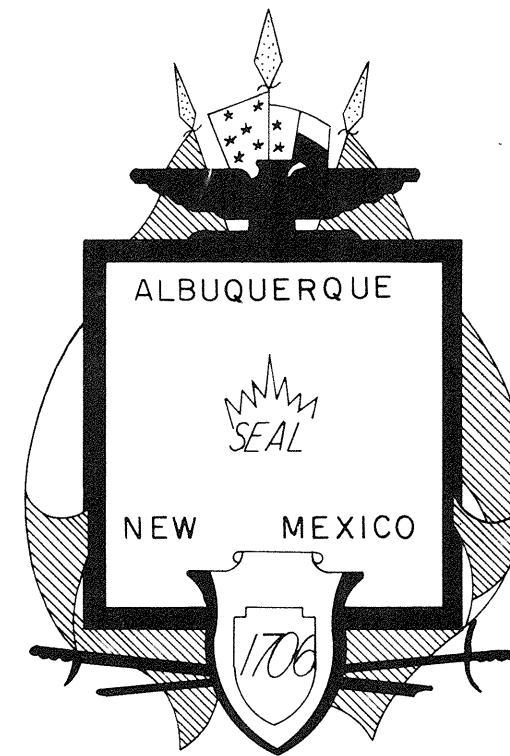




CITY OF ALBUQUERQUE, NEW MEXICO

BEAR CANYON PLAZA

EUBANK AT OSUNA

DRAINAGE IMPROVEMENTS

JUNE, 1985

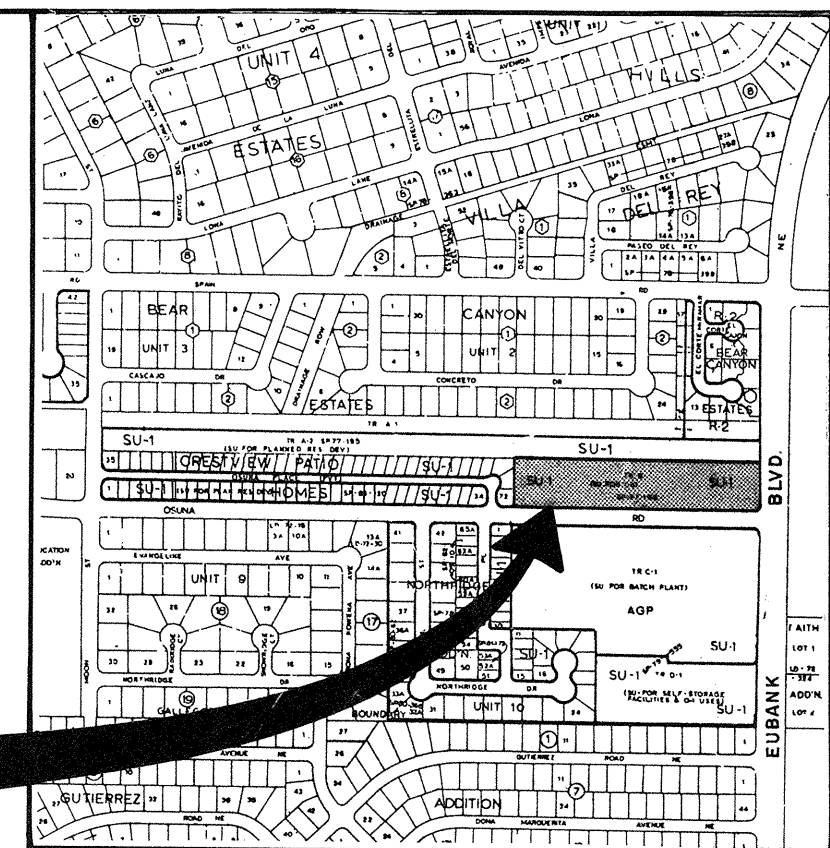
INDEX

TITLE SHEET	1
EASEMENT & RIGHT OF WAY SHT.	2
DRAINAGE & GRADING PLAN SHT.	3
RIPRAP DETAILS SHEET	4



DENNEY-GROSS & ASSOCIATES, INC.
ENGINEERS - PLANNERS
ALBUQUERQUE, NEW MEXICO 87107

PROJECT LOCATION



VICINITY MAP
N.T.S. MAP N° F-20

GENERAL NOTES

All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "City of Albuquerque Interim Standard Specifications for Public Works Construction."

Two working days prior to any excavation, Contractor must contact Line Locating Service, 765-1234, for the location of existing utilities.

Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all existing utilities and potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.

The Contractor shall maintain access to adjacent properties at all times.

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.

The Contractor must submit a construction signing and barricading plan to Traffic Engineering to receive a barricading permit prior to construction.

All dimensions and radii of curb and curb returns are shown to face of curb unless otherwise noted.

Where removal of existing curb and gutter, sidewalk or pavement is required the Contractor shall sawcut and/or remove to the nearest joint. Curb and gutter shown as existing and not to be removed under this contract which is damaged or displaced by the Contractor shall be removed and replaced by the Contractor at the Contractor's expense.

Restriping of roadway shall be the responsibility of the City of Albuquerque and shall not be included in this contract.

Backfill compaction shall be according to specified street use.

Tack coat requirements shall be determined by the City Engineer.

Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.

If curb is depressed for a driveway or a handicap ramp, the driveway or ramp shall be constructed prior to acceptance of the curb and gutter.

All storm drainage facilities shall be completed prior to final acceptance.

1 2 3 4 5 6 7 8 9 10 11 12
26 25560188

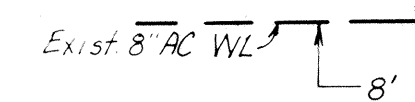
APPROVAL OF AS-BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell E. Smith
DATE 4-27-85

REV.	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE

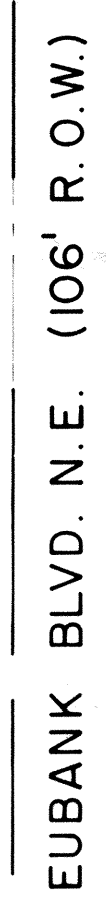
APPROVAL OF REVISIONS

	DENNEY-GROSS & ASSOC., INC. ENGINEERS SURVEYORS PLANNERS 2400 COMANCHE RD. N.E., ALBUQ. N.M. 87107 (505) 884-0696	APPROVED FOR CONSTRUCTION C.E.
	2556	SHEET 1 OF 4

D.G.A. JOB NO. 793.12



Exist. 8" AC W/L



Note:
The City of Albuquerque will not be
held responsible for Cost of restoring
Landscaped to their original Condition

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE	BEAR CANYON PLAZA EASEMENT & RIGHT OF WAY SHEET
-------	--

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	<i>R. A. NA.</i>	8/20/85
ADE Design			Traffic	<i>NA DWH</i>	8/28/85
Hydrology			Water	<i>R. A. NA.</i>	8/28/85

DRAWING NO	2556	MAP NO F - 20	SHEET 2	OF 4
---------------	------	------------------	------------	---------

DGA JOB NO 793.12

AS FULT INFORMATION

DATE

MICRO FILM INFORMATION

The Station is located at the intersection of Osuna Rd and Eubank Blvd. in the Southwest quadrant of the intersection. Station Mark is established by ACS, a 6" x 6" cut on the top of concrete curb at WSW curb return.

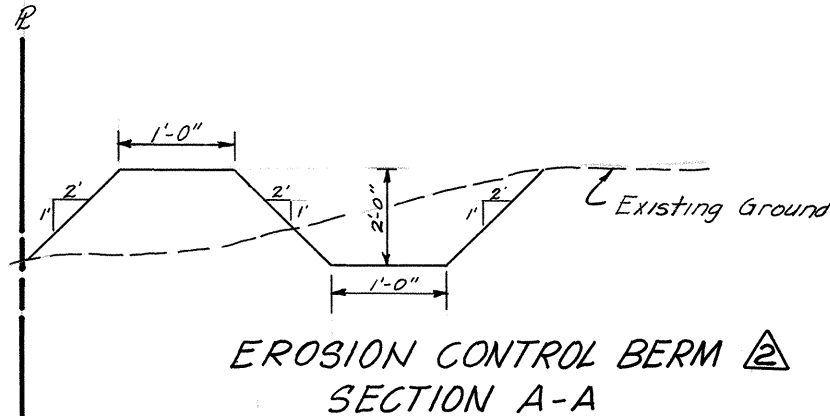
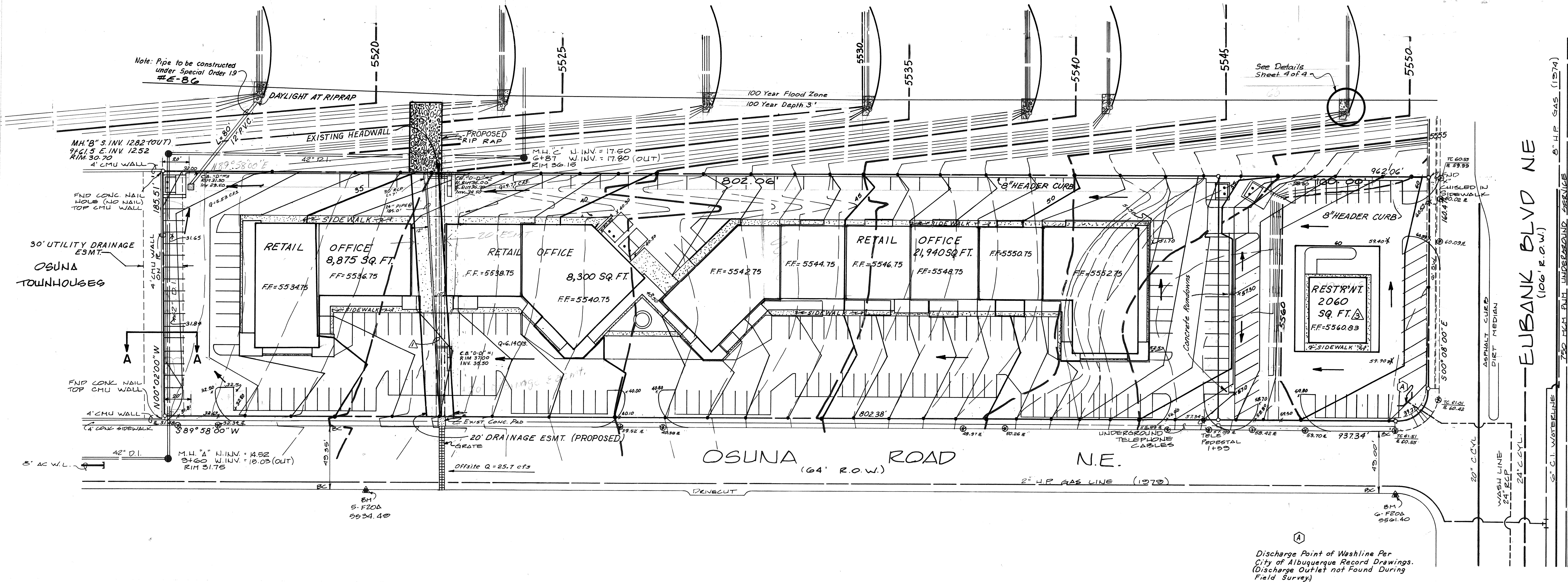
SECRET, INFORMATION
FILE NO. 100-441100
BY [redacted]
NC

NO	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY J. A. J.	
		CHECKED BY E. O. J. C. R.	DATE JUNE 1985
		APPROVED BY J. A. J.	DATE JUNE 1985

SCALE: 1" = 40'

Note: RipRap only to be included in W.O. 2556

Description:
Tract "B" of Lands
of A.G.R. Summary Plat
as Filed in the Office
of the Bernalillo County
Clerk on April 12, 1977
in Vol. D-7 Folio 157



LEGEND

- Erosion Control Berm
- Flow Arrows
- Curb Opening
- Concrete Rundown
- Existing Spot Elevation
- Proposed Spot Elevation
- Drop Structure
- Existing Channel (To Be Removed)
- Single "D" Catchbasin
- Double "D" Catchbasin
- Wire enclosed Riprap

Note:
Header Curb
To be Constructed
in Accordance
with C.O.A. Dwg. K-6

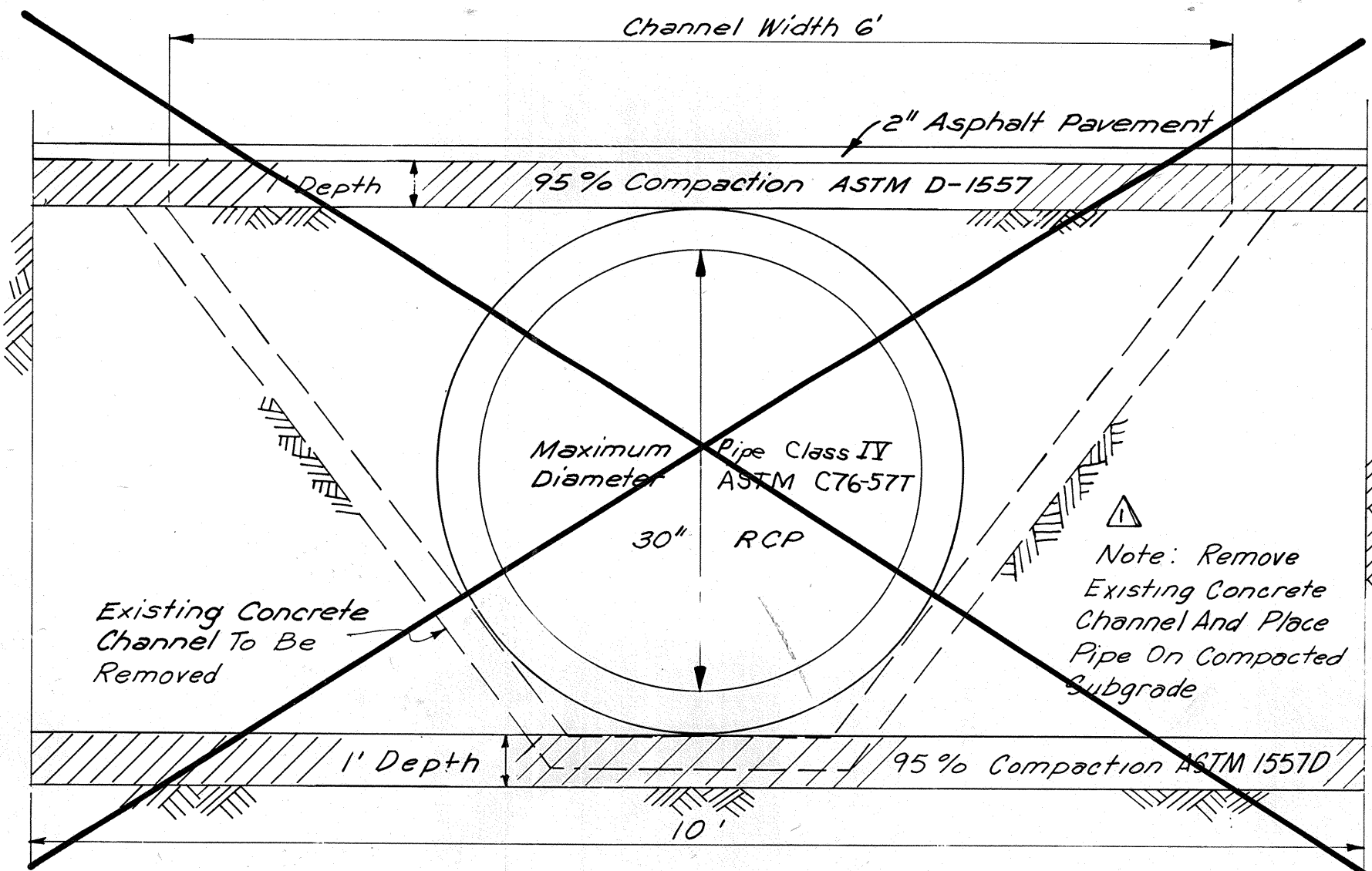
Note:
To be constructed
in Accordance
with C.O.A. Dwg. K-6

APPROVED FOR ROUGH GRADING
(±1.0')
Col. R. Phelps 5-16-85
HYDROLOGY DATE

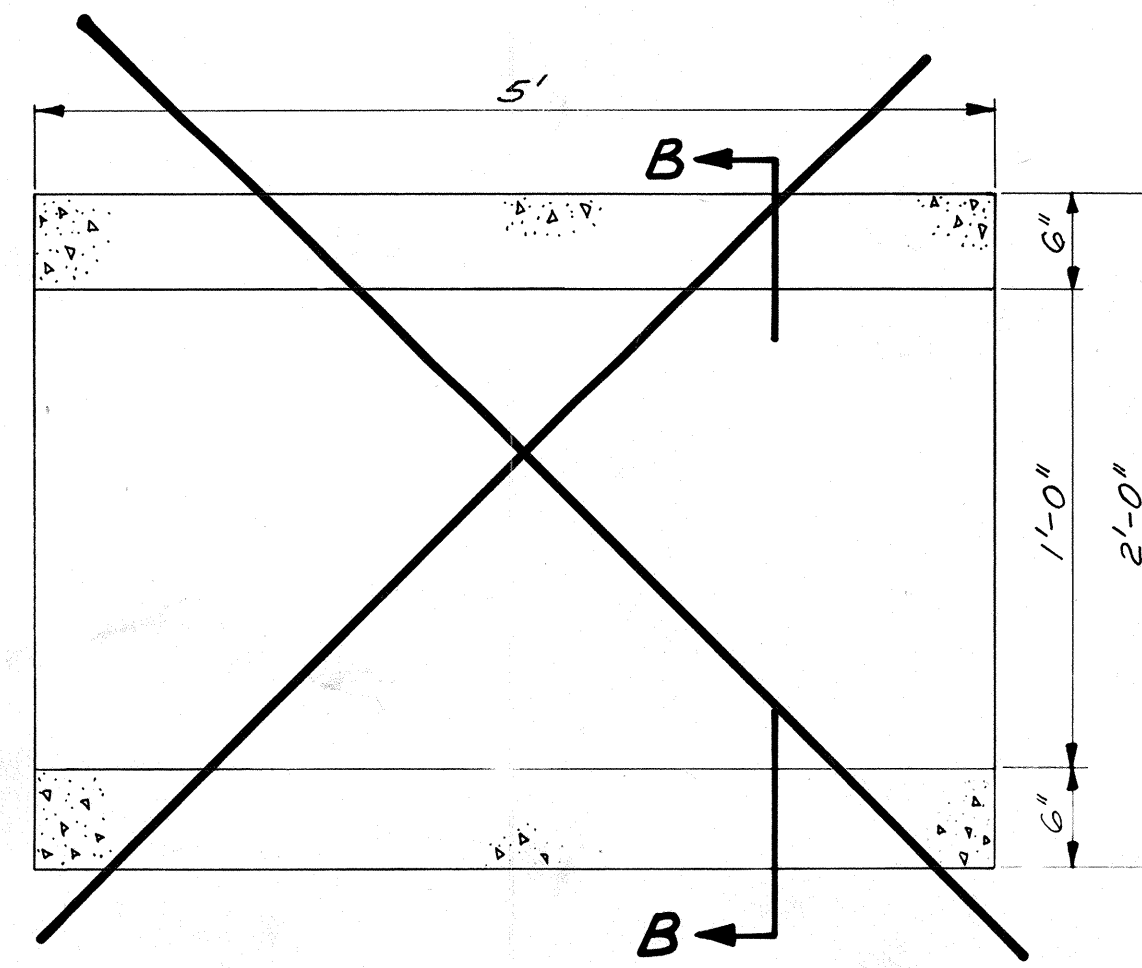
EXHIBIT III

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: BEAR CANYON PLAZA DRAINAGE & GRADING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Ch. Phelps	5/16/85	Liquid Waste	R. NA.	8/28/85
A.C.E.-Design	J. Phelps	7/16/85	Traffic	NA DWH	8/28/85
Hydrology	J. Phelps	8/28/85	Water	R. NA.	8/28/85
DRAWING NO.	2556	MAP NO.	F-20	SHEET	3 OF 4

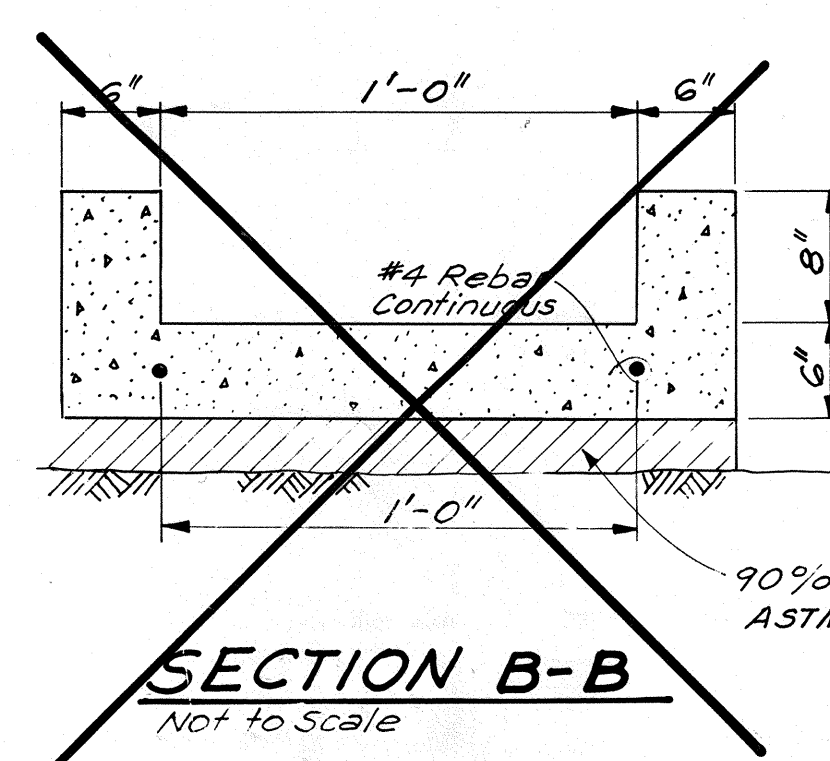
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR		DATE		NO.	BY	DATE		NO.	DATE	BY	DATE
WORK		DATE									
INSPECTED BY		DATE									
ACCEPTANCE BY		DATE									
VERIFICATION BY		DATE									
DRAWINGS		DATE									
REVISIONS		DATE									
NO.		DATE									



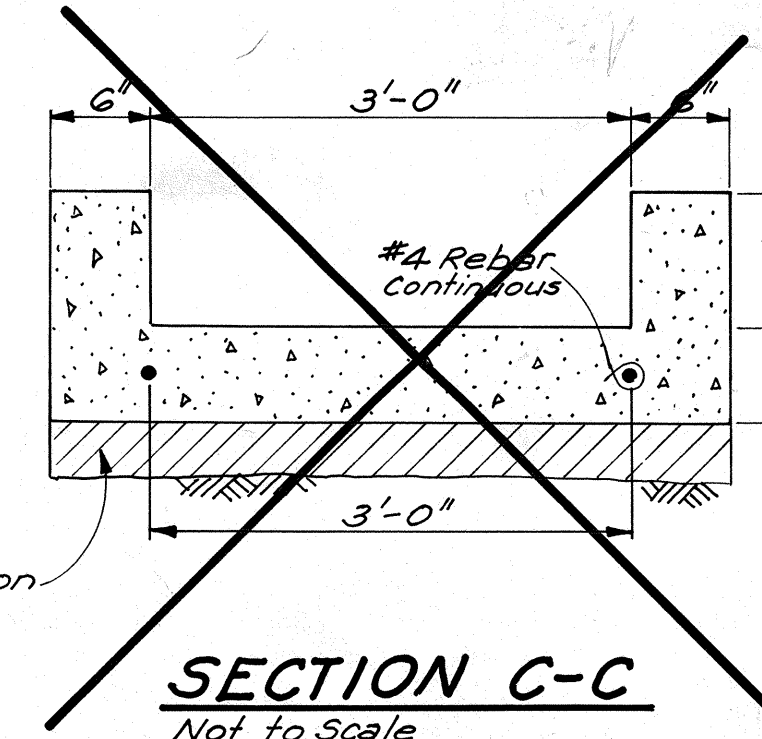
PIPE DETAIL
Not to Scale



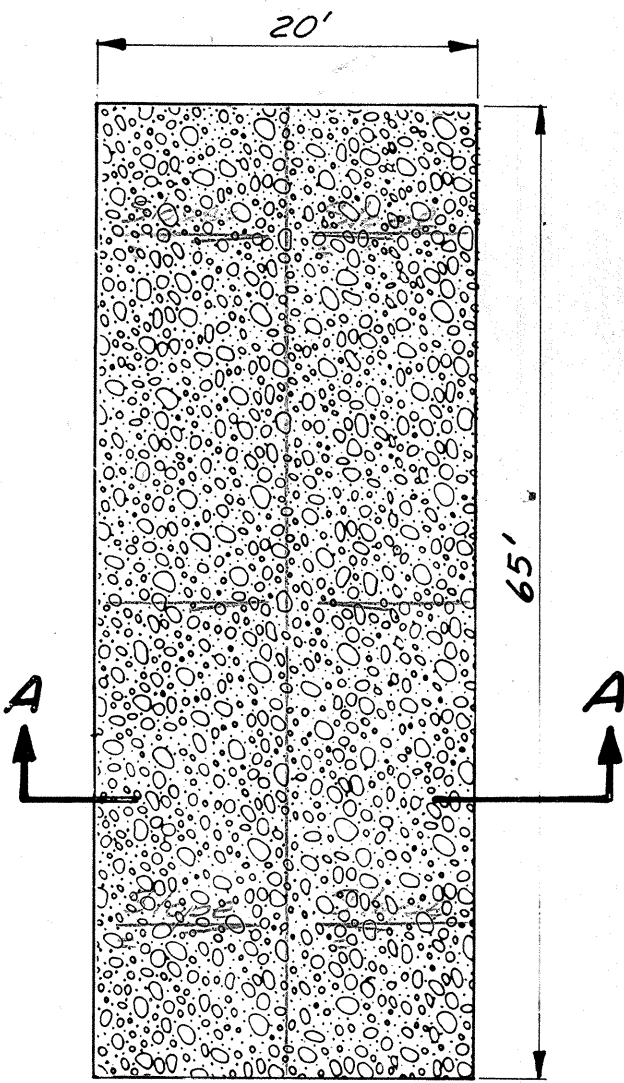
CONCRETE RUNDOWN DETAIL
Not to Scale



SECTION B-B
Not to Scale

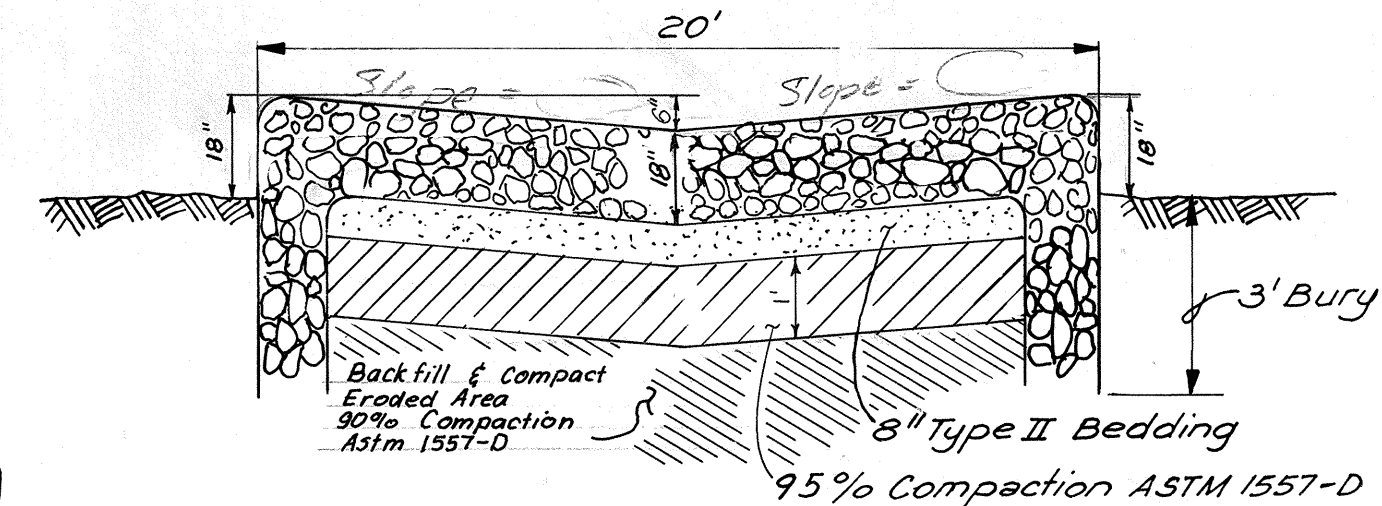


SECTION C-C
Not to Scale

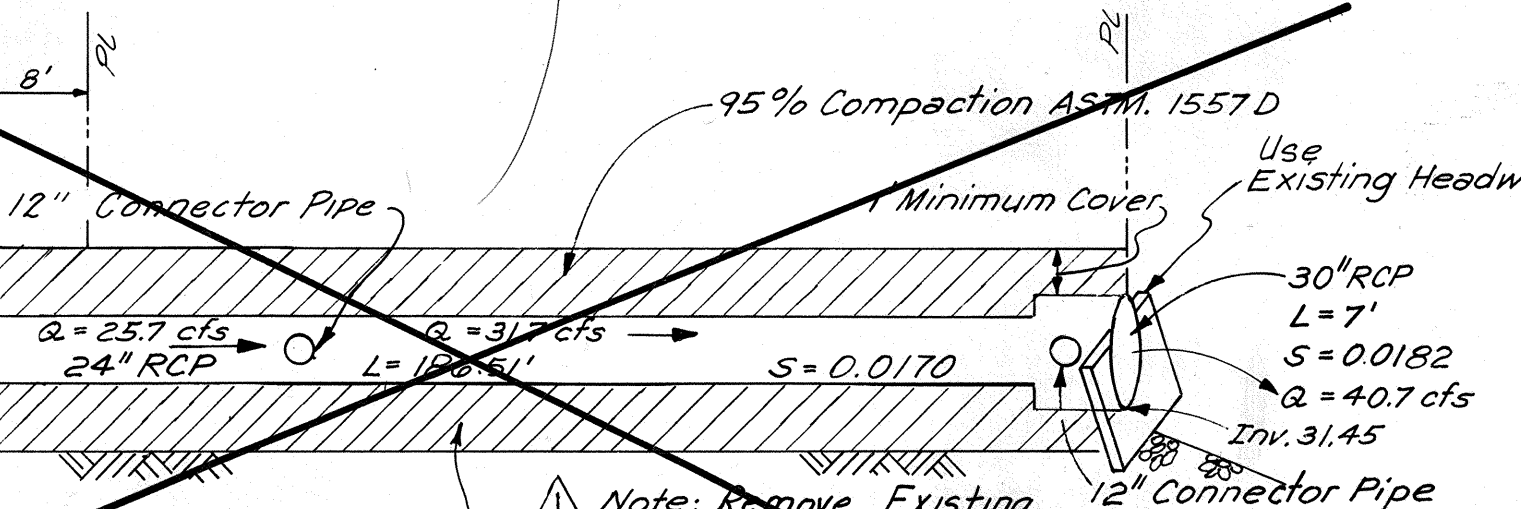


SECTION A-A

Riprap for Pipe Outlet

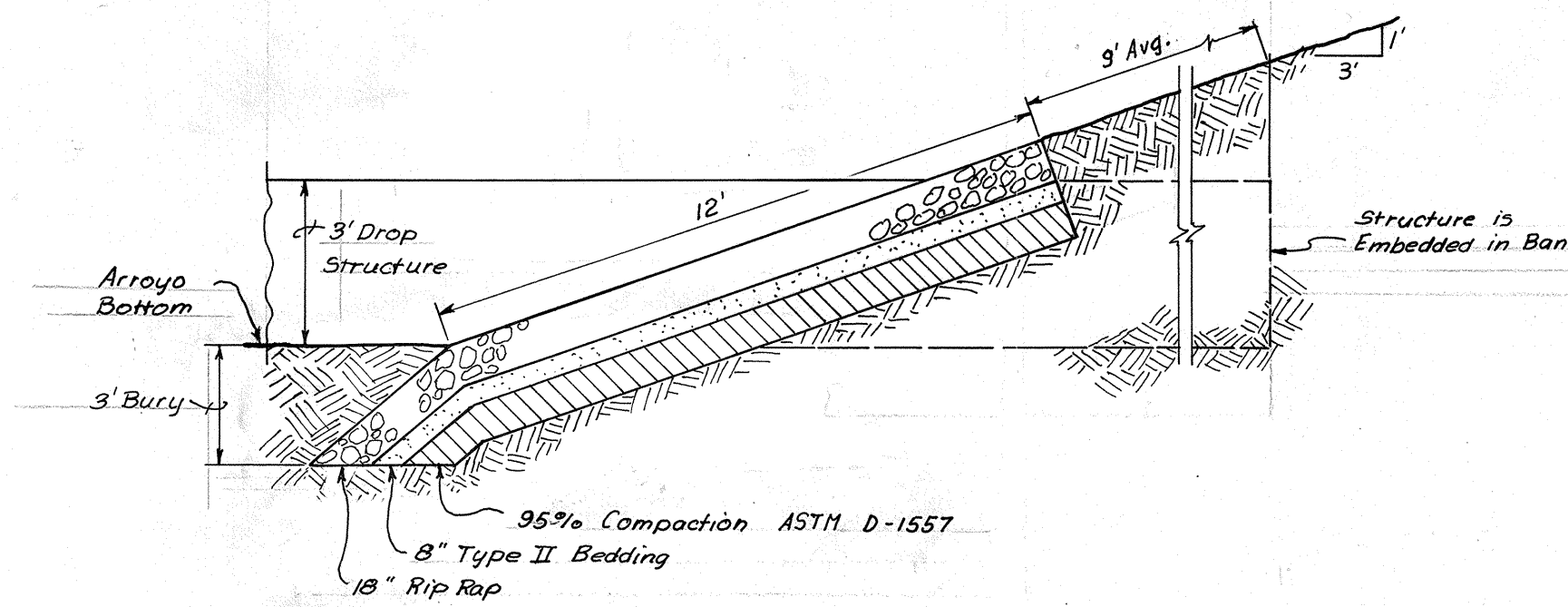


Note: Inv. Of Pipe Matches
Inv. Of Cattle Guard Channel

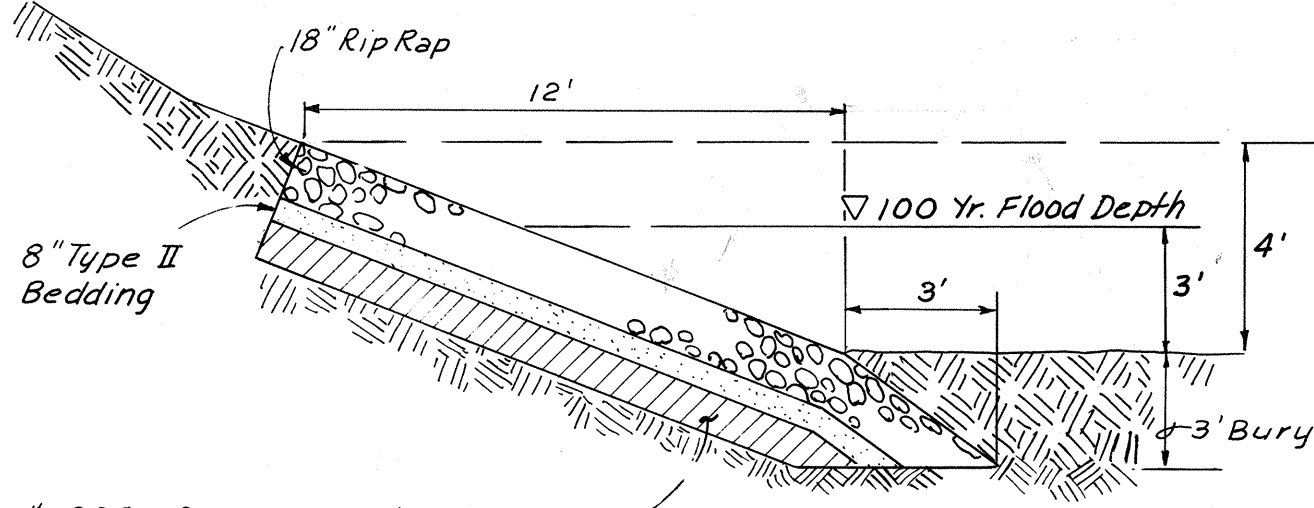


DRAINAGE PIPE DETAIL
Not to Scale

Pipe Class II
A.S.T.M. C76-57T

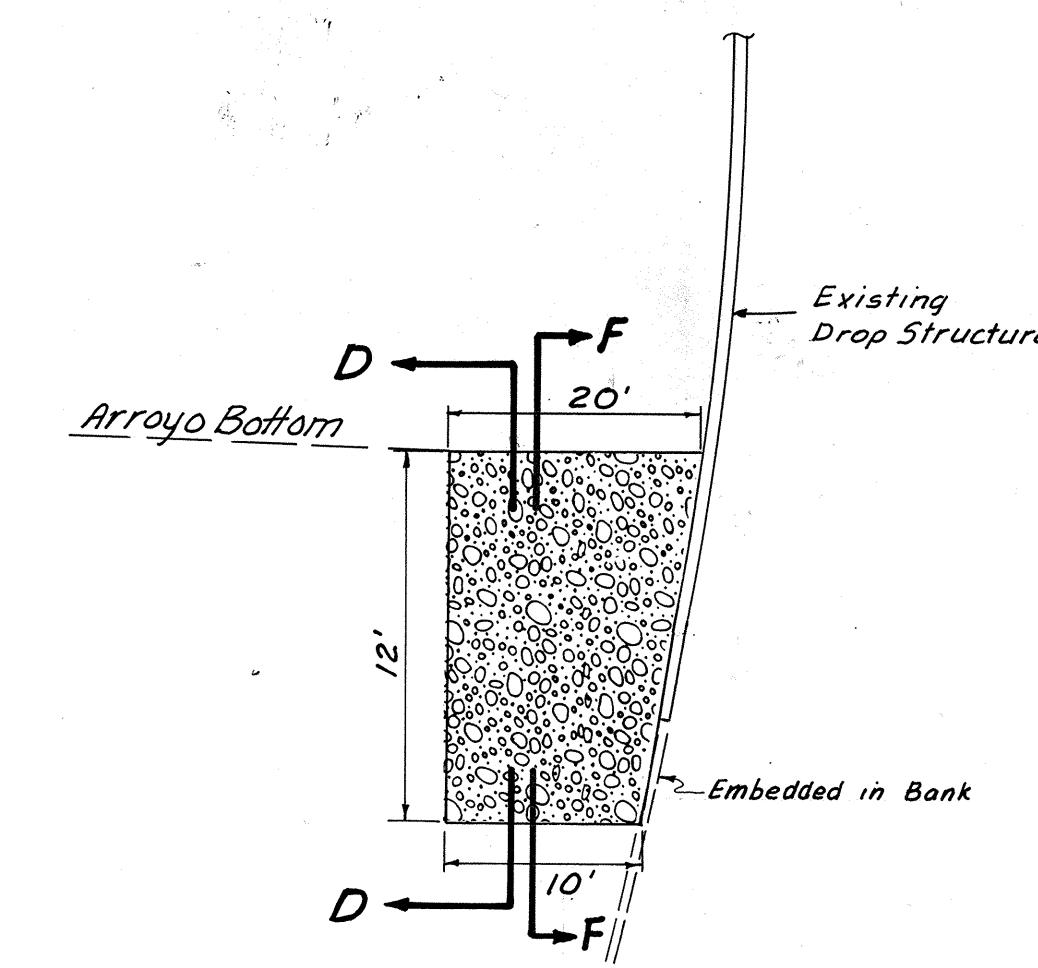


SECTION F-F
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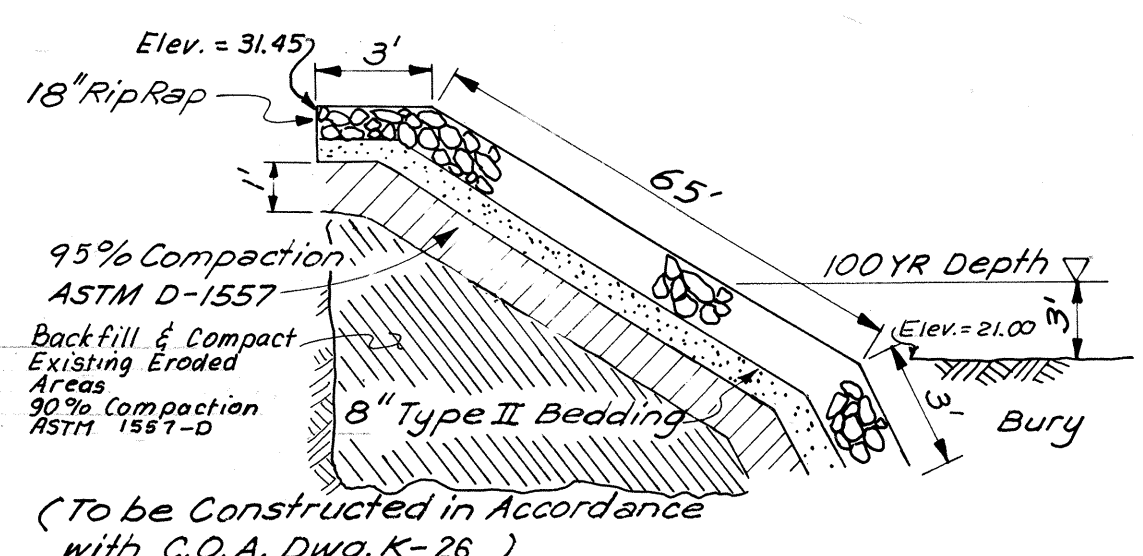
SECTION D-D

(Riprap to be Constructed in Accordance with C.O.A. Dwg. K-26)
Typical Riprap Detail for Drop Structures



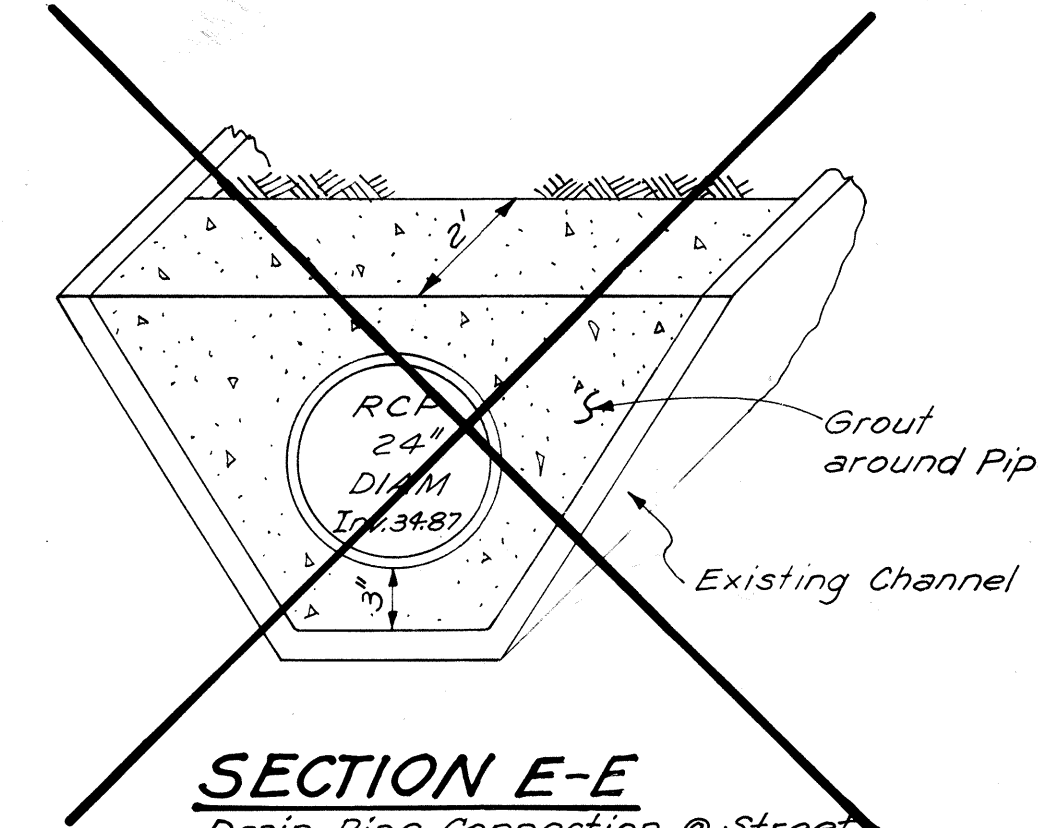
TYPICAL RIPRAP DETAIL
Not to Scale

For Drop Structures



WIRE ENCLOSED RIPRAP
Not to Scale

For Pipe Outlet



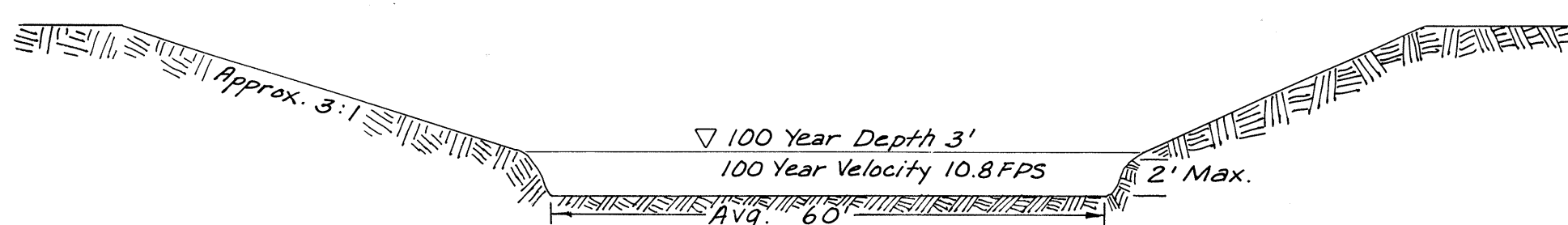
SECTION E-E
Drain Pipe Connection @ Street

RIPRAP AND FILTER MATERIAL GRADATION

RIPRAP Designation	% Smaller Than Given Size By Weight	Minimum Dimension Inches
Type M	100 35-55 10	18 12 3

FILTER GRAVEL

Sieve Size	% By Weight Passing Square Mesh Sieves
2"	90 - 100
3/4"	20 - 90
#4	0 - 20
#200	0 - 3



TYPICAL CHANNEL CROSS-SECTION
Not to Scale

ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE
BY		BY		BY	
REMARKS		REMARKS		REMARKS	
DESIGNED BY J.A.J.		DATE 03/1985		DATE 03/1985	
DRAWN BY M.F., K.Z., J.S.P.		DATE 03/1985		DATE 03/1985	
CHECKED BY L.C.G.		DATE 03/1985		DATE 03/1985	

26 2556 0488

EXHIBIT IV

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: EUBANK @ OSUNA RIPRAP DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/10/85	Liquid Waste	<i>[Signature]</i>	9/10/85
A.C.E. Design	<i>[Signature]</i>	9/10/85	Traffic	<i>[Signature]</i>	9/10/85
Hydrology	<i>[Signature]</i>	9/28/85	Water	<i>[Signature]</i>	9/28/85
DRAWING NO.	2556	MAP NO.	F-20	SHEET	4 OF 4