



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 10, 2002

Bernard Freeman
BRF Engineering
7426 Riverton Drive NW
Albuquerque New Mexico 87120

RE: Grading and Drainage Plan for NAA, Lot 31, Block 17, Unit 3, Tract 1 (B20-D16)
Dated November 26, 2002

Dear Mr. Freeman:

The above referenced plan received March 28, 2001 is approved for Building Permit. Upon completion of the project the engineer will need to certify the project. One item that I would like you to call me on is the small difference for the contours between the off-site drainage map and the grading plan. RTI's floodplain matches yours, but the HEC-RAS and the off-site drainage map elevations are slightly different.

If you have any questions please call me at 924-3982.

Sincerely,

Carlos A. Montoya
City Floodplain Administrator

Plan Summary Information:

Number of:	Cross Sections	=	4	Multiple Openings	=	0
	Culverts	=	0	Inline Weirs	=	0
	Bridges	=	0			

Computational Information

Water surface calculation tolerance	=	0.003
Critical depth calculation tolerance	=	0.003
Maximum number of iterations	=	20
Maximum difference tolerance	=	0.1
Flow tolerance factor	=	0.001

Computation Options

Critical depth computed only where necessary	
Conveyance Calculation Method:	At breaks in n values only
Friction Slope Method:	Average Conveyance
Computational Flow Regime:	Mixed Flow

FLOW DATA

Flow Title: Flow 06

Flow File : C:\HEC\RAS\freeman2.f06

Flow Data (cfs)

River	Reach	RS	PF 1
001	1	004	793

Boundary Conditions

River	Reach	Profile	Upst
ream	Downstream		
001	1	PF 1	Normal S
= .02667	Normal S = .02667		