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DRAINAGE INFORMATION SHEET

PROJECT TITLE: Tract 1-E Caballo de Fuerza	ZONE ATLAS / DRNG. FILE #: <u>L-24</u>			
LEGAL DESCRIPTION: Tract 1-E Caballo de Fuerza. Bernalil				
CITY ADDRESS: N/A				
ENGINEERING FIRM: C.L. Weiss Engineering	CONTACT: Chris Weiss			
ADDRESS: P.O. Box 97, Sandia Park NM, 87047	PHONE: 281-1800			
OWNER: Richard Polk	BUSINESS: Enchantment Heating and Air Cond.			
ADDRESS: 701 Gibson SE, Albuq. NM 87102	PHONE: 294-6802			
ARCHITECT: N/A	CONTACT:			
ADDRESS:	PHONE:			
SURVEYOR: A & E Surveying Co.	CONTACT:			
ADDRESS:	PHONE:			
CONTRACTOR FIRM: N/A	CONTACT:			
ADDRESS:	PHONE:			
PRE-DESIGN MEETING:				
YES	DRB NO			
NO	EPC NO			
COPY OF CONFERENCE RECAP SHEET PROVIDED	PROJ. NO			
TYPE OF SUBMITTAL:	CHECK TYPE OF APPROVAL SOUGHT:			
DRAINAGE REPORT	SKETCH PLAT			
XDRAINAGE PLAN	PRELIMINARY PLAT			
CONCEPTUAL GRADING & DRAINAGE PLAN	SITE DEVELOPMENT PLAN			
XGRADING PLAN	FINAL PLAT			
EROSION CONTROL PLAN	XBUILDING PERMIT			
ENGINEER'S CERTIFICATION	FOUNDATION PERMIT			
	CERT. OF OCCUPANCY			
	ROUGH GRADING PERMIT			
	GRADING / PAVING PERMIT			
	OTHER			
DATE SUBMITTED: August 18, 1995				
BY: C.L. Weiss Engineering, Inc.				



BOARD OF COUNTY COMMISSIONERS

ALBERT "AL" VALDEZ. CHAIRMAN DISTRICT 2 KEN SANCHEZ, VICE CHAIR DISTRICT 1 EUGENE M. GILBERT, MEMBER DISTRICT 3 BARBARA J. SEWARD, MEMBER DISTRICT 4 LES HOUSTON, MEMBER DISTRICT 5 JUAN R. VIGIL, COUNTY MANAGER

County of Bernalillo

State of New Mexico

ONE CIVIC PLAZA, N.W.
ALBUQUERQUE, NEW MEXICO 87102
ADMINISTRATION (505) 768-4000
COMMISSION (505) 768-4217
FAX (505) 768-4329

August 29, 1995

DAVID K. ANDERSON, ASSESSOR
JUDY D. WOODWARD, CLERK
THOMAS J. MESCALL, PROBATE JUDGE
JOE BOWDICH, SHERIFF
H. R. FINE, TREASURER

Chris Weiss, P.E. C.L. Weiss Engineering P. O. Box 97 Sandia Park, NM 87047

RE: GRADING AND DRAINAGE PLAN FOR TRACT 1 - E, CABALLO DE FUERZA (L24/D2) (PWD 95-129) SUBMITTED FOR BUILDING PERMIT APPROVAL, ENGINEER'S STAMP DATED 8/18/95.

Dear Mr. Weiss:

Thank you for the thorough response to my previous comments. Based on the information provided in the above referenced resubmittal of August 21, 1995, the plan is approved for Building Permit release.

All easement documents must be approved by the County for the Tijeras Arroyo drainage easement. Any development within the drainage easement will require an encroachment license with the County.

Please be advised that prior to the County Building Department performing final inspection, an Engineer's Certification must be submitted to and approved by this office.

If you should have any questions, please do not hesitate to call me at 768-2666.

Sincerely,

Susan M. Calongne, P.E.

City/County Floodplain Administrator

Ausan Calongon

c: Chris Rivera, City Hydrology Roger Paul, County PWD Kurt Browning, AMAFCA Richard Polk, Owner File



County of Bernalillo

State of New Mexico

2400 BROADWAY, S.E. ALBUQUERQUE, NEW MEXICO 87102 PUBLIC WORKS (505) 848-1500 DAVID K. ANDERSON, ASSESSOR
JUDY D. WOODWARD, CLERK
THOMAS J. MESCALL, PROBATE JUDGE
JOE BOWDICH, SHERIFF
H. R. FINE. TREASURER

LES HOUSTON, MEMBER
DISTRICT 5
JUAN R. VIGIL, COUNTY MANAGER

BOARD OF COUNTY COMMISSIONERS ALBERT "AL" VALDEZ, CHAIRMAN

KEN SANCHEZ, VICE CHAIR

EUGENE M. GILBERT, MEMBER

BARBARA J. SEWARD, MEMBER

Date: 09-AUG-95

Subject: Submittal

Case No.: PWD-95-129

Zone Map No.: L-24

Street Address:

Legal Description: TR 1-E CABALLO DE FUERZA

Name of Applicant: C L Weiss Engineering

Dear Applicant:

Bernalillo County Public Works Department will require TWO WEEKS for review and comment of submittal and resubmittals, and ONE WEEK for final review and plat sign-off. Major submittals may require more than two weeks for review and comment.

The issuance of a permit or a review or approval of plan specifications, computations, and shop drawings shall not be interpreted to be a permit for or an approval of any variance or violation of any of the provisions of any County or State codes, ordinances, standards, or policies. Nor shall such issuance of a permit or approval of plans, specifications, computations, and shop drawings prevent any authorized County representative or County inspector form thereafter requiring the correction of errors in said plans, specifications, computations, or shop drawings or from stopping construction operations which are being carried on thereunder when in violation of any County or State codes, ordinances, standards, or policies.

Review of construction plans, specifications, computations, and shop drawings is only for general conformance with the design concept of the project and general compliance with the plans and specifications and shall not be construed as relieving the Contractor, Land Divider, Subdivider, Engineer/Surveyor, or applicant of the full responsibility for: providing materials, equipment, and work required by the contract; the proper fitting and construction for the work; the accuracy and completeness of the submittal; selecting fabrication processes and techniques of construction; and performing the work in a safe manner.

REV 4-22-91 BR

Page 1



Alleiss Engineering-

Phone / Fax (505) 281-1800 Alvarado Office (505) 266-3444

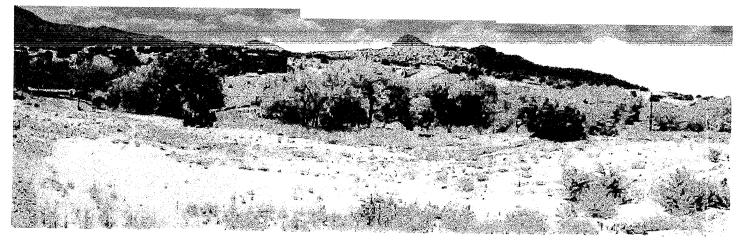
17 August, 1995

Ms. Susan Calongne, P.E. City/County Floodplain Administrator County of Bernalillo One Civic Plaza, NW Albuquerque,, NM 87102

RE: Richard Polk Proposed Site Improvements (L24/D2) (PWD 95-129)

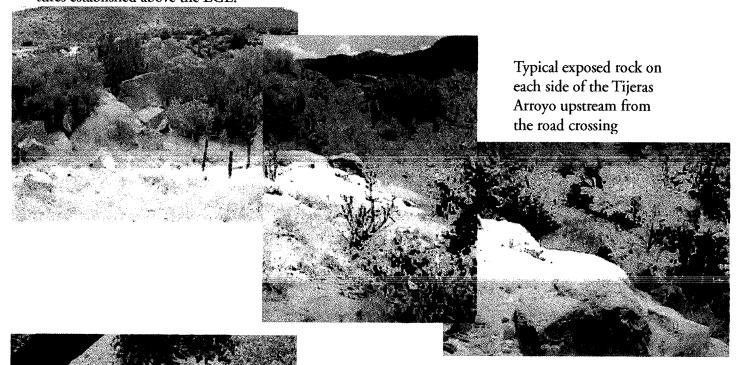
Dear Ms. Calongne:

This letter is in response to the review comments generated by the original D/G Plan submittal dated 7-21-95. These responses correspond to your letter dated August 4, 1995. The following photo of the Tijeras Arroyo was taken from the md point of the site, looking south.



- The nature of the proposed building located within the flood hazard on the west side of the site was a support building for the horse boarding facility. My client has agreed to eliminate the building from his plan. We did not show the approximate flood boundary from the FHBM because of the poor accuracy of the data that would be obtained from that map. The WSEL and the EGL was established from a HEC-2 analysis, which verifies all proposed buildings are located outside the flood plain limits.
- The original flow rate of 13,600 cfs came from a 1983 report and was the only data your office had reference to at that time until we were made aware of the Tijeras Arroyo Drainage Management Plan, prepared by Leedshill-Herkenhoff, August, 1990, which used a 100 year flow rate of 22,600 cfs. (Reference Table VI-2, Reach # 5 from Four Hills Road eastward one mile). All calculations has been revised to reflect this number.

• In the matter of your request to establish an erosion setback limit, I feel the setback requirement pertains more to an alluvial arroyo bed situation which could change its depth and path with each passing storm event. The upstream reach of the Tijeras Arroyo is lined with exposed granite and will not be subject to streambed erosion or any meandering prior to reaching the site. In regard to erosion potential adjacent to the site, all proposed fill established by the site improvements will be limited to areas above the high water elevation, with all permanent structures established above the EGL.



proposed conditions reflect the same data, with no significant difference to the hydraulic profile. The existing culverts/road crossing were assumed to be destroyed after overtopping began somewhere between 1000 and 2000 cfs.

HEC-2 data has been provided for the existing conditions. The

- The existing well shown on the site was established in 1958 and presently serves five houses on the south side of the Tijeras Arroyo.
- The drive originally proposed to serve the support building has been removed along with the building.
- An easement has been established based on the EGL reflecting the proposed finished grading plan. Please call me if you have any questions concerning this submittal. Our client is most anxious to proceed with final grading and begin the first building before the advent of Winter. Thank you.

Sincerely,

Christopher L. Weiss, P.E. C.L. Weiss Engineering, Inc.

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