

REMOVAL AND DISPOSAL OF GUARDRAIL
STA 257+51.2 - 260+75.0 RT

STEEL BEAM GUARDRAIL, GALVANIZED
STA 260+57.1 - 260+75.0 LT
STA 258+29.8 - 260+75.0 RT

RELOCATE MAILBOX, SINGLE SUPPORT
STA 259+00.0 LT

COARSE-MILLING, BITUMINOUS PAVEMENT
STA 259+98.0 - 260+53.0 (DRIVE WAY)

CONSTRUCT GRAVEL DRIVE
STA 258+84.6 - 259+25.8 LT
STA 259+82.4 - 260+71.0 LT

REMOVE & RESET MAILBOX,
SINGLE SUPPORT
STA 259+22.0 LT

MANUFACTURED TERMINAL SECTION, FLARED
STA 257+93.1 - 258+29.8 RT

ANCHOR FOR STEEL BEAM RAIL
STA 260+71.00 LT

**BEGIN R.O.W. PROJECT
RICHMOND IM 089-2(52)
STA. 258+85, 44.51' LT**

VTHD
4x4 CONCRETE
BOUNDARY MARKER
UP 4"

N42°59'19"W L: 161.30'

FIRE STATION

N/F
287 EAST MAIN STREET LLC

BEGIN APPROACH RICHMOND
IM 089-2(52) STA 256+75.00 =
STOP RICHMOND- BOLTON
STP 2942(I) STA R 159+55.83

BEGIN PROJECT
STA 257+75.00

N/F
**GLABICKY, DANIEL;
GLABICKY, JANINA**

TOWN OF RICHMOND

APPROX. EXISTING STATE R.O.W.
S48°43'59"E L: 233.89'

**GLABICKY, DANIEL;
GLABICKY, JANINA**

APPROX. EXISTING STATE R.O.W.
S39°6'34"E L: 154.00'

INSTALL(T)

CONST(T)

259+34±
64.46' LT

UE(P)

SR(T)

S51°0'31"E L: 174.02'

US ROUTE 2
TO WILLISTON

TIE LINE
N43°40'48"E

256+50

S38°15'52.61"E

257+00

PROPOSED US ROUTE 2

258+00

259+00

260+00

US ROUTE 2
TO BOLTON

TH-48
LEMROY CT

VTHD
4x4 CONCRETE
BOUNDARY MARKER

APPROX. EXISTING STATE R.O.W.

N=693750.62
E=1512681.89

TEMPORARY
CONSTRUCTION
LIMITS

REMOVE EXISTING
PAVEMENT REPLACE
WITH 6" OF TOPSOIL

MATCH LINE
STA 260+75

LINES SHOWN ON THIS PLAN AS EXISTING
PROPERTY LINES P/L ARE BELIEVED TO
BE ACCURATE BUT SHOULD NOT BE RELIED
UPON FOR PURPOSES UNRELATED TO THE
STATE OF VERMONT'S ACQUISITION OF LAND
AND RIGHTS FOR THIS PROJECT.

**FOR R.O.W.
USE ONLY**

SCALE 1" = 20' - 0"
20 0 20

PROJECT NAME: RICHMOND
PROJECT NUMBER: IM 089-2(52)

FILE NAME: r16a183lay1.dgn
PROJECT LEADER: C. COTA
DESIGNED BY: D. PETERSON
R.O.W. LAYOUT SHEET 1

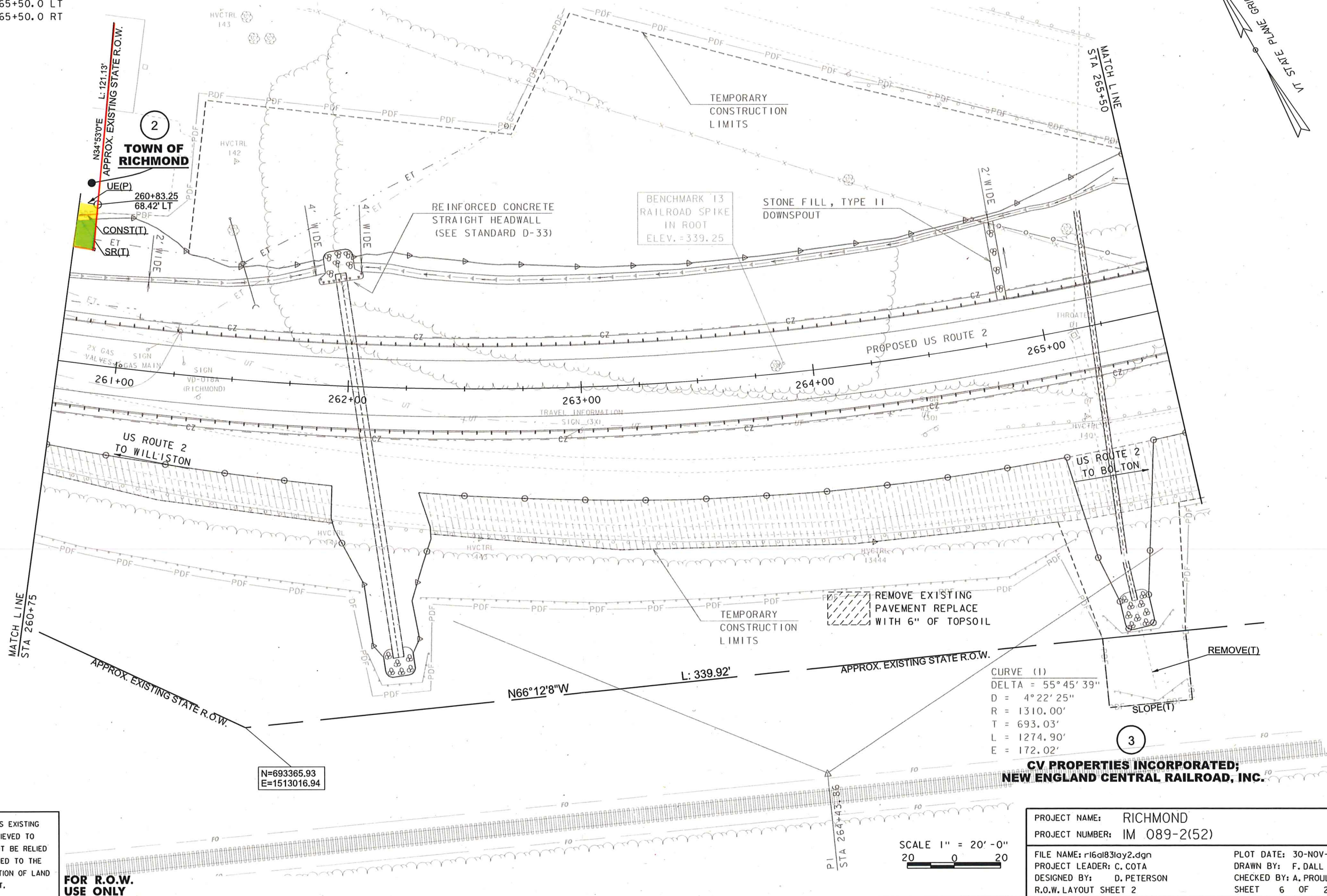
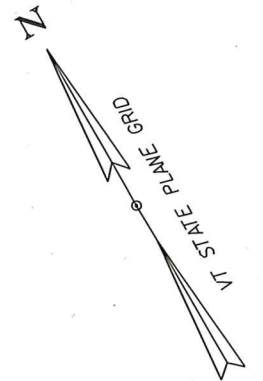
PLOT DATE: 30-NOV-2021
DRAWN BY: F. DALL
CHECKED BY: A. PROULX
SHEET 5 OF 20

REMOVAL AND DISPOSAL OF GUARDRAIL
 STA 264+72.9 - 265+50.0 LT
 STA 260+75.0 - 265+50.0 RT

REMOVING OF EXISTING FENCE
 STA 264+77.3 - 265+50.0 LT

CHAIN-LINK FENCE, 6 FEET
 STA 264+77.8 LT - 265+45.0 RT

STEEL BEAM GUARDRAIL, GALVANIZED
 STA 260+75.0 - 265+50.0 LT
 STA 260+75.0 - 265+50.0 RT



CURVE (1)
 DELTA = 55°45'39"
 D = 4°22'25"
 R = 1310.00'
 T = 693.03'
 L = 1274.90'
 E = 172.02'

CV PROPERTIES INCORPORATED;
 NEW ENGLAND CENTRAL RAILROAD, INC.

PROJECT NAME: RICHMOND
 PROJECT NUMBER: IM 089-2(52)

FILE NAME: r16a183lay2.dgn
 PROJECT LEADER: C. COTA
 DESIGNED BY: D. PETERSON
 R.O.W. LAYOUT SHEET 2

PLOT DATE: 30-NOV-2021
 DRAWN BY: F. DALL
 CHECKED BY: A. PROULX
 SHEET 6 OF 20

SCALE 1" = 20'-0"
 20 0 20

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

FOR R.O.W. USE ONLY

N=693365.93
 E=1513016.94

GENERAL INFORMATION

SYMBOLGY LEGEND NOTE

THE SYMBOLGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLGY. THE SYMBOLGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R. O. W. ABBREVIATIONS (CODES) & SYMBOLS

POINT CODE	DESCRIPTION
BF	BARRIER FENCE
CH	CHANNEL EASEMENT
CONST	CONSTRUCTION EASEMENT
CUL	CULVERT EASEMENT
D&C	DISCONNECT & CONNECT
DIT	DITCH EASEMENT
DR	DRAINAGE EASEMENT
DRIVE	DRIVEWAY EASEMENT
EC	EROSION CONTROL
HWY	HIGHWAY EASEMENT
I&M	INSTALL & MAINTAIN EASEMENT
LAND	LANDSCAPE EASEMENT
PDF	PROJECT DEMARCATION FENCE
R&RES	REMOVE & RESET
R&REP	REMOVE & REPLACE
R.T. & I.	RIGHT, TITLE, AND INTEREST
SR	SLOPE RIGHT
UE	UTILITY EASEMENT
(P)	PERMANENT EASEMENT
(T)	TEMPORARY EASEMENT
■	BNDNS BOUND SET
⊠	BNDNS BOUND TO BE SET
⊙	IPNF IRON PIN FOUND
●	IPNS IRON PIN TO BE SET
⊠	CALC EXISTING ROW POINT
○	PROW PROPOSED ROW POINT
[LENGTH]	LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT CODE	DESCRIPTION
⊠	APL BOUND APPARENT LOCATION
○	BM BENCHMARK
□	BND BOUND
⊠	CB CATCH BASIN
⊙	COMB COMBINATION POLE
⊠	DITHR DROP INLET THROATED DNC
⊙	EL ELECTRIC POWER POLE
○	FPOLE FLAGPOLE
○	GASFIL GAS FILLER
○	GP GUIDE POST
⊠	GSO GAS SHUT OFF
○	GUY GUY POLE
○	GUYW GUY WIRE
⊠	GV GATE VALVE
⊙	H TREE HARDWOOD
△	HCTRL CONTROL HORIZONTAL
△	HVCTRL CONTROL HORIZ. & VERTICAL
○	HYD HYDRANT
○	IP IRON PIN
○	IPIPE IRON PIPE
⊙	LI LIGHT - STREET OR YARD
⊙	MB MAILBOX
○	MH MANHOLE (MH)
□	MM MILE MARKER
○	PM PARKING METER
□	PMK PROJECT MARKER
○	POST POST STONE/WOOD
⊠	RRSIG RAILROAD SIGNAL
⊙	RRSL RAILROAD SWITCH LEVER
⊙	S TREE SOFTWOOD
⊙	SAT SATELLITE DISH
⊙	SHRUB SHRUB
⊙	SIGN SIGN
⊙	STUMP STUMP
⊙	TEL TELEPHONE POLE
○	TIE TIE
⊙	TSIGN SIGN W/DOUBLE POST
⊙	VCTRL CONTROL VERTICAL
○	WELL WELL
⊠	WSO WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADIUS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE
CB	CHORD BEARING

UTILITY SYMBOLGY

UNDERGROUND UTILITIES

— UGU —	UTILITY (GENERIC-UNKNOWN)
— UT —	TELEPHONE
— UE —	ELECTRIC
— UC —	CABLE (TV)
— UEC —	ELECTRIC+CABLE
— UET —	ELECTRIC+TELEPHONE
— UCT —	CABLE+TELEPHONE
— UECT —	ELECTRIC+CABLE+TELEPHONE
— G —	GAS LINE
— W —	WATER LINE
— S —	SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

— AGU —	UTILITY (GENERIC-UNKNOWN)
— T —	TELEPHONE
— E —	ELECTRIC
— C —	CABLE (TV)
— EC —	ELECTRIC+CABLE
— ET —	ELECTRIC+TELEPHONE
— AER E&T —	ELECTRIC+TELEPHONE
— CT —	CABLE+TELEPHONE
— ECT —	ELECTRIC+CABLE+TELEPHONE
—	UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLGY

PROJECT DESIGN & LAYOUT SYMBOLGY

— — — — — CZ — — — — —	CLEAR ZONE
— — — — —	PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

△ — △ — △ — △ — △	TOP OF CUT SLOPE
○ — ○ — ○ — ○ — ○	TOE OF FILL SLOPE
⊙ ⊙ ⊙ ⊙ ⊙ ⊙	STONE FILL
— — — — —	BOTTOM OF DITCH
— — — — —	CULVERT PROPOSED
— — — — —	STRUCTURE SUBSURFACE
PDF — — — — — PDF	PROJECT DEMARCATION FENCE
BF — — — — — BF	BARRIER FENCE
XXXXXXXXXXXXXXXXXXXX	TREE PROTECTION ZONE (TPZ)
//// //// //// ////	STRIPING LINE REMOVAL
~~~~ ~~~~ ~~~~ ~~~~	SHEET PILES

**CONVENTIONAL BOUNDARY SYMBOLGY**

**BOUNDARY LINES**

— — — — — TOWN LINE	TOWN BOUNDARY LINE
— — — — — COUNTY LINE	COUNTY BOUNDARY LINE
— — — — — STATE LINE	STATE BOUNDARY LINE
— — — — —	PROPOSED STATE R.O.W. (LIMITED ACCESS)
— — — — —	PROPOSED STATE R.O.W.
— — — — —	STATE ROW (LIMITED ACCESS)
— — — — —	STATE ROW
— — — — —	TOWN ROW
— — — — —	PERMANENT EASEMENT LINE (P)
— — — — —	TEMPORARY EASEMENT LINE (T)
— — — — —	SURVEY LINE
— — — — —	PROPERTY LINE (P/L)
— — — — — SR	SLOPE RIGHTS
6f — — — — — 6f	6F PROPERTY BOUNDARY
4f — — — — — 4f	4F PROPERTY BOUNDARY
HAZ — — — — — HAZ	HAZARDOUS WASTE

**EPSC LAYOUT PLAN SYMBOLGY**

**EPSC MEASURES**

ONNOONNOONNO	FILTER CURTAIN
— — — — —	SILT FENCE
— — — — —	SILT FENCE WOVEN WIRE
— — — — —	CHECK DAM
— — — — —	DISTURBED AREAS REQUIRING RE-VEGETATION
— — — — —	EROSION MATTING

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLGY

**ENVIRONMENTAL RESOURCES**

— — — — —	WETLAND BOUNDARY
— — — — —	RIPARIAN BUFFER ZONE
— — — — —	WETLAND BUFFER ZONE
— — — — —	SOIL TYPE BOUNDARY
— — — — — T&E	THREATENED & ENDANGERED SPECIES
HAZ — — — — — HAZ	HAZARDOUS WASTE AREA
— — — — — AG	AGRICULTURAL LAND
— — — — — HABITAT	FISH & WILDLIFE HABITAT
— — — — — FLOOD PLAIN	FLOOD PLAIN
— — — — — OHW	ORDINARY HIGH WATER (OHW)
— — — — —	STORM WATER
— — — — —	USDA FOREST SERVICE LANDS
— — — — —	WILDLIFE HABITAT SUIT/CONN

**ARCHEOLOGICAL & HISTORIC**

— — — — — ARCH	ARCHEOLOGICAL BOUNDARY
— — — — — HISTORIC DIST	HISTORIC DISTRICT BOUNDARY
— — — — — HISTORIC	HISTORIC AREA
(H)	HISTORIC STRUCTURE

**CONVENTIONAL TOPOGRAPHIC SYMBOLGY**

**EXISTING FEATURES**

— — — — —	ROAD EDGE PAVEMENT
— — — — —	ROAD EDGE GRAVEL
— — — — —	DRIVEWAY EDGE
— — — — —	DITCH
— — — — —	FOUNDATION
— — — — —	FENCE (EXISTING)
— — — — —	FENCE WOOD POST
— — — — —	FENCE STEEL POST
— — — — —	GARDEN
— — — — —	ROAD GUARDRAIL
— — — — —	RAILROAD TRACKS
— — — — —	CULVERT (EXISTING)
— — — — —	STONE WALL
— — — — —	WALL
— — — — —	WOOD LINE
— — — — —	BRUSH LINE
— — — — —	HEDGE
— — — — —	BODY OF WATER EDGE
— — — — —	LEDGE EXPOSED

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 PROJECT NUMBER: IM 089-2(52)  
 FILE NAME: r16a183legend.dgn  
 PROJECT LEADER: C. COTA  
 DESIGNED BY: M. LONGSTREET  
 CONVENTIONAL SYMBOLGY LEGEND  
 PLOT DATE: 30-NOV-2021  
 DRAWN BY: M. LONGSTREET  
 CHECKED BY: M. LONGSTREET  
 SHEET 2 OF 20