

Industrial Construction Co., Inc.

CHEMICAL PLANTS
RUBBER PLANTS
POWER PLANTS
CARBON BLACK PLANTS

P. O. BOX 5456 -- PHONES 439-3400 ' 436-9468

LAKE CHARLES, LOUISIANA 70606

REFINERIES
GASOLINE PLANTS
COMPRESSOR STATIONS
PIPE LINES

February 6, 1986

Alternate #1 - Using Kynar pipe and fittings:

Delivery time on Kynar is 14 days. Estimated number of calendar days to complete project after delivery of pipe and fittings is 21 days.

Total days to complete after notification of successful contractor is 35 days.

Alternate #2 - Using Conley Furan pipe and fittings:

Delivery time on Furan is 28 days. Estimated number of calendar days to complete project after delivery of pipe and fittings is 21 days.

Total days to complete after notification of successful contractor is 49 days.

We hope this meets with your approval.

Yours very truly,

Charles Boudreaux
Charles Boudreaux

CB/bw

CWH 000000363

PROPOSAL

To: Vista Chemical Company

VISTA

Attention: Mr. Guy Bergeron
P. O. Box 727
Westlake, La. 70669

Date February 6, 1986

Dear Sir:

Having carefully examined the Instructions to Bidders, all conditions of Contract form V3-9-S and the Basis of Bids for Redirection of Laboratory Sink Drain to T-110

as well as the premises and the conditions affecting the work, the undersigned proposes to furnish all necessary materials, labor, equipment, tools, transportation, services, etc., for completion of the work in accordance with above documents for the sum of:

_____ DOLLARS
(\$ See Below).

If notified of the acceptance of this proposal within thirty (30) days of the time set for receiving the bids, the undersigned agrees to execute a contract on the accompanying contract forms and the conditions thereof.

The estimated number of calendar days to complete this project is * days. *See Attached Sheet

The estimated field labor man-hours up to and including the level of General Foreman or equivalent supervisor to complete this project is 620

The undersigned is registered as a federal and state employer, with employer's registration numbers as follows:

Federal 72-0387488

State 37262

*State License No. 6

Very truly yours,

Charles Boudreau

Title Estimator

Company Industrial Constr. Co., Inc.

Corporation

(Designate as Corporation, Partnership or Individual)

MAILING ADDRESS:

P. O. Box 5456
Lake Charles, La. 70606

ALTERNATES

Alternate I - Using Kynar Pipe and Fittings - Lump Sum Price of \$38,200.00

Alternate II - Using Conley Furan Pipe and Fittings - Lump Sum Price of \$30,650.00

Alternate III

*If this contract is to be consummated in the State of Louisiana, the state license number shall be inserted in the blank provided above and shown on the bid envelope. The following certification must also be completed:

I, Charles Boudreau do hereby certify that Industrial Constr. Co., Inc.
Charles Boudreau (Signature) (Contractor)

is currently licensed under Louisiana Statutes Annotated-Revised Status Title 37, Chapter 24, as amended, as a Contractor in the State of Louisiana.

Industrial Construction Co., Inc.

CHEMICAL PLANTS
RUBBER PLANTS
POWER PLANTS
CARBON BLACK PLANTS

P. O. BOX 5456 -- PHONES 439-3400 ' 436-9468

LAKE CHARLES, LOUISIANA 70606

REFINERIES
GASOLINE PLANTS
COMPRESSOR STATIONS
PIPE LINES

February 6, 1986

Alternate #1 - Using Kynar pipe and fittings:

Delivery time on Kynar is 14 days. Estimated number of calendar days to complete project after delivery of pipe and fittings is 21 days.

Total days to complete after notification of successful contractor is 35 days.

Alternate #2 - Using Conley Furan pipe and fittings:

Delivery time on Furan is 28 days. Estimated number of calendar days to complete project after delivery of pipe and fittings is 21 days.

Total days to complete after notification of successful contractor is 49 days.

We hope this meets with your approval.

Yours very truly,

Charles Boudreaux

Charles Boudreaux

CB/bw

CWH 000000365

Interoffice
Communication

To: M. L. Ashby

From: S. V. Corkran
Date: October 31, 1985

Subject: Laboratory Sink Drainage System Revision
FINAL ISSUE

VISTA

The attached design specifies the redirection of the laboratory sink drainage flow into T-110. This stream currently flows into the sanitary sewer system. Because of the various chemicals in this stream, it is unsuitable for the sewer system. This project will involve the installation of a new line and a block valve to close off the existing line.

This project will be funded by miscellaneous under \$15M funds. By copy of this to J. R. Holcomb, a definitive estimate is requested.

I can be reached at ext. 5026 for questions or comments.

Sandra Corkran

S. V. Corkran
Process Engineer

br

cc: RAC-PEM-GEH-JRH-MLA-MCM-WPS-PE
MGH (LCCP)

CWH 000000366

Discussion

The laboratory sinks drain into an underground storage tank from which the water is currently pumped through a line leading into the sanitary sewer system. This sink drainage also includes disposed lab samples. Keeping organics from entering this sewer line is consistent with Vista's policy of eliminating potential sources of groundwater contamination.

To prevent organics from entering this sanitary sewer line, the line carrying the water and chemicals from the storage tank will be rerouted into T-110. The line will be split at a point closest to T-110 and the existing line will be blocked with a block valve. A new 3" Kynar line will run from this point directly into T-110. This water will flow from T-110 into the steam stripper and wastewater treatment and will bypass the sewer system completely, thus eliminating any potential for groundwater contamination.

Work List

- 1) Install a 3" tee on the existing line at the northeast corner of the main control room.
- 2) Install a 3"-150# diaphragm block valve immediately downstream of the tee in Item 1 in the existing line.
- 3) Run a 3" Kynar line from the tee in Item 1 through the piperack to the block valve on the existing nozzle on the south side of T-110. Include a 3/4" bleed valve downstream of the tee in Item 1, and a 3/4" bleed valve and a 3"-150# check valve upstream of the block valve on T-110.

CWH 000000368

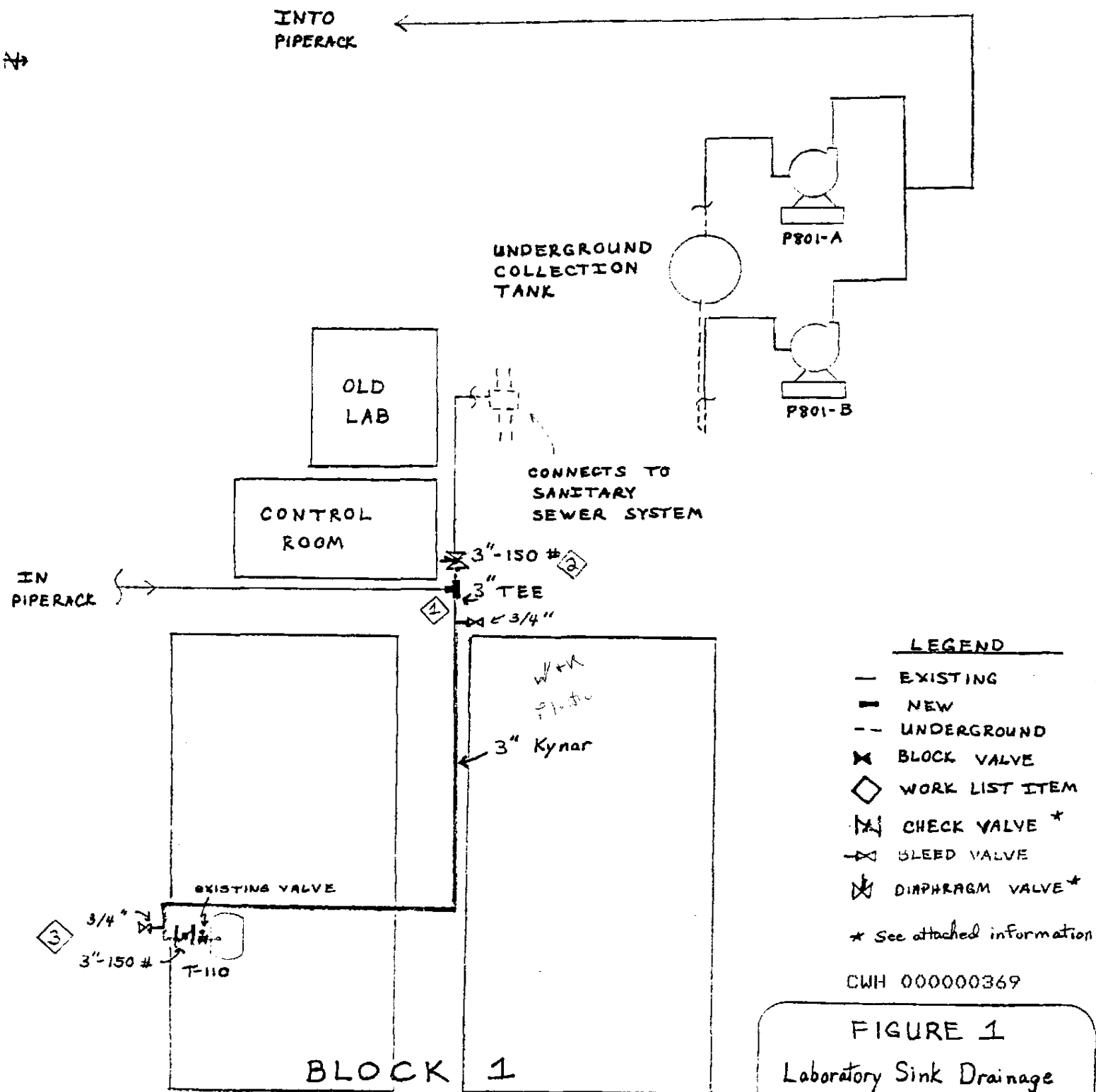


FIGURE 1
 Laboratory Sink Drainage
 System Revision
 Drawn By: S.V. Corkran
 Date: 10-24-85