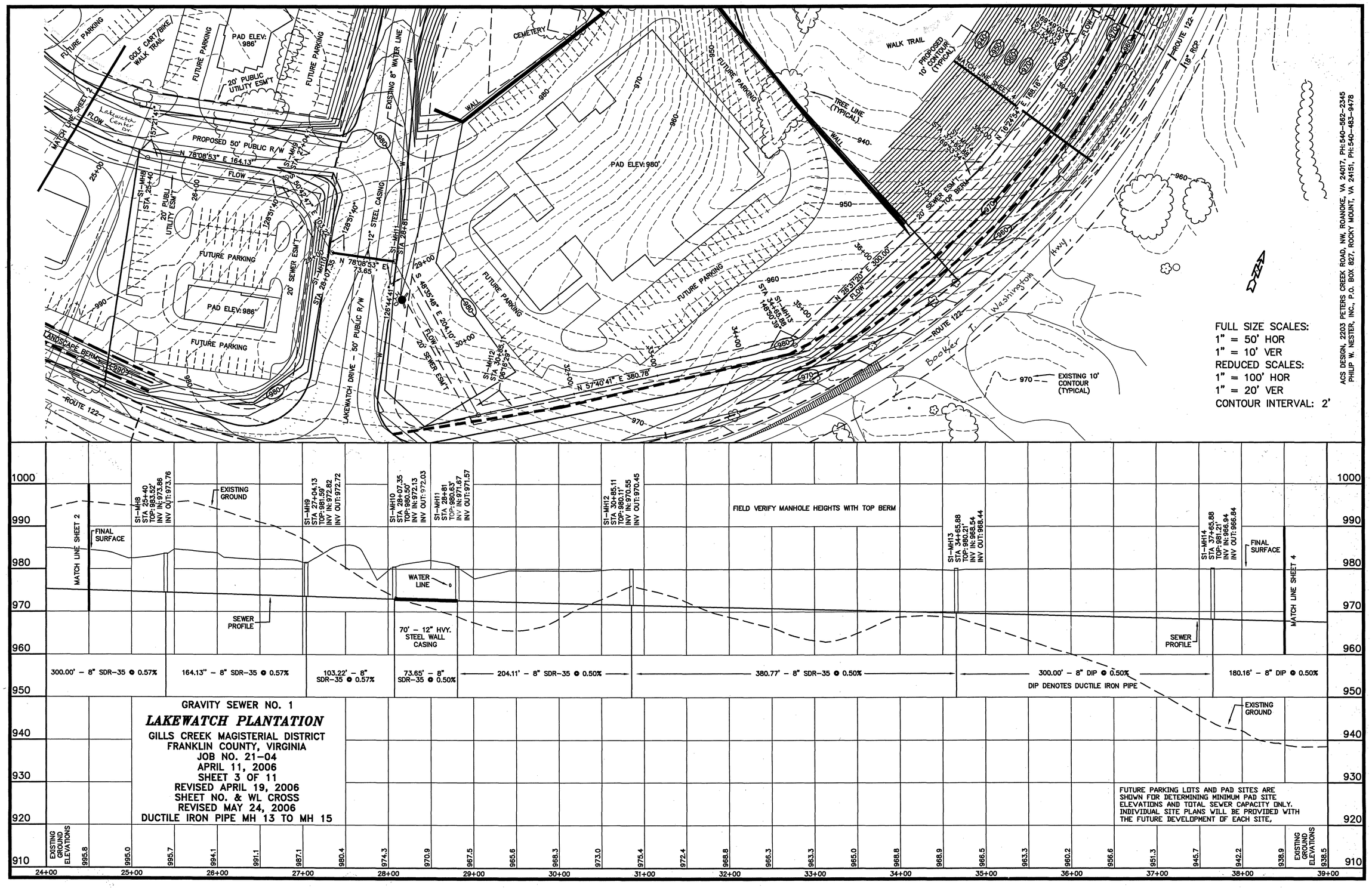
FUTURE PARKING
GOLF CART/BIKE/WALK TRAIL
PAD ELEV: 986'
20' PUBLIC UTILITY ESM'T
EXISTING 8" WATER LINE
CEMETERY
WALL
WALK TRAIL
PROPOSED 10' CONTOUR (TYPICAL)
MATCH LINE SHEET 2
MATCH LINE SHEET 4
ROUTE 122
18" RCP
TREE LINE (TYPICAL)
PAD ELEV: 980'
PROPOSED 50' PUBLIC R/W
N 78°08'53" E 164.13'
FLOW
S1-MH8 STA 25+40
S1-MH9 STA 27+04.13
S1-MH10 STA 28+07.35
S1-MH11 STA 28+81
S1-MH12 STA 30+85.11
S1-MH13 STA 34+65.88
S1-MH14 STA 37+65.88
12" STEEL CASING
N 78°08'53" E 73.65'
S 48°35'48" E 204.10'
N 57°40'41" E 380.78'
N 26°31'20" E 300.00'
N 16°27'34" E 180.16'
20' SEWER ESM'T
TOP BERM
LANDSCAPE BERM
LAKEWATCH DRIVE - 50' PUBLIC R/W
Lakewatch Center Dr.
Booker T. Washington Hwy.
EXISTING 10' CONTOUR (TYPICAL)
FULL SIZE SCALES:
1" = 50' HOR
1" = 10' VER
REDUCED SCALES:
1" = 100' HOR
1" = 20' VER
CONTOUR INTERVAL: 2'
ACS DESIGN, 2203 PETERS CREEK ROAD, NW, ROANOKE, VA 24017, PH:540-562-2345
PHILIP W. NESTER, INC., P.O. BOX 927, ROCKY MOUNT, VA 24151, PH:540-483-9478
MATCH LINE SHEET 2
FINAL SURFACE
EXISTING GROUND
S1-MH8 STA 25+40 TOP:983.52' INV IN:973.86 INV OUT:973.76
S1-MH9 STA 27+04.13 TOP:981.59' INV IN:972.82 INV OUT:972.72
S1-MH10 STA 28+07.35 TOP:980.57' INV IN:972.13 INV OUT:972.03
S1-MH11 STA 28+81 TOP:980.63' INV IN:971.67' INV OUT:971.57
S1-MH12 STA 30+85.11 TOP:980.11' INV IN:970.55 INV OUT:970.45
FIELD VERIFY MANHOLE HEIGHTS WITH TOP BERM
S1-MH13 STA 34+65.88 TOP:980.21' INV IN:968.54 INV OUT:968.44
S1-MH14 STA 37+65.88 TOP:981.21 INV IN:968.84 INV OUT:968.84
WATER LINE
SEWER PROFILE
70' - 12" HVY. STEEL WALL CASING
MATCH LINE SHEET 4
300.00' - 8" SDR-35 @ 0.57%
164.13' - 8" SDR-35 @ 0.57%
103.22' - 8" SDR-35 @ 0.57%
73.65' - 8" SDR-35 @ 0.50%
204.11' - 8" SDR-35 @ 0.50%
380.77' - 8" SDR-35 @ 0.50%
300.00' - 8" DIP @ 0.50%
DIP DENOTES DUCTILE IRON PIPE
180.16' - 8" DIP @ 0.50%
GRAVITY SEWER NO. 1
LAKEWATCH PLANTATION
GILLS CREEK MAGISTERIAL DISTRICT
FRANKLIN COUNTY, VIRGINIA
JOB NO. 21-04
APRIL 11, 2006
SHEET 3 OF 11
REVISED APRIL 19, 2006
SHEET NO. & WL CROSS
REVISED MAY 24, 2006
DUCTILE IRON PIPE MH 13 TO MH 15
FUTURE PARKING LOTS AND PAD SITES ARE SHOWN FOR DETERMINING MINIMUM PAD SITE ELEVATIONS AND TOTAL SEWER CAPACITY ONLY. INDIVIDUAL SITE PLANS WILL BE PROVIDED WITH THE FUTURE DEVELOPMENT OF EACH SITE.
EXISTING GROUND ELEVATIONS
995.8 995.0 995.7 994.1 991.1 987.1 980.4 974.3 970.9 967.5 965.6 968.3 973.0 975.4 972.4 968.8 966.3 963.3 965.0 968.8 968.9 966.5 963.3 960.2 956.6 951.3 945.7 942.2 938.9 938.5
24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00
1000 990 980 970 960 950 940 930 920 910