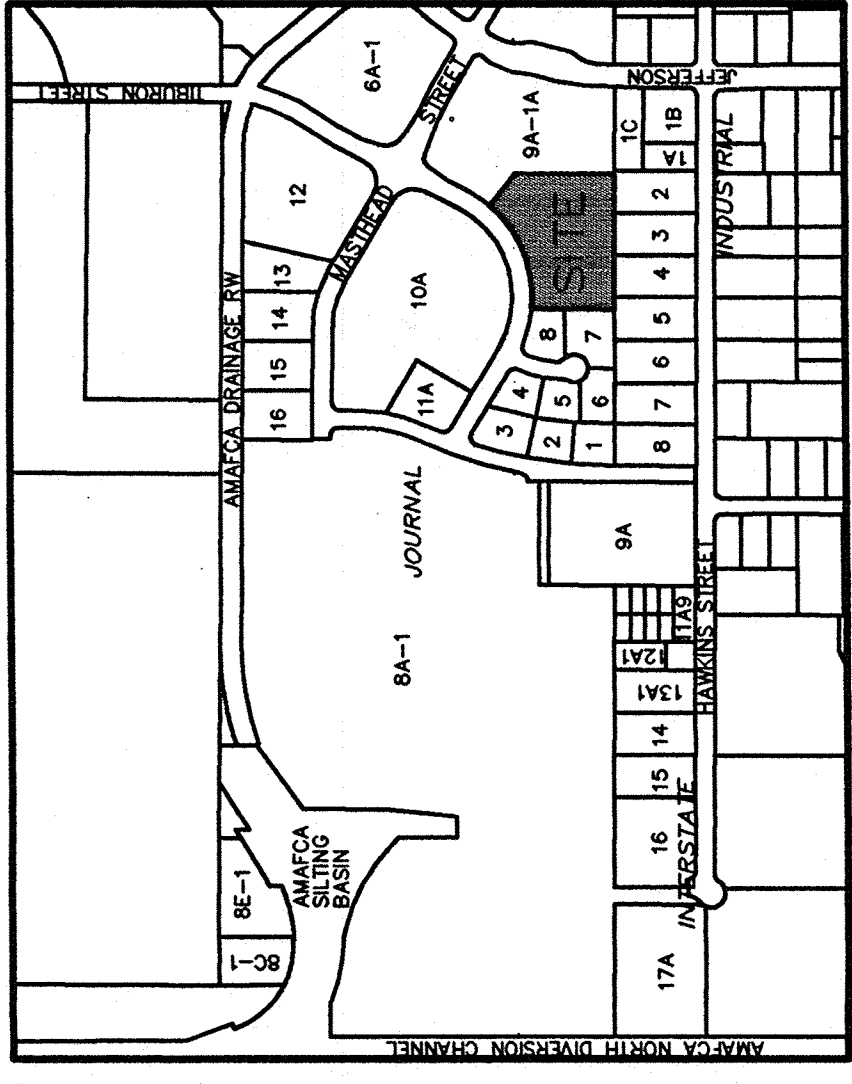




LOCATION MAP
 ZONE ATLAS INDEX MAP No. D-17-Z
 NOT TO SCALE

LEGAL DESCRIPTION: LOT 9, JOURNAL CENTER 2

AREA: 3.8636 ACRES

FLOOD ZONE DESIGNATION: AS SHOWN ON FIRM PANEL 136 (9-20-96), THIS SITE IS WITHIN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 500-YR FLOODPLAIN.

EXISTING CONDITIONS: THE UNDEVELOPED SITE SLOPES FROM EAST TO WEST AT 2-7%. FLOW DISCHARGES TO WOLCOTT NE AND IS CONVEYED WEST TO THE NORTH PINO INLET TO THE NORTH DIVERSION CHANNEL.

OFFSITE FLOW: A PORTION OF THE ADJACENT UNDEVELOPED TRACT 9A-1A, LOCATED TO THE EAST CONTINUES TO DRAIN TO THIS SITE. AFTER DEVELOPMENT, THE RUNOFF WILL BE DIRECTED TO TIBURON ST. TO THE NORTH.

$Q_{1000-6} = (1.4)(1.56) = 2.2 \text{ CFS}$

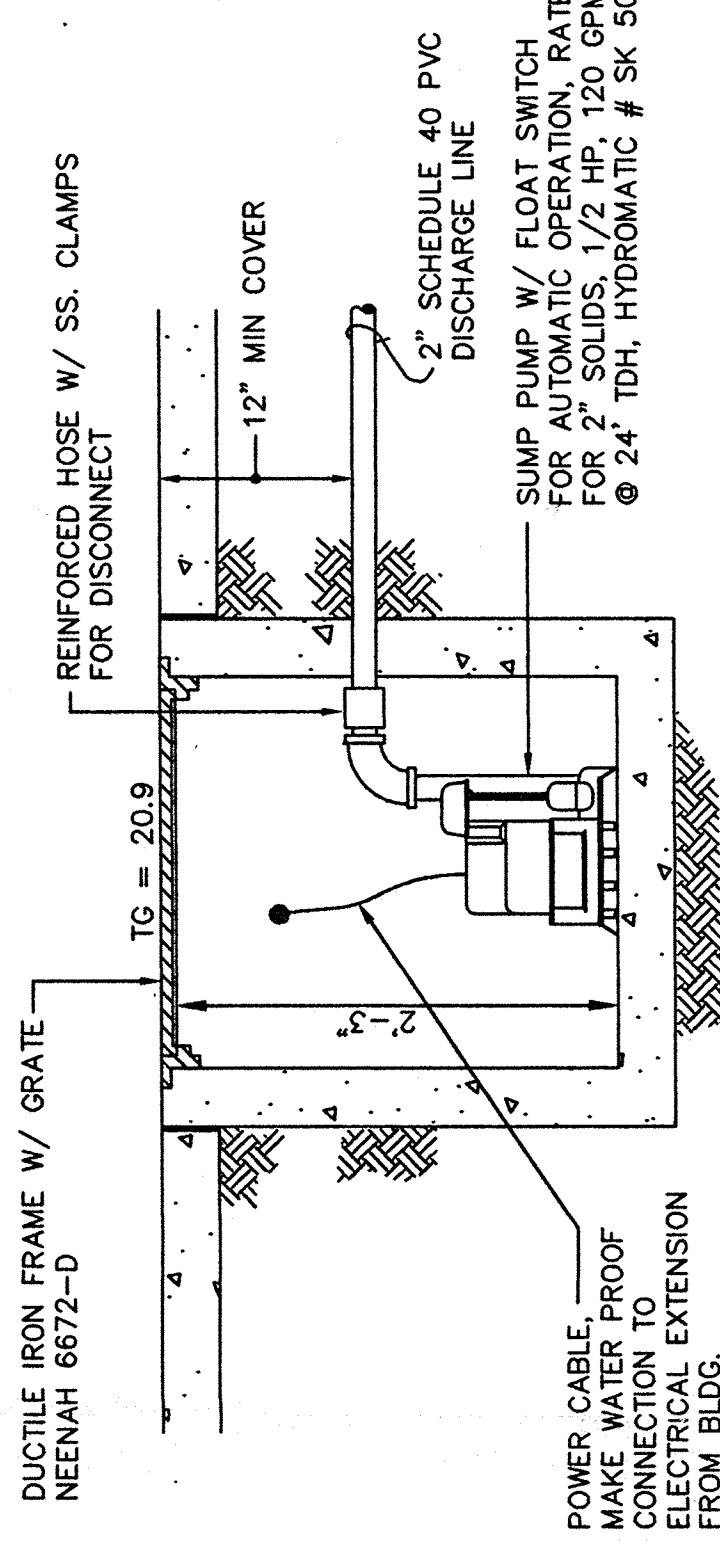
EXISTING HYDROLOGY:
Precipitation Zone: 2
Land Treatment: 100% A
 $Q_{100-6} = (1.56)(3.864) = 6.0 \text{ CFS}$

PROPOSED CONDITIONS: PROPOSED CONSTRUCTION INCLUDES A 50,000 SF (2-STORY) BUILDING, PAVED PARKING & LANDSCAPED AREAS. RUNOFF WILL DISCHARGE THROUGH TWO DRIVEPADS ONTO WOLCOTT NE. ROOF DRAIN LINES EXTEND THROUGH THE CURB ON WOLCOTT FROM THE NORTH FACE OF THE BUILDING. THE LANDSCAPED AREA NORTH OF THE BUILDING WILL BE BOTH 500 & 100-YEAR RAINFALL. A WIDE LANE OF THE STREET, THE XENSERCA, WILL BE PROPOSED CONSTRUCTION. THE STREET RUNOFF THAT FALLS THERE (AREA=1900 SF, VOLUME=180 CF). THE 100-YR RUNOFF DEPTH WILL BE 3 INCHES, WHICH WILL BE CONTAINED WITH THE PROPOSED 6" SWALE.

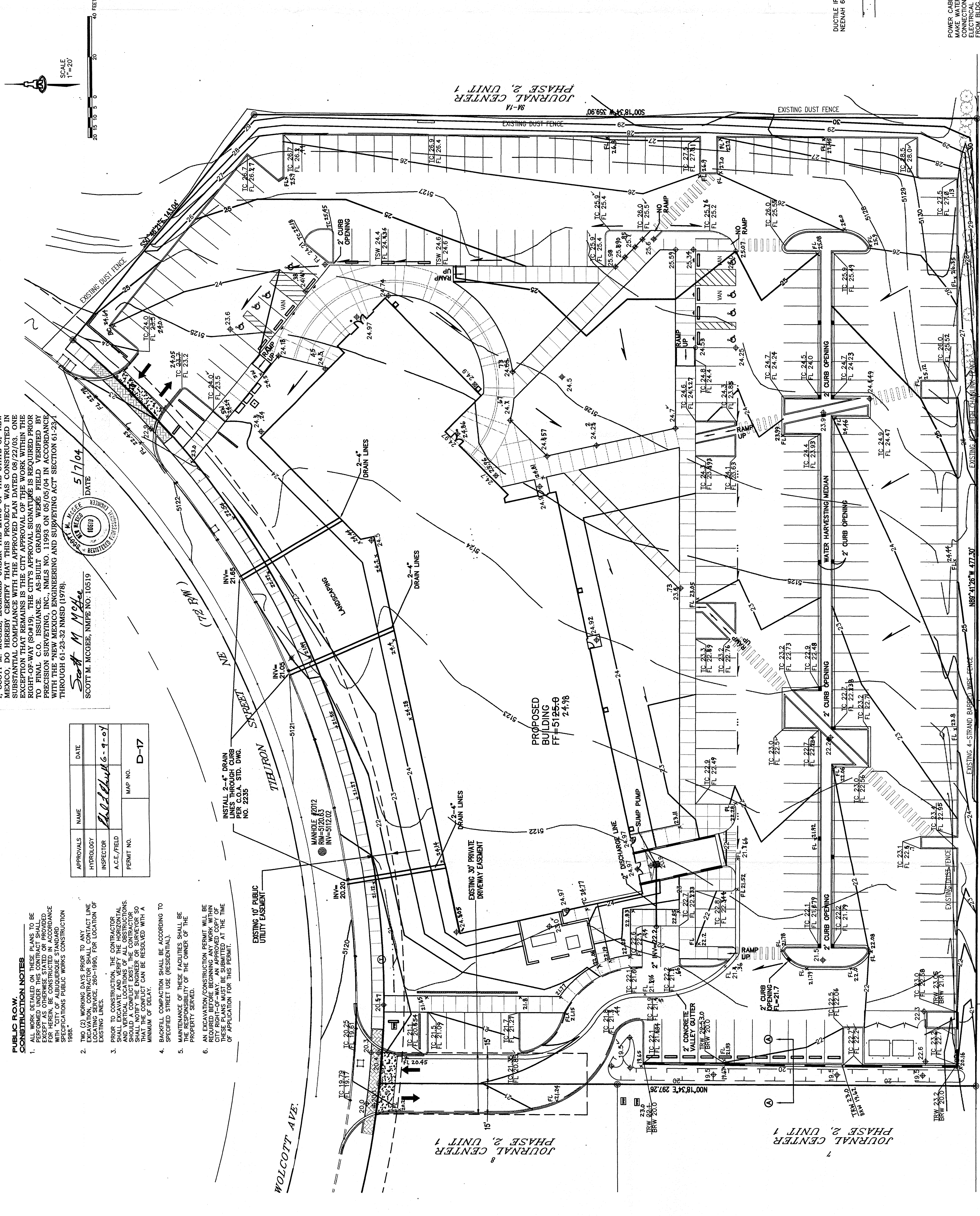
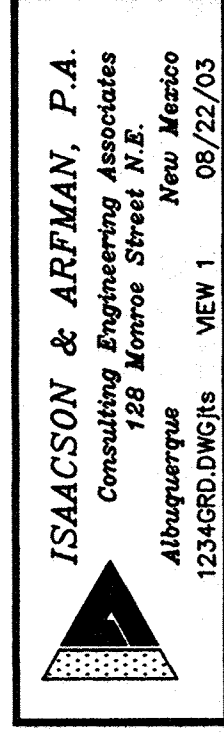
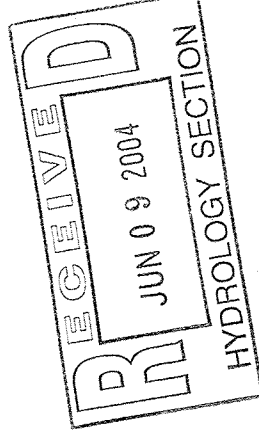
PROPOSED HYDROLOGY:
Land Treatment: 8% B, 15% C, 77% D
Oms. = $-(31/2.28) + (58/3.14) + (2.97/4.70) = 16.5$ CFS

LEGEND

EXISTING CONTOUR — 5125 —
PROPOSED CONTOUR — 25 —
PROPOSED SPOT ELEVATION
 ♦ 23.6
FLOW ARROW →
FINISH FLOOR ELEVATION FF=5125.0
SIDEWALK CULVERT
TOP OF CURB ELEVATION
 TC 26.0
 FL 25.5
PROPOSED RETAINING WALL
 ■
2' CURB OPENING
AS-BUILT ELEVATION
 ♦ 27.13



SUMP PUMP
1"=1'



NOTES:
CONSTRUCTION JOINTS @ 10' O.C.
1 1/2" EXPANSION JOINTS @ 50' O.C.

VALLEY GUTTER
NTS

CURB OPENING DETAIL
SCALE: 1"= 1'-0"

INTERSTATE INDUSTRIAL TRACT

ENGINEER'S CERTIFICATION
I, SCOTT M. MCCRE, LICENSED UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PROJECT WAS CONSTRUCTED IN MEXICO IN COMPLIANCE WITH THE APPROVED PLAN DATED 08/22/03. AS SUBSTANTIAL COMPLIANCE WITH THE APPROVED PLAN DATED 08/22/03. AS-BUILT GRADES WERE FIELD VERIFIED BY PRECISION SURVEYING, INC. NMLS NO. 11993 ON 05/05/04 IN ACCORDANCE WITH THE "NEW MEXICO ENGINEERING AND SURVEYING ACT" SECTION 61-23-1 THROUGH 61-23-32. NMSD 197281.

SCOTT M. MCGEE, NMPE NO. 10519

6/9/04
DATE

SWALE & RETAINING WALL
SECTION A-A