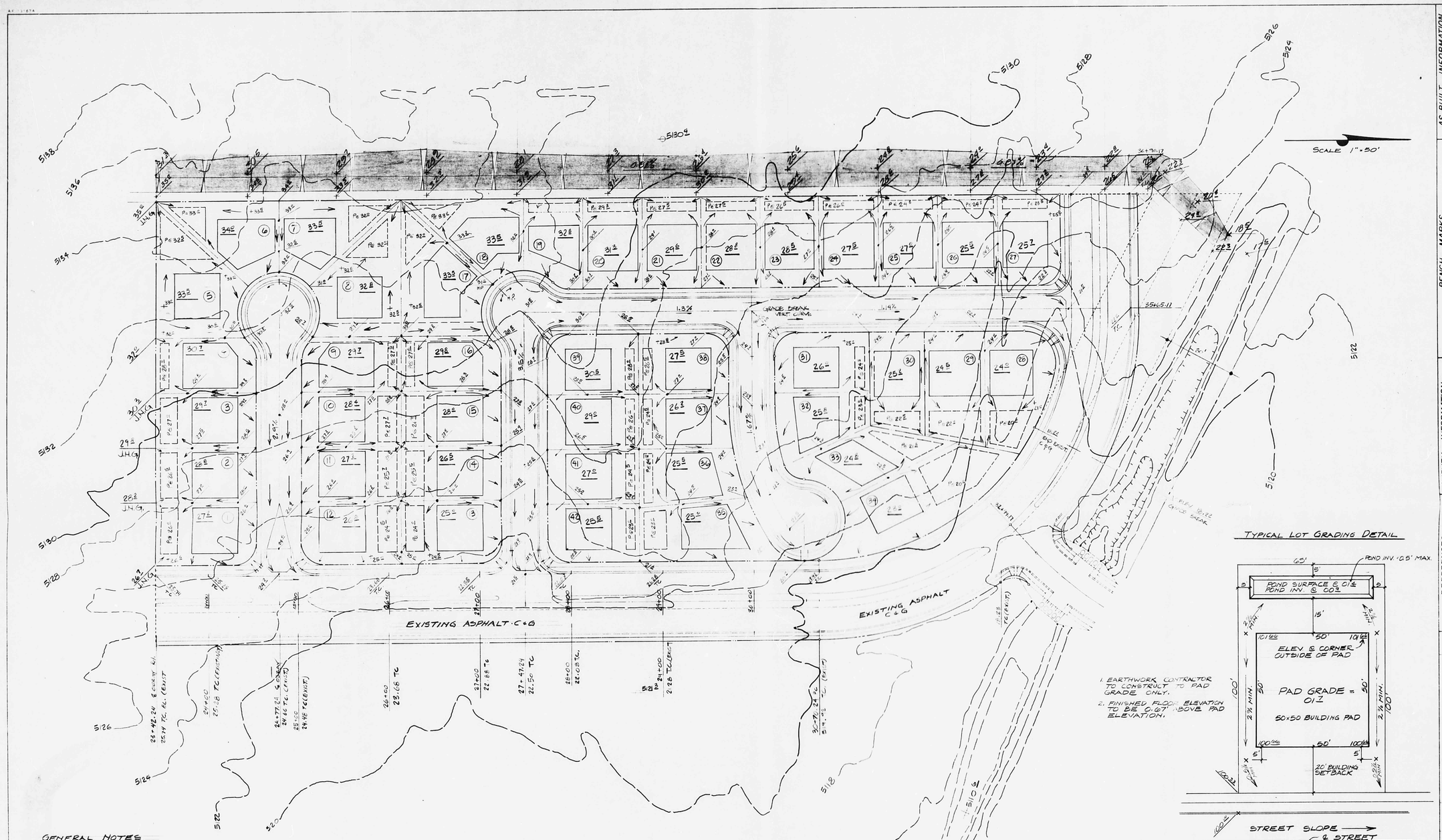
HYDROLOGY

H10/D2
4 PLANS

H10/D2

4 Plans



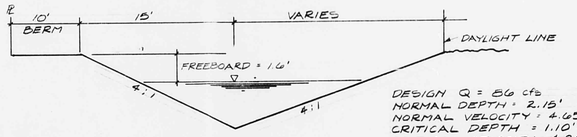
TYPICAL LOT GRADING DETAIL

1. EARTHWORK CONTRACTOR TO CONSTRUCT TO PAD GRADE ONLY.
2. FINISHED FLOOR ELEVATION TO BE 0.67' ABOVE PAD ELEVATION.

GENERAL NOTES

1. ALL GRADING TO BE PER FHA GRADING SPECIFICATIONS DATA SHT 7.1.0 AND SOILS REPORT FOR THIS PROJECT.
2. LOT DIMENSIONS SHOWN ARE ON THIS SHEET ARE SHOWN TO THE NEAREST ONE FOOT (1') ONLY.
3. J.N.G. = NATURAL FINISHED GRADE @ IN EXISTING GROUND.
3A. CONTRACTOR TO NOTIFY ENGINEER IF GRADES @ J.N.G. LOCATION DO NOT AGREE WITH FIELD DETERMINATION PRIOR TO START OF OPERATION.
4. ALL PADS ARE LEVEL UNLESS ELEV. SHOWN IN CORNERS.
5. IF SUBDIVISION IS FHA APPROVED PROVIDE 5' HIGH SOLID WALL AROUND PERIMETER.
6. DO NOT SET TOP OF CURB. GRADE FROM THIS SHEET. GRADE INFORMATION ONLY.
7. PADS ARE SCALED 50' DEEP X 50' WIDE AND IRREGULAR AS SHOWN. FINISHED FLOOR TO BE A MIN. OF 8" (0.67') ABOVE PAD GRADE SHOWN.

DIVERSION CHANNEL DETAIL



DESIGN Q = 86 cfs
NORMAL DEPTH = 2.15'
NORMAL VELOCITY = 4.65 fps
CRITICAL DEPTH = 1.10'
CRITICAL VELOCITY = 4.85 fps
FROUDE No. = 0.28

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

AS BUILT INFORMATION	
CONTRACTOR	
R.I.M.	
PROJECT NO.	
INSPECTORS	DATE
FIELD CHANGE BY	
FIELD CHANGE	DATE
VERIFICATION BY	
FIELD CHANGE	DATE
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

REFERENCES	
MAP NO.	W.O. NO.
EST. NO.	

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		DATE
DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

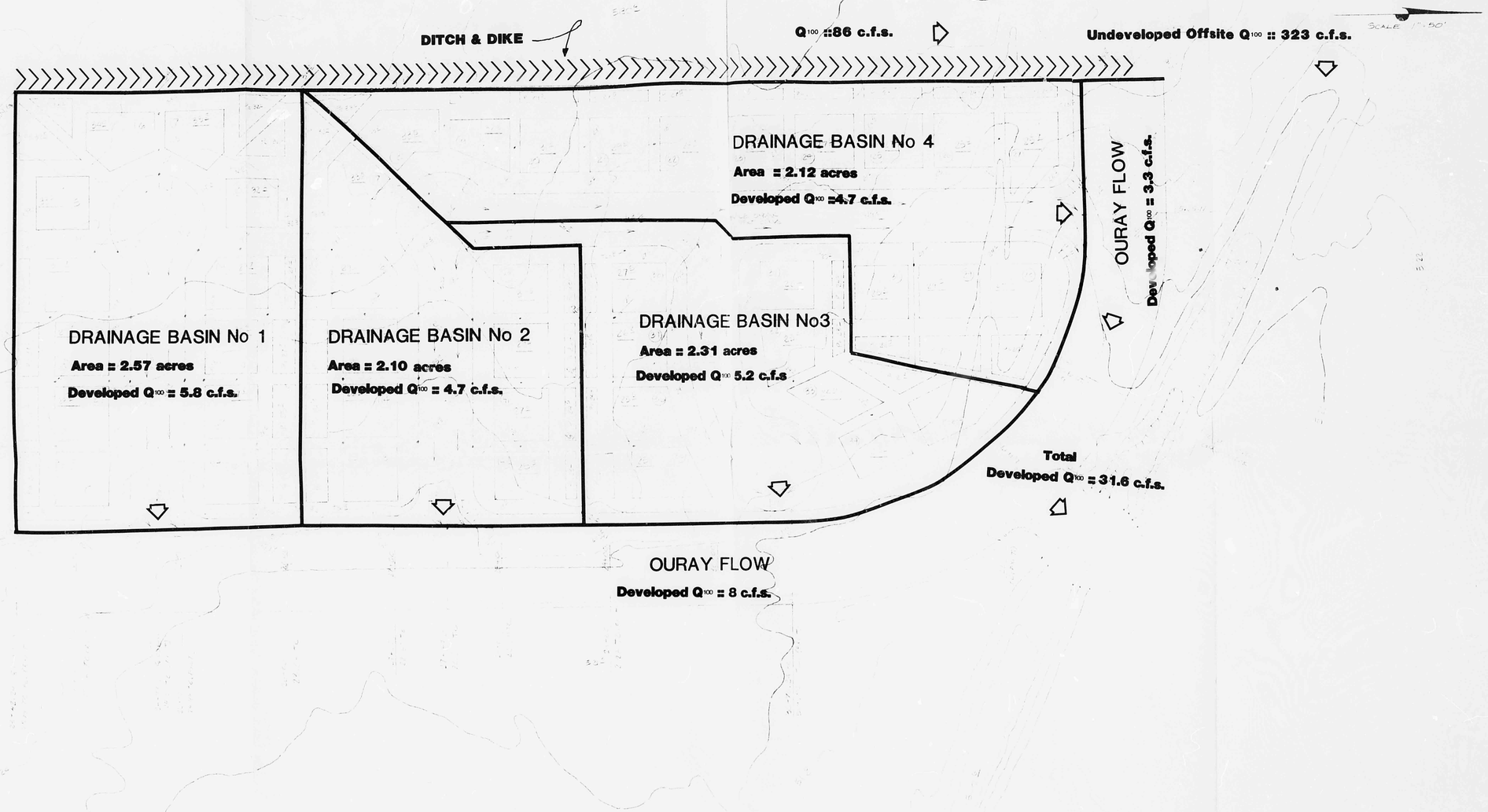
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: **El Rancho Atrisco – Unit 8**
Grading Plan

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

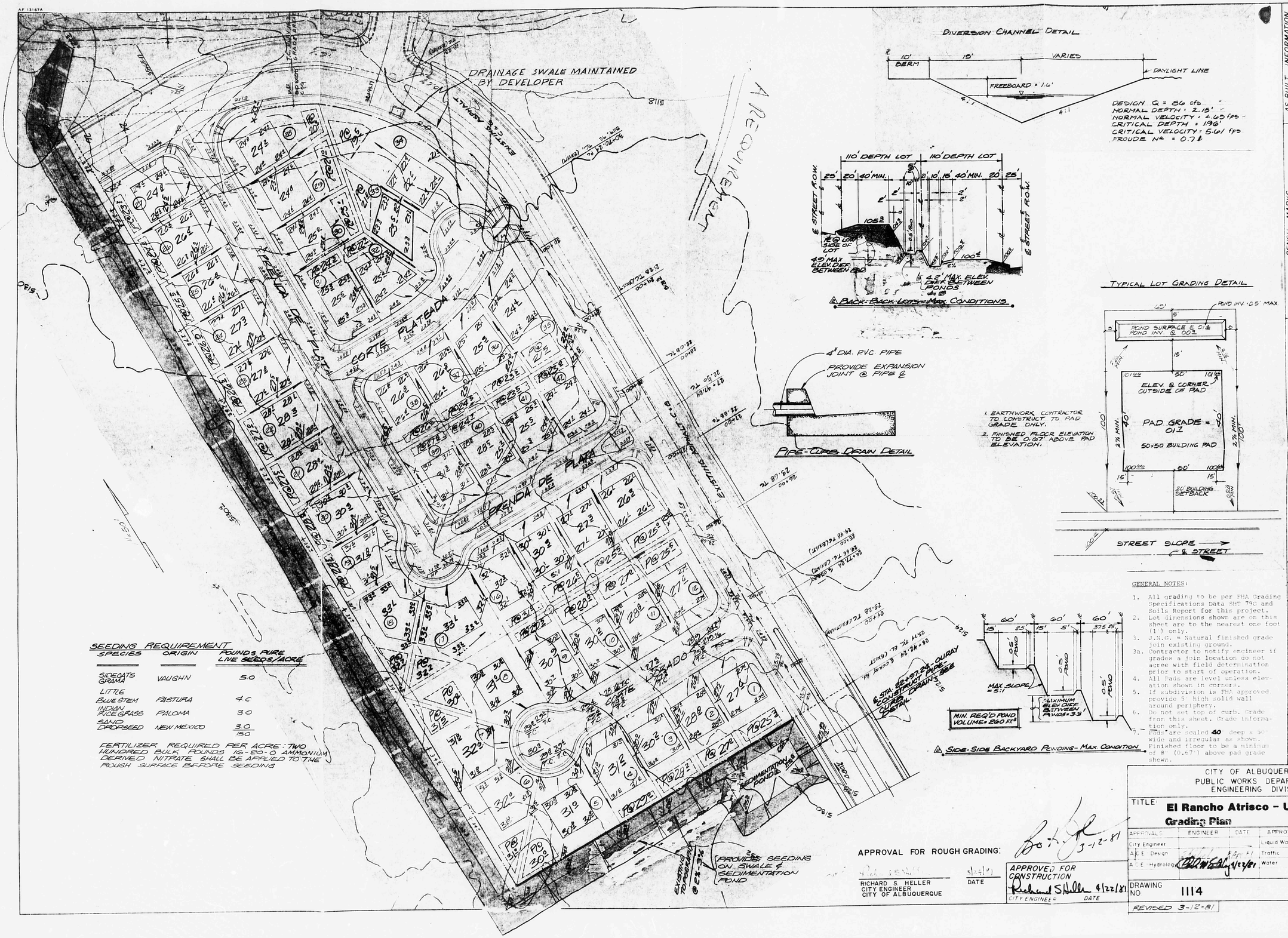
DRAWING NO. SHEET 3 OF 11

RECEIVED
NOV 21 1980
CITY ENGINEER



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: **El Rancho Atrisco - Unit 8**
Drainage Sheet



SEEDING REQUIREMENT

SPECIES	ORIGIN	POUNDS PURE LIVE SEEDS/ACRE
SIDEOATS GRAMA	VAUGHN	5.0
LITTLE BLUESTEM	PASTURA	4.0
INDIAN RICEGRASS	PALOMA	3.0
SAND DROPSEED	NEW MEXICO	3.0
		15.0

FERTILIZER REQUIRED PER ACRE: TWO HUNDRED BULK POUNDS 16-20-0 AMMONIUM DERIVED NITRATE SHALL BE APPLIED TO THE ROUGH SURFACE BEFORE SEEDING

GENERAL NOTES:

1. All grading to be per FHA Grading Specifications Data SHT 79C and Soils Report for this project.
2. Lot dimensions shown are on this sheet are to the nearest one foot (1') only.
3. J.N.G. = Natural finished grade join existing ground.
3a. Contractor to notify engineer if grades & join location do not agree with field determination prior to start of operation.
4. All Pads are level unless elevation shown in corners.
5. If subdivision is FHA approved provide 5' high solid wall around periphery.
6. Do not set top of curb. Grade information only.
7. Pads are scaled 40' deep x 50' wide and irregular as shown. Finished floor to be a minimum of 8" (0.67') above pad grade shown.

APPROVAL FOR ROUGH GRADING:

RICHARD S. HELLER
CITY ENGINEER
CITY OF ALBUQUERQUE

DATE

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

AS BUILT INFORMATION	
CONTRACTOR	
STAKED BY	DATE
INSPECTOR	
CHANGE BY	DATE
FIELD	
CHANGE BY	DATE
LENGTHS ON B1	
CHANGED BY	DATE
CORRECTED BY	
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS
BM# 140-17 Elev. 5128.278 Brass Tablet North and East Top End of Ladera Dam No. 14
NGS '75-G-10' Elev. 5111.979 Brass Tablet at South east corner El Sancho Arriscco, Unit 2.

SURVEY INFORMATION		
FIELD NOTES	BY	DATE
NO.		

REFERENCES	
MAP NO.	W.O. NO.
EST NO.	

REMARKS		
REVISIONS		
NO.	DATE	BY
1	9-28-81	GRADING DETAILS & SEDIMENTATION BASIN A4
2		

DESIGN	
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: **El Rancho Atrisco - Unit 8**
Grading Plan

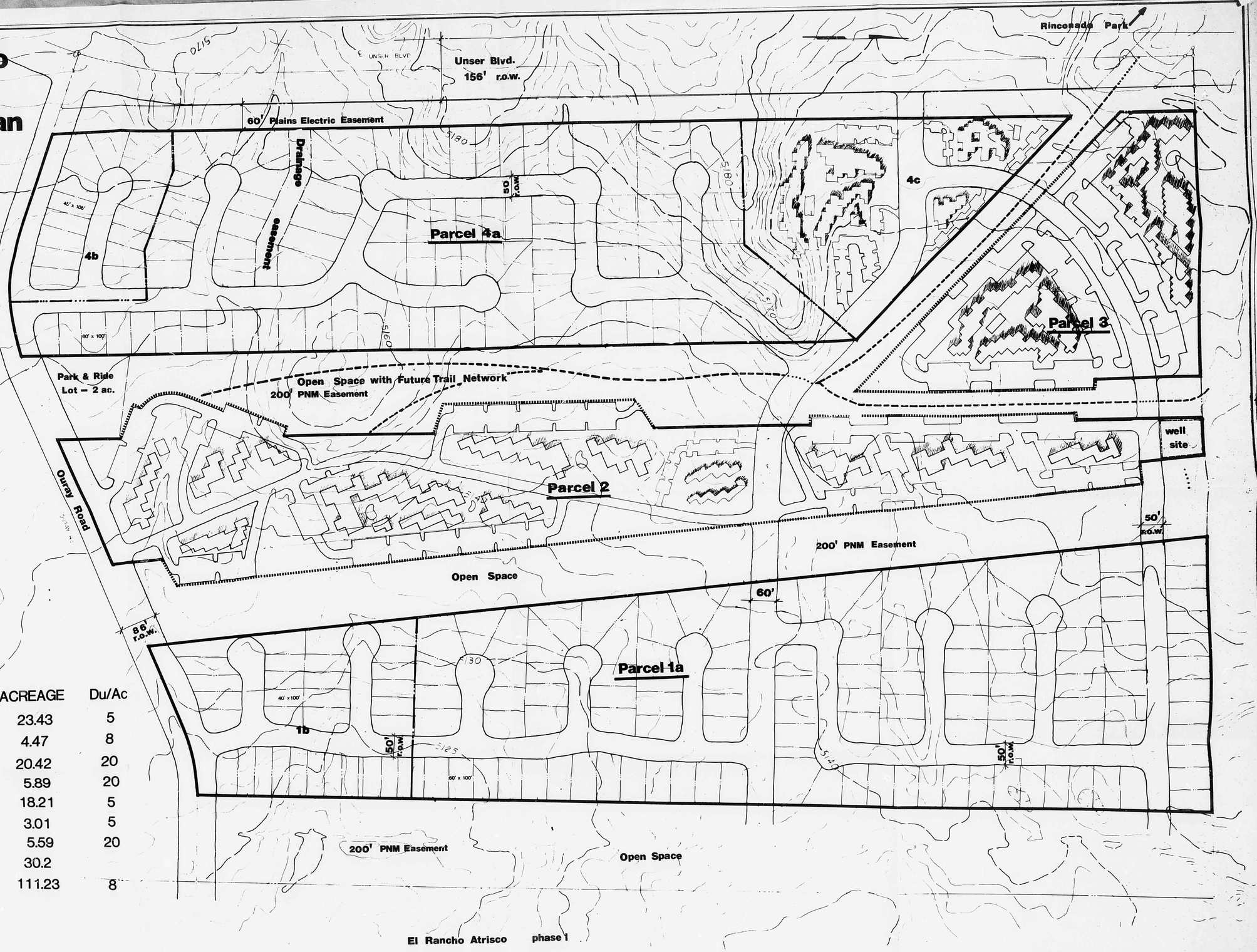
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. Design			Traffic		
A.C.E. Hydrology		1/22/81	Water		

DRAWING NO 1114 SHEET 3 OF 13

REVISED 3-12-81

El Rancho Atrisco Phase II Development plan

SCALE: 1" = 100'



PARCEL	USE	UNITS	ACREAGE	Du/Ac
1a	SINGLE FAMILY	116	23.43	5
1b	Town house	34	4.47	8
2	Apartments	408	20.42	20
3	Apartments	117	5.89	20
4a	Singlefamily	87	18.21	5
4b	Townhouse	16	3.01	5
4c	Apartments	110	5.59	20
OPEN SPACE			30.2	
TOTAL		888	111.23	8

Prepared by
Trinity Enterprises Inc.
Civil Engineers – Land Planners – Developers
3107 Eubank N.E. Suite 3
Albuquerque, New Mexico 87111
505-292-7666

REVISED 11-6-80