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October 21, 2011

Mr. Michael Hensgens
Deere Park, Inc.
P.O. Box 321
Crowley, LA 70527

Re: Deere Park, Inc.
Sewer System
File No.: 7577-08

Dear Mr. Hensgens:

We recently prepared a proposed sewer collection and treatment plan and cost estimate for your use in obtaining certification of your site with the State. This plan was for a collection system to serve the entire subdivision and then for a 50,000 gallon per day package treatment plant. An outline of the proposed improvements are as follows:

Option I - Collection System for Entire Subdivision + Package Treatment Plant

This option would provide 8" gravity sewer mains and manholes along Moline Avenue, Waterloo Avenue and Deere Park Drive. This collection system would convey the sanitary sewer from each of the 9 lots in Deere Park to a pump station and then to a 50,000 gallon per day package treatment plant. This would enable a tenant at any lot within the development to have sewer service.

The estimated cost for construction and engineering would be \$775,000. This system could be constructed and be operational within six (6) months after authorization to proceed.

Option II - Package Treatment Plant Only

Should a single location within the development require sewer service, this option would provide a 50,000 gallon per day package treatment plant for this location. The collection system to serve the remaining lots would not be required but could be constructed at a later date if required.

The estimated cost for construction and engineering for this option would be \$575,000. This system could be constructed and operational within six (6) months after authorization to proceed.

I hope that the above information provides you with the required information for site certification. Should you have any questions or require any additional information, please do not hesitate to contact me.

Sincerely,
SELLERS & ASSOCIATES, INC.

TODD A. VINCENT, MS, PE, PLS

TAV\MHensgens 102111.wpd

SECT. 36, T-11-S, R-3-E
SECT. 1, T-12-S, R-3-E

OFFSHORE TECHNOLOGY

BROOKE BERNARD

LYMAN MEAUX
OR ASSIGNS

☐ CORDELL ROAD (60' R/W)

APPROXIMATE SECTION LINE

☐ U.S. HWY. 167

☐ NORTHBOUND LANE U.S. HWY. 167

US Hwy 167

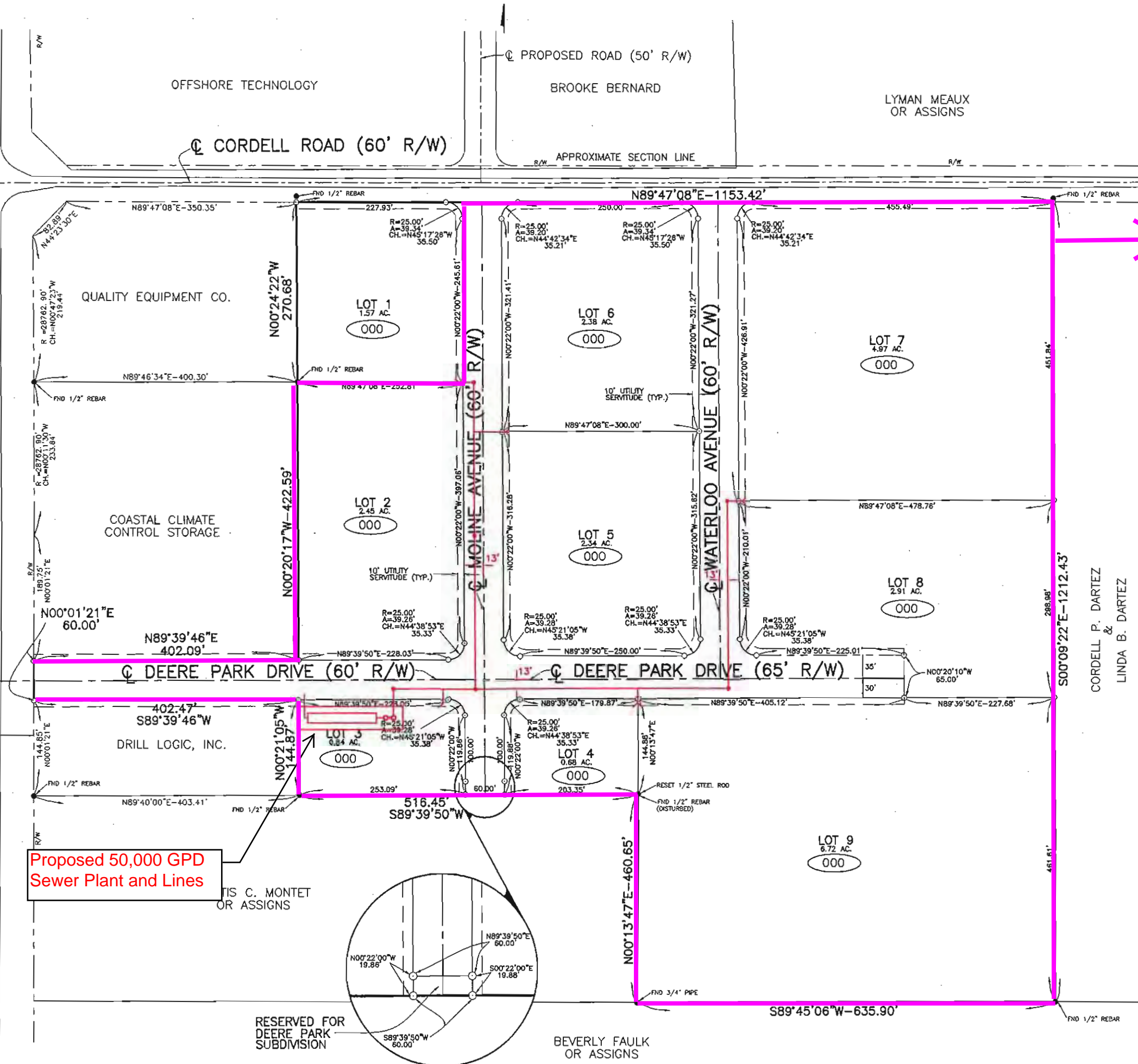
Proposed 50,000 GPD
Sewer Plant and Lines

TIS C. MONTET
OR ASSIGNS

RESERVED FOR
DEERE PARK
SUBDIVISION

BEVERLY FAULK
OR ASSIGNS

Boundary Lines



FLOOD NOTE:

Deere Park Subdivision Sewer System

Item No.	Description	Units	Quantity	Unit Price	Extension
1	8" PVC SSP (0-5')	Lin. Ft.		25.00	\$ -
2	8" PVC SSP (5'-6')	Lin. Ft.		29.00	\$ -
3	8" PVC SSP (6'-7')	Lin. Ft.	748	32.00	\$ 23,936.00
4	8" PVC SSP (7'-8')	Lin. Ft.	553	36.00	\$ 19,908.00
5	8" PVC SSP (8'-9')	Lin. Ft.		38.50	\$ -
6	8" PVC SSP (9'-10')	Lin. Ft.		42.00	\$ -
7	8" PVC SSP (10'-11')	Lin. Ft.		45.00	\$ -
8	6" PVC SSP	Lin. Ft.	161	16.50	\$ 2,657.00
9	4" PVC SSP	Lin. Ft.		13.00	\$ -
10	Jack or Bore 6" PVC SSP	Lin. Ft.	26	16.50	\$ 429.00
11	4" Force Main	Lin. Ft.	25	9.00	\$ 225.00
12	2" Force Main	Lin. Ft.		12.00	\$ -
13	Manhole (0-5')	Each		2200.00	\$ -
14	Manhole (5'-6')	Each	1	2640.00	\$ 2,640.00
15	Manhole (6'-7')	Each	2	2860.00	\$ 5,720.00
16	Manhole (7'-8')	Each	3	3080.00	\$ 9,240.00
17	Manhole (8'-9')	Each		3300.00	\$ -
18	Manhole (9'-10')	Each		3520.00	\$ -
19	Service into manhole	Each	3	550.00	\$ 1,650.00
20	8"x 6" Wye	Each	3	82.50	\$ 248.00
21	6"x 4" Wye	Each	9	77.00	\$ 693.00
22	4"x 4" Wye	Each		71.50	\$ -
23	6"x 45° Bend	Each	3	12.00	\$ 36.00
24	4" Bends	Each		11.00	\$ -
25	6" Plug	Each	6	27.50	\$ 165.00
26	4" Plug	Each	9	24.00	\$ 216.00
27	Clean Out (Public)	Each		137.50	\$ -
28	Clean Out (Private)	Each		137.50	\$ -
29	Connect to Existing House Plumbing	Each		126.50	\$ -
30	Limestone for maintenance	Ton	410	71.50	\$ 29,315.00
31	Remove and Replace Asphalt Street	Sq. Yd.	85	110.00	\$ 9,350.00
32	Remove and Replace Concrete Drive	Sq. Yd.		93.50	\$ -
33	Mobilization	Lump Sum	1	11000.00	\$ 11,000.00
34	50,000 GPD Package Plant	Each	1	430000.00	\$ 430,000.00
35	Pump Station (3 HP, 12' Depth)	Each	1	70000.00	\$ 70,000.00
	Total Construction Estimate				\$ 617,428.00
	Engineering & Contingencies (25%)				\$ 154,357.00
	Total Project Cost Estimate				\$ 771,785.00
	Rounded To				\$ 775,000.00