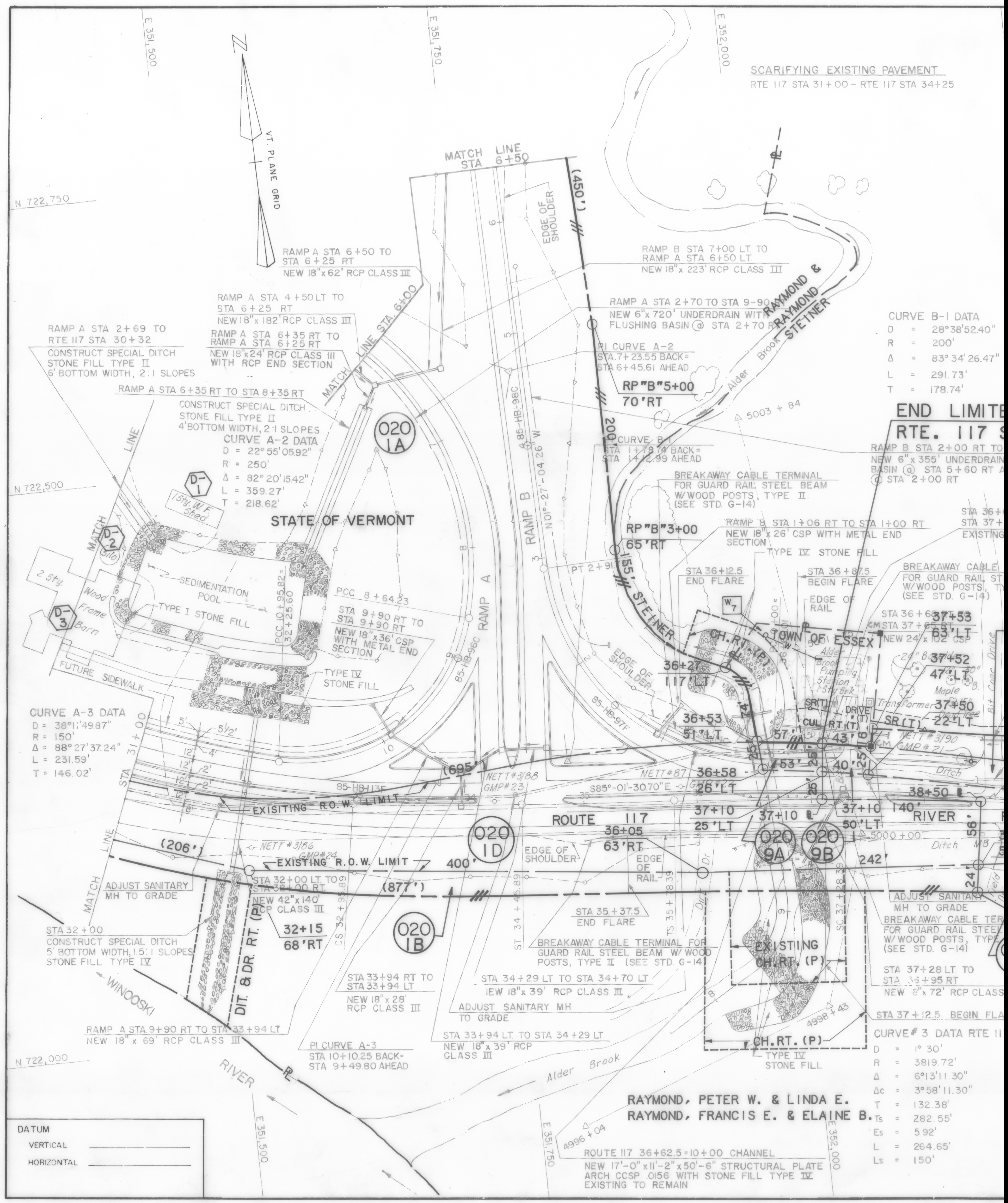
E 351,500
E 351,750
E 352,000
N 722,750
N 722,500
N 722,000
VT. PLANE GRID
SCARIFYING EXISTING PAVEMENT
RTE 117 STA 31+00 – RTE 117 STA 34+25
MATCH LINE STA 6+50
(450')
EDGE OF SHOULDER
RAMP A STA 6+50 TO STA 6+25 RT
NEW 18"x 62' RCP CLASS III
RAMP B STA 7+00 LT. TO RAMP A STA 6+50 LT.
NEW 18"x 223' RCP CLASS III
RAMP A STA 4+50 LT TO STA 6+25 RT
NEW 18"x 182' RCP CLASS III
RAMP A STA 2+70 TO STA 9-90 RT
NEW 6"x 720' UNDERDRAIN WITH FLUSHING BASIN @ STA 2+70 RT
RAMP A STA 2+69 TO RTE 117 STA 30+32
CONSTRUCT SPECIAL DITCH STONE FILL TYPE II 6' BOTTOM WIDTH, 2:1 SLOPES
RAMP A STA 6+35 RT TO RAMP A STA 6+25 RT
NEW 18"x 24' RCP CLASS III WITH RCP END SECTION
MATCH LINE STA 6+00
PI CURVE A-2
STA.7+23.55 BACK= STA 6+45.61 AHEAD
RAYMOND & RAYMOND
STEINER
Alder Brook
RP "B" 5+00 70'RT
RAMP A STA 6+35 RT TO STA 8+35 RT
CONSTRUCT SPECIAL DITCH STONE FILL TYPE II 4' BOTTOM WIDTH, 2:1 SLOPES
CURVE A-2 DATA
D = 22° 55' 05.92"
R = 250'
Δ = 82° 20' 15.42"
L = 359.27'
T = 218.62'
020 1A
85-HB-98C
N 01°-27'-04.26" W
200'
PI CURVE B-1
STA 1+78.74 BACK= STA 1+12.99 AHEAD
△ 5003 + 84
CURVE B-1 DATA
D = 28° 38' 52.40"
R = 200'
Δ = 83° 34' 26.47"
L = 291.73'
T = 178.74'
END LIMITE
RTE. 117 S
RAMP B STA 2+00 RT TO
NEW 6"x 355' UNDERDRAIN
BASIN @ STA 5+60 RT A
@ STA 2+00 RT
BREAKAWAY CABLE TERMINAL FOR GUARD RAIL STEEL BEAM W/WOOD POSTS, TYPE II (SEE STD. G-14)
MATCH LINE
D-1
1 Sty. W. F. Shed
STATE OF VERMONT
D-2
Silo
D-3
2 Sty. Wood Frame Barn
RAMP B
RAMP A
RP "B" 3+00 65'RT
RAMP B STA 1+06 RT TO STA 1+00 RT
NEW 18"x 26' CSP WITH METAL END SECTION
TYPE IV STONE FILL
STA 36+
STA 37+
EXISTING
PT 2+91
155'
SEDIMENTATION POOL
TYPE I STONE FILL
PCC 10+95.82= 32+25.60
PCC 8+64.23
STA 9+90 RT TO STA 9+90 RT
NEW 18"x 36' CSP WITH METAL END SECTION
85-HB-96C
STA 36+12.5 END FLARE
STA 36+87.5 BEGIN FLARE
EDGE OF RAIL
W7
BREAKAWAY CABLE
FOR GUARD RAIL ST
W/WOOD POSTS, T
(SEE STD. G-14)
STA 36+68 RT TO
STA 37+65 RT
NEW 24"x 102' CSP
37+53 63'LT
37+52 47'LT
37+50 22'LT
CH. RT. (P)
TOWN OF ESSEX
Alder Brook Pumping Station 1 Sty Brk.
24" Boulder
Maple
Transformer
Dead Tree
Bit. Conc. Drive
EDGE OF SHOULDER
85-HB-97F
36+27 117'LT
36+53 51'LT
36+58 26'LT
37+10 25'LT
37+10
37+10 50'LT
38+50
SR(T)
CUL. RT. (T)
DRIVE (T)
NETT #3/90 GMP #21
Ditch
57'
43'
53'
40'
74'
25'
140'
56'
242'
24'
RIVER
FUTURE SIDEWALK
CURVE A-3 DATA
D = 38° 11' 49.87"
R = 150'
Δ = 88° 27' 37.24"
L = 231.59'
T = 146.02'
STA 31+00
5'
5½'
12'
4'
2'
8'
(695')
NETT #3/88 GMP #23
NETT #87 GMP #22
S85°-01'-30.70"E
85-HB-113F
EXISITING R.O.W. LIMIT
ROUTE 117
36+05 63'RT
020 1D
020 9A
020 9B
△ 5000+00
(206')
NETT #3/86 GMP #24
EXISTING R.O.W. LIMIT
400'
EDGE OF SHOULDER
EDGE OF RAIL
(877')
ADJUST SANITARY MH TO GRADE
STA 32+00 LT. TO STA 32+00 RT.
NEW 42"x 140' RCP CLASS III
32+15 68'RT
CS 32+95.89
ST 34+45.89
TS 35+28.39
SC 37+28.39
STA 35+37.5 END FLARE
Dirt Dr.
020 1B
STA 32+00
CONSTRUCT SPECIAL DITCH 5' BOTTOM WIDTH, 1.5:1 SLOPES STONE FILL TYPE IV
DIT. & DR. RT. (P)
WINOOSKI RIVER
BREAKAWAY CABLE TERMINAL FOR GUARD RAIL STEEL BEAM W/ WOOD POSTS, TYPE II (SEE STD. G-14)
STA 33+94 RT TO STA 33+94 LT
NEW 18"x 28' RCP CLASS III
STA 34+29 LT TO STA 34+70 LT
NEW 18"x 39' RCP CLASS III
ADJUST SANITARY MH TO GRADE
EXISTING CH. RT. (P)
CH. RT. (P)
TYPE IV STONE FILL
△ 4998+43
ADJUST SANITARY MH TO GRADE
BREAKAWAY CABLE TER
FOR GUARD RAIL STEEL
W/WOOD POSTS, TYPE
(SEE STD. G-14)
STA 37+28 LT TO STA 36+95 RT
NEW 18"x 72' RCP CLASS
STA 37+12.5 BEGIN FLA
CURVE # 3 DATA RTE 11
D = 1° 30'
R = 3819.72'
Δ = 6° 13' 11.30"
Δc = 3° 58' 11.30"
T = 132.38'
Ts = 282.55'
Es = 5.92'
L = 264.65'
Ls = 150'
RAMP A STA 9+90 RT TO STA 33+94 LT
NEW 18"x 69' RCP CLASS III
PI CURVE A-3
STA 10+10.25 BACK= STA 9+49.80 AHEAD
STA 33+94 LT TO STA 34+29 LT
NEW 18"x 39' RCP CLASS III
Alder Brook
RAYMOND, PETER W. & LINDA E.
RAYMOND, FRANCIS E. & ELAINE B.
△ 4996+04
ROUTE 117 36+62.5 = 10+00 CHANNEL
NEW 17'-0" x 11'-2" x 50'-6" STRUCTURAL PLATE ARCH CCSP .0156 WITH STONE FILL TYPE IV EXISTING TO REMAIN
DATUM
VERTICAL
HORIZONTAL