

| AREA DESIGN | AREA ACRES | RESIDENTIAL C = 0.80 | Cx | Ic (min.) | I5 (in./hr.) | I10 (in./hr.) | I100 (in./hr.) | Q5 (cfs) | Q10 (cfs) | Q100 (cfs) |
|-------------|------------|----------------------|------|-----------|--------------|---------------|----------------|----------|-----------|------------|
| A-1 | 3.32 | 3.32 | 1.66 | 10 | 6.30 | 7.20 | 9.80 | 10.46 | 11.95 | 16.27 |
| A-2 | 2.84 | 2.84 | 1.42 | 10 | 6.30 | 7.20 | 9.80 | 8.95 | 10.22 | 13.92 |
| A-3 | 0.37 | 0.37 | 0.19 | 10 | 6.30 | 7.20 | 9.80 | 1.17 | 1.33 | 1.81 |
| A-4 | 1.64 | 1.64 | 0.82 | 10 | 6.30 | 7.20 | 9.80 | 3.17 | 3.59 | 4.84 |
| A-5 | 0.30 | 0.30 | 0.15 | 10 | 6.30 | 7.20 | 9.80 | 0.95 | 1.08 | 1.47 |
| A-6 | 1.37 | 1.37 | 0.69 | 10 | 6.30 | 7.20 | 9.80 | 4.32 | 4.93 | 6.71 |
| A-7 | 0.62 | 0.62 | 0.31 | 10 | 6.30 | 7.20 | 9.80 | 1.95 | 2.23 | 3.04 |
| B-1 | 2.43 | 2.43 | 1.22 | 10 | 6.30 | 7.20 | 9.80 | 7.65 | 8.75 | 11.91 |
| B-2 | 1.50 | 1.50 | 0.75 | 10 | 6.30 | 7.20 | 9.80 | 4.72 | 5.40 | 7.35 |
| B-3 | 1.36 | 1.36 | 0.68 | 10 | 6.30 | 7.20 | 9.80 | 4.28 | 4.90 | 6.66 |
| B-4 | 1.13 | 1.13 | 0.56 | 10 | 6.30 | 7.20 | 9.80 | 3.56 | 4.07 | 5.54 |
| B-5 | 0.67 | 0.67 | 0.34 | 10 | 6.30 | 7.20 | 9.80 | 2.11 | 2.41 | 3.28 |
| C-1 | 18.24 | 18.24 | 9.12 | 10 | 6.30 | 7.20 | 9.80 | 57.46 | 65.66 | 89.38 |
| C-2 | 2.04 | 2.04 | 1.02 | 10 | 6.30 | 7.20 | 9.80 | 6.43 | 7.34 | 10.00 |
| C-3 | 3.85 | 3.85 | 1.93 | 10 | 6.30 | 7.20 | 9.80 | 12.13 | 13.86 | 18.87 |
| C-4 | 1.35 | 1.35 | 0.68 | 10 | 6.30 | 7.20 | 9.80 | 4.25 | 4.86 | 6.62 |
| D-1 | 4.00 | 4.00 | 2.00 | 10 | 6.30 | 7.20 | 9.80 | 12.60 | 14.40 | 19.80 |
| E-1 | 2.27 | 2.27 | 1.14 | 10 | 6.30 | 7.20 | 9.80 | 7.15 | 8.17 | 11.12 |
| F-1 | 1.14 | 1.14 | 0.57 | 10 | 6.30 | 7.20 | 9.80 | 3.59 | 4.10 | 5.59 |
| F-2 | 1.64 | 1.64 | 0.82 | 10 | 6.30 | 7.20 | 9.80 | 5.17 | 5.90 | 8.04 |

ZONING: PD-3
 N. BUTLER SURVEY ABST. No. 21
 A. HANNA SURVEY ABST. No. 95

ZONING: SF-10

NORTH ALAMO ROAD

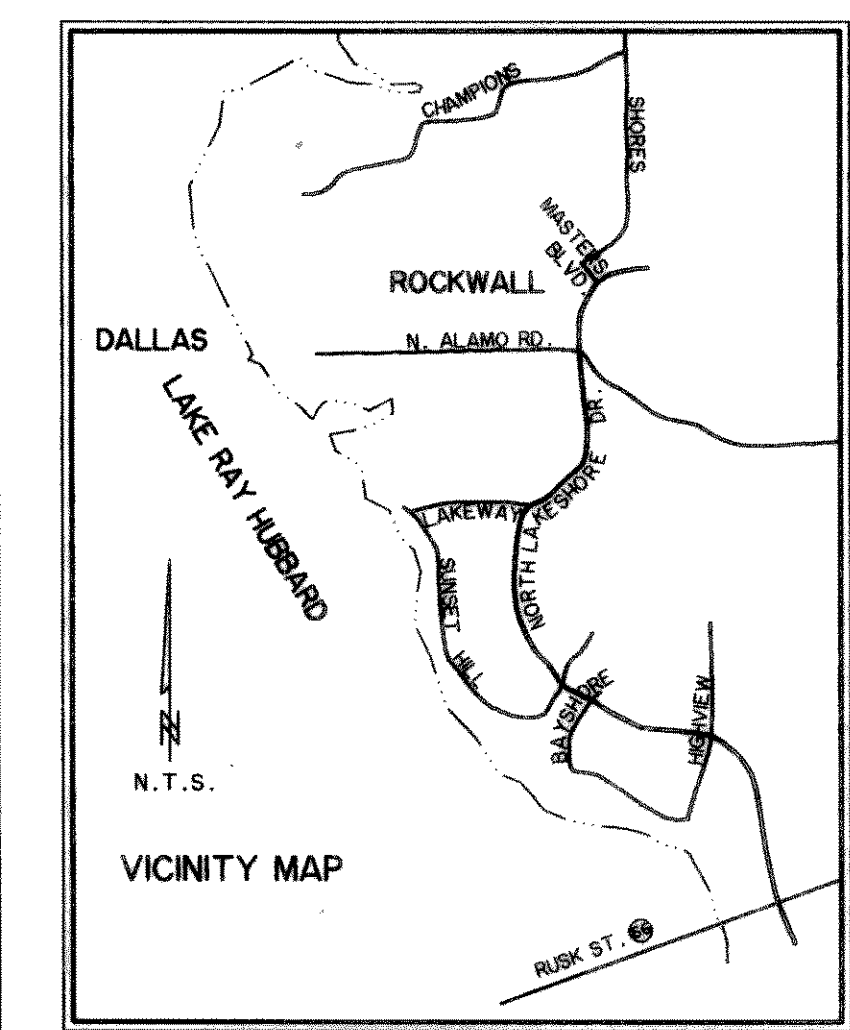
LEGEND

- DRAINAGE AREA DIVIDE
- PUBLIC STORM DRAIN
- EXISTING STORM DRAIN
- AREA DESIGNATION
- AREA IN ACRES
- DESIGN POINT
- INLET NUMBER

ZONING: A

ZONING: A

ZONING: PD-11



LAKE NORMAL POOL

20' TEMPORARY CONSTRUCTION EASEMENT, (0.122 ACRES)

15' DRAINAGE ESMT. (0.166 ACRES)

DESIGN POINT 3

LAKE

RAY

HUBBARD

BLOCK "D"

BLOCK "R"

BLOCK "S"

PROPOSED HILLCREST SHORES PHASE II

EXISTING HILLCREST SHORES PHASE I

HILLCREST SHORES CABINET "O", PAGE 199 P.R.R.C.T. 4

FUTURE PARK

SECTION I

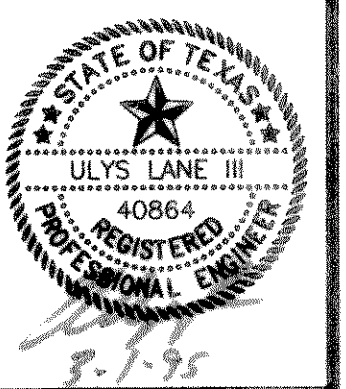


RECORD PLANS SHEET NO. 15

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HILLCREST SHORES
 PHASE II
 CITY OF ROCKWALL,
 ROCKWALL COUNTY, TEXAS

DRAINAGE AREA
 MAP &
 CALCULATIONS



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