

A RESOLUTION AUTHORIZING THE MAYOR AND THE FINANCE DIRECTOR TO ENTER INTO AN AGREEMENT WITH GLENCAIRN CORPORATION TO PROVIDE SERVICE FOR A FORCE MAIN TO SERVICE NINE (9) HOUSING UNITS TO BE LOCATED ON CHAPELTON COURT DRIVE AND DECLARING AN EMERGENCY

WHEREAS, the Village of Richfield, by previous agreement, has authorized a waiver of its policy not to extend utilities into the Township for the purposes of extending sewer service into the Glencairn Subdivision; and

WHEREAS, the Mayor has received a request from the Glencairn Corporation to provide service to a private force main which will service nine (9) housing units to be located on Chapelton Court Drive; and

WHEREAS, the Village has received a proposal from Finkbeiner, Pettis & Strout, Inc. for servicing of the private force main.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Village of Richfield, Summit County, State of Ohio:

SECTION 1. That the Mayor and the Finance Director be, and they hereby are, authorized and directed to enter into an agreement with the Glencairn Corporation to provide service to a private force main to service nine (9) residential units on Chapelton Court Drive in accordance with the proposal of the Glencairn Corporation attached hereto as Exhibit "A" and further in accordance with the engineering recommendation of Finkbeiner, Pettis & Strout, Inc. as set forth in Exhibit "B".

SECTION 2. That the form of the agreement shall be in such form as shall be acceptable to the Law Director of the Village.

SECTION 3. This Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public health, safety and welfare and for the further reason that it is immediately necessary in order to be effective to provide service to a house under construction; wherefore, provided this Resolution receives the affirmative vote of two-thirds of the members of Council elected or appointed, it shall take effect immediately upon its passage and execution by the Mayor;

otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

PASSED: February 19, 2002

May W. Peggy Malose
President of Council

Donald W. Lassen
Mayor

Dated: 2/19/2002

ATTEST:

Carole Gibson

Clerk of Council

**Village of Richfield
4410 W. Streetsboro Rd.
Richfield, Ohio 44286**

**(330) 659-9201 Ext. 5
(330) 659-6935 Fax**

Memo

To: All of Council
From: Melanie A. Tibbs, Service Director
CC:
Date: 2/1/02
Re: Proposed contract with Glencairn for Chapelton Court.

Please find attached a map of the proposed layout of the development of Chapelton Court in Glencairn. This private drive is to have 9 units on it. Each unit will have a private individual grinder pump that will flow into a low pressure force main, which will pump the effluent up to the man hole dedicated to the Village of Richfield.

This is a slight departure from how all of our current sanitary sewers work. We primarily have gravity sewers that are then pumped to Brecksville Road and then pumped to the Cuyahoga County Border and out to NEORSD.

Since this proposed sewer is a viable type of sanitary sewer but out of our realm of operation, Mr. Biggar and Glencairn has agreed to maintain ownership and responsibility of this portion of the sewer.

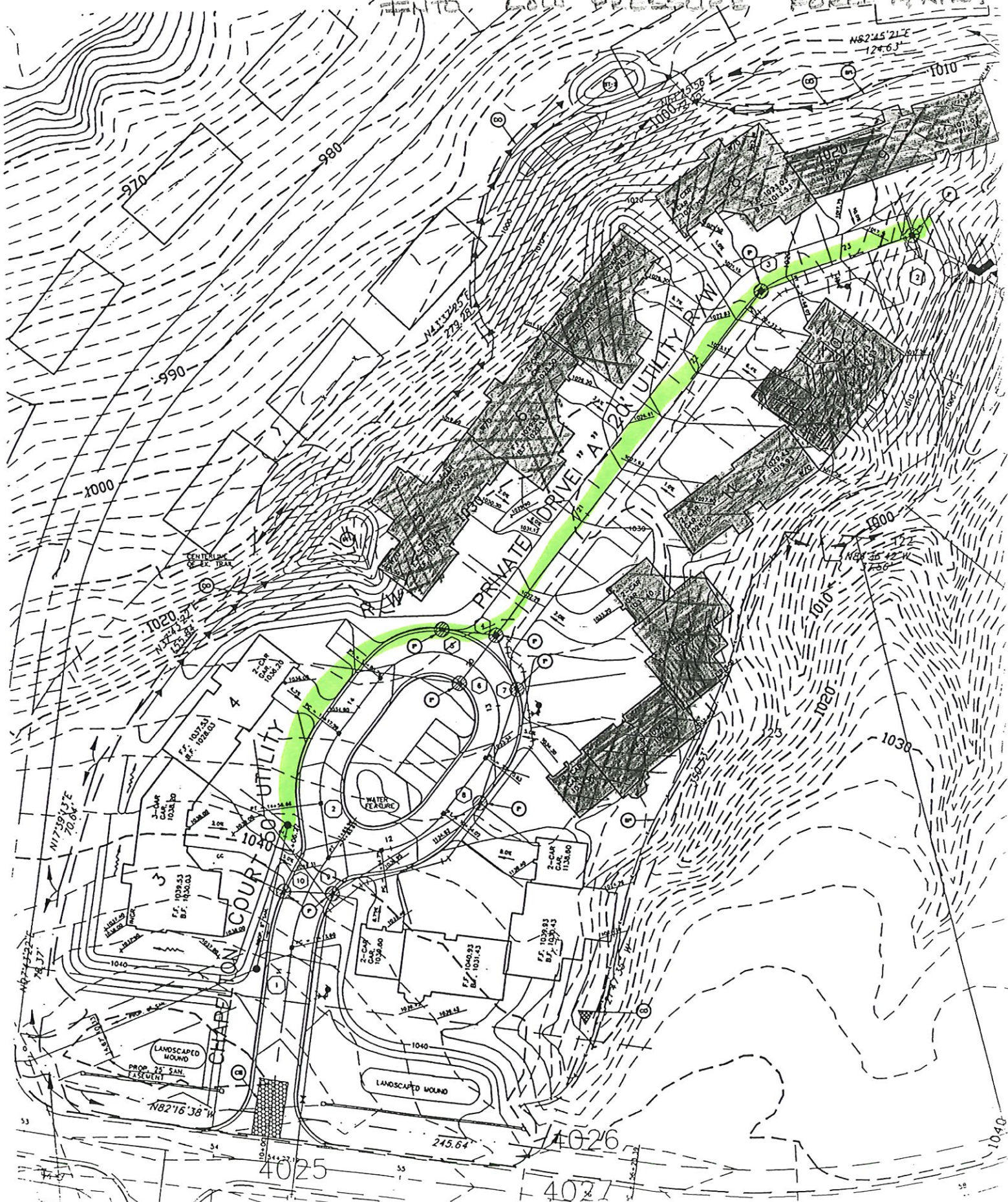
I have asked Mr. Riehl to prepare legislation as per the Mayor and it is my hopes that we will have a draft for first reading only on Tuesday, February 5, 2002.

If you should have any questions, please feel free to contact me.

CHAPELTON COURT

EXHIBIT "A"

9 PRIVATE UNITS
INDIVIDUAL GRINDER PUMPS
INTO LOW PRESSURE FORCE MAIN



FINKBEINER, PETTIS & STROUT, INC.

November 23, 2001

CONSULTING ENGINEERS
ESTABLISHED 1900
100 COURTHOUSE SQUARE
310 WEST LAKESIDE AVENUE
CLEVELAND, OHIO 44113-1021
216-781-6177
216-781-6243 FAX

Ms. Melanie Tibbs, Service Director
Village of Richfield
Village Hall
4410 W Streetsboro Road
Richfield, Ohio 44286

Re: Richfield, Ohio
General

Dear Ms. Tibbs:

This correspondence is to comment on the proposed low pressure sewer system for the Chapleton Court project. It is our understanding that the developer is proposing to use this type of system in lieu of a gravity system with a central pumping station and a force main.

The concept of using a low pressure sewer system has been around for a long time. It mainly consists of a low pressure force main header and individual pumping units. The header is installed in the right-of-way like a sanitary sewer but at a shallower depth, typically at 4 to 5 feet of cover. Individual pumping units are located at each residence and these pump into the header. The header is proposed to discharge into the existing gravity sanitary sewer on Chapleton Court and West Galloway Drive.

At this time, the Village does not own and maintain a similar system. The Village capabilities are geared towards a more typical pumping station and gravity system. The issue with the ownership of the pumping units and the low pressure header must be addressed. If the header and pumping units are to be privately owned then the Village's responsibility would be limited to the gravity sewer portion. However, if the Village is responsible for components of the low pressure system then the Village is taking additional maintenance responsibilities that the staff is not familiar with. Training and stocking of special spare parts would be required to facilitate maintenance. Operation of this system has a limitation because of the electric energy needs. If electrical power is out, then the system has a limited holding capacity. This limitation is addressed in a central pumping station approach by the use of stand-by power.

Setting precedence by accepting any and every type of sewer collection system also needs to be addressed. The Village have been trying to standardized on wastewater systems to maximize maintenance, spare parts, etc...

Hopefully the above addresses your concerns. We are available to further discuss this issue with you and your staff at your convenience.

Sincerely,



Said W. AbouAbdallah, P.E.

SWA/



Glencairn Corporation

James M. Biggar
Chairman & CEO

January 24, 2002

Mayor Donald Larsen
Village of Richfield
4410 West Streetsboro Road
Richfield, Ohio 44286

Dear Mayor Larsen:

As a follow up to our phone call earlier this week, the Chapelton Home Owners Association of Glencairn Forest will be responsible for all maintenance on the common low pressure sanitary pipe used for the nine homes on the northerly end of Chapelton Court. Each of these homes will have their own grinder pumps which will pump sewage from the individual homes to the common lines with appropriate check valves for these individual lines. The system, commonly used throughout Ohio, was designed by Spagnuolo & Associates and reviewed last November by Finkbeiner, Pettis & Strout, Inc.

The Village's only possible responsibility for maintenance of this system would be at the point of connection of the homeowner's line to the regular Village-operated sewer pipe in the right-of-way of Galloway Drive. Currently, there are other individual grinder pumps used by homes in Glencairn Forest (in both the single-family and cluster areas) which discharge into the overall sewer system. We will shortly be requesting a sewer permit for one of these Chapelton Country Homes.

During our conversation you indicated that your service department felt we had not completed several items to which we had agreed in meeting some time ago. We feel we have fulfilled these obligations, namely:

1. We agreed to provide a hoist as specified by the Village Service Department. They have since selected a hoist, billed us for the hoist and been paid in full for the hoist.
2. It was requested that we remove some trees near the pump station and regrade part of the area. This was completed.
3. It was agreed that we would provide a back-up generator as soon as there were 100 homes (including both single-family and cluster) using the system. This we will provide when another 15 homes have been built - probably in 2003.

We hope this letter clears up the matter and that there will be no delays in approvals for the new Chapelton Court units.

Many thanks for your prompt response to my call.

Sincerely,

A handwritten signature in black ink that reads "James M. Biggar". The signature is written in a cursive style with a long, sweeping tail.

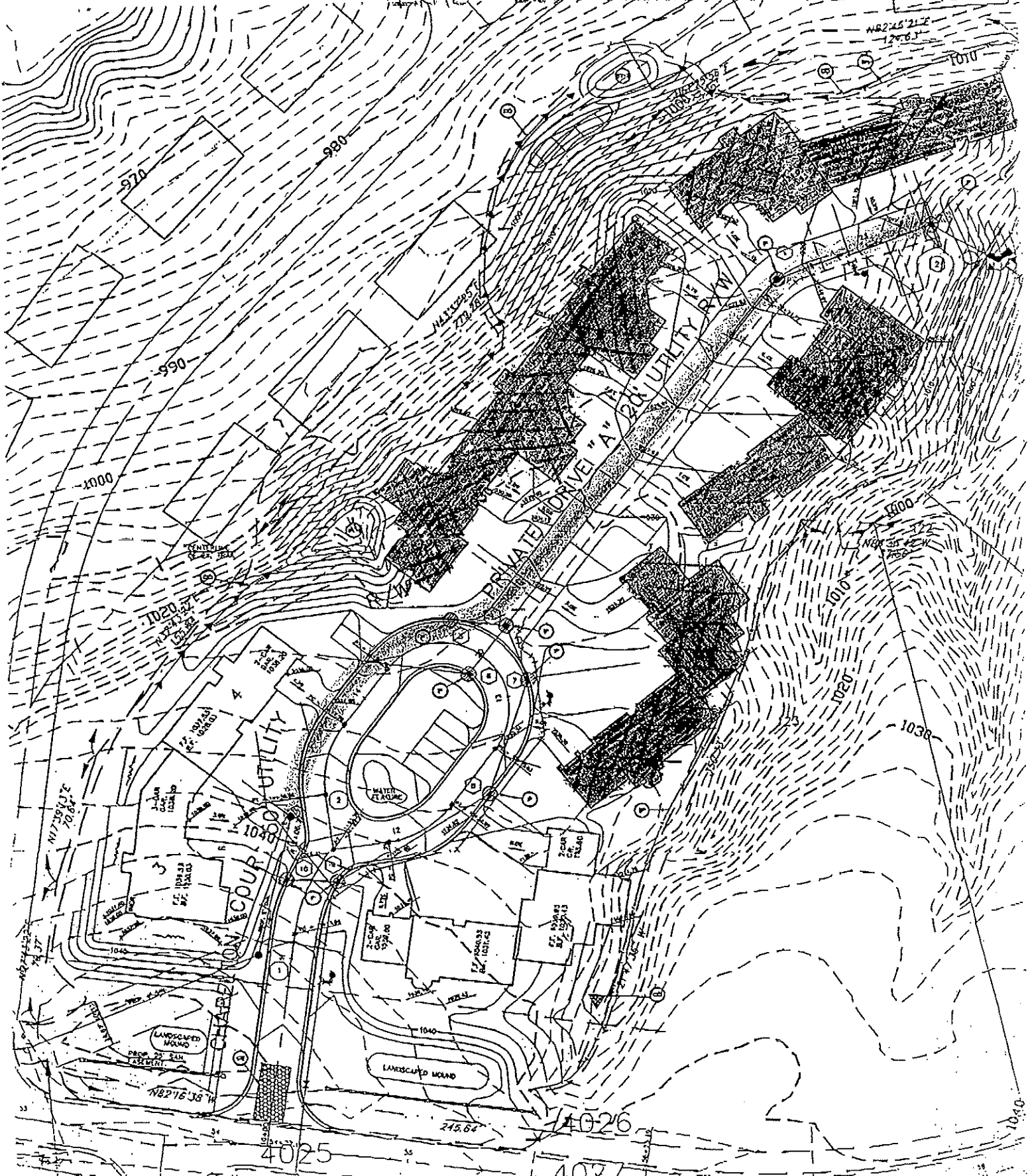
James M. Biggar

JMB: pm

CHAPELTON

9 PRIVATE UNITS

INDIVIDUAL GRINDER PUMPS SEWER MAIN, FORCE MAIN



FINKBEINER, PETTIS & STROUT, INC.

November 23, 2001

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Said W. AbouAbdallah, P.E.

SWA/