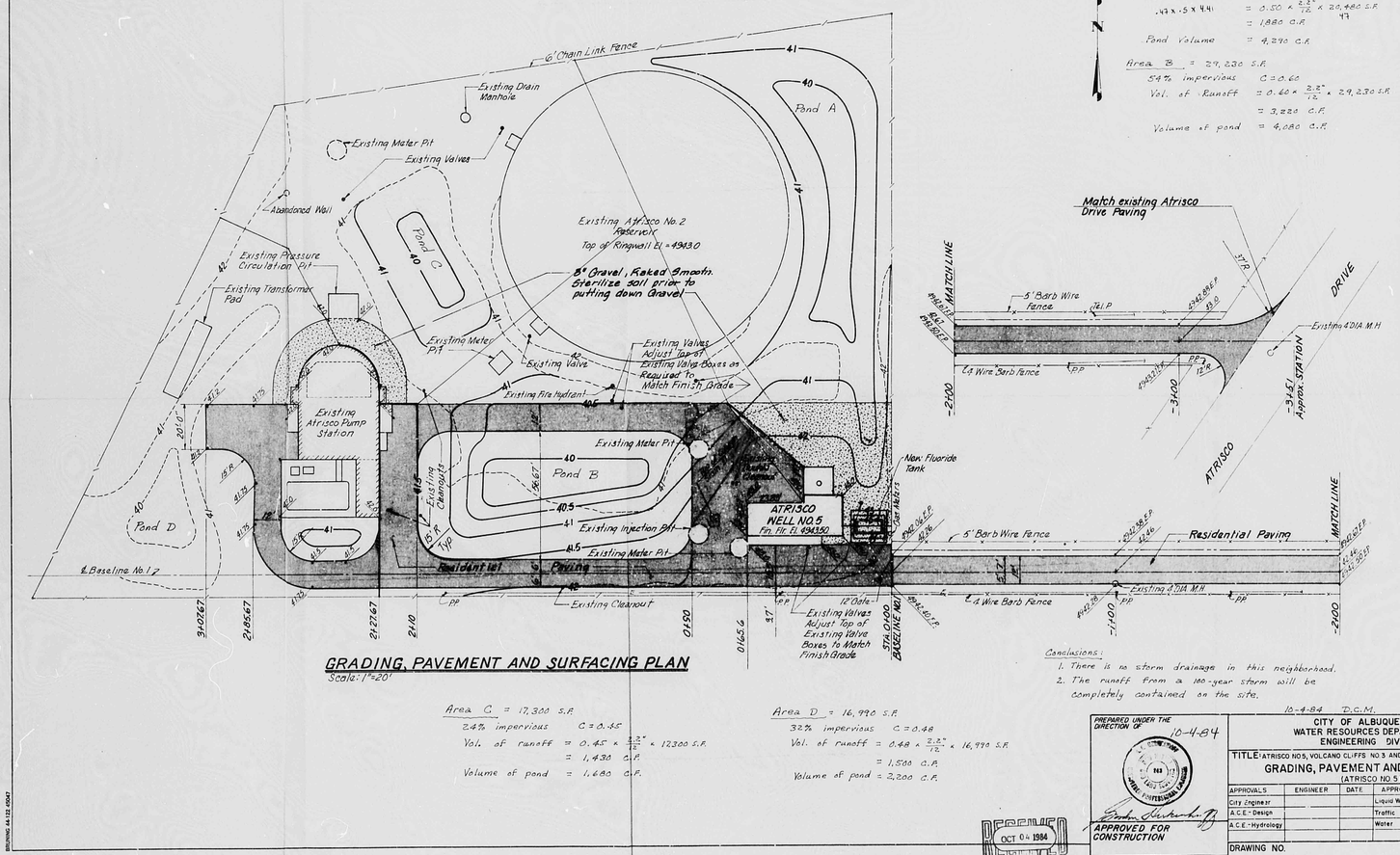
PUBLIC WORKS/HYDROLOGY

L12/D3

GORDON HERKENHOFF & ASSOC. INC.
Albuquerque, New Mexico (505) 247-0294



GRADING, PAVEMENT AND SURFACING PLAN

Scale: 1"=20'

DRAINAGE DATA

General

Rainfall intensity for 100-year storm = 2.2"
S.C.S. soil group B

Area A = 20,480 S.F.

35% impervious C = 0.50 — Pd = 2.2; i = Pd 6.49 Tc^-.51 = 4.41

Vol. of Runoff = C I A
= 0.50 × 2.2"/12 × 20,480 S.F.
.47 × .5 × 4.41 = 1,880 C.F.

Pond Volume = 4,270 C.F.

Area B = 29,230 S.F.

54% impervious C = 0.60

Vol. of Runoff = 0.60 × 2.2"/12 × 29,230 S.F.
= 3,220 C.F.

Volume of pond = 4,080 C.F.

Area C = 17,300 S.F.

24% impervious C = 0.45

Vol. of runoff = 0.45 × 2.2"/12 × 17,300 S.F.
= 1,430 C.F.

Volume of pond = 1,680 C.F.

Area D = 16,990 S.F.

32% impervious C = 0.48

Vol. of runoff = 0.48 × 2.2"/12 × 16,990 S.F.
= 1,500 C.F.

Volume of pond = 2,200 C.F.

Conclusions:

1. There is no storm drainage in this neighborhood.
2. The runoff from a 100-year storm will be completely contained on the site.

10-4-84 D.C.M.

PREPARED UNDER THE DIRECTION OF 10-4-84

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

RECEIVED OCT 04 1984 HYDROLOGY SECTION

CITY OF ALBUQUERQUE
WATER RESOURCES DEPARTMENT
ENGINEERING DIVISION

TITLE: ATRISCO NO.5, VOLCANO CLIFFS NO.3 AND WALKER NO.1 WELL EQUIPMENT
GRADING, PAVEMENT AND SURFACING PLAN
(ATRISCO NO.5)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.
PROJECT NO. 2213
SHEET 3 OF 47

FOR REVIEW ONLY

AS BUILT INFORMATION: CONSTRUCTION STAKED BY / SURVEY BY / FIELD BOOK / FIELD CREW / DRAWN BY / CHECKED BY / RECEIVED BY — DATE

MICRO-FILM INFORMATION: DATE / RECORDED BY / DATE

BENCH MARKS: 7.9.12. Chiseled Square on top wall of Reservoir. Elev. 5.0' above Pump House Floor. Elev. 4943.0 (Assumed). Level Loop from Albuquerque City Survey, Bench Mark 12-K-12.

SURVEY INFORMATION: FIELD NOTES — NO. / BY / DATE

REFERENCES: MAP NO. / EST. NO. / W.O. NO.

REMARKS

REVISIONS: NO. / DATE / BY

DESIGN: DATE NOV. 1980
DRAWN: DATE NOV. 1980
CHECKED BY: DATE

R# 27 DATE 3-29-02 OP 2 OF

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the Public Works Department and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS1A6-1977)

DIRECTOR

NOTARY PUBLIC

OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 6/10/02

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

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PLANS/PLATS ON FILE

FILE DESC: L121D3

PLANS/PLATS 1

E 30 D 24 C 20 B 16 A 12 CITY OF ALBUQERQUE C D F

GORDON HERKENHOFF & ASSOC. INC.
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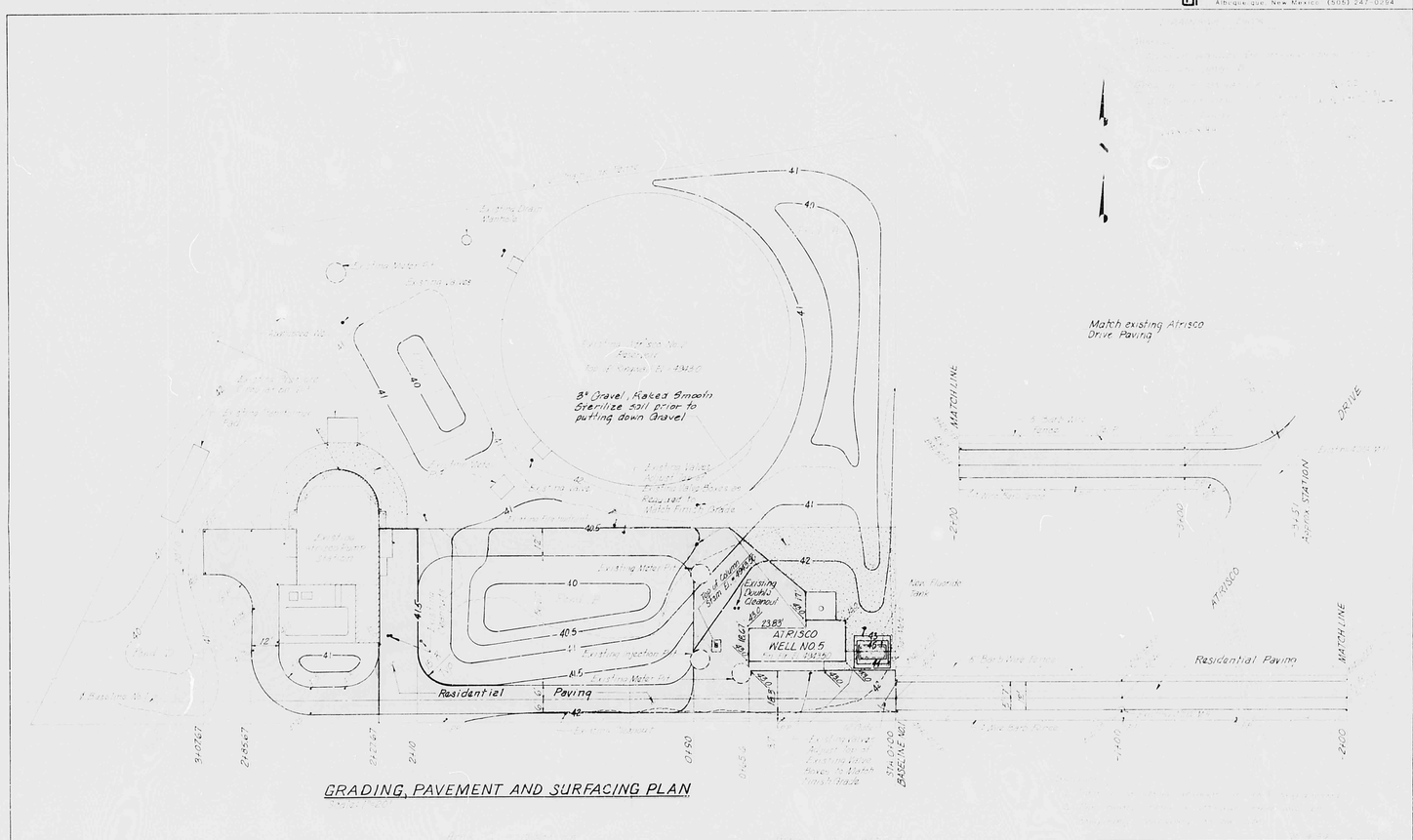

GRADING, PAVEMENT AND SURFACING PLAN

NO	DATE	REVISIONS OF PLAN REMARKS	BY

AS BUILT INFORMATION

BENCH MARKS

SURVEY INFORMATION

REFERENCE	NO	FIELD NOTE	BY	DATE
MAP NO.				
EST NO				

PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
WATER RESOURCES DEPARTMENT
ENGINEERING DIVISION

TITLE: ATRISCO NO. 5 WELLSITE, 5.0 ACRE SITE, SW QUADRANT, SECTION 29, T10N, R2E, N.M.P.M.
GRADING, PAVEMENT AND SURFACING PLAN

APPROVED	ENGINEER	DATE	APPROVAL	ENGINEER	DATE
City Engineer			Liquid Waste		
S.E. Design			Traffic		
S.E. Hydrology			Water		

DRAWING NO
PROJECT NO 2213
SHEET 3 OF 47

FOR REVIEW ONLY

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01/02/85

E 30 D 24 C 20 B 16 A 12 | CITY OF ALBUQERQUE C D F