



I.M.T.C., Inc.

P.O. Box 69 • Westlake, Louisiana 70669 • (318) 436-3788

March 24, 1986

Vista Chemical Corp.
VCM Plant
P.O. Box 609
Westlake, LA 70669

John Tillman
3/24/86

ATTENTION: Mr. Guy Bergeron

SUBJECT: Proposal for Surface Drain North of T-2 Pit

Dear Guy,

Per your request, we propose to install the underground surface drain per your sketch with the following exclusions and conditions.

- A) Assume existing tie-in points T-1 and T-2 have adequate pipe existing to tie new pipe onto.
- B) We propose to use prefabricated manhole catch basins nominal size of 24"X24"X32" deep with bottom and top. Cost \$375.00 each.
- C) Assume elevations of existing ductbanks do not interfere with routing of new 12"Ø drain pipe.
- D) Assume little or no hand excavation around existing ductbanks.
- E) Assume purchase of 60 cy's of fill clay to replace scrap dirt, pipe and slit in existing sewer to be removed from points J-2 and T-2.
- F) Assume purchase of 20 tons of limestone to replace on road 2 inches thick.
- G) Assume 4 man crew - 5-8 hr. work days to complete project.

Total cost of Base Bid above is: Eight thousand Eight hundred Fifty dollars & No/100-----(\$8,850.00).

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Industrial, Maintenance, Turnarounds & Constructors
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Alternate No. 1 -

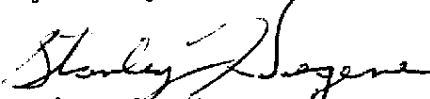
After reviewing the scope of work we propose Alternate No. 1 (See Sketch No. 1 attached). This proposal, we believe, will give you more flexibility with respect to underground obstructions (i.e. electrical ductbanks and existing pipe). Alternate No. 1 is based on the following conditions.

- A) Use of 3 ea. prefabricated manholes as shown on sketch No. 1.
- B) Allowance for hand excavation under existing ductbanks and pipe to achieve proper water flow.
- C) Removal of existing abandon sewer line between J-3 and T-2 and purchase of new clay fill and limestone for surface of road.
- D) Assume tie-in points T-1 and T-2 will require some modifications to allow for new tie-ins.
- E) Assume 4 man crew - 2 wks to complete excavation, backfill and installation of new pipe and catch basins.

Total cost of Alternate No. 1 above is: Twelve thousand Eight hundred dollars & No/100-----(\$12,800.00).

Again Alternate No. 1 takes into account the possibility of lost time due to unknown underground obstructions, bad pipe at tie-in points, replacement and compaction of dirt around new corrugated pipe. We believe that the true cost should be somewhere between the base bid cost and Alternate No. 1. We would be happy to discuss our proposal with you further. Also, we would be reseptive to doing this project on a cost plus basis. We propose to use Mr. Ken McManus as our lead man on this project. If you have any further questions, please contact this office.

Very Truly Yours,

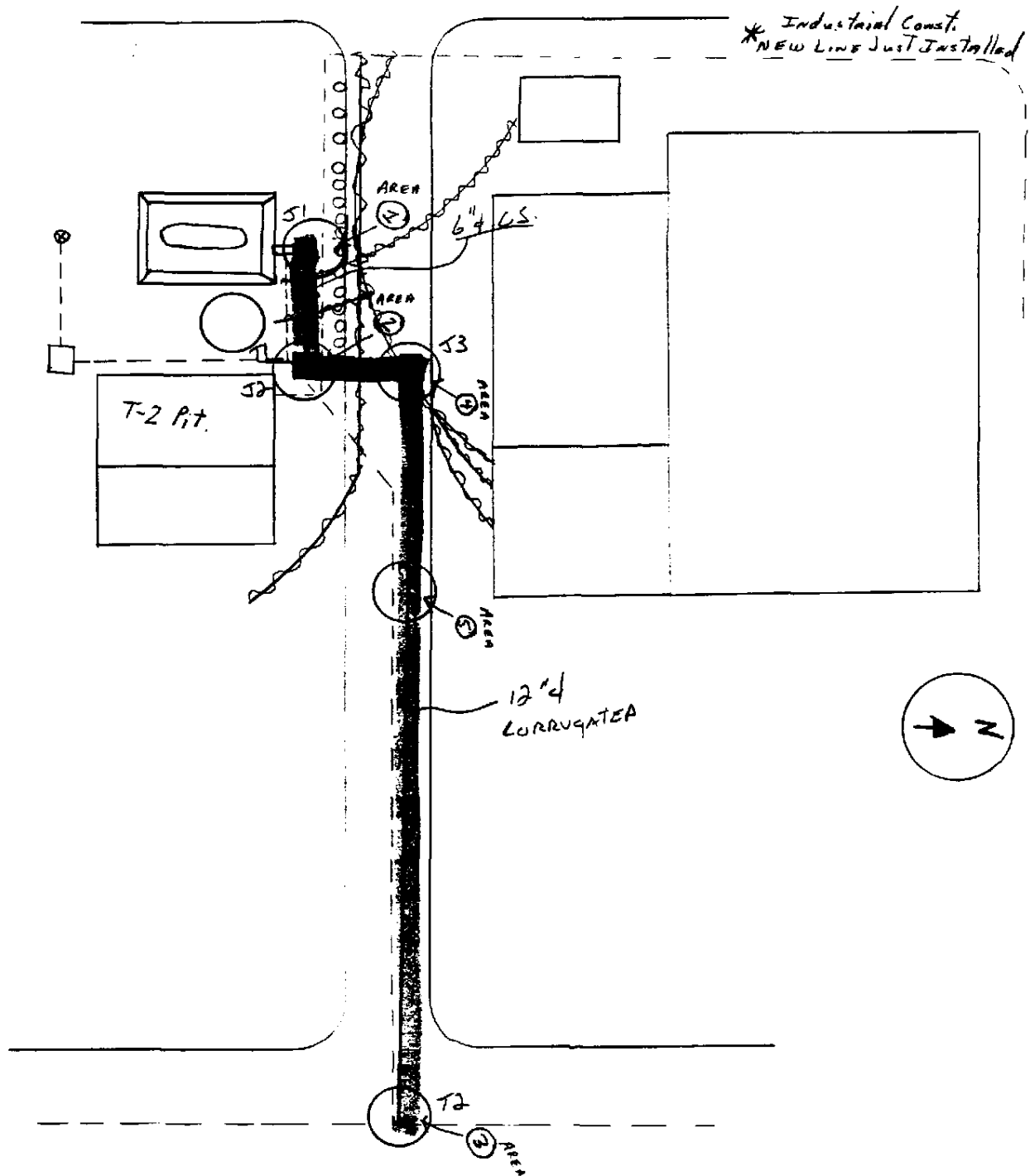

Stanley A. Hegener
President

SH/cb

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SKETCH No 1



NEW
CATCH
Basin.
 Existing
Pipe
 NEW
Pipe
 Elec. Duct.
 Grains

3 NEW catch Basins
 40' ton- of 6" carbon steel Pipe
 200' of 12" galvanized corrugated pipe
 60 yds of New dirt
 20 TON of NEW limestone

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We propose starting in area (1) with a new Catch Basin going to area (2) with 4" carbon steel pipe to another Catch Basin from area (2) to area (4) with 12" pipe to another Catch Basin. From area (4) to area (3) this is considered area (5) a 12" line continuing to an already existing tie-in point.

We will include removal of all spoiled dirt and old pipe from the site to another location in the plant. Placement of all new dirt in the ditch and new area limestone, for the road and proper drainage at the Catch Basin.

The elevations of the Electrical Duct Banks are unknown. We have considered them to be at an elevation where proper drainage cannot be achieved and excessive digging may be required.

12" pipe will be corrugated, galvanized, with tar coating.
4" pipe will be carbon steel coated and wrapped.
Catch Basins - pre-formed 32" deep 2' X 2' with grating on the tops.
Limestone will be 3/4" road base grade.

Conditions at tie-in points are unknown.
Assume the Worst!

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