N

LAKE RAY HUBBARD

CONST 16'S.Y. CONC. RIP RAP

N3°44'24"W 16.00'

0+05 Ln-"A" Const. Type "B" Hdwl.

PROPOSED 15' DRAINAGE ESMT. (0.0485 Ac. 2111.97 Ft.)

N86°15'36"E 141.87'

S86°15'36"W 137.61'

33" Ln-"A" 30"

100yr Overflow

15' Drainage Esmt

N4°49'27"E 21.38'

S4°49'27"W 16.17'

Conc. Mon. AA-10-3

1+36.74 ℄

Prop 10" San Sew

BLOCK ~"D"

31

30

29

28

2+82.38 Ln-"A" 0+00 Ln-"B" Const. 6' Sq. M.H.

Min Ff. 449.00

Min Ff. 449.80

CITY OF ROCKWALL Take Line

SUNSET HILL LANE

Prop 8" Water

27' Curb & Gutter See Typicals

Prop 8" San Sew

Prop Sta. 0+50 4-10' REC. INLET TC 453.30 IE 448.80

NOTE: CONSTRUCT 4" high 18" Long Water Stops @ Downstream Side OF inlets

Δ = 19°55'13" R = 150.00' T = 26.30' L = 52.06'

Qa = 5.5

Qa = 24.3

24" Ln-"A"

Prop Sta. 0+63 4-10' REC. INLET TC 453.20 IE 448.70

Prop 8" San Sew

FT. 3+76.14

8

7

6

5

4

3

2

1

BLOCK ~"J"

PRC 10+10.03

BC 9+37.97

EC 10+89.73

Prop 6" San. Sew

MONTCLAIR STREET

21" Ln-"A"

71.86'

42.49'

Ex. 18" RCP

Prop. 8" Tee

Qa = 8.42

Prop 6" Water

Prop 8" San Sew

Prop Sta. 2+45 4-15' I.N.L.T. TC 467.30 IE 462.80

Prop 8" San Sew

Ex. 8" San Sew

Ex. 8" San Sew

13

BLOCK ~"G"

14

8

9

BLOCK ~"H"

KNOLLWOOD DRIVE

CHRISTIAN COURT

5

BLOCK ~"I"

Δ = 15°33'49" R = 150.00' T = 20.50' L = 40.75'

NORTH LAKE SHORE DRIVE

Ex. Conc. Pvmt.

0 1 2 3 4 5 6 7 8 9 10 11

LINE-"A"

Ø = 33" Q = 82.26 S = 0.0282 V = 19.85 C = 82.26 Hv = 2.98

Ø = 30" Q = 82.26 S = 0.040 V = 16.76 C = 82.26 Hv = 4.36

Ø = 24" Q = 48.16 S = 0.046 V = 15.33 C = 78.5 Hv = 3.90

Ø = 24" Q = 46.73 S = 0.0408 V = 14.88 C = 75.73 Hv = 3.69

Ø = 21" Q = 40.23 PARTIAL FLOW

Ø = 21" Q = 31.81 PARTIAL FLOW

Prop Grade

Ex. Grd @ ℄

Hg 498.20

Hg 496.90

Hg 495.00

Hg 493.60

Hg 492.10

Hg 491.10

Hg 490.10

Hg 489.10

Hg 488.10

Hg 487.10

Hg 486.10

Hg 485.10

Hg 484.10

Hg 483.10

Hg 482.10

Hg 481.10

Hg 480.10

Hg 479.10

Hg 478.10

Hg 477.10

Hg 476.10

Hg 475.10

Hg 474.10

Hg 473.10

Hg 472.10

Hg 471.10

Hg 470.10

Hg 469.10

Hg 468.10

Hg 467.10

33" DR 2.47 %

30" DR 2.00 %

24" DR 2.45 %

21" DR 3.60 %

21" DR 4.41 %

21" DR 3.00 %

Prop. Sta. 0+00 Invert 435.00 Normal Flow

Prop. Sta. 2+82.38 Invert 429.00

Prop. Sta. 3+32.38 Invert 426.50

Prop. Sta. 3+82.38 Invert 424.00

Prop. Sta. 4+32.38 Invert 421.50

Prop. Sta. 4+82.38 Invert 419.00

Prop. Sta. 5+32.38 Invert 416.50

Prop. Sta. 5+82.38 Invert 414.00

Prop. Sta. 6+32.38 Invert 411.50

Prop. Sta. 6+82.38 Invert 409.00

Prop. Sta. 7+32.38 Invert 406.50

Prop. Sta. 7+82.38 Invert 404.00

Prop. Sta. 8+32.38 Invert 401.50

Prop. Sta. 8+82.38 Invert 399.00

Prop. Sta. 9+32.38 Invert 396.50

Prop. Sta. 9+82.38 Invert 394.00

Prop. Sta. 10+10.03 Invert 392.62

Ex. 18" RCP Invert 392.62

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