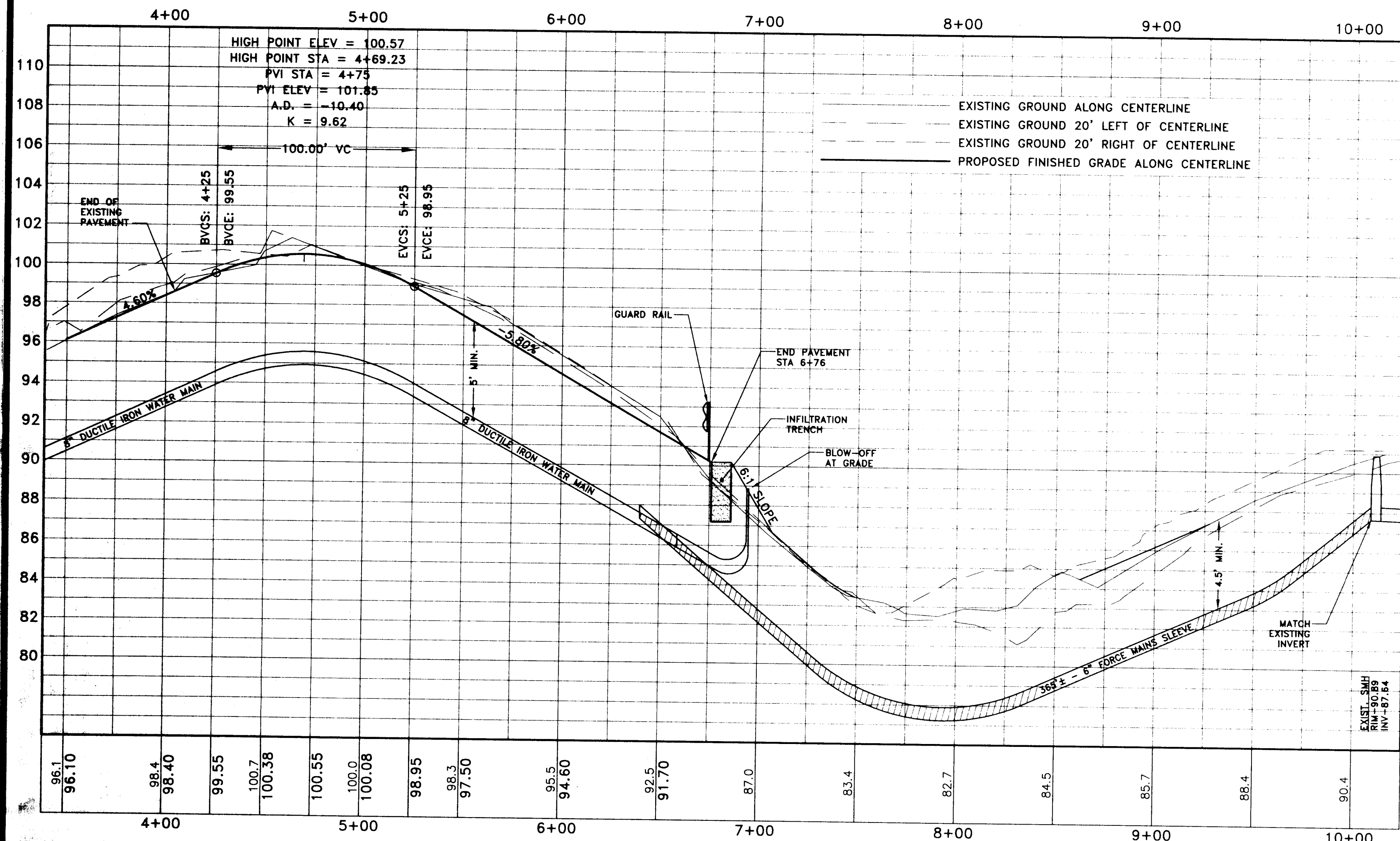
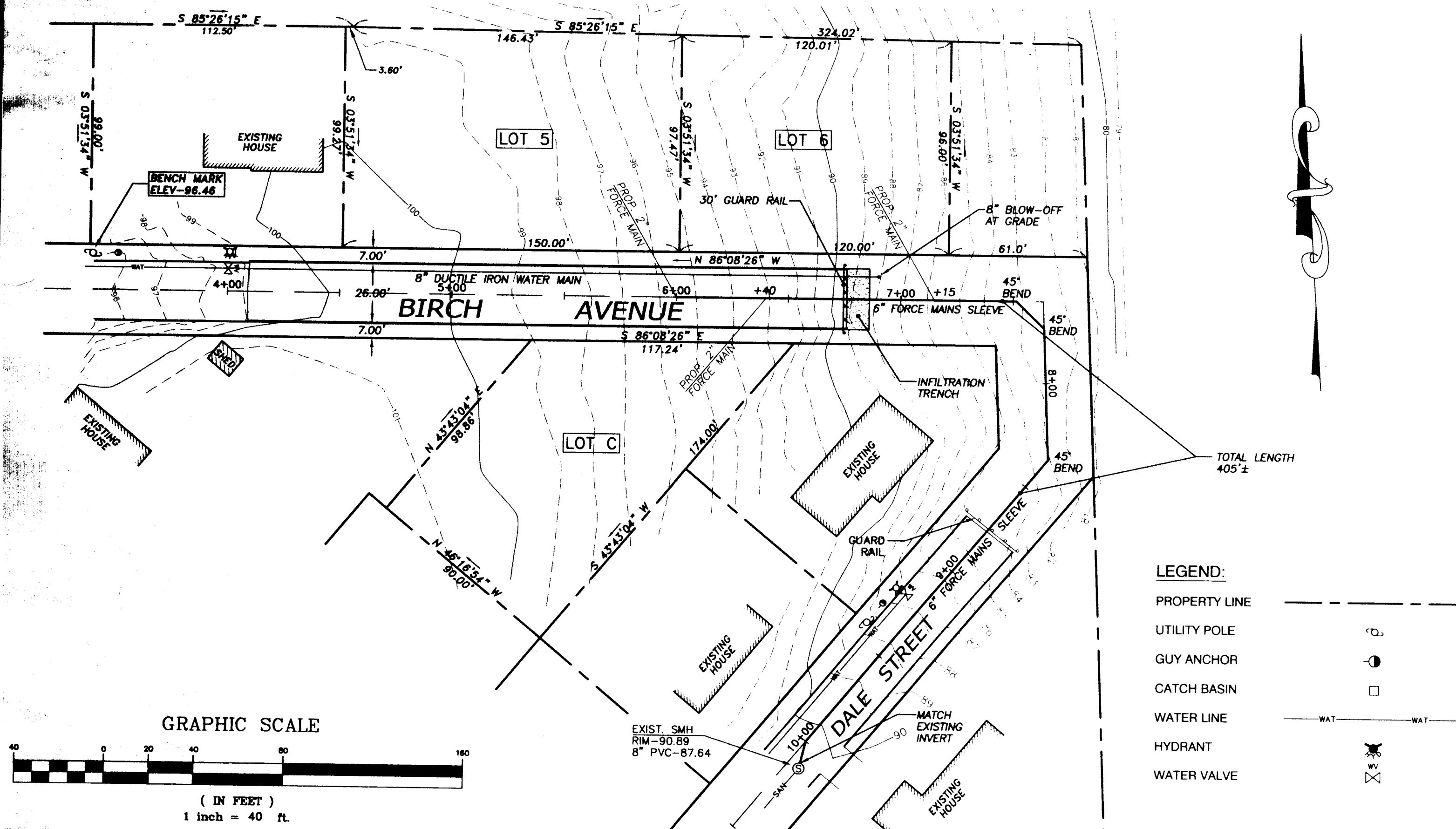




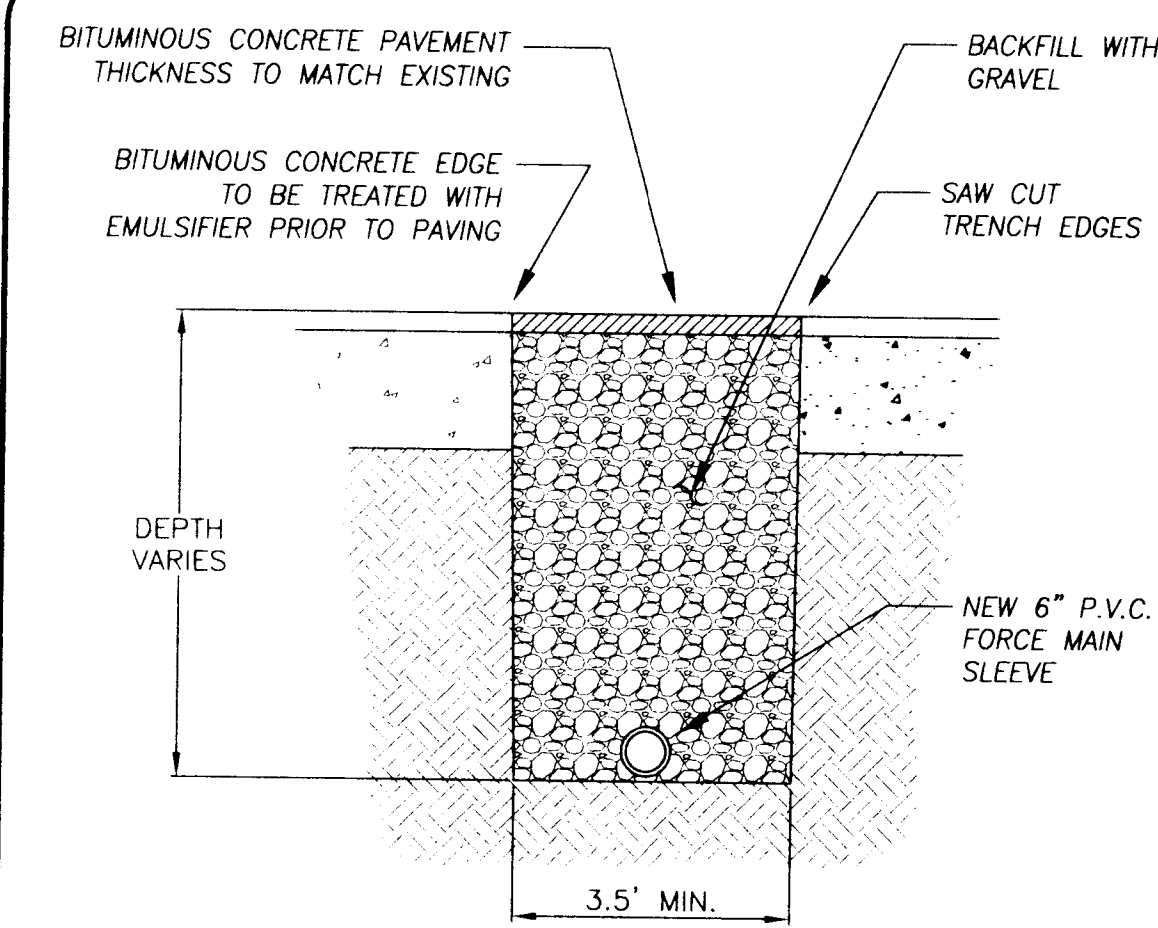
PROFILE SCALES

HORIZONTAL 1" = 40'
VERTICAL 1" = 4'



LEGEND:

PROPERTY LINE
UTILITY POLE
GUY ANCHOR
CATCH BASIN
WATER LINE
HYDRANT
WATER VALVE



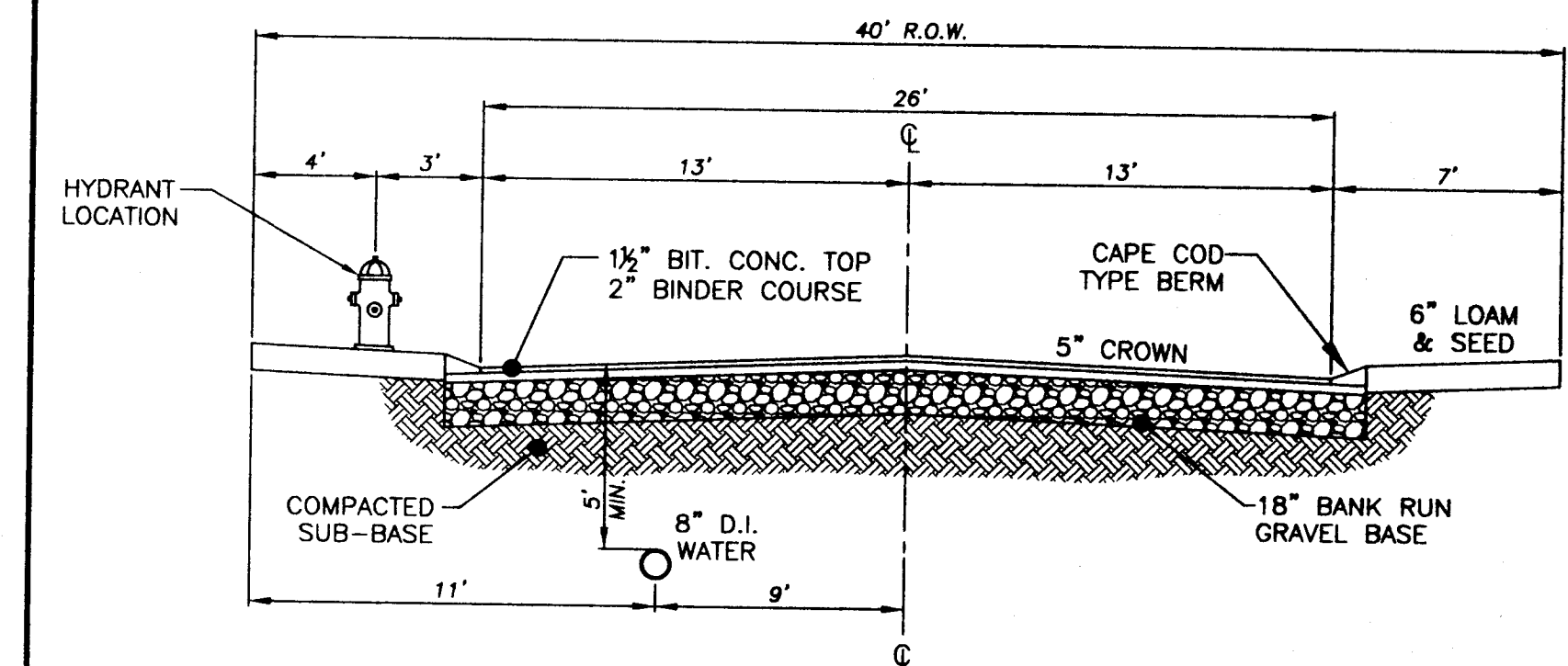
ROADWAY TRENCH RESTORATION

NO SCALE

ALL MATERIALS AND CONSTRUCTION METHODS TO COMPLY WITH THE STANDARDS OF THE BOARD OF PUBLIC WORKS OF EAST LONGMEADOW

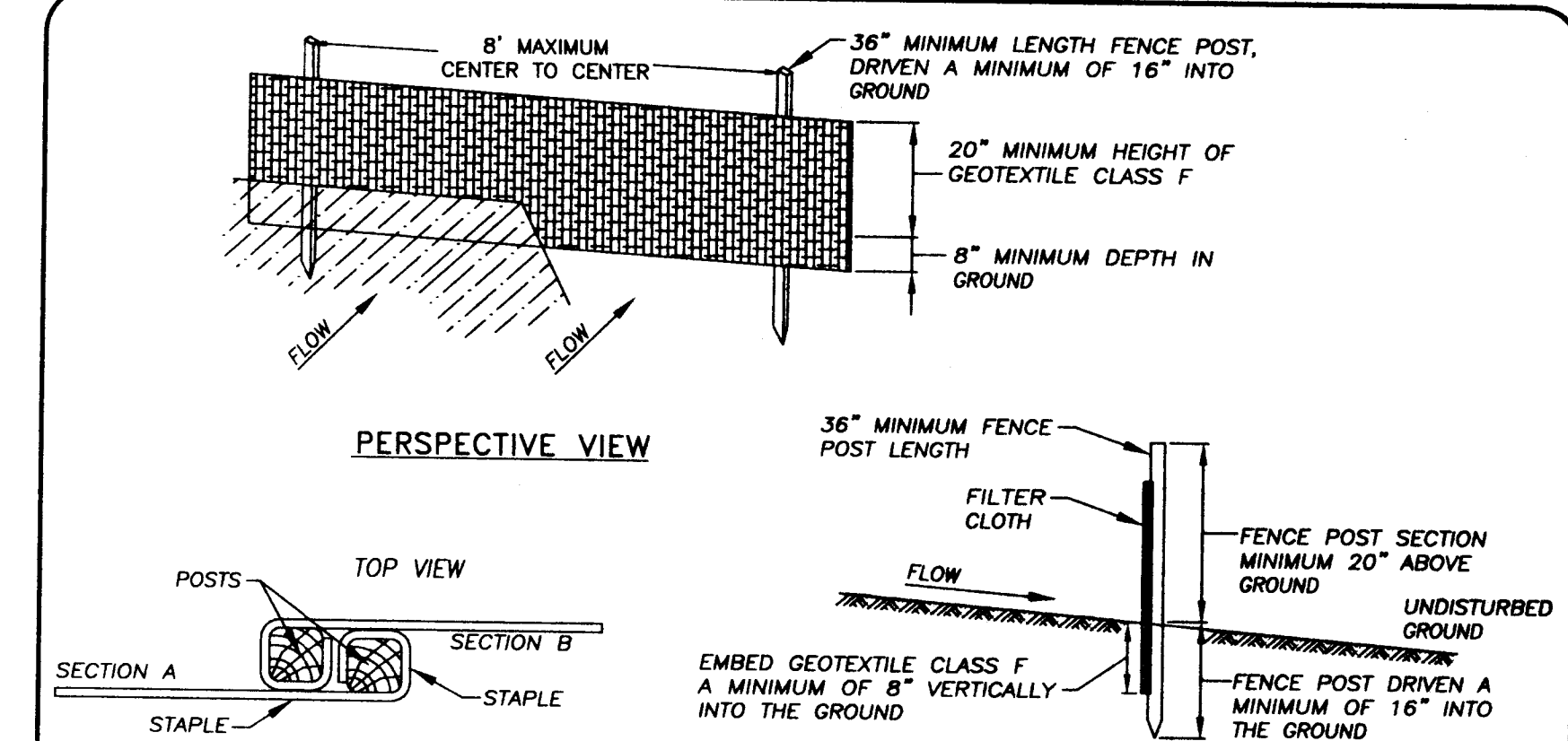
CONSTRUCTION NOTES

- 1) ROADWAY TO BE 26' WIDE - HAVING 2" BITUMINOUS CONCRETE BINDER ON 18" BANK RUN COMPACTED GRAVEL.
- 2) UNDERGROUND UTILITY LOCATIONS SHOWN HEREON ARE BASED UPON SURFACE FEATURES AS LOCATED AND AVAILABLE RECORD DATA, AND ARE APPROXIMATE. ACTUAL LOCATIONS SHOULD BE VERIFIED WITH THE PROPER UTILITY COMPANY AND/OR MUNICIPAL DEPARTMENT PRIOR TO CONSTRUCTION.
- 3) ALL LAYOUT WORK REQUIRED SHALL BE PERFORMED BY A LICENSED SURVEYOR OR ENGINEER EMPLOYED BY THE CONTRACTOR.



TYPICAL ROADWAY CROSS-SECTION

NO SCALE

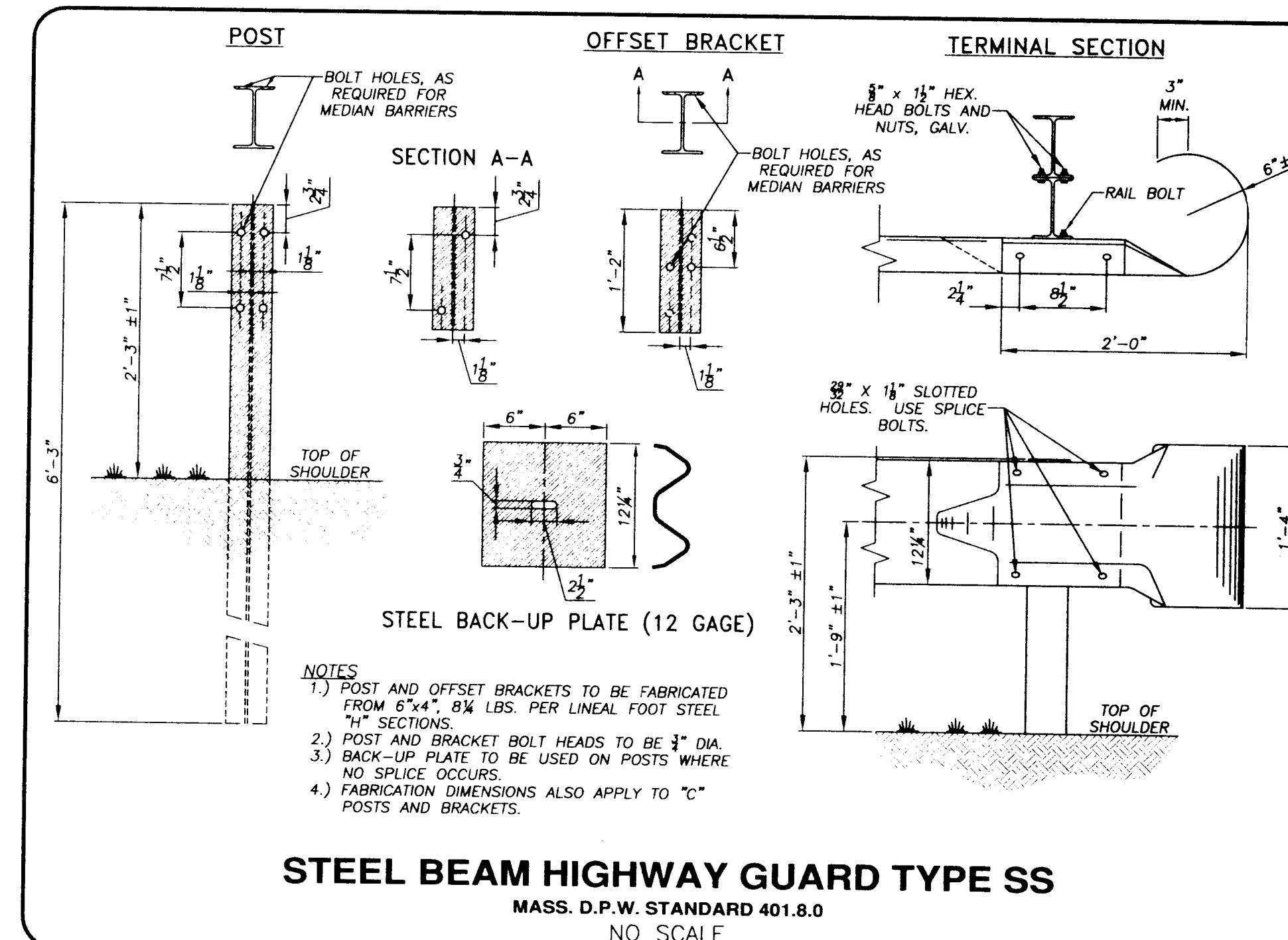


JOINING TWO ADJACENT SILT FENCE SECTIONS

CROSS SECTION

SILT FENCE INSTALLATION DETAIL

NO SCALE

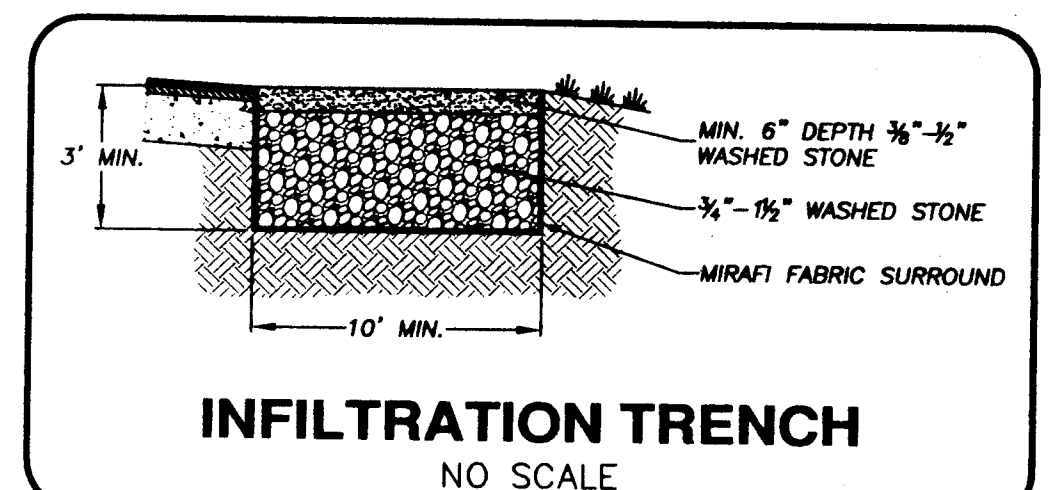


STEEL BEAM HIGHWAY GUARD TYPE SS

MASS. D.P.W. STANDARD 401.8.0
NO SCALE

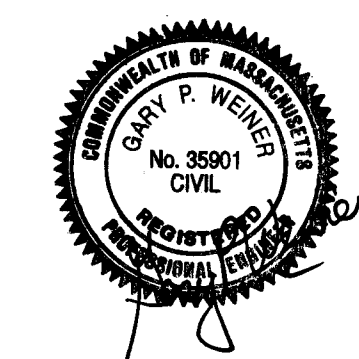
BENCH MARKS

- SPIKE IN UTILITY POLE ON WATERMAN AVENUE ASSUMED ELEV. - 100.00'
- SPIKE IN UTILITY POLE ON BIRCH AVENUE ELEV. - 96.46'



INFILTRATION TRENCH

NO SCALE



BIRCH AVENUE IMPROVEMENTS

STATION 4+10 to STATION 6+86
EAST LONGMEADOW, MA

ECOTEC ENVIRONMENTAL ASSOCIATES, INC.

CIVIL ENGINEERING • LAND SURVEYS
180 Denslow Road • P.O. Box 188 • East Longmeadow, MA 01028
P. 413-525-6703 F. 413-525-3582 E. ecotec@netmail.att.net

SCALE: 1" = 40' DATE: OCTOBER 2003
DESIGN BY: G.W. DRAWN BY: M.W. & J.T. CHECKED BY: G.W.
SURVEY BOOK: PROJECT NUMBER: