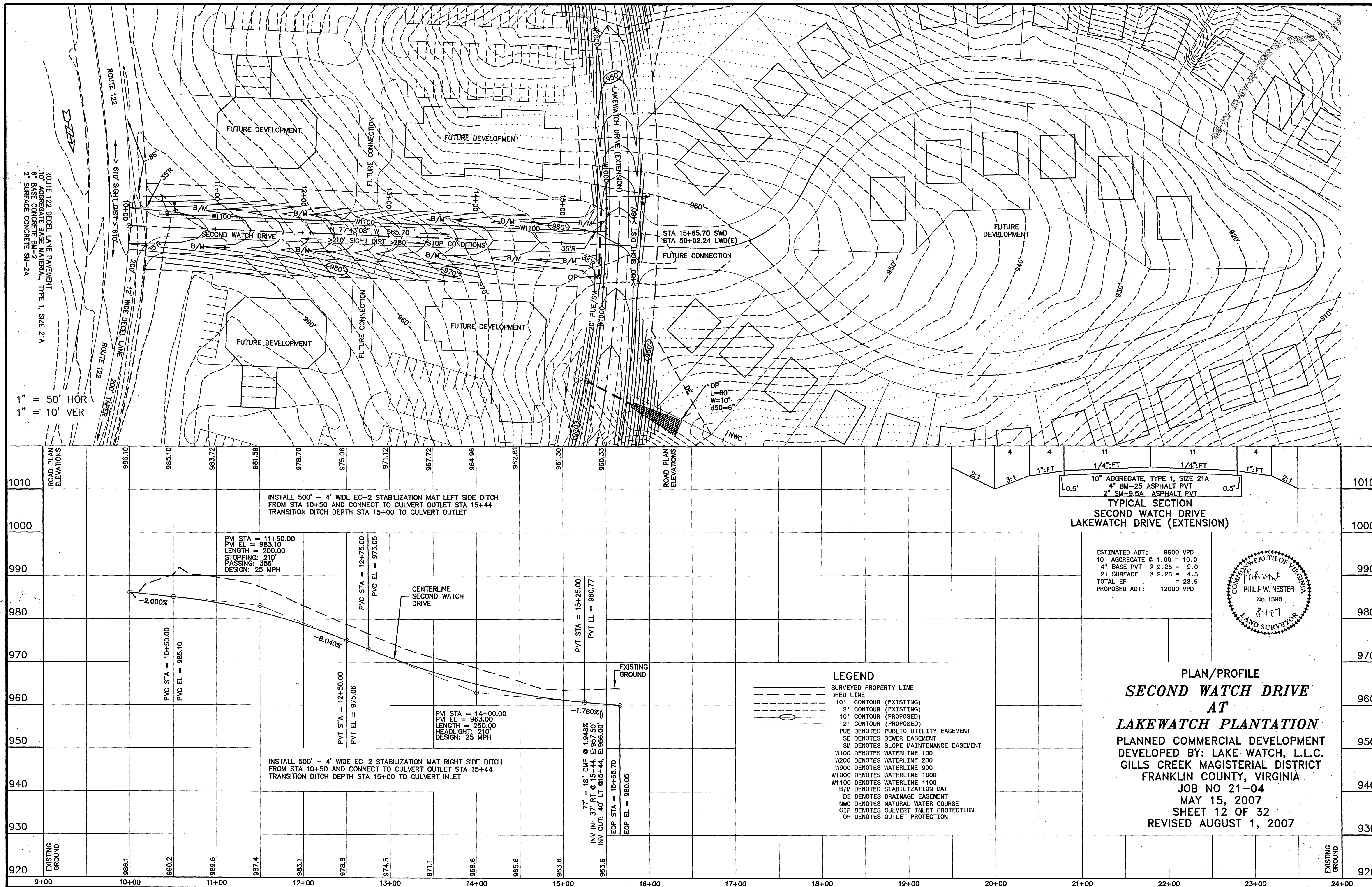




1010	ROAD PLAN ELEVATIONS	988.10	985.10	983.72	981.59	978.70	975.06	971.12	967.72	964.96	962.81	961.30	960.33	ROAD PLAN ELEVATIONS	1010
1000															1000
990															990
980															980
970															970
960															960
950															950
940															940
930															930
920	EXISTING GROUND	988.1	980.2	989.6	987.4	983.1	978.8	974.5	971.1	968.6	965.6	963.6	963.9	EXISTING GROUND	920
		9+00	10+00	11+00	12+00	13+00	14+00	15+00	16+00	17+00	18+00	19+00	20+00	21+00	24+00

INSTALL 500' - 4' WIDE EC-2 STABILIZATION MAT LEFT SIDE DITCH FROM STA 10+50 AND CONNECT TO CULVERT OUTLET STA 15+44 TRANSITION DITCH DEPTH STA 15+00 TO CULVERT OUTLET

PVI STA = 11+50.00
PVI EL = 983.10
LENGTH = 200.00
STOPPING: 210'
PASSING: 356'
DESIGN: 25 MPH

PVC STA = 10+50.00
PVC EL = 985.10

PVC STA = 12+50.00
PVC EL = 975.06

PVT STA = 15+25.00
PVT EL = 960.77

PVI STA = 14+00.00
PVI EL = 963.00
LENGTH = 250.00
HEADLIGHT: 210'
DESIGN: 25 MPH

INSTALL 500' - 4' WIDE EC-2 STABILIZATION MAT RIGHT SIDE DITCH FROM STA 10+50 AND CONNECT TO CULVERT OUTLET STA 15+44 TRANSITION DITCH DEPTH STA 15+00 TO CULVERT INLET

77' - 18" CMP @ 1.948%
INV IN: 37' RT @ 15+44, E:957.50'
INV OUT: 40' LT @ 15+44, E:956.00'

EOP STA = 15+65.70
EOP EL = 960.05

EXISTING GROUND

LAKEWATCH DRIVE (EXTENSION)

STA 15+65.70 SWD
STA 50+02.24 LWD(E)

FUTURE CONNECTION

FUTURE DEVELOPMENT

ROUTE 122

ROUTE 122 DECAL LANE PAVEMENT
10" AGGREGATE BASE MATERIAL, TYPE 1, SIZE 21A
6" BASE CONCRETE BM-2
2" SURFACE CONCRETE SM-2A

1" = 50' HOR
1" = 10' VER

OP L=60'
W=10'
d50=6"

1" NWC

2.1 4 4 11 11 4 2.1

10" AGGREGATE, TYPE 1, SIZE 21A
4" BM-25 ASPHALT PVT
2" SM-9.5A ASPHALT PVT

TYPICAL SECTION
SECOND WATCH DRIVE
LAKEWATCH DRIVE (EXTENSION)

ESTIMATED ADT: 9500 VPD
10" AGGREGATE @ 1.00 = 10.0
4" BASE PVT @ 2.25 = 9.0
2" SURFACE @ 2.25 = 4.5
TOTAL EF = 23.5
PROPOSED ADT: 12000 VPD

COMMONWEALTH OF VIRGINIA
PHILIP W. NESTER
No. 1398
8-1-07
LAND SURVEYOR

PLAN/PROFILE
SECOND WATCH DRIVE
AT
LAKEWATCH PLANTATION
PLANNED COMMERCIAL DEVELOPMENT
DEVELOPED BY: LAKE WATCH, L.L.C.
GILLS CREEK MAGISTERIAL DISTRICT
FRANKLIN COUNTY, VIRGINIA
JOB NO 21-04
MAY 15, 2007
SHEET 12 OF 32
REVISED AUGUST 1, 2007

LEGEND
SURVEYED PROPERTY LINE
DEED LINE
10' CONTOUR (EXISTING)
2' CONTOUR (EXISTING)
10' CONTOUR (PROPOSED)
2' CONTOUR (PROPOSED)
PUE DENOTES PUBLIC UTILITY EASEMENT
SE DENOTES SEWER EASEMENT
SM DENOTES SLOPE MAINTENANCE EASEMENT
W100 DENOTES WATERLINE 100
W200 DENOTES WATERLINE 200
W500 DENOTES WATERLINE 500
W1000 DENOTES WATERLINE 1000
W1100 DENOTES WATERLINE 1100
B/M DENOTES STABILIZATION MAT
DE DENOTES DRAINAGE EASEMENT
NWC DENOTES NATURAL WATER COURSE
CIP DENOTES CULVERT INLET PROTECTION
OP DENOTES OUTLET PROTECTION