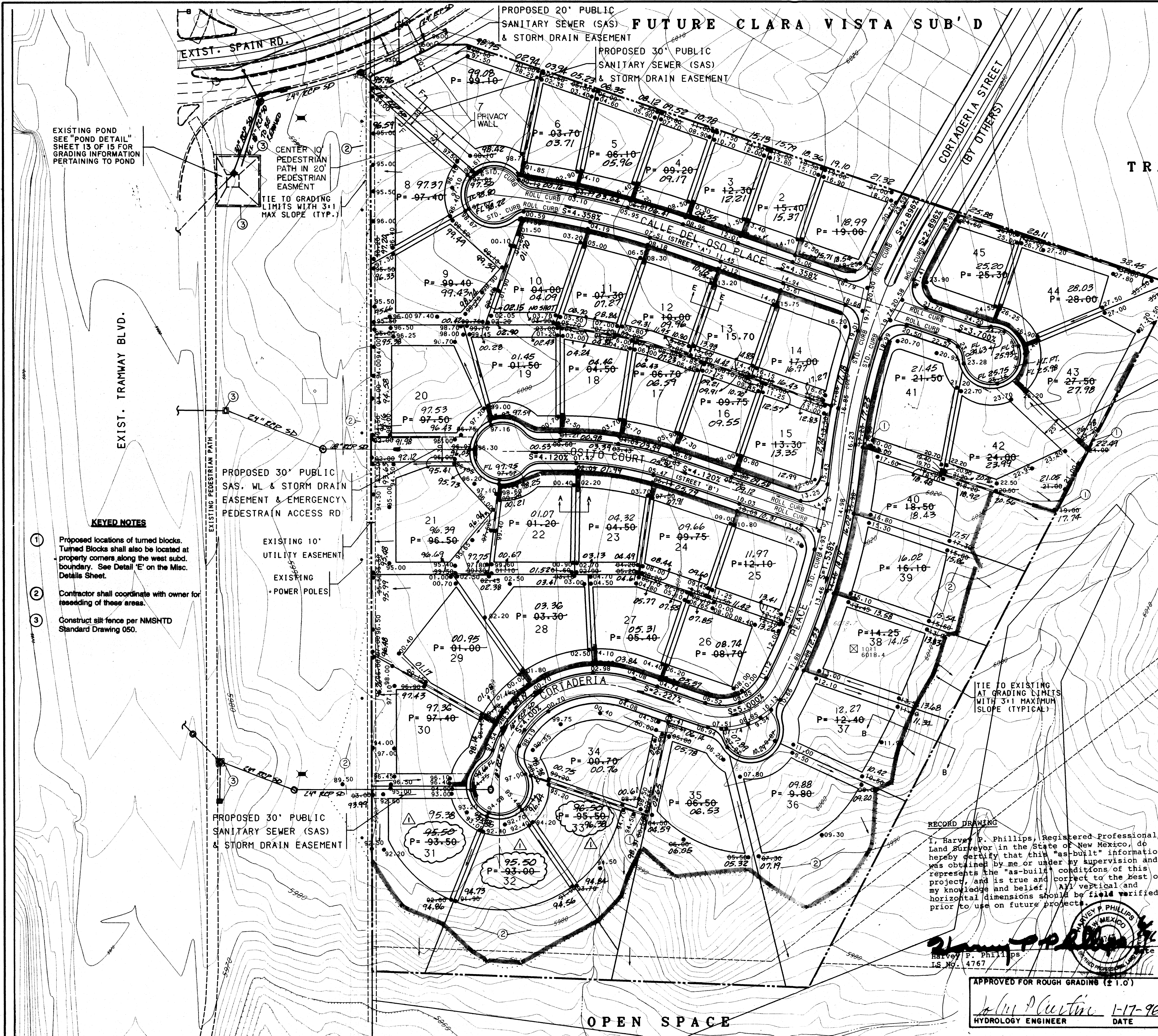




NOTE: CONTRACTOR SHALL USE STRIPPINGS IN NON-STRUCTURAL FILL AREAS.

NOTE: LOTS 31 THROUGH 40 AND 42 SHALL UTILIZE WATER HARVESTING TECHNIQUES AT ROOF DRAIN LOCATIONS IN ORDER TO MINIMIZE THE IMPACT OF CONCENTRATED FLOWS.

DRAINAGE CERTIFICATION

AS-BUILT ELEVATIONS ARE SHOWN ON THE PLAN IN LOCATIONS WHERE THE ORIGINAL DESIGN ELEVATION HAS BEEN CROSSED OUT AND THE NEW ELEVATION LISTED. ELEVATIONS WERE PROVIDED BY BOHANNAN-HUSTON, INC.

NOTE: I, MICHAEL M. EMERY, OF BOHANNAN-HUSTON, INC., A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE EXISTING AND PROPOSED DRAINAGE CONDITIONS OF THIS SITE ARE IN SUBSTANTIAL COMPLIANCE WITH PREVIOUSLY APPROVED PLANS TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MICHAEL M. EMERY, P.E.
N.M.P.E. No. 5194
DATE: 8/2/96

STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
MICHAEL M. EMERY
No. 5194

LEGEND

EXISTING SPOT ELEVATION: ○

TRACT BOUNDARY: ———

PROPOSED RETAINING WALL: ———

EXISTING INDEX CONTOUR: ———

EXISTING INTERMEDIATE CONTOUR: ———

PROPOSED SPOT ELEVATION: ●

EXISTING EASEMENT: ———

GRADING LIMITS: ———

PROPOSED DIRECTION OF FLOW: ———

PROPOSED EROSION CONTROL BERM: ———

NOTE: ALL SPOTS SHOWN ADJACENT TO SIDE LOT LINES ARE AT THE SWALE INVERT (NOT TW/BW SPOTS)

NOTE: ALL SPOTS AT FACE OF CURB ARE FLOWLINE SPOTS UNLESS OTHERWISE NOTED

NOTE: SEE MISC. DETAILS SHEET FOR DETAILS AND SECTIONS PERTAINING TO THIS SHEET

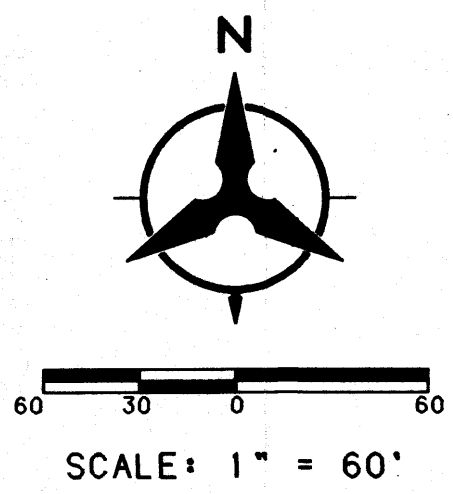
RECORD DRAWING

I, Harvey P. Phillips, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Harvey P. Phillips
L.S. No. 4767

APPROVED FOR ROUGH GRADING (±1.0')

Hydrology Engineer: [Signature]
DATE: 1-17-96



BOHANNAN-HUSTON, INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

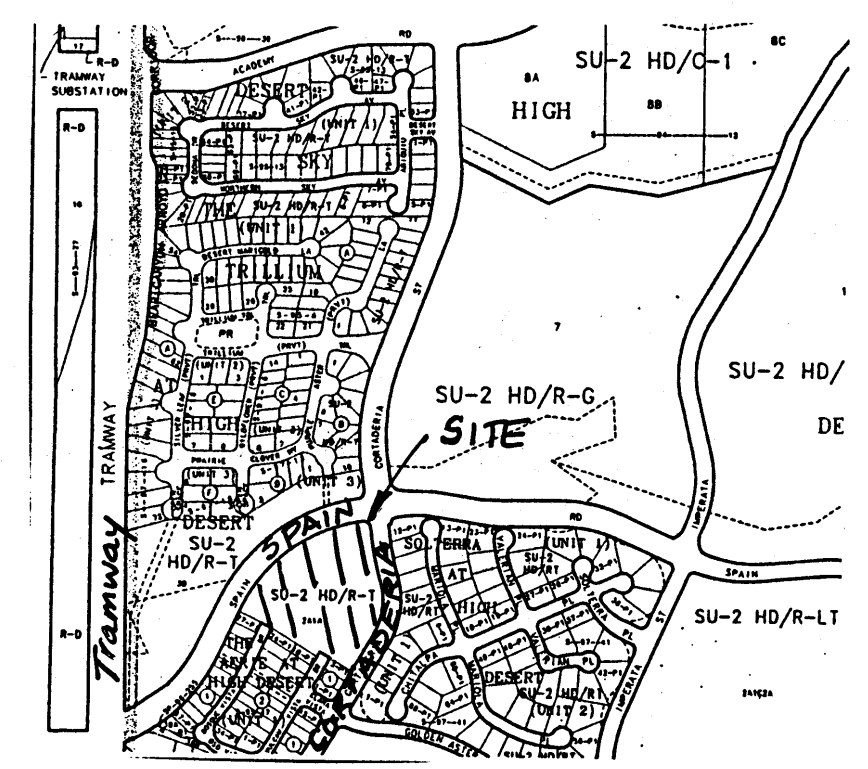
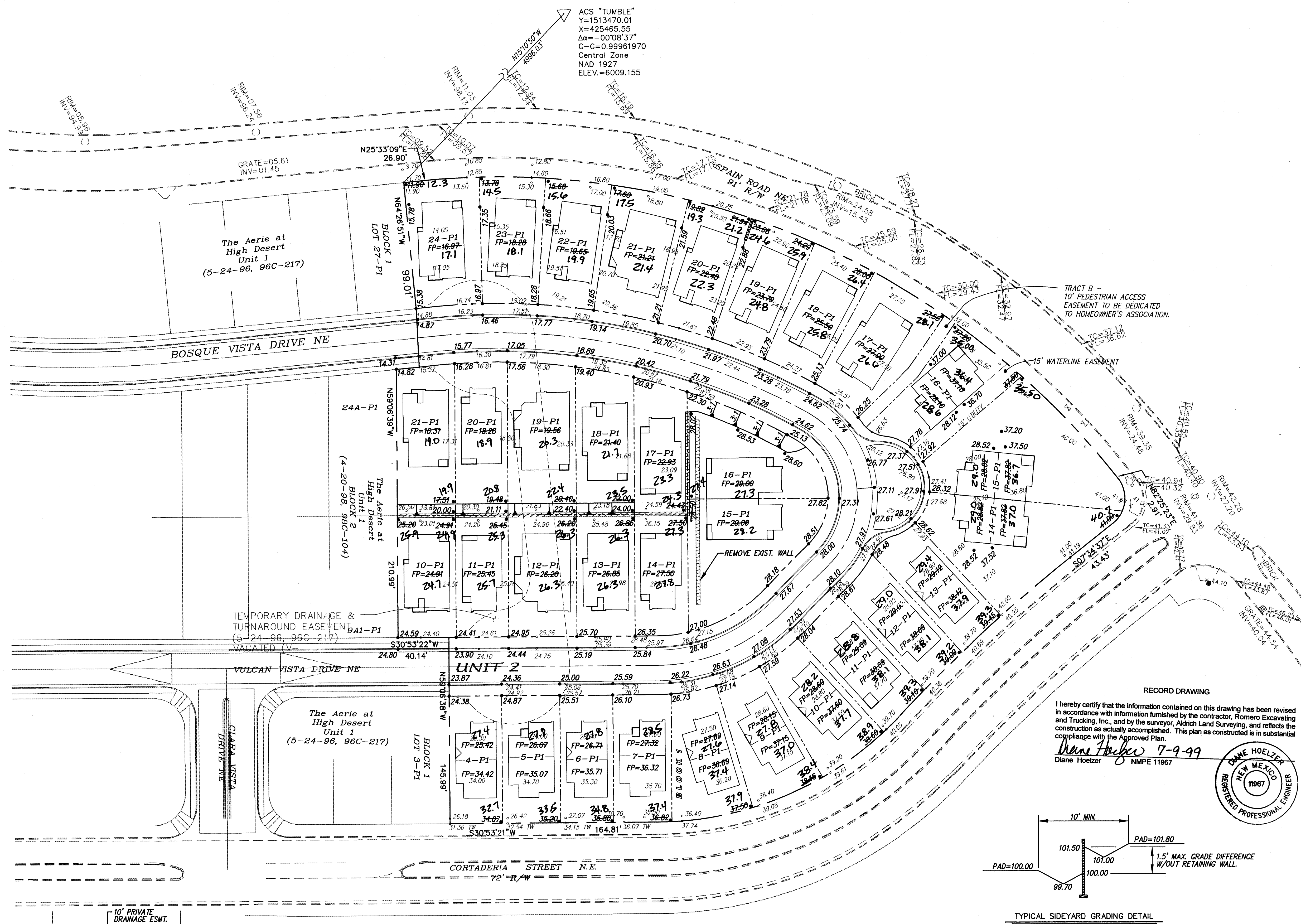
HIGH DESERT-TRACT 2A-1B-1
FINAL GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
ORC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY			TRAF. OPER.		

DRAWING NO. 5330.90 MAP NO. E-23, F23 SHEET 3 OF 15

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Cert.



VICINITY MAP ZONE ATLAS MAP: E-23
LEGAL DESCRIPTION SCALE: NONE

TRACT 2a-1a-2, HIGH DESERT

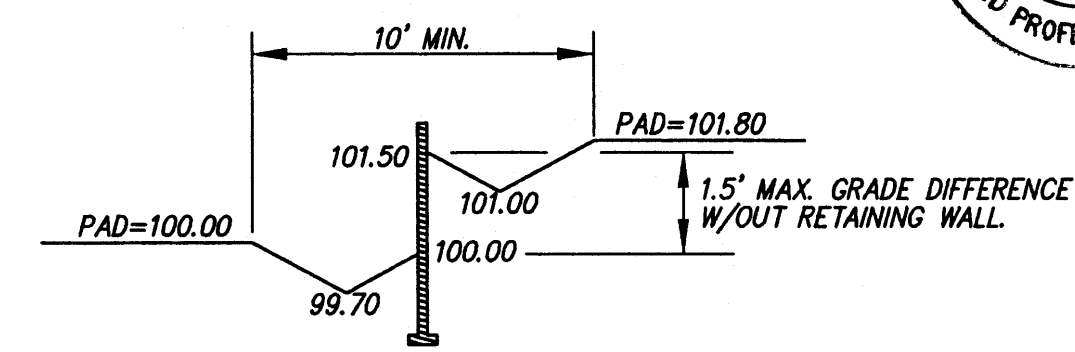
- NOTES
1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
 2. CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION SHALL GOVERN ALL WORK.
 3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 4. 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 DTL. THIS SHT. AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
 5. LOTS 20-24, BLOCK 1 WILL HAVE REAR YARD PONDS AS PREVIOUSLY APPROVED WITH CLARA VISTA DRAINAGE REPORT FILE E23D3G.

- LEGEND
- NEW RETAINING WALL-DESIGN BY OTHERS
 - 21.01 TW TOP OF WALL
 - 18.31 BW BOTTOM OF WALL
 - FP= 30.38 FINISHED PAD ELEVATION
 - MOUNTABLE CURB & GUTTER
 - STANDARD 8" CURB & GUTTER
 - 28.53+ PROPOSED SPOT ELEVATION
 - 3:1 OR 4:1 SLOPE
 - TRACT/LOT BOUNDARY
 - RIGHT OF WAY
 - EASEMENTS
 - CENTERLINE OF ROAD
 - EXISTING CONTOUR
 - EXISTING TOP OF CURB
 - EXISTING FLOWLINE
 - EXISTING SPOT ELEVATION
 - EXISTING RETAINING WALL
- 29.12 29.25 AS BUILT ELEVATION

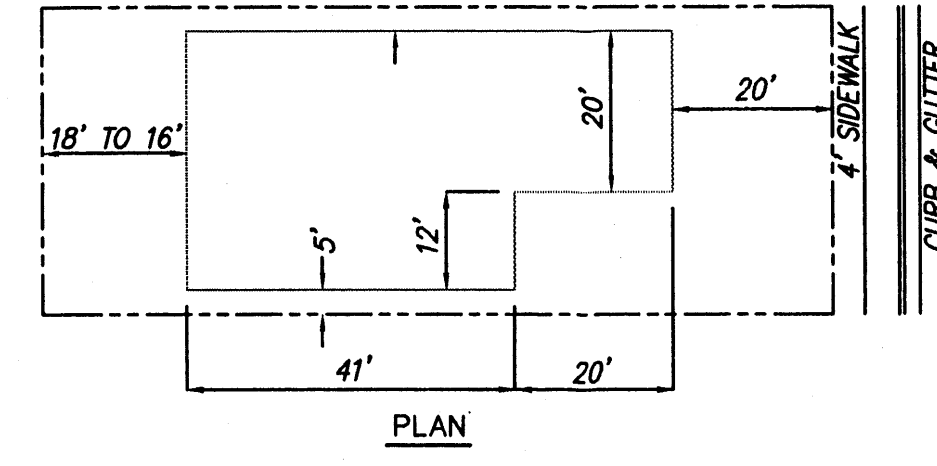
I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Romero Excavating and Trucking, Inc., and by the surveyor, Aldrich Land Surveying, and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

Diane Hoeltzer 7-9-99
Diane Hoeltzer NMPE 11967

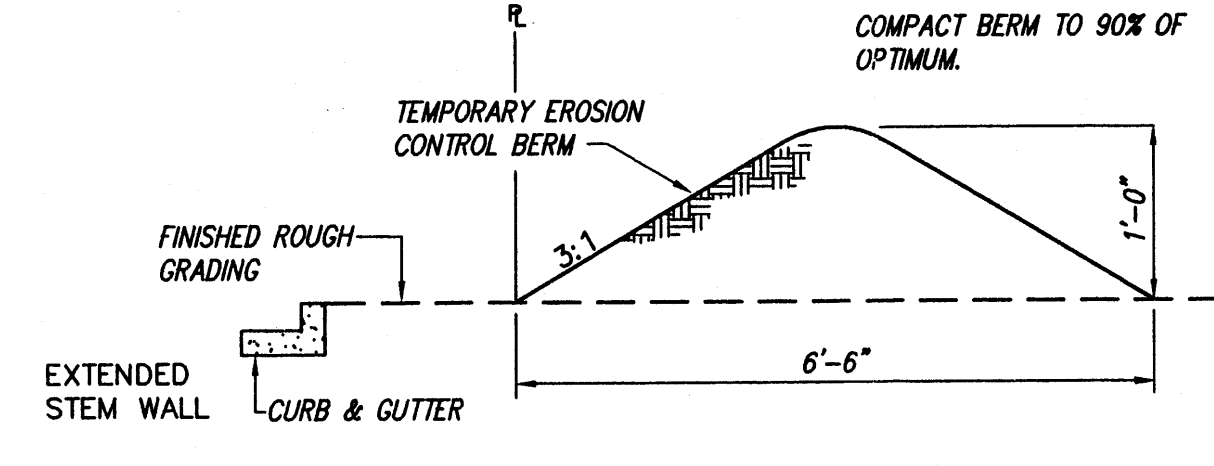
DAVID HOELTZER
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
11967



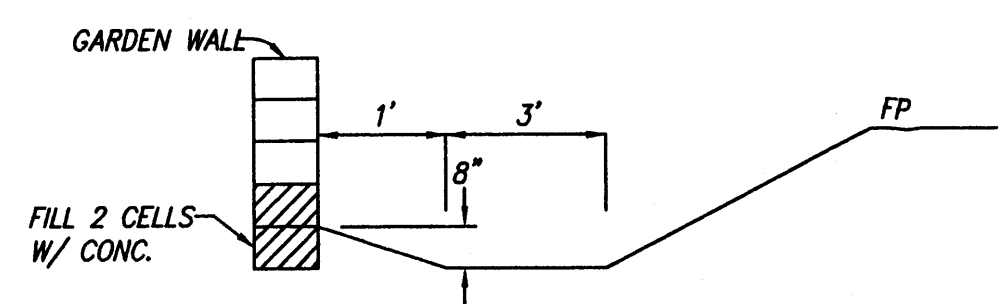
TYPICAL SIDEYARD GRADING DETAIL
N.T.S.



TYPICAL LOT LAYOUT
N.T.S.

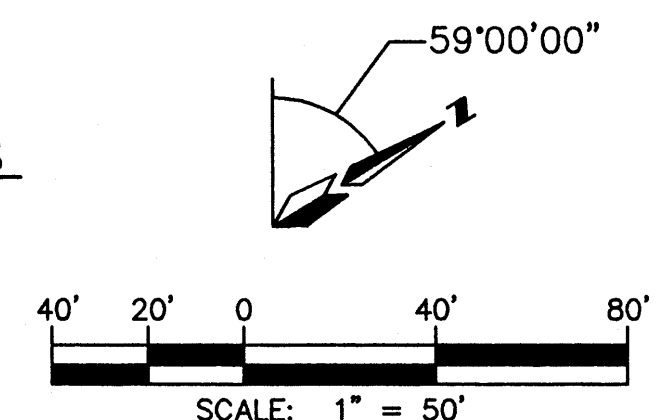


EROSION CONTROL BERM DETAIL
N.T.S.



REAR YARD POND DETAIL
N.T.S.

HYDROLOGY APPROVAL
DATE 7-9-98



MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
**THE AERIE - UNIT 2
GRADING & DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
JUL 08 1999			
HYDROLOGY SECTION			

CITY PROJECT NO. 536491 ZONE MAP NO. E-23 SHEET 4 OF 10

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		CHECKED BY	
CONTRACTOR	DATE	CONTRACTOR	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
WORK	DATE	WORK	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
STANDARD	DATE	STANDARD	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
ACCEPTANCE	DATE	ACCEPTANCE	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
FIELD	DATE	FIELD	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
CONTROL	DATE	CONTROL	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
DRAWINGS	DATE	DRAWINGS	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
CORRECTED BY	DATE	CORRECTED BY	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
MICRO-FILM INFORMATION	DATE	MICRO-FILM INFORMATION	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
RECORDED BY	DATE	RECORDED BY	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE
NO.	DATE	NO.	DATE	NO.	BY	DATE	BY	NO.	DATE	DATE	DATE	DATE	DATE