



4' HIGH WOVEN WIRE FENCE
 CCCH STA 640+00, 234' LT - CCCH STA 640+95, 145' LT
 CCCH STA 642+66, 148' LT - CCCH STA 643+50, 150' LT
 CCCH STA 643+50, 150' LT - CCCH STA 650+40, 150' LT
 CCCH STA 650+40, 150' LT - CCCH STA 654+00, 165' LT

4' HIGH CHAIN LINK FENCE
 CCCH STA 640+00, 150' RT - STA 645+00, 150' RT
 CCCH STA 645+00, 150' RT - STA 646+50, 170' RT
 CCCH STA 646+50, 170' RT - STA 652+50, 170' RT
 CCCH STA 652+50, 170' RT - CCCH STA 654+00, 163' RT

**BEGIN ROW. PROJECT
 PB 033-I(I) SECTION 2
 (END SECTION 3)
 STA. 650+40 150' LT.**

STA 637+50 LT TO STA 642+15 LT
 NEW 4' x 560' SPECIAL DITCH WITH
 STONE FILL TYPE I
 PRIOR TO PLACING BACKFILL,
 UNSUITABLE MATERIAL TO BE
 REMOVED AS DIRECTED BY
 THE ENGINEER

STA 643+00 LT TO STA 643+50 LT
 NEW 4' x 150' SPECIAL DITCH WITH
 STONE FILL TYPE I

STA 642+50 TO STA 645+50 RT
 NEW 6" x 300' UNDERDRAIN WITH
 FLUSHING BASIN @ STA 642+50

PI CURVE 5B
 STA 644+17.65 BACK =
 STA 644+00.29 AHEAD

APPROXIMATED LOCATION OF WATERLINE
 (VILLAGE OF ESSEX JUNCTION)

STA 645+60 TO STA 646+50 LT
 NEW 6" x 290' UNDERDRAIN WITH
 FLUSHING BASIN @ 645+60

STA 646+68, 160' LT
 CAP EXISTING 12" WATER

STA 648+60 TO STA 651+50 LT
 NEW 6" x 290' UNDERDRAIN WITH
 FLUSHING BASIN @ STA 648+60

STA 645+50 LT. TO
 STA 645+75 RT.
 NEW 18" x 59' RCP
 CLASS III

STA 648+50 LT TO
 STA 648+50 RT
 NEW 18" x 57' RCP
 CLASS III

STA 650+50 LT TO
 STA 650+50 RT
 NEW 18" x 55' RCP
 CLASS III

STA 651+60 TO STA 654+50 LT
 NEW 6" x 290' UNDERDRAIN WITH
 FLUSHING BASIN @ STA 651+60

STA 641+90 RT TO
 STA 641+90 RT
 NEW 18" x 60' RCP

STA 645+75 TO
 STA 648+50 RT
 NEW 18" x 273' RCP
 CLASS III

STA 645+90 TO
 STA 648+50 RT
 NEW 6" x 260' UNDERDRAIN
 W/FLUSHING BASIN @ STA 645+90

STA 649+94 TO
 STA 651+50 RT
 NEW 30" x 154' RCP
 CLASS III

STA 651+50 TO
 STA 651+50 RT
 NEW 30" x 148' RCP
 CLASS III

STA 649+94 RT TO
 STA 651+50 RT
 NEW 18" x 101' CSP W/ 150' RT
 CSP ELBOWS

STA 652+73 RT TO STA 653+00 RT
 NEW 18" x 105' CSP WITH 2-18"
 CSP ELBOWS

STA 651+60 TO
 STA 654+50 RT
 NEW 6" x 290' UNDERDRAIN
 W/FLUSHING BASIN @
 STA 651+60

STA 653+00 TO
 STA 654+50 RT
 NEW 30" x 148' RCP
 CLASS III

STA 642+00 TO STA 645+75 RT
 NEW 6" x 375' UNDERDRAIN
 W/FLUSHING BASIN @ STA 642+00

APPROXIMATED LOCATION OF 12" WATER LINE
 (CHAMPLAIN WATER DISTRICT)

STA 646+00 RT TO STA 649+89 RT, GRASS LINED SPECIAL DITCH
 2' WIDE - STA 646+00 TO STA 648+00, 3' WIDE - STA 648+00 TO
 STA 649+89

SPIRAL DATA 5B

D = 3°
Os = 2.25°
p = 0.49'
K = 75.00'
X = 149.97'
Y = 1.96'
LT = 100.01'
ST = 50.01'
Lc = 149.99'

CURVE 5B DATA CCCH

D = 3°
R = 1909.86'
Δ = 27°07'10.19"
Δc = 24°52'10.40"
TI = 461.70'
Ts = 534.66'
Es = 55.01'
L = 829.00'
Ls = 150.00'
T2 = 421.25'

STA 648+50 TO
 STA 649+94 RT
 NEW 24" x 142' RCP
 CLASS III

STA 648+60 TO STA 651+50 RT
 NEW 6" x 290' UNDERDRAIN WITH
 FLUSHING BASIN @ STA 648+60

CCCH 640+32 =
 10+0000 CHANNEL ASKEW 43°-00' LT TO TANGENT
 NEW TWIN 10'-0" x 15'-0" x 542' R.C. CULVERT

DATUM
 VERTICAL _____
 HORIZONTAL _____

R. O. W. PLANS

SURVEYED BY PINKHAM ENG. DATE 6/87
 DRAWN BY P.S.J. DATE 7/87
 TRACED BY N.P.D. DATE 8/87

VERMONT ROUTE 289 (F.A.P.)
 TOWN OF ESSEX
 PROJ. WILLISTON- COLCHESTER NO. PB 033-I(I)
 SHEET 13 OF 31