



COLLEGE RESERVOIR SITE ARSENIC REMOVAL DEMONSTRATION FACILITY AND PUMP STATION

SITE INFORMATION

PROPOSED USE: POTABLE WATER, PUMPING, STORAGE AND TREATMENT FACILITY FOR THE CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT.

CURRENT ZONING: SU-2 FOR PDA FOR RESIDENTIAL RESORT

PROPOSED ZONING: SU-2 FOR PDA FOR RESIDENTIAL RESORT

LEGAL DESCRIPTION: TRACT A COLLEGE ZONE 2-WEST RESERVOIR SITE

ACREAGE: 6.0744 ACRES

BIKE RACKS: NOT APPLICABLE

REFUSE CONTAINERS: NOT APPLICABLE

PARKING: SPACES REQUIRED: N/A
SPACES PROVIDED: 15, 2 HANDICAP

SITE LIGHTING: DUE TO THE INTERMITTENT USE AND OCCUPANCY OF THE FACILITIES, EXTERIOR NIGHTTIME/SECURITY LIGHTING ONLY WILL BE PROVIDED AT ENTRANCES TO EACH BUILDING.

FILE NO.: CSU 99-11

INDEX OF DRAWINGS

SHEET NO.	TITLE OF SHEET
1	TITLE SHEET
2	SKETCH PLAT
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4	CONCEPTUAL GRADING PLAN
5	LANDSCAPE PLAN
6	ARSENIC REMOVAL DEMONSTRATION FACILITY - BUILDING ELEVATIONS
7	PUMP STATION - BUILDING ELEVATIONS
8	CHEMICAL STORAGE FACILITY - BUILDING ELEVATIONS

PROJ 1000 570

PROJECT # 1000570
EPC Application # 00128-00000-01377
DRB Application # 01450-00000-00210

Jan 30
CHAIR
ALBUQUERQUE BERNALILLO COUNTY
DEVELOPMENT REVIEW BOARD
Robert M. King
CITY ENGINEER
Robert M. King
A.M.A.F.C.A.
William E. Candiano 2/21/01
PARKS AND RECREATION
Richard D. ...
TRAFFIC ENGINEER
Roger A. Khan
UTILITIES DEVELOPMENT DIVISION
CITY OF ALBUQUERQUE PUBLIC WORKS
Jan 30
CITY PLANNER
Shirley Sue Barr
CH2M

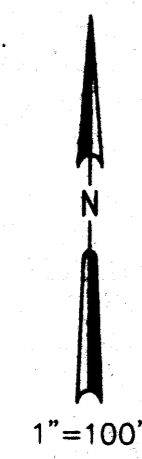
3/12/01
DATE
02/21/01
DATE
02/21/01
DATE
3-08-01
DATE
2/21/01
DATE
3/12/01
DATE
2/21/01
DATE

AFD PLANS CHECKING OFFICE
924-3611
APPROVED/DISAPPROVED
R.C. ... 2-21-01
SIGNATURE & DATE

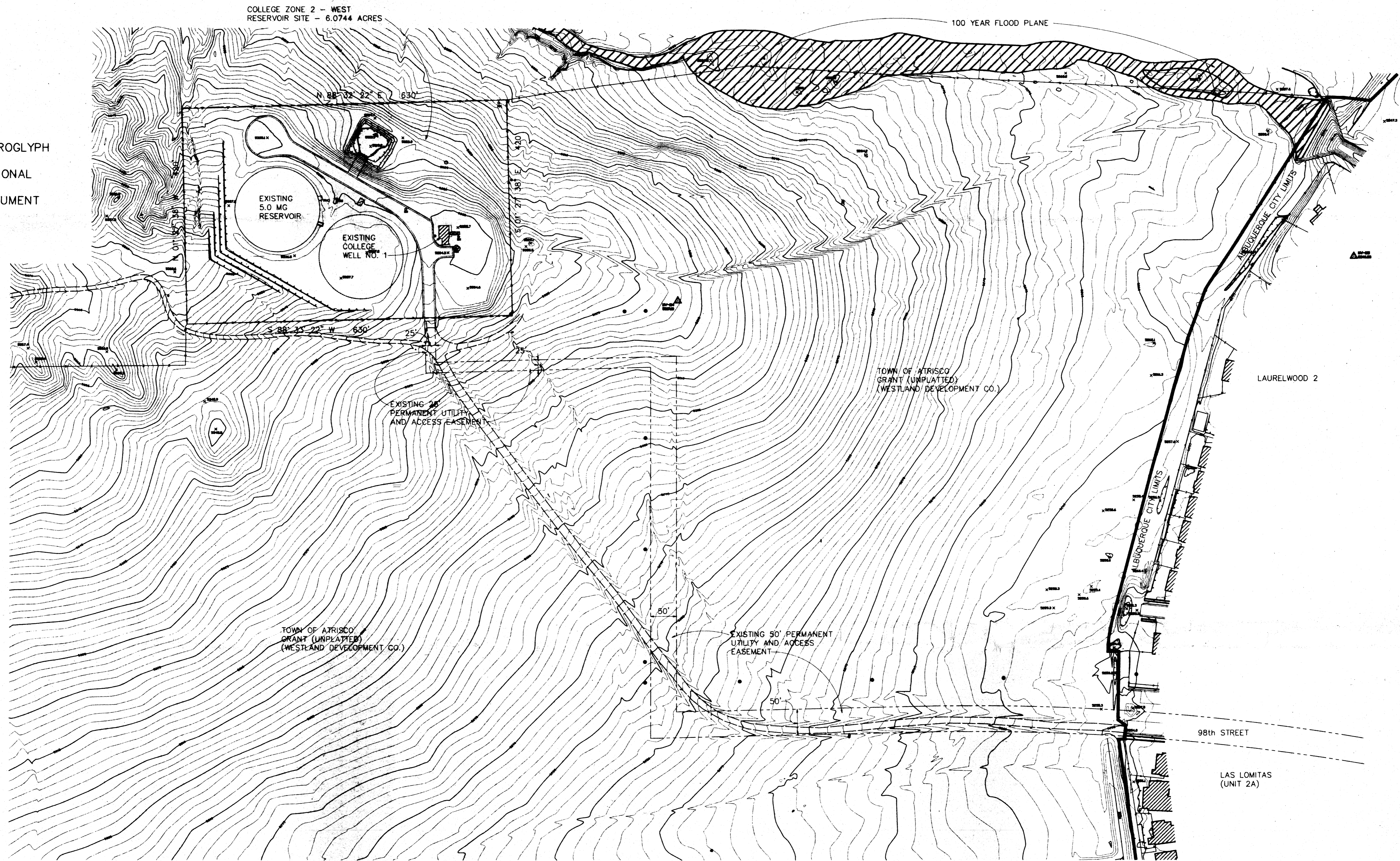
CH2MHILL
6001 Indian School Rd, N.E., SUITE 350
Albuquerque, New Mexico 87110
(505) 884-5600

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		City Project No.		*****			
				APPROVED FOR CONSTRUCTION			
				City Engineer _____ Date _____			
				Sheet 1 Of 8			
				DRAWING NO. -			

PETROGLYPH NATIONAL MONUMENT



PETROGLYPH
NATIONAL
MONUMENT



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT - WATER UTILITY DIVISION
COLLEGE RESERVOIR, PUMPING AND TREATMENT FACILITY - SKETCH PLAT

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ALL LIGHTING SHALL BE FULL-CUT OFF FIXTURES, ANGLED DOWNWARD TO MINIMIZE FUGITIVE LIGHT ONTO ADJACENT LANDS

CHEMICAL STORAGE FACILITIES

OCCUPANCY GROUP: F1-INDUSTRIAL OCCUPANCY

NFPA CLASSIFICATION: NFPA 101 SPECIAL USE INDUSTRIAL, UNOCCUPIED

TYPE OF BUILDING CONSTRUCTION: TYPE II-N

ARSENIC BUILDING

OCCUPANCY GROUP: GROUP H, DIVISION 7

NFPA CLASSIFICATION: NFPA 101 SPECIAL PURPOSE INDUSTRIAL

TYPE OF BUILDING CONSTRUCTION: TYPE II-N

PUMP STATION BUILDING

OCCUPANCY GROUP: F-2

NFPA CLASSIFICATION: NFPA 101 SPECIAL USE INDUSTRIAL, UNOCCUPIED

TYPE OF BUILDING CONSTRUCTION: TYPE V-N

AS BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR	DATE
ACCEPTANCE BY	DATE
VERIFICATION BY	DATE
DATE	DATE
MICRO FILM INFORMATION	
RECORDED BY	DATE

BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
NO.	DATE

ENGINEER'S SEAL	
NO.	DATE

REVISIONS	
NO.	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

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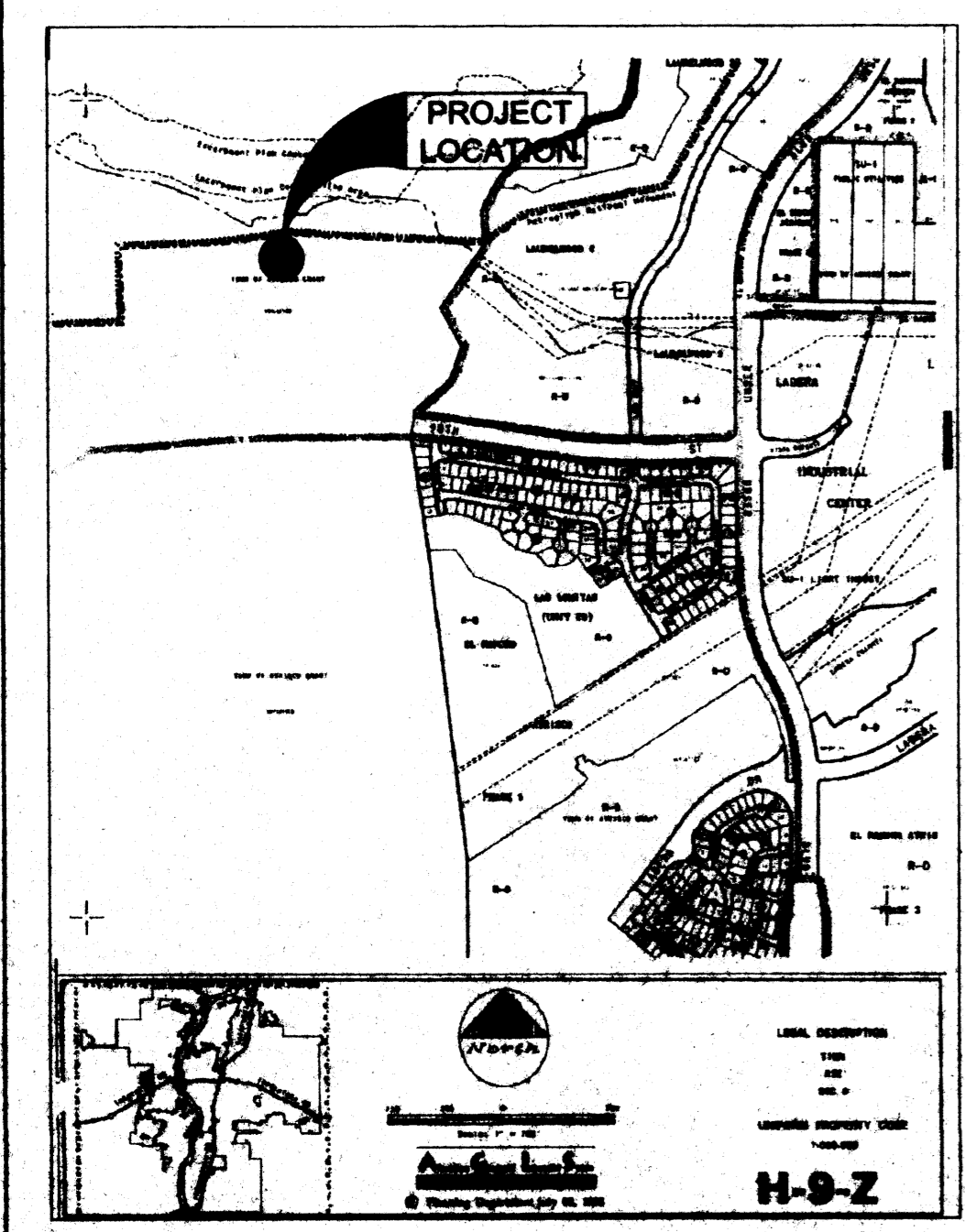
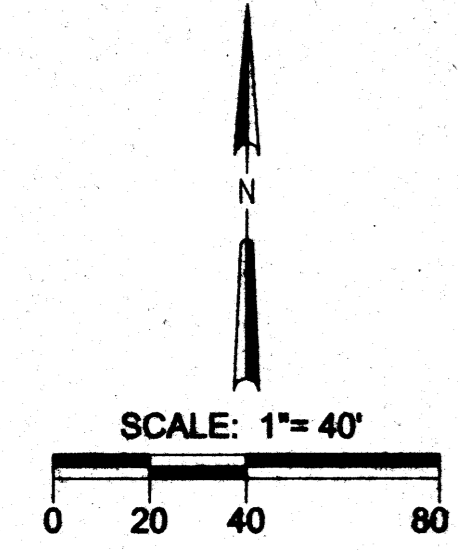
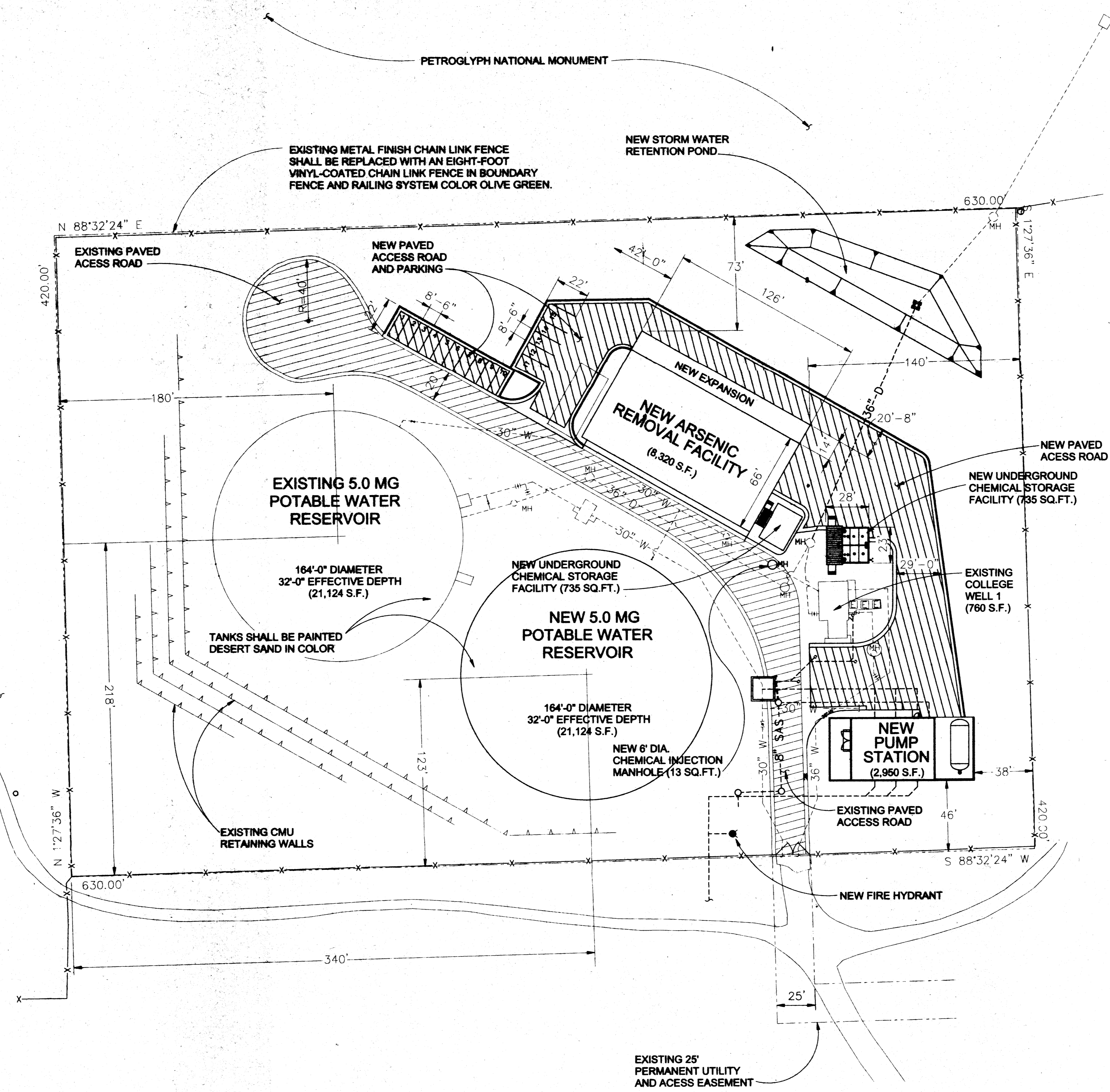
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: **ARSENIC REMOVAL DEMONSTRATION FACILITY
DIMENSIONED SITE PLAN & UTILITY LAYOUT**

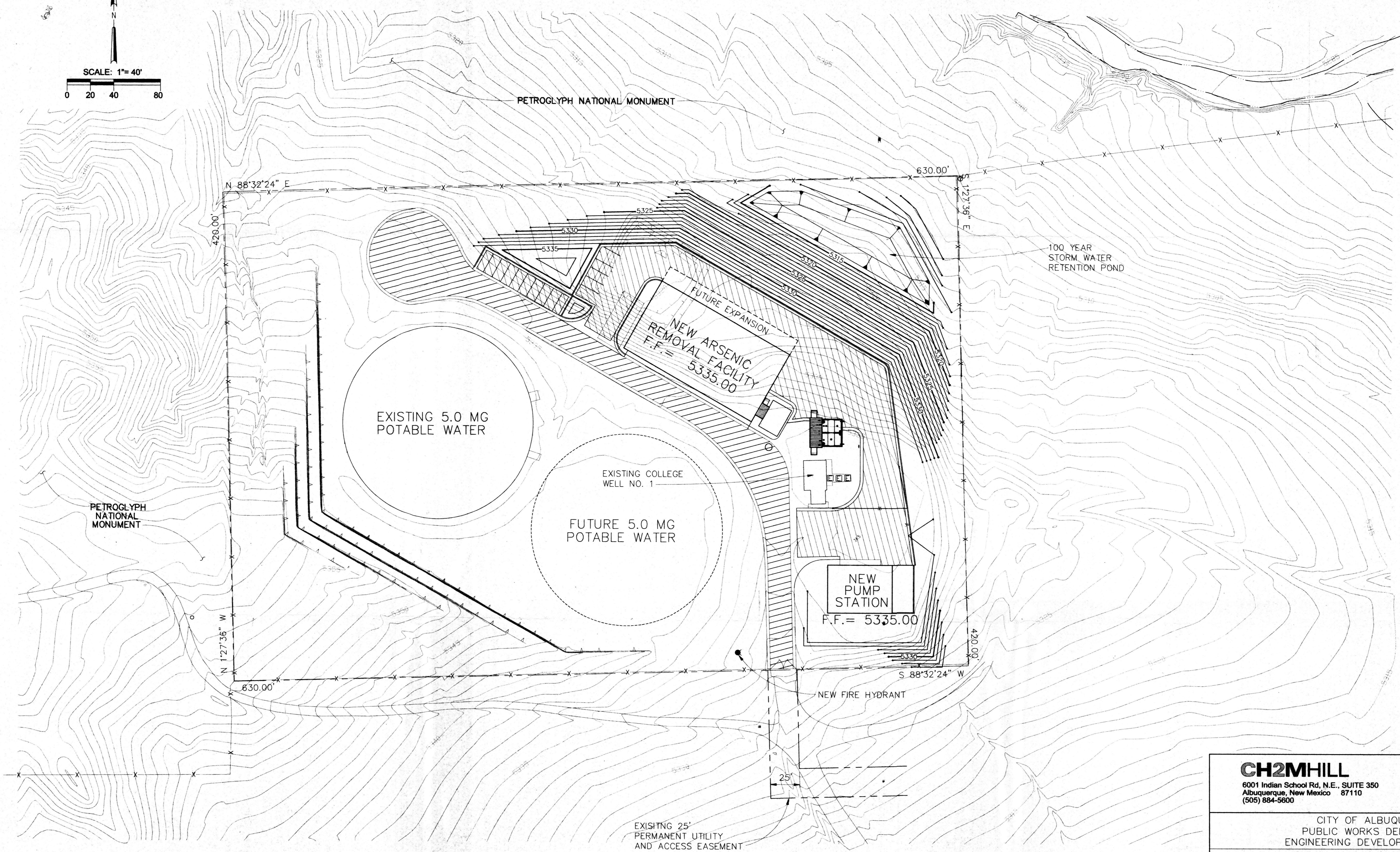
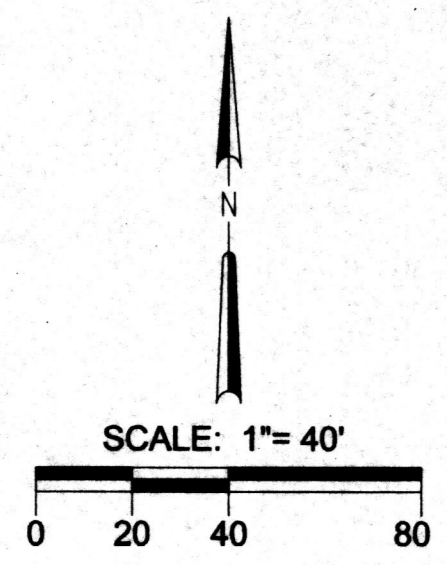
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
Least Design Update			

CITY PROJECT NO. _____ Zone Map No. _____ SHEET **3** OF **8**
DRAWING NO. **H-9**

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



148846.DWG
DSP-COLL-002
1 of 1
02/28/01



EXISTING 25'
PERMANENT UTILITY
AND ACCESS EASEMENT

CH2MHILL
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Albuquerque, New Mexico 87110
(505) 884-5600

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **ARSENIC REMOVAL DEMONSTRATION FACILITY
CONCEPTUAL GRADING PLAN**

Design Review Committee: City Engineer Approval

Mo./Day/Yr. Mo./Day/Yr.

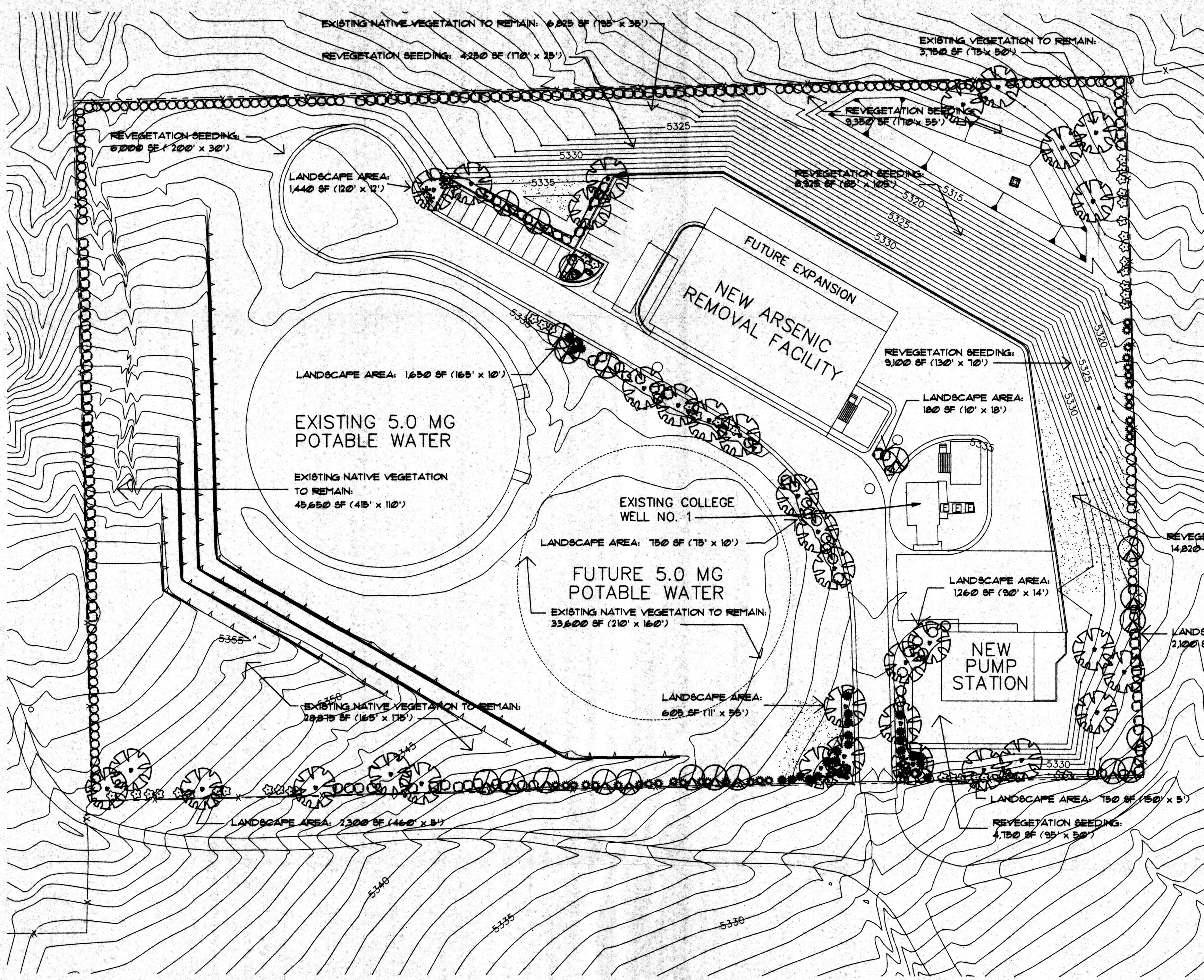
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H-9 DRAWING NO.

VERIFY SCALES
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0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

AS BUILT INFORMATION	
CONTRACTOR	DATE
STARTED BY	DATE
FIELD ACCEPTANCE BY	DATE
FIELD LOCATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL	
NO.	DATE
REVISIONS	BY
DESIGN	
DESIGNED BY M. BREWER	DATE 4-19-99
DRAWN BY E. ARMJO	DATE 4-20-99
CHECKED BY M. BREWER	DATE 4-20-99



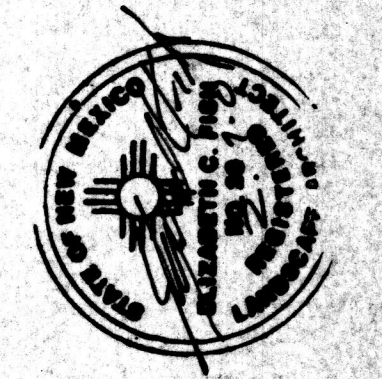
PLANT LIST

SYMBOL	COMMON NAME	BOTANICAL NAME	QUANTITY INSTALLED	SIZE	MATURE	REMARKS
TREES						
	Desert Willow	Chilopsis linearis	34	2" cal., 10'-12" ht.	25' ht., 25' spd.	24" Box or B & B
	New Mexico Olive	Forestiera neomexicana	21	6' ht., 6' spd.	15' ht., 15' spd.	15 gallon
SHRUBS						
	Algerita	Mahonia trifoliolata	29	min. 18" ht.	8' ht., 6' spd.	5 gallon
	Bird of Paradise	Cassipoula gilliesii	20	min. 48" ht.	8' ht., 6' spd.	15 gallon
	Four-wing Saltbush	Atriplex canescens	107	min. 18" ht.	6' ht., 6' spd.	5 gallon
	Rubber Rabbitbrush	Crypthamnus nauseosus	143	min. 18" ht.	6' ht., 6' spd.	5 gallon
	Sotol	Dasylirion wheeleri	24	min. 18" ht.	4' ht., 5' spd.	5 gallon
	Spanish Dagger	Yucca baccata	9	min. 12" ht.	2' ht., 6' spd.	5 gallon
	Three-leaf Sumac	Rhus trilobata	45	min. 18" ht.	6' ht., 6' spd.	5 gallon
REVEGETATION SEEDING			58,000 SF			
City of Albuquerque Standard Sandy Soils Native Grass Seeding Mix Augmented with Native Wildflowers and Shrubs 120 lbs. PLS / Acre						

LANDSCAPING NOTES

- LANDSCAPE REQUIREMENTS**
 NET LOT AREA = 244,400 SF
 TOTAL LANDSCAPED AREA REQUIRED = 36,660 SF
 (15% OF NET LOT AREA)
 TOTAL LANDSCAPE AREA PROVIDED:
 REVEGETATION AND NEW TREES AND SHRUBS = 68,230 SF
 EXISTING NATIVE LANDSCAPING TO REMAIN = 118,100 SF
 186,330 SF (76% OF NET LOT AREA)
- LANDSCAPE IRRIGATION**
 AN AUTOMATIC IRRIGATION SYSTEM WILL BE PROVIDED.
 TREES AND SHRUBS: DRIP IRRIGATION.
- LANDSCAPE MAINTENANCE**
 THE OWNER (COA) WILL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF THE LANDSCAPE.
- A 4" DEPTH OF MULCH SHALL BE INSTALLED AT SHRUB BEDS AT ENTRY ROAD AND BUILDING.
- THIS PLAN IS IN COMPLIANCE WITH THE CITY OF ALBUQUERQUE WATER CONSERVATION, LANDSCAPING, AND WATER WASTE ORDINANCES.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	INSPECTOR'S	DATE	FIELD	DATE	NO.	BY



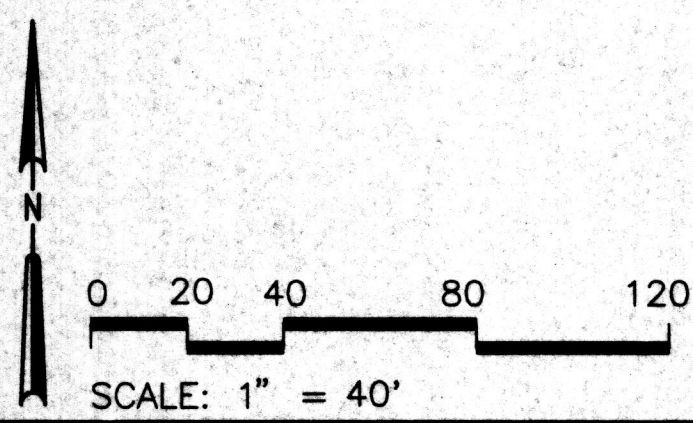
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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DEVELOPMENT GROUP

TITLE: COLLEGE PUMP STATION/
 ARSENIC REMOVAL DEMONSTRATION FACILITY
 LANDSCAPE PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

CITY PROJECT NO. _____ Zone Map No. _____ SHEET L-1 OF _____ DRAWING NO. _____



LEEDSHILL-HERKENHOFF, INC
 an ASGC Company
 500 Copper Avenue NW - Suite 500
 P.O. Box 1217
 Albuquerque, NM 87103
 (505)247-0294

MORROW & COMPANY, LTD.
 LANDSCAPE ARCHITECTS
 210 La Veta N.E.
 Albuquerque, N.M. 87106
 P.O. Box 200-2000 FAX: 505 268-0877

