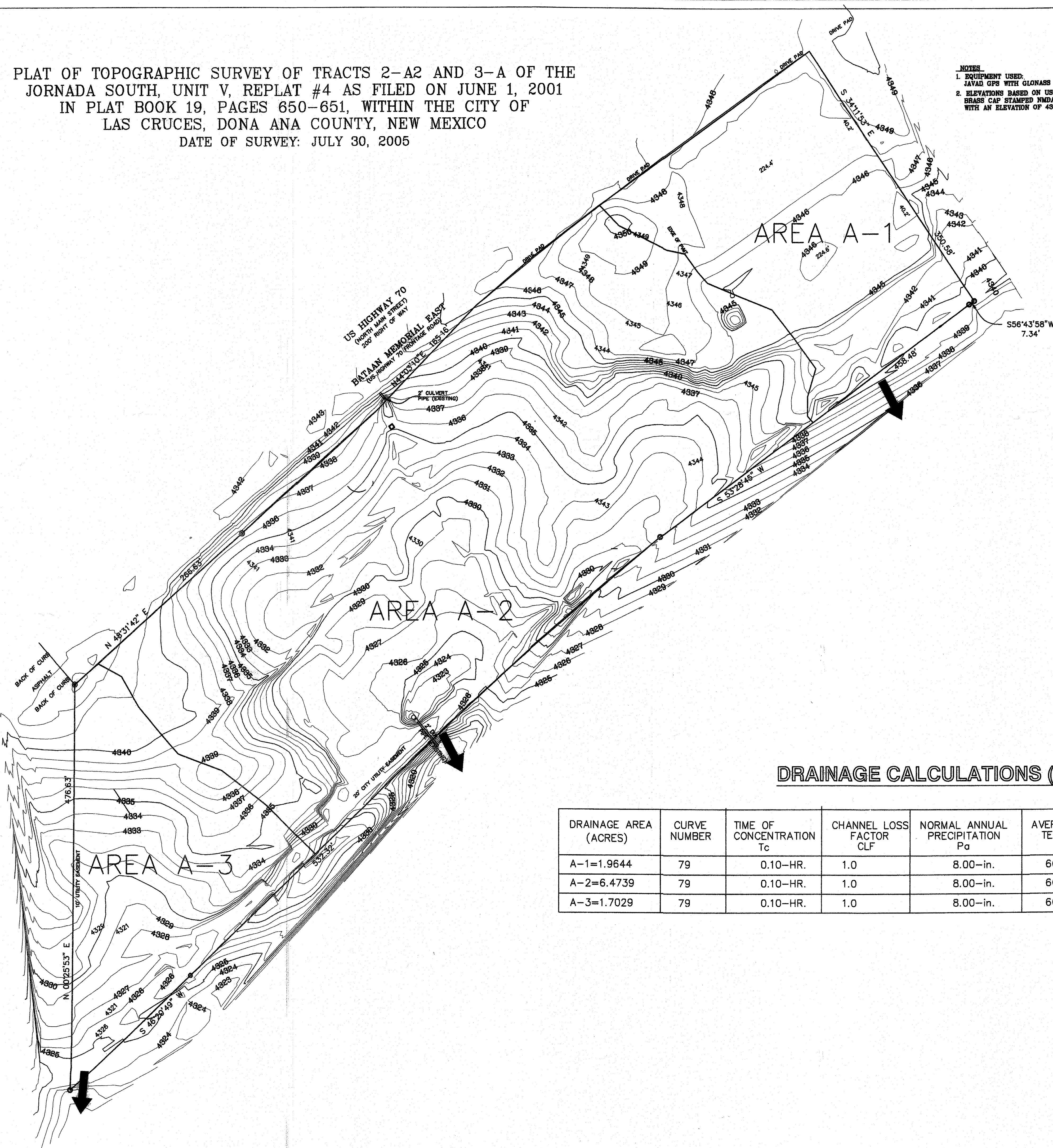
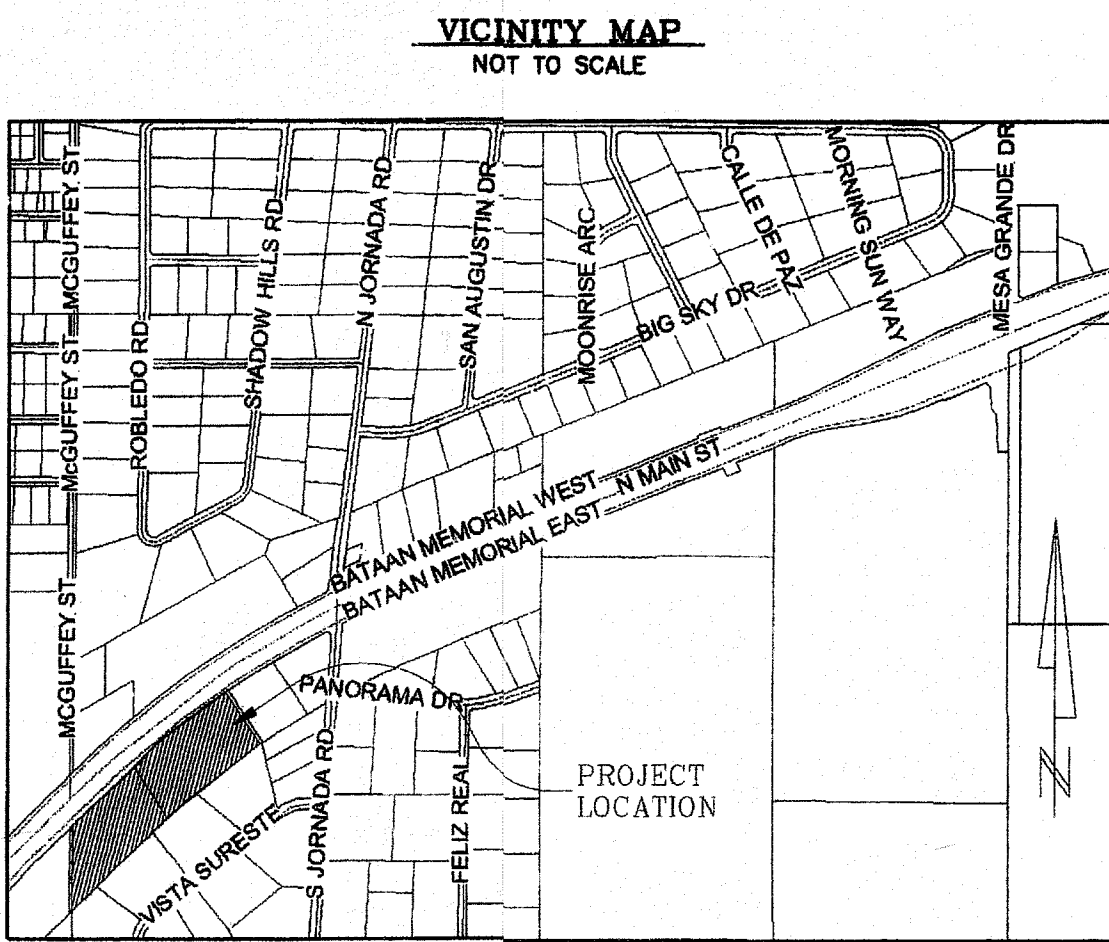
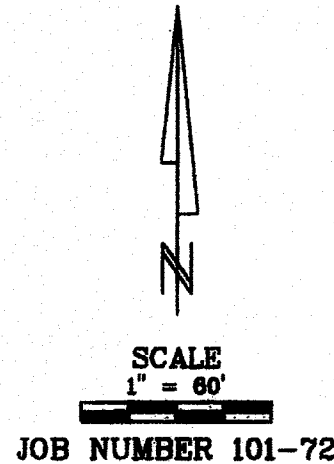


PLAT OF TOPOGRAPHIC SURVEY OF TRACTS 2-A2 AND 3-A OF THE
JORNADA SOUTH, UNIT V, REPLAT #4 AS FILED ON JUNE 1, 2001
IN PLAT BOOK 19, PAGES 650-651, WITHIN THE CITY OF
LAS CRUCES, DONA ANA COUNTY, NEW MEXICO
DATE OF SURVEY: JULY 30, 2005



NOTES:
1. EQUIPMENT USED:
JAVAB GPS WITH GLONASS
2. ELEVATIONS BASED ON USC&GS
BRASS CAP STAMPED NMDA-71
WITH AN ELEVATION OF 4348.56'

- LEGEND
- FOUND IRON ROD
 - HIGHWAY CAP
 - PHONE RISER
 - ⊕ GAS VALVE
 - ⊖ WATER VALVE
 - ⊕ FIRE HYDRANT
 - ⊖ VENT PIPE
 - ⊕ DROP INLET
 - ⊖ UTILITY POLE WITH ANCHOR
 - PROPERTY LINE
 - - - EASEMENT LINE
 - · - · - EDGE OF ASPHALT
 - - - OVERHEAD ELECTRIC FENCE



DRAINAGE CALCULATIONS (UNDEVELOPED)

DRAINAGE AREA (ACRES)	CURVE NUMBER	TIME OF CONCENTRATION T _c	CHANNEL LOSS FACTOR CLF	NORMAL ANNUAL PRECIPITATION P _a	AVERAGE ANNUAL TEMPERATURE T _a	UNIT DISCHARGE cfs/ac-in.	PEAK DISCHARGE 10-YR.	PEAK DISCHARGE 100-YR.	VOLUME OF RUNOFF 10-YR.	VOLUME OF RUNOFF 100-YR.
A-1=1.9644	79	0.10-HR.	1.0	8.00-in.	60 °F	2.30	2.48 cfs	6.55 cfs	5,689 CF	10,340 CF
A-2=6.4739	79	0.10-HR.	1.0	8.00-in.	60 °F	2.30	15.0 cfs	21.6 cfs	12,924 CF	34,077 CF
A-3=1.7029	79	0.10-HR.	1.0	8.00-in.	60 °F	2.30	2.2 cfs	5.7 cfs	3,398 CF	8,963 CF

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Las Cruces, N.M. 88005

MOUNTAIN VIEW STORAGE COMPLEX
4400 BATAAN MEMORIAL
EAST HWY 70 FRONTAGE ROAD
LAS CRUCES, NM

SCALE: AS NOTED



Revised
1-31-06

UNDEVELOPED
RUNOFF

REVISION DATE:

SHEET NO.
C-7

Donohue Land Surveys
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1-505-523-1114