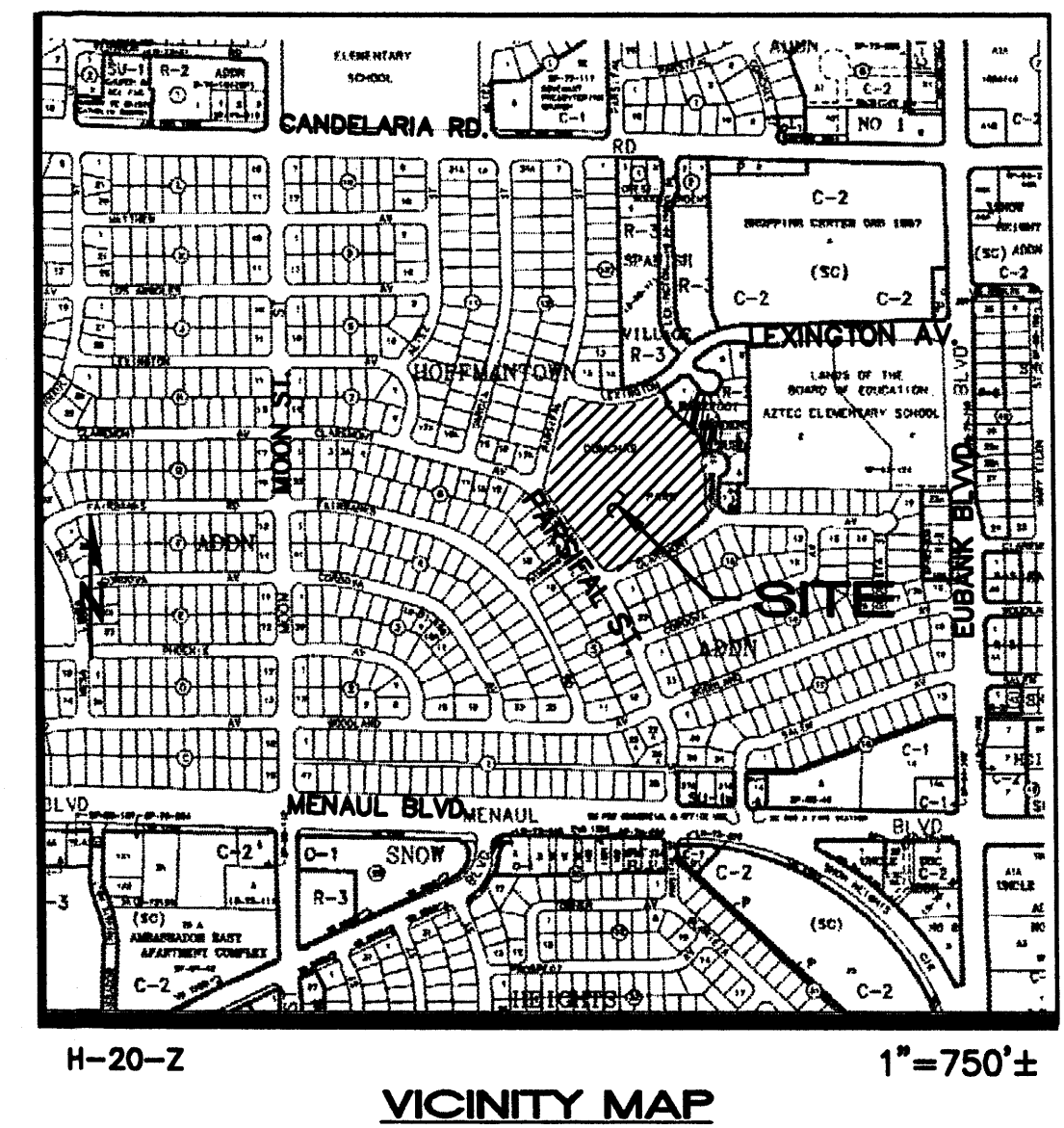
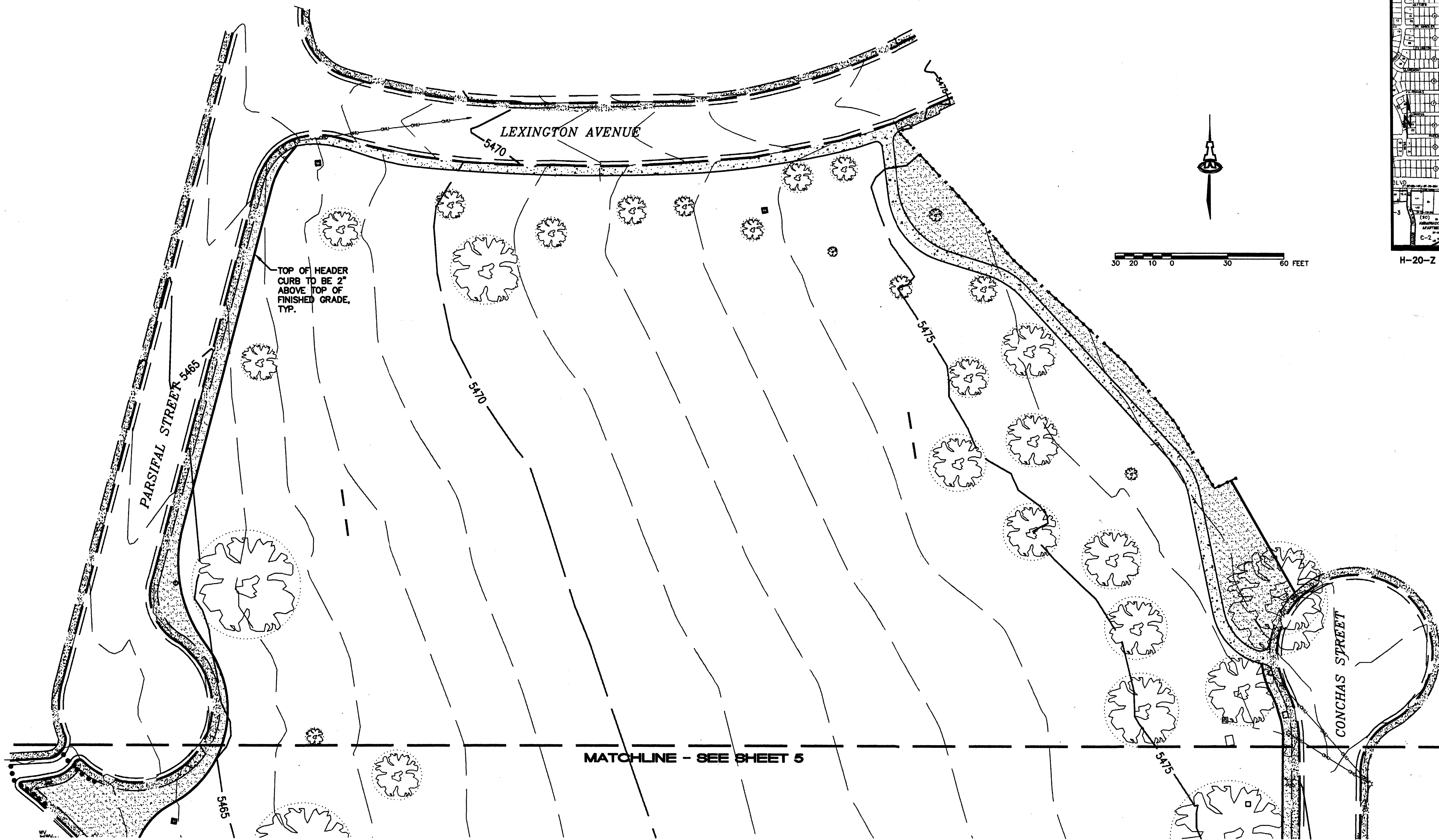




HYDROLOGY NOTES:

LEGAL DESCRIPTION:
CONCHAS PARK, HOFFMANTOWN ADDITION

AREA:
7.5618 ACRES

BENCHMARK:
ACS "12-H20"
ELEV. = 5476.759 (SLD 1929)

FLOOD ZONE DESIGNATION:
NO PORTION OF THIS SITE LIES WITHIN THE 100-YR FLOOD PLAIN AS SHOWN ON PANEL 356 OF 825 OF THE FEMA FLOOD INSURANCE RATE MAPS DATED SEPTEMBER 20, 1996.

EXISTING CONDITIONS:
THIS SITE IS AN EXISTING CITY PARK, WITH GRASS FIELDS THAT SLOPE DOWNHILL TO THE WEST AT APPROXIMATELY A 2% SLOPE. THIS PARK IS BOUNDED BY LEXINGTON AVENUE TO THE NORTH, PARSIFAL STREET TO THE WEST, CLAREMONT AVENUE TO THE SOUTH, AND CONCHAS STREET AND THE BAREFOOT GARDENS SUBDIVISION TO THE EAST. STORM WATER FLOWS OF 19.7 CFS ARE HISTORICALLY ALLOWED TO SHEET TO PARSIFAL STREET.

EXISTING HYDROLOGY:

PRECIPITATION ZONE: 3

BASIN 1

LAND TREATMENTS: 7.56 ACRES (100% TYPE B)
 $Q_p = 7.56 (2.60) = 19.7$ CFS

PROPOSED CONDITIONS:

THIS PLAN INCORPORATES IMPROVEMENTS TO THE SOUTHWEST CORNER OF THE SITE. THESE NEW IMPROVEMENTS INCLUDE AN 8-SPACE PARKING AREA, COVERED PICKNIC TABLES, A BASKETBALL COURT, AND A SAND LOT. EXISTING GRASS AND TREES WILL REMAIN IN OTHER AREAS OF THE PARK. THESE CHANGES INCREASE THE FLOW FROM THE SITE BY 0.7 CFS. WITH 0.326 ACRES OF IMPERVIOUS AREA, FLOWS FROM THE SITE ARE STILL CONDUCTED WEST TO PARSIFAL STREET.

PROPOSED HYDROLOGY:

BASIN 1

LAND TREATMENTS: 7.24 AC. (95.69% TYPE B)
0.33 AC. (4.31% TYPE D)
 $Q_p = 7.24 (2.60) + 0.33 (5.02) = 20.4$ CFS

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- FINISH FLOOR ELEVATION
- SIDEWALK CULVERT
- TOP OF CURB ELEVATION

the Landscape Group
LANDSCAPE & GOLF COURSE ARCHITECTURE
1209 ALBUQUERQUE BLVD. SUITE 100
ALBUQUERQUE, NM 87102
TEL: (505) 262-1000 FAX: (505) 262-1001

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
209GRD.DWGksh view1 03/04/02

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: CONCHAS PARK GRADING & DRAINAGE PLAN	
Design Review Committee	City Engineer Approval
City Project No.	Zone Map No. H-20
Sheet 4	Of 15

ENGINEER'S SEAL
GERRITVE L. DONNET
NEW MEXICO
15068
0402
PROFESSIONAL ENGINEER

REVISIONS	DATE	BY
DESIGN	03/02	
REVISIONS	03/02	
DESIGN	03/02	



1. BUILD MEDIAN CURB PER COA STD DWG #2415.
2. (2) 1-1/2" LIFTS OF RESIDENTIAL ASPHALT, TYPE A GRADIATION, 1500 LB STABILITY, OVER 12" SUBGRADE COMPACTED TO 95% DENSITY.
3. CAREFULLY REMOVE 55 LF EXISTING CURB.
4. MATCH EXISTING CURB & GUTTER.
5. TOP OF HEADER CURB ELEV= 69.4

$$.67' + .18' = .85'$$

- 
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the
Landscape
Group

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ALBUQUERQUE NEW MEXICO 87102

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CONCHAS PARK
GRADING & DRAINAGE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No. H-20	Sheet	Of	15

SURVEY INFORMATION		BENCHMARKS	AS-BUILT INFORMATION	
FIELD	NOTES		CONTRACTOR	
		ACS 3-1/4" ALUMINUM CAP STAMPED "12-H20, 1989" SET FLUSH WITH TOP OF CURB IN CENTER MEDIAN LOCATED ON MENAUL BLVD, NE. 48.1' WEST OF CENTERLINE OF PARSIFAL ST. X=414290.22, Y=1495028.63, NM CENTRAL ZONE (NAD 1927) ELEVATION= 5467.759 (SLD 1929)	WORK STAMPED BY: ACCEPTANCE BY: FIELD LAYOUT BY: DRAWINGS CORRECTED BY:	DATE DATE DATE DATE
			MICRO-FILM INFORMATION	
			RECORDED BY:	DATE
			N/C.	



NO.	DATE	REMARKS	BY
REVISIONS			
DESIGN			
DESIGNED BY		GLD	DATE 03/02
DRAWN BY		KSH	DATE 03/02
CHECKED BY		GLD	DATE 03/02