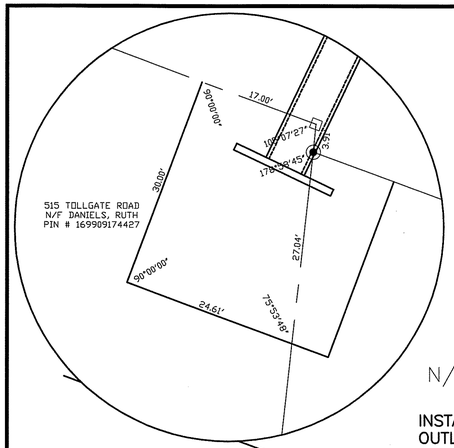
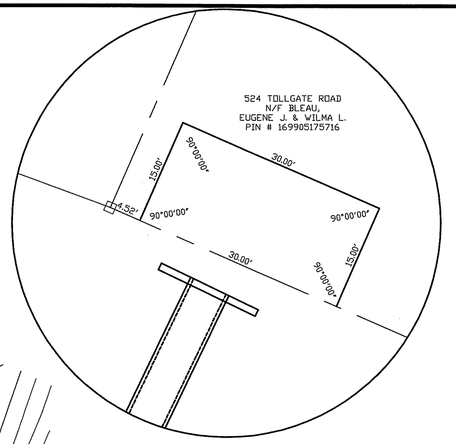
THE WETLAND BOUNDARY WAS DELINEATED BY RICHARD SNARSKI, CERTIFIED SOIL SCIENTIST #1975, ON 10/12/2000. WETLAND SOIL IS AQUENT.





INSTALL BARRIER EROSION PROTECTION

514
TOLLGATE ROAD
N/F BELL, JAMES E.

EXIS. TRAILER

INSTALL MODIFIED RIPRAP OUTLET PROTECTION

PROPOSED INVERT = 94.3

INSTALL VERSA-LOK HEADWALL

524
TOLLGATE ROAD
N/F BLEAU,
EUGENE J. & WILMA L.

EXIS. CONC. HEADWALL

TO EXIS. SAN. MH#46
RIM=97.25 +/-
INV.(IN)=87.64 +/-

REMOVE EXISTING CONCRETE HEADWALLS AND 24" RCP (TYP.)

PRIOR TO CONSTRUCTION DIG TEST PIT TO DETERMINE ELEVATION OF EXISTING 12" WATER LINE

EXIS. 24" RCP

EXIS. INV.=95.23

EXIS. INV.=95.71

EXIS. SAN. MH#45
RIM=102.05
INV.(IN)=86.85 +/-
INV.(OUT)=86.79 +/-

EXIS. CONC. HEADWALL

EXIS. PAVED LEAK-OFF TO BE REMOVED

INSTALL 38"x60" ELLIPTICAL RCP, CLASS IV
56' @ S=0.018 +/-

TREE STUMP TO BE REMOVED

EXIS. HOUSE

PROPOSED INVERT = 95.3

EXIS. WOOD POST TO BE REMOVED (TYP.)

EXIS. DRIVEWAY

INSTALL VERSA-LOK HEADWALL.

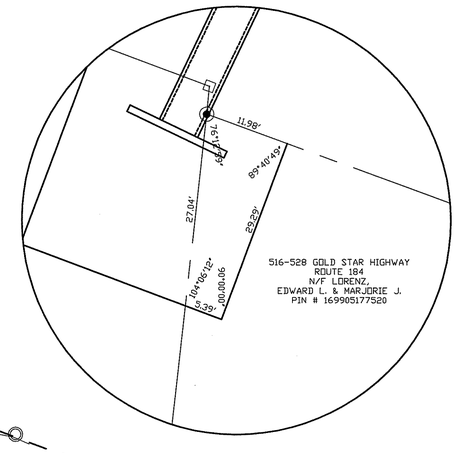
INSTALL JUTE NETTING BANK STABILIZATION

PROPOSED EASEMENTS TO BE OBTAINED PRIOR TO START OF CONSTRUCTION

515
TOLLGATE ROAD
N/F DANIELS, RUTH

516-528
GOLD STAR HIGHWAY
ROUTE 184
N/F LORENZ,
EDWARD L. & MARJORIE J.

TO EXIS. SAN. MH#44
RIM=101.05 +/-
INV.(IN)=86.04 +/-



I DELINEATED THE INLAND WETLAND AND WATERCOURSE BOUNDARY ON THIS PROPERTY. I AM OF THE OPINION THAT THE WETLAND BOUNDARY WHICH I MARKED ON THE PROPERTY IS SHOWN CORRECTLY ON THIS MAP.

R. Richard Snarski DATE 7/7/01

R. Richard Snarski, Certified Soil Scientist #1975

CONSTRUCTION SEQUENCE

1. INSTALL STONE BARRIER EROSION CONTROL.
2. INSTALL MODIFIED RIPRAP SPLASH PAD.
3. REMOVE EXISTING ENDWALL (OUTLET SIDE).
4. INSTALL ONE SECTION OF 38"x60" RCP FROM ENDWALL TO EXISTING 24" RCP.
5. CONSTRUCT NEW VERSA-LOK WALL.
6. REMOVE SECTIONS OF 24" RCP AND INSTALL NEW 38"x60" RCP HALF OF THE ROAD AT TIME. DO AT TIME OF LOW OR NO FLOW.
7. REMOVE OLD HEADWALL.
8. INSTALL NEW HEADWALL.
9. GRADE INLET, INSTALL JUTE NETTING AND SEED FOR BANK STABILIZATION.
10. REPAIR ROAD.
11. GRADE ALL DISTURBED AREAS.
12. REMOVE ALL EROSION CONTROL DEVICES WHEN AREAS ARE STABILIZED.
13. ANY TREES TO BE REMOVED IN THE ROW MUST BE POSTED BY THE TREE WARDEN.

REV.	DATE	DESCRIPTION

PROJECT NO.: 010401

FILE NO.: D:\DWG\010401\0104011.DWG

TOWN OF GROTON
DEPARTMENT OF PUBLIC WORKS
ENGINEERING
134 GROTON LONG POINT ROAD
GROTON, CONNECTICUT 06340
(860) 448-4066

TOLLGATE ROAD
CULVERT REPLACEMENT
SITE PLAN

DESIGNED BY: CJK DATE: 11/15/00
DRAWN BY: CJK DATE: 11/15/00
CHECKED BY: DATE:
APPROVED BY: DATE:

SCALE: 1"=10'

DATE: 11/15/00

PAGE NO.: 1 OF 2