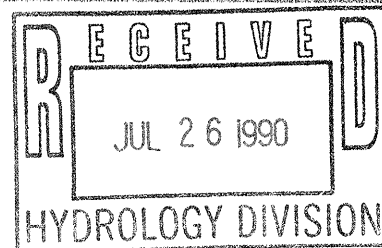




# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103



July 24, 1990

## CERTIFICATE OF COMPLETION AND ACCEPTANCE

Mr. Rick Davis, Cauwels & Davis  
Centre East Joint Venture  
1116 Pennsylvania N.E.  
Albuquerque, NM 87110

RE: PROJECT NO. 3896, HORNE DEVELOPMENT ADDITION, HOTEL CIRCLE, (MAP NO. K-21)

Dear Mr. Davis:

This is to certify that the City of Albuquerque accepts Project No. 3896 as being completed according to approved plans and construction specifications. The City of Albuquerque will accept for continuous maintenance all public infrastructure improvements constructed as part of Project No. 3896.

The project is described as follows:

- 8" sanitary sewer main and appurtenances in a 20' public sanitary sewer easement on Tract 1-CIA-6, Horne Development Addition.
- The contractor's correction period began February 2, 1990 and will be effective for a period of one (1) year.

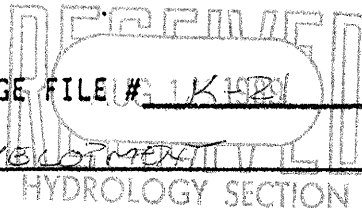
Sincerely,

Brian L. Speicher, P.E.  
Chief Construction Engineer  
Design/Construction Division  
Engineering Group  
Public Works Department

BLS:kt

K21/D16C

## DRAINAGE INFORMATION SHEET

PROJECT TITLE: DAYS INN ZONE ATLAS/DRAINAGE FILE # 1K1B1LEGAL DESCRIPTION: TR 1-C1A-G HORNE DEVELOPMENT

CITY ADDRESS: \_\_\_\_\_

ENGINEERING FIRM: RESOURCE TECH. INC. CONTACT: RAY GOMEZADDRESS: 2129 OSUNA RD NE ALB NM 87113 PHONE: 345-3115

OWNER: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

SURVEYOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ CONTACT: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ PHONE: \_\_\_\_\_

## PRE-DESIGN MEETING:

\_\_\_\_ YES DRB NO. \_\_\_\_\_

\_\_\_\_ NO EPC NO. \_\_\_\_\_

\_\_\_\_ COPY OF CONFERENCE  
RECAP SHEET PROVIDED PROJECT NO. \_\_\_\_\_

## TYPE OF SUBMITTAL:

\_\_\_\_ DRAINAGE REPORT

☒ DRAINAGE PLAN

\_\_\_\_ CONCEPTUAL GRADING &amp; DRAIN PLAN

☒ GRADING PLAN

\_\_\_\_ EROSION CONTROL PLAN

\_\_\_\_ ENGINEER'S CERTIFICATION

## CHECK TYPE OF APPROVAL SOUGHT:

\_\_\_\_ SECTOR PLAN APPROVAL

\_\_\_\_ SKETCH PLAT APPROVAL

\_\_\_\_ PRELIMINARY PLAT APPROVAL

\_\_\_\_ SITE DEVELOPMENT PLAN APPROVAL

\_\_\_\_ FINAL PLAT APPROVAL

☒ BUILDING PERMIT APPROVAL

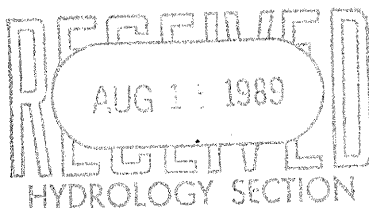
\_\_\_\_ FOUNDATION PERMIT APPROVAL

\_\_\_\_ CERTIFICATE OF OCCUPANCY  
APPROVAL

\_\_\_\_ ROUGH GRADING PERMIT APPROVAL

\_\_\_\_ GRADING/PAVING PERMIT APPROVAL

\_\_\_\_ OTHER \_\_\_\_\_ (SPECIFY)

DATE SUBMITTED: AUG. 14, 1989BY: RAY GOMEZ

*City of Albuquerque*

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103



KEN SCHULTZ  
MAYOR

August 7, 1989

Elvidio Diniz, P.E.  
Resource Technology, Inc.  
2129 Osuna Road, NE Suite 2A  
Albuquerque, New Mexico 87113

RE: REVISED DRAINAGE PLAN FOR DAYS INN  
(K-21/D16C) REVISION DATED AUGUST 14, 1989

Dear Mr. Diniz:

Based on the information provided on your resubmittal of August 15, 1989,  
the above referenced plan is approved for Building Permit.

Please attach a copy of this plan to the construction sets prior to  
sign-off by Hydrology.

If I can be of further assistance, please feel free to call me at  
768-2650.

Cordially,

Bernie J. Montoya, C.E.  
Engineering Assistant

BJM/bsj  
(WP+1171)

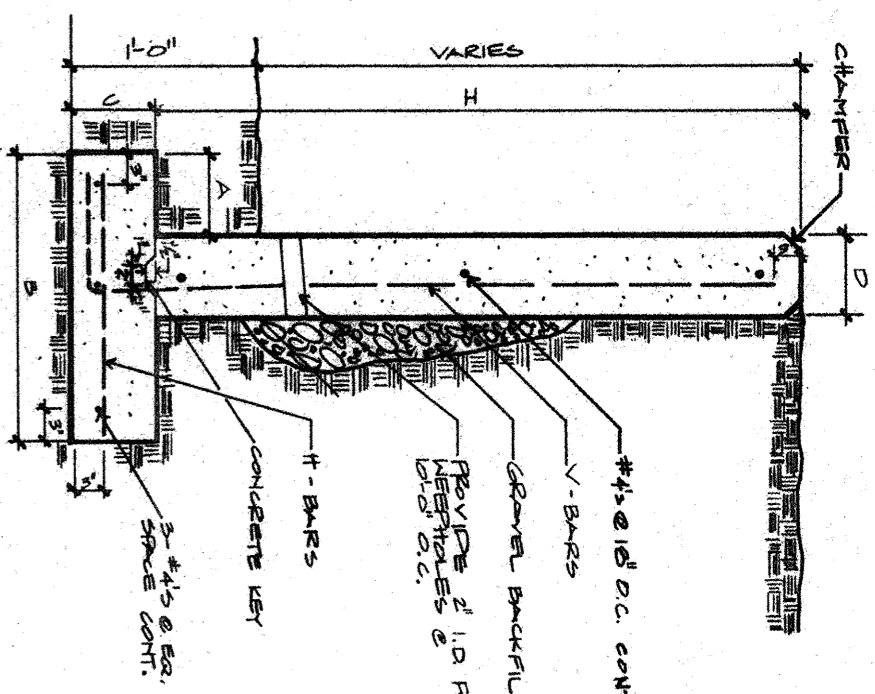
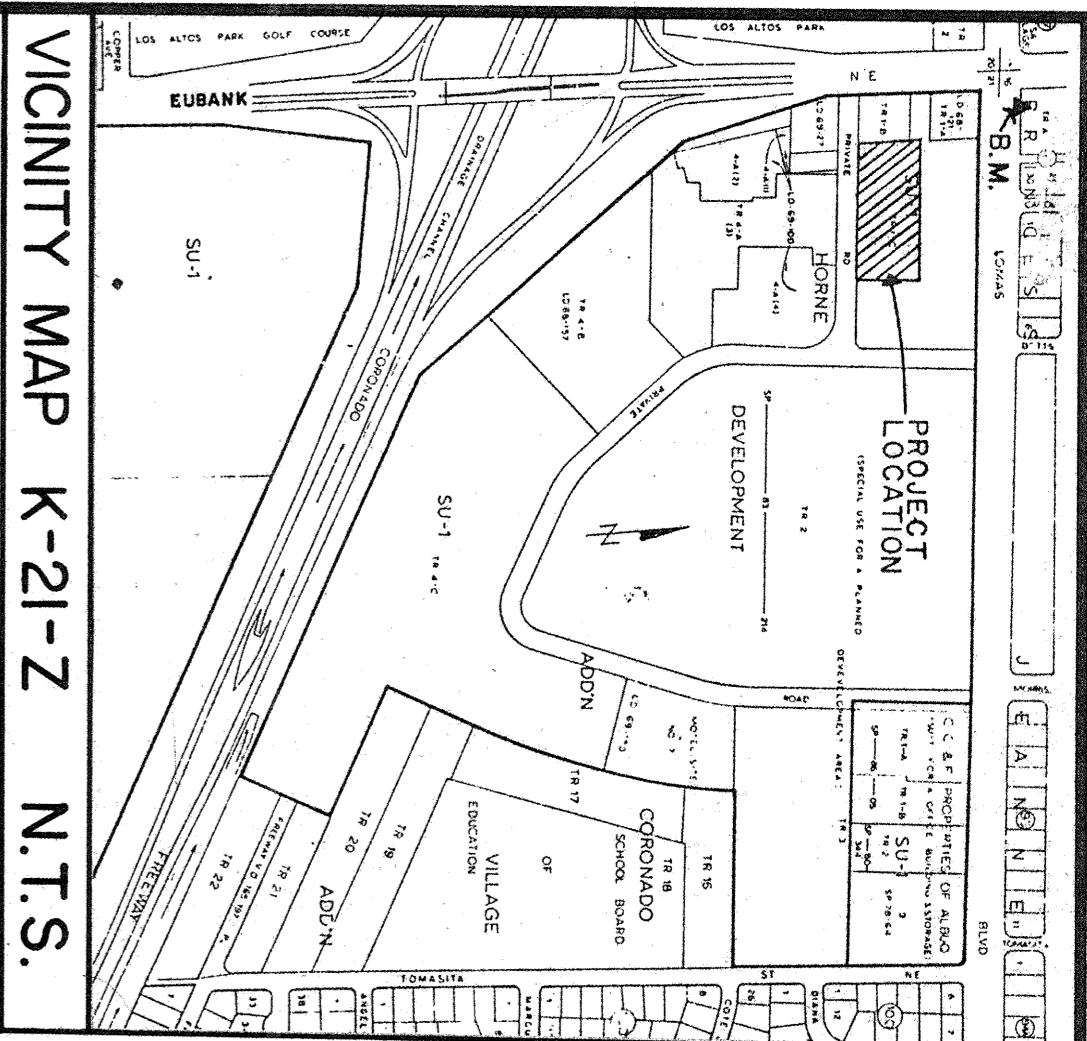
PUBLIC WORKS DEPARTMENT

Walter H. Nickerson, Jr., P.E.  
Assistant Director Public Works

ENGINEERING GROUP

Telephone (505) 768-2500

AN EQUAL OPPORTUNITY EMPLOYER



D	H	B	C	A	V-BANK	H-BANK
1	2.0	2.0	2.0	2.0	2.0	2.0
2	2.0	2.0	2.0	2.0	2.0	2.0
3	2.0	2.0	2.0	2.0	2.0	2.0
4	2.0	2.0	2.0	2.0	2.0	2.0
5	2.0	2.0	2.0	2.0	2.0	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0
7	2.0	2.0	2.0	2.0	2.0	2.0
8	2.0	2.0	2.0	2.0	2.0	2.0
9	2.0	2.0	2.0	2.0	2.0	2.0
10	2.0	2.0	2.0	2.0	2.0	2.0

LEGEND	
	PROPOSED BUILDING
	TRANSITION AREA
	FLOW DIRECTION
	NEW ELEVATION
	EXISTING ELEVATION
	RETAINING WALL

1" = 20'

**SITE DESCRIPTION:**  
Present - The site is currently undeveloped with sparse growth of native grasses. The site slopes gently to the west with approximately 7 feet of relief across its extent.  
Proposed - The project site will be developed for a two-story hotel building with landscaping and asphalt parking. Proposed design will allow on-site parking to discharge freely into Hotel Avenue via swales in the parking lot.

**FLOOD HAZARD ZONE:** Zone C

**SOIL TYPE:** TY B - Tiller - Soil Group "B"

**DRAINAGE AREA:** Rectangular shaped lot consisting of 59,109 s.f.

**OFF-SITE DRAINAGE:** Off-site flows accepted through this site until surrounding area developed. Off-site Area = 34,823 s.f.

**HYDROLOGY**

**Time of Concentration (Tc)**  
Length = 531.8 ft.  
Slope = 4.59 min.  
V = 1.95 ft./sec.  
Adjusted V = 0.81 ft./sec.  
Adjusted Tc = 11.05 min.

**Six Hour Rainfall Depth from NOAA Atlas 2, Vol. IV**  
10 Year = 2.6 inches  
100 Year = 2.4 inches

**Peak Rainfall Intensity**  
10 Year = 3.3 inches/hr.  
100 Year = 5.0 inches/hr.

**Run-off Coefficients - "C" in Rational Formula**  
ON-SITE: Undeveloped = 59,109 s.f.; C = 0.40  
Existing Undeveloped = 34,823 s.f.; C = 0.40

**ON-SITE:**  
Proposed Roof = 15,132 s.f.; C = 0.90  
Proposed Streets, Drives and Walks = 38,076 s.f.; C = 0.95  
Proposed Lawns and Landscaping = 5,901 s.f.; C = 0.25  
Proposed Condition Weighted = 59,109 s.f.; C = 0.87

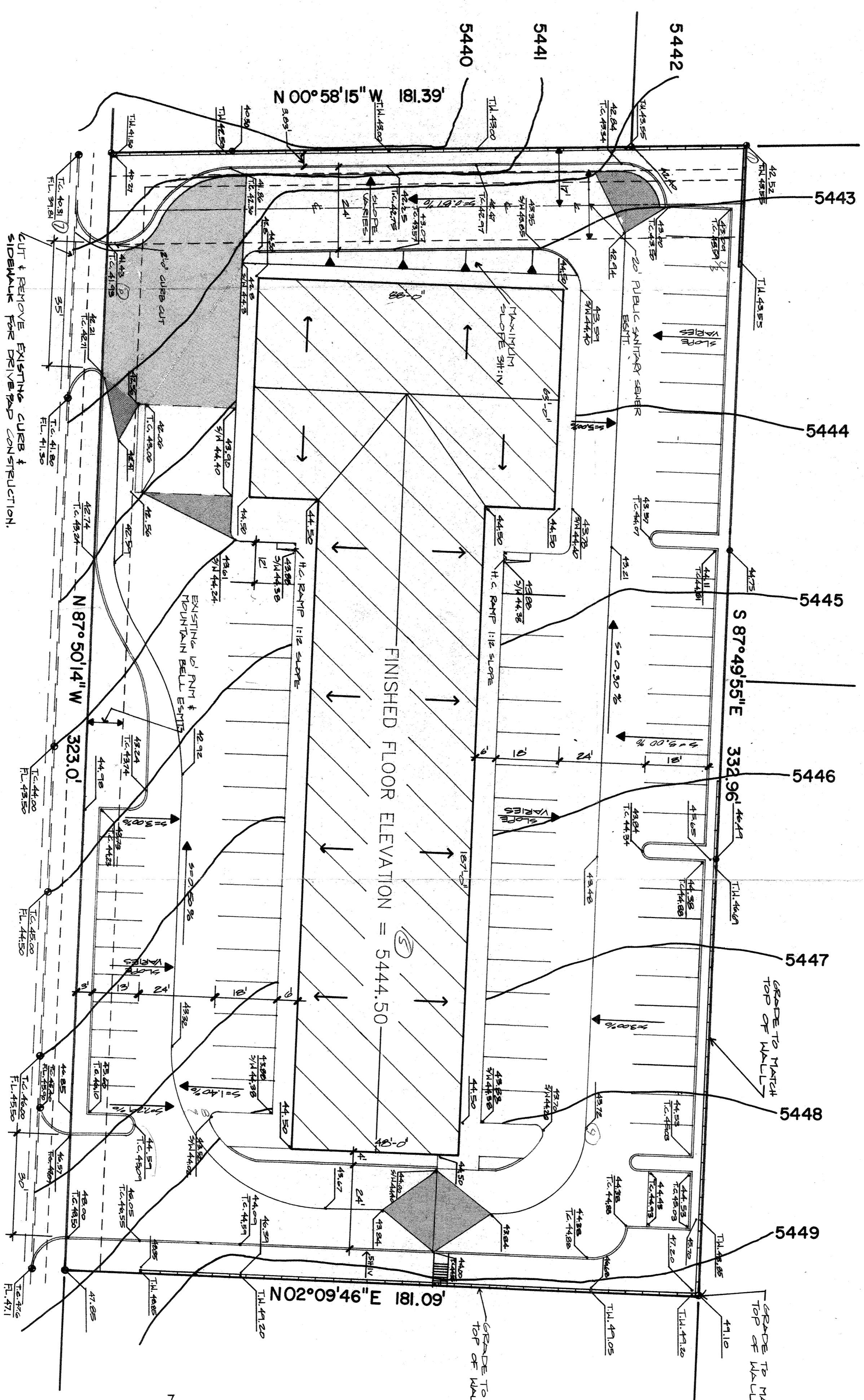
**OFF-SITE:**  
Existing Undeveloped = 34,823 s.f.; C = 0.40

**Run-off Curve Number (CN)**  
ON-SITE: Existing Condition Imperviousness = 0%  
Proposed Condition Imperviousness = 90%  
Existing Condition CN = 70  
Proposed Condition CN = 92

**OFF-SITE:**  
Existing Condition Imperviousness = 0%  
Existing Condition CN = 70

RESULTS			
ON-SITE:	Return Period	Existing Condition	Proposed Condition
Run-off Volume (c.f.)	10-Year	739	4,433
Peak Discharge (c.f.s.)	10-Year	2,118	7,881
Peak Discharge (c.f.s.)	100-Year	1.8	3.9
Peak Discharge (c.f.s.)	100-Year	2.7	5.9
Run-off Volume (c.f.)	10-Year	432	---
Run-off Volume (c.f.)	100-Year	1,295	---
Peak Discharge (c.f.s.)	10-Year	1.0	---
Peak Discharge (c.f.s.)	100-Year	1.6	---

NOTES: ON & OFF-SITE FLOOD STUDY SHALL BE DONE AND ALLOWED TO DISCHARGE FREELY THRU NEW DRAINAGE



**LEGAL DESCRIPTION:**  
TRACT I-CIA-6 PER PLAT FOR HORNE DEVELOPMENT ADDITION TRACTS I-CIA-1 THRU I-CIA-7 JULY 1989

DESIGNED BY: **R.G.**

DRAWN BY: **G.C.**

CHECKED BY: **ED.**

DATE: **JUL 1989**

**DAYS INN GRADING and DRAINAGE PLAN**

**Resource Technology, Inc.**  
ENGINEERS & ENVIRONMENTAL SCIENTISTS  
2129 OSUNA NE - SUITE 2A, ALBUQUERQUE, NEW MEXICO 87113  
TELEPHONE - (505) 345-3115