R.O.W. PLANS

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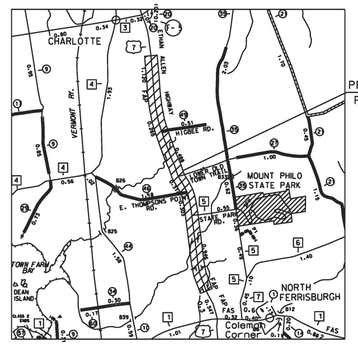
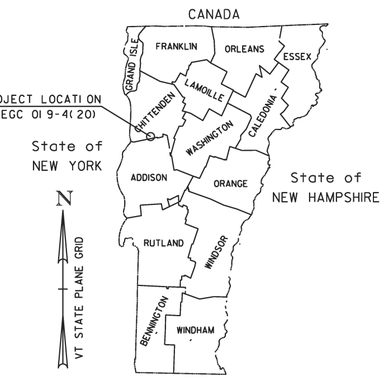
111-112	LANDSCAPE DETAIL SHEETS
113-132	LANDSCAPE LAYOUT SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION





PROPOSED IMPROVEMENT
TOWN OF CHARLOTTE
COUNTY OF CHITTENDEN
US ROUTE 7 (PRINCIPAL ARTERIAL)

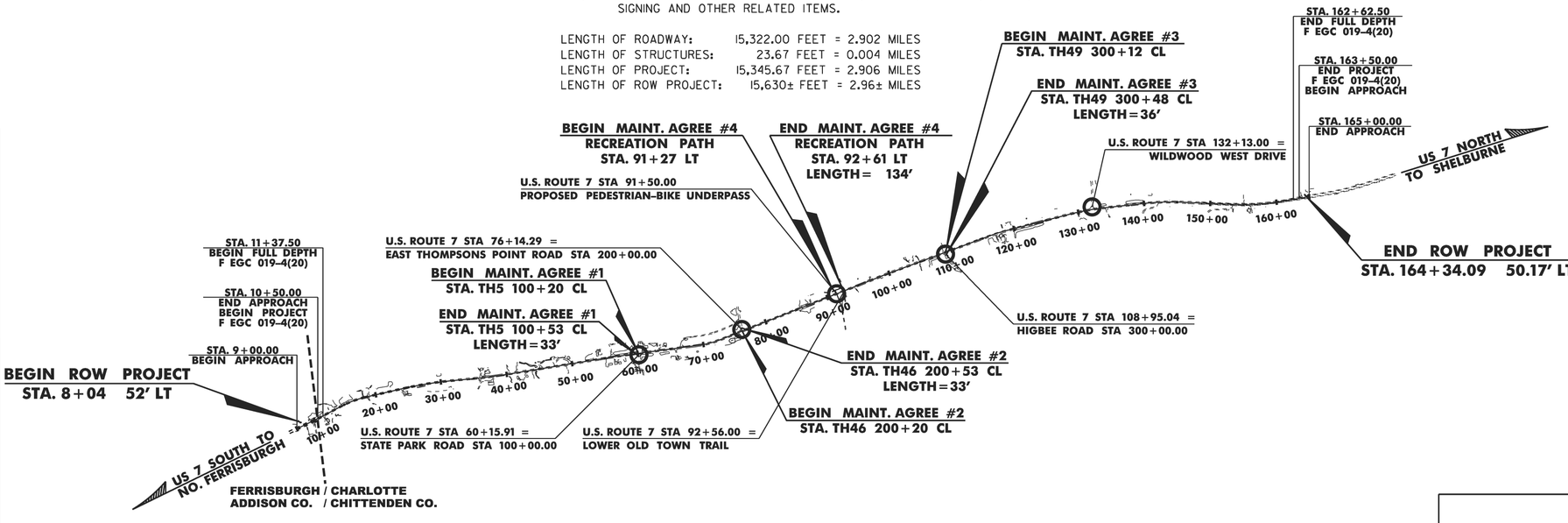
PROJECT LOCATION:
BEGINNING AT THE FERRISBURGH-CHARLOTTE TOWN LINE AND EXTENDING NORTHERLY 2.93 MILES TO A POINT APPROXIMATELY 1/2 MILE SOUTH OF THE ROUTE F-5 INTERECTION WITH U.S. ROUTE 7

PROJECT DESCRIPTION:
WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES THE REMOVAL AND DISPOSAL OF THE EXISTING CONCRETE ROAD, WIDENING AND FULL DEPTH RECONSTRUCTION, GRADING, DRAINAGE, PAVING, SIGNING AND OTHER RELATED ITEMS.

LENGTH OF ROADWAY:	15,322.00 FEET	= 2.902 MILES
LENGTH OF STRUCTURES:	23.67 FEET	= 0.004 MILES
LENGTH OF PROJECT:	15,345.67 FEET	= 2.906 MILES
LENGTH OF ROW PROJECT:	15,630± FEET	= 2.96± MILES

N

VT STATE PLANE GRID



EXISTING RIGHT OF WAY OF ROUTE 7 ON THESE PLANS IS BASED UPON A SURVEY BY THE VERMONT AGENCY OF TRANSPORTATION ENTITLED "RIGHT OF WAY PLAT - TOWN OF CHARLOTTE - US ROUTE 7 -MM 0.00-3.20" DATED 02/17/2011 AND RECORDED IN THE TOWN OF CHARLOTTE LAND RECORDS.

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 V.S.A. § 1111.

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS SR SR SR
TOP OF CUT
TOE OF SLOPE

SUBJECT TO STORMWATER PERMIT #3438 - INDS

SURVEYED BY : VTRANS
SURVEYED DATE : 2009

DATUM
VERTICAL: NGVD 88
HORIZONTAL: NAD (96)

BITUMINOUS CONCRETE PAVEMENT SUPER PAVE DESIGN MIXTURE CRITERIA

DESIGN LIFE ESAL'S (DESIGN LANE)	9,788,000
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADED ASPHALT BINDER	SEE SECTION 490 GENERAL SPECIAL PROVISIONS

0 1000 2000
SCALE IN FEET

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

PLOT DATE: 03-APR-2013

APPROVED RICHARD TETREAULT DATE 02-11-13
Director of Program Development

APPROVED ROBERT M. WHITE DATE 02-11-13
Chief of Right of Way

CHARLOTTE
F EGC 019-4(20)
ROW SHEET 1 OF 132 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ALPI

GRANTOR	DETAIL SHEET NO.	LAYOUT SHEET NO.	PARCEL NO.
A			
AMBLO, BARBARA H.	11	28	31
AMBLO, JAMES A. & BARBARA H.	6	19, 20	11
ARNOLD, DAWN R.	6	17-19	9
AUBE, MARK M. & PATTIE A.	7	19	12
AUBE, PAULA C.	7	20	14
B			
BARRY, BRUCE	13	20, 21	47
BEATTY, RUSSELL D. & MELISSA A.	10	26-28	27
BOUCHARD, GERALD A. & MICHAELEEN J.	11	29, 30	34
BOWER, ANTHONY D., JR. & JOSIFINA R., a/k/a JOSEFINA BOWER	8	21	18
C			
JOYCE CAMERON & WALLACE, JACK C.	14	29, 30	54
CHAMPLAIN VALLEY COHOUSING DEVELOPMENT COMPANY, LLC	9	25, 26	23 A-B
CHARLOTTE, TOWN OF	13	21,23,25,27,28	46 A-F
CHARLOTTE, TOWN OF	10	25-28	28 A-B
COLANGELI, STEVEN J. & CORINNE M. HAYES-COLANGELI	8	24, 25	21
COMPANION, DEREK J. & JENNIFER P., a/k/a KEVLIN, JENNIFER P.	9	21, 22	22
D			
DYKEMA, BEN A. & KRISTINE L.	4	15	2 A-B
E			
ENGELBERTH, OTTO A. - LESSOR; GUNLOCK, STEFAN - LESSEE	9	24	25
F			
FISHER, CHRISTOPHER J.	10	21	29

GREEN
HAIGH
HARRIN
HINSDA
HINSDA
HOYT,
KARYN
L. & E.
LACHA
LEBOE
LONGE
MACK,
MAHON
MARTIN
MESSIE
MONNI
NUMON
PALME
PAYNE

STATE OF VERMONT
AGENCY OF TRANSPORTATION

ALPHABETICAL INDEX SHEET

RIGHT OF WAY PLANS

GRANTOR	DETAIL SHEET NO.	LAYOUT SHEET NO.	PARCEL NO.
W			
WALLACE, JACK C. & JOYCE CAMERON	14	29, 30	54
WEST, MICHELLE M.	4	15, 16	3
WHITE, ERIC J. & PENNY L.	12	15	44
WILDWOOD WEST HOMEOWNER'S ASSOCIATION, INCORPORATED	13	30	45
Y			
YANDOW, RICHARD A.	14	15	50 A-B
YOUNG, KRISTIAN L. & JESSICA J.	14	29-30	56

GRANTOR	DETAIL SHEET NO.	LAYOUT SHEET NO.	PARCEL NO.

GRANTOR	DETAIL SHEET NO.	LAYOUT SHEET NO.	PARCEL NO.

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME:	**CHARLOTTE**
PROJECT NUMBER:	**FEGC 019-4(20)**
FILE NAME:	**r78d062Alpha.xls**
PROJECT LEADER:	**K. UPMAL**
DESIGNED BY:	**B. KIPP**
ALPHABETICAL INDEX SHEET	
PLOT DATE:	23-JUN-2015
DRAWN BY:	**M. TROTTIER**
CHECKED BY:	**E. PIERCE**
SHEET	3 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIG

TABLE OF

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE AREA±	RE
1	MARTIN, SAMUEL D.	15	10+27.68 RT	12+57.59 RT	0.25 A	
			10+08 RT	11+25 RT		
			11+24 RT			
			11+50 RT			
			11+63 RT	12+02 RT		
2	DYKEMA, BEN A. & KRISTINE L., joined by	15	10+63.97 LT	13+74.00 LT	0.35 A	
	VERMONT LAND TRUST, INC.		10+66 LT	12+56 LT		
			11+72 LT	12+54 LT		
			12+54 LT	12+80 LT		
			12+75 LT	13+83 LT		
			12+80 LT	13+76 LT		
			13+74.00 LT	13+80.27 LT		
3	WEST, MICHELLE M.	15, 16	13+84.33 RT	18+04.27 RT	0.46 A	
			13+84.33 RT	13+99.30 RT		
			17+74 RT	18+04 RT		
			17+87 RT	18+04.27 RT		
4	ROH, WOOKSANG & WON, JULIE A.	15, 16	13+70.69 RT	18+97.93 LT	0.66 A	
			13+74.00 LT	13+80.27 LT		
			13+74.00 LT	13+88 LT		
			13+74.00 LT	18+66 LT		
			13+99 LT	18+00 LT		
			17+50 LT			
			18+10 LT			
			18+24 LT	18+25 LT		
			18+80 LT	18+92 LT		

PLAN LEGEND

EXISTING RIGHT-OF-WAY

TAKING WITH ACCESS

TAKING WITHOUT ACCESS

CLEAR ZONE (CZ)

PROPERTY LINE (P L)

TO

TO

SL

CO

PR

SR (P)

CONST. (T)

PDF ——— PDF

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGI

TABLE OF P

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE AREA±	REM A
5	MONNIERE, EDWARD J. & JACINTA M.	16	17+95.82 RT	23+94.43 LT	0.79 A	
			18+04 RT	23+89.80 RT		
			18+14 RT			
			18+23 RT	18+85 RT		
			18+58 RT	18+82 RT		
			18+75 RT	18+93 RT		
			18+75 RT			
			18+90 RT	19+94 RT		
			18+91 RT	19+04 RT		
			18+92 RT	23+77 RT		
			19+50 RT	23+60 RT		
			19+50 RT	23+60 RT		
			19+70 RT	23+50 RT		
			21+76 RT	23+13 RT		
			22+33 RT			
			23+89.80 RT	23+90.88 RT		
6	PAYNE, JEFFREY T.	16, 17	18+88.33 LT	26+35.14 LT	0.71 A	
			18+82.00 LT			
			22+33 LT			
			23+15 LT	26+35 LT		
			25+15 LT	26+28 LT		
			25+57 LT	26+35.14 LT		
			26+35.14 LT	26+35.17 LT		
7	SORRELL, RAYMOND F., TRUSTEE FOR	16, 17	23+89.80 RT	26+29.76 RT	0.27 A	
	THE SORRELL FAMILY TRUST		23+89.80 RT	23+90.88 RT		
			23+88 RT	25+53 RT		
			24+08 RT			
			24+22 RT	25+25 RT		
			24+35 RT			
			26+27.08 RT	26+27.65 RT		
8	SNOW, JOHN R. & CAROL K.	17, 18	26+27.08 RT	38+40.24 RT	1.37 A	
			26+27.08 RT	26+27.65 RT		
			26+60 RT	27+42 RT		
			29+72 RT	32+03 RT		
			30+08 RT	31+82 RT		
			30+71 RT	32+68 RT		
			32+71 RT	33+73 RT		
			35+85 RT			
			35+95 RT			
			36+91 RT	38+41 RT		
			38+10 RT			
			38+40.16 RT	38+40.24 RT		

PLAN LEGEND

EXISTING RIGHT-OF-WAY
TAKING WITH ACCESS
TAKING WITHOUT ACCESS
CLEAR ZONE (CZ)
PROPERTY LINE (P/L)
TOE
TOP
SLO
CON
PRO
SR (P)
CONST.(T)
PDF

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL S

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
9	ARNOLD, DAWN R.	17-19	26+32.52 RT	42+10.63 LT	1.87 A		ALL R. T. & I.			WD	05/27/14	CHARLOTTE	213	303-305	US
			26+35.14 LT	26+35.17 LT			REMOVE & REPLACE	(T)							IP
			26+35 LT	27+99 LT			SLOPE	(T)	3,900 SF						
			26+35 LT	34+25 LT			DETOUR	(T)	0.53 A						INC
			26+36 LT	34+97 LT			REMOVE & RESET	(T)							ELE
			28+02 LT	29+84 LT			SLOPE	(T)	1,100 SF						
			30+59 LT	33+20 LT			SLOPE	(T)	2,700 SF						
			31+00 LT	34+30 LT			LANDSCAPE	(T)							PLA
			34+25 LT	35+55 LT			CONST	(T)	890 SF						INC
			34+96 LT	36+06 LT			INSTALL	(T)							WC
			35+81 LT	36+13 LT			CONST	(T)	400 SF						INC
			35+82 LT				INSTALL & MAINT	(P)							GU
			35+89 LT	36+06 LT			REMOVE	(T)							WC
			36+00 LT				DRIVE	(T)							15'
			36+28 LT	36+36 LT			CONST	(T)	210 SF						INC
			36+49 LT	36+64 LT			CONST	(T)	150 SF						INC
			36+70 LT				DRIVE	(T)							12'
			37+73 LT				INSTALL & MAINT	(P)							GU
			37+75 LT	39+57 LT			CONST	(T)	1,475 SF						INC
			37+80 LT	40+27 LT			INSTALL	(T)							WC
			37+97 LT	38+22 LT			SLOPE	(T)	20 SF						
			39+57 LT	41+59 LT			DETOUR	(T)	2,290 SF						INC
			40+08 LT	40+82 LT			CONST	(T)	950 SF						INC
			40+14 LT	40+82 LT			DIT, DR	(P)	1,100 SF						INC
			40+53 LT	41+56 LT			INSTALL	(T)							WC
			41+56 LT				REMOVE & RESET	(T)							OR
			41+69 LT				DRIVE	(T)							20'
			41+73 LT	42+11 LT			UTILITY	(P)	400 SF						
			41+81 LT	42+11 LT			CONST	(T)	300 SF						INC
			41+81 LT				REMOVE & RESET	(T)							OR
10	STRONG, RODNEY L. & MARIELLE N.	18, 19	38+39.34 LT	43+64.24 RT	0.59 A		ALL R. T. & I.			WD	09/03/14	CHARLOTTE	214	643-645	US
			38+40.16 RT	38+40.24 RT			REMOVE & REPLACE	(T)							IP
			38+40.24 RT	40+94 RT			CONST	(T)	1,800 SF						INC
			38+52 RT	40+10 RT			SLOPE	(P)	830 SF						SUE
			39+74 RT	41+13 RT			UTILITY	(P)	260 SF						
			39+79 RT				INSTALL & MAINT	(P)							GU
			40+10 RT	40+84 RT			DIT, DR	(P)	805 SF						INC
															UNI
			40+99 RT				INSTALL & MAINT	(P)							GU
			42+54 RT	42+73 RT			CONST	(T)	70 SF						INC
			42+78 RT	43+01 RT			CONST	(T)	190 SF						INC
			43+04 RT				DRIVE	(T)							11'
			43+37 RT	43+64 RT			DETOUR	(T)	70 SF						INC
			43+63.80 RT	43+63.86 RT			REMOVE & REPLACE	(T)							IP
11	AMBLO, JAMES A. & BARBARA H.	19, 20	42+10.24 LT	50+07.35 LT	0.90 A		ALL R. T. & I.			WD	10/16/13	CHARLOTTE	210	140-142	US
			42+10.63 LT	43+24 LT			CONST	(T)	1,000 SF						INC
			42+11 LT	44+33 LT			UTILITY	(P)	2,500 SF						
			42+13 LT				REMOVE	(T)							WC
			42+13 LT	44+70 LT			INSTALL	(T)							WC
			42+41 LT	42+55 LT			SLOPE	(T)	20 SF						
			43+54 LT	45+09 LT			CONST	(T)	900 SF						INC
			43+62 LT	44+79 LT			DIT, DR	(P)	2,100 SF						INC
			43+98 LT				INSTALL & MAINT	(P)							GU
			44+32 LT	44+68 LT			REMOVE	(T)							BAI
			44+50 LT	45+08 LT			SLOPE	(T)	440 SF						
			45+09 LT	45+40 LT			DRIVE	(T)	180 SF						20'
			45+29 LT	47+14 LT			INSTALL	(T)	1,900 SF						PDI
			45+71 LT	45+93 LT			INSTALL & MAINT	(P)							AEI
															WI
			45+80 LT	47+27 LT			SLOPE	(T)	900 SF						
			46+00 LT	48+00 LT			LANDSCAPE	(T)							PLA
			47+43 LT	47+72 LT			INSTALL	(T)	250 SF						PDI
			47+14 LT	47+73 LT			DRIVE	(T)	1,400 SF						29'
			47+57 LT	48+20 LT			SLOPE	(T)	500 SF						
			47+73 LT	49+46 LT			INSTALL	(T)	1,400 SF						PDI
			49+66 LT				DRIVE	(T)							32'
			49+72 LT	50+08 LT			INSTALL	(T)	300 SF						PDI

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APP

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
12	AUBE, MARK M. & PATTIE A.	19	43+63.86 RT	46+63.81 RT	0.34 A		ALL R. T. & I.			WD	12/11/13	CHARLOTTE	211	95-96	US RTE 7 HWY EASE.; 14,930 SF±
			43+63.80 RT	43+63.86 RT			REMOVE & REPLACE	(T)							IP
			43+63.86 RT	46+63.42 RT			DETOUR	(T)	3,120 SF						INCL. PDF, BF
			43+93 RT												13' GRAVEL DRIVE; MM 0063
			44+05 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			44+22 RT	44+50 RT			CONST	(T)	236 SF						INCL. BF
			44+29 RT	44+48 RT			CHANNEL	(P)	380 SF						INCL. STONE FILL
			46+09 RT	46+63.42 RT			UTILITY	(P)	410 SF						
			46+36 RT	46+49 RT			INSTALL & MAINT	(P)							(2) GUY WIRE & ANCHOR
			46+63.42 RT	46+63.53 RT			REMOVE & REPLACE	(T)							IP
13	MESSIER, LINDA L.	19, 20	46+63.42 RT	49+65.31 RT	0.35 A		ALL R. T. & I.			WD	05/05/14	CHARLOTTE	213	33-34	US RTE 7 HWY EASE.; 15,060 SF±
			46+63.42 RT	46+63.53 RT			REMOVE & REPLACE	(T)							IP
			46+63 RT	49+12 RT			UTILITY	(P)	2,100 SF						
			46+63 RT	49+65 RT			DETOUR	(T)	2,400 SF						INCL. PDF
			48+88 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			49+17 RT				DRIVE	(T)							13' GRAVEL; MM 0073
			49+64.92 RT	49+65.10 RT			REMOVE & REPLACE	(T)							IP
14	AUBE, PAULA C.	20	49+64.92 RT	54+32.54 RT	0.54 A		ALL R. T. & I.			WD	08/08/14	CHARLOTTE	214	433	US RTE 7 HWY EASE.; 23,330 SF±
			49+64.92 RT	49+65.10 RT			REMOVE & REPLACE	(T)							IP
			49+65 RT	52+81 RT			DETOUR	(T)	1,100 SF						INCL. PDF
15	HINSDALE, CAROL A.	20, 21	50+06.97 RT	56+27.09 RT	0.70 A		ALL R. T. & I.			WDIF	11/22/13	CHARLOTTE	210	528-529	US RTE 7 HWY EASE.; 30,655 SF±
			50+07 LT	53+38 LT			CONST	(T)	2,480 SF						INCL. PDF
			50+59 LT	53+45 LT			UTILITY	(P)	3,760 SF						
			50+89 LT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			51+50 LT	52+25 LT			SLOPE	(P)	130 SF						SUBJECT TO STORMWATER PERMIT
			53+16 LT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			53+26 LT	55+02 LT			REMOVE & RESET	(T)							WOOD PICKET FENCE
			54+14 LT	56+27 LT			DETOUR	(T)	605 SF						INCL. PDF, EC
			54+68 LT				INSTALL & MAINT	(P)							UTILITY SERVICE POLE
			55+00 LT				LANDSCAPE	(T)							PLANT TREE
			55+91 LT				REMOVE	(T)							WOOD SIGN
			56+10 LT				DRIVE	(T)							21' GRAVEL; MM 0086
16	STEWART, JAY R. & PAULA J.	21	56+32.29 RT	58+33.50 RT	0.23 A		ALL R. T. & I.			WD	07/16/15	CHARLOTTE	219	60-61	US RTE 7 HWY EASE.; 9,930 SF±
			56+32 RT	56+36 RT			INSTALL	(T)	16 SF						PDF
			56+50 RT												30' PAVED DRIVE MM 0087
			56+92 RT	57+87 RT			INSTALL	(T)	780 SF						PDF
			57+54 RT	58+34 RT			DRIVE	(T)	2,010 SF						30' PAVED 58+00 RT, MM 0090
			58+11 RT	58+34 RT			INSTALL	(T)	370 SF						PDF
17	SOLOMON, MICHAEL A.	21	56+26.93 LT	59+41.66 RT	0.36 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 15,550 SF±
			56+26.93 LT	56+42 LT			DETOUR	(T)	17 SF						INCL. PDF

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P/L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #4

PLOT DATE: 30-JUL-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 7 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
18	BOWER, ANTHONY D., JR. & JOSIFINA R.	21	58+32.43 RT	60+14.54 RT	0.21 A		ALL R. T. & I.			WD	03/02/15	CHARLOTTE	217	93-95	US RTE 7 HWY EASE.; 9,020 SF±
	a/k/a JOSEFINA BOWER		58+34 RT	58+38 RT			SLOPE	(T)	14 SF						
			58+34 RT	58+51 RT			INSTALL	(T)	190 SF						PDF
			59+20 RT				REMOVE	(T)							COMMERCIAL SIGN IN ROW
			59+75 RT	59+82 RT			INSTALL	(T)	23 SF						PDF
			59+81.37 RT	59+81.48 RT			REMOVE & REPLACE	(T)							IP
19	PALMER, ALAN D. & CHRISTINE L.	21, 34	59+40.60 LT	63+01.43 LT	0.41 A		ALL R. T. & I.			WD	02/12/15	CHARLOTTE	216	588-590	US RTE 7 HWY EASE.; 17,795 SF±
	(Inset shown on sheet 34)		59+64 LT	60+09 LT			INSTALL	(T)	470 SF						PDF & EC
			59+84 LT	60+33 LT			DRIVE	(T)	500 SF						12' GRAVEL 60+16 MM 0095
			60+21 LT	60+47 LT			INSTALL	(T)	306 SF						PDF & EC
			60+24 LT												MONITOR WELL W-1
			62+45 LT	62+49 LT			INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			62+49 LT	63+00.37 LT			UTILITY	(P)	0.49 A						21,480 SF±
			62+54 LT	62+99 LT			CONST	(T)	610 SF						INCL. PDF & EC
			62+67 LT	63+00 LT			SLOPE	(T)	630 SF						
20	NUMONDO AMERICA L.P.; JOINED BY	21-25	60+13.47 RT	92+29.72 RT	3.73 A		ALL R. T. & I.			WD	03/31/15	CHARLOTTE	217	476-481	US RTE 7 HWY EASE.; 162,650 SF±
	VERMONT LAND TRUST, INC.; VERMONT		60+47 RT	62+25 RT			LANDSCAPE	(T)	3,090 SF						CLEAR & PLANT TREES; INCL. PDF
	DEPARTMENT OF AGRICULTURE, FOOD		60+47 RT	60+82 RT			UTILITY	(P)	1,360 SF						
	AND MARKETS; VERMONT HOUSING AND		60+48 RT	62+25 RT			CONST	(T)	3,160 SF						INCL. PDF
	CONSERVATION BOARD; JACQUELINE P.		61+77 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
	HAIGHT, LIFE ESTATE		61+99 RT	68+00 RT			DETOUR	(T)	0.25 A						INCL. PDF & DUST FENCE; 10,900 SF±
			62+94 RT	64+50 RT			REMOVE	(T)							STONE WALL
			63+32 RT	64+73 RT			LANDSCAPE	(T)	2,970 SF						CLEAR & PLANT TREES; INCL. PDF
			63+65 RT	64+31 RT			UTILITY	(P)	840 SF						
			65+26 RT	66+00 RT			DRIVE	(T)	1,900 SF						20' GRAVEL 65+81 MM 0105
			65+45 RT	65+70 RT			INSTALL	(T)	630 SF						PDF, DUST FENCE & TREE PROTECTION
															FENCE
			65+54 RT				LANDSCAPE	(T)							PLANT TREE
			65+90 RT	66+29 RT			REMOVE	(T)	300 SF						PORTIONS OF LAVENDER BED
			65+92 RT	66+02 RT			INSTALL	(T)	200 SF						PDF
			66+00 RT	67+38 RT			SLOPE	(T)	500 SF						
			67+97 RT	71+33 RT			UTILITY	(P)	3,300 SF						
			68+00 RT	68+56 RT			CONST	(T)	660 SF						INCL. BF
			68+10 RT	69+33 RT			DRIVE	(T)	1,260 SF						20' GRAVEL 68+67 MM 0110
			68+13 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			68+77 RT	69+66 RT			CONST	(T)	650 SF						INCL. BF
			70+44 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			72+20 RT	82+82 RT			UTILITY	(P)	3,400 SF						
			72+89 RT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			75+14 RT	75+52 RT			CONST	(T)	180 SF						INCL. BF
			75+25 RT	75+47 RT			DITCH	(P)	80 SF						INCL. STONE FILL
			76+10 RT	76+12 RT			INSTALL & MAINT	(P)							GUY WIRE & ANCHOR
			83+00 RT	83+81 RT			REMOVE	(T)							BARBED WIRE FENCE
			85+79 RT	89+43 RT			CONST	(T)	4,100 SF						INCL. PDF
			85+79 RT	89+43 RT			LANDSCAPE	(T)							PLANT TREES
			86+82 RT	87+20 RT			SLOPE	(T)	40 SF						
			90+38 RT	92+12 RT			CONST	(T)	0.11 A						INCL. PDF, REMOVAL AND STOCKPILING
															OF STONE WALL; 4,980 SF±
			91+14 RT	92+19 RT			INSTALL & MAINT	(P)	0.30 A						RECREATION PATH, SLOPES, STONE
															LINED DITCHES & CULVERT. INCL. TEMP.
															REMOVAL OF GUIDE POSTS; 13,280 SF±;
															TO BE CONVEYED TO THE TOWN OF
															CHARLOTTE
			91+85 RT	92+29 RT			CONST	(T)	850 SF						INCL. PDF
			92+21 RT	92+29.40 RT			SLOPE	(T)	13 SF						
			92+29.40 RT	92+31.55 RT			REMOVE & REPLACE	(T)							IP
21	COLANGELI, STEVEN J. &	24, 25	86+70.55 RT	91+11.68 LT	0.51 A		ALL R. T. & I.			WD	11/21/14	CHARLOTTE	215	575-578	US RTE 7 HWY EASE.; 22,070 SF±
	CORINNE M. HAYES-COLANGELI;		86+70.87 LT	91+16 LT			DETOUR	(T)	0.19 A						INCL. PDF & EC; 8,220 SF±
	JOINED BY VERMONT LAND TRUST, INC.		86+71 LT	88+13 LT			DRIVE	(T)	700 SF						13' GRAVEL 87+34 LT, MM 0146
			90+94 LT	91+22 LT			CONST	(T)	750 SF						INCL. SLOPE WORK FOR REC. PATH
															WEST, TREE REMOVAL AND PDF
			89+87 LT	91+14 LT			INSTALL & MAINT	(P)	840 SF						18" DRAINAGE PIPE
			90+73 LT	91+13 LT			LANDSCAPE	(T)							PLANT TREES
			91+16.41 LT	91+17.96 LT			REMOVE & REPLACE	(T)							IP

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF — PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #5

PLOT DATE: 13-APR-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 8 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
22	COMPANION, DEREK J. & JENNIFER P.	21, 22	63+60.35 LT	65+87.14 LT	0.26 A		ALL R. T. & I.			WD	01/22/15	CHARLOTTE	216	457-459	US RTE 7 HWY EASE.; 11,170 SF±
	a.k.a KEVLIN, JENNIFER P.		63+15 LT	64+22 LT			RECONSTRUCT	(T)	3,000 SF						DRIVE AND PARKING AREA, INCLUDES
															ASSOCIATED SLOPE WORK.
			63+91 LT				LANDSCAPE	(T)							TRANSPLANT APPLE TREE
23A	CHAMPLAIN VALLEY COHOUSING	25, 26	91+11.68 LT	94+00.00 LT	0.22 A					WD	05/07/15	CHARLOTTE	218	265-269	9,550 SF±
	DEVELOPMENT COMPANY, LLC, joined by		91+16.41 LT	91+17.96 LT			REMOVE & REPLACE	(T)							IP
	VERMONT LAND TRUST, INC.		91+17.96 LT	92+83 LT			CONST	(T)	2,790 SF						RECREATION PATH; INCL. SLOPE WORK,
															INSTALLATION OF PDF, BF & REMOVAL
															OF FENCE AT 92+18 LT
			91+23 LT	91+93 LT			LANDSCAPE	(T)							PLANT TREES
			92+16.42 LT				REMOVE	(T)							IP
			93+50 LT	94+39 LT			CONST	(T)	430 SF						INCL. BF, PDF & EC
			93+54 LT	94+53 LT			LANDSCAPE	(T)							PLANT TREES & SHRUBS
			93+61 LT	94+00 LT			DIT, DR	(P)	340 SF						INCL. STONE FILL
			94+00 LT	94+92 LT			SLOPE	(T)	1,690 SF						INCL. EC
			94+00 LT	100+34.59 LT			DETOUR	(T)	0.31 A						INCL. BF & EC; 13,370 SF±
			96+00 LT	96+75 LT			INSTALL	(T)							TREE PROTECTION ZONE FENCE
			97+25 LT	100+34.59 LT			INSTALL	(T)							TREE PROTECTION ZONE FENCE
			98+95 LT	99+09 LT			SLOPE	(P)	5 SF						SUBJECT TO STORMWATER PERMIT
			100+28 LT	100+35 LT			SLOPE	(P)	5 SF						SUBJECT TO STORMWATER PERMIT
23B		25, 26	91+11.36 RT	100+35.27 RT	1.06 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 46,120 SF±
24A	HINSDALE, CLARK W. III & SUZANNE G.,	22, 23	65+86.09 LT	73+58.51 LT	0.87 A		ALL R. T. & I.			WD	04/01/15	CHARLOTTE	217	466-471	US RTE 7 HWY EASE.; 37,830 SF±
	joined by VERMONT LAND TRUST, INC.;		66+70 LT												GRAVEL DRIVE 24'; MM 0107
	VERMONT AGENCY OF AGRICULTURE,		68+00 LT				DRAINAGE	(P)							
	FOOD AND MARKETS; VERMONT		68+60.44 LT	68+60.56 LT			REMOVE & REPLACE	(T)							IP
	HOUSING AND CONSERVATION BOARD,		71+16.37 LT	71+17.91 LT			REMOVE & REPLACE	(T)							IP
	UNITED STATES DEPARTMENT OF		71+43 LT	73+59 LT			DETOUR	(T)	440 SF						INCL. BF & EC
	AGRICULTURE'S NATURAL RESOURCES														
	CONSERVATION SERVICE														
24B		23	73+58.19 LT	76+24.53 LT	0.30 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 13,190 SF±
			73+57.32 LT	73+58.51 LT			REMOVE & REPLACE	(T)							IP
			73+58.51 LT	76+00 LT			DETOUR	(T)	1,180 SF						INCL. BF & EC
			75+33 LT	75+55 LT			CONST	(T)	200 SF						INCL. BF & EC
			75+32 LT	75+49 LT			DIT, DR	(P)	110 SF						INCL. STONE FILL
			75+86 LT	76+00 LT			SLOPE	(T)	25 SF						
			75+89 LT	76+11 LT			CONST	(T)	370 SF						INCL. BF & EC
24C		23, 24	76+24.04 LT	82+33.89 LT	0.70 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 30,490 SF±
			76+50.94 LT	82+34 LT			DETOUR	(T)	3,870 SF						INCL. BF, PDF & EC
			76+51 LT	76+54 LT			SLOPE	(T)	13 SF						INCL. EC & BF
			76+53 LT	76+59 LT			CONST	(T)	115 SF						INCL. BF, PDF & EC
25	ENGELBERTH, OTTO A. - LESSOR;	24	82+33.56 RT	86+70.87 LT	0.51 A		ALL R. T. & I.			WD	04/23/15	CHARLOTTE	218	40-42	US RTE 7 HWY EASE.; 22,180 SF±
	GUNLOCK, STEFAN - LESSEE		82+33.89 LT	86+72 LT			DETOUR	(T)	0.12 A						INCL. PDF, EC; 5,430 SF±
			86+53 LT	86+71 LT			SLOPE	(T)	16 SF						

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REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

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- PROPERTY LINE (P/L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #6

PLOT DATE: 13-MAY-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 9 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
26	NOT USED														
27	BEATTY, RUSSELL D. & MELISSA A., joined	26-28	100+34.59 LT	115+90.68 LT	1.77 A		ALL R. T. & I.			WD	12/04/14	CHARLOTTE	216	58-62	US RTE 7 HWY EASE.; 77,310 SF±
	by VERMONT LAND TRUST, INC.; VERMONT		100+34.59 LT	100+66 LT			SLOPE	(P)	70 SF						SUBJECT TO STORMWATER PERMIT
	DEPARTMENT OF AGRICULTURE, FOOD		100+34.59 LT	115+90 LT			DETOUR	(T)	0.40 A						INCL. PDF, BF & EC; 17,560 SF±
	AND MARKETS; VERMONT HOUSING AND		100+35 LT	103+00 LT			INSTALL	(T)							TREE PROTECTION ZONE FENCE
	CONSERVATION BOARD		101+40 LT	101+59 LT			SLOPE	(P)	25 SF						SUBJECT TO STORMWATER PERMIT
			102+70 LT	103+15 LT			SLOPE	(P)	150 SF						SUBJECT TO STORMWATER PERMIT
			104+40 LT	104+74 LT			SLOPE	(T)	90 SF						
			104+74 LT	104+96 LT			DIT, DR	(P)	36 SF						INCL. STONE FILL
			106+37 LT	108+33 LT			INSTALL	(T)							TREE PROTECTION ZONE FENCE
			106+45 LT	107+16 LT			SLOPE	(P)	50 SF						SUBJECT TO STORMWATER PERMIT
			108+63 LT				REMOVE & RESET	(T)							COMMERCIAL SIGN
			108+57 LT	109+17 LT			DRIVE	(T)	380 SF						PAVED 24', 108+95 LT, MM 0187
			109+29 LT	115+85 LT			REMOVE	(T)							SCOTCH PINES
			115+89.93 LT	115+90.00 LT			REMOVE & REPLACE	(T)							IP
28A	UNITY FARM, LLC	25-27	92+29.40 RT	104+85.66 RT	1.45 A		ALL R. T. & I.			WD	03/20/15	CHARLOTTE	217	359-364	US RTE 7 HWY EASE.; 62,990 SF±
	joined by VERMONT LAND TRUST, INC.;		92+09 RT	92+33 RT			CONST	(T)	630 SF						UNPAVED RECREATION PATH, INCL. PDF,
	VERMONT AGENCY OF AGRICULTURE,														SLOPE WORK AND INSTALLATION OF
	FOOD AND MARKETS; VERMONT HOUSING														SIGNS
	AND CONSERVATION BOARD		92+26 RT	92+41 RT			CONST	(T)	140 SF						INCL. PDF
			92+28 RT	92+42 RT			SLOPE	(T)	70 SF						
			92+29.40 RT	92+31.55 RT			REMOVE & REPLACE	(T)							IP
			92+52 RT	93+81 RT			CONST	(T)	800 SF						INCL. BF & TREE PROTECTION ZONE FENCE
			92+52 RT	92+85 RT			SLOPE	(T)	140 SF						
			92+65 RT				DRIVE	(T)							GRAVEL 12' 92+65 MM 0156
			93+08 RT	93+61 RT			INSTALL & MAINT	(P)	620 SF						STONE LINED DITCH & WINGWALL
			99+87 RT	100+17 RT			CONST	(T)	30 SF						INCL. PDF
			101+74 RT	104+70 RT			CONST	(T)	2,490 SF						INCL. PDF & BF
			102+35 RT	103+70 RT			SLOPE	(P)	1,040 SF						SUBJECT TO STORMWATER PERMIT
			103+70 RT	104+53 RT			SLOPE	(P)	760 SF						
28B		27, 28	104+84.97 RT	116+58.77 RT	1.34 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 58,530 SF±
			105+06 RT	108+62 RT			UTILITY	(P)	950 SF						
			105+90 RT	106+08 RT			CONST	(T)	25 SF						INCL. BF
			108+51 RT	108+62.14 RT			CONST	(T)	30 SF						INCL. PDF
			108+61.90 RT	108+62.14 RT			REMOVE & REPLACE	(T)							IP
			109+21.75 RT	109+22.26 RT			REMOVE & REPLACE	(T)							IP
			109+22 RT	109+29 RT			SLOPE	(T)	7 SF						
			109+22 RT	116+56 RT			UTILITY	(P)	0.18 A						7,980 SF±
			109+22 RT	116+57 RT			CONST	(T)	0.15 A						INCL. PDF; 6,600 SF±
			111+06 RT	112+80 RT			SLOPE	(P)	210 SF						SUBJECT TO STORMWATER PERMIT
			112+80 RT	113+45 RT			SLOPE	(T)	90 SF						
			115+54 RT	116+58.77 RT			SLOPE	(T)	350 SF						
29	FISHER, CHRISTOPHER J.	21	63+00.37 LT	63+61.41 LT	2,970 SF		ALL R. T. & I.			WD	04/10/15	CHARLOTTE	217	606-607	US RTE 7 HWY EASE.
			63+00 LT	63+60.35 LT			DRIVE	(T)	2,260 SF						PAVED & GRAVEL 15' 63+11 MM 0100;
															INCL SLOPE WORK
30	RANDALL, THOMAS G. & NAOMI F.	28, 29	115+90.00 LT	123+87.79 LT	0.81 A		ALL R. T. & I.			WD	05/02/14	CHARLOTTE	213	35-36	US RTE 7 HWY EASE.; 35,080 SF±
			115+89.93 LT	115+90.00 LT			REMOVE & REPLACE	(T)							IP
			117+59 LT	117+78 LT			UTILITY	(P)	80 SF						
			118+33 LT												GRAVEL DRIVE 11' MM 0204
			120+14 LT	120+94 LT			REMOVE & RESET	(T)							ORNAMENTAL WOOD POST & RAIL FENCE
			120+17 LT												GRAVEL DRIVE 10' MM 0208
			122+49 LT	123+87.79 LT			DETOUR	(T)	380 SF						INCL. PDF, EC

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
- TAKING WITHOUT ACCESS
- CLEAR ZONE (CZ)
- PROPERTY LINE (P / L)
- TOE OF SLOPE
- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #7

PLOT DATE: 15-APR-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 10 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT -

TABLE OF PROPERTY

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE AREA±	REMAINDER AREA±	
31	AMBLO, BARBARA H.	28	116+58.09 LT	118+53.37 RT	0.23 A		A
			116+55 RT	117+04 RT			
			116+57 RT	117+45 RT			
			117+15 RT	117+50 RT			
			117+39 RT				INS
			118+13 RT	118+27.77 RT			
32	BRUCE, SHIRLEY L., TRUSTEE OF THE	28, 29	119+58.51 RT	124+56.31 LT	0.60 A		A
	RICHARD G. LEBOEUF FAMILY TRUST		119+55 RT	123+95 RT			L
			119+56 RT	124+53.83 RT			
			119+57 RT	124+49 RT			
			120+00 RT	122+42 RT			
			120+31 RT	120+34 RT			INS
			122+57 RT	123+50 RT			
			124+53.37 RT	124+53.83 RT			REM
33	NOT USED						
34	BOUCHARD, GERALD A. &	29, 30	124+53.83 RT	131+25.43 RT	0.77 A		A
	MICHAELEEN J.		124+53.37 RT	124+53.83 RT			REM
			124+54 RT	124+99 RT			
			124+99 RT	127+36 RT			
			129+79 RT	129+90 RT			
			129+90 RT				
			130+07 RT	130+13 RT			
35	NOT USED						
36	NOT USED						
37	NOT USED						
38	L. & E. PRODUCTS, INCORPORATED	30	131+24.51 RT	134+13.82 RT	0.32 A		A
39	STONE, EDWARD H. & MARCIA T.	30-32	132+45.30 RT	146+58.58 RT	2.08 A		A
			132+48.47 LT	132+48.51 LT			REM
			132+48.47 LT	146+57 LT			
			132+62 LT	140+73 LT			REM
			132+59 LT	144+54 LT			
			135+36.64 LT				REM
			140+75 LT				

PLAN LEGEND

EXISTING RIGHT-OF-WAY
TAKING WITH ACCESS
TAKING WITHOUT ACCESS
CZ — CLEAR ZONE
P / L — PROPERTY LINE
TOE OF SLOPE
TOP OF CUT
SR (P) — SLOPE RIGHT
CONST. (T) — CONSTRUCTION R
PDF — PDF — PROJECT DEMARC

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
40	THORNTON, MARY E.	30, 31	134+12.85 RT	139+16.10 RT	0.57 A		ALL R. T. & I.			WD	05/07/15	CHARLOTTE	218	263-264	US RTE 7 HWY EASE.; 24,850 SF±
			134+31 RT												GRAVEL DRIVE 14' MM 0235
			139+15.19 RT	139+17.60 RT			REMOVE & REPLACE	(T)							IP
41	MAHONEY, ANDREW C. & GREEN,	31, 32	139+15.19 RT	147+29.41 RT	0.92 A		ALL R. T. & I.			WD	12/04/14	CHARLOTTE	216	67-69	US RTE 7 HWY EASE.; 39,900 SF±
	ANDREA E.;		141+86 RT												GRAVEL DRIVE 26' MM 0249
	HOYT, BRIAN A. & LINDA T.;		143+76 RT	146+11 RT			CONST	(T)	1,720 SF						INCL. PDF
	LUNDE, KARYN D., TRUSTEE,		144+97 RT	145+74 RT			SLOPE	(P)	240 SF						SUBJECT TO STORMWATER PERMIT
	KARYN D. LUNDE REVOCABLE TRUST		144+99 RT	145+72 RT			LANDSCAPE	(T)							PLANT TREES
42	DELETED														
43	SIEDLECKI, JOHN HENRY &	32	147+27.68 RT	150+07.37 RT	0.32 A		ALL R. T. & I.			WD	11/07/14	CHARLOTTE	215	469-470	US RTE 7 HWY EASE.; 13,770 SF±
	CONTRERAS, CARLA		149+30 RT	149+90 RT			UTILITY	(P)	2,560 SF						
			149+40 RT	149+99 RT			CONST	(T)	300 SF						INCL. BF
			149+52 RT	149+85 RT			CUL, DIT, DR	(P)	280 SF						INCL. HEADWALL & STONE LINED DITCH
															AND UNDERDRAIN CARRIER PIPE
44	WHITE, ERIC J. & PENNY L.	15	12+54.38 RT	13+87.53 RT	0.15 A		ALL R. T. & I.			WD	09/09/14	CHARLOTTE	215	16-17	US RTE 7 HWY EASE.; 6,540 SF±
			9+63 RT												GRAVEL DRIVE 23' MM 0727
			12+59 RT	13+31 RT			CONST	(T)	800 SF						INCL. BF
			12+65 RT	13+15 RT			DITCH	(P)	840 SF						STONE LINED
			13+24 RT	13+32 RT			REMOVE	(T)							FENCE
			13+84.33 RT	13+99.30 RT			REMOVE & REPLACE	(T)							IP

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

PLAN LEGEND

- EXISTING RIGHT-OF-WAY
- TAKING WITH ACCESS
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- TOP OF CUT
- SLOPE RIGHT (SR (P))
- CONSTRUCTION RIGHT (CONST. (T))
- PROJECT DEMARCATION FENCE (PDF)

EC	-EROSION CONTROL
(P)	-PERMANENT
(T)	-TEMPORARY
DR.	-DRAINAGE RIGHT
DIT.	-DITCHING RIGHT
CH.	-CHANNEL RIGHT
DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #9

PLOT DATE: 13-MAY-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 12 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					REMARKS
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
45	WILDWOOD WEST HOMEOWNER'S	30	131+88.46 LT	`	2,910 SF		ALL R. T. & I.			WD	09/24/14	CHARLOTTE	215	87-89	US RTE 7 HWY EASEMENT
	ASSOCIATION, INCORPORATED		131+88 LT	132+53 LT			DETOUR	(T)	1,960 SF						INCL. PDF & EC
			131+88 LT	132+12 LT			SLOPE	(T)	180 SF						
			131+98 LT	132+48 LT			RECONSTRUCT	(T)	3,400 SF						PAVED DRIVE 20' MM 0230
			132+32 LT	132+48 LT			SLOPE	(T)	70 SF						
			132+45 LT				REMOVE & RESET	(T)							COMMERCIAL SIGN
			132+48.47 LT	132+48.51 LT			REMOVE & REPLACE	(T)							IP
46A	TOWN OF CHARLOTTE	21	59+80.41 RT	60+47.60 RT	3,300 SF		ALL R. T. & I.			QCD	09/09/14	CHARLOTTE	215	10-12	US RTE 7 HWY EASEMENT
			TH5 100+53 CL	TH5 101+43 CL			APPROACH	(T)							TH5 STATE PARK ROAD; INCLUDE
															PDF & LANDSCAPING
46B		23	75+97.44 LT	76+50.94 LT	2,640 SF		ALL R. T. & I.								US RTE 7 HWY EASE.
			TH46 200+53 CL	TH46 201+29 CL			APPROACH	(T)							TH46 THOMPSONS POINT ROAD;
															INCLUDE BF & EC
46C		27	108+61.46 LT	109+22.26 RT	3,000 SF		ALL R. T. & I.								US RTE 7 HWY EASE.
			TH49 300+48 CL	TH49 300+86 CL			APPROACH	(T)							TH49 HIGBEE ROAD; INCLUDE PDF
46D		28	118+21.54 LT	118+78.66 RT	3,100 SF		ALL R. T. & I.								US RTE 7 HWY EASEMENT
			118+27 RT	118+78.66 RT			CONST	(T)	250 SF						INCL. PDF
46E		25	91+17.96 LT	92+83 LT			CONST	(T)	2,790 SF						RECREATION PATH; INCL. SLOPE WORK,
															INSTALLATION OF PDF, BF & REMOVAL
															OF FENCE AT 92+18 LT
			91+23 LT	91+93 LT			LANDSCAPE	(T)							PLANT TREES
			92+16.42 LT				REMOVE	(T)							IP
46F		25	90+38 RT	92+29.40 RT			CONST	(T)	0.44 A						RECREATION PATH; INCL. SLOPE WORK,
															REMOVAL AND STOCKPILING STONE
															WALL, REMOVAL OF GUIDE POSTS,
															AND INSTALLATION OF CULVERT
															AND PDF; 19,100 SF±
47	BARRY, BRUCE	20, 21	54+32.15 RT	56+32.47 RT	0.23 A		ALL R. T. & I.			WD	03/02/15	CHARLOTTE	217	90-91	US RTE 7 HWY EASE.; 9,910 SF±
			55+06 RT												GRAVEL DRIVE 16' MM 0084
			55+24 RT	56+00 RT			LANDSCAPE	(T)							PLANT SHRUBS
			56+28 RT	56+32.47 RT			INSTALL	(T)	10 SF						PDF
48	THORPE, MAURICE C. & MARY LOU	28	118+46.24 LT	119+61.32 LT	0.16 A		ALL R. T. & I.			WD	08/08/14	CHARLOTTE	214	431-432	US RTE 7 HWY EASE.; 7,050 SF±
			118+75 RT	119+58.51 RT			UTILITY	(P)	1,130 SF						
			118+77 RT	119+58.51 RT			CONST	(T)	670 SF						INCLUDE PDF
			118+95 RT	119+57 RT			LANDSCAPE	(T)							PLANT TREES
49	LONGE, LINDSAY B. &	32-34	146+55.66 LT	164+34.09 LT	2.48 A		ALL R. T. & I.								US RTE 7 HWY EASE.; 108,080 SF±
	MACK, CHRISTOPHER D.		146+55.66 LT	150+92 LT			DETOUR	(T)	2,130 SF						INCL. BF & EC
			146+57 LT				REMOVE	(T)							STONE WALL
			148+32 LT	148+50 LT			DIT, DR	(P)							
			149+62 LT				DRAINAGE	(P)							
			153+00 LT				DRAINAGE	(P)							
			154+57 LT	155+26 LT			DRIVE	(T)	1,860 SF						INCL. SLOPE WORK, BF & EC; 12' GRAVEL
															DRIVE 154+91; MM 0274
			154+93 LT	155+17 LT			REMOVE & RESET	(T)							FENCE
			155+65 LT	158+91 LT			DETOUR	(T)	1,100 SF						INCL. BF & EC
			156+50 LT	156+59 LT			DIT, DR	(P)							
			156+70 LT	164+34 LT			UTILITY	(P)	0.13 A						5,690 SF±
			160+68 LT	160+93 LT			CUL, DR	(P)							
			163+46 LT	164+01 LT			DRIVE	(T)	1,470 SF						INCL. SLOPE WORK, BF & EC; 23' GRAVEL
															DRIVE 163+72; MM 0290
			164+32 LT				INSTALL & MAINT	(P)							GUY WIRE & ANCHOR

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE

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SR	-SLOPE RIGHT
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APPROVED: HARRY PETROVS DATE: 02-11-13
CHIEF, PLANS & TITLES

PROJECT NAME: **CHARLOTTE**
PROJECT NUMBER: **FEGC 019-4(20)**

FILE NAME: **r78d062DetailSheet.xls**
PROJECT LEADER: **K. UPMAL**
DESIGNED BY: **B.KIPP**
R.O.W. DETAIL SHEET #10

PLOT DATE: 10-MAR-2015
DRAWN BY: **M. TROTTIER**
CHECKED BY: **E. PIERCE**
SHEET 13 OF 132

STATE OF VERMONT
AGENCY OF TRANSPORTATION

RIGHT - OF - WAY DETAIL SH

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA					
					AREA±	AREA±	TYPE	(T)/(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	PAGE	
50A	YANDOW, RICHARD A.	15	8+04 LT	9+87 LT			UTILITY	(P)	415 SF	WDOE	10/20/14	FERRISBURGH	149	293-294	
			9+83 LT				INSTALL & MAINT	(P)							GUY WIRE & A
			10+36 LT	10+65 LT			DETOUR	(T)	70 SF						INCL. BF & EC
50B		15	10+45.64 LT	10+66.23 LT	526 SF		ALL R. T. & I.			WD	10/20/14	CHARLOTTE	215	343	US RTE 7 HWY
			10+63 LT	10+66.23 LT			DETOUR	(T)	9 SF						INCL. BF & EC
51	GREEN MOUNTAIN POWER CORPORATION	15-34	8+04 LT	154+34.09 LT			ALL R. T. & I.								UTILITY EASE
52	COMCAST OF CONNECTICUT, GEORGIA, MASSACHUSETTS, NEW HAMPSHIRE, NEW YORK, NORTH CAROLINA, VERMONT LLC	15-34	8+04 LT	154+34.09 LT			ALL R. T. & I.								UTILITY EASE
53	WAITSFIELD-FAYSTON TELEPHONE CO., INC.	15-34	8+04 LT	154+34.09 LT			ALL R. T. & I.								UTILITY EASE
54A	WALLACE, JACK C. & JOYCE CAMERON	29	123+87.79 LT	126+13.07 LT			DETOUR	T	700 SF	QC	04/20/15	CHARLOTTE	217	716-718	INCL. EC & PD
			124+87 LT	126+13.07 LT			LANDSCAPE	T							PLANT SHRUB
54B		30	131+69 LT	131+93 LT			DETOUR	T	340 SF						INCL. EC & PD
54C		29	123+85.57 LT	126+13.07 LT	0.26 A		ALL R. T. & I.								US RTE 7 HWY
55	LACHAPELLE, TODD C. & LISA P.	29	124+12 LT	126+13.07 LT			DETOUR	T	1,700 SF	GTR	10/15/14	CHARLOTTE	215	260-261	INCL. EC & PD
			125+34 LT	126+13.07 LT			LANDSCAPE	T							PLANT SHRUB
			125+68 LT	126+13.07 LT			SLOPE	T	160 SF						
56	YOUNG, KRISTIAN L. & JESSICA J.	29-30	126+10.64 RT	129+11.01 LT	0.34 A		ALL R. T. & I.			WD	08/13/15	CHARLOTTE	219	374-375	US RTE 7 HWY
			126+13.07 LT	129+11.01 LT			DETOUR	T	0.17 A						INCL. PDF & E
			126+13.07 LT	129+11.01 LT			LANDSCAPE	T							PLANT TREES
			126+13.07 LT	129+11.01 LT			SLOPE	T	2,920 SF						
57	HARRINGTON, PETER J. & LOIS A.	30	129+09.07 RT	131+90.28 RT	0.34 A		ALL R. T. & I.			WD	08/26/14	CHARLOTTE	214	588-589	US RTE 7 HWY
			129+02 LT	131+89 LT			DETOUR	T	0.22 A						INCL. PDF & E
			129+02 LT	131+89 LT			LANDSCAPE	T							PLANT TREES
			129+07 LT	131+90 LT			SLOPE	T	0.11 A						4,770 SF±
	MAINTENANCE AGREEMENT #1	21	TH5 100+20 CL	TH5 100+53 CL											TH5 STATE PA
	MAINTENANCE AGREEMENT #2	23	TH46 200+20 CL	TH46 200+53 CL											TH46 THOMPS
															LENGTH = 33'
	MAINTENANCE AGREEMENT #3	27	TH49 300+12 CL	TH49 300+48 CL											TH49 HIGBEE
	MAINTENANCE AGREEMENT #4	25	91+27 LT	92+61 LT											RECREATION

PLAN LEGEND

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EC	-EROSION CONTROL
(P)	-PERMANENT
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DRIVE	-DRIVE RIGHT
CUL.	-CULVERT RIGHT
BND	-BOUND (PROPERTY MARKER)
SR	-SLOPE RIGHT
UE	-UTILITY EASEMENT

APPROVED: _
CH

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 9+63 RT/(R)	STA 9+32.64/40.00 FT STA 9+93.08/39.97 FT	23 FT
STA 11+50 RT/(R)	STA 11+30.77/32.00 FT STA 11+68.23/32.00 FT	14 FT
STA 13+66 LT/(R)	STA 13+50.14/28.00 FT STA 13+86.00/32.00 FT	16 FT

RELOCATE MAILBOX, SINGLE SUPPORT

STA 11+56 RT

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 9+82 RT

REMOVING AND RESETTING FENCE

STA 10+06 - 11+25 RT (WOOD PICKET FENCE)
STA 11+61 - 12+02 RT (WOOD PICKET FENCE)

REMOVAL OF EXISTING FENCE

STA 13+24 - 13+47 RT (ABANDONED BARBED WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 12+50 - 13+17 RT
STA 12+50 - 13+17 LT

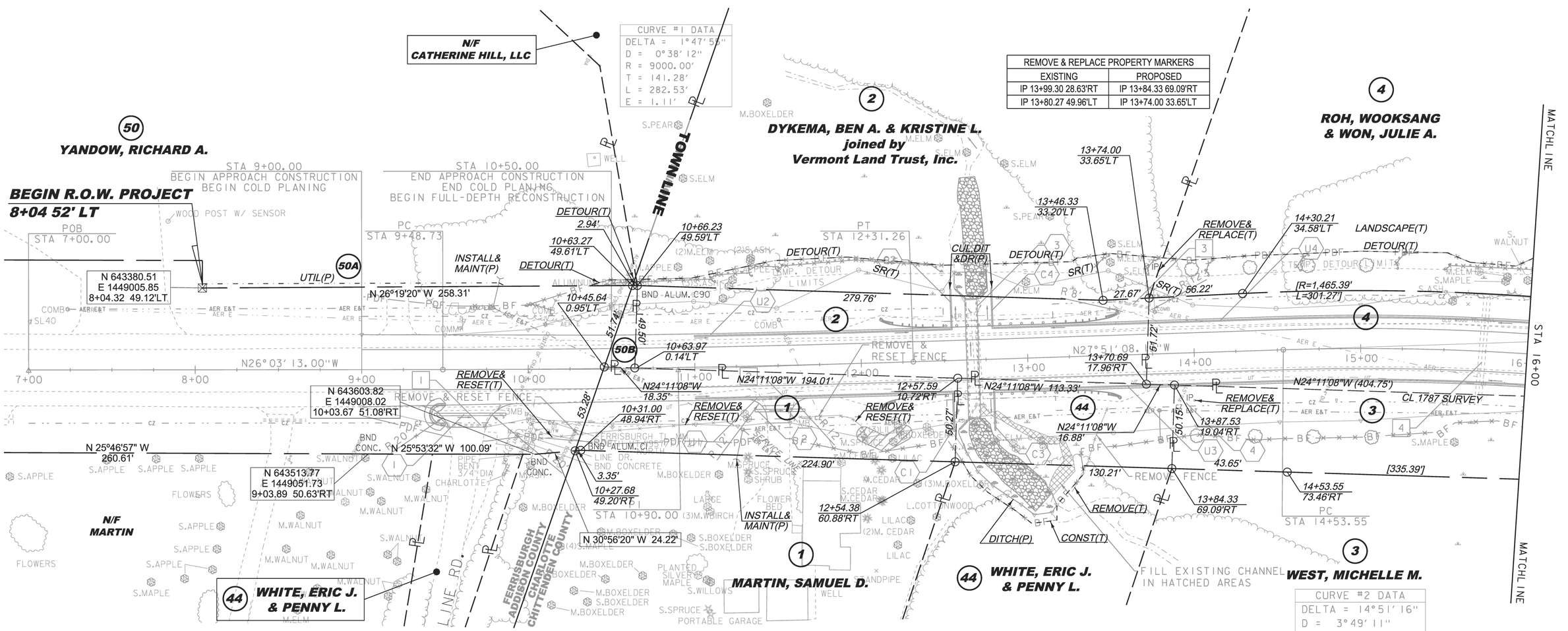
MANUFACTURED TERMINAL SECTION, FLARED

STA 12+11 - 12+50 RT
STA 12+11 - 12+50 LT
STA 13+17 - 13+55 RT
STA 13+17 - 13+55 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 9+68 RT
STA 11+50 RT

VT STATE PLANE GRID



EXISTING DRAINAGE

1. STA 9+47 - 9+79 RT — REMOVE EXISTING 15" CPEP
2. STA 11+37 - 11+62 RT — REMOVE EXISTING 18" CPEP
3. STA 13+52 - 13+76 LT — REMOVE EXISTING 15" CPEP
4. STA 15+73 C/L — REMOVE CATTLE PASS 48" CMP

NEW DRAINAGE

1. STA 9+44 - 9+87 RT — NEW 18" X 42' PIPE OPTION
2. STA 11+36 - 11+66 RT — NEW 18" X 30' PIPE OPTION
3. STA 12+67 BR #140 — REMOVE 3'X 4' CONCRETE BOX, HEADWALLS AND WING WALLS; NEW 6'X 72'X 3' CONCRETE BOX W/HEADWALLS, WINGWALLS AND STONE FILL TYPE II AT INLET AND OUTLET; SEE BRIDGE DETAIL SHEETS
4. STA 14+00 - 19+75 RT — CONSTRUCT GRASS LINED TREATMENT SWALE; SEE TYPICAL SECTIONS

8-INCH UNDERDRAIN

- U1: STA 11+00 - 12+55 RT — NEW 8" X 155' UNDERDRAIN W/FLUSHING BASIN AT 11+00 RT
- U2: STA 11+00 - 12+55 LT — NEW 8" X 155' UNDERDRAIN W/FLUSHING BASIN AT 11+00 LT
- U3: STA 12+80 - 18+50 RT — NEW 8" X 570' UNDERDRAIN W/FLUSHING BASIN AT 18+50 RT
- U4: STA 12+80 - 18+50 LT — NEW 8" X 570' UNDERDRAIN W/FLUSHING BASIN AT 18+50 LT

8-INCH UNDERDRAIN CARRIER PIPE

- C1: STA 12+55 RT — NEW 8" X 24' UD CARRIER PIPE
- C2: STA 12+55 LT — NEW 8" X 24' UD CARRIER PIPE
- C3: STA 12+80 RT — NEW 8" X 24' UD CARRIER PIPE
- C4: STA 12+80 LT — NEW 8" X 24' UD CARRIER PIPE

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay01.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 1OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 18+10 LT/(R)	STA 17+92.33/32.00 FT STA 18+27.58/32.00 FT	12 FT
STA 18+75 RT/(R)	STA 18+63.07/32.00 FT STA 19+00.67/32.00 FT	12 FT
STA 18+82 LT/(R)	STA 18+67.28/32.00 FT STA 19+12.38/32.00 FT	14 FT

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 18+56 RT (3)

REMOVAL OF EXISTING FENCE

STA 17+41 - 17+44 LT (ORNAMENTAL 2 FT PICKET FENCE)
STA 16+13 - 16+18 RT (ABANDONED WOOD POST & RAIL)
STA 16+16 - 18+03 RT (ABANDONED WOOD POST & ELECTRIC TAPE)
STA 17+74 - 18+04 RT (ABANDONED WOOD POST & ELECTRIC TAPE)
STA 18+59 - 18+79 LT (ORNAMENTAL WOOD SNAKE RAIL)
STA 19+45 - 23+63 RT (IN-USE BARBED WIRE)
STA 19+67 - 20+15 LT (ABANDONED BARBED WIRE)
STA 20+27 - 23+62 LT (ABANDONED BARBED WIRE)
STA 22+38 - 22+42 RT (ABANDONED BARBED WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 19+48 - 24+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 19+10 - 19+48 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

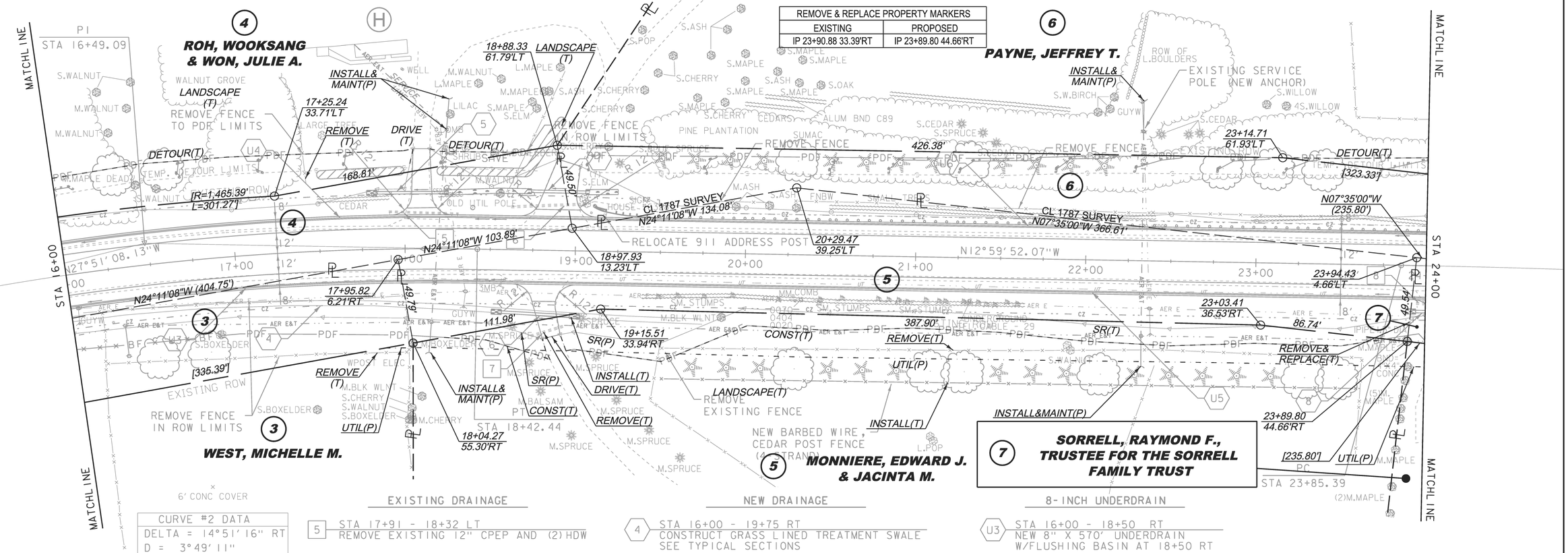
STA 18+10 LT
STA 18+75 RT (10 FT APRON)
STA 18+82 LT

SPECIAL PROVISION (BARBED WIRE FENCE, CEDAR POST 4-STRAND)

STA 19+50 - 23+62 RT

VT STATE PLANE GRID

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 23+90.88 33.39'RT	IP 23+89.80 44.66'RT



CURVE #2 DATA
DELTA = 14°51'16" RT
D = 3°49'11"
R = 1500.00'
T = 195.54'
L = 388.89'
E = 12.69'
BANK = 0.062

EXISTING DRAINAGE

5 STA 17+91 - 18+32 LT
REMOVE EXISTING 12" CPEP AND (2)HDW

6 STA 18+62 - 19+03 LT
REMOVE EXISTING 15" CPEP

7 STA 18+75 - 18+93 RT
REMOVE 15" CGMP

8 STA 23+95 - 24+00 RT
REMOVE 15" CGMP AND (2)HDW

NEW DRAINAGE

4 STA 16+00 - 19+75 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

5 STA 17+84 - 18+23 LT
NEW 18" X 40' PIPE OPTION
STONE PAD AT INLET & OUTLET

6 STA 18+57 - 18+97 RT
NEW 18" X 40' PIPE OPTION

7 STA 18+74 - 19+06 LT
NEW 18" X 32'PIPE OPTION
W/STONE PAD AT INLET & OUTLET

8 STA 23+94 - 24+00 RT
NEW 18" X 30'PIPE OPTION
W/STONE PAD AT INLET & OUTLET

8-INCH UNDERDRAIN

U3 STA 16+00 - 18+50 RT
NEW 8" X 570' UNDERDRAIN
W/FLUSHING BASIN AT 18+50 RT

U4 STA 16+00 - 18+50 LT
NEW 8" X 570' UNDERDRAIN
W/FLUSHING BASIN AT 18+50 LT

U5 STA 18+50 - 24+00 RT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 25+00 RT

U6 STA 18+50 - 24+00 LT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 25+00 LT

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

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PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay02.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 2 OF 20

PLOT DATE: 04-AUG-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 16 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 24+08 RT/(R)	STA 23+92.94/32.00 FT STA 24+28.69/32.00 FT	12 FT

201.21 REMOVING LARGE STUMPS

STA 24+35 RT
STA 25+52 RT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

STA 24+18 RT

620.50 REMOVING AND RESETTING FENCE

STA 26+39 - 34+97 LT (IN-USE ELECTRIC W/METAL POSTS)

620.55 REMOVAL OF EXISTING FENCE

STA 24+22 RT (ORNAMENTAL WOOD POST & RAIL)
STA 26+39 - 35+89 LT (WOVEN & BARBED WIRE W/WOOD POSTS)
STA 30+51 - 32+68 RT (ABANDONED BARBED WIRE)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA 19+50 - 25+60 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA 25+60 - 26+00 LT

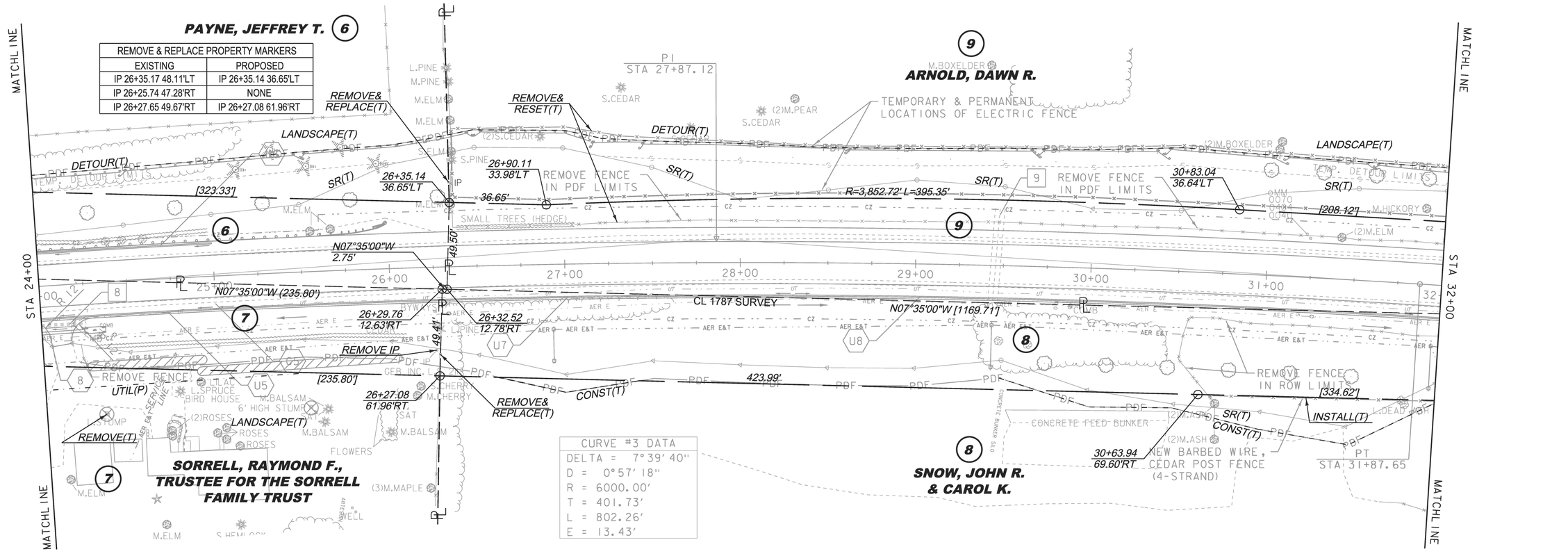
900.680 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 24+08 RT

900.XXX SPECIAL PROVISION (BARBED WIRE FENCE, CEDAR POST 4-STRAND)

STA 30+71 - 32+68 RT

VT STATE PLANE GRID N



EXISTING DRAINAGE

8 STA 23+95 - 24+25 RT.
REMOVE 15" CGMP AND (2) CRM

9 STA 29+46 C/L
REMOVE CATTLE PASS 66" ACCGMP

NEW DRAINAGE

8 STA 23+94 - 24+24 RT
NEW 18" X 30' PIPE OPTION W/STONE PAD AT INLET

8-INCH UNDERDRAIN

U5 STA 18+50 - 25+00 RT
NEW 8" X 650' UNDERDRAIN W/FLUSHING BASIN AT 25+00 RT

U6 STA 18+50 - 25+00 LT
NEW 8" X 650' UNDERDRAIN W/FLUSHING BASIN AT 25+00 LT

U7 STA 25+00 - 28+30 RT
NEW 8" X 330' UNDERDRAIN W/FLUSHING BASIN AT 28+30 RT

U8 STA 28+30 - 34+00 RT
NEW 8" X 570' UNDERDRAIN W/FLUSHING BASIN AT 28+30 LT

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

0 30 60
SCALE IN FEET

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay03.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 3 OF 20

PLOT DATE: 16-JAN-2014
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 35+95 RT/(R)	STA 35+74.26/32.00 FT STA 36+16.97/32.00 FT	19 FT
STA 36+00 LT/(R)	STA 35+85.11/32.00 FT STA 36+27.16/32.00 FT	15 FT
STA 36+70 LT/(R)	STA 36+51.94/32.00 FT STA 36+88.05/32.00 FT	12 FT
STA 38+10 RT/(R)	STA 37+70.40/32.00 FT STA 38+16.00/32.00 FT	16 FT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

STA 36+17 RT

620.26 WOVEN WIRE FENCE WITH WOOD POSTS

STA 34+96 - 36+06 LT
STA 37+80 - 41+56 LT

620.50 REMOVING AND RESETTING FENCE

STA 26+39 - 34+97 LT (IN-USE ELECTRIC W/METAL POSTS)
STA 32+71 - 33+73 RT (CHAIN-LINK)
STA 36+21 - 36+58 LT (ORNAMENTAL WOOD PLANK)
STA 36+79 - 37+68 LT (ORNAMENTAL WOOD PLANK)

620.55 REMOVAL OF EXISTING FENCE

STA 26+39 - 35+89 LT (WOVEN & BARBED WIRE W/WOOD POSTS)
STA 35+89 - 36+06 LT (IN-USE WOOD PLANK)
STA 34+97 - 35+92 LT (WOVEN WIRE FENCE W/WOOD POSTS)
STA 30+51 - 32+68 RT (ABANDONED BARBED WIRE)
STA 37+80 - 41+57 LT (IN-USE WOVEN WIRE W/WOOD POSTS)

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA 38+46 - 40+78 LT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA 38+07 - 38+46 LT

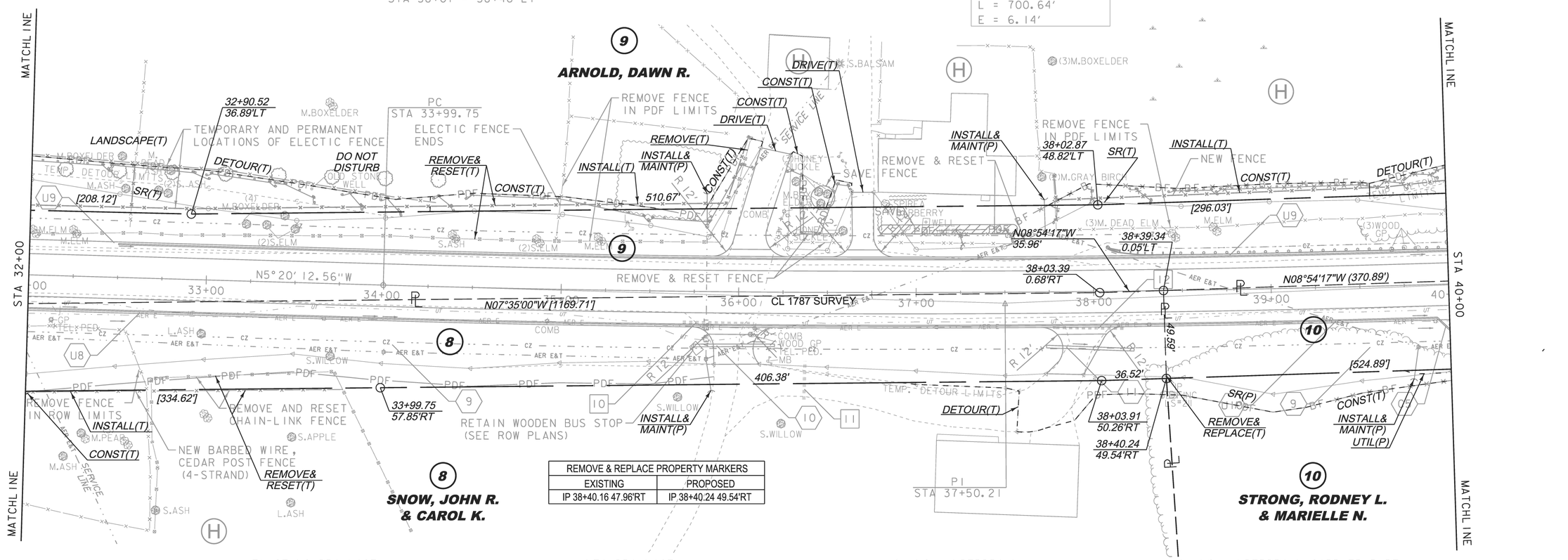
621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 32+13 RT
STA 36+07 RT
STA 39+68 LT
STA 39+76 LT
STA 39+83 LT

900.680 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 35+95 RT
STA 36+00 LT
STA 36+70 LT
STA 38+10 RT

CURVE #4 DATA
DELTA = 4°00'52"
D = 0°34'23"
R = 10000.00'
T = 350.46'
L = 700.64'
E = 6.14'



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 38+40.16 47.96'RT	IP 38+40.24 49.54'RT

EXISTING DRAINAGE

10 STA 35+69 - 36+09 RT
REMOVE EXISTING 15" CCMP

11 STA 36+39 RT
RETAIN EXISTING 15" CGMP

12 STA 37+76 - 38+39 RT
REMOVE EXISTING 12" CCMP

NEW DRAINAGE

9 STA 34+25 - 40+10 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

10 STA 35+75 - 36+20 RT
NEW 18" X 45' PIPE OPTION

11 STA 37+69 - 38+22 RT
NEW 18" X 50' PIPE OPTION

8-INCH UNDERDRAIN

U8 STA 28+30 - 34+00 RT
NEW 8" X 570' UNDERDRAIN
W/FLUSHING BASIN AT 28+30 RT

U9 STA 32+50 - 40+25 LT
NEW 8" X 775' UNDERDRAIN
W/FLUSHING BASIN AT 32+50 LT

U10 STA 34+00 - 39+95 RT
NEW 8" X 595' UNDERDRAIN
W/FLUSHING BASIN AT 34+00 RT

8-INCH UNDERDRAIN CARRIER PIPE

C5 STA 39+95 - 40+23 RT
NEW 8" X 42' UD CARRIER PIPE

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

0 30 60
SCALE IN FEET

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay04.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 4 OF 20

PLOT DATE: 25-OCT-2013
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 18 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 41+69 LT/(C)	STA 41+24.00/55.00 FT STA 42+14.00/55.00 FT	20 FT
STA 43+04 RT/(R)	STA 42+68.08/32.00 FT STA 43+10.04/32.00 FT	11 FT
STA 43+93 RT/(R)	STA 43+74.73/32.00 FT STA 44+12.05/32.00 FT	13 FT
STA 45+20 LT/(R)	STA 44+46.78/32.00 FT STA 45+40.91/32.00 FT	20 FT
STA 47+45 LT/(R)	STA 47+20.00/32.00 FT STA 47+72.16/32.00 FT	29 FT/15 FT

617.10 RELOCATE MAILBOX, SINGLE SUPPORT

STA 43+82 RT

620.26 WOVEN WIRE FENCE WITH WOOD POSTS

STA 37+80 - 41+56 LT
STA 42+30 - 44+70 LT

620.50 REMOVING AND RESETTING FENCE

STA 41+56 LT (ORNAMENTAL WOOD PLANK)
STA 41+81 LT (ORNAMENTAL WOOD PLANK)

620.55 REMOVAL OF EXISTING FENCE

STA 37+80 - 41+57 LT (IN-USE WOVEN WIRE W/WOOD POSTS)
STA 41+52 LT (IN-USE WOOD PLANK W/ELECTRIC WIRE)
STA 42+13 - 44+68 LT (IN-USE WOVEN WIRE W/WOOD POSTS)
STA 44+77 - 48+88 RT (ABANDONED BARBED WIRE)

621.206 STEEL BEAM GUARDRAIL, GALVANIZED/NESTED

STA 44+12 - 44+26 RT
STA 44+75 - 44+87 LT
STA 45+08 - 45+20 RT

621.20 STEEL BEAM GUARDRAIL, GALVANIZED

STA 38+46 - 40+78 LT
STA 42+58 - 44+75 LT
STA 44+29 - 45+08 RT

621.50 MANUFACTURED TERMINAL SECTION, FLARED

STA 40+78 - 41+17 LT
STA 42+18 - 42+58 LT

621.60 ANCHOR FOR STEEL BEAM RAIL

STA 44+26 RT
STA 44+75 LT
STA 45+08 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL

STA 44+22 - 44+85 RT
STA 44+41 - 44+76 LT

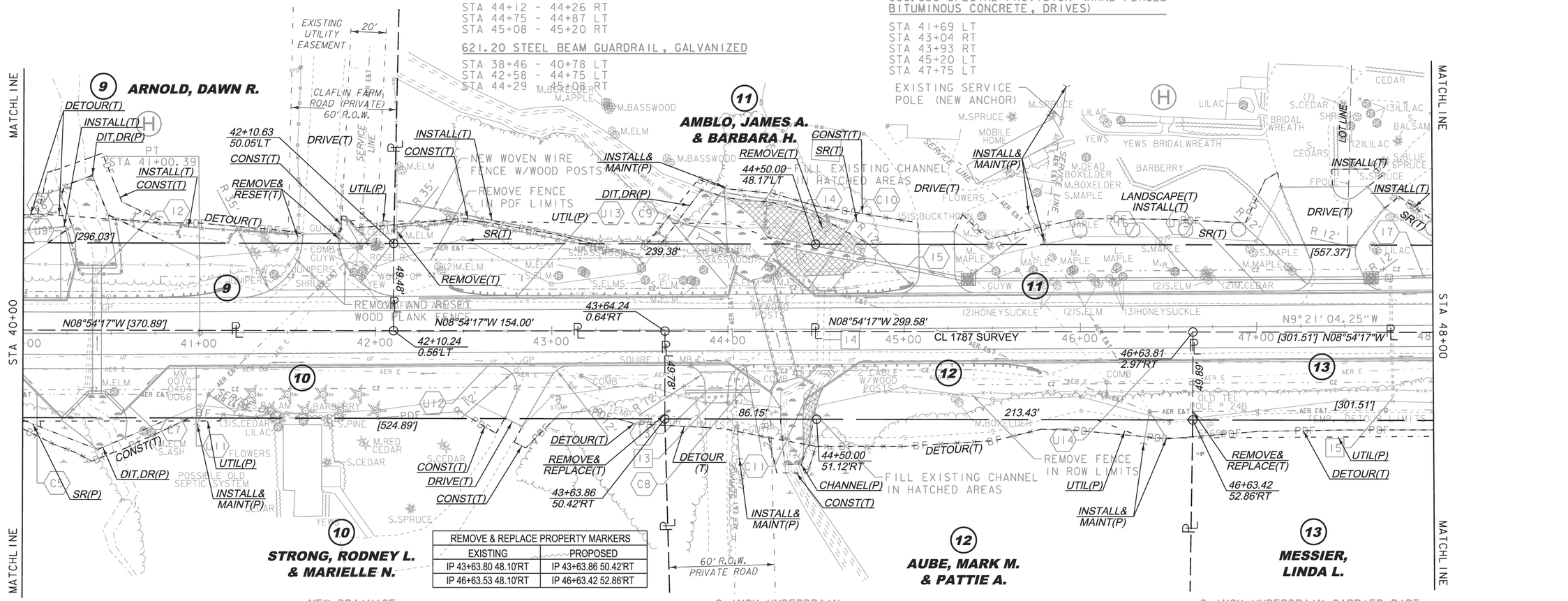
621.81 REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 40+49 LT
STA 41+95 LT
STA 42+80 RT

900.680 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 41+69 LT
STA 43+04 RT
STA 43+93 RT
STA 45+20 LT
STA 47+75 LT

VT STATE PLANE GRID N



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 43+63.80 48.10'RT	IP 43+63.86 50.42'RT
IP 46+63.53 48.10'RT	IP 46+63.42 52.86'RT

EXISTING DRAINAGE

- I3 — STA 43+77 - 44+08 RT — REMOVE 12" CGMP
- I4 — STA 45+55 CL — REMOVE EXISTING 5'X'5 CONCRETE BOX CULVERT AND WINGWALLS
- I5 — STA 47+77 CL — REMOVE 18" RCP AND DI

NEW DRAINAGE

- I2 — STA 40+33 BR #141 — REMOVE 30" RCP W/CRM AND HEADWALL; NEW 60" X 73' PIPE OPTION, WWS AND STONE FILL TYPE III AT INLET & OUTLET; SEE BRIDGE DETAIL SHEETS
- I3 — STA 43+75 - 44+17 RT — NEW 18" X 42' PIPE OPTION
- I4 — STA 44+27 CL — NEW 7'X10'X60' PRE-CAST BOX CULVERT W/WWALLS & HEADWALLS. (SEE BRIDGE DETAIL SHEETS.)
- I5 — STA 44+74 - 45+35 LT — NEW 24" X 63' PIPE OPTION; NEW PRCCB W/TYPE B GRATE
- I6 — STA 45+37 - 47+64 LT — NEW 18" X 227' PIPE OPTION; NEW PRCCB W/TYPE B GRATE
- I7 — STA 47+66 - 49+99 LT — NEW 18" X 232' PIPE OPTION; NEW PRCCB W/TYPE B GRATE

8-INCH UNDERDRAIN

- U9 — STA 32+50 - 40+25 LT — NEW 8" X 775' UNDERDRAIN W/FLUSHING BASIN AT 32+50 LT
- U11 — STA 40+85 - 41+50 RT — NEW 8" X 65' UNDERDRAIN W/FLUSHING BASIN AT 41+50 RT
- U12 — STA 41+50 - 44+00 RT — NEW 8" X 250' UNDERDRAIN W/FLUSHING BASIN AT 41+50 RT
- U13 — STA 42+25 - 44+00 LT — NEW 8" X 175' UNDERDRAIN W/FLUSHING BASIN AT 42+25 LT
- U14 — STA 44+75 - 51+50 RT — NEW 8" X 675' UNDERDRAIN W/FLUSHING BASIN AT 51+50 RT
- U15 — STA 44+50 - 51+50 LT — NEW 8" X 700' UNDERDRAIN W/FLUSHING BASIN AT 51+50 LT

8-INCH UNDERDRAIN CARRIER PIPE

- C5 — STA 39+95 - 40+23 RT — NEW 8" X 42' UD CARRIER PIPE
- C6 — STA 40+25 LT — NEW 8" X 26' UD CARRIER PIPE
- C7 — STA 40+56 - 40+85 RT — NEW 8" X 36' UD CARRIER PIPE
- C8 — STA 44+00 - 44+25 RT — NEW 8" X 30' UD CARRIER PIPE
- C9 — STA 44+00 - 44+06 LT — NEW 8" X 18' UD CARRIER PIPE
- C10 — STA 44+25 - 44+50 LT — NEW 8" X 32' UD CARRIER PIPE
- C11 — STA 44+25 - 44+75 RT — NEW 8" X 38' UD CARRIER PIPE

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

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PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay05.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 5 OF 20

PLOT DATE: 25-OCT-2013
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 19 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 49+17 RT/(R)	STA 48+99.00/32.00 FT STA 49+36.00/32.00 FT	13 FT
STA 49+66 LT/(R)	STA 49+38.35/32.00 FT STA 49+94.70/32.00 FT	32 FT
STA 55+06 RT/(R)	STA 54+84.93/32.00 FT STA 55+25.02/32.00 FT	16 FT

RELOCATE MAILBOX, SINGLE SUPPORT

STA 49+33 RT
STA 55+25 RT

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 55+98 LT

REMOVAL OF EXISTING FENCE

STA 44+76 - 48+88 RT (ABANDONED BARBED WIRE)
STA 53+26 - 55+02 LT (WOOD STOCKADE FENCE)

REMOVE STONEWALL (COMMON EXCAVATION)

STA 55+16 - 55+95 LT

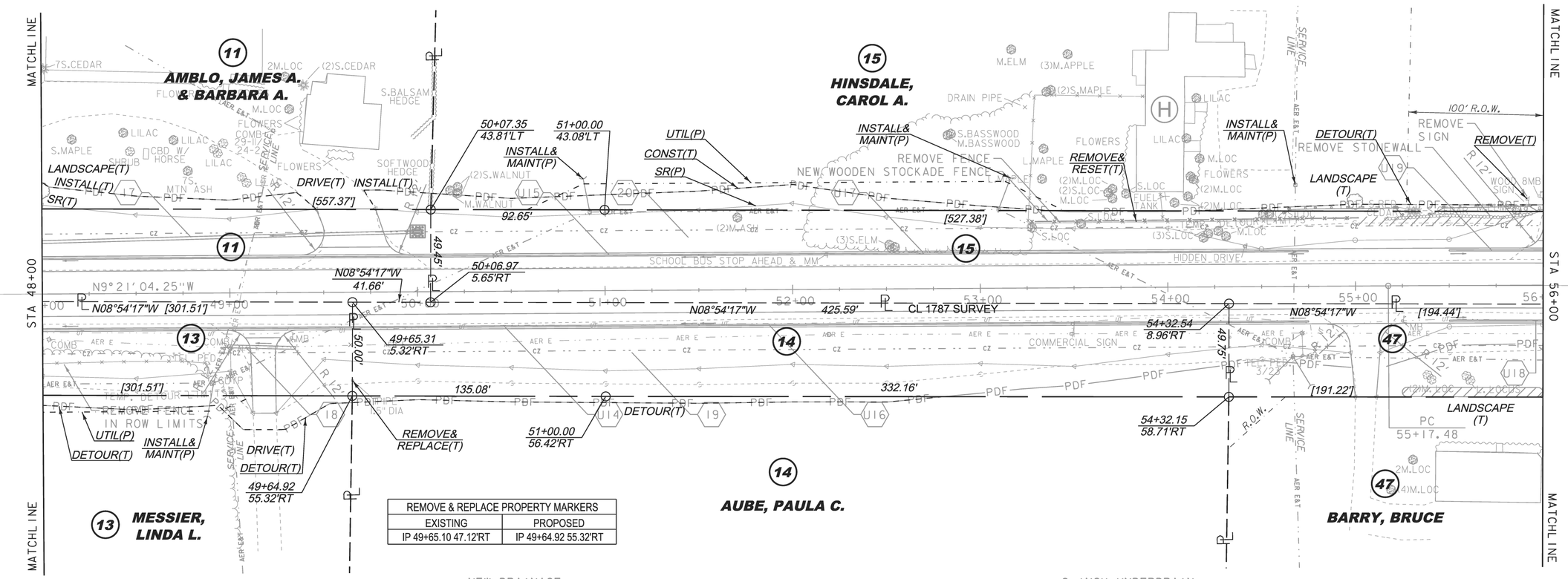
SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 49+17 RT
STA 49+66 LT
STA 55+05 RT

SPECIAL PROVISION (WOOD STOCKADE FENCE)

STA 53+26 - 55+02 LT

VT. STATE PLANE GRID N



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 49+65.10 47.12'RT	IP 49+64.92 55.32'RT

NEW DRAINAGE

- I7 — STA 47+67 - 49+99 LT
  NEW 18" X 232' PIPE OPTION
  NEW PRCCB W/TYPE B GRATE
- I8 — STA 48+99 - 49+35 RT
  NEW 18" X 36' PIPE OPTION
- I9 — STA 49+50 - 52+00 RT
  CONSTRUCT GRASS LINED TREATMENT SWALE
  SEE TYPICAL SECTIONS
- 20 — STA 50+00 TO 52+00 LT
  CONSTRUCT GRASS LINED TREATMENT SWALE
  SEE TYPICAL SECTIONS

8-INCH UNDERDRAIN

- U14 — STA 44+75 - 51+50 RT
  NEW 8" X 675' UNDERDRAIN
  W/FLUSHING BASIN AT 51+50 RT
- U15 — STA 44+50 - 51+50 LT
  NEW 8" X 700' UNDERDRAIN
  W/FLUSHING BASIN AT 51+50 LT
- U16 — STA 51+50 - 54+75 RT
  NEW 8" X 325' UNDERDRAIN
  W/FLUSHING BASIN AT 54+75 RT
- U17 — STA 51+50 - 54+75 LT
  NEW 8" X 325' UNDERDRAIN
  W/FLUSHING BASIN AT 54+75 LT
- U18 — STA 55+50 - 61+50 RT
  NEW 8" X 600' UNDERDRAIN
  W/FLUSHING BASIN AT 55+50 RT
- U19 — STA 55+50 - 61+50 LT
  NEW 8" X 600' UNDERDRAIN
  W/FLUSHING BASIN AT 55+50 LT

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

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THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay06.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 6 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 20 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 56+10 LT/(R)	STA 55+88.06/32.00 FT STA 56+33.10/32.00 FT	21 FT
STA 60+16 LT/(R)	STA 59+88.92/40.00 FT STA 60+40.92/40.00 FT	12 FT

CONSTRUCT PAVED DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 56+50 RT/(C)	STA 56+06.78/28.50 FT STA 56+74.52/28.50 FT	30 FT
STA 58+00 RT/(C)	STA 57+73.87/28.50 FT STA 58+41.20/50.00 FT	30 FT
STA 63+09 LT/(C)	STA 62+76.05/45.00 FT STA 63+50.00/45.00 FT	24 FT

RELOCATE MAILBOX, SINGLE SUPPORT
STA 56+30 RT
STA 63+29 LT

RELOCATE MAILBOX, MULTIPLE SUPPORT
STA 60+90 RT (3)

STEEL BEAM GUARDRAIL, GALVANIZED
STA 63+75 - 64+00 LT

MANUFACTURED TERMINAL SECTION, FLARED
STA 63+36 - 63+75 LT

SPECIAL PROVISION (REMOVAL OF EXISTING TRAFFIC CONTROL SYSTEM
STA 60+16

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)
STA 60+79 - 64+00 RT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)
STA 56+10 LT
STA 60+16 LT

MATCH LINE AA
SEE SHEET 34 FOR INSET

VT STATE PLANE GRID N

29 FISHER, CHRISTOPHER J.

22 COMPANION, DEREK J. & JENNIFER P. a/k/a Jennifer P. Kevlin

TO EXISTING POLE
62+64, 535'LT

UTIL(P)

DRIVE 63+09 LT ALLIGNMENT-3 INFORMATION

		NORTHING	EASTING
POB	400+00.00	648752.0693	1447919.95
POE	401+00.00	648738.5047	1447820.88
BEARING	S 82° 12' 14.60" W		

ALLIGNMENT-1 STA 400+79.00
ALLIGNMENT-2 STA 500+00.00
SEE LAYOUT 8 FOR ALLIGNMENT-2 INFORMATION

US 7 STA 63+09.00
ALLIGNMENT-1 STA 400+00.00

DRIVE (T)
LANDSCAPE (T)
RECONSTRUCT (T)
63+60.35
53.61'LT
63+00.37
52.33'LT
SR(T)
CONST(T)
359.85'
60.00'
[225.79']
63+01.43
2.88'LT
63+61.41
4.16'LT
N08°54'17"W
60.00'
N08°54'17"W
[225.79']
N08°54'17"W
254.95'
REMOVE(T)
352.47'
DETOUR(T)
REMOVE & STOCKPILE STONEWALL (SEE SPECIAL PROVISIONS)
REMOVE ADDITIONAL TREES, STUMPS, BRUSH TO PDF LIMITS
(STA 60+42 - 62+25 RT)
(STA 63+42 - 64+00 RT)
UTIL(P)
64+00.00
45.22'RT
LANDSCAPE(T)
INSTALL& MAINT(P)

MATCH LINE
STA 56+00
STA 64+00

15 HINSDALE, CAROL A.
PT STA 56+63.29
100' R.O.W.
[527.38']
DETOUR(T)
56+26.93
39.55'LT
56+31.85
39.57'LT
4.94'
DRIVE (T)
56+27.09
9.88'RT
49.43'
N08°54'17"W
5.20'
N08°54'17"W
[194.44']
56+32.29
9.86'RT
56+32.47
59.43'RT
INSTALL(T)
8.41'
56+24.01
59.46'RT
[191.22']
SERVICE LINE

47 BARRY, BRUCE

16 STEWART, JAY R. & PAULA J.

17 SOLOMON, MICHAEL A.

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 59+81.37 45.98'RT	IP 59+81.48 53.83'RT

RETAIN STONEWALL
SEE SPECIAL PROVISIONS

STA 60+30.00 END
LEFT HAND TURNING LANE
BEGIN RT/LT CL SHIFT

59+40.60
44.62'LT
DRIVE(T)
INSTALL(T)
INSTALL(T)
R20
309.52'
60+13.47
3.28'RT
N08°54'17"W
33.07'
60+46.54
2.57'RT
N08°54'17"W
33.07'
59+41.66
4.81'RT
58+32.43
7.15'RT
N08°54'17"W
109.25'
CL 1787 SURVEY
N08°54'17"W 200.01'
49.74'
49.44'
49.46'
49.58'
49.85'
49.88'
49.91'
200.01'
148.01'
58+33.50
56.87'RT
DRIVE(T)
INSTALL(T)
SR(T)
INSTALL (T)
REMOVE(T)
REMOVE& REPLACE(T)
INSTALL (T)
59+81.48
53.83'RT
59+80.41
3.98'RT
N08°54'17"W
38.76'
33.07'
33.07'
60+14.54
53.15'RT
CONST(T)
DETOUR(T)
US 7 STA 60+15.91
STATE PARK ROAD STA 100+00.00
LIMIT OF WORK STATE PARK ROAD T.H. 5
STA 101+33.00
60+47.60
52.47'RT
LANDSCAPE(T)
APPROACH (T)
POSSIBLE SEPTIC SYSTEM
INSTALL (T)
59+88.92
40.00'RT
59+88.92
40.00'RT
STA 58+09.08

18 BOWER, ANTHONY D., JR. & JOSIFINA R. a/k/a Josefina Bower

19 PALMER, ALAN D. & CHRISTINE L.

MONITOR WELL W-1

46A TOWN OF CHARLOTTE

TH5 STATE PARK RD.
66' HWY. EASE.
VOL. 31 PG. 85A

TH#5
STATE PARK RD.

20 NUMONDO AMERICA L.P. joined by Vermont Land Trust, Inc.; Vermont Agency of Agriculture, Food and Markets; Vermont Housing and Conservation Board; Jacqueline P. Haight, Life Estate

CURVE #5 DATA
DELTA = 1°40' 15" RT
D = 0°34' 23"
R = 10000.00'
T = 145.81'
L = 291.60'
E = 1.06'
CHK = NC

EXISTING DRAINAGE
16 STA 59+76 - 60+53 RT
REMOVE 18" CGMP

NEW DRAINAGE
21 ~~STA 56+10 - 57+73 RT~~
NEW 18" X 166' PIPE OPTION
NEW PRCDI W/TYPE A GRATE

22 STA 57+77 - 58+33 RT
NEW 18" X 57' PIPE OPTION
NEW PRCDI W/TYPE A GRATE
W/STONE PAD AT OUTLET

23 STA 59+88 - 61+29 RT
NEW 18" X 143' PIPE OPTION
NEW PRCCB W/TYPE B GRATE
W/STONE PAD AT OUTLET

8-INCH UNDERDRAIN

U18 STA 56+00 - 61+50 RT
NEW 8" X 600' UNDERDRAIN
W/FLUSHING BASIN AT 55+50 RT

U19 STA 56+00 - 61+50 LT
NEW 8" X 600' UNDERDRAIN
W/FLUSHING BASIN AT 55+50 LT

U20 STA 61+50 - 64+00 RT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 61+50 RT

U21 STA 61+50 - 64+00 LT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 61+50 LT

0 30 60 90
SCALE IN FEET
SCALE IN FEET

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay07.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 7 OF 20
PLOT DATE: 20-MAY-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 21 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 65+81 RT/(C)	STA 65+50.92/40.00 FT STA 66+10.92/40.00 FT	20 FT
STA 66+70 LT/(R)	STA 66+37.99/40.00 FT STA 67+02.00/40.00 FT	24 FT
STA 68+67 RT/(C)	STA 68+37.00/40.00 FT STA 68+97.00/40.00 FT	20 FT

STEEL BEAM GUARDRAIL, GALVANIZED

STA 63+75 - 66+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 66+00 - 66+38 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 68+68 LT

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)

STA 60+79 - 64+48 RT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 65+81 RT
STA 66+70 LT
STA 68+67 RT

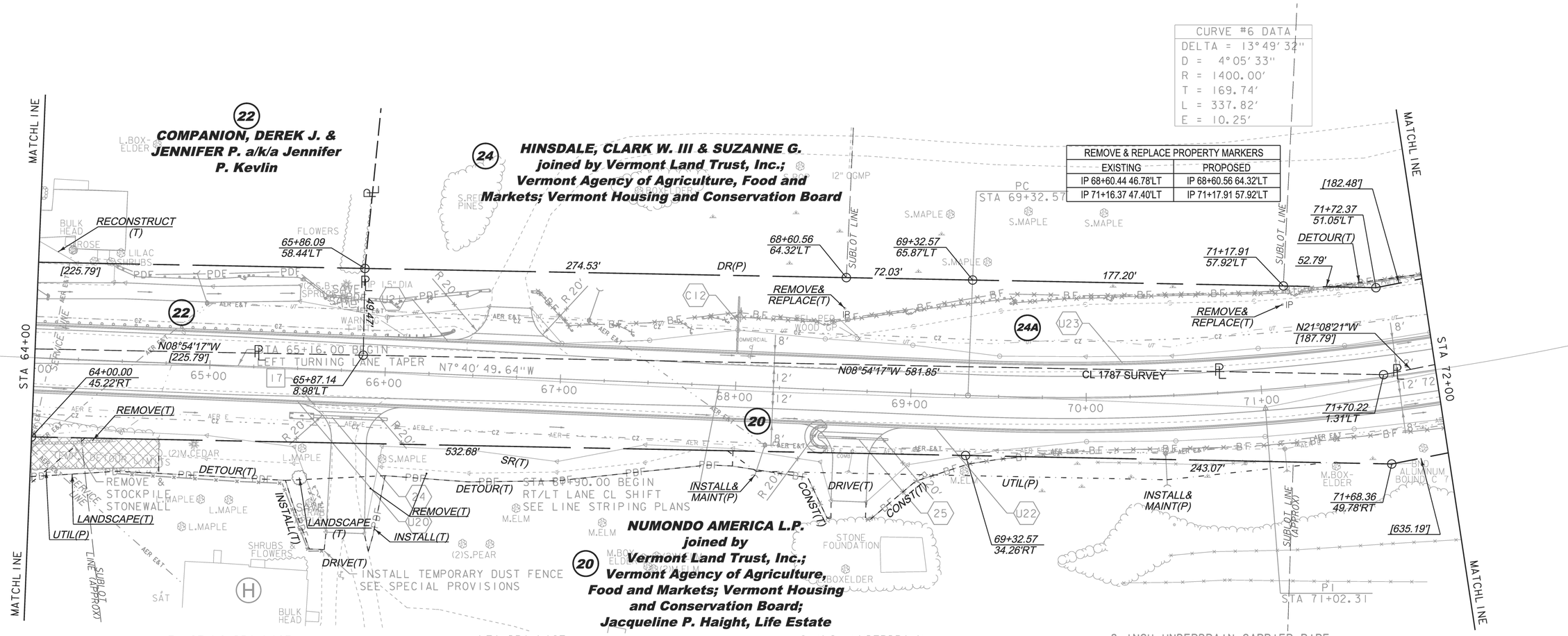
SPECIAL PROVISION (TEMPORARY DUST FENCE)

STA 64+50 - 65+70 RT

VT STATE PLANE GRID N

CURVE #6 DATA
DELTA = 13°49'32"
D = 4°05'33"
R = 1400.00'
T = 169.74'
L = 337.82'
E = 10.25'

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 68+60.44 46.78'LT	IP 68+60.56 64.32'LT
IP 71+16.37 47.40'LT	IP 71+17.91 57.92'LT



EXISTING DRAINAGE

I7 STA 65+56 - 65+97 RT
REMOVE 15" CGMP

NEW DRAINAGE

24 STA 65+60 - 66+02 RT
NEW 18" X 42' PIPE OPTION
W/STONE PAD AT INLET

25 STA 68+48 - 68+88 RT
NEW 12" X 40' PIPE OPTION

8-INCH UNDERDRAIN

U20 STA 61+50 - 68+00 RT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 61+50 RT

U21 STA 61+50 - 68+00 LT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 61+50 LT

U22 STA 68+00 - 75+11 RT
NEW 6" X 711' UNDERDRAIN
W/FLUSHING BASIN AT 68+00 RT

U23 STA 68+00 - 75+11 LT
NEW 6" X 711' UNDERDRAIN
W/FLUSHING BASIN AT 68+00 LT

8-INCH UNDERDRAIN CARRIER PIPE

C12 STA 68+00 LT
NEW 8" X 32' UD CARRIER PIPE

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

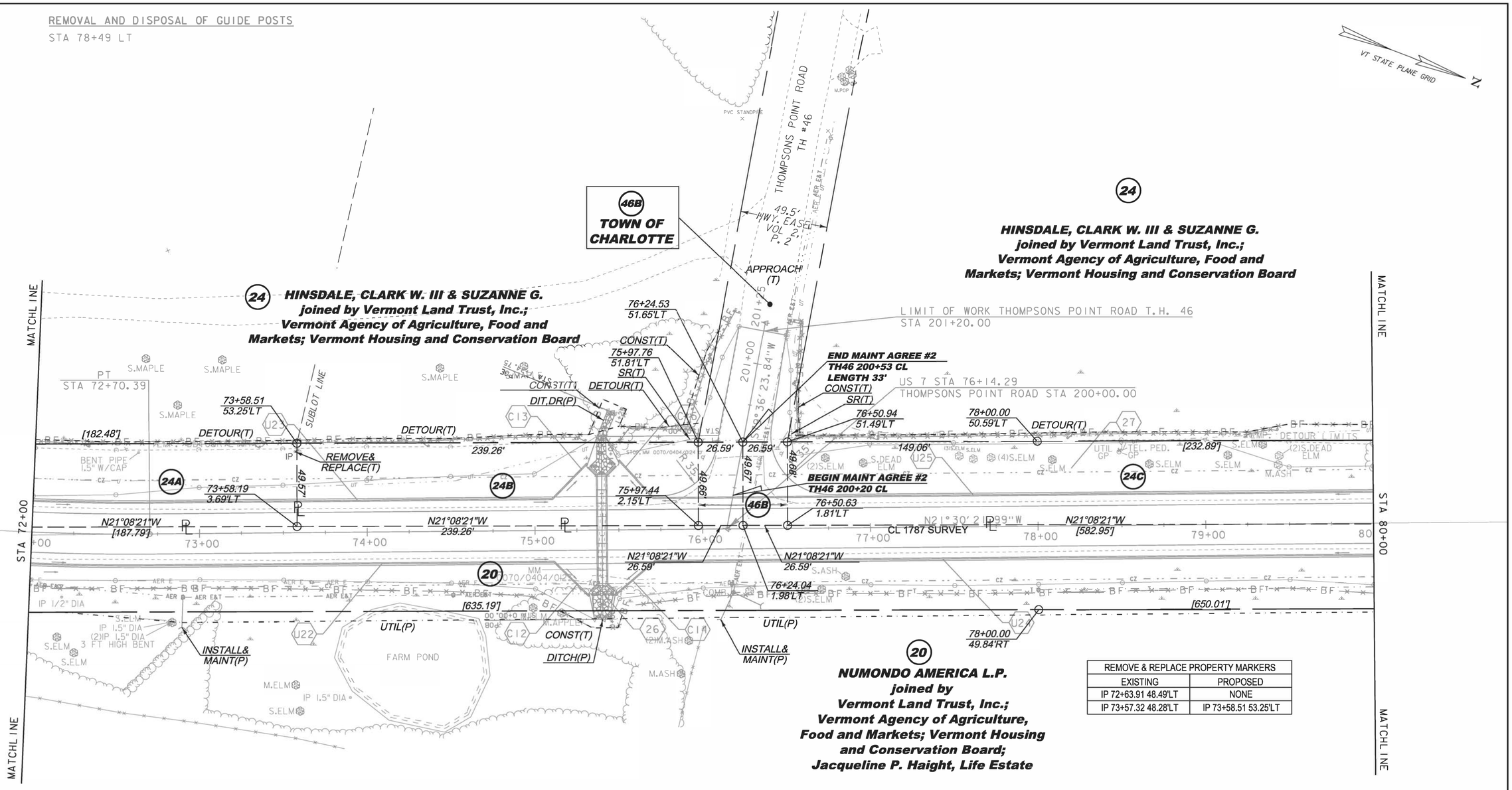
LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay08.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 8 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

REMOVAL AND DISPOSAL OF GUIDE POSTS
STA 78+49 LT



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 72+63.91 48.49'LT	NONE
IP 73+57.32 48.28'LT	IP 73+58.51 53.25'LT

NEW DRAINAGE

26 STA 75+40 C/L
REMOVE 30" RCP W/CRM AND HEADWALL
NEW 5' X 66' X 3' CONCRETE BOX W/HWS, WWS AND STONE FILL TYPE II AT INLET & OUTLET
SEE BRIDGE DETAIL SHEETS

27 STA 77+00 TO 79+00 LT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

8-INCH UNDERDRAIN

U22 STA 68+00 - 75+11 RT
NEW 8" X 711' UNDERDRAIN
W/FLUSHING BASIN AT 68+00 RT

U23 STA 68+00 - 75+11 LT
NEW 8" X 711' UNDERDRAIN
W/FLUSHING BASIN AT 68+00 LT

U24 STA 75+71 - 80+00 RT
NEW 8" X 429' UNDERDRAIN
W/FLUSHING BASIN AT 80+00 RT

U25 STA 75+71 - 80+00 LT
NEW 8" X 429' UNDERDRAIN
W/FLUSHING BASIN AT 80+00 LT

8-INCH UNDERDRAIN CARRIER PIPE

C12 STA 75+11 - 75+32 RT
NEW 8" X 30' UD CARRIER PIPE

C13 STA 75+11 - 75+32 LT
NEW 8" X 30' UD CARRIER PIPE

C14 STA 75+50 - 75+71 RT
NEW 8" X 30' UD CARRIER PIPE

C15 STA 75+48 - 75+71 LT
NEW 8" X 29' UD CARRIER PIPE

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

0 30 60
SCALE IN FEET

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay09.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 9 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 23 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 87+34 LT/(R)	STA 87+18.04/32.00 FT STA 87+56.96/32.00 FT	13 FT

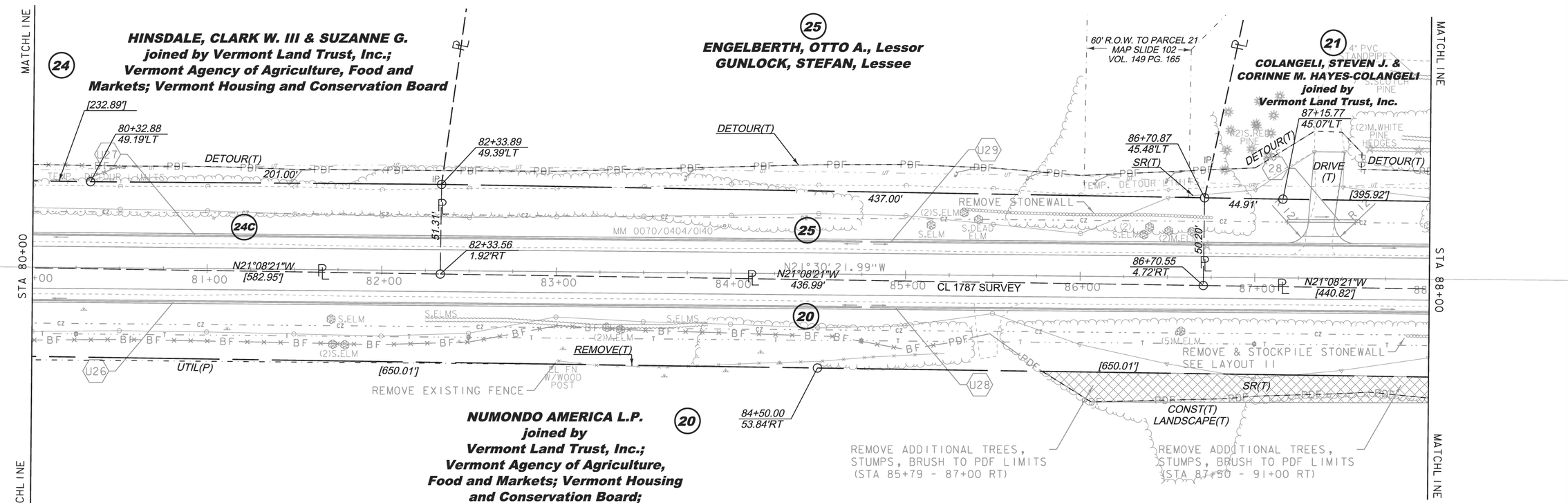
REMOVE STONEWALL (COMMON EXCAVATION)
STA 85+32 - 86+76 LT

REMOVAL OF EXISTING FENCE
STA 83+00 - 85+23 RT (ABANDONED BARBED WIRE)

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)
STA 87+87 - 91+42 RT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)
STA 87+36 LT

VT STATE PLANE GRID



NEW DRAINAGE

28	STA 87+19 - 87+60 LT NEW 18" X 41' PIPE OPTION

8-INCH UNDERDRAIN

U26	STA 80+00 - 84+75 RT NEW 8" X 475' UNDERDRAIN W/FLUSHING BASIN AT 84+75 RT
U27	STA 80+00 - 84+75 LT NEW 8" X 475' UNDERDRAIN W/FLUSHING BASIN AT 84+75 LT
U28	STA 84+80 - 88+91 RT NEW 8" X 411' UNDERDRAIN W/FLUSHING BASIN AT 84+80 RT
U29	STA 84+80 - 88+82 LT NEW 8" X 402' UNDERDRAIN W/FLUSHING BASIN AT 84+80 LT

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay10.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 10 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 24 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 92+65 RT/ (C)	STA 92+22.26/42.00 FT STA 92+78.91/42.00 FT	12 FT

CHAIN-LINK FENCE, 4 FOOT

STA 91+50 RT
STA 91+50 LT

REMOVAL OF EXISTING FENCE

STA 91+48 - 92+02 LT (ABANDONED WOVEN WIRE)
STA 92+18 LT (ABANDONED WOVEN WIRE)
STA 92+35 - 93+60 LT (ABANDONED WOVEN WIRE)
STA 94+79 - 95+15 LT (ABANDONED WOVEN WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 90+50 - 91+92 RT
STA 90+50 - 92+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 90+12 - 90+50 RT
STA 90+12 - 90+50 LT
STA 92+00 - 92+39 LT

ANCHOR FOR STEEL BEAM RAIL

STA 91+91 RT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 91+05 RT
STA 91+90 RT
STA 92+[illegible] RT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 92+57 RT

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)

STA 87+87 - 90+42 RT

VT STATE PLANE GRID N

21

COLANGELI, STEVEN J. & CORINNE M. HAYES-COLANGELI
joined by
Vermont Land Trust, Inc.

BEGIN MAINT AGREE #4
RECREATION PATH
91+27, 60' LT

20

NUMONDO AMERICA L.P.
joined by
Vermont Land Trust, Inc.; Vermont Agency of Agriculture, Food and Markets; Vermont Housing and Conservation Board; Jacqueline P. Haight, Life Estate

46E

TOWN OF CHARLOTTE
PUBLIC PATH EASEMENT AREA
MAP SLIDE 136

23

CHAMPLAIN VALLEY COHOUSING DEVELOPMENT COMPANY, LLC
joined by
Vermont Land Trust, Inc.

END MAINT AGREE #4
RECREATION PATH
92+61, 75' LT
LENGTH 134'

23A

23B

28A

28

UNITY FARM, LLC
joined by
Vermont Land Trust, Inc.; Vermont Agency of Agriculture, Food and Markets; Vermont Housing and Conservation Board

46F

TOWN OF CHARLOTTE
16.5' REC PATH
EASEMENT
140/397
MAP SLIDE 140

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 91+16.41 66.98'LT	IP 91+17.96 75.00'LT
IP 92+16.42 67.31'LT	NONE
IP 92+31.55 48.79'RT	IP 92+29.40 58.64'RT

EXISTING DRAINAGE

I8 — STA 92+43 - 92+62 RT
REMOVE 15" CGMP

NEW DRAINAGE

29 — STA 93+58.00 C/L SKEW 107°00'00" RT
REMOVE 36" ACCGMP AND CRM
NEW 54" X 116' PIPE OPTION W/HWS, WWS, STONE FILL TYPE II AT INLET & OUTLET
SEE BRIDGE DETAIL SHEETS

NEW PEDESTRIAN BIKE PATH DRAINAGE

P1 — STA 89+00 C/L
NEW 18" X 63' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P2 — STA 89+00 - 91+40 LT
NEW 18" X 242' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P3 — STA 91+40 - 91+62 RT
NEW 18" X 22' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P4 — STA 91+40 - 91+60 LT
NEW 18" X 20' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P5 — STA 91+50 BR #141A
NEW 10'X10'X95' PEDESTRIAN-BIKE UNDERPASS
SEE BRIDGE DETAIL SHEETS

P6 — STA 91+60 LT - 91+64 RT
NEW 18" X 97' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P7 — STA 91+60 LT
NEW 18" X 20' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P8 — STA 91+60 - 93+23 LT
NEW 24" X 163' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

P9 — STA 93+23 - 93+60 LT
NEW 24" X 41' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

8-INCH UNDERDRAIN

U28 — STA 84+80 - 88+91 RT
NEW 8" X 411' UNDERDRAIN
W/FLUSHING BASIN AT 84+80 RT

U29 — STA 84+80 - 88+82 LT
NEW 8" X 402' UNDERDRAIN
W/FLUSHING BASIN AT 84+80 LT

U30 — STA 89+20 - 91+23 RT
NEW 8" X 203' UNDERDRAIN
W/FLUSHING BASIN AT 89+25 RT

U31 — STA 89+20 - 91+25 LT
NEW 8" X 205' UNDERDRAIN
W/FLUSHING BASIN AT 89+25 LT

U32 — STA 94+50 - 100+00 RT
NEW 8" X 550' UNDERDRAIN
W/FLUSHING BASIN AT 94+50 RT

U33 — STA 95+00 - 100+00 LT
NEW 8" X 500' UNDERDRAIN
W/FLUSHING BASIN AT 95+00 LT

8-INCH UNDERDRAIN CARRIER PIPE

C16 — STA 88+82 - 88+98 LT
NEW 8" X 25' UD CARRIER PIPE

C17 — STA 88+91 - 88+98 RT
NEW 8" X 12' UD CARRIER PIPE

C18 — STA 91+23 - 91+32 RT
NEW 8" X 18' UD CARRIER PIPE

C19 — STA 91+25 - 91+38 LT
NEW 8" X 25' UD CARRIER PIPE

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.

SCALE IN FEET: 0 30 60

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

FOR R.O.W. USE ONLY

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layll.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 11 OF 20

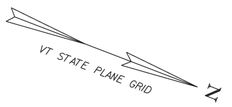
PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

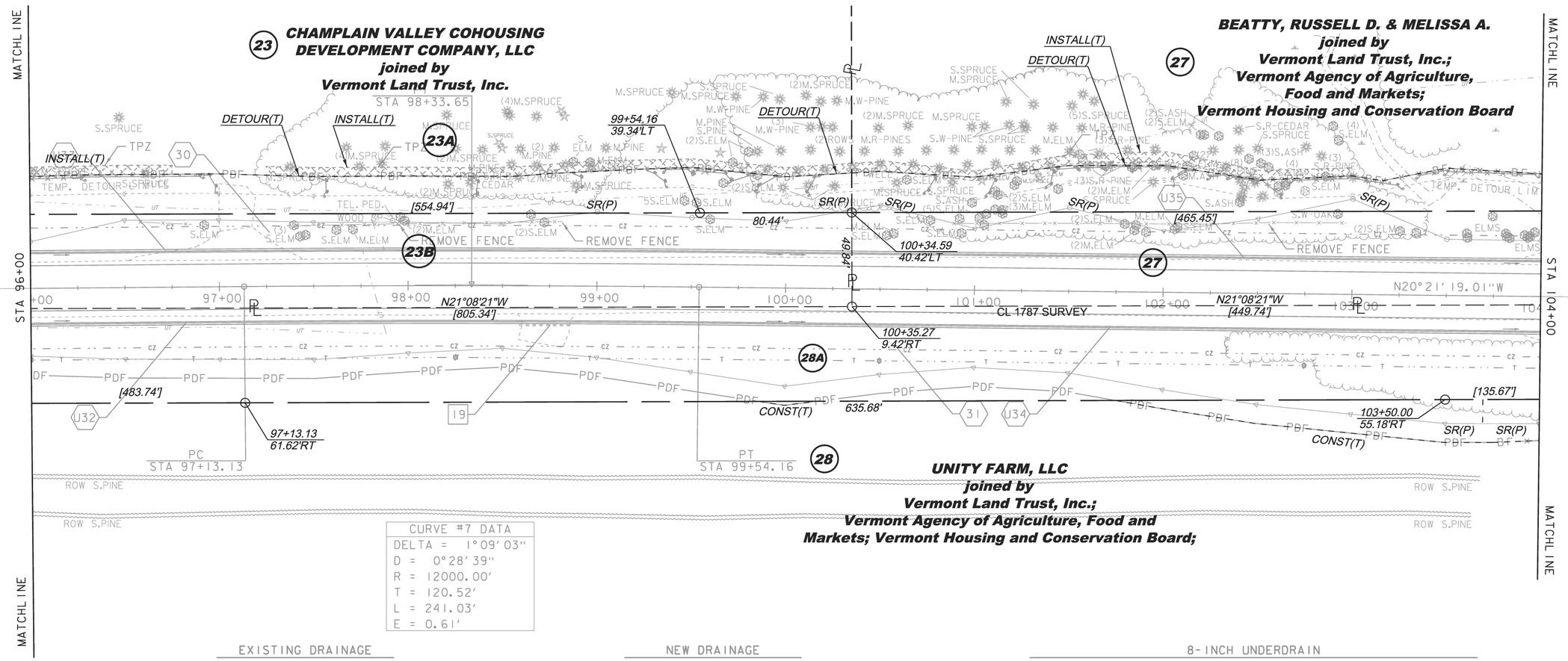
REMOVAL OF EXISTING FENCE

STA 96+57 - 96+86 LT (ABANDONED WOVEN WIRE)
STA 97+40 - 98+81 LT (ABANDONED WOVEN WIRE)
STA 100+87 - 102+97 LT (ABANDONED WOVEN WIRE)

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 97+92 LT





CURVE #7 DATA
DELTA = 1°09'03"
D = 0°28'39"
R = 12000.00'
T = 120.52'
L = 241.03'
E = 0.61'

EXISTING DRAINAGE

19 STA 98+59 - 98+87 RT
REMOVE 12" CGMP

NEW DRAINAGE

30 STA 96+00 - 103+00 LT
CONSTRUCT GRASS LINED TREATMENT SWALE

31 STA 99+50 - 103+70 RT
CONSTRUCT GRASS LINED TREATMENT SWALE

8-INCH UNDERDRAIN

U32 STA 94+50 - 100+00 RT
NEW 8" X 550' UNDERDRAIN
W/FLUSHING BASIN AT 94+50 RT

U33 STA 95+00 - 100+00 LT
NEW 8" X 500' UNDERDRAIN
W/FLUSHING BASIN AT 95+00 LT

U34 STA 100+00 - 104+50 RT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 100+00 RT

U35 STA 100+00 - 104+50 LT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 100+00 LT

FOR R.O.W. USE ONLY

0 30 60
SCALE IN FEET

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl2.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 12 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT PAVED DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 108+95 LT/(C)	STA 108+57.16/42.00 FT STA 109+25.95/42.00 FT	24 FT

REMOVAL OF EXISTING FENCE

STA 104+19 - 104+51 LT (ABANDONED WOVEN WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 104+58 - 105+90 RT
STA 104+58 - 105+90 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 104+20 - 104+58 RT
STA 104+20 - 104+58 LT
STA 105+89 - 106+28 RT
STA 105+89 - 106+28 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 104+73 RT
STA 104+75 LT
STA 104+82 LT
STA 104+89 RT
STA 104+98 LT
STA 105+04 RT
STA 107+24 LT

SPECIAL PROVISION (REMOVE AND RESET COMMERCIAL SIGN)

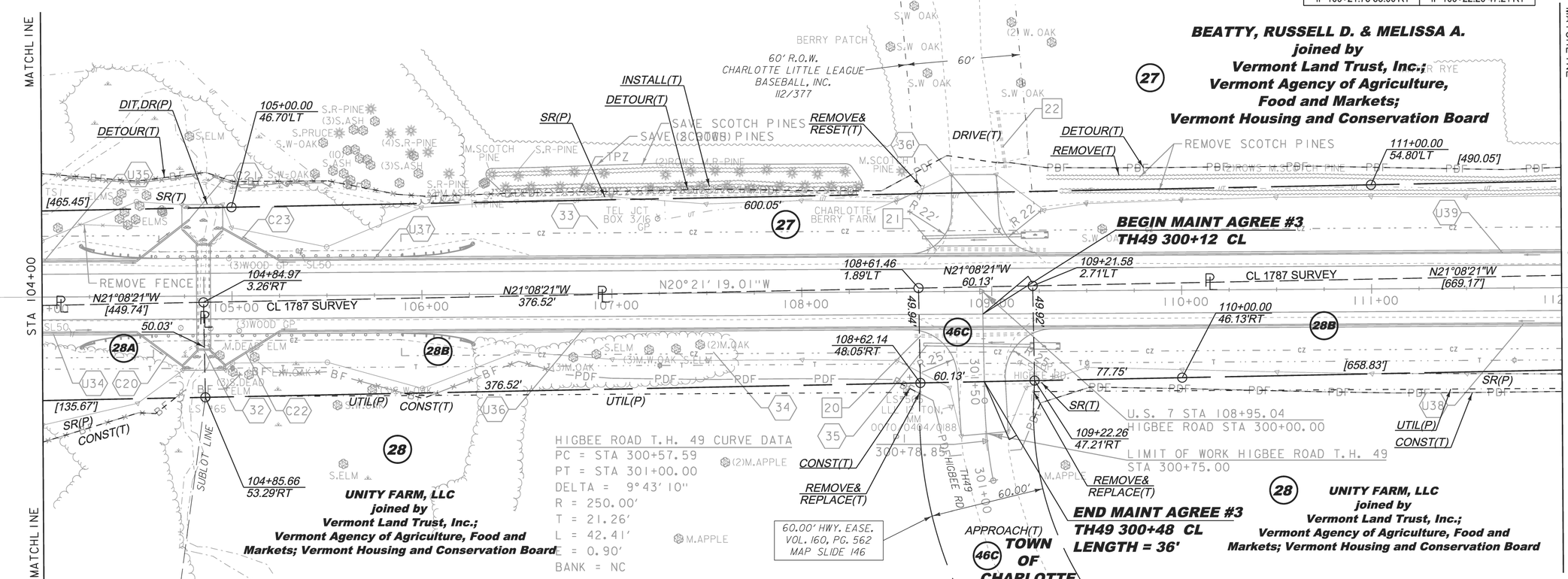
STA 108+63 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 108+92 LT

VT STATE PLANE, GRID N

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 108+61.90 52.83'RT	IP 108+62.14 48.05'RT
IP 109+21.75 53.00'RT	IP 109+22.26 47.21'RT



EXISTING DRAINAGE

20 STA 108+59 - 109+22 RT
REMOVE 15" CGMP

21 STA 108+66 - 109+29 LT
REMOVE 15" CGMP AND HEADWALL

22 STA 109+08 LT
RETAIN 15" CGMP AND (2) CRM

NEW DRAINAGE

32 STA 104+85 BR #142
REMOVE 5'X 5' CONCRETE BOX, HWS AND WWS
NEW 6'X 6'X 56' CONCRETE BOX W/HEADWALLS, WINGWALLS AND STONE FILL TYPE II AT INLET AND OUTLET. SEE BRIDGE DETAIL SHEETS

33 STA 106+50 - 112+50 LT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

34 STA 106+60 - 112+80 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

35 STA 108+64 - 109+20 RT
NEW 18" X 56' PIPE OPTION
W/STONE PAD AT INLET

36 STA 108+64 - 109+16 LT
NEW 18" X 52' PIPE OPTION
W/STONE PAD AT INLET

8-INCH UNDERDRAIN

U34 STA 100+00 - 104+50 RT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 100+00 RT

U35 STA 100+00 - 104+50 LT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 100+00 LT

U36 STA 105+25 - 111+50 RT
NEW 8" X 625' UNDERDRAIN
W/FLUSHING BASIN AT 111+50 RT

U37 STA 105+25 - 111+50 LT
NEW 8" X 625' UNDERDRAIN
W/FLUSHING BASIN AT 111+50 LT

U38 STA 111+50 - 118+50 RT
NEW 8" X 700' UNDERDRAIN
W/FLUSHING BASIN AT 118+50 RT

U39 STA 111+50 - 118+00 LT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 118+00 LT

8-INCH UNDERDRAIN CARRIER PIPE

C20 STA 104+50 - 104+75 RT
NEW 8" X 32' UD CARRIER PIPE

C21 STA 104+50 - 104+78 LT
NEW 8" X 35' UD CARRIER PIPE

C22 STA 104+95 - 105+25 RT
NEW 8" X 35' UD CARRIER PIPE

C23 STA 104+95 - 105+25 LT
NEW 8" X 35' UD CARRIER PIPE

0 30 60
SCALE IN FEET

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

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl3.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 13 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 118+33 LT/(R)	STA 118+16.01/42.00 FT STA 118+50.83/42.00 FT	11 FT
STA 120+17 LT/(R)	STA 119+79.01/30.00 FT STA 120+19.60/32.00 FT	10 FT

CONSTRUCT PAVED DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 117+12 RT/(R)	STA 116+92.78/32.00 FT STA 117+29.02/32.00 FT	11 FT

STEEL BEAM GUARDRAIL, GALVANIZED

STA 117+40 - 117+98 RT

MANUFACTURED TERMINAL SECTION, FLARED

STA 117+98 - 118+37 RT

REMOVAL AND DISPOSAL OF GUARDRAIL

STA 117+33 - 118+22 RT

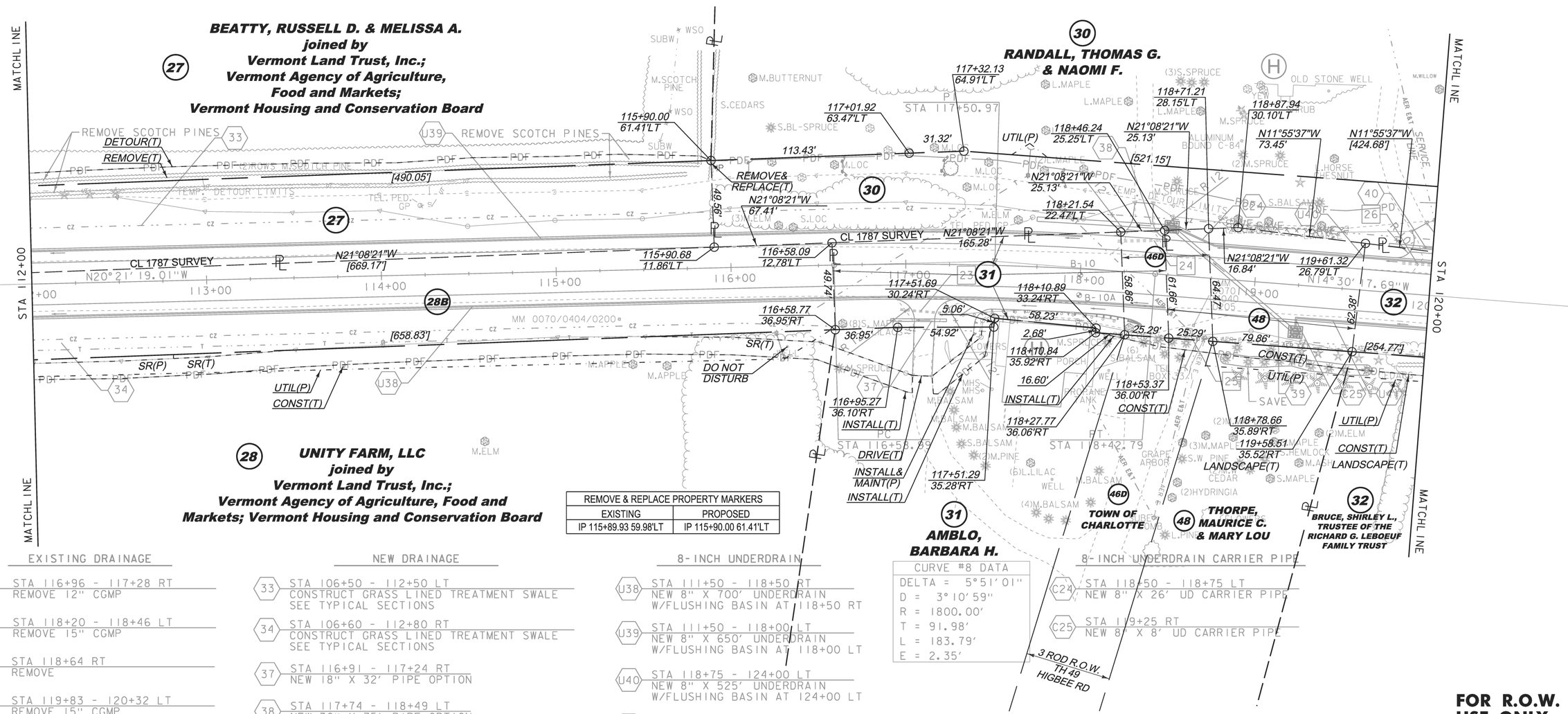
REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 114+23 LT
STA 117+72 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 118+33 LT
STA 120+17 LT

VT STATE PLANE GRID N



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 115+89.93 59.98'LT	IP 115+90.00 61.41'LT

EXISTING DRAINAGE

23 STA 116+96 - 117+28 RT
REMOVE 12" CGMP

24 STA 118+20 - 118+46 LT
REMOVE 15" CGMP

25 STA 118+64 RT
REMOVE

26 STA 119+83 - 120+32 LT
REMOVE 15" CGMP

NEW DRAINAGE

33 STA 106+50 - 112+50 LT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

34 STA 106+60 - 112+80 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

37 STA 116+91 - 117+24 RT
NEW 18" X 32' PIPE OPTION

38 STA 117+74 - 118+49 LT
NEW 30" X 75' PIPE OPTION
NEW PRCCB W/TYPE B GRATE

39 STA 118+51 LT - 119+24 RT
NEW 24" X 90' PIPE OPTION
NEW PRCCP W/TYPE B GRATE

40 STA 119+75 - 120+15 LT
NEW 18" X 40' PIPE OPTION

8-INCH UNDERDRAIN

U38 STA 111+50 - 118+50 RT
NEW 8" X 700' UNDERDRAIN
W/FLUSHING BASIN AT 118+50 RT

U39 STA 111+50 - 118+00 LT
NEW 8" X 650' UNDERDRAIN
W/FLUSHING BASIN AT 118+00 LT

U40 STA 118+75 - 124+00 LT
NEW 8" X 525' UNDERDRAIN
W/FLUSHING BASIN AT 124+00 LT

U41 STA 119+25 - 124+00 RT
NEW 8" X 475' UNDERDRAIN
W/FLUSHING BASIN AT 124+00 RT

0 30 60
SCALE IN FEET

CURVE #8 DATA
DELTA = 5°51'01"
D = 3°10'59"
R = 1800.00'
T = 91.98'
L = 183.79'
E = 2.35'

8-INCH UNDERDRAIN CARRIER PIPE

C24 STA 118+50 - 118+75 LT
NEW 8" X 26' UD CARRIER PIPE

C25 STA 119+25 RT
NEW 8" X 8' UD CARRIER PIPE

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl4.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 14 OF 20

PLOT DATE: 05-JAN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 28 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 120+17 LT/(R)	STA 119+79.01/30.00 FT STA 120+19.60/32.00 FT	10 FT

REMOVING AND RESETTING FENCE

STA 120+14 - 120+94 LT (ORNAMENTAL WOOD POST & RAIL)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 120+81 - 128+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 120+43 - 120+81 LT

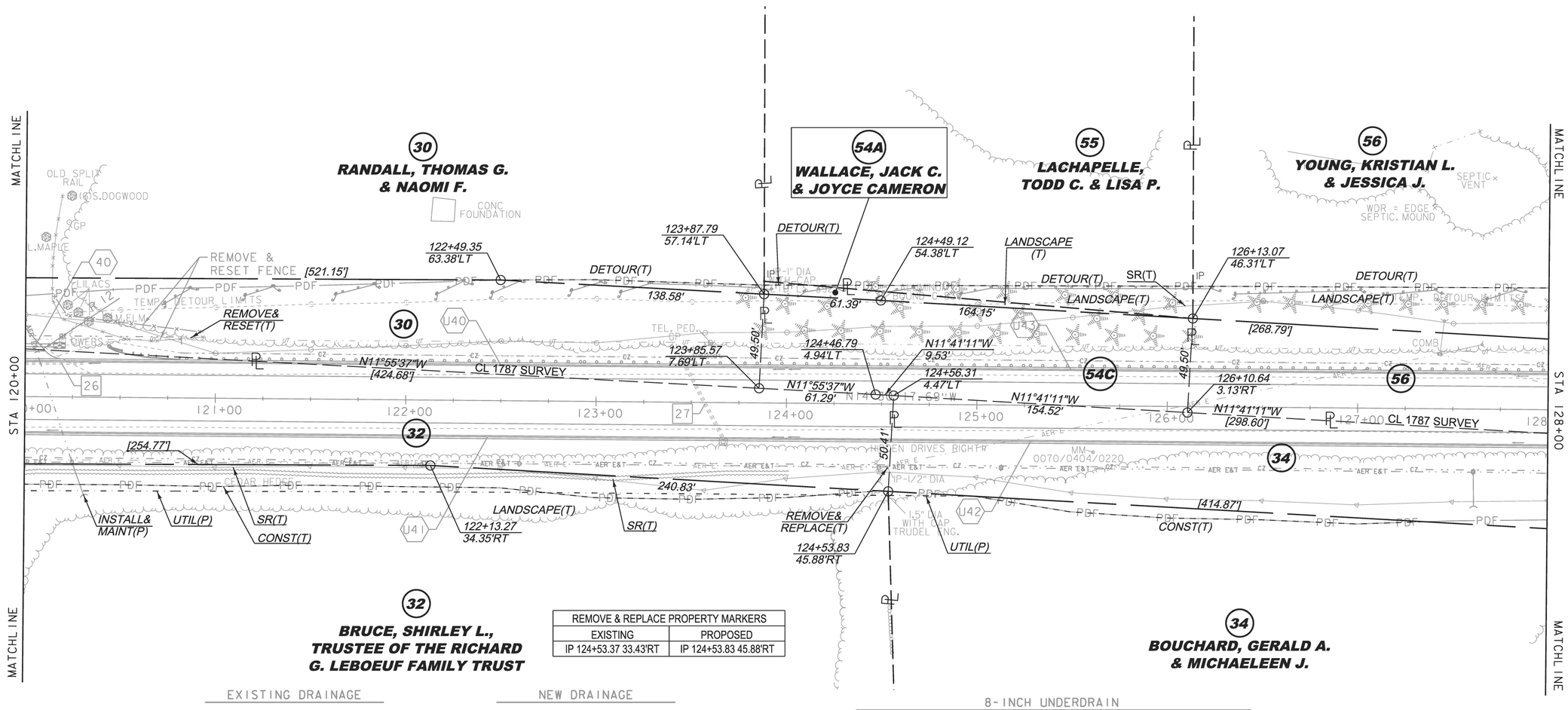
REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 123+60 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 120+17 LT

VT STATE PLANE GRID N



REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 124+53.37 33.43'RT	IP 124+53.83 45.88'RT

EXISTING DRAINAGE

26 STA 120+00 - 120+32 LT
REMOVE 15" CGMP

27 STA 123+43 LT - 123+67 RT
REMOVE 18" RCP AND DI

NEW DRAINAGE

40 STA 120+00 - 120+15 LT
NEW 18" X 40' PIPE OPTION
W/STONE PAD @ INLET & OUTLET

8-INCH UNDERDRAIN

U40 STA 120+00 - 124+00 LT
NEW 8" X 525' UNDERDRAIN
W/FLUSHING BASIN AT 124+00 LT

U41 STA 120+00 - 124+00 RT
NEW 8" X 475' UNDERDRAIN
W/FLUSHING BASIN AT 124+00 RT

U42 STA 124+00 - 128+00 RT
NEW 8" X 500' UNDERDRAIN
W/FLUSHING BASIN AT 129+00 RT

U43 STA 124+00 - 128+00 LT
NEW 8" X 400' UNDERDRAIN
W/FLUSHING BASIN AT 128+00 LT

FOR R.O.W. USE ONLY

0 00 30 60
SCALE IN FEET

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay15.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 15 OF 20

PLOT DATE: 23-JUN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 129+90 RT/(R)	STA 129+74.49/32.00 FT STA 130+10.93/32.00 FT	14 FT
STA 132+25 RT/(F)	STA 132+02.81/32.00 FT STA 132+47.19/32.00 FT	20 FT
STA 134+31 RT/(R)	STA 134+09.57/32.00 FT STA 134+47.77/32.00 FT	14 FT

CONSTRUCT PAVED DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 132+13 LT/(C)	STA 131+89.50/42.00 FT STA 132+53.28/42.00 FT	20 FT

RELOCATE MAILBOX, SINGLE SUPPORT

STA 134+39 LT

REMOVING AND RESETTING FENCE

STA 132+62 - 136+00 LT (IN-USE WOVEN WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 128+00 - 131+44 LT
STA 132+90 - 136+00 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 131+44 - 131+82 LT
STA 132+52 - 132+90 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 129+93 LT
STA 134+05 RT
STA 134+51 RT
STA 135+17 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 129+90 RT
STA 132+25 RT
STA 134+31 RT

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)

STA 134+87 - 136+00 RT

VT STATE PLANE GRID N

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 132+48.51 33.47'LT	IP 132+48.47 33.17'LT
IP 135+36.64 30.45'LT	BND SAME LOCATION

56 **YOUNG, KRISTIAN L. & JESSICA J.**

57 **HARRINGTON, PETER J. & LOIS A.**

54B **WALLACE, JACK C. & JOYCE CAMERON**

45 **WILDWOOD WEST HOMEOWNER'S ASSOCIATION, INCORPORATED**

39 **STONE, EDWARD H. & MARCIA T.**

34 **BOUCHARD, GERALD A. & MICHAELEEN J.**

38 **L.&E. PRODUCTS, INCORPORATED**

40 **THORNTON, MARY E.**

MATCHLINE STA 128+00

MATCHLINE STA 136+00

PI STA 131+43.52

PC STA 128+68.23

PT STA 134+17.85

FENCE HAS BEEN REMOVED

RECONSTRUCT (T)

DETOUR(T)

DETOUR (T) IP

REMOVE& RESET(T)

REMOVE&RESET(T)

REMOVE & RESET FENCE

REMOVE& REPLACE(T)

REMOVE& REPLACE(T)

SR(T)

SR(P)

LANDSCAPE(T)

INSTALL(T)

PAVING LIMITS

TEMP. DETOUR LIMITS

60.00' R.O.W.

R.O.W.

SERVICE LINE

R=3,182.30' L=279.93'

R=3,182.30' L=46.74'

R=3,182.30' L=29.85'

CL 1787 SURVEY

N11°41'11"W [298.60']

N11°41'11"W 214.37'

N11°41'11"W 65.47'

N11°41'11"W 43.87'

N05°10'26"W 167.75'

N05°10'26"W 10.97'

N05°10'26"W [502.33']

N6° 13' 03.79"W

128+81.42 33.11'LT

129+11.01 33.40'LT

129+09.07 17.60'RT

131+90.28 18.00'RT

131+88.46 33.74'LT

132+34.79 33.39'LT

132+48.47 33.17'LT

132+45.30 16.90'RT

133+77.75 33.54'LT

134+13.82 23.85'RT

135+36.64 30.45'LT

131+24.51 19.76'RT

131+25.43 69.30'RT

132+34.31 16.19'RT

132+33.86 65.67'RT

128+68.23 65.75'RT

134+12.85 73.28'RT

[268.79']

[414.87']

[599.35']

[502.33']

130.41'

159.27'

175.87'

252.61'

106.56'

13.80'

49.99'

49.42'

50.17'

51.77'

51.03'

CURVE #9 DATA

DELTA =	8°17'14" RT
D =	1°30'28"
R =	3800.00'
T =	275.29'
L =	549.63'
E =	9.96'
BANK =	0.030

EXISTING DRAINAGE

28 STA 129+29 C/L
REMOVE 18" RCP AND DI

29 STA 129+74 - 130+09 RT
REMOVE 18" CGMP

30 STA 133+96 - 134+55 RT
REMOVE 15" CGMP

NEW DRAINAGE

41 STA 129+80 - 130+02 RT
NEW 18" X 22' PIPE OPTION
W/STONE PAD AT INLET & OUTLET

41A STA 132+08 - 132+40 RT
NEW 18" X 32' PIPE OPTION
W/STONE PAD AT OUTLET

8-INCH UNDERDRAIN

U42 STA 128+00 - 129+00 RT
NEW 8" X 500' UNDERDRAIN
W/FLUSHING BASIN AT 129+00 RT

U44 STA 129+00 - 134+50 RT
NEW 8" X 550' UNDERDRAIN
W/FLUSHING BASIN AT 134+50 RT

U45 STA 135+00 - 136+00 RT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 135+00 RT

U46 STA 135+00 - 136+00 LT
NEW 8" X 575' UNDERDRAIN
W/FLUSHING BASIN AT 135+00 LT

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl6.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 16 OF 20

PLOT DATE: 23-JUN-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 30 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 141+86 RT/(C)	STA 141+51.55/42.02 FT STA 142+23.95/42.06 FT	26 FT

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 142+08 RT

REMOVING AND RESETTING FENCE

STA 136+00 - 140+73 LT (IN-USE WOVEN WIRE)

REMOVAL OF EXISTING FENCE

STA 139+90 - 140+37 RT (ABANDONED BARBED WIRE)
STA 140+91 - 141+44 RT (ABANDONED BARBED WIRE)
STA 142+18 - 144+00 RT (ABANDONED BARBED WIRE)

STEEL BEAM GUARDRAIL, GALVANIZED

STA 132+90 - 144+00 LT

REMOVAL AND DISPOSAL OF GUARDRAIL

STA 140+17 - 144+00 LT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 141+89 RT

REMOVE STONEWALL (COMMON EXCAVATION)

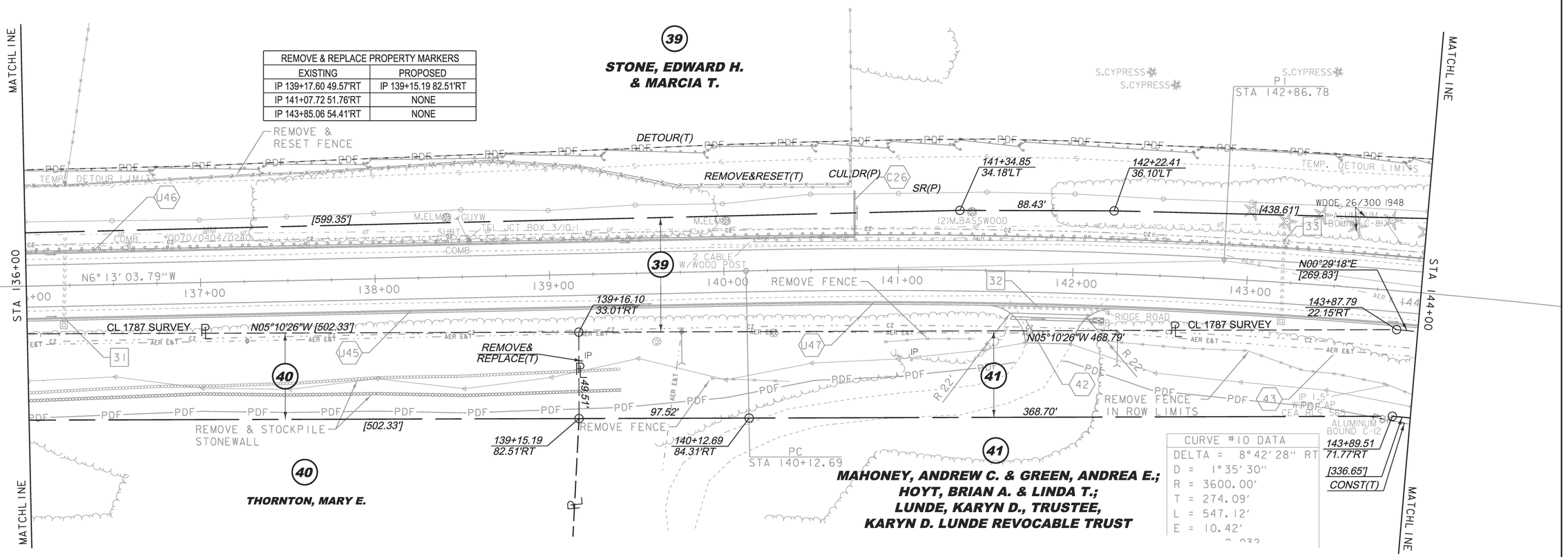
STA 134+87 - 139+39 RT

SPECIAL PROVISION (REMOVE AND STOCKPILE STONEWALL)

STA 134+87 - 139+39 RT

VT STATE PLANE GRID N

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
IP 139+17.60 49.57'RT	IP 139+15.19 82.51'RT
IP 141+07.72 51.76'RT	NONE
IP 143+85.06 54.41'RT	NONE



CURVE #10 DATA	
DELTA =	8°42'28" RT
D =	1°35'30"
R =	3600.00'
T =	274.09'
L =	547.12'
E =	10.42'

EXISTING DRAINAGE

31 STA 136+22 C/L
REMOVE 18" RCP AND DI

32 STA 141+60 - 142+20 RT
REMOVE 15" CGMP

33 STA 143+20 C/L
REMOVE 18" RCP AND DI

NEW DRAINAGE

42 STA 141+65 - 142+13 RT
NEW 18" X 47' PIPE OPTION

43 STA 143+80 - 148+30 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

8-INCH UNDERDRAIN

U45 STA 135+00 - 139+50 RT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 135+00 RT

U46 STA 135+00 - 140+75 LT
NEW 8" X 575' UNDERDRAIN
W/FLUSHING BASIN AT 135+00 LT

U47 STA 139+50 - 145+00 RT
NEW 8" X 550' UNDERDRAIN
W/FLUSHING BASIN AT 139+50 RT

8-INCH UNDERDRAIN CARRIER PIPE

C26 STA 140+75 LT
NEW 8" X 27' UD CARRIER PIPE

FOR R.O.W. USE ONLY

0 30 60
SCALE IN FEET

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl7.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 17 OF 20

PLOT DATE: 24-MAR-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 31 OF 132

REMOVAL OF EXISTING FENCE
STA 142+18 - 146+16 RT (ABANDONED BARBED WIRE)

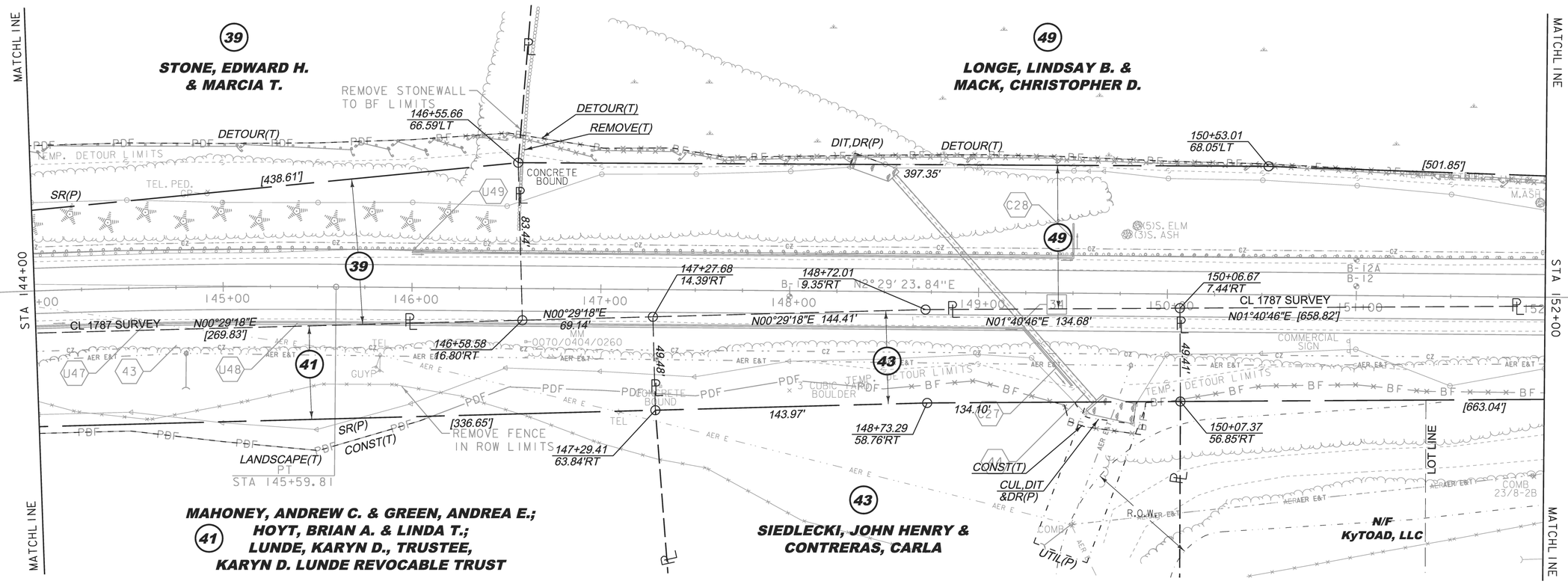
STEEL BEAM GUARDRAIL, GALVANIZED
STA 132+90 - 154+42 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA 140+17 - 153+64 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS
STA 144+92 LT

REMOVE STONEWALL (COMMON EXCAVATION)
STA 146+57 LT

N
VT STATE PLANE GRID



EXISTING DRAINAGE

34 STA 148+54 LT - 149+63 RT
REMOVE 30" RCP AND CRM

NEW DRAINAGE

43 STA 143+80 - 148+30 RT
CONSTRUCT GRASS LINED TREATMENT SWALE
SEE TYPICAL SECTIONS

44 STA 149+10 C/L
NEW 36" X 100' PIPE OPTION
W/TYPE II STONE FILL AT OUTLET
NEW CONCRETE HEADWALL

8-INCH UNDERDRAIN

U47 STA 139+50 - 145+00 RT
NEW 8" X 550' UNDERDRAIN
W/FLUSHING BASIN AT 139+50 RT

U48 STA 145+00 - 149+25 RT
NEW 8" X 450' UNDERDRAIN
W/FLUSHING BASIN AT 145+00 RT

U49 STA 146+00 - 149+50 LT
NEW 8" X 350' UNDERDRAIN
W/FLUSHING BASIN AT 146+00 LT

8-INCH UNDERDRAIN CARRIER PIPE

C27 STA 149+25 - 149+50 RT
NEW 8" X 40' UD CARRIER PIPE

C28 STA 149+50 LT
NEW 8" X 18' UD CARRIER PIPE

FOR R.O.W. USE ONLY

0 30 60
SCALE IN FEET

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.

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_layl8.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 18 OF 20

PLOT DATE: 26-FEB-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 153+54 RT/(R)	STA 153+21.78/34.00 FT STA 153+77.25/42.00 FT	28 FT
STA 154+91 LT/(R)	STA 154+77.80/32.00 FT STA 155+14.59/32.00 FT	12 FT
STA 157+25 RT/(R)	STA 157+06.20/32.00 FT STA 157+43.85/32.00 FT	14 FT

RELOCATE MAILBOX, MULTIPLE SUPPORT

STA 153+65 RT
STA 156+31 RT

STEEL BEAM GUARDRAIL, GALVANIZED

STA 132+90 - 154+42 LT
STA 155+63 - 162+89 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 154+42 - 154+81 LT
STA 155+25 - 155+63 LT

REMOVAL AND DISPOSAL OF GUARDRAIL

STA 140+17 - 153+64 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS

STA 154+07 LT
STA 156+37 LT

REMOVING AND RESETTING FENCE

STA 154+93 - 155+17 LT

SPECIAL PROVISION (REMOVE AND RESET COMMERCIAL SIGN)

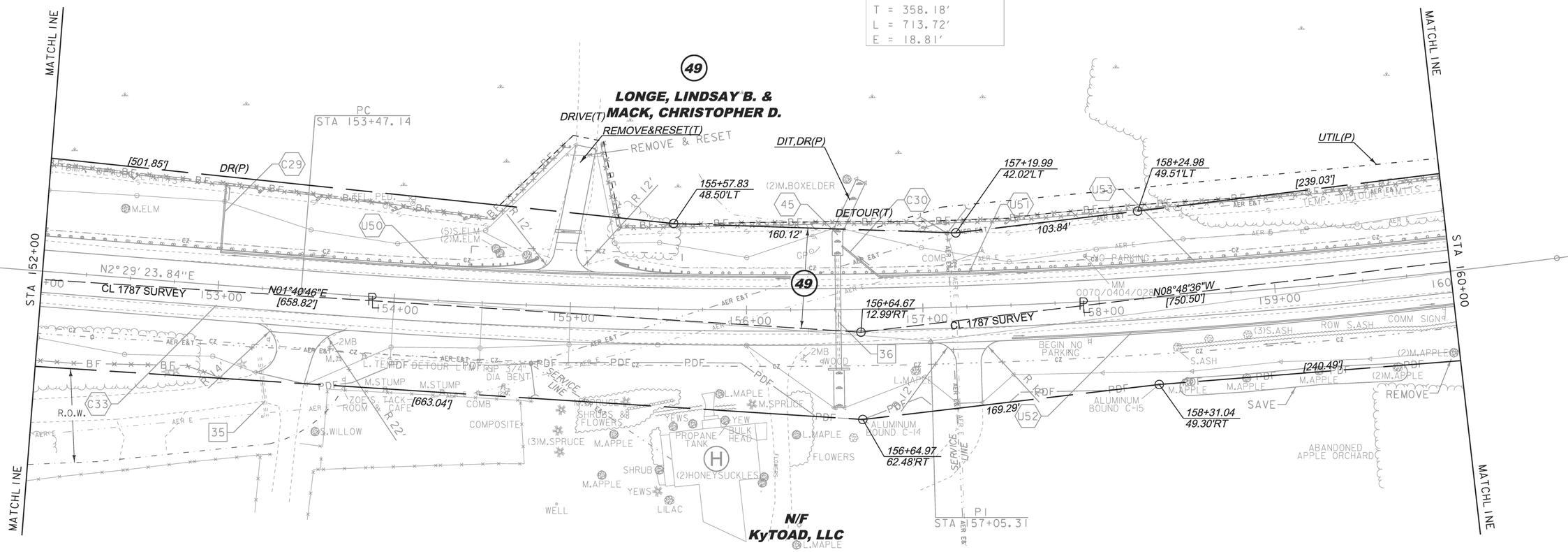
STA 153+75 RT

SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 153+55 RT
STA 154+93 LT
STA 157+25 RT

N
VT STATE PLANE GRID

CURVE #11 DATA
DELTA = 12°01'39"
D = 1°41'07"
R = 3400.00'
T = 358.18'
L = 713.72'
E = 18.81'



EXISTING DRAINAGE

35 STA 153+30 RT
RETAIN 24" RCP

36 STA 156+52 C/L
REMOVE 24" RCP

NEW DRAINAGE

45 STA 156+52 C/L
REMOVE EXISTING 24" RCP
NEW 36" X 65' PIPE OPTION
W/TYPE II STONE PAD AT INLET
AND OUTLET

8-INCH UNDERDRAIN

U50 STA 153+00 - 156+25 LT
NEW 8" X 325' UNDERDRAIN
W/FLUSHING BASIN AT 156+25 LT
@ 0.50% SLOPE

U51 STA 156+75 - 157+50 LT
NEW 8" X 75' UNDERDRAIN
W/FLUSHING BASIN AT 157+50 RT
@ 0.50% SLOPE

U52 STA 157+50 - 160+68 RT
NEW 8" X 320' UNDERDRAIN
W/FLUSHING BASIN AT 157+50 LT
@ 0.50% SLOPE

U53 STA 157+50 - 160+68 LT
NEW 8" X 318' UNDERDRAIN
W/FLUSHING BASIN AT 157+50 LT
@ 0.50% SLOPE

8-INCH UNDERDRAIN CARRIER PIPE

C29 STA 153+00 LT
NEW 8" X 40' UD CARRIER PIPE

C30 STA 156+53 - 156+75 LT
NEW 8" X 27' UD CARRIER PIPE

FOR R.O.W. USE ONLY

0 30 60
SCALE IN FEET

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay19.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 19 OF 20

PLOT DATE: 26-FEB-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 33 OF 132

CONSTRUCT GRAVEL DRIVES

LOCATION/TYPE	RADII STA/OFFSET	APPROX. WIDTH
STA 163+72 LT/(R)	STA 163+47.33/32.00 FT STA 163+96.31/32.00 FT	23 FT

STEEL BEAM GUARDRAIL, GALVANIZED

STA 155+65 - 162+88 LT

MANUFACTURED TERMINAL SECTION, FLARED

STA 162+88 - 163+27 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS

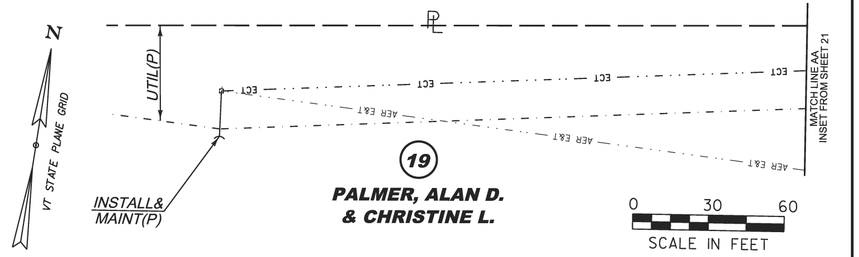
STA 163+94 LT

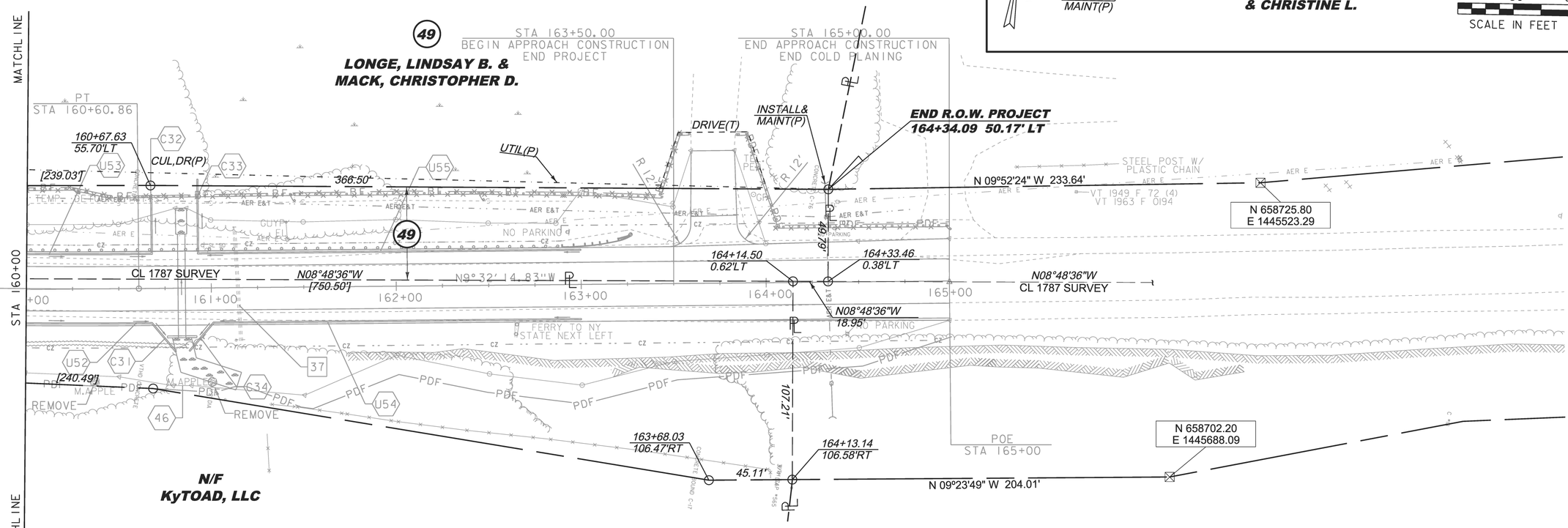
SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE, DRIVES)

STA 163+72 LT

VT STATE PLANE GRID N

INSET FROM SHEET 21





EXISTING DRAINAGE

37 STA 161+15 RT
REMOVE 24" RCP

NEW DRAINAGE

46 STA 160+84 BOX CULVERT C/L
NEW 48" X 56' PIPE OPTION W/HEADWALL
TYPE II STONE FILL AT INLET AND OUTLET

8-INCH UNDERDRAIN

U52 STA 157+50 - 160+68 RT
NEW 8" X 320' UNDERDRAIN
W/FLUSHING BASIN AT 157+50 RT
@ 0.50% SLOPE

U53 STA 157+50 - 160+68 LT
NEW 8" X 318' UNDERDRAIN
W/FLUSHING BASIN AT 157+50 LT
@ 0.50% SLOPE

U54 STA 161+00 - 163+00 RT
NEW 8" X 200' UNDERDRAIN
W/FLUSHING BASIN AT 163+00 RT
@ 0.50% SLOPE

U55 STA 160+93 - 163+00 LT
NEW 8" X 207' UNDERDRAIN
W/FLUSHING BASIN AT 163+00 LT
@ 0.50% SLOPE

8-INCH UNDERDRAIN CARRIER PIPE

C31 STA 160+68 RT - 160+81 RT
NEW 8" X 20' UD CARRIER PIPE

C32 STA 160+68 LT
NEW 8" X 32' UD CARRIER PIPE

C33 STA 160+93 LT
NEW 8" X 41' UD CARRIER PIPE

C34 STA 160+88-161+00 RT
NEW 8" X 20' UD CARRIER PIPE

0 30 60
SCALE IN FEET

FOR R.O.W. USE ONLY

THIS PROJECT SUBJECT TO STORMWATER PERMIT 3438-INDS

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.

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: F EGC 019-4(20)

FILE NAME: r78d062_lay20.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
ROW LAYOUT SHEET 20 OF 20

PLOT DATE: 26-FEB-2015
DRAWN BY: E. PIERCE
CHECKED BY: E. PIERCE
SHEET 34 OF 132

GPS CONTROL POINTS

HVCTRL # 1

STANDARD DISK STAMPED
Jimmo

N = 641931.019
E = 1449645.375
ELEV. = 215.469

GENERAL LOCATION, FERRISBURG, VT. TO REACH FROM THE INTERSECTION OF US ROUTE 7, VT ROUTE F-5 (FERRY ROAD) , AND CHURCH HILL ROAD GO SOUTH ALONG US ROUTE 7 FOR 3.8 MI (6.1 KM) TO THE INTERSECTION OF STAGE ROAD RIGHT AND OLD HOLLOW ROAD LEFT AND THE SITE OF THE MARK ON THE LEFT IN A LAWN IN THE NORTHEAST QUADRANT OF THE INTERSECTION. THE MARK IS SET 2 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT POURED TO A DEPTH OF 1.3 M. (4.3 FT) IT IS 4.2 M (13.8 FT) EAST OF AND ABOUT 0.2 M (0.7 FT) LOWER THAN THE EAST EDGE OF PAVEMENT OF US ROUTE 7, 12.4 M (40.7 FT) NORTH OF THE CENTERLINE OF OLD HOLLOW ROAD, 20.2 M (66.3 FT) SOUTHWEST OF THE SOUTHWEST CORNER OF JIMMOS MOTEL, AND 4.0 M (13.1 FT) NORTH OF THE ROAD SIGN FOR OLD HOLLOW ROAD AND A FIBERGLASS WITNESS POST.

HVCTRL # 2

STANDARD DISK STAMPED
L 65

N = 643212.329
E = 1449190.094
ELEV. = 223.038

TO REACH FROM THE JUNCTION OF VT ROUTE 22A AND U.S. ROUTE 7 IN VERGENNES PROCEED NORTH ALONG U.S. ROUTE 7 FOR 5.7 MI (9.2 KM) TO THE MARK ON THE RIGHT, IN A ROCK OUTCROP IN FRONT OF C AND G SALES AND SERVICE. TO REACH FROM THE JUNCTION OF VT ROUTE F-5 AND U.S. ROUTE 7 IN CHARLOTTE PROCEED SOUTH ALONG U.S. ROUTE 7 FOR 3.55 MI (5.71 KM) TO THE MARK ON THE LEFT. THE MARK IS 13.3 M (43.6 FT) EAST-NORTHEAST OF THE CENTERLINE OF U.S. ROUTE 7, 18.3 M (60.0 FT) NORTHWEST OF THE CENTERLINE OF A DRIVEWAY LEADING TO C AND G SALES AND SERVICE.

• DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

GPS CONTROL POINTS

HVCTRL # 7

STANDARD DISK STAMPED
K 65

N = 648528.746
E = 1447915.667
ELEV. = 246.699

8.2 KM (5.15 MI) NORTH ALONG U.S. HIGHWAY 7 FROM THE POST OFFICE IN FERRISBURG TO THE MARK ON THE LEFT, 9.9 METERS (32.5 FT) WEST OF THE CENTERLINE OF THE HIGHWAY, 3.6 METERS (12.0 FT) NORTH OF THE CENTER OF A DRIVEWAY, 14.4 METERS (47.5 FT) SOUTHEAST OF THE SOUTHEAST CORNER OF A HOUSE. THE MARK IS 0.45 M BELOW HIGHWAY.

HVCTRL # 11

STANDARD DISK STAMPED
J 65

N = 654072.658
E = 1446125.359
ELEV. = 253.760

10.1 KM (6.35 MI) SOUTH ALONG U.S. HIGHWAY 7 FROM THE METHODIST CHURCH IN SHELBURNE TO THE MARK ON THE LEFT, ALSO 10.1 KM (6.3 MI) NORTH ALONG HIGHWAY 7 FROM THE POST OFFICE IN FERRISBURG, 8.3 METERS (27.5 FT) NORTHEAST OF THE CENTERLINE OF THE HIGHWAY, 21.3 METERS (70.0 FT) NORTHWEST OF POWER POLE 40 WITH TRANSFORMER, 12.8 METERS (42.0 FT) SOUTHWEST OF POWER POLE 39-31. THE MARK IS ABOVE LEVEL WITH HIGHWAY.

GPS CONTROL POINTS

HVCTRL # 16

STANDARD DISK STAMPED
BND C 18

N = 658854.158
E = 1445633.565
ELEV. = 284.211

GENERAL LOCATION, CHARLOTTE, VT. TO REACH FROM THE INTERSECTION OF US ROUTE 7, VT ROUTE F-5 (FERRY ROAD) , AND CHURCH HILL ROAD GO SOUTH ALONG US ROUTE 7 FOR 0.4 MI (0.6 KM) TO THE INTERSECTION OF BOWN LANE LEFT. TURN LEFT AND GO SOUTHEAST UP BOWN LANE FOR ABOUT 55 M (180.4 FT) TO THE SITE OF THE MARK ON THE RIGHT IN A LAWN. THE MARK IS A SURVEY DISK SET 7 CM BELOW GROUND SURFACE IN THE TOP OF A CAST ALUMINUM MONUMENT. IT IS 18.4 M (60.4 FT) EAST OF AND ABOUT 7.0 M (23.0 FT) HIGHER THAN THE EAST EDGE OF PAVEMENT OF US ROUTE 7, 5.6 M (18.4 FT) WEST SOUTHWEST OF THE CENTERLINE OF BOWN LANE, 15.3 M (50.2 FT) WEST OF POLE NO 6-1, AND 2.7 M (8.9 FT) EAST OF A FIBERGLASS WITNESS POST.

HVCTRL # 17

STANDARD DISK STAMPED
BND C 18 Az Mk

N = 462123.259
E = 1444542.150
ELEV. = 266.126

GENERAL LOCATION, CHARLOTTE, VT. TO REACH FROM THE INTERSECTION OF US ROUTE 7, VT ROUTE F-5 (FERRY ROAD) , AND CHURCH HILL ROAD GO NORTH ALONG US ROUTE 7 FOR 0.2 MI (0.3 KM) TO THE SITE OF THE MARK ON THE LEFT OPPOSITE THE INTERSECTION OF A GRAVEL DRIVE RIGHT LEADING TO HOUSE NO 3047. THE MARK IS SET 5 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT POURED TO A DEPTH OF 1.3 M. (4.3 FT) IT IS 2.3 M (7.5 FT) WEST OF AND ABOUT 0.5 M (1.6 FT) LOWER THAN THE WEST EDGE OF PAVEMENT OF US ROUTE 7, 15.4 M (50.5 FT) NORTH NORTHEAST OF THE WEST (OUTLET) END OF A 90 CM DIAMETER CONCRETE CULVERT, 25.3 M (83.0 FT) SOUTH OF THE EAST SUPPORT LEG FOR A TRAVEL INFORMATION SIGN, AND 0.2 M (0.7 FT) SOUTH OF A FIBERGLASS WITNESS POST.

DATUM

VERTICAL	NGVD 88
HORIZONTAL	NAD 88 (96)
ADJUSTMENT	Compass

PROJECT NAME: CHARLOTTE
PROJECT NUMBER: FEGC 019-4(20)

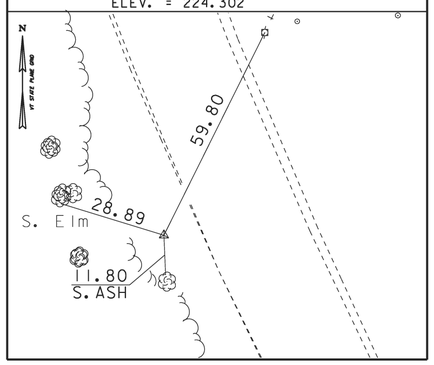
FILE NAME: 78d062/survey/x78d062ti.dgn
PROJECT LEADER: K. UPMAL
DESIGNED BY: B. KIPP
TISHEET 1

PLOT DATE: 03-APR-2013
DRAWN BY: R. BULLOCK
CHECKED BY: SURVEY
SHEET 37 OF 132

TRAVERSE TIES

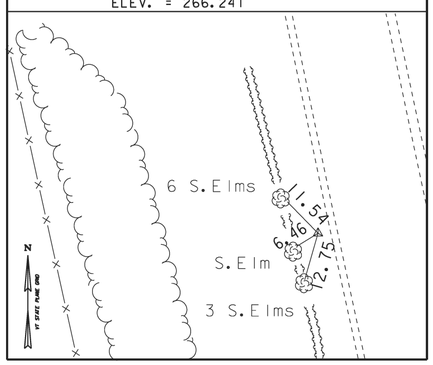
HVCTRL 3

NORTH = 644071.01
EAST = 1448683.12
ELEV. = 224.302



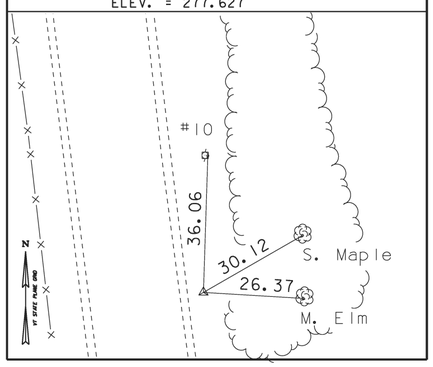
HVCTRL 4

NORTH = 644932.78
EAST = 1448466.06
ELEV. = 266.241



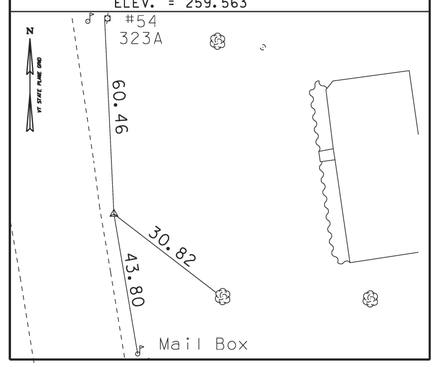
HVCTRL 5

NORTH = 645433.05
EAST = 1448412.25
ELEV. = 277.627



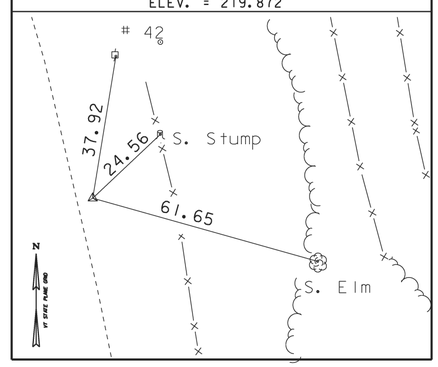
HVCTRL 6

NORTH = 648022.12
EAST = 1448039.83
ELEV. = 259.563



HVCTRL 8

NORTH = 649515.43
EAST = 1447829.39
ELEV. = 219.872

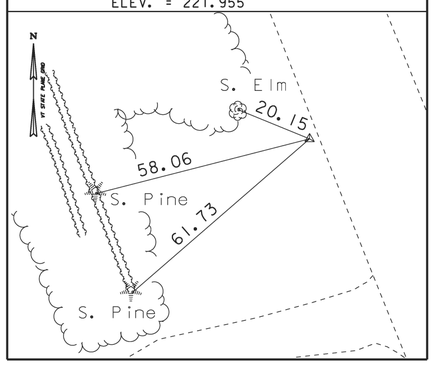


- MAIN TRAVERSE COMPLETED 01/22/03 by R. Gilman P.C. & P. Winters & D. breer

TRAVERSE TIES

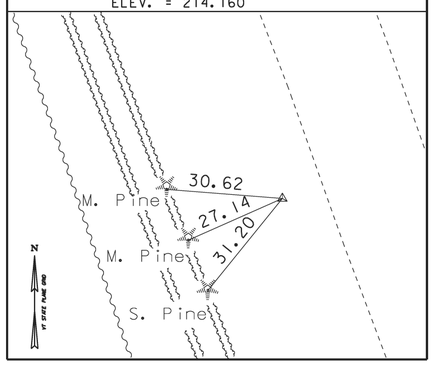
HVCTRL 9

NORTH = 651099.98
EAST = 1447181.57
ELEV. = 221.955



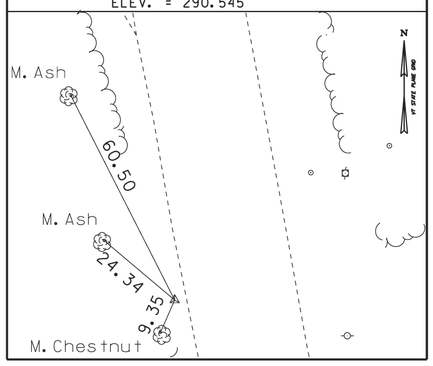
HVCTRL 10

NORTH = 653387.05
EAST = 1446302.13
ELEV. = 214.160



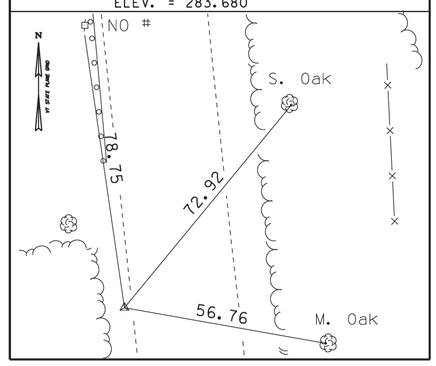
HVCTRL 12

NORTH = 655181.23
EAST = 1445797.02
ELEV. = 290.545



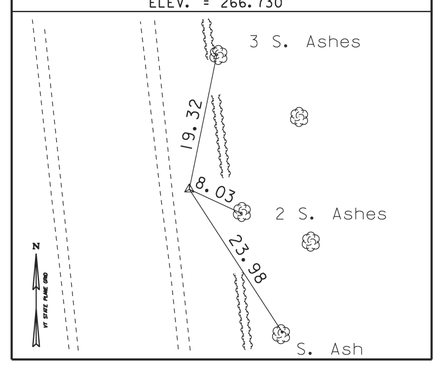
HVCTRL 13

NORTH = 656054.28
EAST = 1445689.99
ELEV. = 283.680



HVCTRL 14

NORTH = 657943.36
EAST = 1445719.76
ELEV. = 266.730



ALIGNMENT TIES

NORTH =
EAST =

NORTH =
EAST =

NORTH =
EAST =

NORTH =
EAST =

NORTH =
EAST =

- ALIGNMENT STAKED

DATUM

VERTICAL NGVD 88
HORIZONTAL NAD 88 (96)
ADJUSTMENT Compass

PROJECT NAME: CHARLOTTE
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FILE NAME: 78d062/survey/x78d062ti.dgn
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TISHEET 2

PLOT DATE: 03-APR-2013
DRAWN BY: R. BULLOCK
CHECKED BY: SURVEY
SHEET 38 OF 132