

## DRAINAGE INFORMATION SHEET

PROJECT TITLE: EAGLE RIDGE UNIT 2 PHASE 2 ZONE ATLAS/DRNG. FILE # B12/DIC  
 DRB #: \_\_\_\_\_ EPC #: \_\_\_\_\_ WORK ORDER #: 3443.91  
 LEGAL DESCRIPTION: EAGLE RIDGE UNIT 2 PHASE 2  
 CITY ADDRESS: EAGLE RIDGE UNIT 2 PHASE 2

ENGINEERING FIRM: BOHANNAN HUSTON, INC.  
 ADDRESS: 7500 JEFFERSON NE, ALB. NM 87109

OWNER: SANDIA PROPERTIES LTD. CO  
 ADDRESS: #10 TRAMWAY LOOP

ARCHITECT: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

SURVEYOR: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

CONTACT: TAMARA K. MORGAN  
 PHONE: 823-1000

CONTACT: TONY SCIARRILLO  
 PHONE: 856-6419

CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_

CONTACT: \_\_\_\_\_  
 PHONE: \_\_\_\_\_

## TYPE OF SUBMITTAL:

## CHECK TYPE OF APPROVAL SOUGHT:

- \_\_\_\_ DRAINAGE REPORT  
 \_\_\_\_ DRAINAGE PLAN  
 \_\_\_\_ CONCEPTUAL GRADING & DRAINAGE PLAN  
 \_\_\_\_ GRADING PLAN  
 \_\_\_\_ EROSION CONTROL PLAN  
☒ ENGINEER'S CERTIFICATION  
 \_\_\_\_ OTHER

- \_\_\_\_ SKETCH PLAT APPROVAL  
 \_\_\_\_ PRELIMINARY PLAT APPROVAL  
 \_\_\_\_ S. DEV. PLAN FOR SUB'D. APPROVAL  
 \_\_\_\_ S. DEV. PLAN FOR BLDG. PERMIT APPROVAL  
 \_\_\_\_ SECTOR PLAN APPROVAL  
 \_\_\_\_ FINAL PLAT APPROVAL  
 \_\_\_\_ FOUNDATION PERMIT APPROVAL  
 \_\_\_\_ BUILDING PERMIT APPROVAL  
 \_\_\_\_ CERTIFICATE OF OCCUPANCY APPROVAL  
 \_\_\_\_ GRADING PERMIT APPROVAL  
 \_\_\_\_ PAVING PERMIT APPROVAL  
 \_\_\_\_ S.A.D. DRAINAGE REPORT  
 \_\_\_\_ DRAINAGE REQUIREMENTS  
☒ OTHER RELEASE OF FINANCIAL GUARANTEES (SPECIFY)

## PRE-DESIGN MEETING:

- \_\_\_\_ YES  
 \_\_\_\_ NO  
 \_\_\_\_ COPY PROVIDED

DATE SUBMITTED:

BY:

10/27/94Tamara K. Morgan



# City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

November 3, 1994

Tamara Morgan, P.E.  
Bohannon-Huston, Inc.  
7500 Jefferson Street, NE  
Albuquerque, New Mexico 87109

RE: ENGINEER'S CERTIFICATION FOR RIDGE UNIT 2 PHASE II (B-12/D1C)  
RECEIVED OCTOBER 28, 1994 FOR FINANCIAL GUARANTY RELEASE  
ENGINEER'S STAMP DATED 10/27/94

Dear Ms. Morgan:

Based on the information included in the submittal referenced above, City Hydrology accepts the Engineer's Certification and releases the Financial Guaranty for City Project 3443.91.

If I can be of further assistance, You may contact me at 768-2727.

Sincerely,

John P. Curtin, P.E.  
Civil Engineer/Hydrology

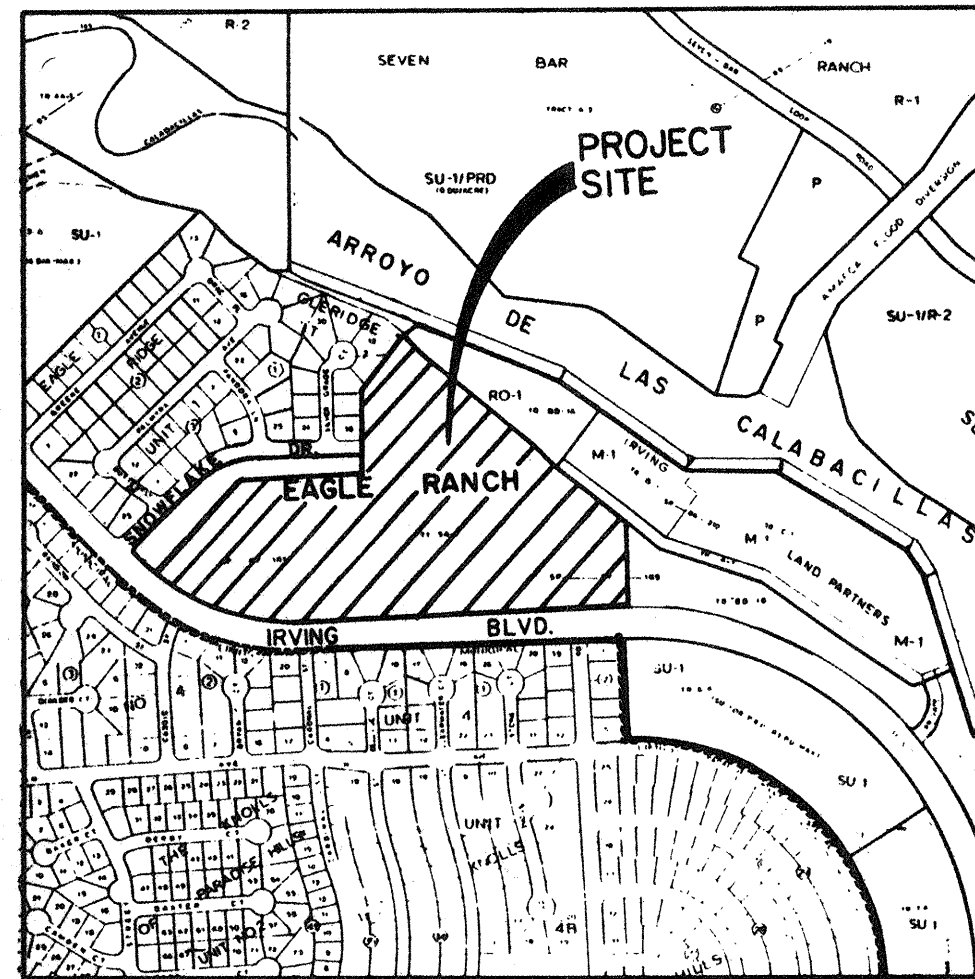
WPHYD/3339/jpc

c: Lynda-Michelle DeVanti, City Project # 3443.91  
Andrew Garcia

*Billy's Certification of Private  
Drainage Improvements is  
included in the Engineer's  
Certification.*

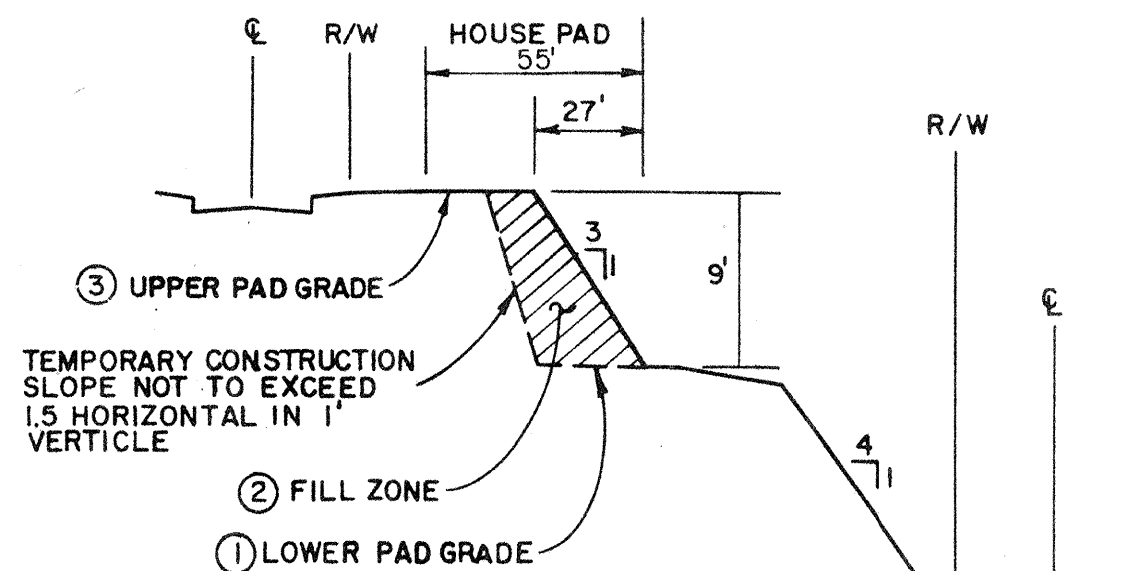
*John P. Curtin*  
*11-18-94*





LOCATION MAP  
ZONE ATLAS MAP NO. B-12, B-13  
NO SCALE

LEGEND	
PROJECT BOUNDARY	---
EXISTING CONTOUR	○
EXISTING SPOT ELEVATION	●
PROPOSED SPOT ELEVATION	○
DIRECTION OF FLOW	→ S-2.564%
BASIN BOUNDARY	---
PROPOSED RETAINING WALL	---
EXISTING STORM DRAIN LINE	SD
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	⊙
PROPOSED STORM DRAIN LINE	SD
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED STORM DRAIN INLET	⊙
FLOW: 10 YEAR EVENT	Q <sub>10</sub> = 5.0 CFS
FLOW: 100 YEAR EVENT	Q <sub>100</sub> = 5.0 CFS
PROPOSED 1.5' TO 2.0' WALL	---



SPLIT PAD CONSTRUCTION DETAIL  
LOTS 57-71

SPLIT PAD GRADING NOTES:

- OVEREXCAVATE TO REQUIRED LOWER PAD GRADE, PREPARE NATURAL SOILS PRIOR TO FILL PLACEMENT AS SPECIFIED IN THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY VINYARD AND ASSOCIATES, DATED JANUARY 28, 1993.
- PLACE AND COMPACT STRUCTURAL FILL WITHIN FILL ZONE AS SPECIFIED IN ABOVE REFERENCED REPORT.
- IF UPPER PAD LIES WITHIN CUT AREA, EXCAVATE UPPER PAD TO REQUIRED PAD GRADE AND THEN PREPARE THE SURFACE OF THE UPPER PAD AREA AS REQUIRED FOR NATURAL SOILS PRIOR TO FILL PLACEMENT. IF UPPER PAD LIES WITHIN FILL AREA, PREPARE NATURAL SOILS AND THEN PLACE AND COMPACT STRUCTURAL FILLS TO FINISHED PAD GRADE AS SPECIFIED IN ABOVE REFERENCED REPORT.

BLANKET DRAINAGE, EASEMENT TO BE VACATED WITH THE FILING OF THIS PLAT.

ANALYSIS PT. B

ANALYSIS PT. B

GENERAL NOTES:

- THE CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPAYING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- STEM WALLS MAYBE USED TO REDUCE THE REQUIRED HEIGHTS OF SIDEYARD RETAINING WALLS.
- PADS SHALL NOT VARY FROM A TRUE HORIZONTAL PLANE BY MORE THAN +/- 0.1 FT AT ANY POINT. THIS TRUE PLANE SHALL NOT VARY FROM THE SHOWN PAD ELEVATION BY +/- 0.2 FT, UNLESS PERMITTED BY THE OWNER.
- THIS NOTATION INDICATES THAT IF THE PADS ARE LOCATED IN THE LOT ACCORDING TO THE PLANS, NO GARDEN WALLS OR RETAINING WALLS ARE NEEDED. IF THE PADS ARE LOCATED CLOSER TO THE SETBACK LINE, THEN A GARDEN WALL OR RETAINING WALL MAY BE NECESSARY.
- ALL LOTS DESIGNATED "P-1" SHALL CONFORM TO ITEM #1, INTERMITTENT PARKING CRITERIA. THIS REQUIRES FOUR OFF STREET PARKING SPACES PER LOT FOR HOMES CONTAINING FOUR BEDROOMS OR LESS, WHICH CAN BE PROVIDED BY A TWO-CAR GARAGE WITH DRIVEWAY. HOMES CONTAINING FIVE BEDROOMS WILL REQUIRE THREE-CAR GARAGE.

GRADING CERTIFICATION

I, Tamara K. Morgan, P.E. #10995, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein. Side yard drainage swales were noted during field visit prior to home construction. As-built pad and grade elevations were verified by field survey performed under direction of David C. Clausen, P.L.S. # 6547 on 5/11/94, after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

*Tamara K. Morgan*  
10/21/94

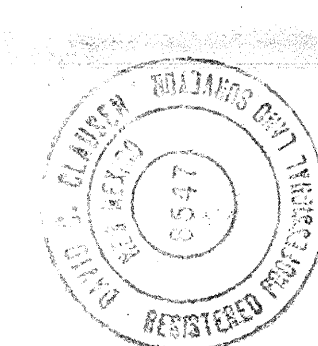
ADDITIONAL R.O.W. ALONG LOT 1 TO BE ACQUIRED BY THE CITY OF ALBUQUERQUE

EXISTING PROPERTY LINE

ADDITIONAL R.O.W. BEHIND LOT 89 TO BE DEDICATED WITH THE FILING OF THIS PLAT

AS-BUILT CERTIFICATION

I, DAVID C. CLAUSEN, NEW MEXICO REGISTERED LAND SURVEYOR NO. 6547, DO HEREBY CERTIFY THAT THE ELEVATIONS SHOWN HEREON ACCURATELY REPRESENT THE AS-BUILT CONDITIONS OF THIS PROJECT AS OBTAINED BY A FIELD SURVEY PERFORMED ON 5-11-1994.



DAVID C. CLAUSEN  
NMLS NO. 6547

APPROVED FOR ROUGH GRADING (± 1')  
*John P. Martin* 6-21-93  
HYDROLOGY ENGINEER DATE



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

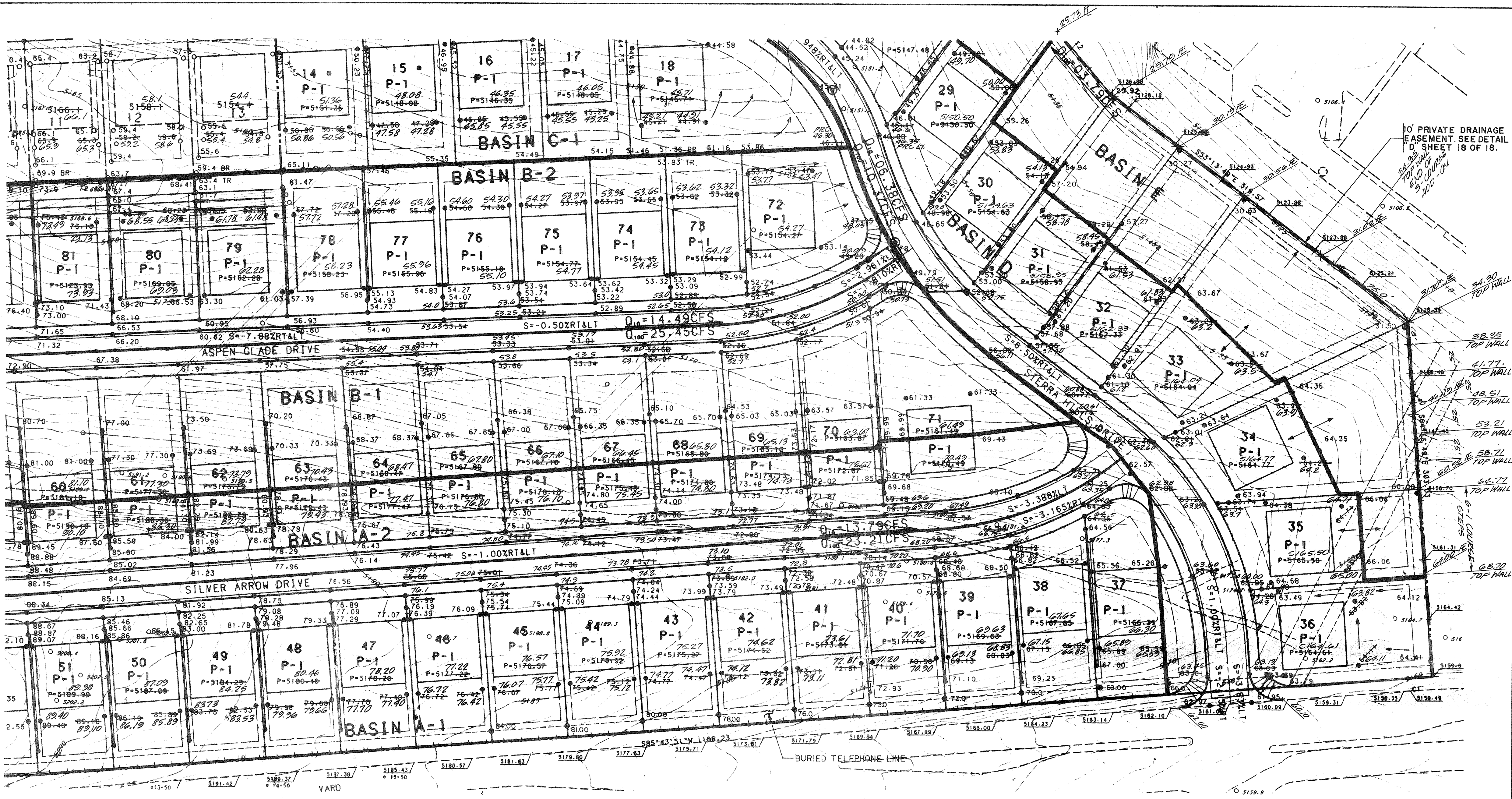
EAGLE RIDGE - PHASE II  
FINAL GRADING / DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>B. G. Smith</i>	12-15-93	WATER	N/A RWK	10-20-93
TRANSPORTATION	<i>John P. Martin</i>	10-20-93	WASTE WATER	N/A RWK	10-20-93
HYDROLOGY	<i>John P. Martin</i>	12-1-93			

DRAWING NO.	3443.91	MAP NO.	B-12, 13	SHEET	3 OF 18
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BH1 JOB NO. 92146.01

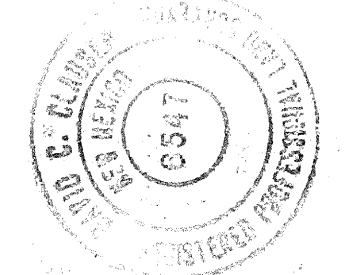




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AS-BUILT CERTIFICATION

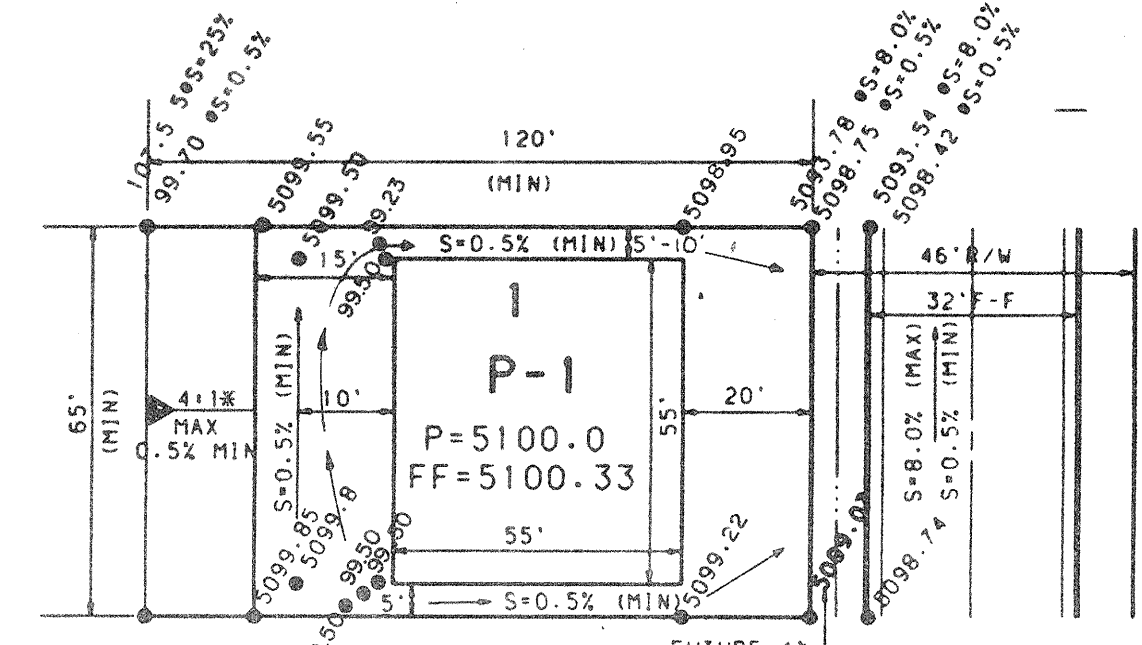
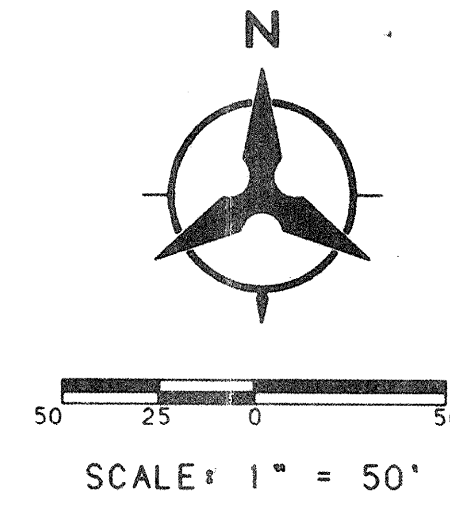
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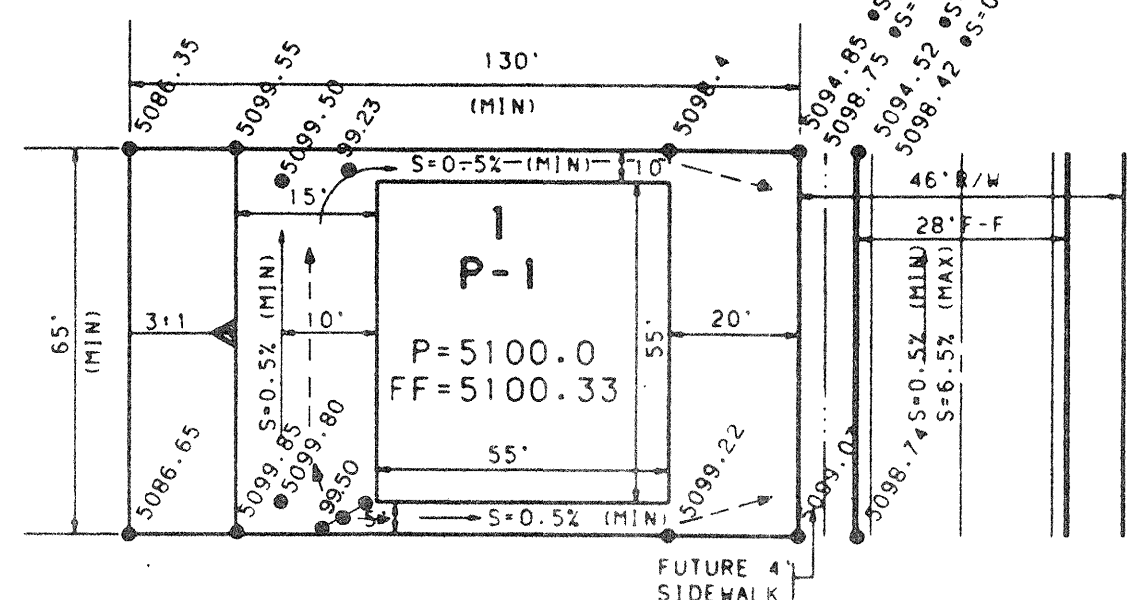
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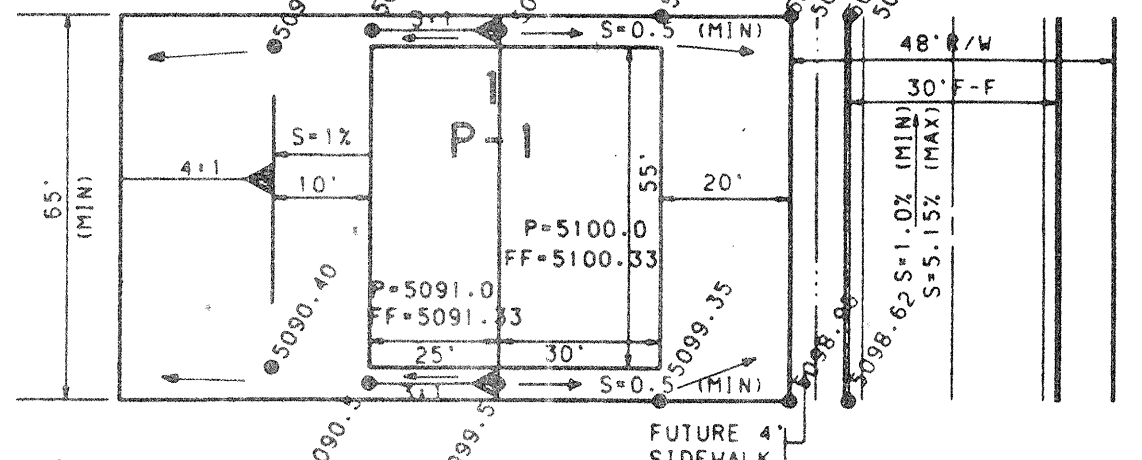


CONCEPTUAL LOT GRADING PLAN I  
FOR LOTS 14-18, 37-56, 72-99  
NO SCALE

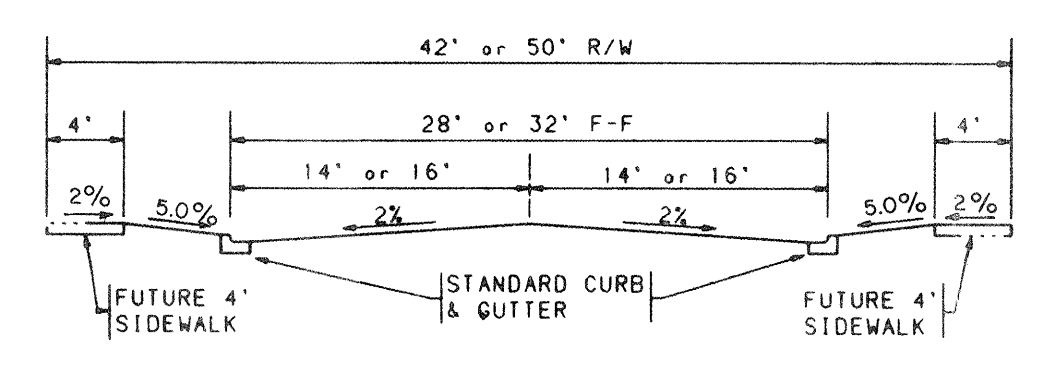
NOTE: 4:1 SLOPE STARTS AT EDGE OF 10' TELEPHONE ALONG BACK OF LOTS 37-56, 89-90 AND SIDEYARD OF LOT 36. DUE TO EXISTING BURIED TELEPHONE LINE, POT HOLE LINE PRIOR TO GRADING.



CONCEPTUAL LOT GRADING PLAN II  
FOR LOTS 22, 23, 26-36  
NO SCALE



CONCEPTUAL LOT GRADING PLAN III  
FOR LOTS 41-43, 46-51, 73-79  
NO SCALE



TYPICAL STREET SECTION A-A  
NO SCALE

APPROVED FOR ROUGH GRADING (± 1')  
Hydrology Engineer  
DATE 6-21-93

APPROVALS			APPROVALS		
ENGINEER	DATE	ENGINEER	DATE	ENGINEER	DATE
DRG CHAIRMAN	6-21-93	WATER	N/A RWK	10-20-93	
TRANSPORTATION	10-20-93	WASTE WATER	N/A RWK	10-20-93	
HYDROLOGY	10-20-93	AMARCA	9-9-93		

DESIGNED BY			CHECKED BY		
TKH	DATE	5/93	TKH	DATE	5/93
DRWN BY	DATE	5/93	TKH	DATE	5/93

REVISIONS		
NO.	DATE	REVISIONS
1	6-21-93	DESIGN

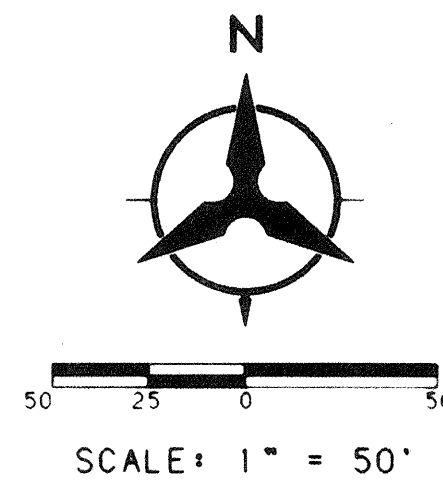
AS BUILT INFORMATION		
CONTRACTOR	DATE	BY
INSPECTOR'S	DATE	BY
VERIFICATION BY	DATE	BY
DATE	DATE	BY
DATE	DATE	BY
DATE	DATE	BY

MICRO-FILM INFORMATION		
RECORDED BY	DATE	NO.
DATE	DATE	NO.

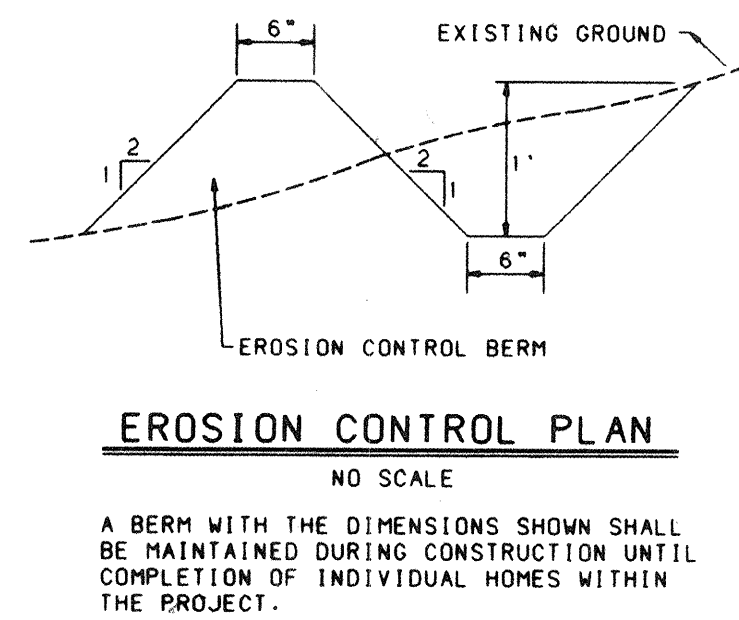
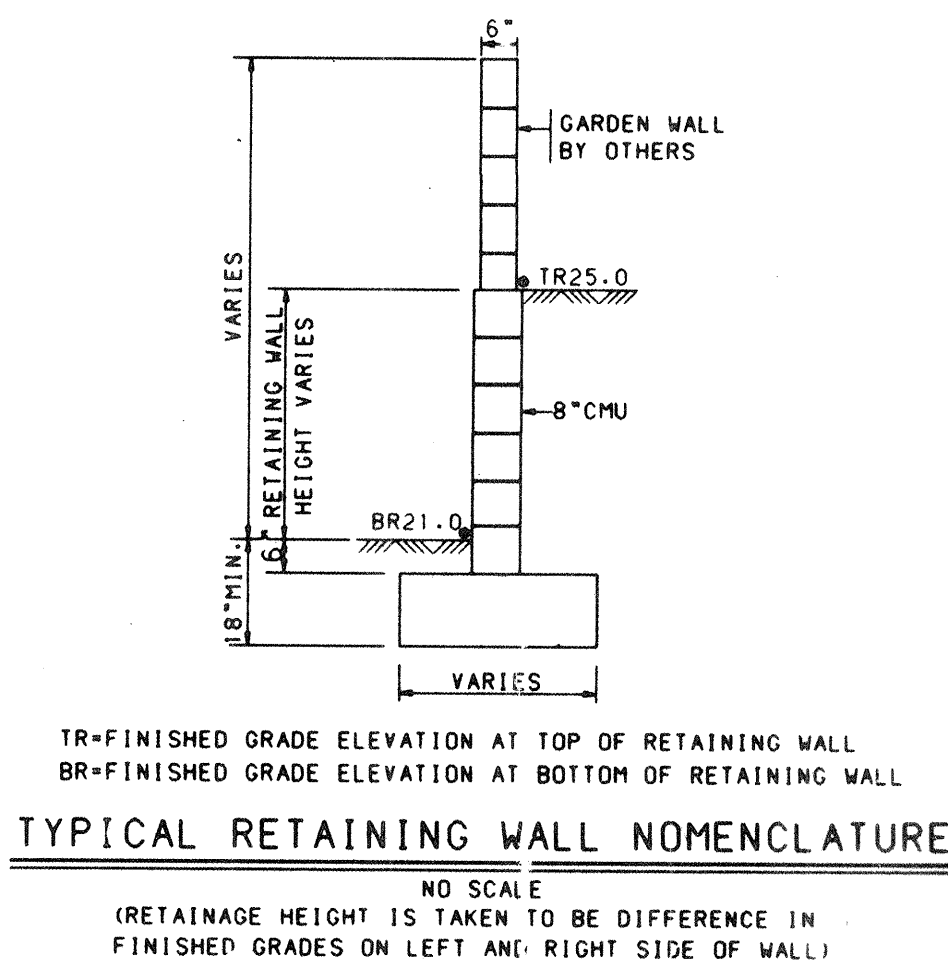
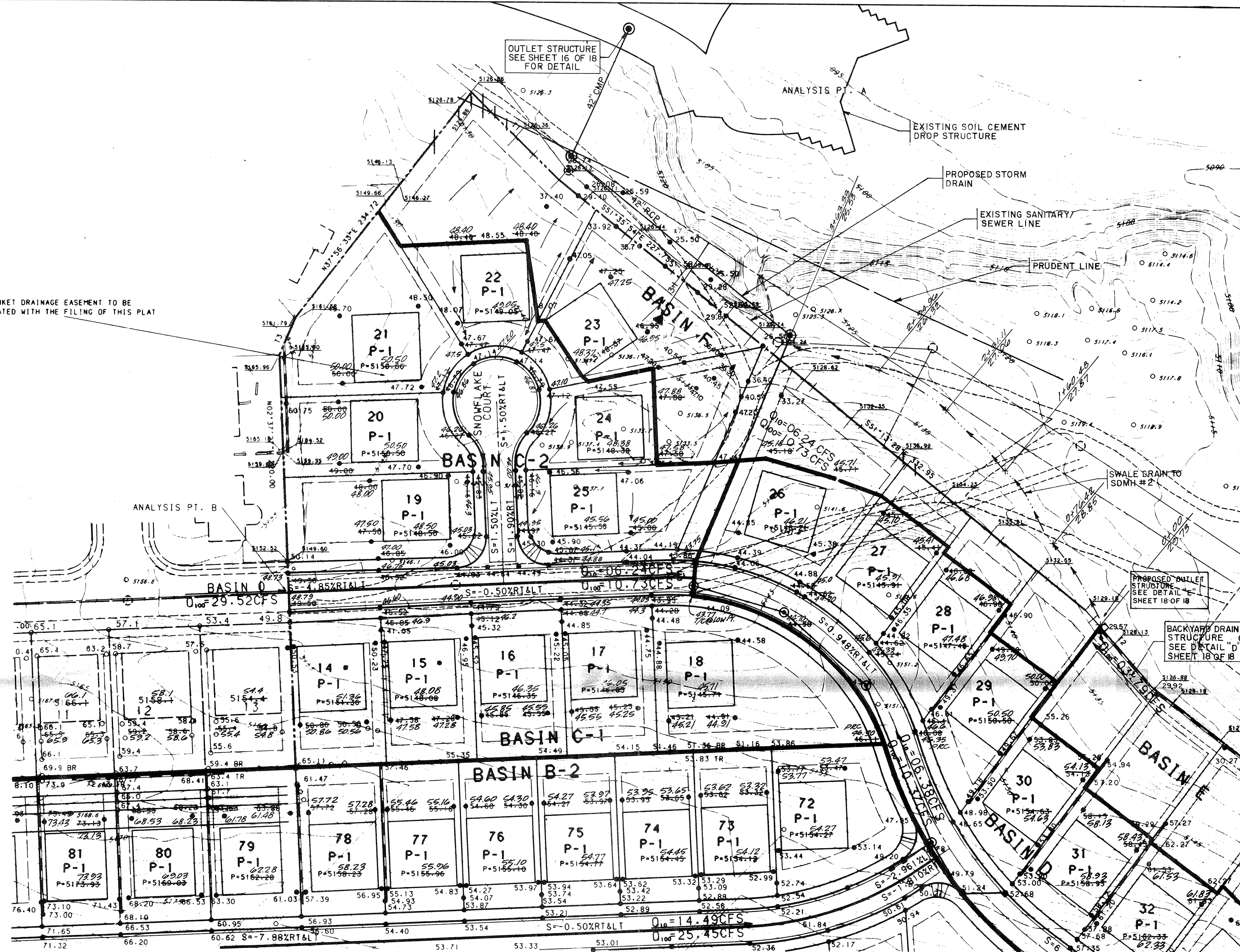
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

EAGLE RIDGE - PHASE II  
FINAL GRADING / DRAINAGE PLAN





BLANKET DRAINAGE EASEMENT TO BE  
VACATED WITH THE FILING OF THIS PLAT



#### GRADING CERTIFICATION

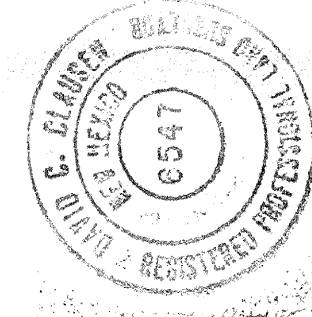
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*David C. Clausen*  
DAVID C. CLAUSEN  
NMLS NO. 6547

APPROVED FOR ROUGH GRADING (± 1')

*John P. Martin* 6-21-93  
HYDROLOGY ENGINEER DATE

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

#### EAGLE RIDGE - PHASE II FINAL GRADING / DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
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TRANSPORTATION	<i>NIA RWK</i>	10-20-93	WASTE WATER	<i>NIA RWK</i>	10-20-93
HYDROLOGY	<i>J. Martin</i>	12-1-93	TAMARA K. MORGAN	<i>T. Morgan</i>	9-9-93
DRAWING NO.	3443.91	MAP NO. B-12, 13	SHEET 5	OF 18	