HYDROLOGY J14/D11 1 PLAN

J14/D11

1 Plan

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS

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

DRAINAGE PLAN ADDENDUM

STORAGE BUILDING FOR STATKUS BROTHERS
715 Aspen Ave. N.W.

Ref: Memorandum dated August 28, 1981 requesting changes and additions to the referenced Drainage Plan.

1. On-site developed and undeveloped flow shown.

2. The plan is revised to provide a 3" pipe drain to the street, this will approximate a 2¼" hole.

3. Sections through the driveway and additional spot elevations shown.

4. City bench mark more clearly idenitifyed.

5. Contours and spot elevations will be carried out as requested in the future.

Special Order # 19 for this project submitted to A.C.E./Design, copy attached.

Ray L. Harrison

Ray L. Harrison

RECEIVED
SEP 02 1981
ENGINEERING

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

RECEIVED

AUG 24 1981

ENGINEERING

DRAINAGE REPORT INFORMATION SHEET

PROJECT TITLE Storage Building for Statkus Brothers

ZONE ATLAS PAGE NO. J 1 - 14 CITY ADDRESS 715 Aspen NW

LEGAL ADDRESS Lots 25 & 26 Block 1 Dryfuss Addition

ENGINEERING FIRM Ray Harrison & Associates CONTACT Ray Harrison

ADDRESS 1517 A Girard NE PHONE 265 4276

OWNER Bob & Jerry Statkus CONTACT either

ADDRESS 10208 Alder NW PHONE 898 2115

ARCHITECT/SURVEYOR Ray Harrison & Assoc CONTACT Ray HaRISON

ADDRESS 1517 A Girard Ne PHONE 265 4276

DATE SUBMITTED 8/21/80

BY Ray Harrison

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

J14-D11

September 9, 1981

Mr. Ray Harrison
Ray Harrison & Associates
1517A Girard Blvd. N.E.
Albuquerque, New Mexico 87106

Re: STATKUS BROTHERS DRAINAGE REPORT

Dear Ray:

The referenced drainage report is hereby approved based on your submittal of September 9, 1981. Please see that a copy of the revised plan (dated 9-9-81) is placed with the construction set. Mr. Bernie Montoya will sign off for the Hydrology Section when this is done.

This office requests that a completed Drainage Covenant be returned at the earliest possible date.

If I can be of further help on these matters, please call.

Very truly yours,

Brian G. Burnett

Brian G. Burnett
Civil Engineer/Hydrology

BGB/fs

MUNICIPAL DEVELOPMENT DEPARTMENT
Richard S. Heller, P.E., City Engineer
ENGINEERING DIVISION
Telephone (505) 766-7467

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

J14-D11

August 28, 1981

Mr. Ray Harrison
Ray Harrison & Assoc.
1517A Girard N.E.
Albuquerque, New Mexico 87106

Re: STORAGE BUILDING FOR THE STATKUS BROTHERS

Dear Ray:

I have made an initial review of the referenced report and forward the comments listed below. The numbers refer to the Drainage Report (DR) and Construction Plan (CP) Checklists.

1. DR #13 - Please supply calculations showing on-site undeveloped and developed flow volumes and rates.

2. DR #15B2 - The positive discharge calculations indicate that a 2 1/4" diameter pipe will handle the Q_1 positive discharge. However, drain detail 1/1 shows a 6" diameter pipe . Could this point be clarified?

3. DR #15B3 - How will the driveway transition affect the emergency spillway scheme? Please submit a more detailed drawing (including spot elevations) of the driveway area.

4. DR #19A, DR #19C, CP#4, CP#5 - Please define location of City Bench Mark and the temporary bench mark (if used).

5. DR #20C, CP #8 - With future submittals please see that contours and spot elevations extend a minimum of 15' beyond the property line.

6. DR #21M, CP #23 - Please comply with Special Order #19 for construction in the City right-of-way.

7. DR #23 - A drainage covenant will be required for this development.

If I can be of further help on these matters, please call.

Sincerely,

Brian G. Burnett

Brian G. Burnett
Civil Engineer/Hydrology

BGB/fs
8206A
cc: f/Reading

RAY L. HARRISON & ASSOCIATES
CONSULTING ENGINEERS

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

DRAINAGE REPORT

715 Aspen Ave NW
Lot 25 & 26 Block 1, Dryfuss Addition
Storage Building fot the Statkus Brothers

This project is located on a small lot in the North Valley. An unheated storage building will be constructed. The project is not located in a flood hazard area. (See attached map) The soil is a silty sand with clay and there are no contributing offsite water sheds. See attached ortho photo topo map.

Other Conditions, there is a small house to the East and unpaved storage yard to the North and West, These will not affect the drainage.

A pond with a Q_1 positive outlet will be provided in the front parking lot. Ponding calculations are shown on the drawing.

Ray L. Harrison
Ray L. Harrison
P. E. & L. S. 2198

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