

INTRACITY COMMUNICATION

February 1, 2007

RHONDA CLARK – SPSS

WILSHIRE FARMS – THIRD PLAT, FOURTH PLAT AND EASTLAND ESTATES

SWALE GRADING

The following lots include, or are adjacent to engineered swales designed for purposes of stormwater conveyance. An engineered plot plan is required for these lots in conformance with City requirements.

Minimum Low Openings must be a minimum of 1 foot above the 100-year storm energy grade line as measured perpendicular to the swale.

| <u>Lot</u> | <u>Section</u> | <u>EGL Depth (ft)</u> |
|-------------------|-----------------------|------------------------------|
| 147 | R-R | 0.59 |
| 148 | R-R | 0.59 |
| 149 | S-S | weir |
| 150 | S-S | weir |
| 151 | T-T | weir |
| 152 | T-T | weir |
| 157 | U-U | 0.54 |
| 158 | T-T | weir |
| 158 | U-U | 0.54 |
| 159 | T-T | weir |
| 161 | S-S | weir |
| 162 | S-S | weir |
| 163 | R-R | 0.59 |
| 164 | R-R | 0.59 |
| 167 | N-N | 0.67 |

| <u>Lot (con't)</u> | <u>Section</u> | <u>EGL Depth (ft)</u> |
|--------------------|----------------|-----------------------|
| 168 | N-N | 0.67 |
| 169 | N-N | 0.67 |
| 169 | O-O | 0.55 |
| 170 | O-O | 0.55 |
| 171 | O-O | 0.55 |
| 171 | P-P | 0.65 |
| 171 | P1-P1 | weir |
| 172 | P-P | 0.65 |
| 173 | O-O | 0.55 |
| 173 | P-P | 0.65 |
| 173 | P1-P1 | weir |
| 177 | Q-Q | 0.80 |
| 178 | Q-Q | 0.80 |
| 181 | V-V | 0.75 |
| 182 | V-V | 0.75 |
| 184 | K-K | 1.01 |
| 185 | K-K | 1.01 |
| 186 | J-J | 0.95 |
| 187 | J-J | 0.95 |
| 188 | J-J | 0.95 |
| 189 | J-J | 0.95 |
| 190 | J-J | 0.95 |
| 191 | J-J | 0.95 |
| 191 | K-K | 1.01 |

| <u>Lot (con't)</u> | <u>Section</u> | <u>EGL Depth (ft)</u> |
|--------------------|----------------|-----------------------|
| 192 | I-I | 0.25 |
| 192 | K-K | 1.01 |
| 193 | F-F | 1.39 |
| 193 | I-I | 0.25 |
| 194 | H-H | 0.49 |
| 194 | H1-H1 | weir |
| 195 | G-G | 0.41 |
| 197 | G-G | 0.41 |
| 198 | G-G | 0.41 |
| 199 | E-E | 1.31 |
| 199 | H-H | 0.49 |
| 199 | H1-H1 | weir |
| 200 | E-E | 1.31 |
| 202 | D-D | 1.21 |
| 203 | D-D | 1.21 |
| 210 | C-C | 1.11 |
| 211 | C-C | 1.11 |
| 211 | D-D | 1.21 |
| 218 | B-B | 0.56 |
| 219 | B-B | 0.56 |
| 219 | A-A | 0.41 |
| 223 | A-A | 0.41 |
| 224 | A-A | 0.41 |
| 230 | M-M | weir |

| <u>Lot (con't)</u> | <u>Section</u> | <u>EGL Depth (ft)</u> |
|--------------------|----------------|-----------------------|
| 231 | M-M | weir |
| 236 | W-W | 0.69 |
| 237 | W-W | 0.69 |
| 237 | Existing O-O | 0.79 |
| 238 | Existing O-O | 0.79 |
| 239 | Existing O-O | 0.79 |
| 240 | Existing N-N | 0.80 |
| 241 | Existing N-N | 0.80 |
| 242 | Existing N-N | 0.80 |
| 243 | Existing N-N | 0.80 |
| 244 | Existing N-N | 0.80 |
| 245 | Existing M-M | 0.65 |
| 246 | Existing M-M | 0.65 |
| 252 (4th Plat) | O-O | 0.55 |

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>Lots</u> | <u>MLO (All building Openings)</u> |
|-------------|------------------------------------|
| 147 | 1060.1 |
| 148 | 1060.1 |
| 149 | 1060.1 |

| <u>Lots (con't)</u> | <u>MLO (All building Openings)</u> |
|----------------------------|---|
| 150 | 1058.6 |
| 151 | 1058.6 |
| 152 | 1058.1 |
| 153 | 1058.1 |
| 159 | 1058.6 |
| 160 | 1058.6 |
| 161 | 1058.6 |
| 162 | 1060.1 |
| 163 | 1060.1 |
| 164 | 1060.1 |
| 170 | 1057.8 |
| 171 | 1057.8 |
| 173 | 1057.8 |
| 194 | 1055.9 |
| 195 | 1055.9 |
| 198 | 1055.9 |
| 199 | 1055.9 |
| 230 | 1069.5 |
| 231 | 1069.5 |

FOUNDATION INVESTIGATION

The following lots are constructed over areas that require special foundation designs to minimize potential for geotechnical related problems. The foundation investigation must be submitted and approved prior to a footing inspection. An Engineered plot plan is NOT required for this condition.

| <u>Lots</u> | <u>Condition</u> |
|--------------------|-------------------------|
| 178 | Fill |
| 179 | Fill |
| 180 | Fill |
| 181 | Fill |

RIGHT-OF-WAY GRADING

The following lots are adjacent to an unimproved thoroughfare and require submission of an engineered plot plan. Grading of the lot frontage along the unimproved thoroughfare must match spot elevations indicated on the subdivision as-built grading plan.

Lots

- 1 Eastland Estates
- 2 Eastland Estates

If you have any questions, please contact me at 913-895-6182.

Berry Lutz, ETsr
mb

c: Tony Meyers, P.E. - Supervisory Civil Engineer
Phelps Engineering, Inc.
Wilshire Farms, L.L.C., 7285 W. 132nd St., Ste. 130, Overland Park, KS 66213
Developer File: Wilshire Farms -Third Plat, Fourth Plat and Eastland Estates