DEMOLITION AND DISPOSAL OF BUILDING
RTE 289 STA 538+80, RT 1 STY WOOD

APPROACH RAILING (2 RAIL ALUMINIUM)
RTE 15 STA 18+90, RT RTE 15 STA 19+17, RT
RAMP C STA 10+07 LT RTE 15 STA 21+51, RT

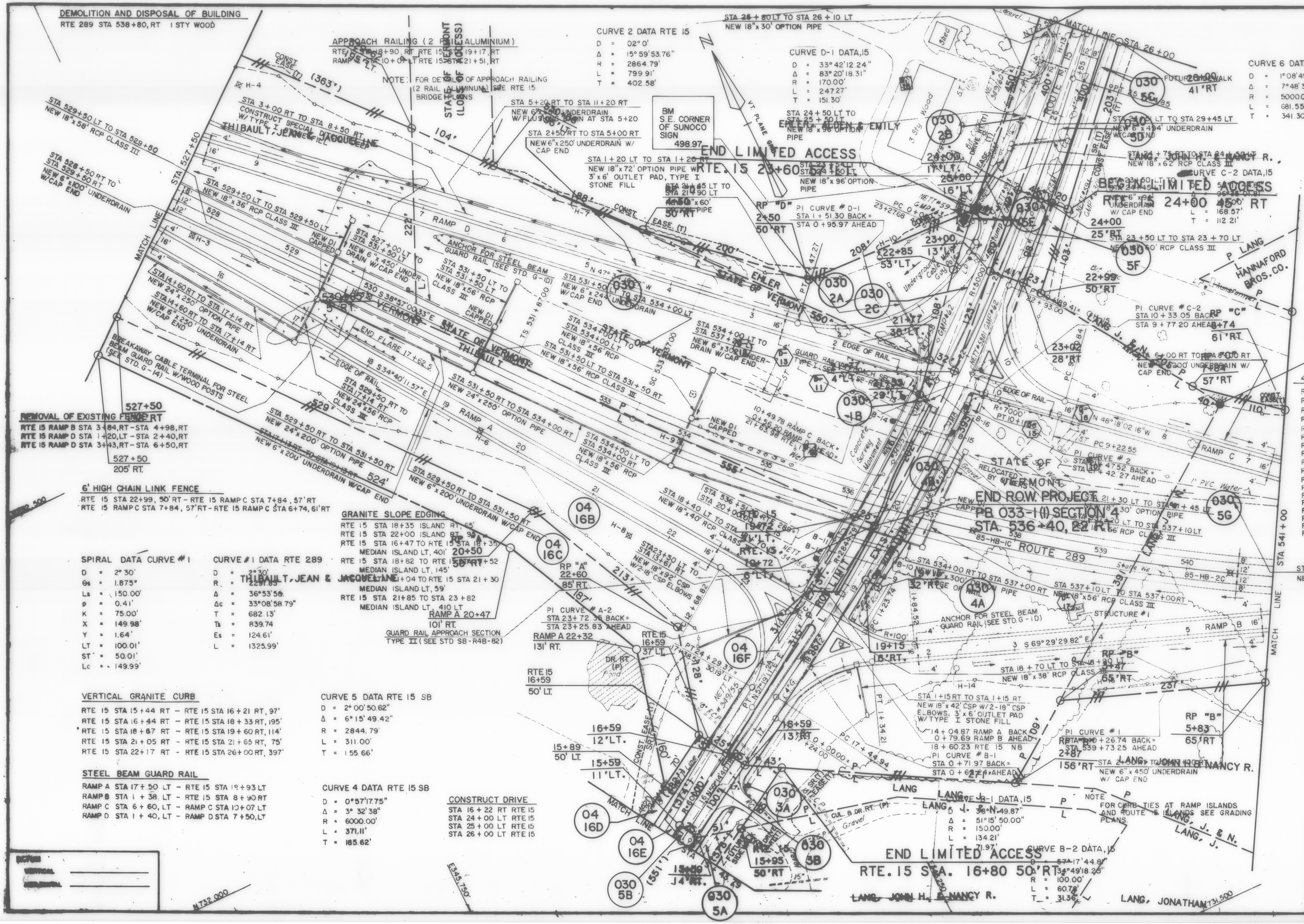
NOTE: FOR DETAIL OF APPROACH RAILING (2 RAIL ALUMINUM) SEE RTE 15 BRIDGE PLANS.

CURVE 2 DATA RTE 15
D = 02°0'
Δ = 15°59'53.76"
R = 2864.79'
L = 799.91'
T = 402.58'

CURVE D-1 DATA,15
D = 33°42'12.24"
Δ = 83°20'18.31"
R = 170.00'
L = 247.27'
T = 151.30'

CURVE 6 DATA
D = 1°08'45.3
Δ = 7°48'35.7
R = 5000.00'
L = 681.55'
T = 341.30'

CURVE C-2 DATA,15
D = 57°17'44.8"
Δ = 96°35'07.81"
R = 100.00'
L = 168.57'
T = 112.21'


BM
S.E. CORNER
OF SUNOCO
SIGN
498.97
END LIMITED ACCESS
RTE. 15 23+60 52'LT
BEGIN LIMITED ACCESS
RTE 15 24+00 45' RT
END ROW PROJECT
PB 033-1(I) SECTION 4
STA. 536+40, 22' RT.
END LIMITED ACCESS
RTE. 15 STA. 16+80 50'RT
STATE OF VERMONT
RELOCATED BY OTHERS
THIBAULT, JEAN & JACQUELINE
EHLER, ALDEN & EMILY
LANG, JOHN H. & NANCY R.
LANG, J. & N.
LANG, J.
LANG, JONATHAN
HANNAFORD BROS. CO.
ROUTE 289
ROUTE 15
RAMP A
RAMP B
RAMP C
RAMP D
MATCH LINE STA 527+50
MATCH LINE STA. 26+00
MATCH LINE STA 541+00
MATCH LINE
VT. PLANE GRID
N
STA 529+50 LT TO STA 529+50 NEW 18"x58' RCP CLASS III
STA 528+50 RT TO STA 529+50 RT NEW 6"x100' UNDERDRAIN W/CAP END
STA 3+00 RT TO STA 8+50 RT CONSTRUCT SPECIAL DITCH W/TYPE I STONE FILL
STA 529+50 LT TO STA 529+50 LT NEW 18"x36' RCP CLASS III
STA 527+00 LT TO STA 531+50 LT NEW 6"x450' UNDERDRAIN W/CAP END
STA 14+60 RT TO STA 17+14 RT NEW 24"x250' OPTION PIPE
STA 14+60 RT TO STA 17+14 RT NEW 6"x250' UNDERDRAIN W/CAP END
BREAKAWAY CABLE TERMINAL FOR STEEL BEAM GUARD RAIL W/WOOD POSTS (SEE STD. G-14)
STA 529+50 RT TO STA 17+14 RT NEW 24"x56' RCP CLASS III
STA 529+50 RT TO STA 531+50 RT NEW 24"x200' OPTION PIPE
STA 17+13 RT TO STA 19+13 RT NEW 6"x200' UNDERDRAIN W/CAP END
STA 529+50 RT TO STA 531+50 RT NEW 6"x200' UNDERDRAIN W/CAP END
STA 5+20 RT TO STA 11+20 RT NEW 6"x600' UNDERDRAIN W/FLUSHING BASIN AT STA 5+20
STA 2+50 RT TO STA 5+00 RT NEW 6"x250' UNDERDRAIN W/ CAP END
STA 1+20 LT TO STA 1+20 RT NEW 18"x72' OPTION PIPE W/ 3'x6' OUTLET PAD, TYPE I STONE FILL
STA 21+65 LT TO STA 21+90 LT NEW 18"x60' OPTION PIPE
STA 25+80 LT TO STA 26+10 LT NEW 18"x30' OPTION PIPE
STA 24+50 LT TO STA 25+50 LT NEW 18"x96' OPTION PIPE
STA 23+54 LT TO STA 24+50 LT NEW 18"x96' OPTION PIPE
PI CURVE # D-1 STA 1+51.30 BACK = STA 0+95.97 AHEAD
ANCHOR FOR STEEL BEAM GUARD RAIL (SEE STD. G-1D)
STA 531+50 LT TO STA 531+50 LT NEW 18"x56' RCP CLASS III
STA 531+50 LT TO STA 534+00 LT NEW 6"x244' UNDERDRAIN W/CAP END
STA 534+00 LT TO STA 534+00 LT NEW 18"x56' RCP CLASS III
STA 531+50 LT TO STA 531+50 RT NEW 18"x56' RCP CLASS III
STA 534+00 LT TO STA 537+20 LT NEW 6"x320' UNDERDRAIN W/CAP END
STA 531+50 RT TO STA 534+00 RT NEW 24"x250' OPTION PIPE
STA 534+00 LT TO STA 534+00 RT NEW 18"x56' RCP CLASS III
NEW DI CAPPED
GUARD RAIL APPROACH SECTION TYPE I (SEE STD SB-R4B-82)
10+49.78 RAMP C BACK = 0+56.20 RAMP D AHEAD = 21+63.98 RTE 15
Concrete Survey Monument
STA 24+51 LT TO STA 29+45 LT NEW 6"x494' UNDERDRAIN W/CAP END
STA 24+75 RT TO STA 24+50 LT NEW 18"x62' RCP CLASS III
STA 23+60 LT TO STA 24+45 LT NEW 6"x96' UNDERDRAIN W/ CAP END
STA 23+50 LT TO STA 23+70 LT NEW 18"x60' RCP CLASS III
FUTURE SIDEWALK
PI CURVE # C-2 STA 10+33.05 BACK = STA 9+77.20 AHEAD
STA 6+00 RT TO STA 8+00 RT NEW 6"x200' UNDERDRAIN W/ CAP END
N 48°18'02.16"W
PC 9+22.55
PI CURVE # 2 STA 21+47.52 BACK = STA 21+42.27 AHEAD
STA 21+30 LT TO STA 21+45 LT NEW 18"x30' OPTION PIPE
STA 537+20 LT TO STA 537+10 LT NEW 18"x56' RCP CLASS III
STA 536+51 LT TO STA 20+00 RTE 15
STA 18+40 LT TO STA 19+72 NEW 18"x40' RCP CLASS III
STA 23+50 LT TO STA 13+61 RT NEW 18"x92' CSP W/2-18" CSP ELBOWS
STA 534+00 RT TO STA 537+00 RT NEW 18"x300' OPTION PIPE
STA 537+10 LT TO STA 537+00 RT NEW 18"x56' RCP CLASS III
STRUCTURE #1
S 69°29'29.82" E
STA 18+70 LT TO STA 18+90 LT NEW 18"x38' RCP CLASS III
STA 1+15 RT TO STA 1+15 RT NEW 18"x42' CSP W/2-18" CSP ELBOWS, 3'x6' OUTLET PAD W/TYPE I STONE FILL
14+04.87 RAMP A BACK = 0+79.69 RAMP B AHEAD = 18+60.23 RTE 15 NB
PI CURVE # B-1 STA 0+71.97 BACK = STA 0+62.24 AHEAD
PI CURVE # 1 STA 540+26.74 BACK = STA 539+73.25 AHEAD
STA 2+50 RT TO STA 7+00 RT NEW 6"x450' UNDERDRAIN W/ CAP END
PI CURVE # A-2 STA 23+72.35 BACK = STA 23+25.83 AHEAD
PT 24+29.37 = 30.19' LT
PT N57°19'11.26"E
R=2844.79'
R=5000'
R=7000'
R=100'
S 38°57'00.33"E
S 34°40'11.57"E
N 47°34'16.27"W
END FLARE 17+62.5
EDGE OF RAIL
CONST. EASE. (T)
SR (T)
DR. RT. (P)
Pond
CUL. 8 DR. RT. (P)
Gravel
Shed
3 Sty Wood
Stone Well
1" PVC. Water
Underground Cable
Transformer
527+50 195' RT
527+50 205' RT
RAMP A 20+47 101' RT.
RP "A" 20+50 50' RT
RP "A" 22+60 85' RT.
RAMP A 22+32 131' RT.
RTE 15 16+59 37' LT.
RTE 15 16+59 50' LT.
16+59 12' LT.
15+89 50' LT.
15+59 11' LT.
15+59 14' RT.
RTE 15 15+95 50' RT
16+59 13' RT
19+15 16' RT.
19+72 31' LT.
19+72 6' LT.
RP "D" 2+50 50' RT
RP "D" 4+50 50' RT
22+85 53' LT.
23+00 13' LT.
24+00 17' LT.
25+60 16' LT.
21+77 38' LT.
21+55 29' LT.
23+02 28' RT
22+99 50' RT
24+00 25' RT
26+00 41' RT
RP "C" 8+74 61' RT
RP "C" 7+84 57' RT
RP "B" 3+47 65' RT
RP "B" 5+83 65' RT
RP "B" 2+87 156' RT
030 1B
030 2A
030 2B
030 2C
030 3A
030 3B
030 4A
030 4B
030 5A
030 5B
030 5C
030 5D
030 5E
030 5F
030 5G
04 16B
04 16C
04 16D
04 16E
04 16F
N 732,000
N 732,500
N 731,500
E 345,750
E 346,250
E 342,500
(363')
104'
188'
200'
208'
550'
555'
529'
524'
213'
187'
222'
128'
160'
(551')
43'
237'
109'
110'
103'
98'
123'
108'
203'
400'
450'
393'

REMOVAL OF EXISTING FENCE
RTE 15 RAMP B STA 3+84, RT - STA 4+98, RT
RTE 15 RAMP D STA 1+20, LT - STA 2+40, RT
RTE 15 RAMP D STA 3+43, RT - STA 6+50, RT

6' HIGH CHAIN LINK FENCE
RTE 15 STA 22+99, 50' RT - RTE 15 RAMP C STA 7+84, 57' RT
RTE 15 RAMP C STA 7+84, 57' RT - RTE 15 RAMP C STA 6+74, 61' RT

GRANITE SLOPE EDGING
RTE 15 STA 18+35 ISLAND RT, 65'
RTE 15 STA 22+00 ISLAND RT, 95'
RTE 15 STA 16+47 TO RTE 15 STA 18+35 MEDIAN ISLAND LT, 401'
RTE 15 STA 18+82 TO RTE 15 STA 19+52 MEDIAN ISLAND LT, 145'
RTE 15 STA 21+04 TO RTE 15 STA 21+30 MEDIAN ISLAND LT, 59'
RTE 15 STA 21+85 TO STA 23+82 MEDIAN ISLAND LT, 410 LT

SPIRAL DATA CURVE #1
D = 2°30'
Θs = 1.875°
Ls = 150.00'
p = 0.41'
K = 75.00'
X = 149.98'
Y = 1.64'
LT = 100.01'
ST = 50.01'
Lc = 149.99'

CURVE #1 DATA RTE 289
D = 2°30'
R = 2291.83
Δ = 36°53'58.
Δc = 33°08'58.79"
T = 682.13'
Ts = 839.74
Es = 124.61'
L = 1325.99'

VERTICAL GRANITE CURB
RTE 15 STA 15+44 RT - RTE 15 STA 16+21 RT, 97'
RTE 15 STA 16+44 RT - RTE 15 STA 18+33 RT, 195'
RTE 15 STA 18+67 RT - RTE 15 STA 19+60 RT, 114'
RTE 15 STA 21+05 RT - RTE 15 STA 21+65 RT, 75'
RTE 15 STA 22+17 RT - RTE 15 STA 26+00 RT, 397'

CURVE 5 DATA RTE 15 SB
D = 2°00'50.62"
Δ = 6°15'49.42"
R = 2844.79'
L = 311.00'
T = 155.66'

STEEL BEAM GUARD RAIL
RAMP A STA 17+50 LT - RTE 15 STA 19+93 LT
RAMP B STA 1+38, LT - RTE 15 STA 8+90 RT
RAMP C STA 6+60, LT - RAMP C STA 10+07 LT
RAMP D STA 1+40, LT - RAMP D STA 7+50, LT

CURVE 4 DATA RTE 15 SB
D = 0°57'17.75"
Δ = 3°32'38"
R = 6000.00'
L = 371.11'
T = 185.62'

CONSTRUCT DRIVE
STA 16+22 RT RTE 15
STA 24+00 LT RTE 15
STA 25+00 LT RTE 15
STA 26+00 LT RTE 15

CURVE B-1 DATA,15
D = 38°11'49.87"
Δ = 51°15'50.00"
R = 150.00'
L = 134.21'
T = 71.97'

CURVE B-2 DATA,15
D = 57°17'44.81"
Δ = 34°49'18.25"
R = 100.00'
L = 60.78'
T = 31.36'

NOTE
FOR CURB TIES AT RAMP ISLANDS AND ROUTE 15 ISLANDS SEE GRADING PLANS.

DATUM
VERTICAL
HORIZONTAL