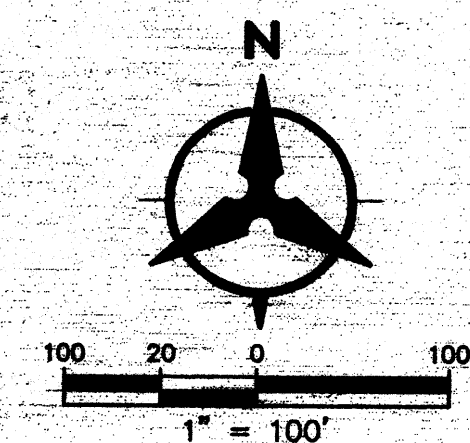
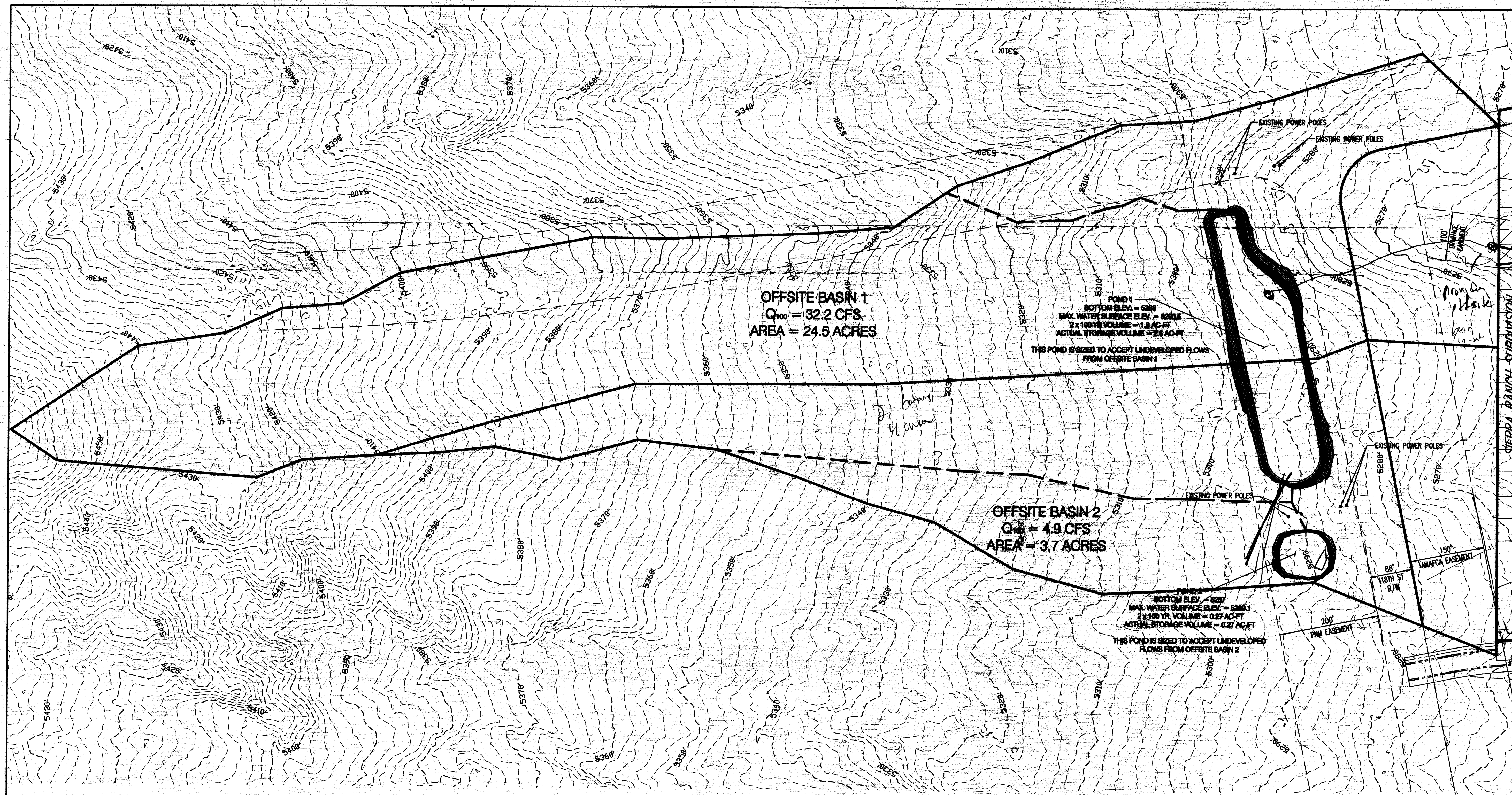




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Courtesy: 7600 Jefferson St. NE Albuquerque, NM 87109-4335
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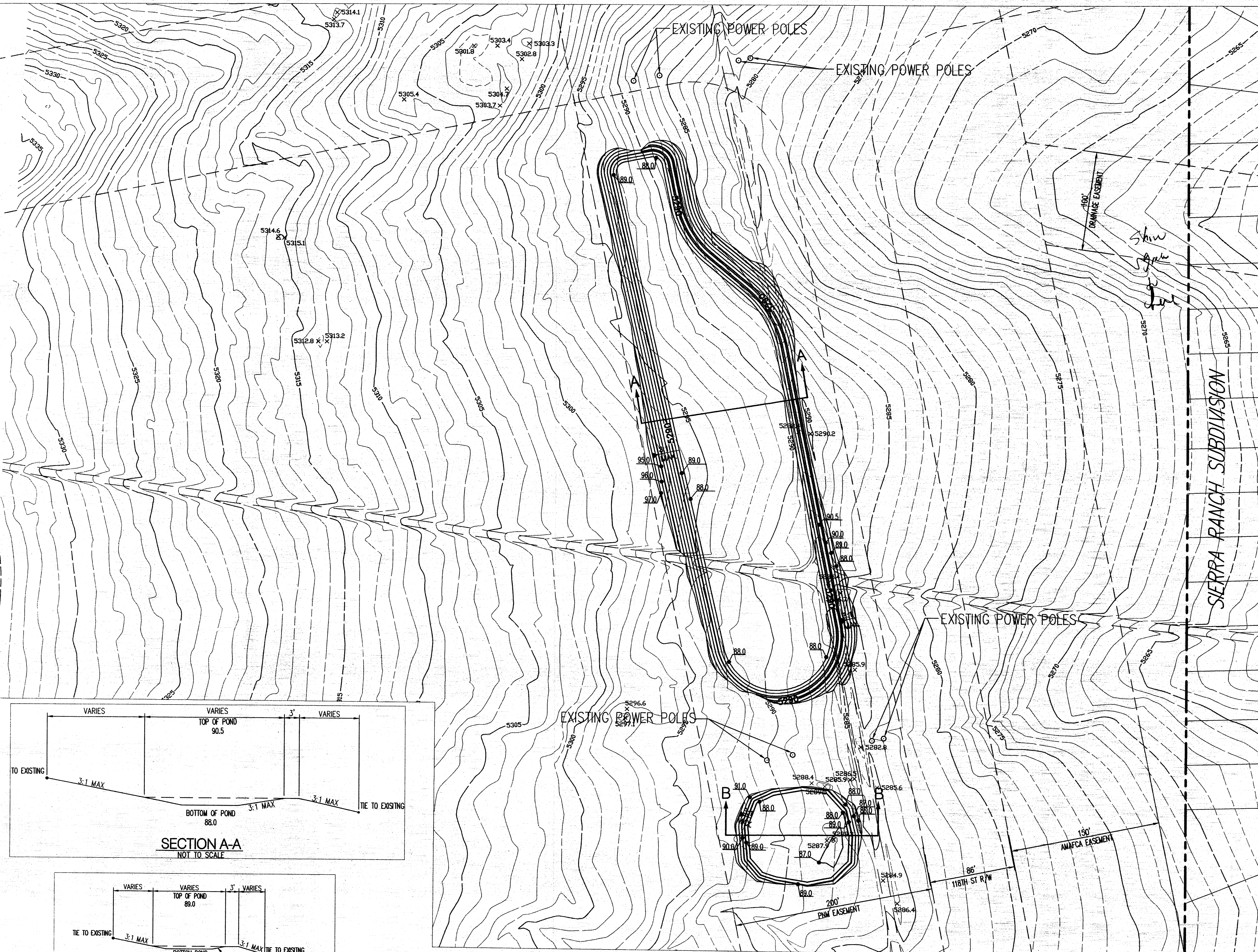
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

118th STREET RETENTION PONDS
BASIN MAP

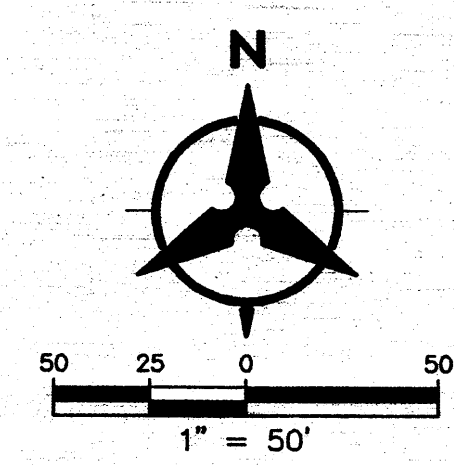
Design Review Committee	City Engineer Approval	Mr. /Rev./Yr.	Mr. /Rev./Yr.

City Project No. XXXXX Zone Map No. N-8-Z Sheet 1 of 2

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	REMARKS REVISIONS DESIGN	NO.	DATE	CONTRACTOR	DATE	NO.	DATE
				AS-BUILT TABLET STAMPED "TRANS"	DATE		
				Geographic Position (NAD 1927)	DATE		
				N.M. State Plane Coordinates (Central Zone)	DATE		
				X = 354,899.45 Y = 1,471,822.67	DATE		
						MICROFILM INFORMATION	
						Ground-to-Grid Factor = 0.99987921	DATE
						ΔX = -0016142	DATE
						SLD 1929 Elevation = 5118.43	DATE



- GENERAL NOTES**
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT.
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 5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
 6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.



- LEGEND**
- 91.62 PROPOSED SPOT ELEVATION
 - x 92.46 EXISTING SPOT ELEVATION
 - 5470 - EXISTING CONTOUR W/ INDEX ELEVATION
 - FLOW ARROW
 - ||| PROPOSED SLOPE

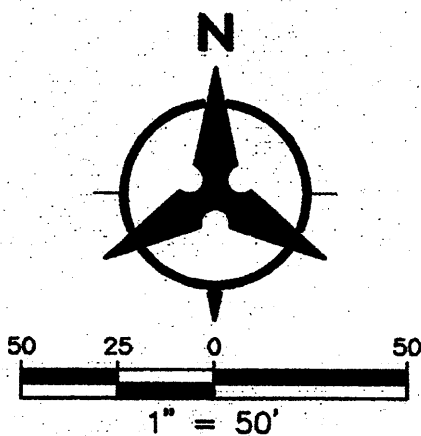
Amal
Sierra Ranch Subd cont

Bohannon & Huston Court yard 7500 Jefferson St NE Albuquerque, NM 87109-4335 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES	
 CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
118th STREET RETENTION PONDS GRADING PLAN	
Design Review Committee	City Engineer Approval
City Project No. XXXXX	Zone Map No. N-8-Z
Sheet 2	Of 2

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
FIELD NOTES					
NO.	BY	DATE	DATE	CONTRACTOR	DATE
				BY	DATE
				STAMPED "TRANS"	DATE
				Geographic Position (NAD 1927)	DATE
				N.M. State Plane Coordinates (Central Zone)	DATE
				X = 354,899.45 Y = 1,471,822.67	DATE
				Ground-to-Grid Factor = 0.99967921	DATE
				ΔQ = -00°16'42"	DATE
				SLD 1929 Elevation = 5118.43	DATE

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**118th STREET RETENTION PONDS
GRADING PLAN**

Design Review Committee

City Engineer Approval

Least Design Update

City Project No.

XXXXX

Zone Map No.

N-8-Z

Sheet

of

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SECTION

APPROVED FOR ROUGH GRADING DATE

ROUGH GRADING (+/-0.5')

APPROVED FOR ROUGH GRADING DATE

SIERRA RANCH SUBDIVISION

EXISTING POWER POLES

EXISTING POWER POLES

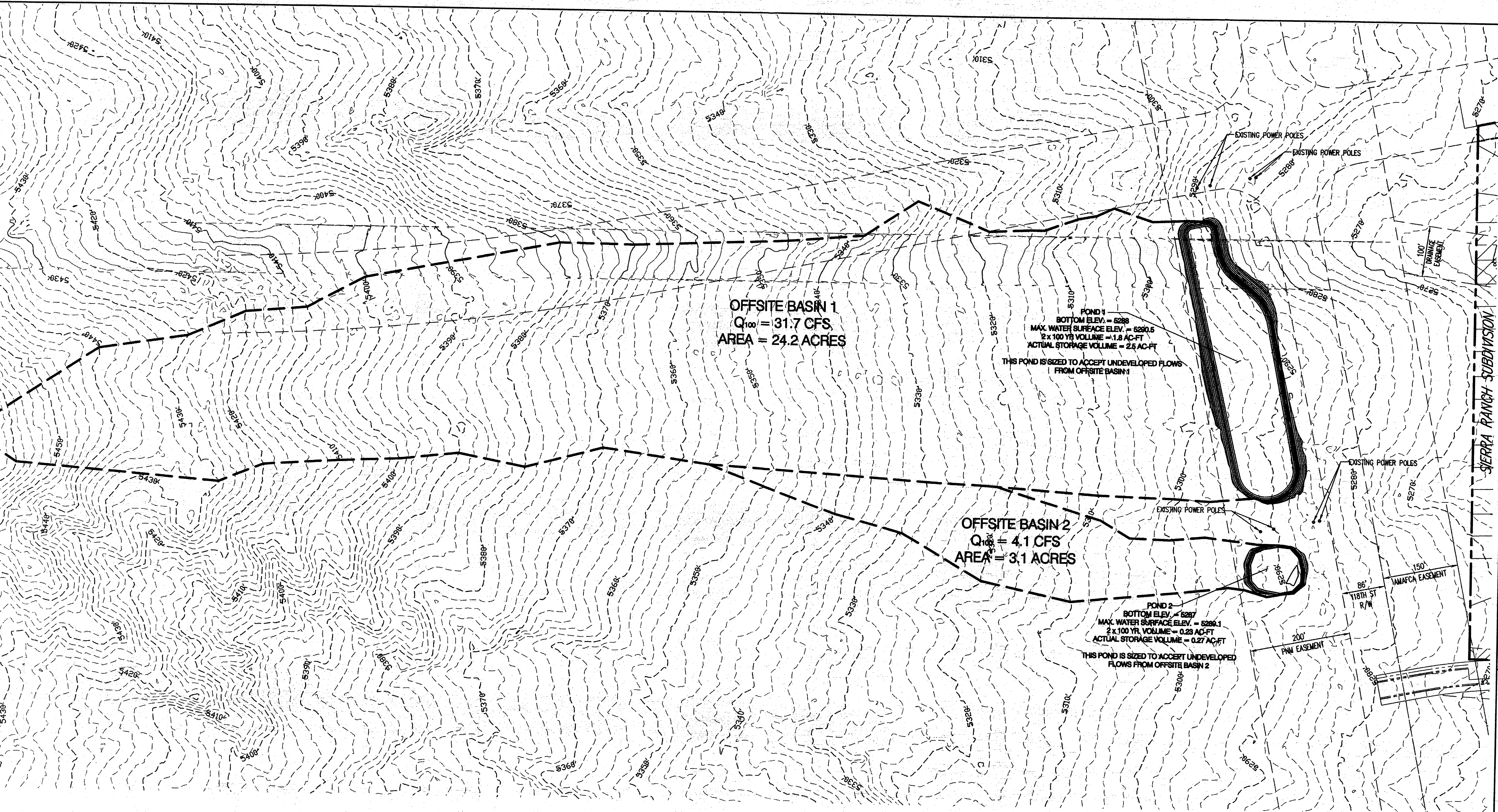
EXISTING POWER POLES

EXISTING POWER POLES

SECTION A-A
NOT TO SCALE

SECTION B-B
NOT TO SCALE

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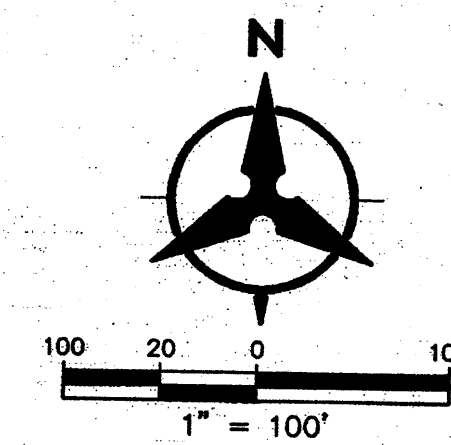


OFFSITE BASIN 1
 $Q_{100} = 31.7$ CFS
AREA = 24.2 ACRES

POND 1
BOTTOM ELEV. = 5298
MAX. WATER SURFACE ELEV. = 5299.5
2 x 100 YR. VOLUME = 1.18 AC-FT
ACTUAL STORAGE VOLUME = 2.5 AC-FT
THIS POND IS SIZED TO ACCEPT UNDEVELOPED FLOWS FROM OFFSITE BASIN 1

OFFSITE BASIN 2
 $Q_{100} = 4.1$ CFS
AREA = 3.1 ACRES

POND 2
BOTTOM ELEV. = 5297
MAX. WATER SURFACE ELEV. = 5299.1
2 x 100 YR. VOLUME = 0.23 AC-FT
ACTUAL STORAGE VOLUME = 0.27 AC-FT
THIS POND IS SIZED TO ACCEPT UNDEVELOPED FLOWS FROM OFFSITE BASIN 2

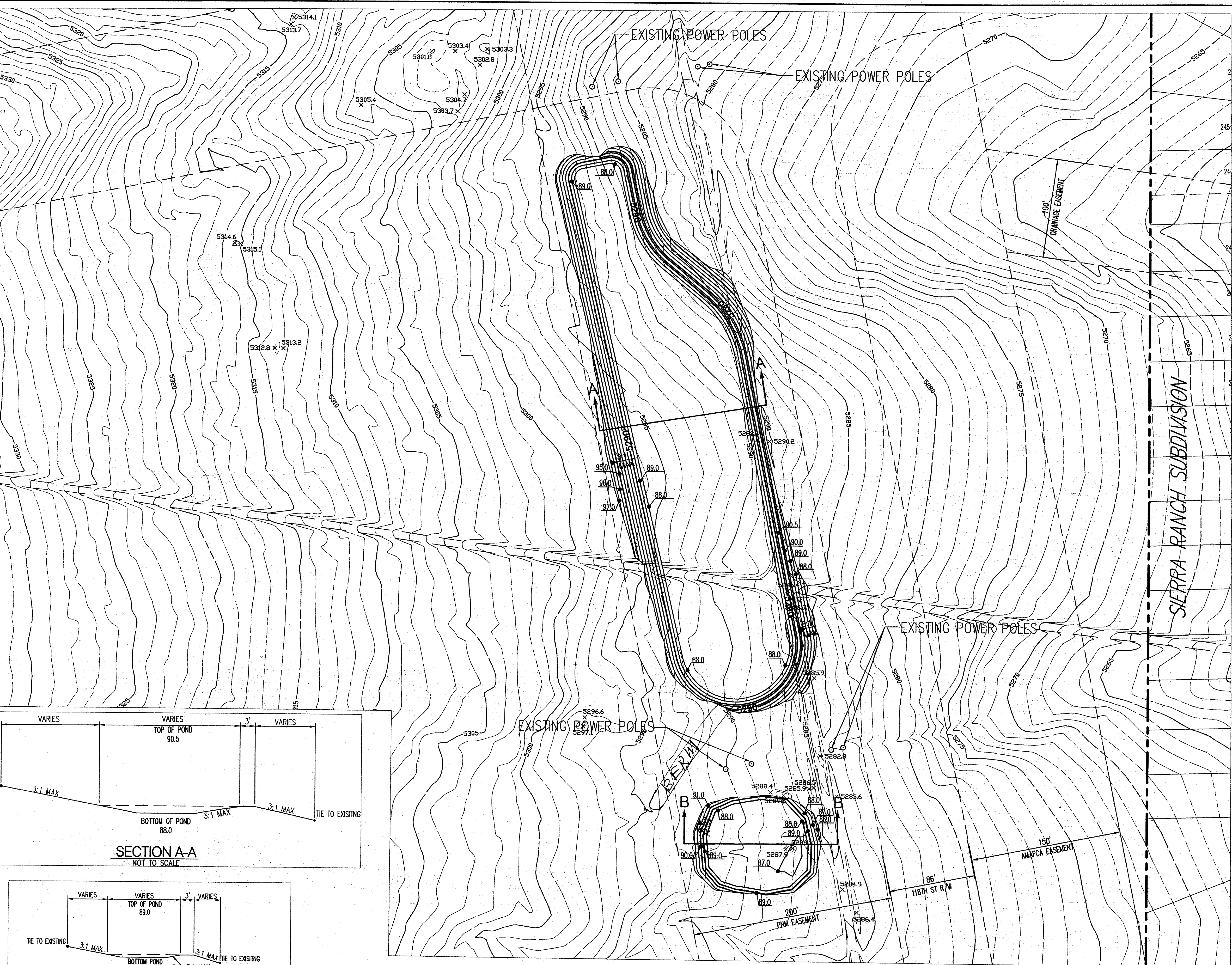


Bohannon & Huston Court yard 7500 Jefferson St. NE Albuquerque, NM 87109-4336 ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
118th STREET RETENTION PONDS BASIN MAP	
Design Review Committee	City Engineer Approval
City Project No. XXXXX	Zone Map No. N-8-Z
Sheet 1 of 1	

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	BY	DATE	CONTRACTOR	DATE
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				Geographic Position (NAD 1927)	
				N.M. State Plane Coordinates (Central Zone)	
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				Ground-to-Grid Factor = 0.99967921	
				$\Delta\alpha = -00^{\circ}16'42"$	
				SLD 1929 Elevation = 5118.43	

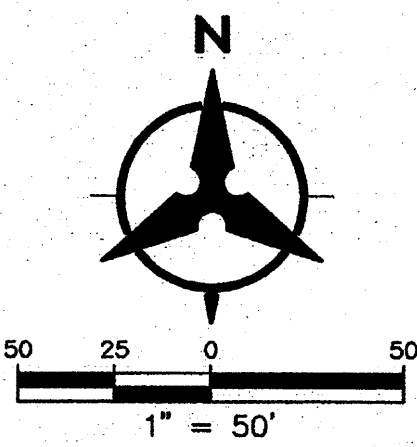
REVISIONS		MICROFILM INFORMATION	
No.	DATE	RECORDED BY	DATE

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HYDROLOGY
SECTION



GENERAL NOTES

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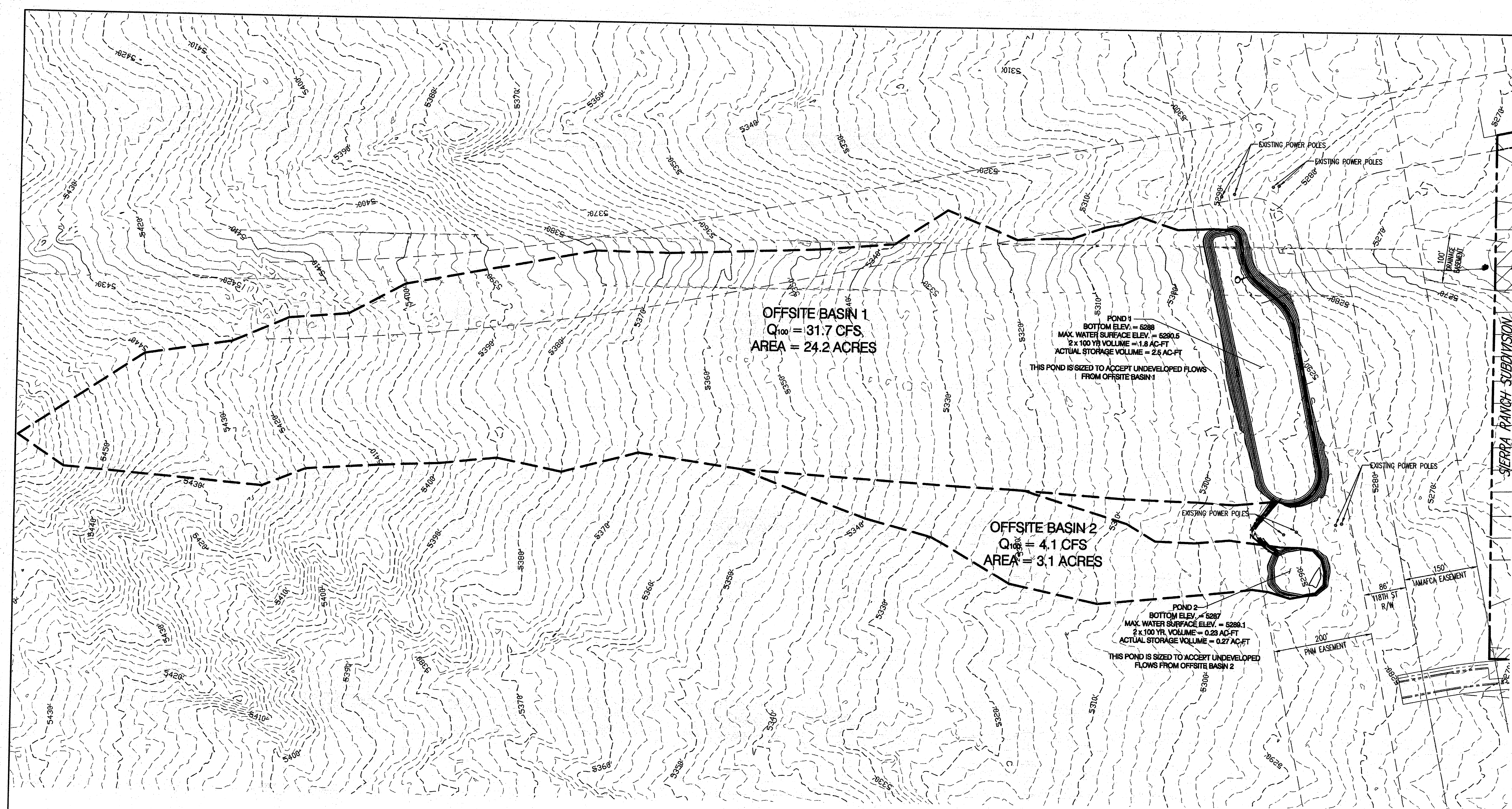
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

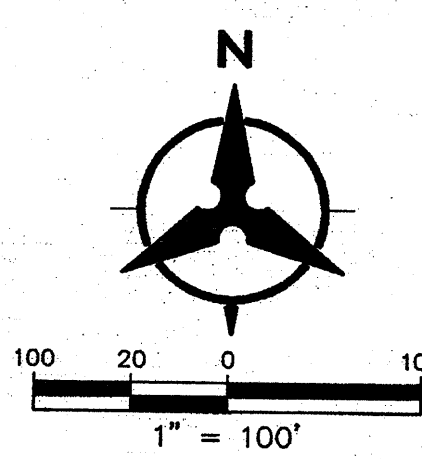
118th STREET RETENTION PONDS
GRADING PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXX	Zone Map No. N-8-Z	Sheet 2	Of 2

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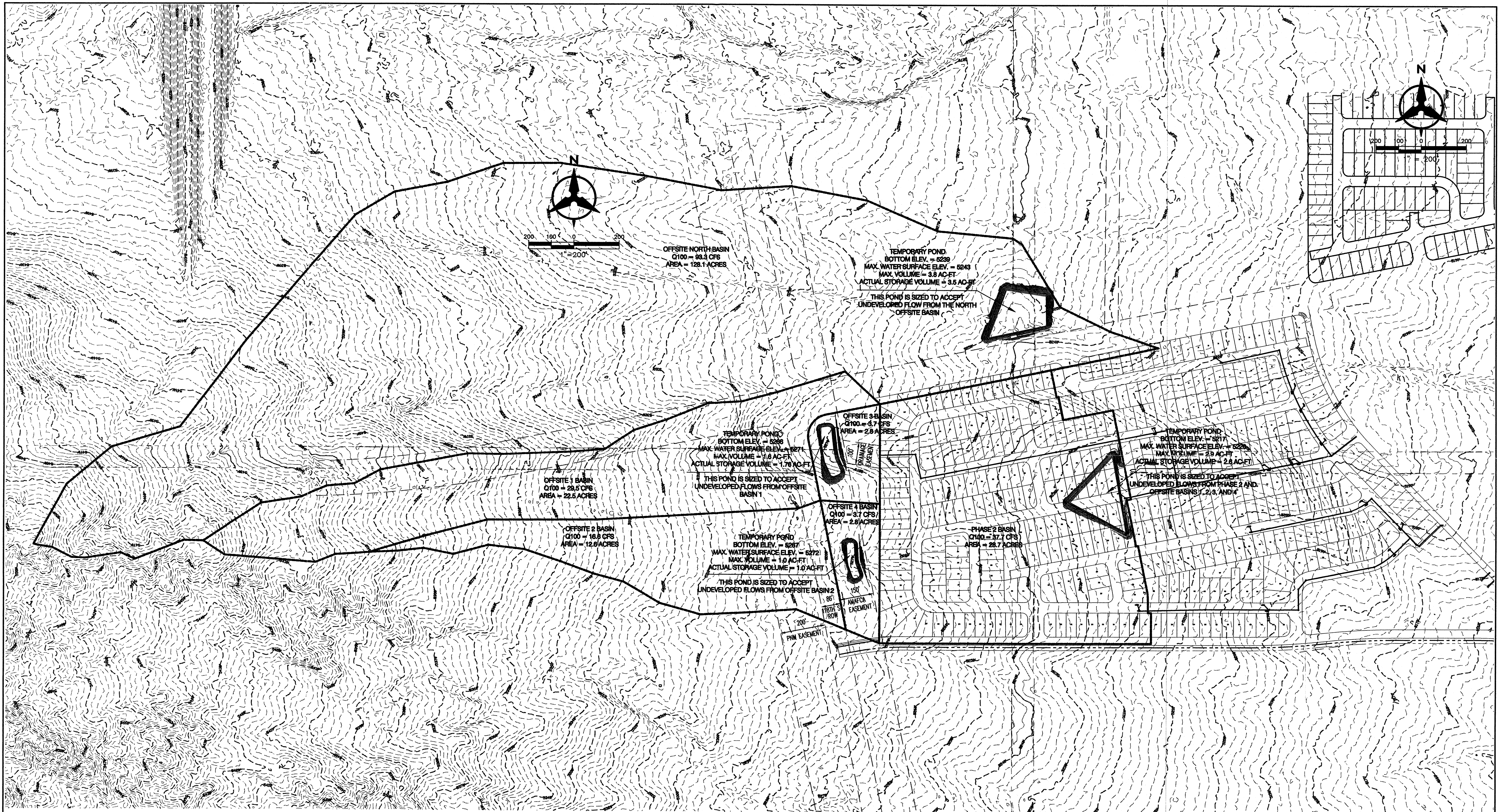
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Bohannon & Huston Courtney 7500 Jefferson St. NE Albuquerque, NM 87109-4335 ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
118th STREET RETENTION PONDS BASIN MAP	
Design Review Committee	City Engineer Approval
City Project No. XXXXX	Zone Map No. N-8-Z
Sheet 1	Of 2

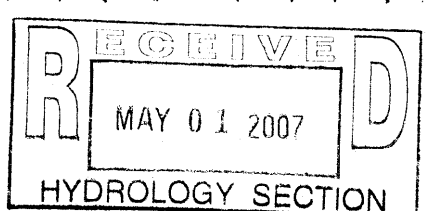
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		FIELD NOTES		CONTRACTOR		DATE	
		NO.	BY	DATE	DATE		
REMARKS		REVISIONS		DESIGN		DATE	
Designed By: SJS		DATE: 09/20/10		Checked By: SJS		DATE: 09/20/10	
Drawn By: BJG		DATE: 09/20/10		Reviewed By: SJS		DATE: 09/20/10	

OCT 06 2010
HYDROLOGY
SECTION



HISTORIC FLOW CONDITIONS OFF-SITE BASIN MAP SIERRA RANCH SUBDIVISION APRIL 2007

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April 25, 2007 - 5:58pm



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