

# PETROGLYPH GOLF CLUB

## SITE PLAN FOR SUB'DIVISION

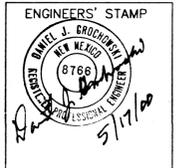
Prepared for: Westland Development Company  
Mesa Golf, Inc.

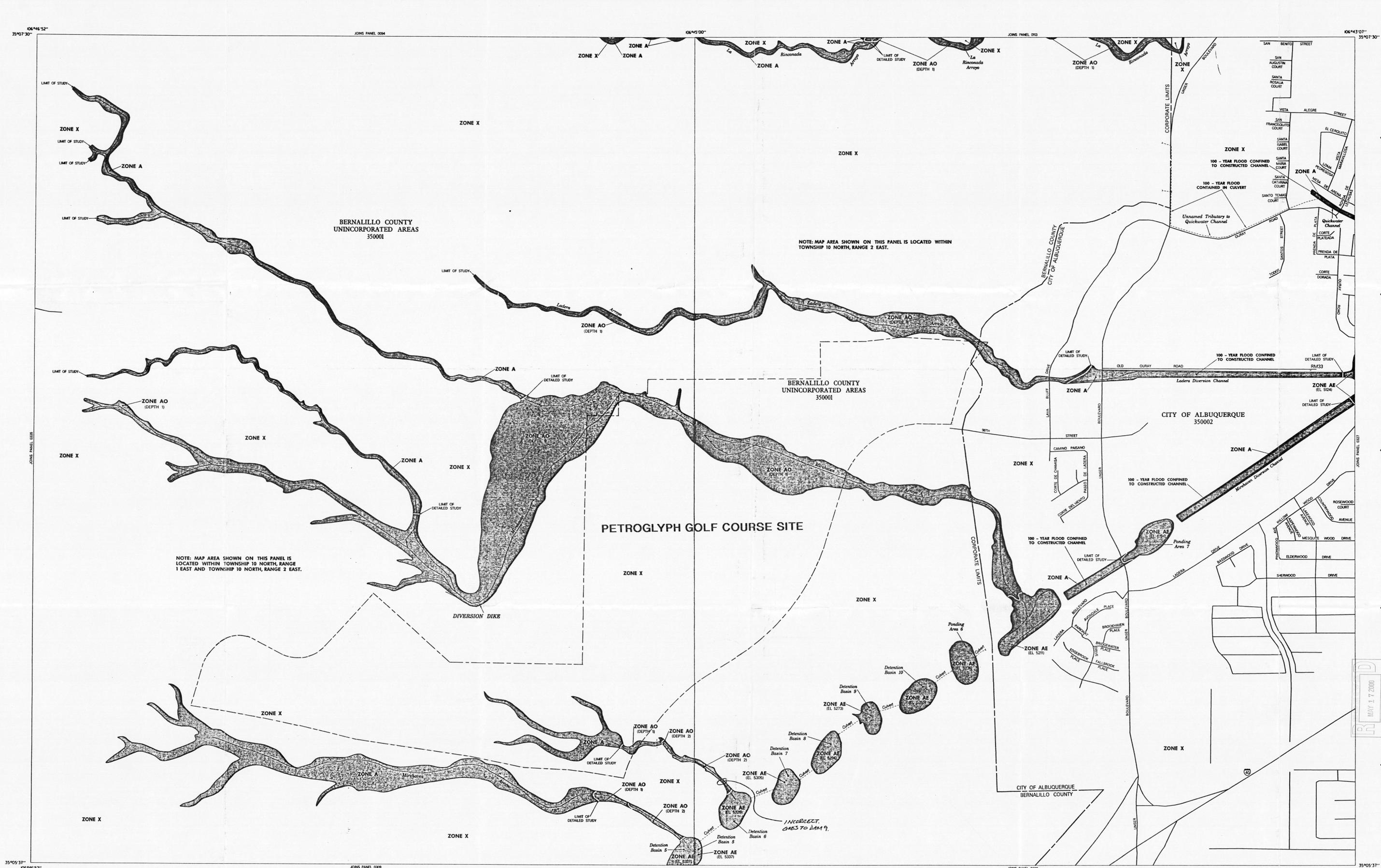
Prepared by: Arthur Schaupter Golf Course Architect  
Consensus Planning, Inc.  
Bohannon-Huston, Inc.

Conceptual Drainage Plan

# CONCEPTUAL DRAINAGE PLAN

Bohannon-Huston  
 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
 ENGINEERS PLANNERS PHOTOGRAPHERS SURVEYORS SOFTWARE DEVELOPERS





### LEGEND

**SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD**

- ZONE A** No base flood elevations determined.
- ZONE AE** Base flood elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AD** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain; average depths determined); for areas of actual fast flooding, velocities also determined.
- ZONE A99** To be protected from 100-year flood by Federal flood protection system under construction; no base elevations determined.
- ZONE V** Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE** Coastal flood with velocity hazard (wave action); base flood elevations determined.

**FLOODWAY AREAS IN ZONE AE**

- OTHER FLOOD AREAS**
- ZONE X** Areas of 500-year flood areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.
- OTHER AREAS**
- ZONE D** Areas determined to be outside 500-year floodplain.
- ZONE U** Areas in which flood hazards are undetermined.

**UNDEVELOPED COASTAL BARRIERS**

- Identified 1980
- Identified 1990
- Otherwise Protected Areas

**BOUNDARIES**

- Flood Boundary
- Floodway Boundary
- Zone D Boundary
- Boundary Dividing Special Flood Hazard Zones and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones.

**ELEVATIONS**

- Base Flood Elevation Line: Elevation in Feet. See Map Index for Elevation Datum.
- Cross Section Line: Base Flood Elevation in Feet Where Uniform Within Zone. See Map Index for Elevation Datum.
- Elevation Reference Mark: M2
- River Mile: M2

Horizontal Coordinates Based on North American Datum of 1927 (NAD 27) Projection.

### NOTES

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size or all parametric features outside Special Flood Hazard Areas.

Coastal base flood elevations apply only seaward of 0.0 NGVD and include the effects of wave action; these elevations may differ significantly from those developed by the National Weather Service for hurricane evacuation planning.

Areas of Special Flood Hazard (100-year flood) include Zones A, AE, AH, AO, A99, V, and VE.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the Federal Emergency Management Agency.

Floodway widths in some areas may be too narrow to show to scale. Floodway widths are provided in the Flood Insurance Study Report.

This map may incorporate appropriate boundaries of Coastal Barrier Response System Units and/or Otherwise Protected Areas established under the Coastal Barrier Improvement Act of 1990 (PL 101-508).

Corporate limits shown are current as of the date of this map. The user should contact appropriate community officials to determine if corporate limits have changed subsequent to the issuance of this map.

For community map revision history prior to countywide mapping, see Section 6.0 of the Flood Insurance Study Report.

For adopting map panels and base map source see separately printed map index.

**MAP REPOSITORY**  
Refer to Repository Listing on Map Index

**EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP:**  
SEPTEMBER 20, 1996

**EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL:**

Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE DATE shown on this map to determine when additional rates apply to structures in zones where elevations or depths have been established.

To determine if flood insurance is available contact an insurance agent or call the National Flood Insurance Program at (800) 638-6822.

APPROXIMATE SCALE IN FEET  
0 500 1000

**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
**FLOOD INSURANCE RATE MAP**

**BERNALILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS**

**PANEL 326 OF 825**  
(SEE MAP INDEX FOR PANELS NOT PRINTED)

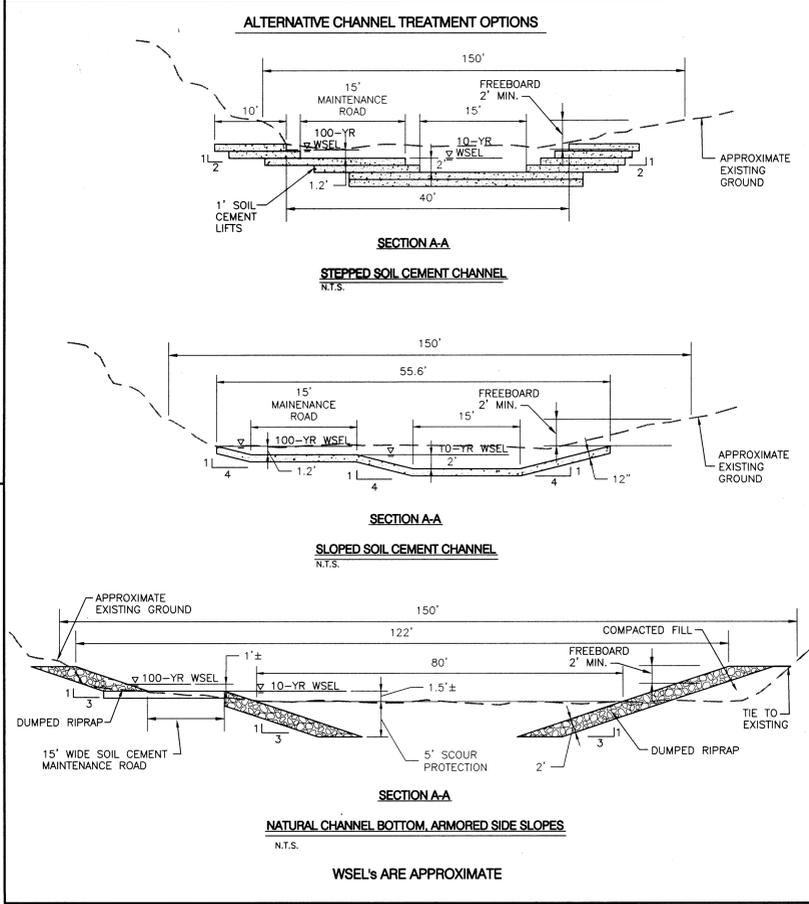
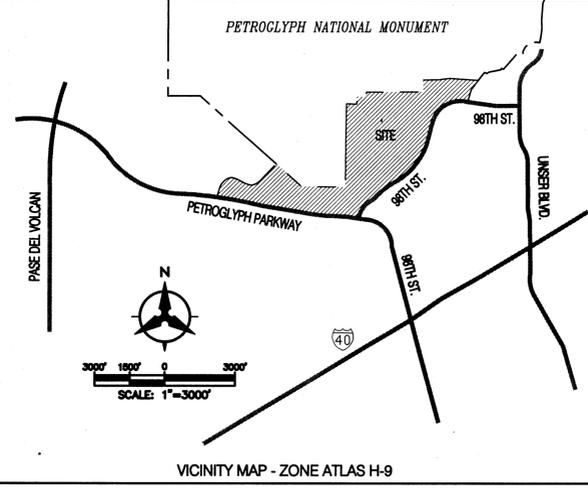
CONTAINS:	COMMUNITY	NUMBER	PANEL	SUFFIX
ALBUQUERQUE CITY OF	350002	0206	D	
BERNALILLO COUNTY UNINCORPORATED AREAS	350001	0206	D	

**MAP NUMBER**  
3501C0326 D

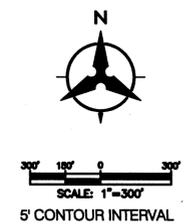
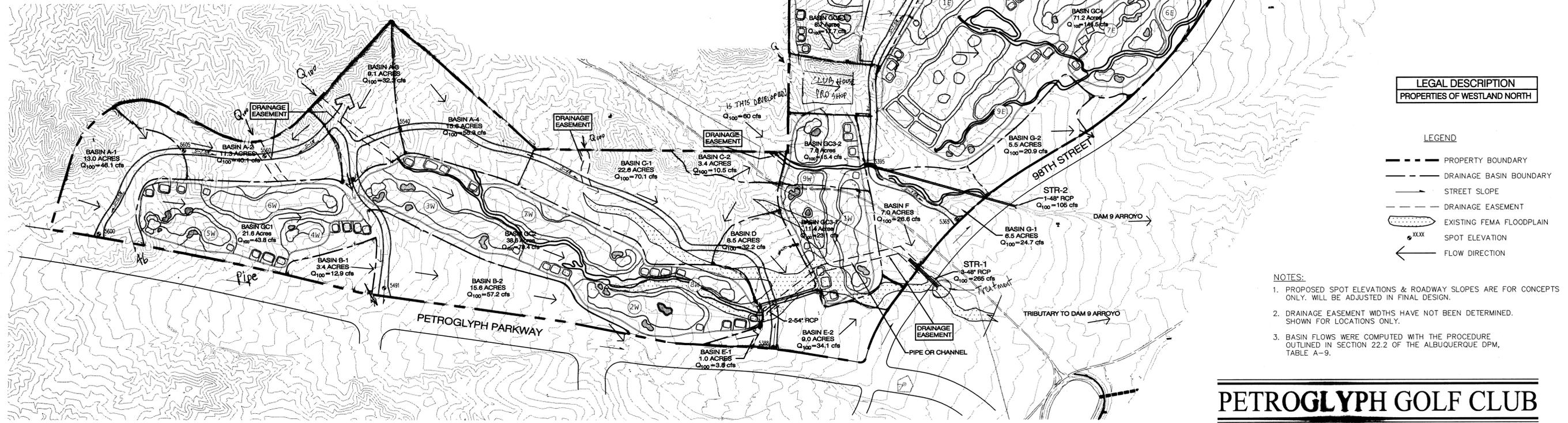
**EFFECTIVE DATE:**  
SEPTEMBER 20, 1996

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**EXHIBIT 2**  
**FEMA FLOODPLAIN MAP**



THREE OPTIONS ARE PRESENTED FOR THE MIREHAVEN ARROYO AS ILLUSTRATED BY CROSS SECTION A-A. THE WIDTH OF THE ARROYO WILL BE REDUCED TO 150' REGARDLESS OF OPTION CHOSEN.



# CONCEPTUAL DRAINAGE PLAN

Full flood map w/ site outlined  
Offsite Basins

Bohannon - Huston  
Bohannon - Huston  
Courtney One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

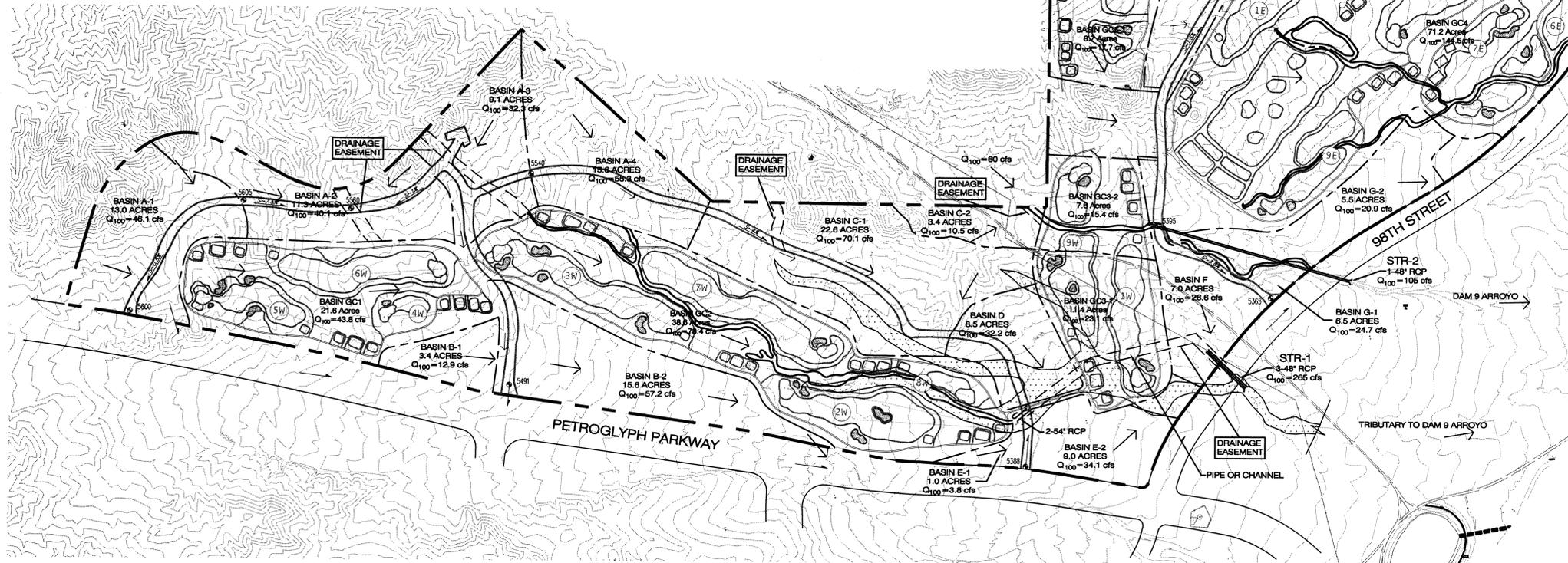
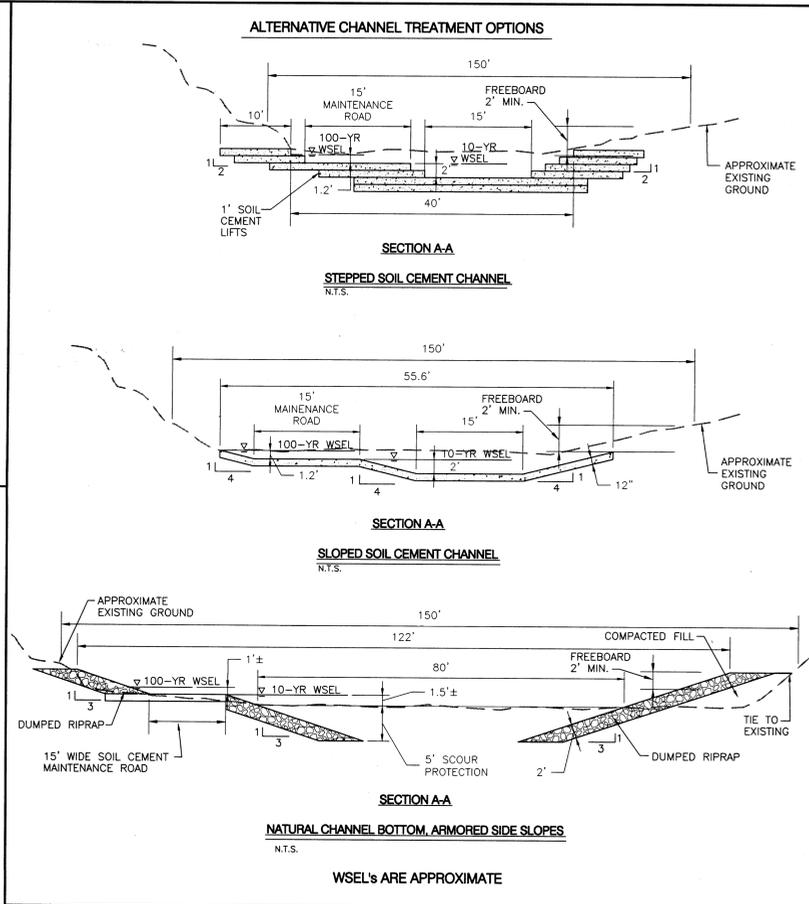
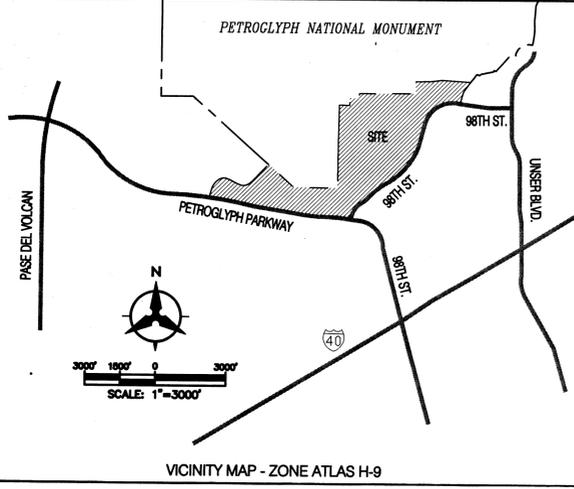
ENGINEERS' STAMP  
4/17/00

## PETROGLYPH GOLF CLUB SITE PLAN FOR BUILDING PERMIT

Prepared for: Westland Development Company  
Mesa Golf, Inc.

Prepared by: Arthur Schaupter Golf Course Architect  
Consensus Planning, Inc.  
Bohannon-Huston, Inc.

Conceptual Drainage Plan



LEGAL DESCRIPTION  
PROPERTIES OF WESTLAND NORTH

- LEGEND
- PROPERTY BOUNDARY
  - - - DRAINAGE BASIN BOUNDARY
  - STREET SLOPE
  - - - DRAINAGE EASEMENT
  - EXISTING FEMA FLOODPLAIN
  - SPOT ELEVATION
  - ← FLOW DIRECTION

- NOTES:
- PROPOSED SPOT ELEVATIONS & ROADWAY SLOPES ARE FOR CONCEPTS ONLY. WILL BE ADJUSTED IN FINAL DESIGN.
  - DRAINAGE EASEMENT WIDTHS HAVE NOT BEEN DETERMINED. SHOWN FOR LOCATIONS ONLY.
  - BASIN FLOWS WERE COMPUTED WITH THE PROCEDURE OUTLINED IN SECTION 22.2 OF THE ALBUQUERQUE DPM, TABLE A-9.

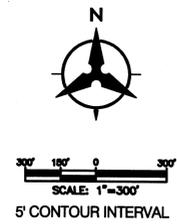
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 Courtyard One 7500 JEFFERSON NE ALBUQUERQUE NEW MEXICO 87109  
 ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

ENGINEERS' STAMP  
*David J. Bohannon*  
 4/17/00