G21/D12A

1 PLAN

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

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

July 19, 1984

Mr. Ray Harrison
Ray Harrison & Associates
1517 A Girard NE
Albuquerque, New Mexico 87106

REF: ADDITION TO ALBUQUERQUE GYMNASTICS CENTER (G-21 D12A)

Dear Mr. Harrison:

Based on the information provided on your May 21, 1984 resubmittal, the certification for the above referenced drainage plan is not acceptable until the items listed below are addressed.

1. Provide as-built elevations and dimensions for the following structures:
   a) asphalt channel
   b) pond limit elevation
   c) spillway elevation

2. Please provide more spot elevations within the channel portion for verification that overspill will not take place onto the adjacent property.

3. Professional Certification-engineer's stamp dated and signed accompanied with a statement indicating substantial compliance with the approved drainage report and/or plan (included within the as-built plan)

If you have any questions regarding the above comments, feel free to contact me at 766-7644.

Sincerely,

Billy J. Goolsby

Billy J. Goolsby, PE
City/County Flood Plain Admin.

BJG/BM/cl

O update INFORMATION SHEET O G21-D12A

PROJECT TITLE ALBUQUERQUE GYMNASTICS TYPE OF SUBMITTAL AS BUILT

NE ATLAS PAGE NO. G 21 CITY ADDRESS 1280 Comanche Rd. NE

LEGAL DESCRIPTION L ot 12 Block 17 Mesa Arriba Addition

ENGINEERING FIRM Ray Harris on CONTACT same

ADDRESS 1517 A Girard NE PHONE 265 4276

OWNER Albuquerque Gymnastic INC. CONTACT John Charzuk

ADDRESS 3605 Morris NE PHONE 293 9570

ARCHITECT _____ CONTACT _____

ADDRESS _____ PHONE _____

SURVEYOR Ray Harrisoh CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR Ge orge Brunacini CONTACT same

ADDRESS 2405 Candelaria NE PHONE XXXX 884 1789

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ BUILDING PERMIT APPROVAL
_X_ CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: _____

BY: _____

RECEIVED
MAY 1 1984
HYDROLOGY SECTION

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS

1517-A GIRARD BLVD. NE
ALBUQUERQUE, NEW MEXICO 87106
(505) 265-4276

Ref: Addition t o Albuquerque Gymnastics Center (G21-D12A)

I certify that referenced project has made substantial compliance with the approved Drainge Report to the best of my knowledge and belief

Ray L. Harrison

Ray L. Harrison

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR
NO. 2198
NEW MEXICO
RAY L. HARRISON

RECEIVED
MAY 1 1984
HYDROLOGY SECTION

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

March 6, 1984

Mr. Ray Harrison
Ray Harrison & Associates
1517 A Girard NE
Albuquerque, NM 87106

REF: ADDITION TO ALBUQUERQUE GYMNASTICS CENTER (G21-D12A)

Dear Mr. Harrison:

Based on the information provided on your February 21, 1984 submittal, the certification for the above referenced drainage plan is not acceptable. Attached you will find a copy of the "Engineers Certification Checklist" which you will need to follow for your certification resubmittal.

If you have any questions regarding the above comments, feel free to call me at 766-7644.

Sincerely,

Bernie J. Montoya

Bernie J. Montoya
Hydrologic Engineering Tech.
C.E.

BJM:mrk

INFORMATION SHEET

PROJECT TITLE Gymnastics Addition - Girl TYPE OF SUBMITTAL As Built

ZONE ATLAS PAGE NO. G 21 CITY ADDRESS 10280 Comanche Rd. NE

LEGAL DESCRIPTION Lot 1/2 Bk 17 Mesa Arriba Subdivision

ENGINEERING FIRM Ray Harrison & Assoc CONTACT same

ADDRESS 1517 A Girard NE 87106 PHONE 265 4276

OWNER _____ CONTACT _____

ADDRESS _____ PHONE _____

ARCHITECT _____ CONTACT _____

ADDRESS _____ PHONE _____

SURVEYOR _____ CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

PRE-DESIGN MEETING:

___ YES
___ NO
___ COPY OF CONFERENCE RECAP SHEET PROVIDED

PLEASE CHECK TYPE OF APPROVAL EXPECTED WITH THIS SUBMITTAL:

___ SKETCH PLAT APPROVAL
___ PRELIMINARY PLAT APPROVAL
___ SITE DEVELOPMENT PLAN APPROVAL
___ FINAL PLAT APPROVAL
___ BUILDING PERMIT APPROVAL
X CERTIFICATE OF OCCUPANCY APPROVAL
___ ROUGH GRADING PERMIT APPROVAL
___ GRADING/PAVING PERMIT APPROVAL
___ OTHER _____ (SPECIFY)

DATE SUBMITTED: _____

BY: _____

RECEIVED
FEB 21 1984
HYDROLOGY SECTION

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

November 3, 1983

George Brunacini
P.O. Box 6992
Albuquerque, NM 87197

REF: 10280 COMANCHE NE

Dear Mr. Brunacini:

Our records show that on September 28, 1983, a field inspection was requested by your office on the above referenced site. A field inspection was made on September 28, 1983. For the following reasons this site was found to be in noncompliance with the approved drainage plan.

1. Site flows were flowing to Southwest corner of site and ponding, contrary to approved plan which required flows to be directed to newly constructed swale and discharged into Comanche.

2. Newly constructed swale on West side of site was not constructed according to plan. Flows were to be routed to the South of the site instead of the North as was designed.

In order to provide fair, effective enforcement of drainage policy, it is imperative that the concerns listed above be taken care of as soon as possible. Furthermore, a temporary Certificate of Occupancy was issued with the understanding that these concerns would be taken care of within two weeks. Please advise our office as to the status on this site, as our office will have to exercise caution in issuing any further temporary C.O.'s if these problems are not addressed soon.

Three alternatives are also available to you:

1. Comply with the original approved drainage plan.

2. Have an Engineer submit an as-built plan showing that what exists is in close compliance to the original approved drainage requirements for the site.

3. Submit a new drainage plan in compliance with the new drainage ordinance.

If you have any questions concerning this matter, do not hesitate to call me at 766-7644.

Sincerely,

Steve R. Chavez
Hydrology Inspector

SRC:mrk

cc: John Charzuk, Owner
1100 Wade Circle NE
Albuquerque, NM 87112

INFORMATION SHEET

PROJECT TITLE ADDITION TO GYMNASTICS TYPE OF SUBMITTAL _____

ZONE ATLAS PAGE NO. G 21 - D12A CITY ADDRESS 10280 Comanche Rd. NE

LEGAL DESCRIPTION Lot 12. Bk 17 Mesa Arriba Addition

ENGINEERING FIRM Ray Harrison & Assoc CONTACT Ray Harrison

ADDRESS 1517 A Girard NE PHONE 265 4276

OWNER Gymnastics Inc CONTACT George Brunacini

ADDRESS 3605 Morris NE PHONE 293 9570

ARCHITECT Bill Buckley CONTACT Frank Mackey

ADDRESS 740 San Mateo NE 87108 PHONE 255 9196

SURVEYOR Same (Engineer) CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR George Brunacini CONTACT George Brunacini

ADDRESS 2405 Candelaria NE PHONE 884 0345

DATE SUBMITTED 8/8/83

BY _____

RECEIVED
AUG 08 1983
ENGINEERING

Use this Information Sheet when submitting the following:

Drainage report or plan, conceptual grading and drainage plan, engineer's certification plan, erosion plan and grading plan. Provide the information applicable to your submittal.

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS

1517-A GIRARD BLVD. NE
ALBUQUERQUE, NEW MEXICO 87106
(505) 265-4276

Addendum

ADDITION
TO
ALBUQUERQUE GYMNASTICS CENTER
10280 Comanche Rd. Ne

File G 21

The following verbal criteria was telephoned by John Armstrong of the City Hydrology Department.

1. Drainage cannot flow across the adjacent lot to the west.

2. Spot elevations and door locations are required.

3. Ponding is required because downstream conditions are inadequate. (Commanche and Eubank)

Reply: See attached grading plan.

1. A curb will be construced to prevent drainage flow ac across the adjacent lot.

2. The door locations are shown, I do not understand the spot elevation requirement and there is nothing in the DPM about it.

3.Ponding, this is an unreasonable requirement because this property is developed and paved, ponding would requie replacement of the existing paving and regrading of the lot. Minimal ponding is furnished.

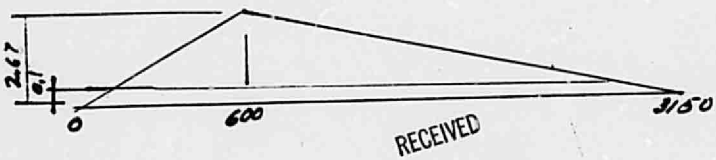
Ponding requirement,

C = 0.8 I = 2.5 a = 0.58 ac.

Q_{peak} = 0.8 X 2.3 X 2.5 X .58 = 2.67 CFS @ 600 sec

V = .8 X 2.5/12 X 25,250 = 4208 Cu Ft

T = 2 X 4208/2.67 = 3150 sec.



RECEIVED
AUG 08 1983
ENGINEERING

Addition to Albuquerque Gym.

a 4" pipe will flow 0.1 CFS @ 0.2% slope (Table 6-2 K & B) A short tube entrance check show it ok.

s_1 = 600/2.67 = 225 s_2 =3150/2.67 = 1180

225 X 0.1 = 22.5 1180 X 0.1 = 118

Ponding required

3150 - (22.5 + 118) X [2.67 - 0.1]/2 = 3867 Cu Ft.

Ponding furnished 990 Cu. ft.

Again I feel it is unreasonable to require the replacement of paving and the regrading of the lot to provide ponding. when the addition will not change drainage offflow from the site.

Ray L. Harrison

RECEIVED

AUG 08 1983

ENGINEERING

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS

1517-A GIRARD BLVD. NE
ALBUQUERQUE, NEW MEXICO 87106
(505) 265-4276

265-4276

Addition to ABQ Gym G21-D12A

① ~~Down stream Conditions not adequate Ponding Required.~~ Addition

② i is not 25 in

③ how much is paved? What is existing? Drivepads existing?

④ What to do to keep water off lot 11?

⑤ Gutter? easement

⑥ Spot elevations, Swales?

⑦ Doors?

~~⑧ Drivepads~~

⑧ Use new information sheet.

Telephone Conversation
w/ Ray Harrison 8/01/83 & 8/02/83

He said he would submit another plan.

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS
1517-A GIRARD BLVD. NE
ALBUQUERQUE, NEW MEXICO 87106
(505) 265-4276

DRAINAGE PLAN
ADDITION
TO
ALBUQUERQUE
GYMNASTICS CENTER
Lot 12, Block 17, Mesa Arriba
10280 Comanche Rd. NE

July 12, 1983

The project consists of an additon to an existing metal building. The addition will be located on an existing parking lot.

Planning History: None,

OFFSITE FLOWS: Most of the drainage from the adjacent lot 13 flows across this lot. The existing offsite drainage configuration will be altered by adding a gutter to drain the North ½ of the roof of the building on lot 13 to the front of lot 12. The reimander of the drainage will continue to flow across lot 12 to the street.

Flow rate, area lot 13 11,925 SF = .27 acre
C = .95 95 imprevious I = 2.5 "

10 yr Q = .95 X 2.5 X .27 X .657 = 0.42 CFS

100 Yr Q = .95 X 2.5 X .27 = .64 CFS

ONSITE FLOWS:

Existing conditions- The majority of the existing lot is paved roofed or gravel surfaced and drains to Comanche.

Flow rate- area 25,452 Sq. Ft. = 1.71 acres 0.58
C = .86 90% paved, soil Hydro group B)

Q_{100} = .86 X 2.5 X 1.71 = 3.7 CFS
Offsite flow = .64 CFS
Total flow = 4.34 CFS

Proposed conditions- The addition willnot change the existing flow pattern of drainage to the street.

Adequacy of down stream conditions- This site is located adjacent to Analysis Point 302 Map G-21, Volume III of the Master Drainage Study. A. P. has a 100 year storm analysis of street depth of 0.47 ft., this is less than the allowable of 0.5 ft, so down stream conditions are adequate.

Ray L Harrison
Ray L. Harrison

RECEIVED
JUL 14 1983
ENGINEERING

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DRAINAGE REPORT INFORMATION SHEET

PROJECT TITLE ADDITION TO ALBUQUERQUE GYMNASTICS CENTER

ZONE ATLAS PAGE NO. G - 21 D12A CITY ADDRESS 10280 ComancheRd. NE

LEGAL ADDRESS Lot 12, Block 17 Mesa ARRIBA Subdivision

ENGINEERING FIRM Ray Harrison & Assoc CONTACT Ray Harrison

ADDRESS 1517 A Girard NE 87106 PHONE 265 4276

OWNER Albuquerque Gym. Center Inc. CONTACT

ADDRESS 3605 Morris NE 87111 PHONE 2939570

ARCHITECT/SURVEYOR Same CONTACT

ADDRESS PHONE

DATE SUBMITTED July 13, 1983

BY

RECEIVED

JUL 14 1983

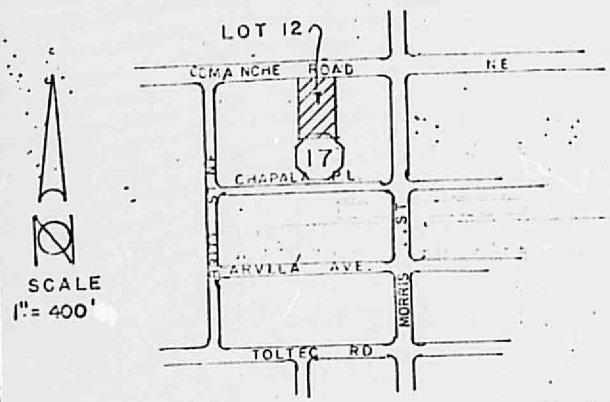
ENGINEERING

Addn. to ABQ Gym 265-4276 G21-D12A

1. When was paving installed? Where are limits of existing paving?
2. Section A - Swale not 0.6 ft deep - varies
3. Spot elevations around building (existing & proposed)
4. Show how proposed drainage will work
5. Construction on adjacent property requires an easement. (Retaining Wall)
6. T/C elevations needed along west line
7. Spot elevations on over flow

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



G 21

LOCATION PLAN

OWNER
ALBUQUERQUE GYMNASTICS INC
3606 Morris St. NE
Albuquerque, NM 8787111
293 9570

ENGINEER
RAY HARRISON & ASSOCIATES
1517 A girard NE
Albuquerque, NM 87106

REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR
NO. 2198
NEW MEXICO
RAY HARRISON

8-18-88

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within City right-of-way. An approved copy of these plans must be submitted at the time of application for this permit.

2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "Contract Documents for City-Wide Utilities and Cash Paving No. 31 "

3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.

4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.

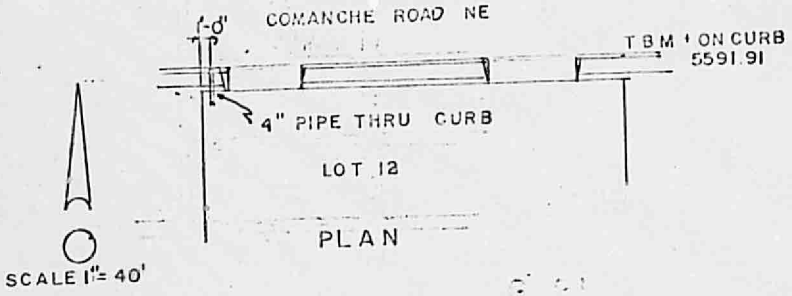
5. Backfill compaction shall be according to ARTERIAL street use.

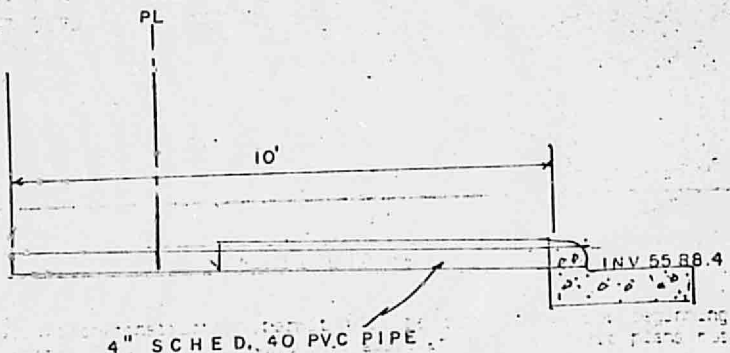
C-98

APPROVALS	NAME	DATE	TITLE: DRAIN PIPE THRU CURB LOT 12, BLOCK 17 MESA ARRIB. 10280 COMANCHE RD. NE
A.C.E./DESIGN		8-22-1988	
INSPECTOR		9/30/88	PERMIT NO. 2 — MAP NO. G 21

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY





SECTION

C-98

APPROVALS	NAME	DATE	TITLE: PIPE THRU CURB. LOT 12, BK 17, MESA ARRIBA
A.C.E./DESIGN	[illegible]	[illegible]	10280 COMANCHE RD. NE
INSPECTOR	[illegible]	9/20/83	PERMIT NO. / SHEET 2 OF 2 / MAP NO. G 21
A.C.E./FIELD	[illegible]	[illegible]	