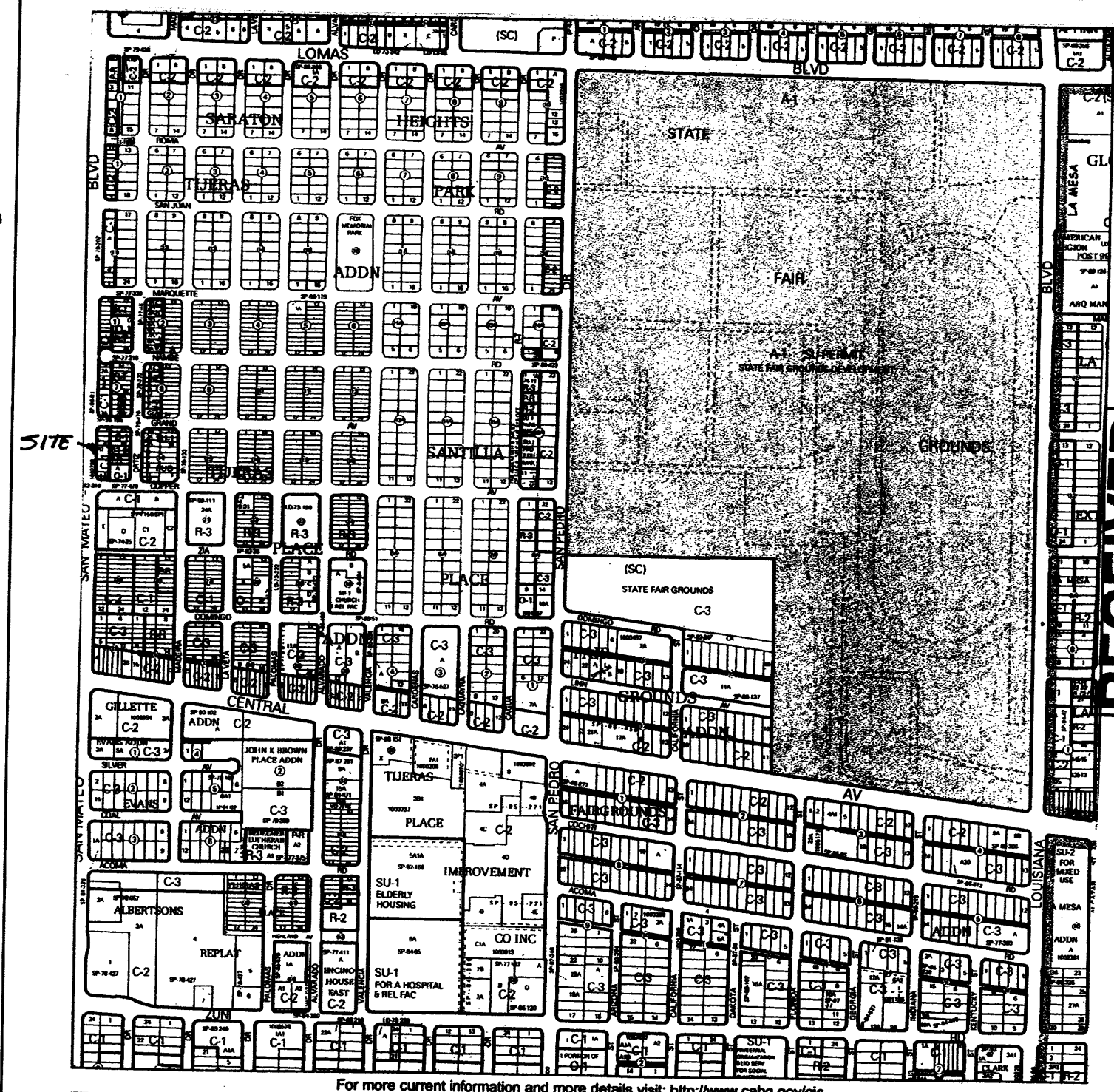
333 LOMAS BLVD., N.E.
ALBUQUERQUE, NEW MEXICO 87102
PHONE: (505) 998-0303
FAX: (505) 998-0305

PROJECT DESCRIPTION

THE PROJECT IS TO CONSTRUCT A TANNING SALON

LEGAL DESCRIPTION

TRACT A-1 BLOCK 13 TIJERAS PLACE ADDITION
SECTION 24, T. 10 N., R. 3 E., N.M.P.M.



VICINITY MAP
FROM COA ZONE ATLAS PAGE K-18

RECEIVED

JUN 07 2010

AS-BUILT INFORMATION	
DATE	
DATE	
DATE	
DATE	
DATE	
DATE	
DATE	
DATE	

HYDROLOGY

BENCH MARK

ENGINEER'S SEAL SURVEY INFORMATION

BY

DATE

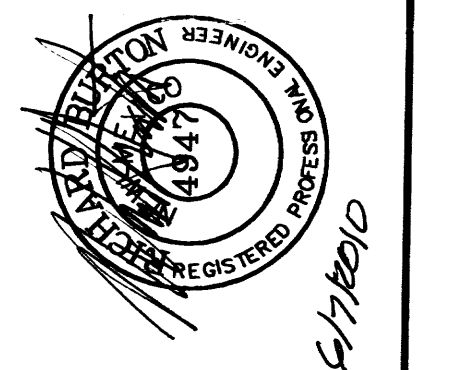
REMARKS

NO. DATE

DESIGNED BY - RLB

DRAWN BY - RLB

CHECKED BY - RLB



DATE - MAY, 2010

DESIGNED BY - RLB

DRAWN BY - RLB

CHECKED BY - RLB

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE DRAINAGE & GRADING PLAN
ALOHA TANNING

BURTON ENGINEERS, LLC.
2900 VISTA GRANDE NW
ALBUQUERQUE, NM 87120
(505) 839-9365

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE DRAINAGE & GRADING PLAN
ALOHA TANNING

Design Review Committee

City Engineer Approval

City Project No.

XXXXXX

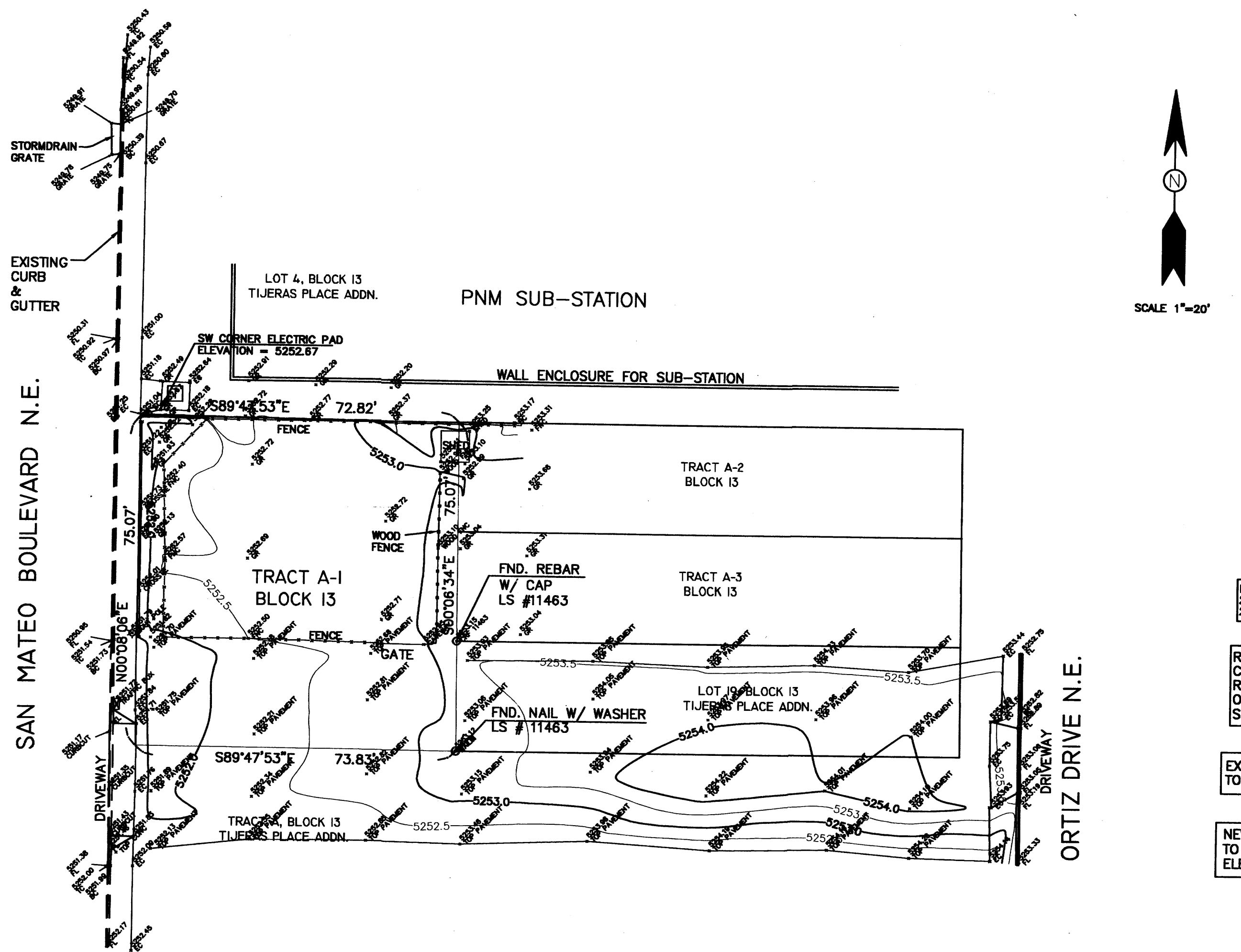
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K-18

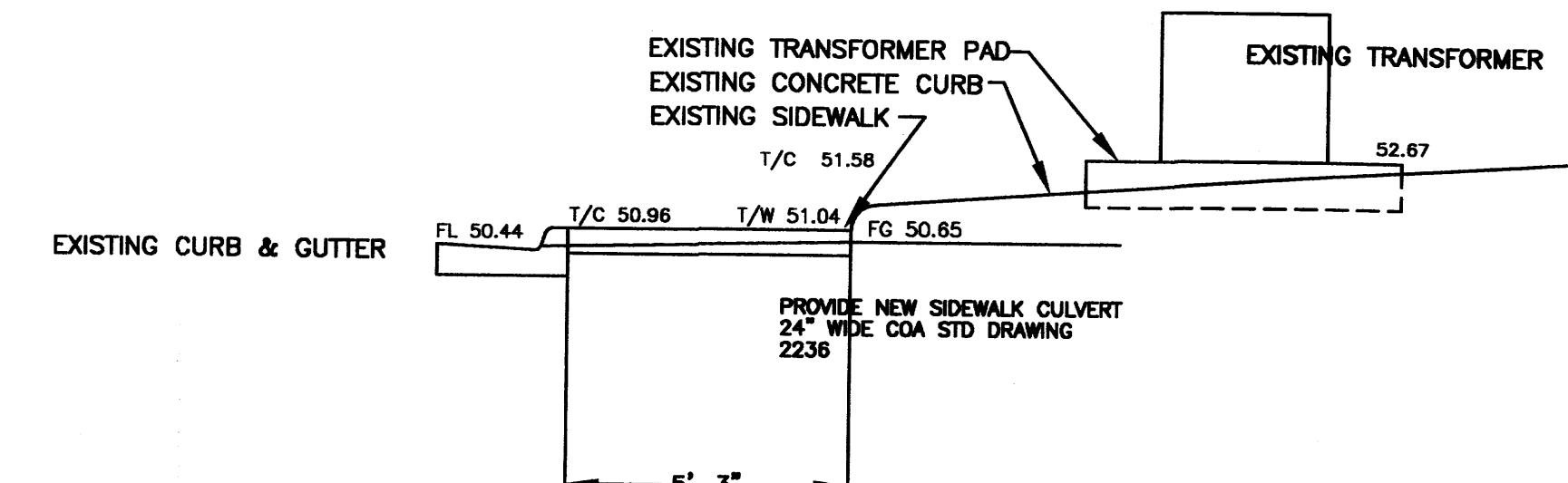
Sheet 1 OF 1

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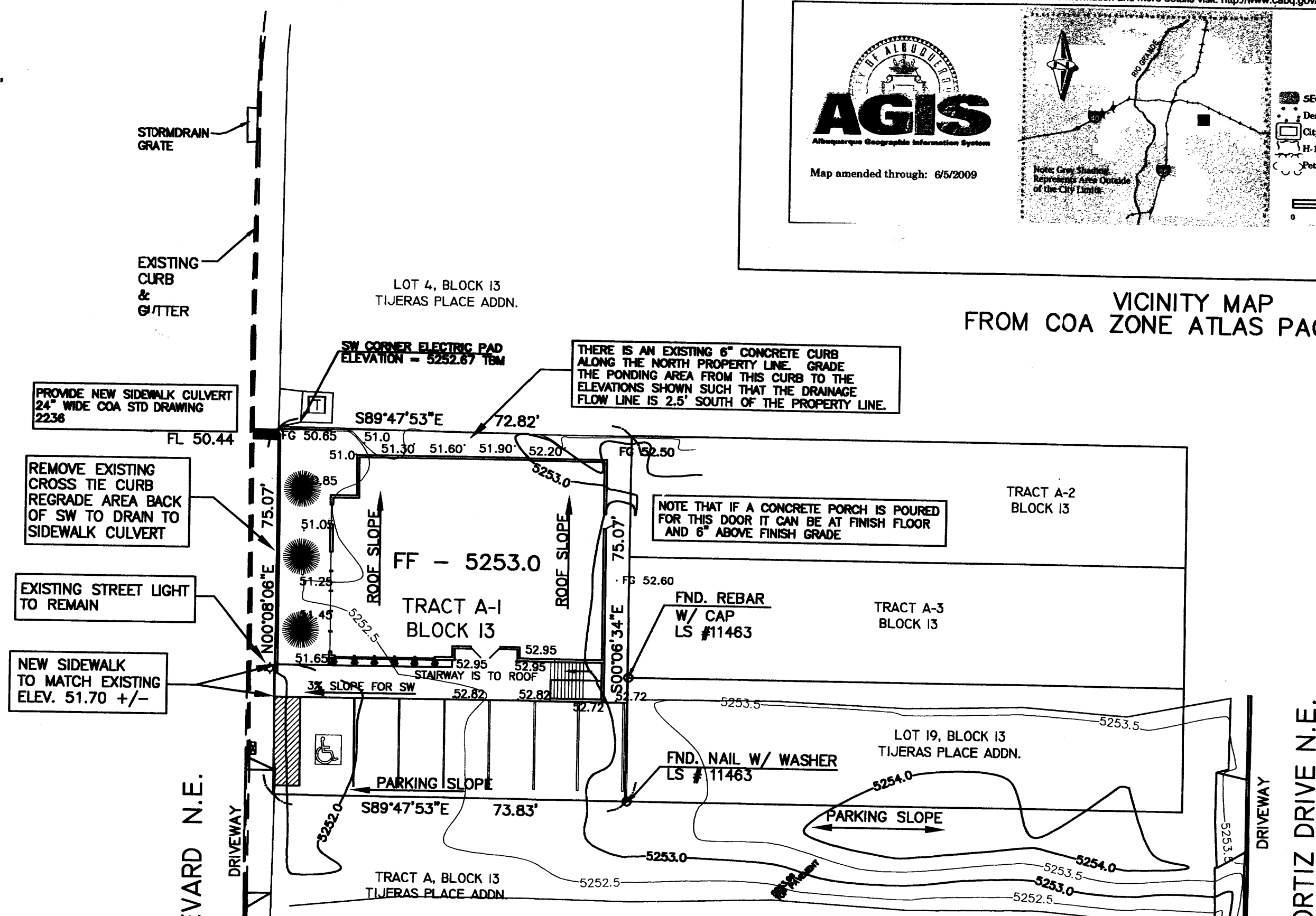
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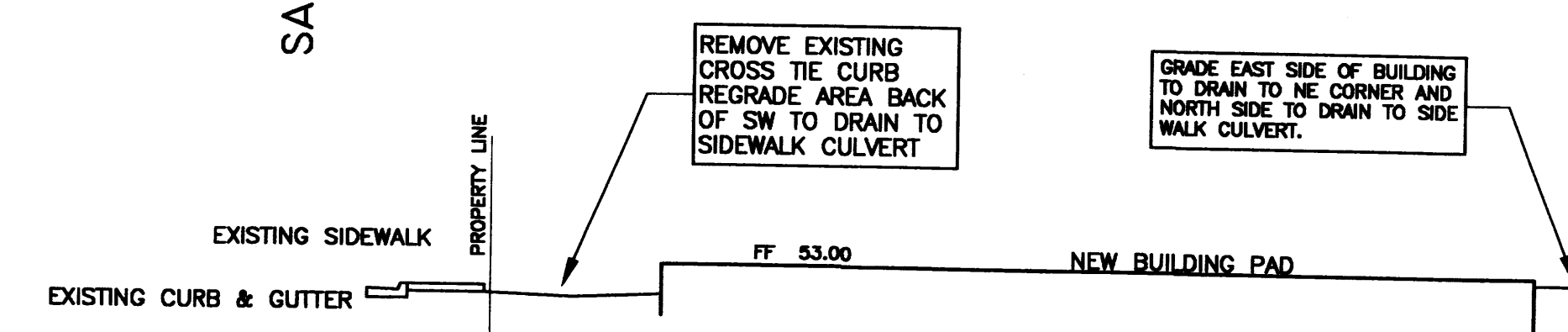
EXISTING CONDITIONS



SECTION AT SIDEWALK CULVERT IN NE CORNER
NOT TO SCALE



PROPOSED CONSTRUCTION



SECTION AT N-S CL OF BUILDING
NOT TO SCALE