HYDROLOGY E21/D26a 1 PLAN

E21/D26a

1 PLAN

E21/D26A

RECEIVED
JUL 15 1985
DH0218
HYDROLOGY SECTION

July 11, 1985

Mr. Greg Olson
City of Albuquerque
Post Office Box 1293
Albuquerque, NM 87103

Re: Offsite Drainage Improvements for Country Club Estates

Dear Greg:

The purpose of this letter is to bring to your attention a discrepancy in your letter of June 28, 1985 regarding the referenced project.

In your letter you stated that the offsite drainage improvements for Country Club Estates will not be accepted as public improvements because they convey no public flows. The Tanoan Country Club and Golf Course are owned by American Golf, Inc., which is an entity entirely separate from AmeriWest Corporation. It seems to me that any discharge of runoff from the golf course onto AmeriWest property, or vice-versa, should be considered public flow. Therefore, the referenced improvements should be considered as public, when completed in a manner satisfactory for City acceptance.

If you have any questions or additional comments, please call.

Sincerely,

Kerry Davis
Project Engineer

cc: ~~Mr.~~ Billy Goolsby

KD/mls
Job No. 4 302 2

BOHANNAN-HUSTON INC.
4125 CARLISLE BLVD., N.E. ALBUQUERQUE, NEW MEXICO 87107 505 881-2000
UNIVERSITY PLAZA, 330 GARFIELD SUITE 104 SANTA FE, N.M. 87509 505 988-7671
6713 VISCOUNT BLVD. EL PASO, TEXAS 79925 915 778-4491

PRINCIPALS
JERRY R. BOHANNAN, P.E. & L.S.
LARRY W. HUSTON
MICHIAL M. EMERY, P.E.

File

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

E21/D26A

June 28, 1985

RECEIVED
JUN 28 1985
DH0199
HYDROLOGY SECTION

Mr. Kerry Davis
Bohannon-Huston, Inc.
4125 Carlisle, NE
Albuquerque, NM 87107

RE: COUNTRY CLUB ESTATES SUBDIVISION, PROJECT NO. 2177

Dear Kerry:

Your letter of June 14, 1985, describing revisions to the off-site drainage system for subject project, is very clear and substantiates the revision. However, on any future revisions, I request that you submit the proposed change to the DRC for comprehensive review.

The subject off-site system currently does not convey any public water. Ameriwest was previously advised that an Engineer's Certification will be required on the system prior to release of financial guarantee. However, the system will not be accepted by the City for ownership and maintenance until upstream development generates "public storm runoff." Any revisions on the above system need to anticipate future design development.

The As-Built drawings should clearly identify the revised layout for record purposes. Good records will aid any future request by Ameriwest for City acceptance of the system.

Sincerely,

Greg Olson

Gregory R. Olson, P.E.
Assistant City Engineer/Design

GRO/tar

cc: Bill McNamara, Assistant City Engineer/Field
Billy Goolsby, Hydrology
Mike Yost, Community Sciences
Cleve Matthews, Ameriwest Corporation
Project File 2177

CITY OF ALBUQUERQUE

ALBUQUERQUE, NEW MEXICO

INTER-OFFICE CORRESPONDENCE

REF. NO._____

May 28, 1985

TO: Denise Wilcox, Administrative Assistant

FROM: Fred J. Aguirre, Design Hydrologist

SUBJECT: SUBDIVISION IMPROVEMENTS AGREEMENT-(B)-COUNTRY CLUB ESTATES
TRACT A, PROJECT #2431

The drainage plan is approved, the listing looks (i.e., the infrastructure listing) okay. I have no comments.

FJA/bsj

~~Fred~~ Only addition I can see would be the estimate for the private retaining wall

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

March 8, 1985

Kent Whitman
Community Sciences Corporation
Post Office Box 1328
Corrales, New Mexico 87048

RE: DRAINAGE PLAN FOR COUNTRY CLUB ESTATES AT TANOAN
(E-21/D26A) RECEIVED MARCH 8, 1985

Dear Mr. Whitman:

The referenced plan dated March 7, 1985, is approved.

Not a detailed plan for construction. Should have required another submittal for detail.

Please attach a copy of this approved plan to the construction set prior to Hydrology sign-off.

If you have any questions or comments regarding this project, please call me at 766-7644.

Cordially,

Billy J. Goolsby

Billy J. Goolsby, P.E.
Design Hydrology Section

BJG/bsj

E21-D26 (E21/D26A)

Rec'd 2/27/85

February 27, 1985

Mr. Billy Goolsby
City Hydrology
P.O. Box 1293
Albuquerque, NM 87103

Dear Billy:

Ameriwest Corporation has requested the nine-foot, concrete easement channel in Tract C of Country Club Estates at Tanoan be reduced in size.

We have determined that the width of the channel can be reduced to four feet. Please refer to the attached calculations to verify the capacity.

If this change meets with your approval, we will amend the construction plans to reflect this change and at your earliest convenience we will obtain your signature in the revision block on the cover sheet of the plans.

Sincerely,

Michael J. Yost

Michael J. Yost
Project Engineer

MJY/vlg

Enclosures as stated

cc: Larry Lidster, Ameriwest
Greg Olson, City Engineering

P.O. Box 1808
Corrales, New Mexico 87048
(505) 897-0000

SURVEYING
LAND PLANNING
CIVIL ENGINEERING
DEVELOPMENT CONSULTANTS

10.5 x 2 + 5 =
21

EASEMENT CHANNEL - TRACT C

For area M - Concrete Rundown

Q100 = 3.7 (from Drainage Report)

Slope = .0172

Sideslopes = 0

n = .017

A) From Manning's Eq:

d = .23' < .67', OK

v = 4.01 fps

F# = 1.47

B) Inlet capacity:

dc = .30'

Vc = 3.09 fps

$$\text{Entrance depth} = .30 + \frac{.25(3.09)^2}{64.4}$$

$$= .49' < .67' \text{ OK}$$

C) Outlet capacity:

$$\text{Jump depth} + \frac{-.23}{2} \quad \frac{.23^2}{2} + \frac{2(4.01)^2 .23}{32.2}$$

$$= .37' < .67', \text{ OK}$$

DRAINAGE INFORMATION SHEET

D26a

PROJECT TITLE: COUNTRY CLUB ESTATES ZONE ATLAS/DRNG. FILE #: E21 ~~& E22~~

LEGAL DESCRIPTION: LOTS 1A, 2A, 28A, A1, A2 & TRACTS B2 & K1

CITY ADDRESS: N/A

ENGINEERING FIRM: COMMUNITY SCIENCES CORP. CONTACT: MIKE YOST

ADDRESS: BOX 1328, CORRALES, 87048 PHONE: 897-0000

OWNER: AMERIWEST CORP. CONTACT: LARRY LIDSTER

ADDRESS: P.O. BOX 25625, 87125 PHONE: 843-3403

ARCHITECT: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

SURVEYOR: SAME AS ENGR. CONTACT: _____

ADDRESS: _____ PHONE: _____

CONTRACTOR: N/A CONTACT: _____

ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

___ YES

X NO

___ COPY OF CONFERENCE RECORD SHEET PROVIDED

RECEIVED FEB 13 1985 HYDROLOGY SECTION

~~84-187~~ ~~3/8/85~~

DRB NO. 85-127 2/26/85

EPC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

___ DRAINAGE REPORT

X DRAINAGE PLAN

___ CONCEPTUAL GRADING & DRAINAGE PLAN

___ GRADING PLAN

___ EROSION CONTROL PLAN

___ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

___ SKETCH PLAT APPROVAL

X PRELIMINARY PLAT APPROVAL

___ SITE DEVELOPMENT PLAN APPROVAL

X FINAL PLAT APPROVAL

___ BUILDING PERMIT APPROVAL

___ FOUNDATION PERMIT APPROVAL

___ CERTIFICATE OF OCCUPANCY APPROVAL

___ ROUGH GRADING PERMIT APPROVAL

___ GRADING/PAVING PERMIT APPROVAL

___ OTHER _____ (SPECIFY)

DATE SUBMITTED: 2/13/85

BY: Michael A. Yost