

INTRACITY COMMUNICATION

April 7, 2008

TO: RHONDA CLARK – SPSS

DEERBROOK – FIFTH PLAT

SITE GRADING

Engineering Studies indicate the following lots will be adjacent to areas where storm water runoff will be concentrated during storms in excess of the 5-year design storm.

An engineered plot plan, sealed by a Kansas professional engineer or registered land surveyor, will be required for each lot and must include size, location and grades for overflow swales, elevations for openings around the perimeter of the house and contours indicating yard grading. Plans shall be designed such that all openings will be a minimum of **1 foot above the 100-year energy grade line elevations.**

<u>LOT</u>	<u>SWALE</u>	<u>EGL DEPTH, FEET</u>
94	C-C	0.63
100	B-B	0.90
101	B-B	0.90

MLO SET BY ENGINEER

The following lots are adjacent to large open stormwater conveyances which requires freeboard for all building openings and tops of foundation walls. An engineered plot plan is required for these lots which show the minimum low opening established on the subdivision as-built grading plan and actual proposed building openings and top of foundation wall elevations.

<u>LOT</u>	<u>MLO (All building Openings)</u>
94	1028.4
95	1026.1
96	1020.8
97	1016.8

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LOTS (con't)

MLO (All building Openings)

98	1015.1
99	1014.5
100	1010.4
101	1014.1
102	1018.3
113	1037.0

If you have any questions, please contact me at 895-6182.

Berry Lutz
Senior Engineering Technician

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c: Tony Meyers, SupvCE
Edward Schlagel, P.E. - Schlagel & Associates, P.A.
Midwest Development Land Company, L.L.C.
Flood File: Deerbrook - Fifth Plat
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