

STORM DRAIN STRUCTURE SCHEDULE

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|---|--|---|
| (A) STD. EW-1 ENDWALL
33+98.1 125.0' LT. | (H) STD. DI-3B INLET L= 8'
37+04.82 16.49' LT. | (S) STD. DI-7 W/ TYPE 3 GRATE
11+19.25 457.34' LT. |
| (B) STD. DI-3B INLET L= 14'
33+98.1 16.50' LT. | (J) STD. MH-1 MANHOLE
37+16.34 64.34' RT. | (T) STD. DI-7 W/ TYPE 3 GRATE
10+68.99 214.36' LT. |
| (C) STD. DI-3B INLET L= 12'
12+40.80 16.50' LT. | (K) STD. MH-1 MANHOLE
22+36.36 42.46' LT. | (U) MH-2 MANHOLE
FIELD-ADJUST LOCATION |
| (D) STD. DI-3C INLET L= 16'
21+45.84 16.50' LT. | (L) STD. DI-3C INLET L= 14'
37+99.92 51.79' RT. | (V) 18 L.F. - 15" RCP @ 1.50%
INV. IN = 1274.50 INV. OUT = 1274.23 |
| (E) STD. DI-3C INLET L= 6'
21+45.84 16.50' LT. | (M) STD. DI-7 INLET W/ TYPE 3 GRATE
10+37.76 47.12' LT. | (X) POND OUTLET STRUCTURE
21+53.83 182.06' RT. |
| (F) ENDWALL W/ ENERGY DISSIPATOR
21+ 45.84 179.80' RT. | (N) STD. DI-3B INLET L= 12'
10+50.06 19.63' LT. | |
| (G) 106 L.F. - 18" RCP
INV. IN = 1291.50
INV. OUT = 1287.00 | (P) STD. DI-3A INLET
10+52.35 19.35' RT. | |

PARTIAL WATERLINE SCHEDULE

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|---|
| (W-1) 8"x8"x6" TEE, 8" G.V. & 6" G.V.
12+18.44 2.00' RT. |
| (W-2) 6" - 11.25' HORIZ. BEND
20+22.60 8.00' RT. |
| (W-3) 8"x8"x6" TEE, 8" G.V. & 6" G.V.
34+33.60 6.16' LT. |
| (W-4) 8"x6" REDUCER
34+40.9 5.55' LT. |
| (W-5) 6" - 22.5' HORIZ. BEND
34+58.9 2.72' LT. |

WATER NOTES:

- ALL LOTS SHALL HAVE A PRESSURE-REDUCING VALVE INSTALLED ON THE LATERAL IN A SEPARATE METER BOX. THE PRV SHALL REDUCE PRESSURE TO 80 PSI OR LESS AT THE HOUSE LOCATION.
- PROVIDE 210 L.F. TYPE "A" CHANNEL DETAIL ON SHEET 5

SANITARY SEWER MANHOLES

- | |
|--|
| (101) STA: 12+31.20
OFFSET: 311.87 L |
| (102) STA: 11+67.38
OFFSET: 129.80 L |
| (103) STA: 11+67.38
OFFSET: 32.24 L |
| (104) STA: 12+21.08
OFFSET: 7.28 L |
| (105) STA: 22+17.93
OFFSET: 3.00 L |
| (106) STA: 24+28.71
OFFSET: 81.53 L |
| (107) STA: 39+25.60
OFFSET: 105.28' R |
| (201) STA: 31+87.36
OFFSET: 13.03 R |
| (202) STA: 34+19.11
OFFSET: 4.55 R |
| (203) STA: 37+70.88
OFFSET: 31.21' R |
| (204) STA: 39+61.36
OFFSET: 20.97' L |
| (205) STA: 39+80.65
OFFSET: 26.25' L |

EXIST. 36" +/- STORM DRAIN
INV. IN = 1323.70
INV. OUT = 1309.70

TPP&S #2
IRON PIN W/ RED CAP
ELEV. = 1336.17 (NGVD 1929)

SEE SHEET 9 FOR WATERLINE
PROFILE & CONTINUATION

500' +/- TO
RED LANE

EDGE BROOK ROAD
(RTE. 1150, 60' R/W)

SEE SHEET 9 FOR WATERLINE
CONSTRUCTION ALONG
EDGE BROOK ROAD

INSTALL 80 L.F. - 2" SCH. 40 PVC
CONDUIT AND 3/4" METER & LATERAL FOR
FUTURE PRIVATE IRRIGATION SYSTEM

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EDGE BROOK ROAD

DIMENSIONAL & UTILITY PLAN FOR
"THE FAIRWAYS AT HANGING ROCK"
GRAHAM - THOMAS, LLC

SITUATE EDGE BROOK ROAD (RTE. 1150)
CATANHA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

SCALE: 1" = 40' DATE: 19 OCTOBER 2000

DESIGNED BY J.M. SCHULTHEIS
DRAWN BY J.M.S.
CHECKED BY J.T.P.
W.O. # 99-1338
N.B. JR-43, F-64
TAX NO. 35.04-03-60.3

T. P. PARKER & SON
816 Boulevard
Post Office Box 39
Saluda, Virginia 24153
Telephone: 540-887-1153
FAX: 540-889-5767

TPP&S
ENGINEERS
SURVEYORS
PLANNERS

PROPERTY LINES (TYP)

NEW 20' D.E.

CL CURVE #2
R = 170.00'
IL = 85.21'
Δ = 28° 43' 08"
PC = 34+16.45
PT = 35+01.66
CH = N 78° 02' 35" E
84.32'

34+31.24 SAWGRASS =
14+85.30 PINE VALLEY
F.H. ASSY LOT 16
34+37.6
17.50 LT.

W-4

CL CURVE #1
R = 1500.00'
L = 485.30'
Δ = 18° 32' 13"
PC = 10+00.00
PT = 14+85.30
CH = N 09° 15' 32" E
483.18'

END NEW GR-7
TERMINAL STA. 10+82

EXIST. 36" RCP - CLASS IV

PROVIDE 230 L.F. VDOT STD.
GR-2 GUARDRAIL; REMOVE
EXIST. TERMINAL & REUSE
MATERIALS AT NEW TERMINAL

NEW GR-2
2.0' BC

CL CURVE "C"

NEW D.E.

TPP&S #3
IRON PIN W/ RED CAP
ELEV. = 1291.91 (NGVD 1929)

CONNECT NEW GUARD-
RAIL TO EXISTING
EXIST. PAVEMENT

NEW D.E.

EXIST. 36" RCP

INV. IN = 1263.48 (OLD)
INV. OUT = 1251.23

GRAPHIC SCALE

1" = 40'

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