

0.3' ABOVE GROUND
Y=1,494,331.44
X=392,489.71
G-G 0.99966880, NAD 1927
Δα=-00°12'24" CENTRAL ZONE

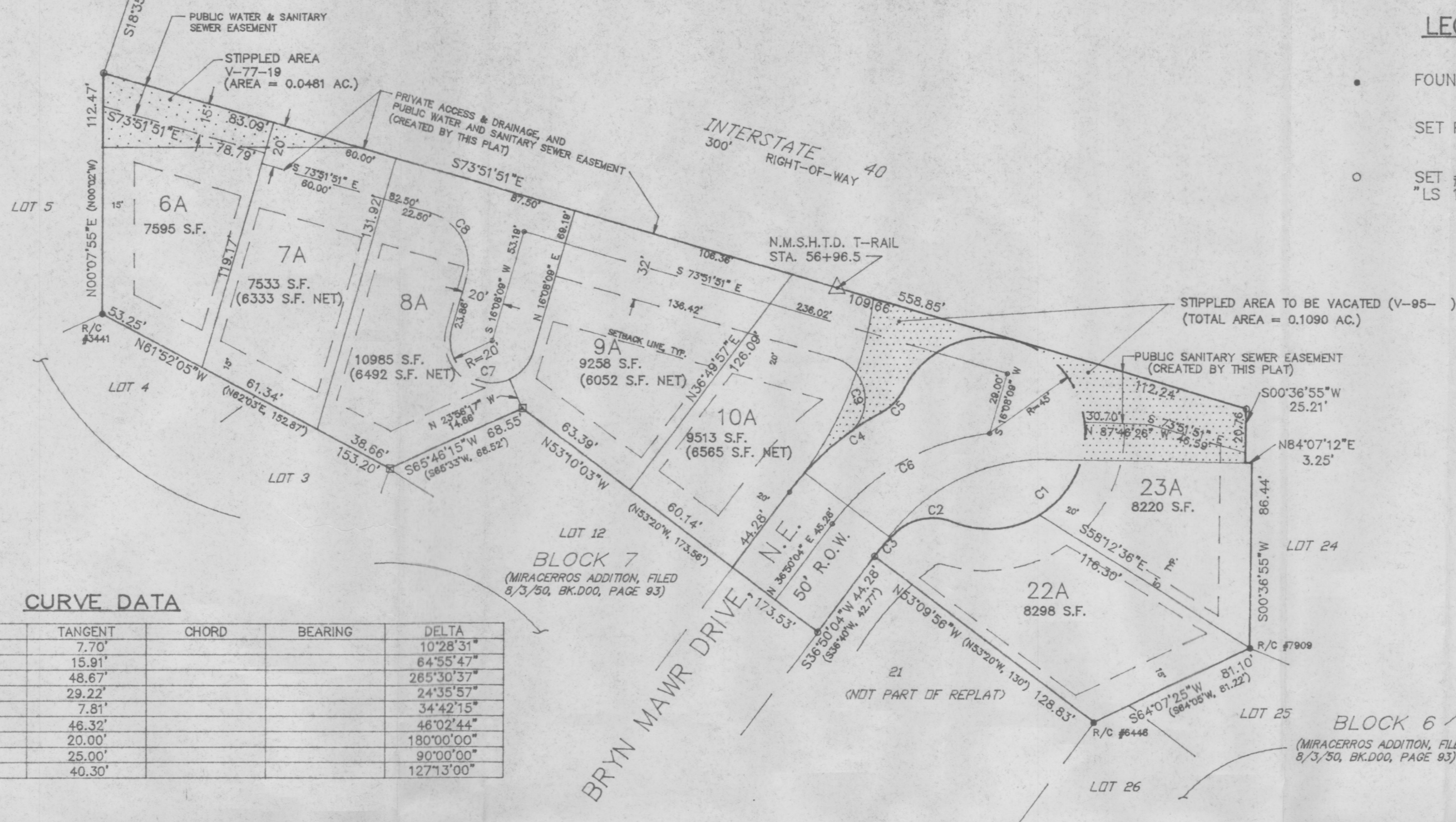
PLAT OF LOTS 6A THRU 10A, BLOCK 7, 22A & 23A, BLOCK 6 MIRACERROS ADDITION

RECORDER'S STAMP

LEGEND

- FOUND #4 REBAR/CAP
SET PK NAIL ON BLOCK WALL
- SET #5 REBAR/CAP, PWT
"LS 10204"

Scale: 1" = 50'



CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	84.00'	15.36'	7.70'			10°28'31"
C2	25.00'	28.33'	15.91'			64°55'47"
C3	45.00'	208.53'	48.67'			265°30'37"
C4	134.00'	57.53'	29.22'			24°35'57"
C5	25.00'	15.14'	7.81'			34°42'15"
C6	109.00'	87.60'	46.32'			46°02'44"
C7	20.00'	62.83'	20.00'			180°00'00"
C8	25.00'	39.27'	25.00'			90°00'00"
C9	20.00'	44.41'	40.30'			127°13'00"

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

- THE PUBLIC SERVICE COMPANY OF NEW MEXICO FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF UNDERGROUND ELECTRICAL LINES, TRANSFORMERS AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
- U.S. WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
- JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.
- GAS COMPANY OF NEW MEXICO FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF SUCH DISTRIBUTION AND SERVICE LINES AND FACILITIES REASONABLY NECESSARY TO PROVIDE GAS SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, MODIFY, RENEW, OPERATE AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO FROM AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN.

NO BUILDING, SIGN OR OTHER STRUCTURE SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENT, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON. PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATIONAL ELECTRICAL SAFETY CODE CAUSED BY CONSTRUCTION OF POOLS, DECKING OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

NOTES Cont'd.:

- Residential refuse pickup location for Lots 6A, 7A & 8A shall be at the northeast corner of Lot 8A.

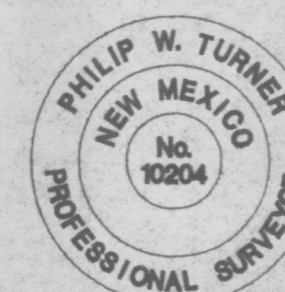
SURVEYOR'S CERTIFICATION

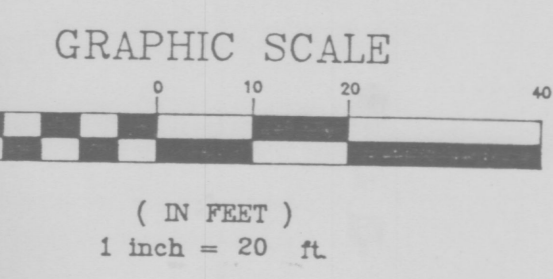
I, Philip W. Turner, a Professional Surveyor registered under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me, or under my direct supervision, from the notes of an actual field survey conducted March, 1995, that it is true and correct to the best of my knowledge and belief, that it satisfies the minimum standards for surveys as determined by the New Mexico Board of Registration for Professional Engineers and Surveyors and that it meets the minimum requirements for monumentation and surveys of the City of Albuquerque Subdivision Ordinance.

Philip W. Turner
Philip W. Turner
N.M.P.S. 10204

5-10-95
Date

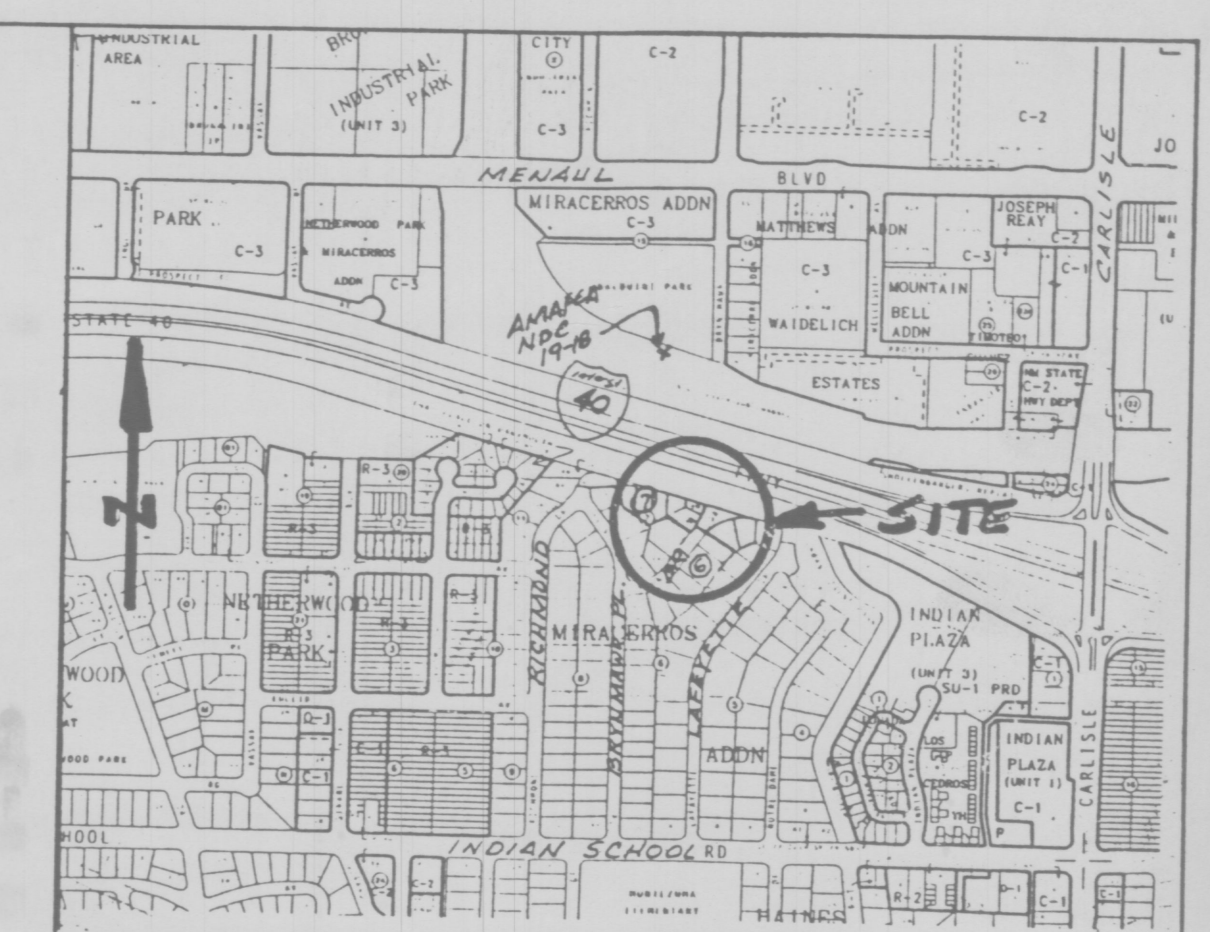
REV. 5/18/95





LEGEND

- EXIST. SPOT ELEV. + 99.6
- EXIST. CONTOUR 08
- NEW SPOT ELEV. 10.10
- NEW CONTOUR 10
- NEW STRUCTURE
- NEW CONCRETE



CALCULATIONS
(Additional Calcs. on File w/
City Hydrology, Ref. File #H-16/D110)

I. DESIGN CRITERIA

HYDROLOGIC METHODS PER SECTION 22.2, HYDROLOGY, OF THE DEVELOPMENT PROCESS MANUAL (DPM), REVISED JANUARY 1993 FOR THE CITY OF ALBUQUERQUE AND ADOPTED BY THE COUNTY OF BERNALILLO.
DISCHARGE RATE: $Q = \text{peak} \times \text{AREA}$. PEAK DISCHARGE RATES FOR SMALL WATERSHEDS
VOLUMETRIC DISCHARGE: VOLUME = EWEIGHTED \times AREA
SOIL TYPE: 'B', ETC. EMBUDO SERIES, A GRAVELLY FINE SANDY LOAM AS CLASSIFIED BY THE SCS SOIL SURVEY
P100 = 2.35 INCHES, ZONE 2
TIME OF CONCENTRATION, TC = 10 MINUTES
DESIGN STORM: 100-year/6-hour, 10-year/6-hour WHERE [] = 10 year VALUES

II. EXISTING CONDITIONS

PROJECT AREA = 1.66 ACRES, WHERE EXCESS PRECIPITATION 'A' = 0.53 IN. [0.13]
PEAK DISCHARGE, Q100 = 2.6 CFS [0.6], WHERE UNIT PEAK DISCHARGE 'A' = 1.56 CFS/ACRE [0.38]
THEREFORE: VOLUME100 = 3194 C.F. [783 C.F.]

III. DEVELOPED CONDITIONS

DETERMINE LAND TREATMENTS, PEAK DISCHARGE & WEIGHTED EXCESS PRECIPITATION

	AREA	LAND TREATMENT	UNIT PEAK DISCHARGE	'E'
UNDEVELOPED,	0.00 AC.	A	1.56[0.38]	0.53[0.13]
LANDSCAPING,	0.42 AC.	B	2.28[0.95]	0.78[0.28]
GRAVEL & COMPACTED SOIL	0.41 AC.	C	3.14[1.71]	1.13[0.52]
ROOF/PAVEMENT,	0.83 AC.	D	4.70[3.14]	2.12[1.34]
	1.66 ACRES			

Eweighted = 1.5 IN. [0.9]
Q100 = 6.1 CUBIC FEET PER SECOND (CFS) Q10 = 3.7 CFS; VOL.100 = 9280 CUBIC FEET (CF), VOL.10 = 5242 C.F.

IV. QUANTIFY UP-STREAM RUNOFF IMPACTING THE PROPERTY

THE SOUTHEAST PROPERTY CORNER AND REFERENCE FEMA MAP, 1" = 500'
BASIN EXTENDS TO THE SOUTH, APPROX. 800'
THEREFORE: AREA OF TOTAL DRAINAGE BASIN IMPACTING THE PROJECT SE CORNER = XX ACRES
FOR THE DEVELOPED CONDITION, BASED ON A UNIT DISCHARGE DETERMINED IN III.
WHERE: Q100 = 3.8 \times 3.7 CFS/AC. = 14 CFS (Total In Street) Bryn Mawr

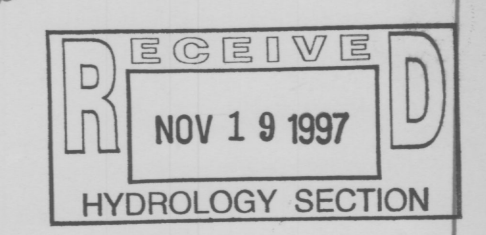
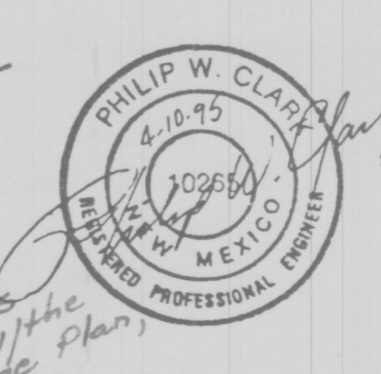
THE NORTHWEST PROPERTY CORNER AND REFERENCE FEMA MAP, 1" = 500'
BASIN EXTENDS TO THE SOUTH & WEST, APPROX. 800' \times 840' = 15 Acres
THEREFORE: Q100 = 15 \times 3.7 CFS/AC. = 55 CFS (Entering I-40 ROW)

NOTE: RUN-OFF GENERATED FROM THIS SITE IS ROUTED TO THE PROPOSED PUBLIC/PRIVATE STREETS AND CONVEYED OFFSITE VIA THE PROPOSED CONCRETE RUNDOWN AT THE TERMINUS OF THE CUL-DE-SAC. THESE FLOWS ARE THEN CONVEYED BY THE EXISTING 'V' DITCH WITHIN THE NMSH & T DEPT. R.O.W. TO THE EAST VIA AN EXISTING BOX CULVERT SYSTEM BENEATH I-40. THESE DRAINAGE FLOWS OUTFALL TO THE NORTH DIVERSION CHANNEL.

I, PHILIP W. CLARK, A PROFESSIONAL ENGINEER LICENSED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT I HAVE VISITED THE SITE SHOWN HEREON, AND THAT THE CONTOURS SHOWN REPRESENT THE EXISTING GROUND CONDITIONS, AND DO FURTHER CERTIFY THAT NO EARTHWORK OF ANY KIND, NOR ANY DISTURBANCE OF THE EXISTING GROUND HAS OCCURRED ON THIS SITE SINCE THE CONTOURS WERE DETERMINED.

Philip W. Clark 3/25/95
PHILIP W. CLARK NMPE #10265

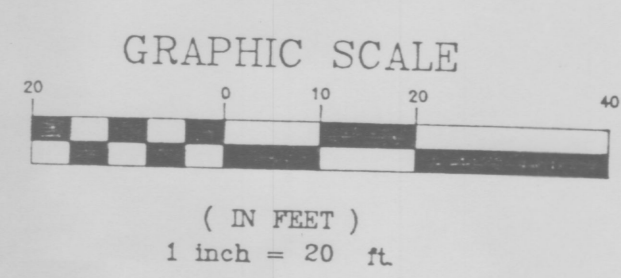
AS-CONSTRUCTED
April 30, 1997
I, Philip W. Clark, a Professional Engineer, licensed in the State of New Mexico, do hereby certify that the project as constructed, is in Substantial Compliance with the approved Grading & Drainage Plan, dated 8/3/95. As-built information provided by Philip W. Clark.



PROJECT INFORMATION
LEGAL DESCRIPTION: LOTS 6 THRU 10, BLOCK 7, AND LOTS 22A & 23A, BLOCK 6, MIRACERROS ADDITION, ALBUQUERQUE, NM
PROJECT SURVEY: TOPOGRAPHIC INFORMATION COMPILED FROM FIELD SURVEY PERFORMED BY PHILIP W. TURNER, PLS #10204, MARCH 1995.
CITY FILE REFERENCE: DRB # 94-202 DRAINAGE # H-16/D110

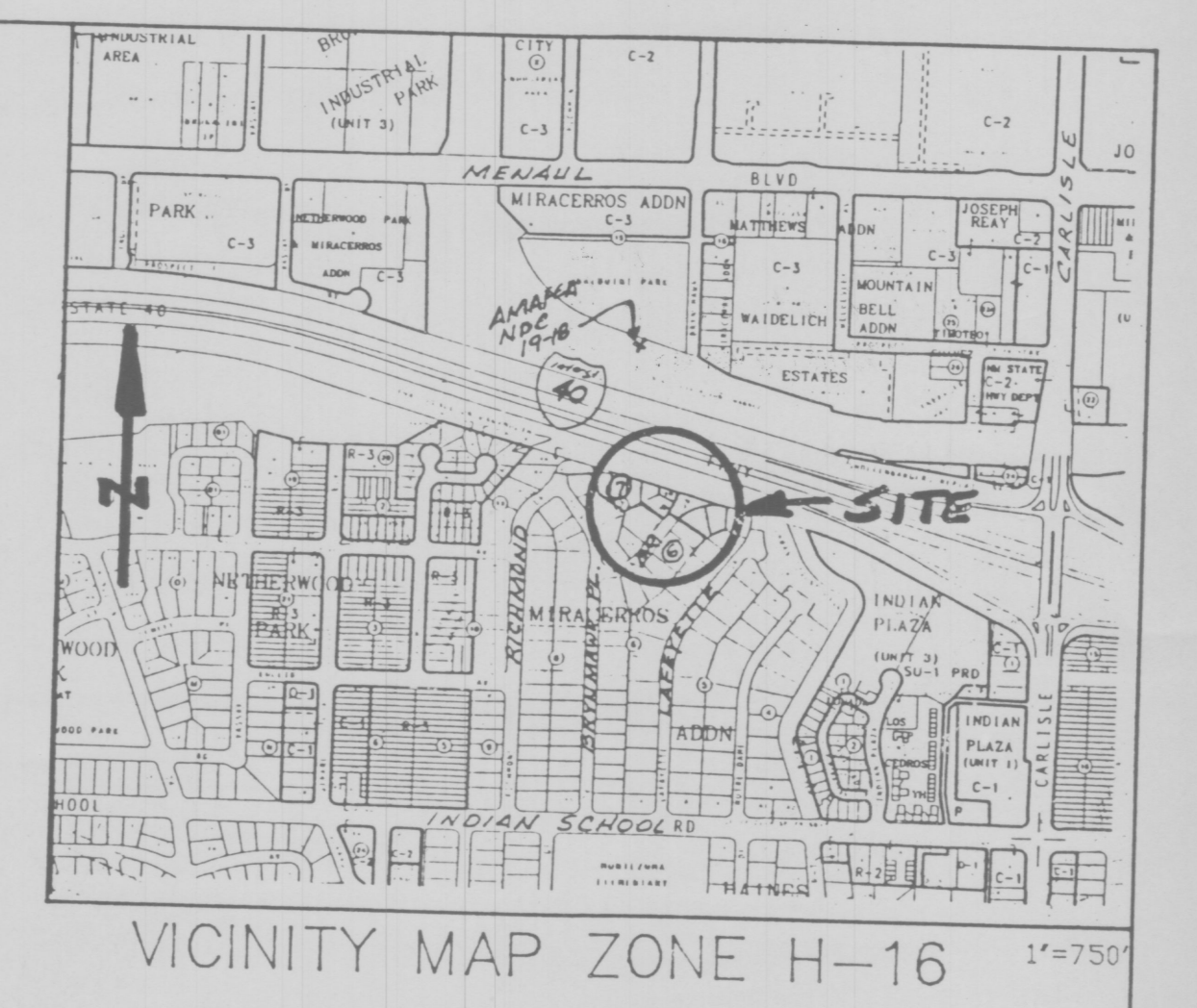
Clark Consulting Engineers	
19 Ryan Road Edgewood, New Mexico 87015 (505) 281-2444 FAX (505) 281-2444	
DATE	REVISION
5/17/95	REV. LOT CONTOUR
8/3/95	ADDED CITY COMMENTS
4-30-97	COA Hydrology
DESIGNED BY: PVC	DRAWN BY: JOB No:
CHECKED BY: PVC	DATE: FILE No:
SHEET No. 1 of 1	

CPN 5265.90



LEGEND

EXIST. SPOT ELEV.	+ 99.6
EXIST. CONTOUR	08
NEW SPOT ELEV.	+ 10.10
NEW CONTOUR	10
NEW STRUCTURE	Conceptual Pad
NEW CONCRETE	



CALCULATIONS
(Additional Calcs. on File w/
City Hydrology, Ref. File #H-16/D110)

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P100 = 2.35 INCHES, ZONE 2
TIME OF CONCENTRATION, TC = 10 MINUTES
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1.66 ACRES			

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FOR THE DEVELOPED CONDITION, BASED ON A UNIT DISCHARGE DETERMINED IN III.
WHERE: Q100 = 3.8 x 3.7 CFS/AC. = 14 CFS (Total in Street) Bryn Mawr

THE NORTHWEST PROPERTY CORNER AND REFERENCE FEMA MAP, 1" = 500'
BASIN EXTENDS TO THE SOUTH & WEST, APPROX. 800' x 840' = 15 Acres
THEREFORE: Q100 = 15 x 3.7 CFS/AC. = 55 CFS (Entering I-40 ROW)

NOTE: RUN-OFF GENERATED FROM THIS SITE IS ROUTED TO THE PROPOSED PUBLIC/PRIVATE STREETS AND CONVEYED OFFSITE VIA THE PROPOSED CONCRETE RUNDOWN AT THE TERMINUS OF THE CUL-DE-SAC. THESE FLOWS ARE THEN CONVEYED BY THE EXISTING "V" DITCH WITHIN THE NMSP & T DEPT. R.O.W. TO THE EAST VIA AN EXISTING BOX CULVERT SYSTEM BENEATH I-40. THESE DRAINAGE FLOWS OUTFALL TO THE NORTH DIVERSION CHANNEL.

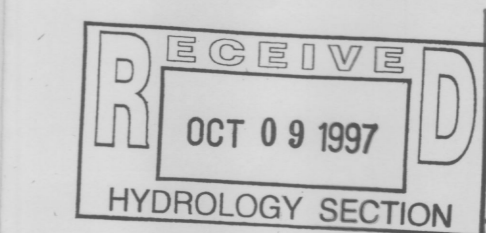
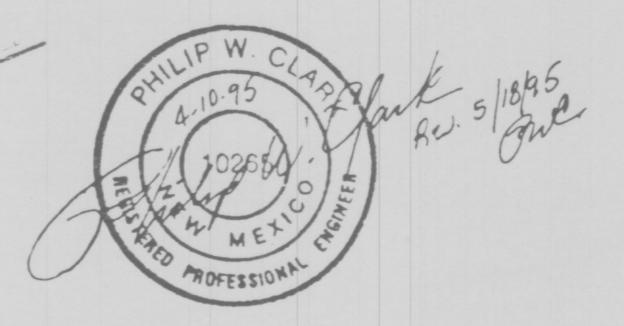
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Philip W. Clark 3/25/95
PHILIP W. CLARK NMPE #10265

PROJECT INFORMATION

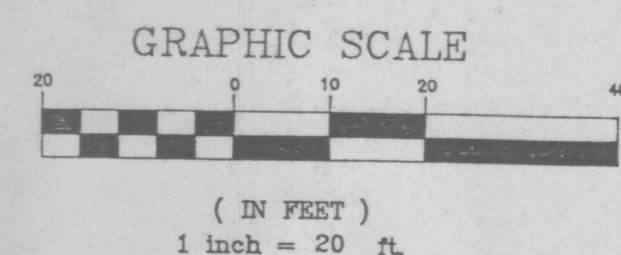
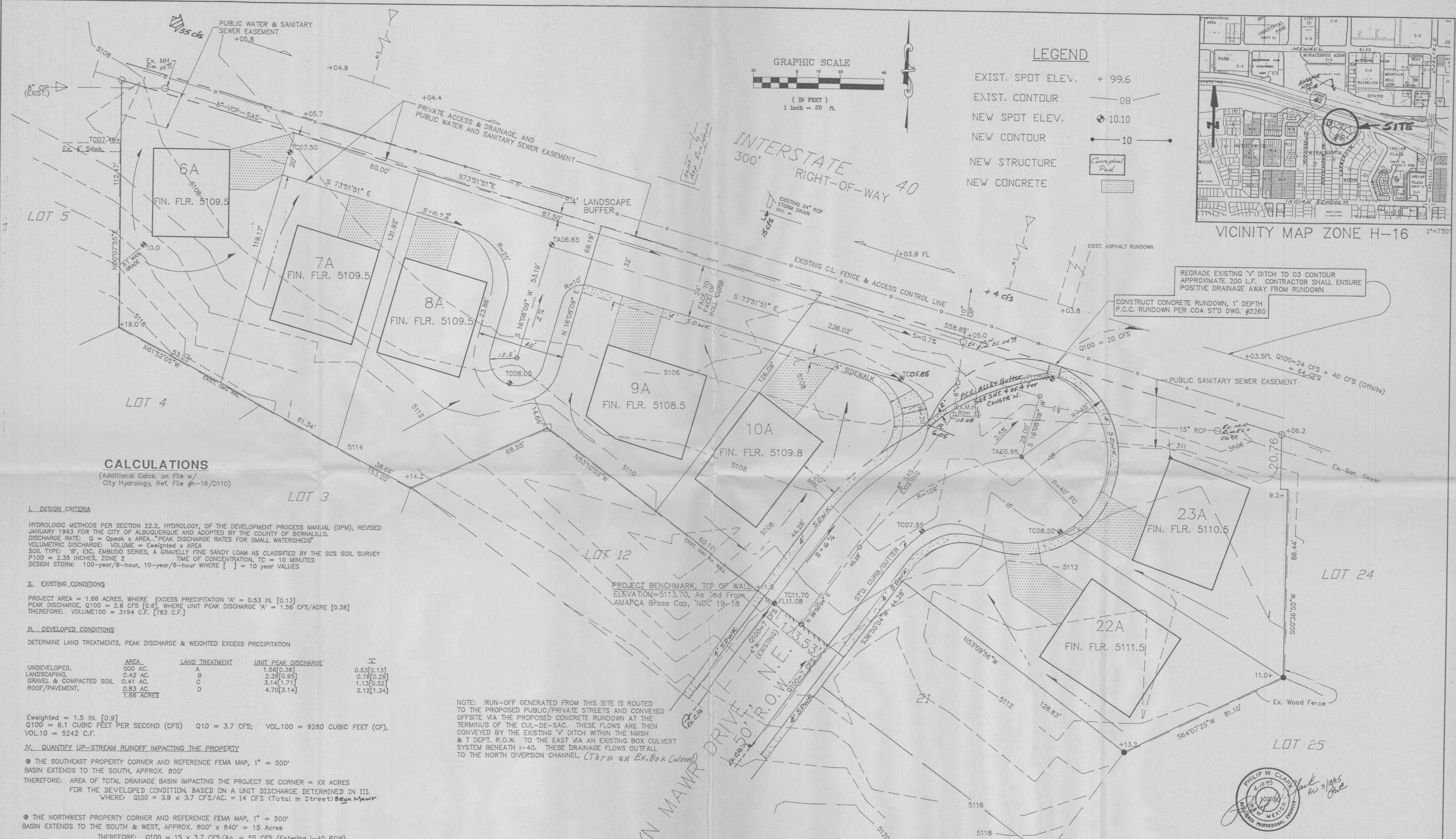
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CITY FILE REFERENCE: DRB # 94-202 DRAINAGE # H-16/D110

AS-CONSTRUCTED
April 30, 1997



Clark Consulting Engineers 19 Ryan Road Edgewood, New Mexico 87015 (505) 261-2444 FAX (505) 281-2444	
DATE	REVISION
5/12/95	REV. LOT CONTOUR
8/3/95	" COA
4-30-97	Hydrology
DESIGNED BY	PWC
CHECKED BY	PWC
DRAWN BY	DATE
JOB No.	FILE No.
SHEET No. 1 of 1	

CPN 5265.90



LEGEND

- EXIST. SPOT ELEV. + 99.6
- EXIST. CONTOUR 08
- NEW SPOT ELEV. 10.10
- NEW CONTOUR 10
- NEW STRUCTURE
- NEW CONCRETE

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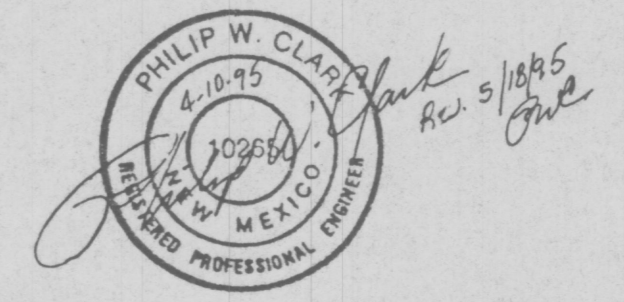
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Clark Consulting Engineers
19 Ryan Road Edgewood, New Mexico 87015
(505) 231-2444 FAX (505) 281-2444

DATE	REVISION
5/17/95	REV. LOT CONTOUR
8/3/95	ADDED CITY COMMENTS
	COA
	Hydrology
DESIGNED BY: PWC	DRAWN BY: PWC
CHECKED BY: PWC	DATE: 8/17/95
JOB NO: 10265	FILE NO: 10265
SHEET NO: 1 of 1	