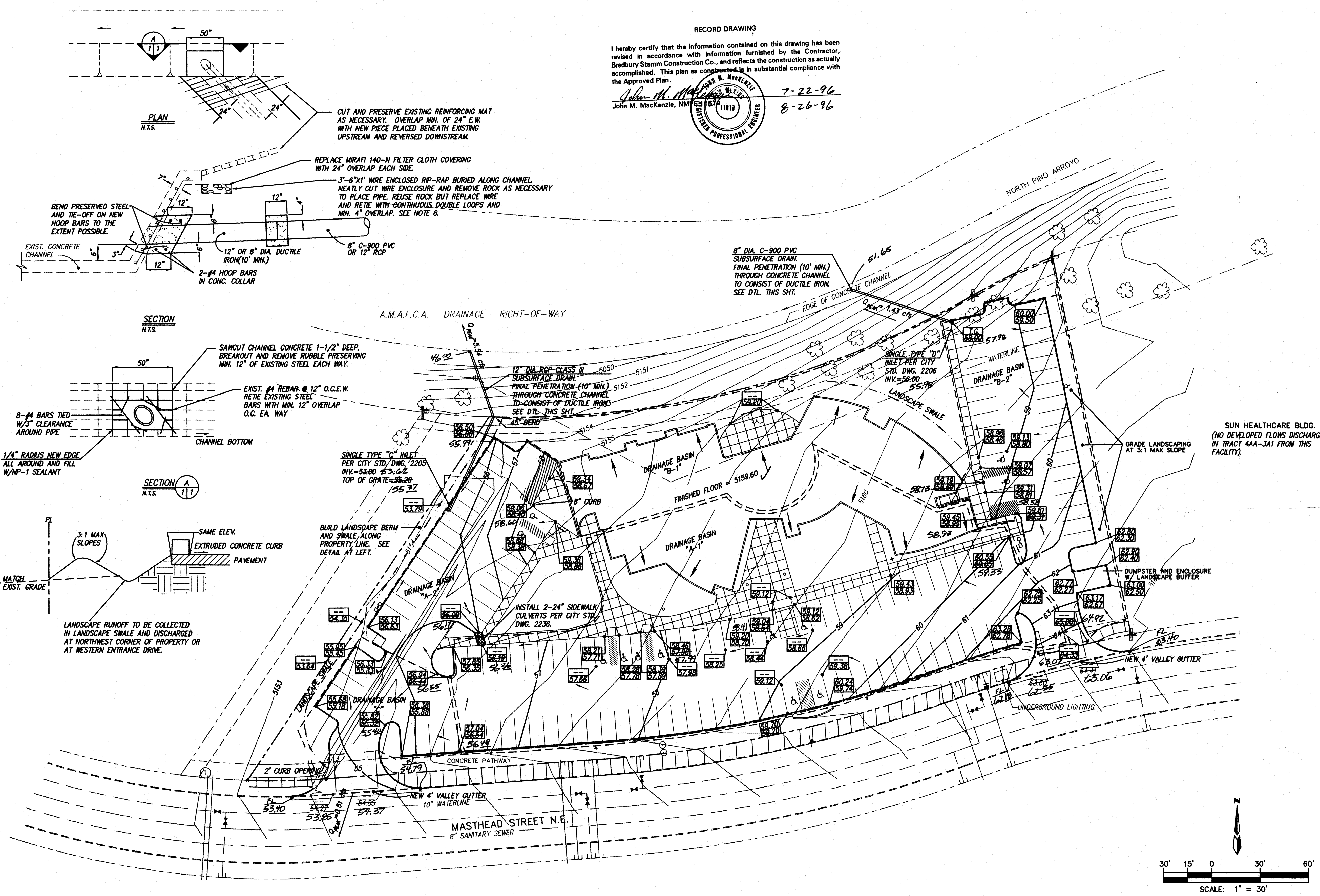
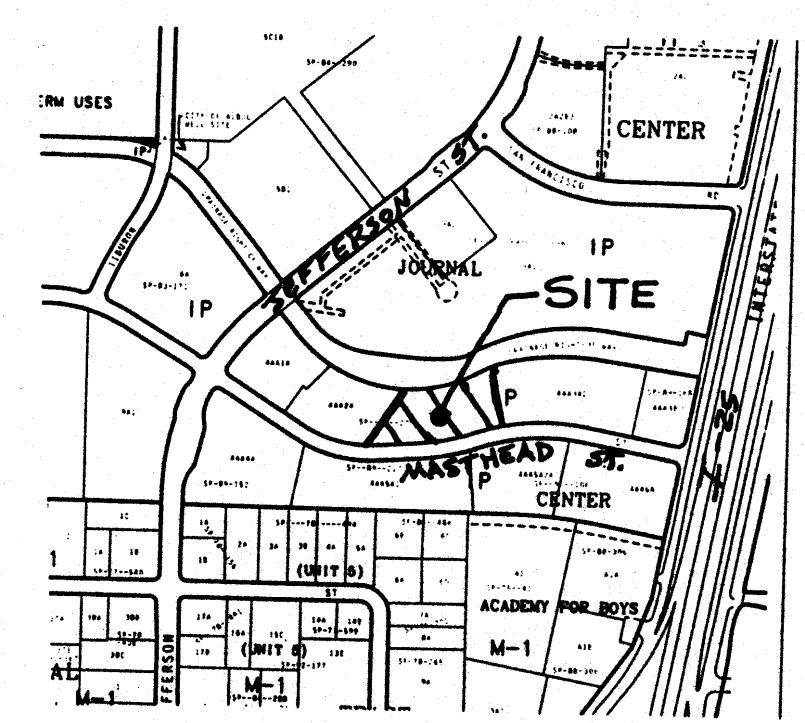




RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the Contractor, Bradbury Stamm Construction Co., and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

John M. MacKenzie, N.M.P.E. 11818
 7-22-96
 8-26-96



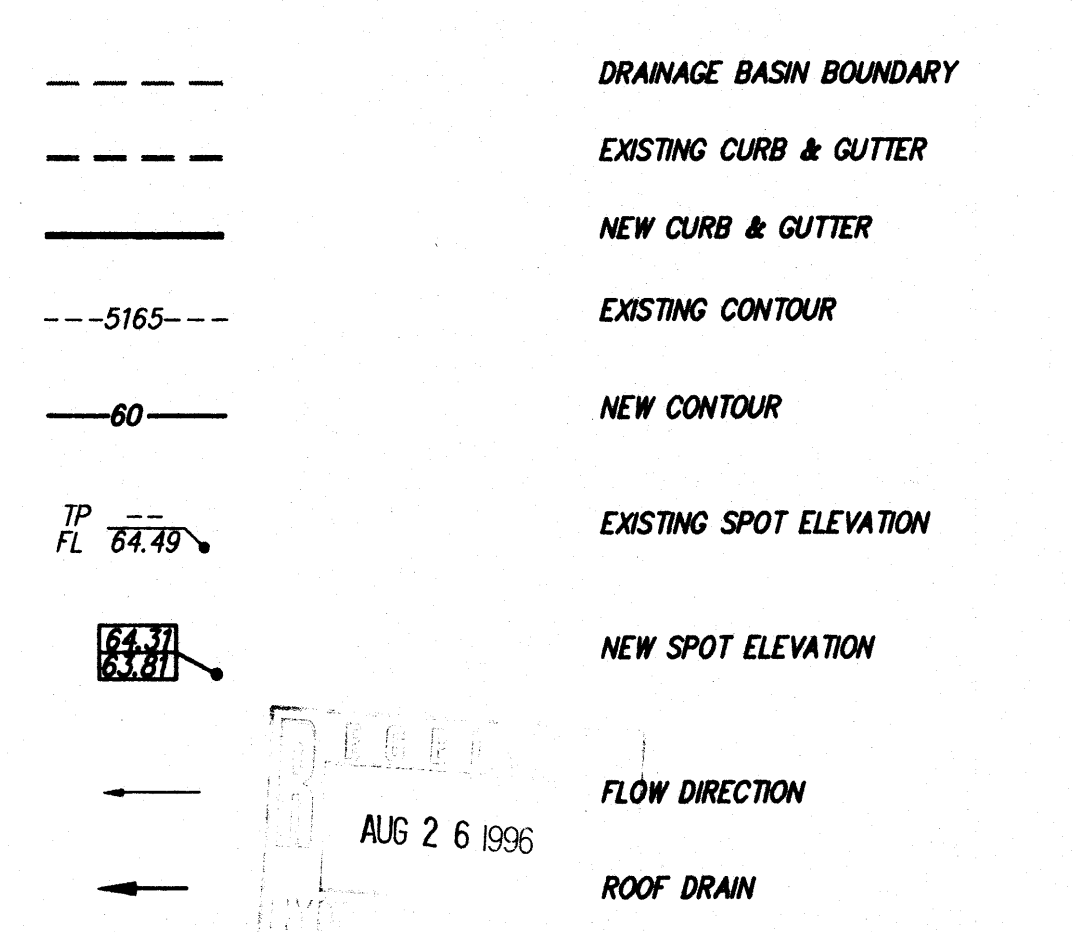
VICINITY MAP ZONE MAP: D-17-Z

TBM (TEMPORARY BENCHMARK)
 RIM OF SANITARY SEWER MANHOLE IN STREET OFF SOUTHWEST PROPERTY CORNER, ELEVATION = 5154.02 MSL.

ACS BENCHMARK
 CONTROL MONUMENT "1-25-14"
 X = 398,828.26
 Y = 1,514,860.92
 Δ = -0071'35"
 ELEV. = 5196.73

LEGAL DESCRIPTION
 WESTERLY PORTION OF TRACT 44A-3A, JOURNAL CENTER.

- NOTES
1. THIS SITE DOES NOT PRESENTLY LIE WITHIN A FLOOD ZONE ACCORDING TO FIRM PANEL 350002 0009 C.
 2. TOPOGRAPHIC SURVEY PROVIDED BY BOHANNAN - HOUSTON INC.
 3. PRELIMINARY SITE RECONNAISSANCE PERFORMED BY JOHN M. MACKENZIE, P.E. ON JUNE 28, 1993.
 4. CONTRACTOR SHALL NOTIFY AMAFCA 48 HOURS PRIOR TO PERFORMING ANY WORK WITHIN THE NORTH PINO ARROYO R/W. AMAFCA SHALL BE NOTIFIED 48 HOURS PRIOR TO PLACEMENT OF ANY CONCRETE TO INSPECT REINFORCING STEEL. (884-2215).
 5. LOCATIONS OF EXISTING UTILITIES ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXACT UTILITY POSITIONS AND REPORTING ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER.
 6. AMAFCA TO ALSO INSPECT WIRE TIED RIP-RAP RECONSTRUCTION PRIOR TO BACKFILLING.

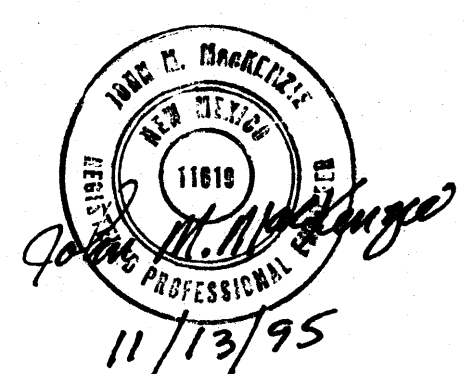


Drainage Calculations

EXISTING CONDITIONS AREA = 2.28 Ac P(100-6) = 2.36 in. D1 = 0.0333 Tp = 0.1333 LAND TREATMENT C = 100% Q(100-6) = 7.36 cfs VOL(100-6) = 9670 cu.ft.	DRAINAGE BASIN "A-1" AREA = 0.91 Ac LAND TREATMENT B = 10% D = 90% Q(100-6) = 4.14 cfs VOL(100-6) = 6578 cu.ft.	DRAINAGE BASIN "B-1" AREA = 0.61 Ac LAND TREATMENT D1 = 0.0333 Tp = 0.1333 B = 30.0% D = 70.0% Q(100-6) = 5.54 cfs VOL(100-6) = 8738 cu.ft.	DRAINAGE BASIN "B-2" AREA = 0.31 Ac LAND TREATMENT D1 = 0.0333 Tp = 0.1333 B = 15.0% D = 85.0% Q(100-6) = 1.43 cfs VOL(100-6) = 2239 cu.ft.	DRAINAGE BASIN "C" AREA = 0.15 Ac LAND TREATMENT D1 = 0.0333 Tp = 0.1333 B = 39% D = 61% Q(100-6) = 0.51 cfs VOL(100-6) = 749 cu.ft.
DRAINAGE BASIN "A-2" AREA = 0.31 Ac LAND TREATMENT B = 20% D = 80% Q(100-6) = 1.39 cfs VOL(100-6) = 2161 cu.ft.				

A.M.A.F.C.A.

John M. Mackenzie
 11/13/95
 APPROVED FOR BUILDING PERMIT DATE



BAR\30516D30\11-13-95

BAR ASSOCIATION BUILDING
 GRADING & DRAINAGE PLAN

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
 CONSULTING ENGINEERS & SURVEYORS
 P.O. BOX 90606
 ALBUQUERQUE, NEW MEXICO 87199
 (505) 345-2010

Designed: JMM	Drawn: MCG	Checked: DMG	Sheet 1 of 1
Scale: 1" = 30'	Date: 6/93	Job: 9351	