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NOV 17 1981

CITY ENGINEER

November 16, 1981

Bernie Montoya
Drainage Inspection Department
City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103

Re: Fellowship Christian Reformed Church

Dear Bernie:

Pursuant to your letter dated October 28, 1981, regarding conditions for final approval of the drainage improvements for the above mentioned site, I would propose to expand on your recommendations based on my inspection of the site. The following, I feel will be sufficient to satisfy the intent of the drainage plan as designed by our office.

1. Both ponds 1 and 2 should have well defined points of overspill. Specifically, I recommend the following: The grassed berm around pond #1 should be depressed a minimum of 6" in depth and 2' in width at its northeast corner to define the overspill point. The grass landscaping should provide adequate erosion control, therefore, no concrete pad will be required.

The berm around pond #2 should be built up along its north side to define a point of overspill at the northwest corner to similar dimensions as described for pond #1. 3"-6" cobbles with a heavy underlying plastic sheet should be laid at the depressed overspill and out to the asphalt paving as an erosion control measure. No concrete pad will be required if this is done.

2. I agree with your recommendation that the swale around the west side of the building be reworked so that water will enter pond #1 rather than continuing north to the street as it currently does.

3. The risers on the 8" pond interconnect pipes should be removed so that the flow line elevations of the pipes will be flush with the pond bottom. It is critical that this be accomplished to allow the pond to completely drain.

November 16, 1981
Pernie Montoya
Page two

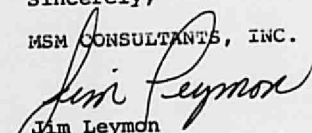
MSM CONSULTANTS, INC.

4. The riser on the 4" positive drain pipe in pond #2 should be removed so that the flow line elevation of the pipe be flush with the bottom of the pond. This will allow the pond to drain.

I feel that if the above recommendations are accomplished, the drainage system will function as designed. If you have any questions or concerns, please call me.

Sincerely,

MSM CONSULTANTS, INC.


Jim Leymon
Project Engineer

cc: Fellowship Christian Reformed Church
David Dekker

JL/lb



City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

October 28, 1981

Fellowship Christian Reformed Church
Care of Franks and Associates Inc.
4000 San Pedro N.E. Suite B
Albuquerque, New Mexico 87110

REFERENCE: Drainage Inspection at 4800 Indian School Rd. N.E.

Dear Mr. Dale Franks:

On October 21, 1981 a drainage inspection was made by our office at 4800 Indian School Rd. N.E. (Fellowship Christian Reformed Church). Below you will find certain conditions that have to be met before a final approval can be given by our office.

1. Overspill pads on both ponds will have to be constructed, see Detail B-B on drainage plan.
2. Swale around the west side of building will have to be reworked so that water will eventually enter pond 1 and won't exit onto the street as it is doing presently.
3. The 8" pipes in pond 1 will have to be lowered to a point flush with the pond bottom.
4. The 4" pipes in pond 2 will also have to be at the pond bottom.

If you have any questions regarding any of the comments listed above it would be highly recommended that you contact Meurer, Serafini and Meurer Inc. the Design Engineers of the drainage plan.

If you have any questions please feel free to contact our office.

Sincerely,

Bernie J. Montoya

Bernie J. Montoya
Hydrologic Engineering Technician

BJM/el

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

MAYOR
David Rusk

March 16, 1981

Mr. Dave Dekker
709 Central Ave. N. W.
Albuquerque, New Mexico 87102

Dear Mr. Dekker:

Enclosed is the grading plan with my comments in red for the
Christian Reformed Church.

If you have any questions, please don't hesitate to contact
me.

Sincerely,

Fred J. Aguirre, P.E.
Hydrology Section
Engineering Division

FJA/cc

Enclosure