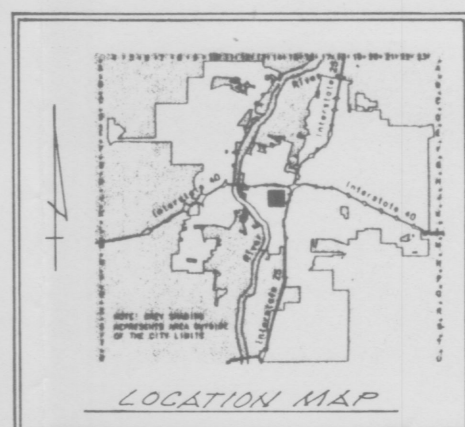
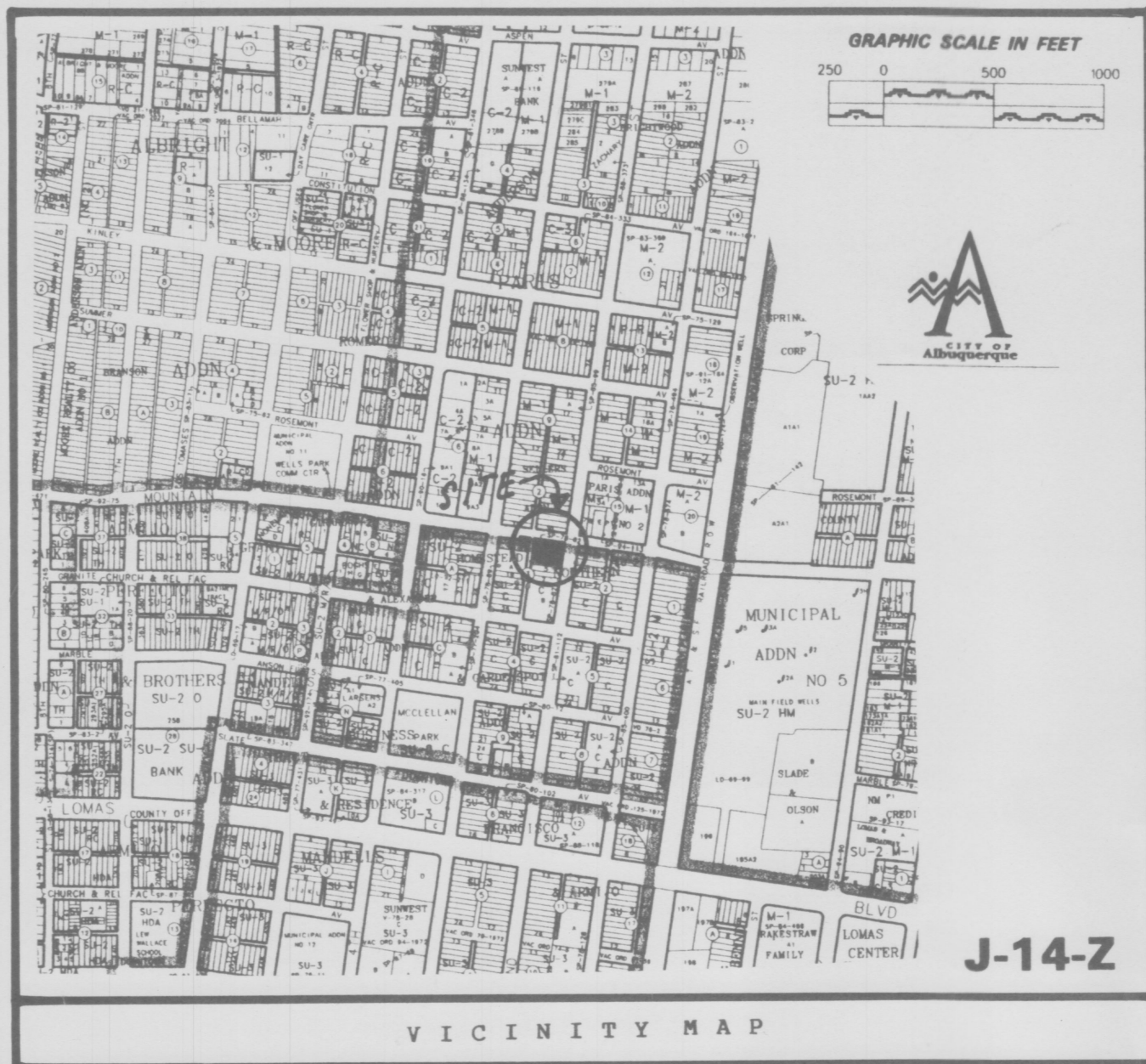




BENCH MARK REFERENCE:
ACS STATION "15-J14", M.S.L.D. ELEVATION = 4955.82,
PROJECT BENCH MARK AS SHOWN ON THE PLAN HEREON.

LEGAL DESCRIPTION:

TRACT "A-1", (A REPLAT OF TRACT "A"), IN BLOCK THREE (3), OF
THE NORTHERN ADDITION, ALBUQUERQUE, NEW MEXICO; (THIS SUBJECT
PROPERTY IS PRESENTLY IN PROCESS OF BEING REPLATTED).

ENGINEER'S CERTIFICATION:

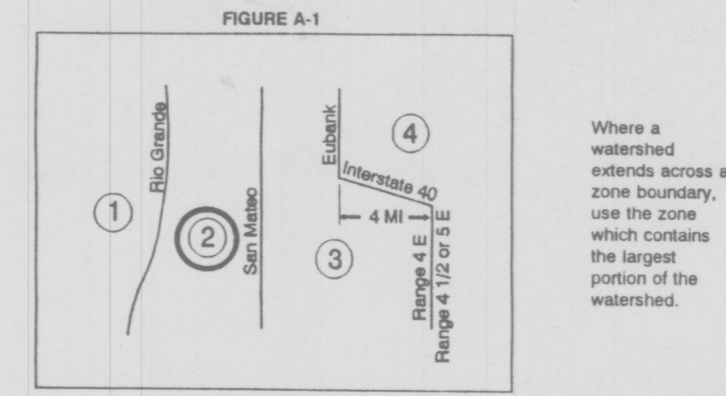
I, LEVI J. VALDEZ, NEW MEXICO REGISTERED PROFESSIONAL
ENGINEER NO. 5693, LICENSED AND REGISTERED UNDER THE
LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT
AN ACTUAL ON THE GROUND FIELD SURVEY OF THE GRADES OF
THE NEW IMPROVEMENTS SHOWN HEREON VERIFY THAT SAID IMPROVE-
MENTS WERE CONSTRUCTED IN "SUBSTANTIAL COMPLIANCE" WITH
THE APPROVED DRAINAGE PLAN FOR SAID SITE.



A-1 PRECIPITATION ZONES

Bernalillo County's four precipitation zones are indicated in TABLE A-1 and on
FIGURE A-1.

TABLE A-1. PRECIPITATION ZONES	
Zone	Location
1	West of the Rio Grande
2	Between the Rio Grande and San Mateo
3	Between San Mateo and Eubank, North of Interstate 40, and between San Mateo and the East boundary of Range 4 East, South of Interstate 40
4	East of Eubank, North of Interstate 40, and East of the East boundary of Range 4 East, South of Interstate 40



Most watersheds contain a mix of land treatments. To determine proportional
treatments, measure respective subareas. In lieu of specific measurement for
treatment D, the areal percentages in TABLE A-5 may be employed.

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE
SOUTHWEST INTERSECTION OF SECOND STREET N.W. AND MOUNTAIN ROAD N.W., IN
THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS
MAP NO. "J-14-2").

THE SUBJECT SITE, 1.) IS PRESENTLY VACANT UNDEVELOPED PROPERTY, 2.) IS
ENCROACHED BY A 100-YEAR FLOODPLAIN (RE: F.E.M.A. FLOODWAY PANEL MAP NO. 28
OF 50), 3.) DOES NOT ACCEPT OFFSITE FLOWS FROM ADJACENT PROPERTIES, 4.)
DOES NOT CONTRIBUTE TO THE OFFSITE FLOWS OF ADJACENT PROPERTIES, 5.) IS TO
HAVE FINISH FLOOR ELEVATION OF THE PROPOSED BUILDING TO BE NO LOWER THAN THE
DESIGNED ELEVATION SHOWN HEREON.

CALCULATIONS:

PER SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2.,
DESIGN CRITERIA FOR THE CITY OF ALBUQUERQUE, NEW MEXICO, JANUARY 1993, AND
PER THE BERNALILLO COUNTY STORM DRAINAGE ORDINANCE.

SITE AREA: 0.38 ACRE
PRECIPITATION ZONE: TWO (2), TABLE A-1.
PEAK INTENSITY: IN./HR. AT T_c = TWELVE (12) MINUTES, 100-YR. = 5.05, TABLE A-
LAND TREATMENT METHOD FOR CALCULATION OF " Q_p ", TABLES A-8 & A-9.
"LAND TREATMENT FACTORS", TABLE A-4.

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.38	X 3.14	= 1.19
$Q_p = 1.19$ CFS			

TREATMENT	AREA/ACRES	FACTOR	CFS
C	0.08	X 3.14	= 0.25
D	0.30	X 4.70	= 1.41
$Q_p = 1.66$ CFS			

*** INCREASE = 0.47 CFS

NOTICE TO CONTRACTOR:

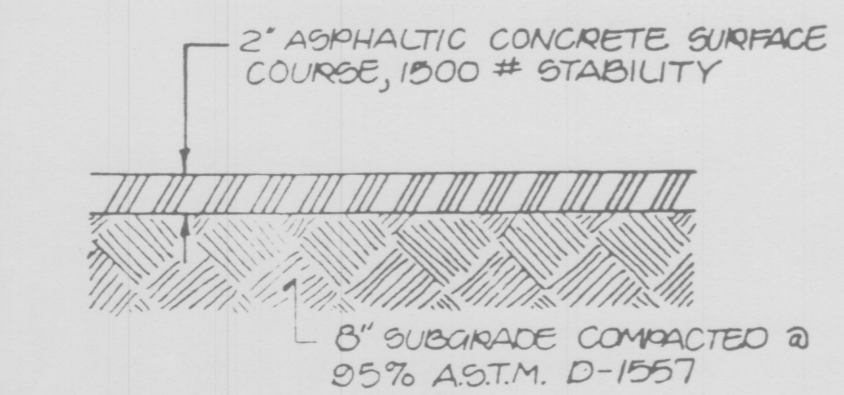
- 1.) AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THIS PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION OF THIS PERMIT.
- 2.) ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATION - PUBLIC WORKS CONSTRUCTION - 1985.
- 3.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 4.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 5.) BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
- 6.) MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.

APPROVALS	NAME	DATE
HYDROLOGY		
INSPECTOR		
A.C.E./FIELD		

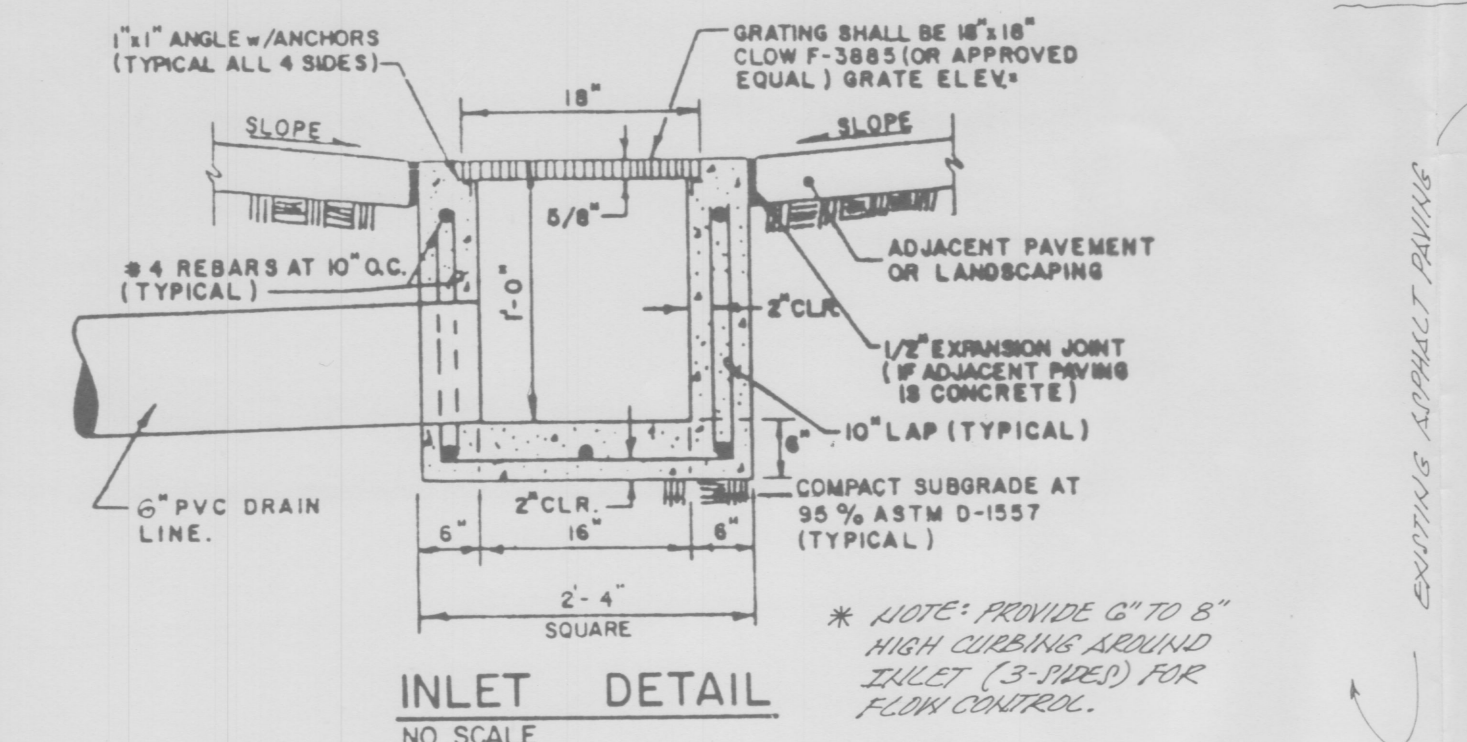
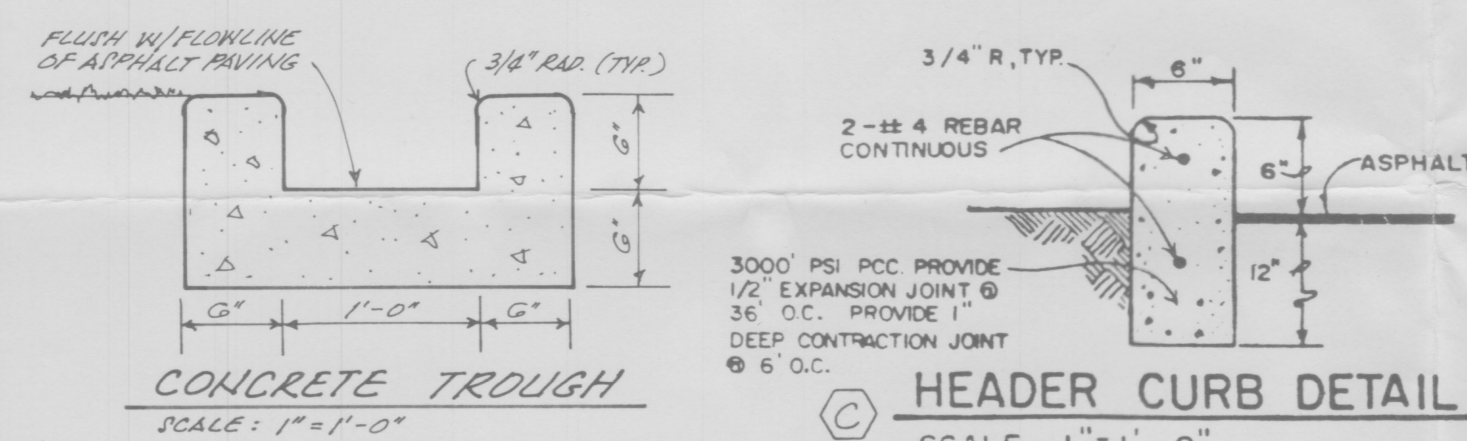
NOTE: ALL WORK WITHIN PUBLIC EASEMENT SHALL BE PERFORMED UNDER SEPARATE PERMIT.

A PROPOSED DRAINAGE PLAN
OF
TRACT "A"
BLOCK THREE (3)
NORTHERN ADDITION
ALBUQUERQUE, NEW MEXICO
(CERTIFICATION: 11-17-97) FEBRUARY, 1997

RECEIVED
NOV 17 1997
HYDROLOGY SECTION



TYPICAL PAVEMENT SECTION
SCALE: 1" = 1'-0"



GENERAL NOTES:

- 1.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN SHOWN ON THE PLAN HEREON.
- 2.) TOPOGRAPHY SURVEY INFORMATION PROVIDED BY TORRES SURVEYING COMPANY, ALBUQUERQUE, NEW MEXICO.
- 3.) PROPOSED LANDSCAPED AREAS ARE TO BE PER ARCHITECT'S SITE PLAN.
- 4.) THE PROPOSED DESIGNED ALLEY GRADES ADJACENT TO THE PROPERTY ARE TO BE COMPATIBLE TO THIS GRADING AND DRAINAGE PLAN.

LEGEND:

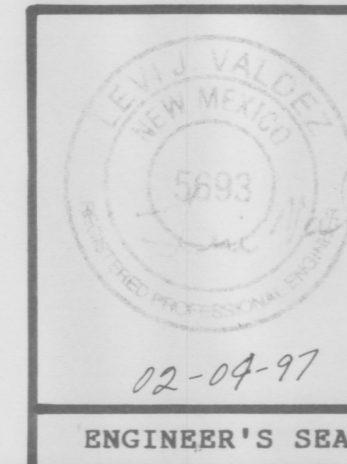
TOP OF CURB ELEVATION = $70' 55.3'$
CURB FLOWLINE ELEVATION = $E = 54.74$
EXISTING OR PROPOSED CONCRETE =
EXISTING SPOT ELEVATION = 56.2
PROPOSED SPOT ELEVATION = 56.20
EXISTING CONTOUR = 55.0
PROPOSED CONTOUR = 56.00

EROSION CONTROL MEASURES:

- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN-OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:
- 1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
 - 2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
 - 3.) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

CONSTRUCTION NOTES:

- 1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- 2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- 3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.



(CERTIFICATION: 11-17-97)