

CITY OF ALBUQUERQUE, NEW MEXICO

PORTED RISERS 2012

CONSTRUCTION PLANS FOR

PORTED RISERS

ODELIA DAM

CITY PROJECT NO. 4400.04

INDEX OF DRAWINGS

	<u>SHEET</u>	<u>DESCRIPTION</u>
1	G-001	COVER SHEET
2	C-500	MISCELLANEOUS DETAILS
3	C-501	FRAME & DOOR DETAILS
4	SHEET 1 OF 17	ODELIA PARK DAM COVER SHEET AS-BUILTS - FOR INFORMATION ONLY
5	SHEET 14 OF 17	ODELIA PARK DAM RESERVOIR AS-BUILTS - FOR INFORMATION ONLY
6	SHEET 16 OF 17	ODELIA PARK DAM TRASH RACK AND RUN DOWN DETAILS AS-BUILTS - FOR INFORMATION ONLY

Construction Project Information

City Inspector: Olga Lopez

City Project Coordinator: Not Applicable

Urban Program Supervisor: Don Morales

Construction Engineer: Bryan Wolfe

Contractor: Albuquerque Asphalt

Contractor Project Manager: Dan Fisher

Surveyor: Not Applicable

City Project Manager: Sertil Kanbar

Letter of Acceptance Date: April 19, 2013

THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS INSTRUMENT ARE OWNED BY AND THE PROPERTY OF MOLZEN-CORBIN & ASSOCIATES, AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF MOLZEN-CORBIN & ASSOCIATES.

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION DOCUMENTS. IT IS THE INTENT OF THESE DRAWINGS TO SHOW THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF REQUIRED WORK. THERE MAY BE DIFFERENCES FROM THE LOCATION SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHALL A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

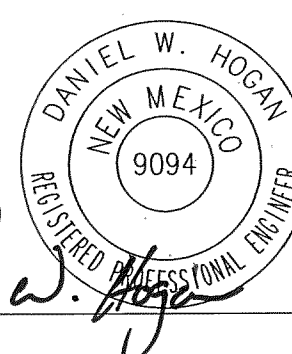
RECORD DRAWING ACCEPTANCE:

THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY:

Brian Wolfe, P.E. 4/5/2013
DATE

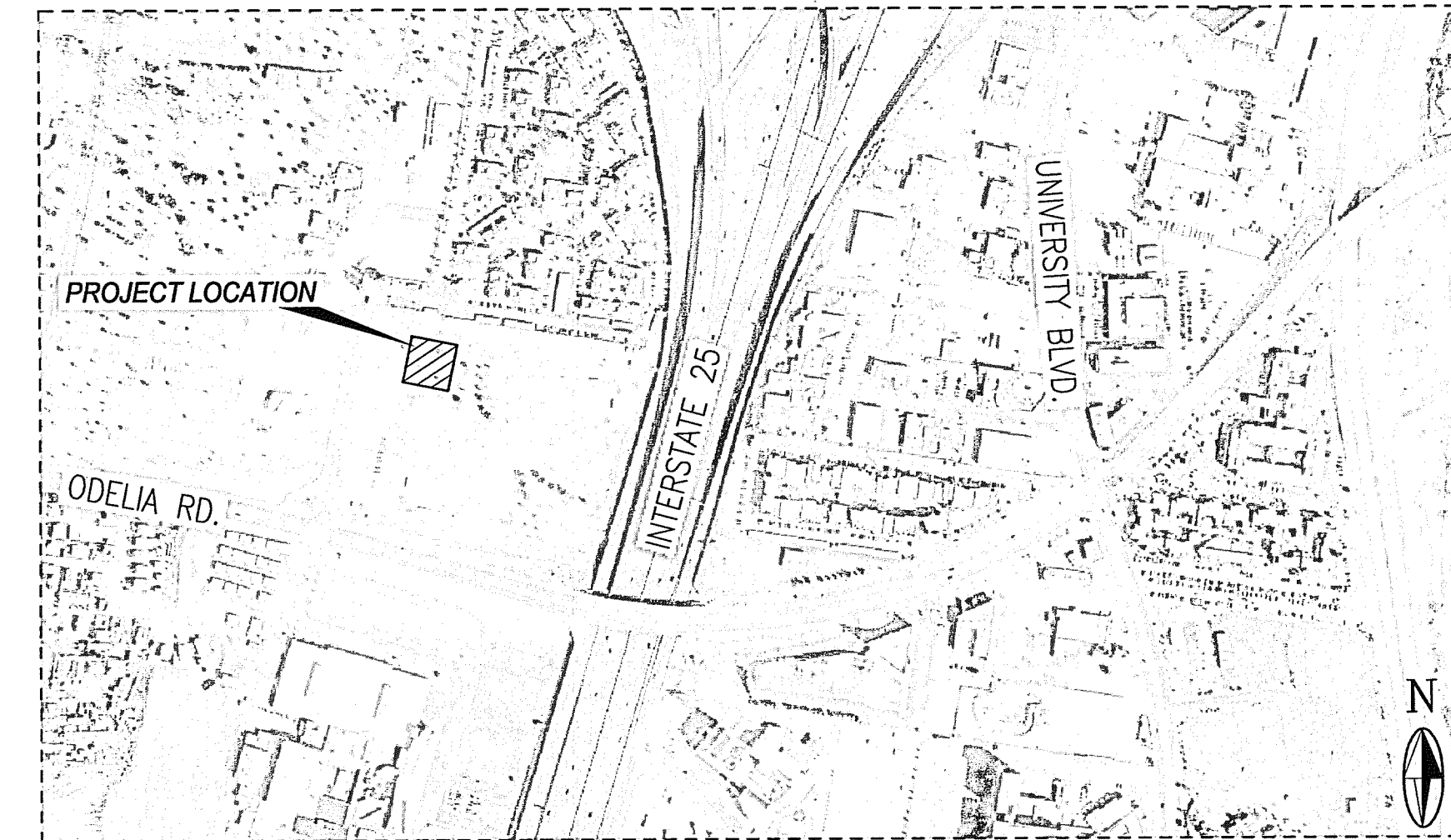
CERTIFICATION:

I, DANIEL W. HOGAN, REGISTERED PROFESSIONAL ENGINEER NO. 9094
HEREBY CERTIFY THAT THE FOLLOWING PLANS AND DESIGNS WERE MADE
UNDER MY SUPERVISION AND DIRECTION AND THAT SAME IS TRUE AND
CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

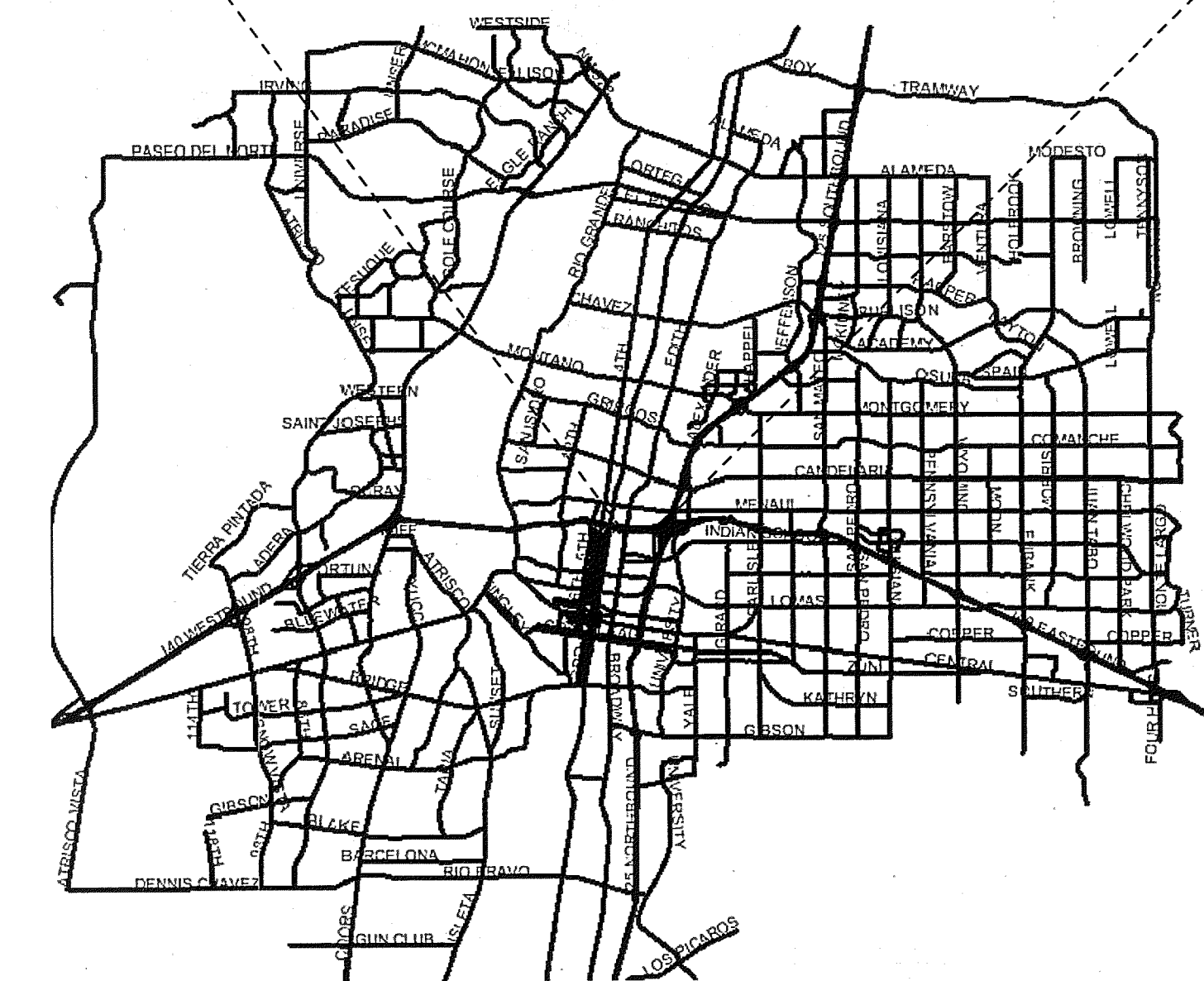


N.M.P.E.

NO. 9094



VICINITY MAP ENLARGEMENT




VICINITY MAP

COA ZONE ATLAS MAP H-15, J-15

MOLZENCORBIN

2701 Miles Road SE
Albuquerque, New Mexico 87106
505 242 5700 office
505 242 0673 fax
MolzenCorbin.com

RECORD DRAWING	
DATE: 03/2013	DRAWN BY: MOLZEN CORBIN
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS ON INFORMATION COMPILED AND FURNISHED BY OTHERS. MOLZEN-CORBIN AND ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT.	
NUMERIC SCALE FRACTIONS	
DRAWINGS ARE DEPICTED AT INTENDING NUMERIC SCALES IF THIS BAR EQUALS ONE INCH	
	

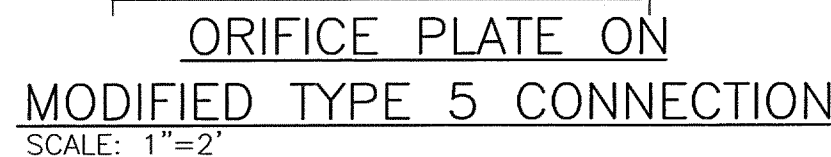
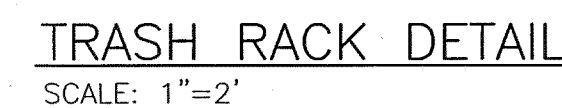
www.enr.com

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVALS	ENGINEER	DATE	*****
DRC Chairman	<i>[Signature]</i>	<i>10-24-12</i>	<div style="font-size: small;">APPROVED FOR CONSTRUCTION [Signature] Date <i>10-24-12</i></div>
Transportation	N/A		
Water/Wastewater	<i>[Signature]</i>	<i>10-24-12</i>	
Hydrology	<i>[Signature]</i>	<i>10-24-12</i>	
Aviation			
Constr. Mngnt.			



City Project No. 4400.04

Sheet 1 of 6
G-001



REVISIONS		BY
NO.	DATE	REMARKS
DESIGN		
DESIGNED BY	DH	DATE MARCH 2012
DRAWN BY	JLB	DATE MARCH 2012
CHECKED BY	DH	DATE MARCH 2012

MOLZEN CORBIN

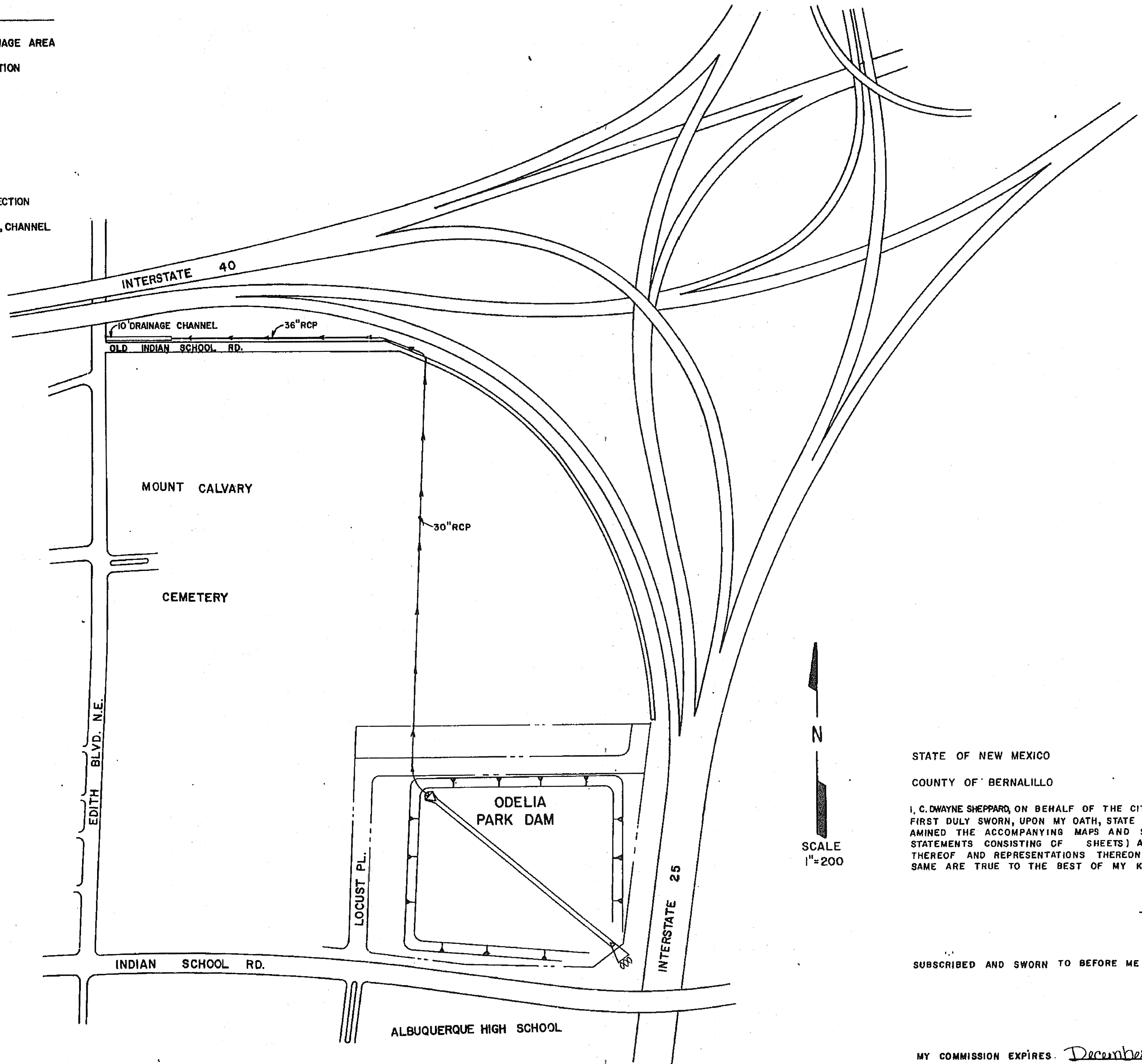
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP													
TITLE: PORTED RISERS													
ODELIA DAM MISCELLANEOUS DETAILS													
Design Review Committee	City Engineer Approval	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> <tr><td style="height: 20px;"></td><td></td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.								
Mo./Day/Yr.	Mo./Day/Yr.												
 <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="text-align: center; padding: 5px;">OCT 24 2012</div> <div style="text-align: center; font-size: 0.8em;">DESIGN REVIEW COMMITTEE</div> </div>	 <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 100px;"> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">APPROVE</div> <div style="text-align: center; padding: 5px;">OCT 24 2012</div> <div style="text-align: center; font-size: 0.8em;">CITY ENGINEER</div> </div>												
City Project No.	Zone Map No.	Sheet	2 Of 6										
4400.04	H-15. J-15	C-500											



ODELIA PARK DAM ALBUQUERQUE NEW MEXICO

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	100 YEAR STORM CONTRIBUTING DRAINAGE AREA
3	(PMF)CONTRIBUTING DRAINAGE AREA
4	SUMMARY OF PLATS WITH PARK LOCATION
5	HYDROLOGY
6	LOGS OF TEST HOLES
7	DAM KEY TRENCH
8	TOPOGRAPHY
9	TOPOGRAPHY
10	TOPOGRAPHY
11	STORM DRAIN PLAN & PROFILE
12	STORM DRAIN PLAN & PROFILE
13	CHANNEL PLAN & PROFILE
14	RESERVOIR FLOOR CHANNEL
15	PRINCIPAL SPILLWAY & TYPICAL DAM SECTION
16	TRASH RACK & RUN DOWN DETAILS
17	OUTLET STRUCTURE, FLAIED SECTION, CHANNEL LINING AND BOLLARD DETAILS.



ODELIA PARK DAM FACILITIES & VICINITY MAP

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

I, DWAYNE SHEPPARD, STATE THAT I AM A REGISTERED PROFESSIONAL ENGINEER QUALIFIED IN CIVIL ENGINEERING AND THAT THE ACCOMPANYING PLANS CONSISTING OF 17 SHEETS WERE PREPARED BY ME OR UNDER MY DIRECTION AND ARE TRUE AND EARNEST TO THE BEST OF MY KNOWLEDGE AND BELIEF.



C. DWAYNE SHEPPARD
NEW MEXICO REGISTERED
PROFESSIONAL ENGINEER
NO. 3908

SUBSCRIBED AND SWORN TO BEFORE ME THIS 14 DAY OF
February, 1983

MY COMMISSION EXPIRES: December 31, 1985
Theresa M. Martinez
NOTARY PUBLIC

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

I HEREBY CERTIFY THAT THE ACCOMPANYING PLANS AND SPECIFICATIONS HAVE BEEN DULY EXAMINED BY ME AND APPROVED AS TO FORM AND CONTENT, AND WERE DULY ACCEPTED FOR FILING ON THE DAY OF 1983.

STATE ENGINEER

ODELIA PARK DAM

CITY OF ALBUQUERQUE APPLICANT, LOCATED IN BERNALILLO COUNTY, STATE OF NEW MEXICO. ALL COURSES TRUE. THE UNDERSIGNED, CITY OF ALBUQUERQUE CLAIMANT, WHOSE POST OFFICE ADDRESS IS P.O. BOX 1293, ALBUQUERQUE, COUNTY OF BERNALILLO, STATE OF NEW MEXICO, HAS CAUSED TO BE LOCATED BY A QUALIFIED REGISTERED ENGINEER THE ODELIA PARK DAM AS HEREINAFTER DESCRIBED AND INDICATED, HEREBY MAKES THESE SEVERAL STATEMENTS RELATIVE THERE AND OFFERS THIS MAP AND STATEMENTS FOR ACCEPTANCE AND FILING IN COMPLIANCE WITH THE LAWS OF THE STATE OF NEW MEXICO.

THE CENTER OF THE OUTLET STRUCTURE RACK OF ODELIA PARK DAM IS SITUATED WITHIN THE NE 1/4, NW 1/4 OF PROJECTED SECTION 16, TION, R 3 E, N.M.P.M., ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AND BEARS NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE OF X=385,237, Y=1,491,890.

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

I, C. DWAYNE SHEPPARD, ON BEHALF OF THE CITY OF ALBUQUERQUE, BEING FIRST DULY SWORN, UPON MY OATH, STATE THAT I HAVE READ AND EXAMINED THE ACCOMPANYING MAPS AND STATEMENTS (MAPS AND STATEMENTS CONSISTING OF SHEETS) AND KNOW THE CONTENTS THEREOF AND REPRESENTATIONS THEREON, AND STATE THAT THE SAME ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. Dwayne Sheppard
AUTHORITY, CLAIMANT

SUBSCRIBED AND SWORN TO BEFORE ME THIS 14 DAY OF Feb 1983

Theresa M. Martinez
NOTARY PUBLIC

MY COMMISSION EXPIRES: December 31, 1985

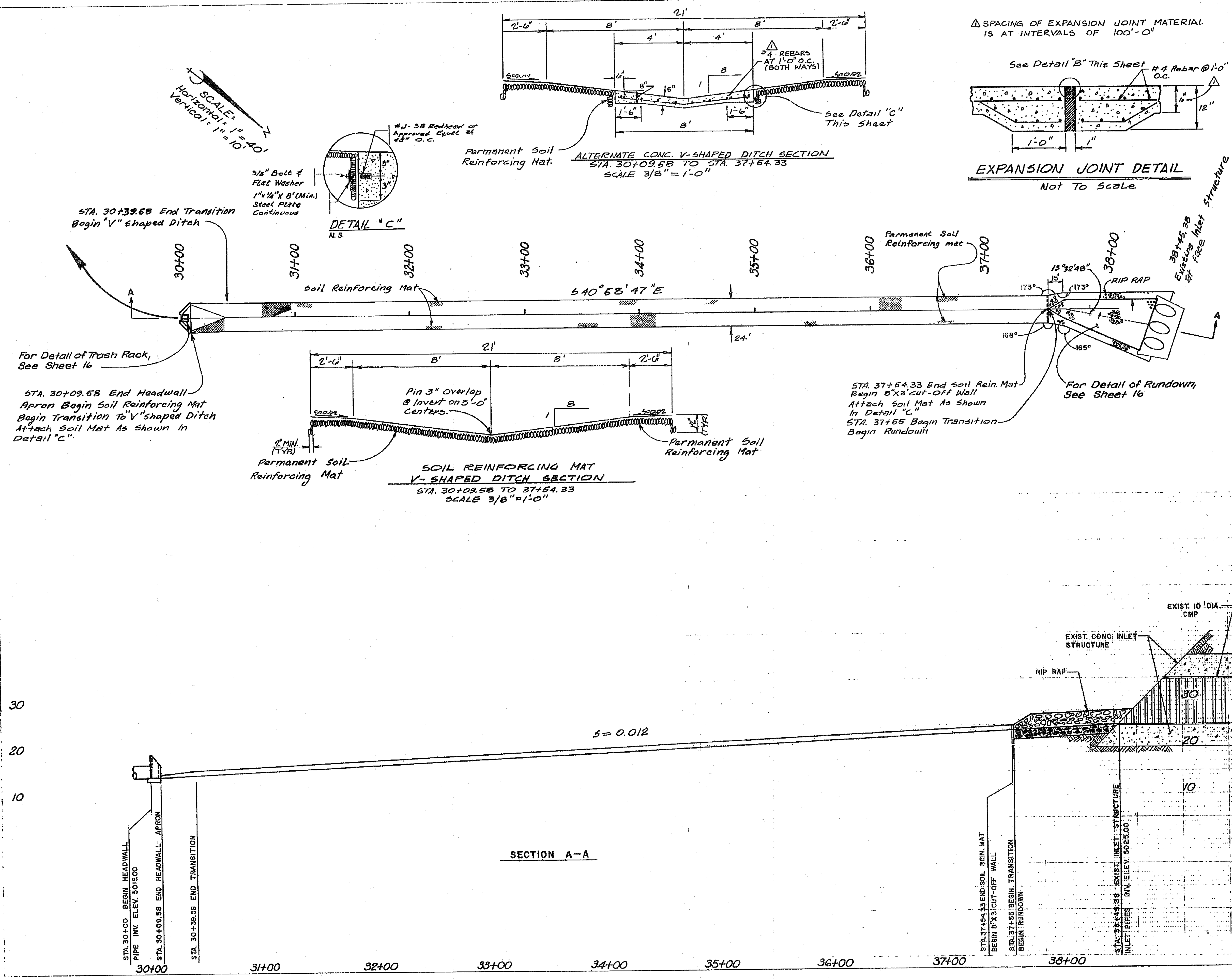
APPROVED FOR
CONSTRUCTION:
DATE 2/12/83
20 1169 0183

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

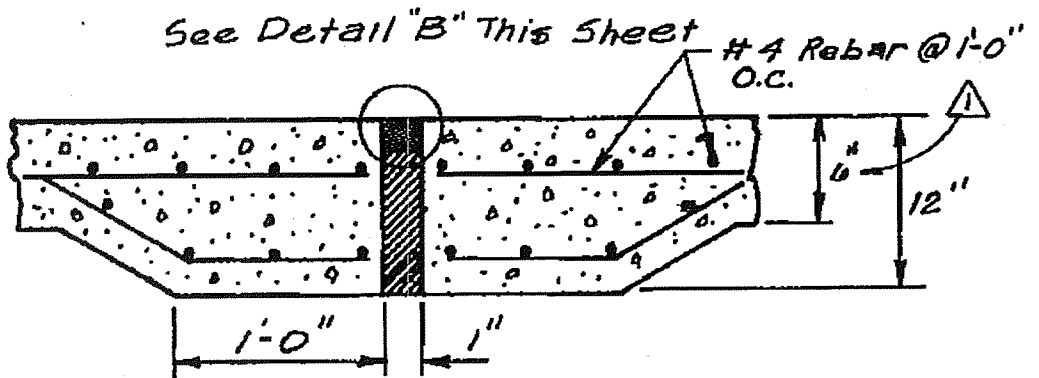
TITLE: ODELIA PARK DAM

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	CH	1/18/83	Liquid Waste	WJ	11-15-83
A.C.E.-Design	CH	1/18/83	Traffic	CH	11-15-83
A.C.E.-Hydrology	CH	1/18/83	Water	CH	11-15-83
DRAWING NO. 1169	MAP NO. HJ-15	SHEET 1 OF 17			

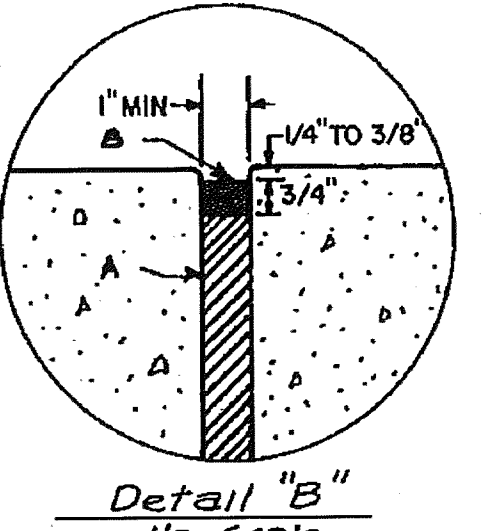
1169



△ SPACING OF EXPANSION JOINT MATERIAL IS AT INTERVALS OF 100'-0"



EXPANSION JOINT DETAIL
Not To Scale



CONSTRUCTION NOTES

- A. Install Closed Cell Polyethylene Filler Sheet, Plastazote or Equal, or Foam Polyethylene Backer Rod, HBR or Equal, Without Bonding.
- B. Apply Two Component Epoxy Bondar, Eva-Fox Bondar or Equal And Ethylene Vinyl Acetate Sealant, Eva-Seal or Equal, 3/4" Thick And 1/4" Wider Than The Formed Joint.

ALTERNATE NO. 1

Concrete V-SHAPED DITCH

- 1. Alternate 1 is to construct an 8' concrete channel along centerline of the V-ditch. This will reduce the required quantity of permanent soil reinforcement mat.

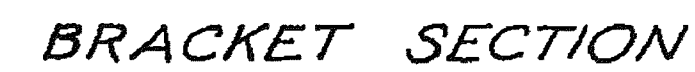
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
POST	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
STA 1-25-24	FLUSH WITH THE GROUND AT THE SOUTHEAST CORNER OF THE INDIAN SCHOOL RD. BRIDGE CROSSING										
OF US HWY 1-25, 0.05 MILES EAST OF THE EAST END OF THE BRIDGE AND APPROXIMATELY 18 FT. SOUTH OF INDIAN SCHOOL RD. ELEV. 5070.232											
MICRO-FILM INFORMATION		REMARKS		BY		DATE		DATE		DATE	
CORRECTED BY		JAMES BRANTLEY, A.L.O.		JAMES BRANTLEY, A.L.O.		JAMES BRANTLEY, A.L.O.		JAMES BRANTLEY, A.L.O.		JAMES BRANTLEY, A.L.O.	
DATE		JUNE 1983		JUNE 1983		JUNE 1983		JUNE 1983		JUNE 1983	

26 111 69 1483

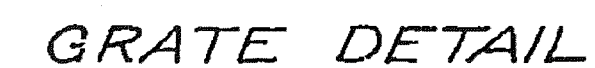
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE ODELIA PARK DAM RESERVOIR FLOOR CHANNEL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.H. Chappell	1/6/83	Liquid Waste	N/A	
A.C.E. Design	1/6/83		Traffic	N/A	
A.C.E. Hydrology	1/15/83		Water	N/A	
DRAWING NO. 1169		MAP NO. HJ-15		SHEET 14 OF 17	

1169



Note All reinforcing steel shall be centered in walls and slabs, unless otherwise noted.



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ODELIA PARK DAM					
TRASH RACK AND RUN DOWN DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>E.D. Howard</i>	<i>4/10/83</i>	Liquid Waste	<i>NA</i>	
A.C.E. - Design	<i>[Signature]</i>	<i>6/16/83</i>	Traffic	<i>NA - [Signature]</i>	
A.C.E. - Hydrology	<i>[Signature]</i>	<i>11/17/82</i>	Water	<i>NA</i>	
<i>QA</i>		<i>11-30-83</i>			
DRAWING NO.	1169		MAP NO.	H.J.-15	
			SHEET	16	OF 17