



JWBROOK ROAD

SOMERS ROAD

ROAD

GLF

PERMANENT MONUMENT LINE
(Also sediment control line where no
temporary work limit line is shown)

TEMPORARY WORK LIMIT LINE
Erosion Controls placed at this line,
also see detail sheets.

DETENTION BASIN A
(SEE DETAIL)

V-NOTCH
OUTLET STRUCTURE
(SEE DETAIL)

STORM DRAIN
OUTLET NO. 1
(SEE DETAIL)

EXIST. HEADWALL
12" I.E.=232.34

EXIST. DMH

12" RCP FL. END SECTION
I.E.=232.48

75 LF 12" RCP @ 0.5%
DMH
W/ 4' SUMP & OUTLET HOOD
T.E.=238.70
I.E.=232.85 (WEST)
I.E.=233.68 (SOUTH)
I.E.=232.35 (8" OUT)
I.E.=232.85 (12" OUT)

8LF 12" ADS N-12 @ 0.5%

CB
STA 10+12 26RT
T.E.=238.39
I.E.=234.15 (SOUTH)
I.E.=233.70 (OUT)

48 LF 12" ADS N-12 @ 0.5%

CB
STA 10+11 26.5LT
T.E.=238.39
I.E.=234.39

INSTALL GRANITE OR P.C.C. CURBING
AT ISLAND & RADII

178 LF 12" ADS N-12 @ 0.5%

CB
STA 11+94.5 19LT
T.E.=236.93
I.E.=233.74 (SOUTH)
I.E.=233.74 (OUT)

25 LF 30" RCP @ 0.5%
W/ FL END SECTION
I.E.=232.0

DMH
STA 14+71.5 60RT
T.E.=236.50
I.E.=232.63 (IN)
I.E.=232.63 (OUT)

32 LF 30" ADS N-12 @ 0.5%
SEDIMENT TRAP W/ 30" TEE
VOL=7CY 7x7 W/ 4' SUMP
STA 14+78 23RT
T.E.=238.04
I.E.=232.84 (IN)
I.E.=232.84 (OUT)

DMH
STA 14+84.5 4.3LT
T.E.=240.38
I.E.=233.89 (SOUTH)
I.E.=233.0 (WEST)
I.E.=232.95 (OUT)

22 LF 30" ADS N-12 @ 0.5%

152 LF 24" ADS N-12 @ 0.5%

CB
STA 13+73 33.5LT
T.E.=239.0
I.E.=235.0

122 LF 12" ADS N-12 @ 0.5%

22 LF 15" ADS N-12 @ 0.5%

CB
STA 10+26 12RT
T.E.=240.42
I.E.=236.18 (WEST)
I.E.=234.39 (EAST)
I.E.=234.0 (OUT)

34 LF 12" ADS N-12 @ 0.5%

PROPOSED
RET. WALL
(SEE DETAIL)

CB
STA 10+51.4 22RT
T.E.=240.35
I.E.=236.35

CB
STA 16+40 30LT

WETLAND LINE (TYP)

MATCHLINE

GARAGE FLOOR ELEV=241.0

GARAGE FLOOR ELEV=241.9

GARAGE FLOOR ELEV=240.85

DMH
STA 16+41 7.6LT
T.E.=239.91
I.E.=233.76 (IN)
I.E.=233.76 (OUT)

107 LF 24" ADS N-12 @ 0.5%

18 LF 12" SDR N-12 @ 0.5%

DMH
STA 17+51 9LT
T.E.=239.94
I.E.=234.29 (WEST)
I.E.=235.23 (SOUTH)
I.E.=234.29 (OUT)

PAINE & COMPANY
PROJECT LANDSCAPE ARCHITECT
105 Elm Street
Westfield, MA 01086

PIONEER ENVIRONMENTAL, INC.
PROJECT WETLAND SCIENTIST
215 North Main Street
East Longmeadow, MA 01028

SMITH ASSOCIATES SURVEYORS, INC.
PROJECT SURVEYOR
165 Shaker Road
East Longmeadow, MA 01028

BAYSTATE ENVIRONMENTAL CONSULTANTS, INC.
PROJECT CIVIL ENGINEER
296 North Main Street
East Longmeadow, MA 01028

REVISION			
NO.	DATE	REVISION	BY
DRAINAGE & GRADING PLAN			

THE ELMS
ROUTE 83 DEVELOPMENT CORPORATION
East Longmeadow, Massachusetts

PROJECT NO. 95-1214-1
SCALE 1"=40'
DATE SEPT. 1997
DRAWING NO. 1 OF 9 SHTS