

INDEX OF SHEETS

- 1. Title
 - 2. Typical
 - 3-6. Utility Sheets
 - 5-7. Earthwork Sheet & Summary
 - 6. Stone Fill Sheet
 - 9-10. Drainage Sheet
 - 11-16. R.C.C. Detail Sheets
 - 17-20. Curb
 - 21-29. Plan & Profile Sheets
 - 29-32. Pipe Arch Sta. 500 + 15
 - 33-35. Blank
- ROADWAY STANDARDS**
- 36. A-60 Slopes in Solid Rock Excavation 9,200/73
 - 37. B-5 Slope Grading, Embankments 12,000/73
 - 38. D-11 Underdrain Rock Subgrade, Slope Stabilization 10,000/73
 - 39. C-1 Treated Timber Curb 9,300/73
 - 40. C-2 Underdrain & Carrier Pipe Details 7,800/73
 - 41. B-3 Treated Cutters 9,250/73
 - 42. 3-4 Flushing Nozzle - End Sections Elbow 7,700/73
 - 43. 3-4 Asst. Conc. Drop Inlet w/Grate (Ditches) 6,200/73
 - 44. 3-11 Gates & Covers 6,250/73
 - 45. 3-16 Precast Curb Crap Inlet - Grates 11,100/73
 - 46. 3-2 Approach Signs Road Construction 8,100/73
 - 47. 3-4 Construction Signs on Project 6,100/73
 - 48. 5-7 Barricades 9,100/73
 - 49. 6-4 Markers - Guide Posts 8,200/73
 - 50. 6-4a 2-Color Guard Rail - Wood Posts - Anchors 8,170/73
 - 51. 4-1 Boundary Markers 17,800/73
 - 52. 7-1 Temporary Erosion Control Details 9,100/73
 - 53. 7-2 Temporary Erosion Control Details 7,800/73
 - 54. 3-4 Anchor for Spinning 8,900/73
 - 55. 6-1d Steel Beam Guard Rail 5,000/73
 - 56. Blank
 - 57-117. Mainline Sections
 - 116-120. Approach - 402 + 50 Bl.
 - 121-125. Banking Transitions

RECORD PLANS--MATERIALS

CONTRACTOR--S.G. PHILLIPS CORP., WILLISTON, VT.
 CONTRACT DATED--8 JUNE 1976
 CONSTRUCTION BEGAN--9 JUNE 1976
 CONSTRUCTION COMPLETED--12 NOVEMBER 1977
 CONSTRUCTION ACCEPTED--17 NOVEMBER 1976
 RESIDENT ENGINEER--T. KAMBOUR

SAND BORROW, GRANULAR BORROW, SUB-BASE OF GRAVEL & GRANULAR BACKFILL FOR STRUCTURES--COVEL PIT, LEMINGTON, VT.
 BITUMINOUS CONCRETE PAVEMENT--PIKE INDUSTRIES INC., COVENTRY, VT.
 CONCRETE--LAWRENCE SANGRAM CO., GUILDHALL, VT.
 PORTLAND CEMENT--MIRON, MONTREAL, P.Q.
 REINFORCING STEEL--MILTON STEEL CORP., MILTON, VT.
 RCP--S.T. GRISWOLD & CO., INC., WILLISTON, VT.
 CGMP, ACCGMP, MES FOR ACCGMP--NORTHEAST CULVERT CORP., WESTMINSTERY, VT.
 PROCD, GRATES--S.T. GRISWOLD & CO., INC., WILLISTON, VT.
 UNDERDRAIN & CARRIER PIPE, CGMP ARCH--NORTHEAST CULVERT CORP., WESTMINSTERY, VT.
 TREATED TIMBER CURB, BOUNDARY MARKERS, GUARD RAIL, ANCHORS FOR GUARD RAIL, WOOD MARKER POSTS, WOOD GUIDE POSTS, SEED, FERTILIZER, EROSION MATTING--GRISWOLD FENCE CO., INC., ESSEX JCT., VT.
 STONE--BACK POND PIT, STEWARTSTOWN, N.H.

RECORD PLANS--D-LUND

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND IN EITHER THE FIELD BOOKS OR THE ESTIMATE FILE.

**STATE OF VERMONT
 DEPARTMENT OF HIGHWAYS**

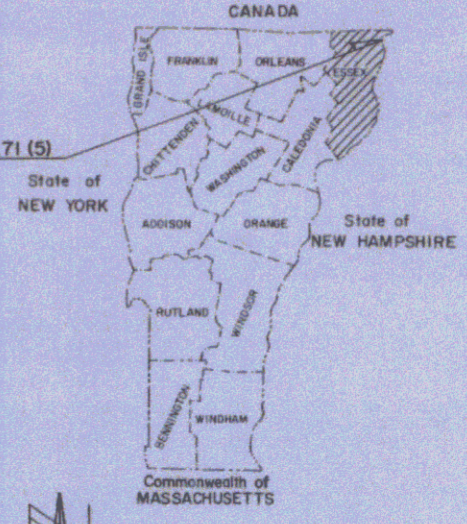
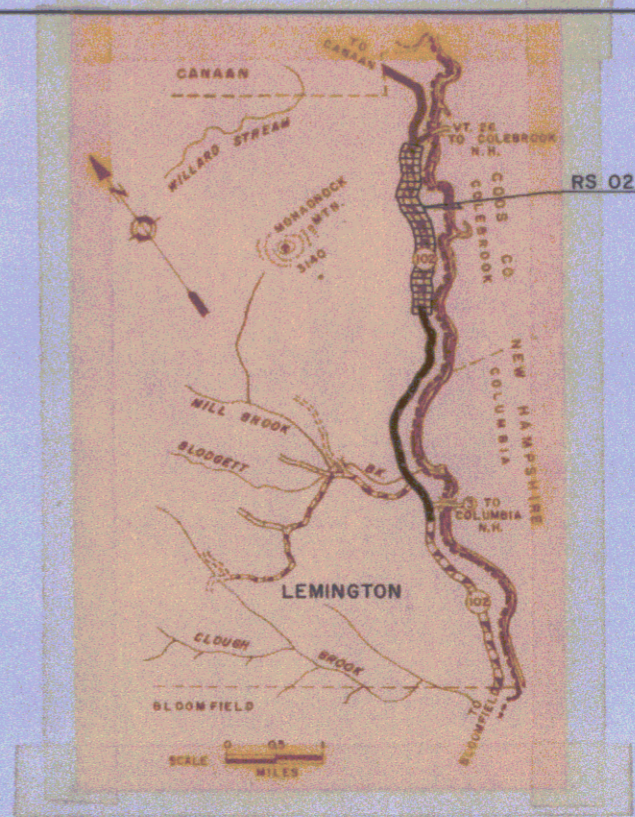


FEDERAL AID SECONDARY

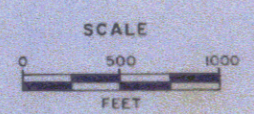
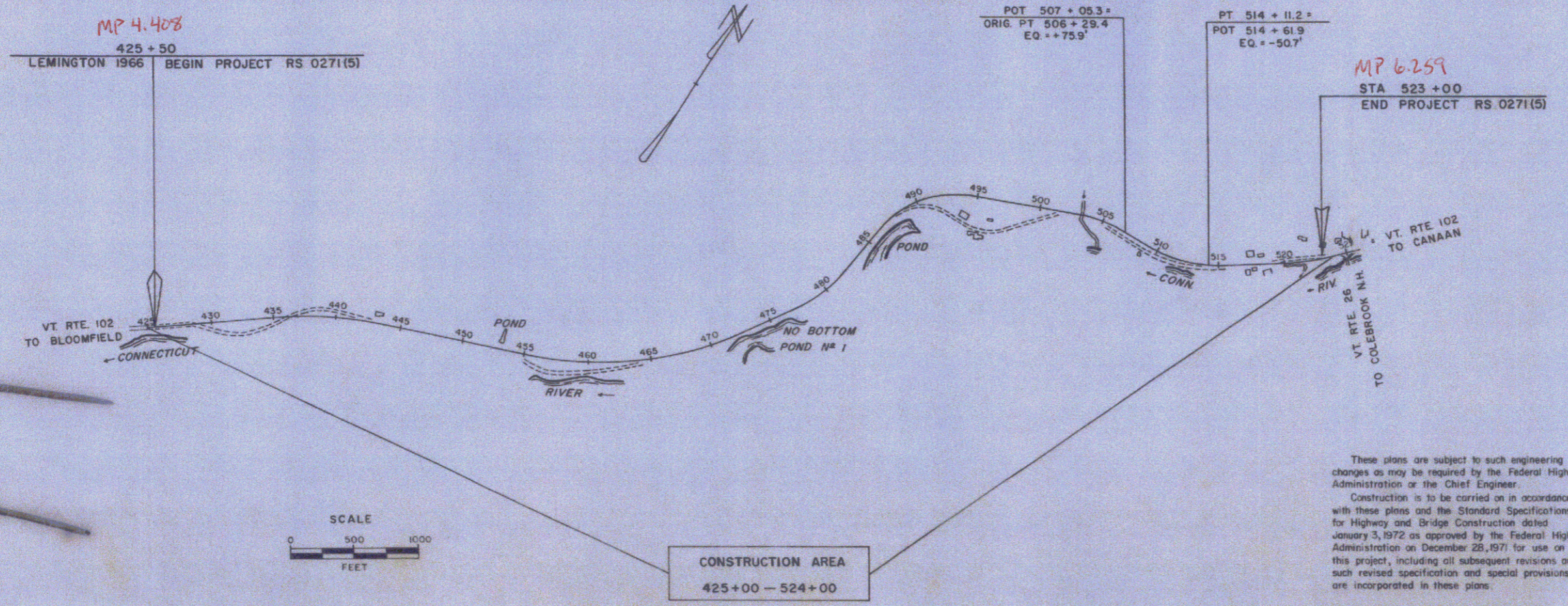
**PROPOSED IMPROVEMENT
 TOWN OF LEMINGTON
 COUNTY OF ESSEX
 VERMONT ROUTE # 102**

BEGINNING AT A POINT APPROXIMATELY 2.89 MILES SOUTHERLY OF THE LEMINGTON - CANAAN TOWN LINE AND EXTENDING NORTHEASTERLY 1.951 MILES
 LENGTH OF PROJECT = 9775.2 FEET = 1.851 MILES

1974 ADT = 130
 1994 ADT = 200
 1994 DHV = 45
 D = 5.5%
 T = 5%
 V = 40 M.P.H.



- CONVENTIONAL SIGNS**
- 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
 - 2-A CONST IDENTIFICATION SIGNS
 - PROPERTY LINE
 - ROW TAKING LINE
 - SLOPE RIGHTS
 - TOP OF CUT
 - TOE OF SLOPE



CONSTRUCTION AREA
 425+00 - 524+00

These plans are subject to such engineering changes as may be required by the Federal Highway Administration or the Chief Engineer.
 Construction is to be carried on in accordance with these plans and the Standard Specifications for Highway and Bridge Construction dated January 3, 1972 as approved by the Federal Highway Administration on December 28, 1971 for use on this project, including all subsequent revisions and such revised specification and special provisions as are incorporated in these plans.

FOR ROW DETAIL SEE ROW SHEETS
 BENCH MARKS BASED ON U.S.G.S. ELEVATION

SUBMITTED BY ORDER OF THE STATE HIGHWAY BOARD

APPROVED: *E. H. DeLong* DATE: 4-8-76
 CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE: _____
 DIVISION ENGINEER

PROJECT RS # 0271 (5)

SHEET 1 OF 123 SHEETS

Pin # 766062
 Date 1/22/1975

Needs more sheets

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS		
1A	HOLBROOK, MARY JANE	8	428+00 LT.	430+82 LT.	0.44 A ±										
			430+00 RT.												
			428+00 LT.	430+82 LT.		407.00 A ±									
			426+40 RT.	430+57 RT.		0.39 A ±		DRAINAGE RT. (P)							
1B		10,11	462+57 RT.	473+79 RT.	1.00 A ±										
			494+50 RT.												
			470+00 RT.	473+75 RT.		12.80 A ±		DRAINAGE RT. (P)							
			462+00 RT.					DRAINAGE RT. (P)							
1C		10	458+80 RT.	462+57 RT.	0.25 A ±										
1D		10,11	458+80 RT.	473+81 LT.	0.88 A ±							HWY. EASE. VT. RT. 102			
					TOTAL	2.57 A ±	420.19 A ±								
2A	HOLBROOK, MYRA ANNE	8,9,10, 11&12	430+65 RT.	438+26 LT.	1.80 A ±										
			430+82 LT.	488+91 LT.		260.00 A ±									
			431+50 RT.											DRIVE (10' WIDE) GRAVEL M.P. 4.529 DRIVE RELEASE DATE: DRIVE PERMIT DATE:	
2B		8,9,10	434+61 RT.	454+69 RT.	2.20 A ±										
			435+50 RT.												
			436+50 RT.												
			438+90 RT.												
			441+15 RT.												
			445+50 RT.												
			449+50 RT.												
			430+57 RT.	455+50 RT.		28.00 A ±									DRIVE (10' WIDE) GRAVEL M.P. 4.765 DRIVE RELEASE DATE: DRIVE PERMIT DATE:
444+00 RT.															

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	3,5,6,13,14	Added Drive Information To Plans Per C.O.# 2884	2-27-75	KDP	T.P.M.
2	6,12,13,14	Corrected Errors Or Omissions As Determined during Writing Of The Petition Per C.O.# 2880	2-27-75	KDP	T.P.M.
3	3,3A,4,8-12	PARCEL 2 HOLBROOK ADDED DRIVES AT STATIONS: 431+50 RT., 450+00 LT., 455+00 RT., 461+00 LT., 479+20 LT. ALSO ADDED SHEET 3A TO PLANS. PER CHANGE ORDER # 2951	27 July 75	KDP	T.P.M.

VT 1020

MADE BY: J.D. PATERSON DATE JAN. 16, 1975
CHECKED BY: K.D. PERKINS DATE JAN. 16, 1975

DR. RT. - DRAINAGE RIGHT
DT. RT. - DITCHING RIGHT
CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
⊙ - DEMOLITION OR REMOVAL
W - WATER SOURCES

PRESENT R.O.W.
--- TAKING WITHOUT ACCESS
--- TAKING WITHOUT ACCESS ALONG PROPERTY LINES
--- TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
SR - SR - SLOPE RIGHTS
P - P - PROPERTY LINE
-Δ- -Δ- -Δ- TOP OF CUT
-O- -O- -O- TOE OF SLOPE

APPROVED *Thomas P. Mayo* DATE 1-22-75
CHIEF OF PLANS & TITLES

PROJECT LEMINGTON
NO. RS 027(15)
SHEET 3 OF 15

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	
2 C	HOLBROOK, MYRA ANNE	9, 10, 11, 12	440+27 LT.	486+91 LT.	6.70 Ac		EASE. TO REMOVE (T) 0.07 Ac ALL R.T.&L						BARN 3120 S.F.±	
			442+40 LT.	443+15 LT.									BARN	
			442+75 LT.										DRIVE (10' WIDE) GRAVEL M.P. 4.750	
			443+04 LT.										DRIVE RELEASE DATE:	
													DRIVE PERMIT DATE:	
		450+00 LT.		DRIVE (10' WIDE) GRAVEL M.P. 4.870										
		461+00 LT.		DRIVE RELEASE DATE:										
				DRIVE PERMIT DATE:										
		471+50 LT.	473+00 LT.	CONST. EASE. (T) 0.10 Ac									DRIVE (12' WIDE) GRAVEL M.P. 5.080	
		474+50 LT.	476+00 LT.										DRIVE RELEASE DATE:	
		478+20 LT.											DRIVE PERMIT DATE:	
2 D		11, 12	473+75 RT.	485+95 RT.	1.40 Ac		DRAINAGE RT. (P)							DRIVE (12' WIDE) GRAVEL M.P. 5.432
			477+00 RT.											DRIVE RELEASE DATE:
			481+50 RT.											DRIVE PERMIT DATE:
			473+75 RT.	485+55 RT.										24.00 Ac
2 E		10	454+69 RT.	458+80 RT.	0.35 Ac								DRIVE (12' WIDE) GRAVEL M.P. 4.970	
			455+00 RT.										DRIVE RELEASE DATE:	
													DRIVE PERMIT DATE:	
2 F		8, 9, 10, 11, 12	430+57 RT.	486+43 LT.	5.60 Ac		ALL R.T.&L							Hwy. EASE. VT. RTE. 102
					TOTAL	18.05 Ac	312.00 Ac							

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

MADE BY: K.D. PERKINS DATE 7-28-75
CHECKED BY: W.E. BELLON DATE 7-28-75

DR. RT. - DRAINAGE RIGHT
DI. RT. - DITCHING RIGHT
CH. RT. - CHANNEL RIGHT
DRIVE RT. - DRIVE RIGHT
CUL. RT. - CULVERT RIGHT
⊙ - DEMOLITION OR REMOVAL
⊠ - WATER SOURCES

————— PRESENT R.O.W.
/// ——— TAKING WITHOUT ACCESS
——— P ——— TAKING WITHOUT ACCESS ALONG PROPERTY LINES
——— TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND

—SR—SR— SLOPE RIGHTS
—P—P— PROPERTY LINE
—Δ—Δ—Δ— TOP OF CUT
—○—○—○— TOE OF SLOPE

APPROVED _____ CHIEF OF PLANS & TITLES DATE _____

PROJECT LEMINGTON
NO. RSO271 (5)
SHEET 3A OF 15

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
RIGHT-OF-WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
3A	CORLISS, AGNES BERTHA	12,13	486+43 LT. 491+35 RT. 491+35 RT. ± 491+35 RT. ± 493+40 RT. 494+15 LT. ± 494+50 RT. 499+00 RT. 486+91 LT.	508+62 LT. APPR. 12+65 LT. ± 494+85 RT. ± 500+17 RT. 508+62 LT.	5.70 A ± 120.00 A ±		DRAINAGE RT. (P) ALL R.T. & I. ALL R.T. & I. DRAINAGE RT. (P) ALL R.T. & I. CONST. EASE. (T) 0.35 A DRAINAGE RT. (P)						SPRING WATER LINE WATER LINE
3B		12	485+55 RT. 485+55 RT.	490+74 RT. 506+80 RT.	0.26 A ± 40.00 A ±								
3C		12	491+77 RT.	APPR. 12+25 LT.	0.12 A ±								
3D		13	501+20 RT. 501+43 RT. 502+00 RT. 504+50 RT.	506+80 RT. 501+62 RT.	0.60 A ±		SLOPE RTS. (T) DRAINAGE RT. (P) DRAINAGE RT. (P)						100 SQ. FT.
3E		12	485+95 RT.	491+77 RT.	0.55 A ±		ALL R.T. & I.						HWY. EASE. VT. RT. 102
3F		12	490+74 RT. APPR. 10+85 RT. APPR. 11+40 RT. APPR. 12+18 LT. APPR. 11+70 RT.	APPR. 13+50 RT. APPR. 11+00 RT. APPR. 13+30 RT. APPR. 12+55 LT.	0.42 A ±		ALL R.T. & I. SLOPE RTS. (T) SLOPE RTS. (T) 0.10 A SLOPE RTS. (T) CULVERT & DRAINAGE RT. (P)						HWY. EASE. VT. RT. 102 100 SQ. FT. 150 SQ. FT.
3G		13	500+17 RT.	508+20 RT.	0.90 A ±		ALL R.T. & I.						HWY. EASE. VT. RT. 102

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

MADE BY: J.D. PATERSON DATE: JAN. 16, 1975
 CHECKED BY: K.D. PERKINS DATE: JAN. 16, 1975

DR. RT. - DRAINAGE RIGHT
 DIT. RT. - DITCHING RIGHT
 CH. RT. - CHANNEL RIGHT
 DRIVE RT. - DRIVE RIGHT
 CUL. RT. - CULVERT RIGHT
 (D) - DEMOLITION OR REMOVAL
 (W) - WATER SOURCES

PRESENT R.O.W.
 - - - - - TAKING WITHOUT ACCESS
 - - - - - TAKING WITHOUT ACCESS ALONG PROPERTY LINES
 - - - - - TAKING WITH ACCESS
 (P) - PERMANENT EASEMENT
 (T) - TEMPORARY EASEMENT

LEGEND
 SR - SR - SLOPE RIGHTS
 P - P - PROPERTY LINE
 Δ - Δ - TOP OF CUT
 ○ - ○ - TOE OF SLOPE

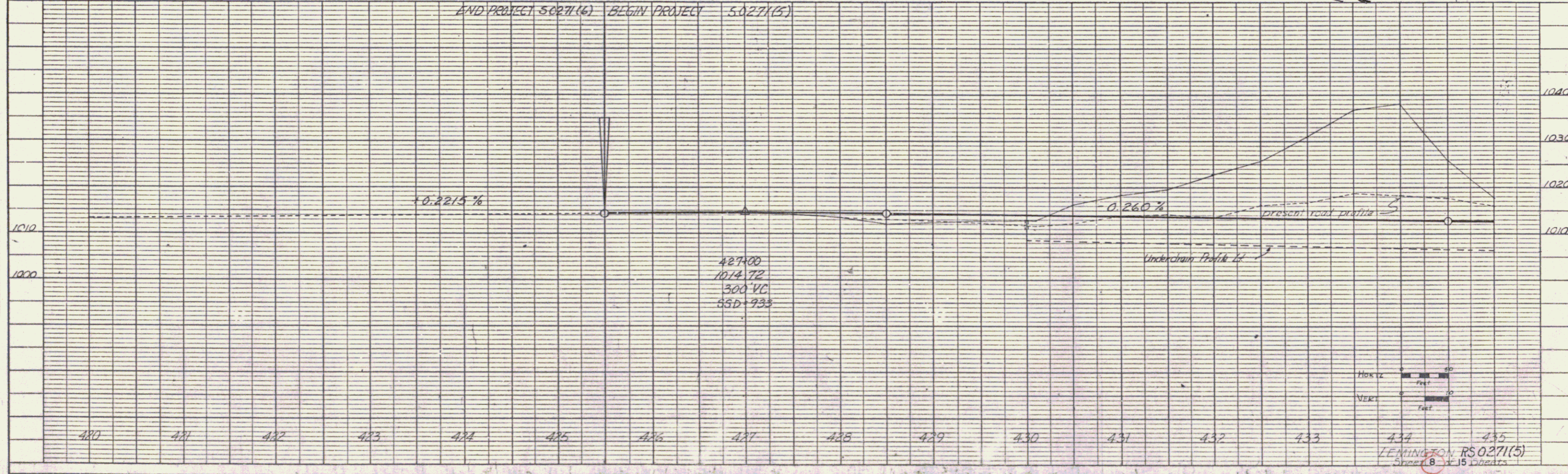
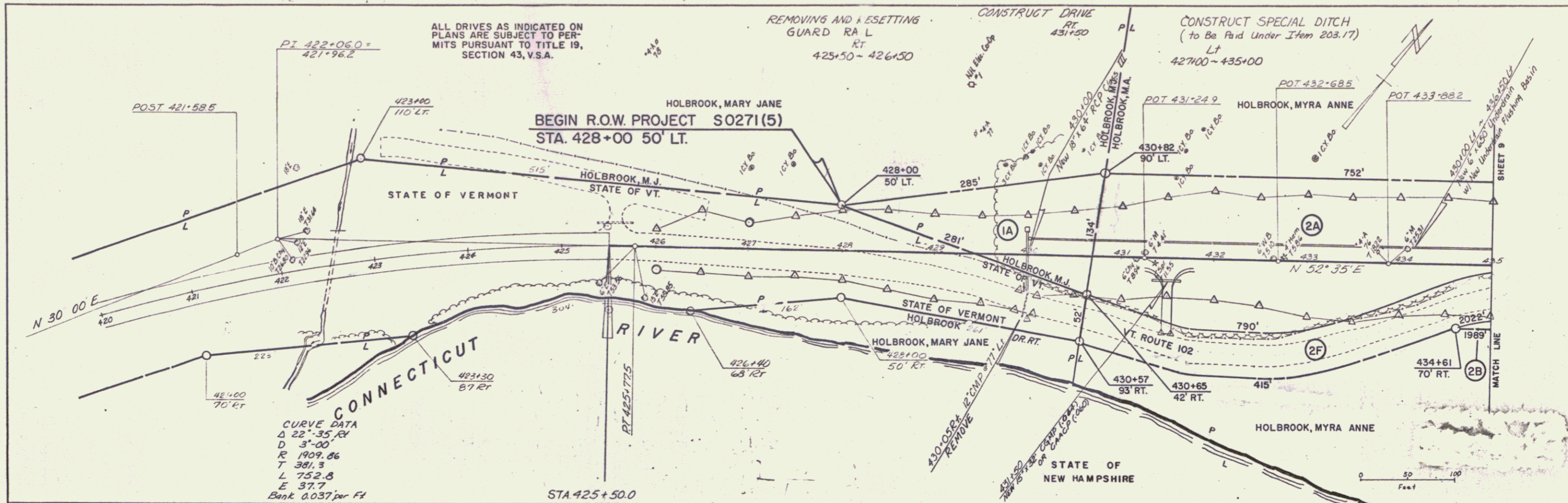
APPROVED: *Thomas P. Mayo* DATE: 1-22-75
 CHIEF OF PLANS & TITLES

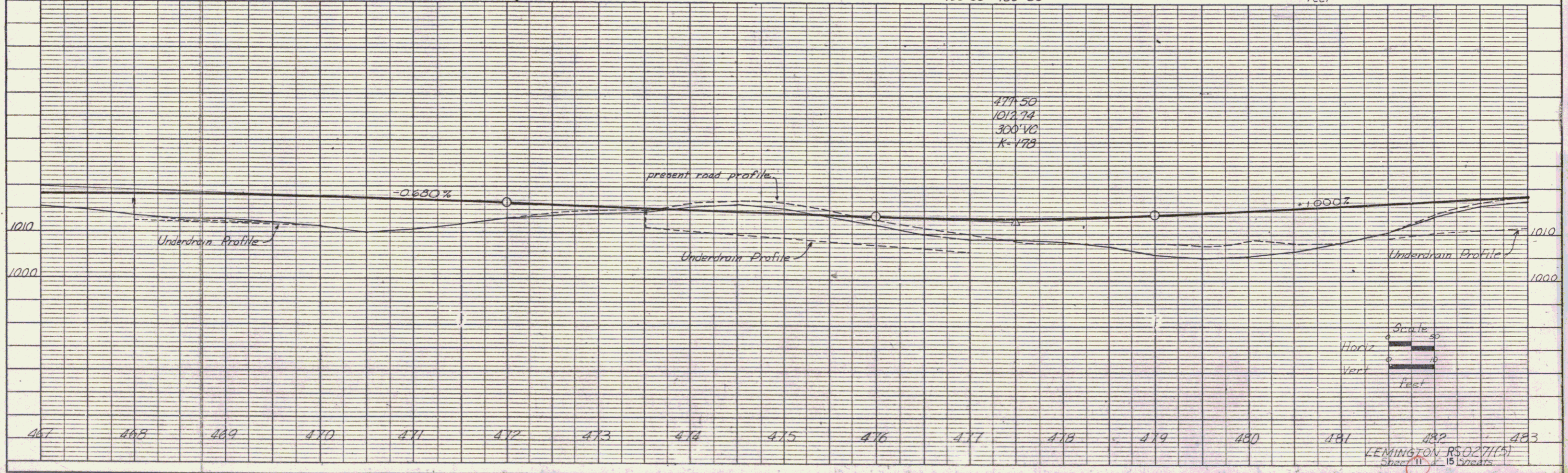
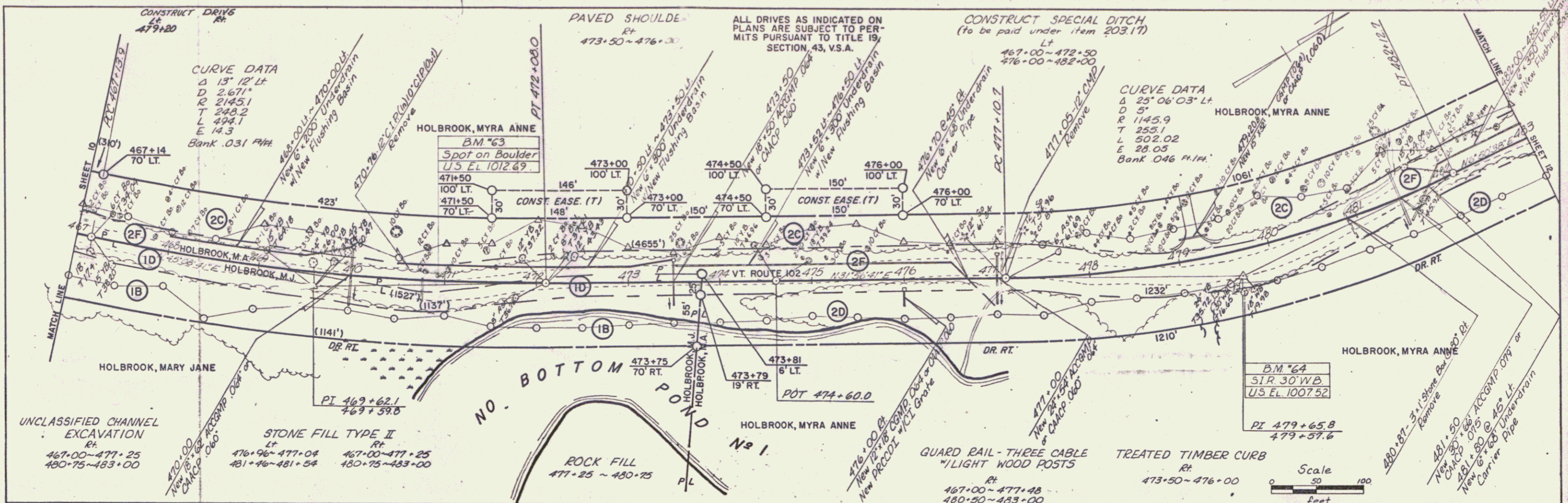
PROJECT LEMINGTON
 NO. RS 0271(5)
 SHEET 4 OF 15

HOW
 4

PLAN
 DRAWN BY: M. J. M...
 CHECKED BY: M. J. M...
 DATE: 1/25/84
 SHEET NO.: 8 OF 15

PROFILE
 DRAWN BY: M. J. M...
 CHECKED BY: M. J. M...
 DATE: 1/25/84
 SHEET NO.: 8 OF 15





PLAN

DESIGNED BY	Checked
DRAWN BY	Checked
DATE	Checked
SCALE	Checked
NO.	Checked

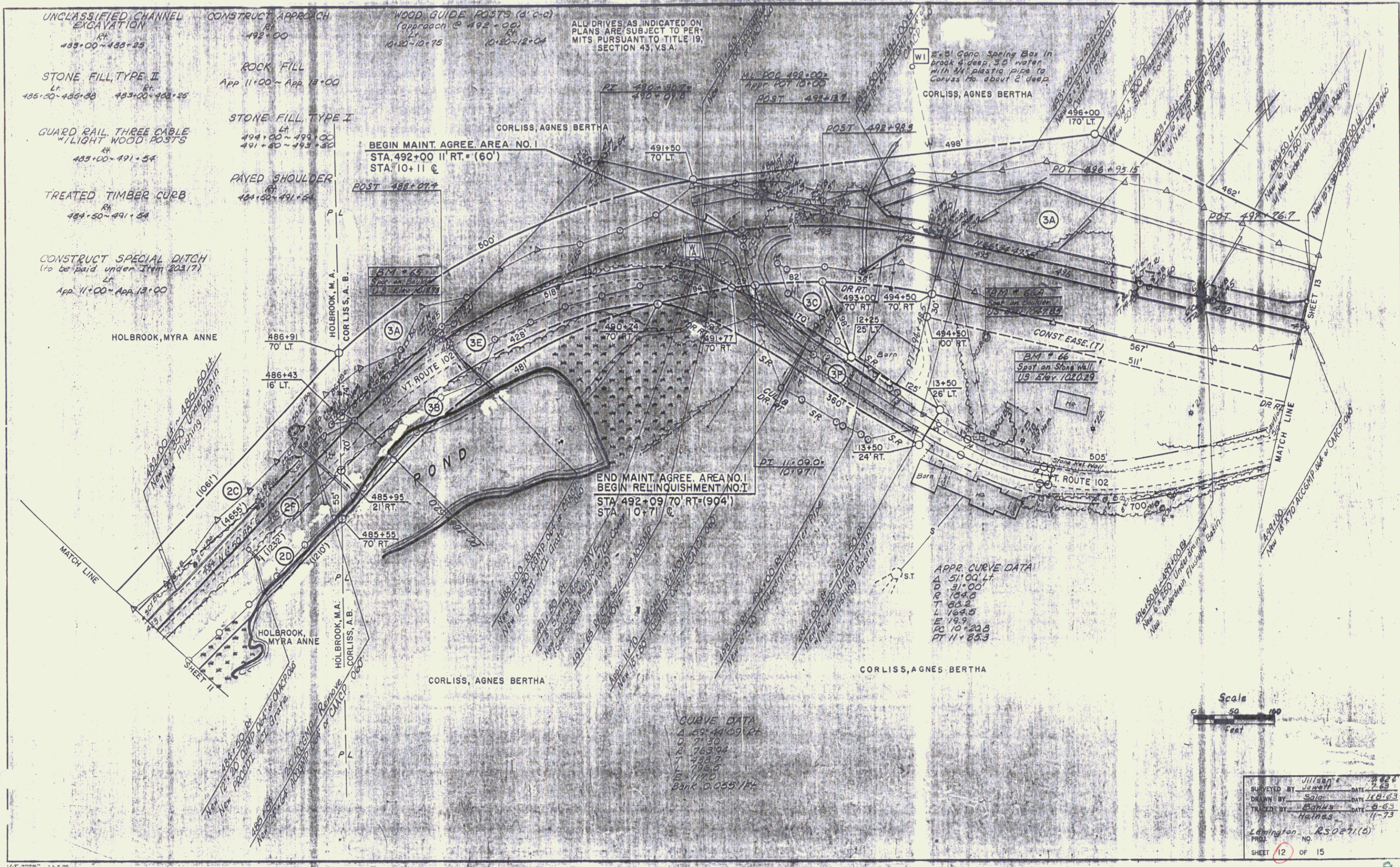
DATE

DATE	Checked
SCALE	Checked
NO.	Checked

PROFILE

DESIGNED BY	Checked
DRAWN BY	Checked
DATE	Checked
SCALE	Checked
NO.	Checked

PLATE 1 - PLAN - PROFILE G.P.R. & L. STANDARD



UNCLASSIFIED CHANNEL EXCAVATION
 Lt. 483+00-485+25
 Rt. 483+00-485+25

CONSTRUCT APPROACH
 Rt. 492+00

WOOD GUIDE POSTS (6" C-C)
 Approach @ 492+00
 Lt. 10+21-10+75
 Rt. 10+20-12+04

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19, SECTION 43, V.S.A.

STONE FILL TYPE II
 Lt. 485+00-485+25
 Rt. 483+00-485+25

ROCK FILL
 App 11+00- App 13+00

GUARD RAIL THREE CABLE w/ LIGHT WOOD POSTS
 Lt. 483+00-491+54
 Rt. 483+00-491+54

STONE FILL TYPE I
 Lt. 494+00-499+00
 Rt. 491+80-493+50

TREATED TIMBER CURB
 Lt. 484+50-491+54
 Rt. 484+50-491+54

PAVED SHOULDER
 Lt. 484+50-491+54
 Rt. 484+50-491+54

CONSTRUCT SPECIAL DITCH (to be paid under Item 203(7))
 Lt. App. 11+00- App. 13+00

BEGIN MAINT. AGREE. AREA NO. 1
 STA. 492+00 II RT. (60')
 STA. 10+11 @

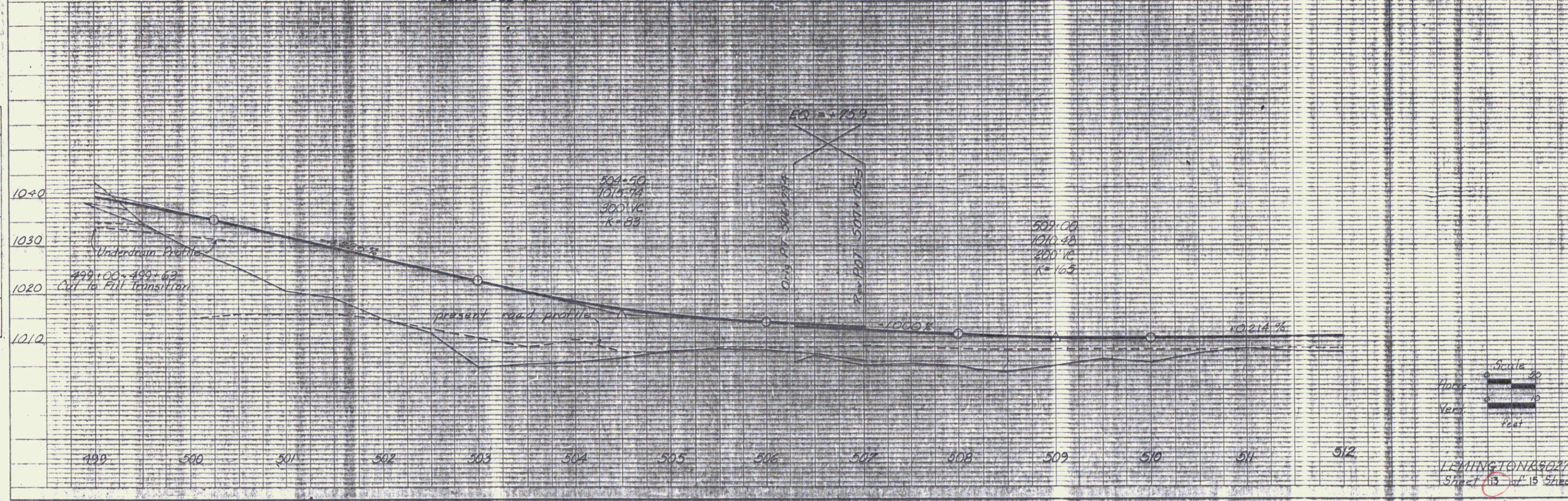
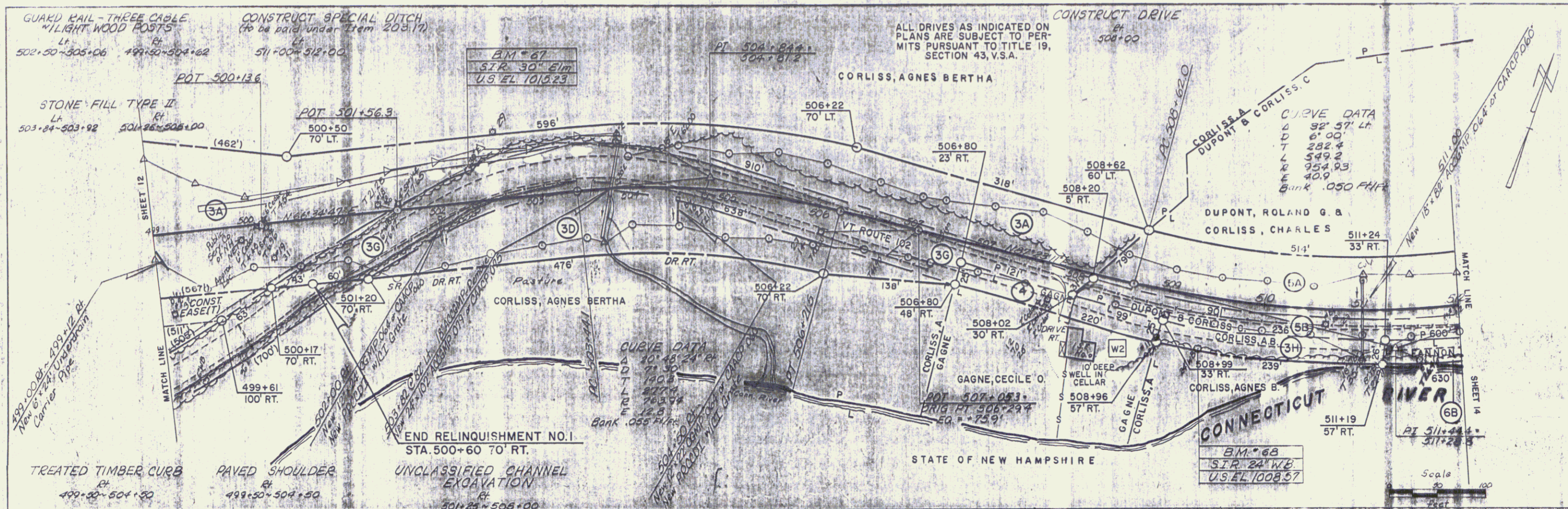
END MAINT. AGREE. AREA NO. 1
 BEGIN RELINQUISHMENT NO. 1
 STA. 492+09.70 RT. (904)
 STA. 10+71 @

APPR. CURVE DATA
 Δ 51'00" LT.
 D 31'00"
 R 104.8
 T 62.2
 L 164.5
 E 19.9
 PC 10+20.8
 PT 11+26.3

CURVE DATA
 Δ 60'44"09" RT.
 D 71'30"
 R 763'94"
 T 423'7"
 L 1170'
 E 1170'
 BANK 0.055/14'



SURVEYED BY	J. J. J.	DATE	4-66
DRAWN BY	S. J.	DATE	1-6-63
TRACED BY	E. H.	DATE	8-63
	H. M.	DATE	11-73
PROJECT	Lamington R50271(5)		
SHEET	12	OF	15



PLAN

DATE: 10/15/15

PROJECT: VT. ROUTE 102

NOTE: SEE SHEET 12 FOR PLAN

NO. 1015

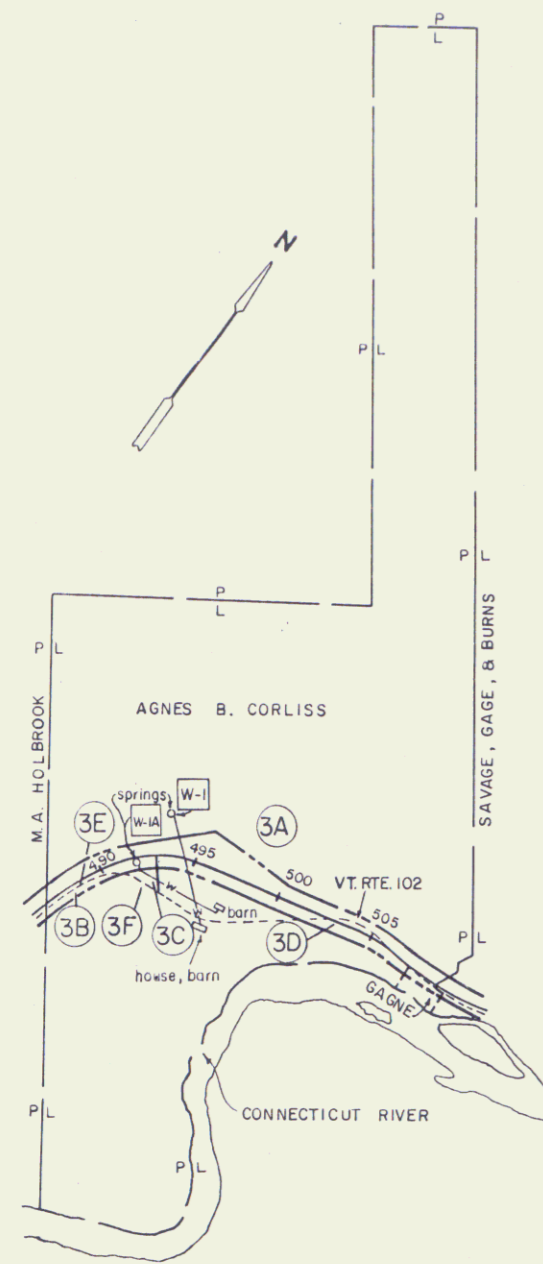
PROFILE

DATE: 10/15/15

PROJECT: VT. ROUTE 102

NOTE: SEE SHEET 12 FOR PLAN

NO. 1015

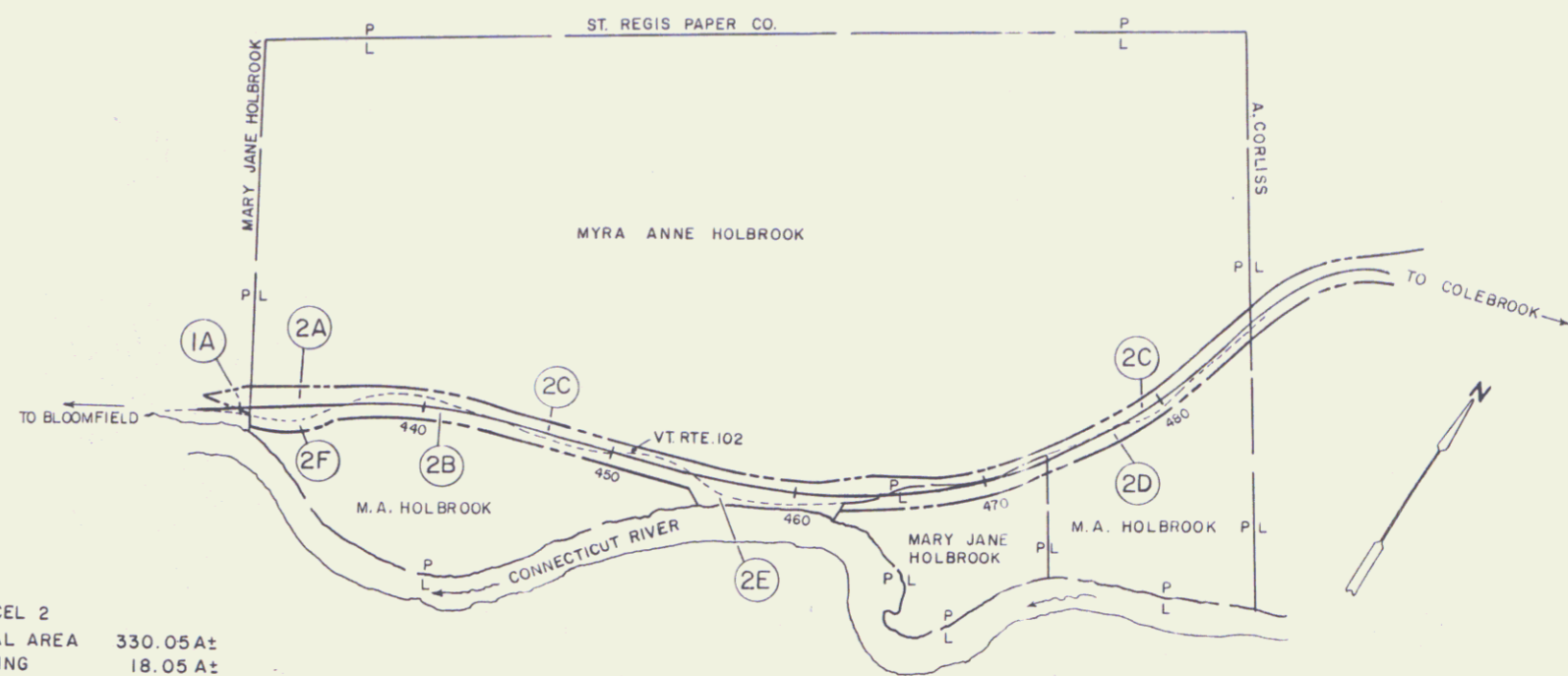


PARCEL 3
 TOTAL AREA 169.0 A±
 TAKING 8.69 A±
 REMAINDER 160.31 A±
 APPROX. SCALE 1" = 500'

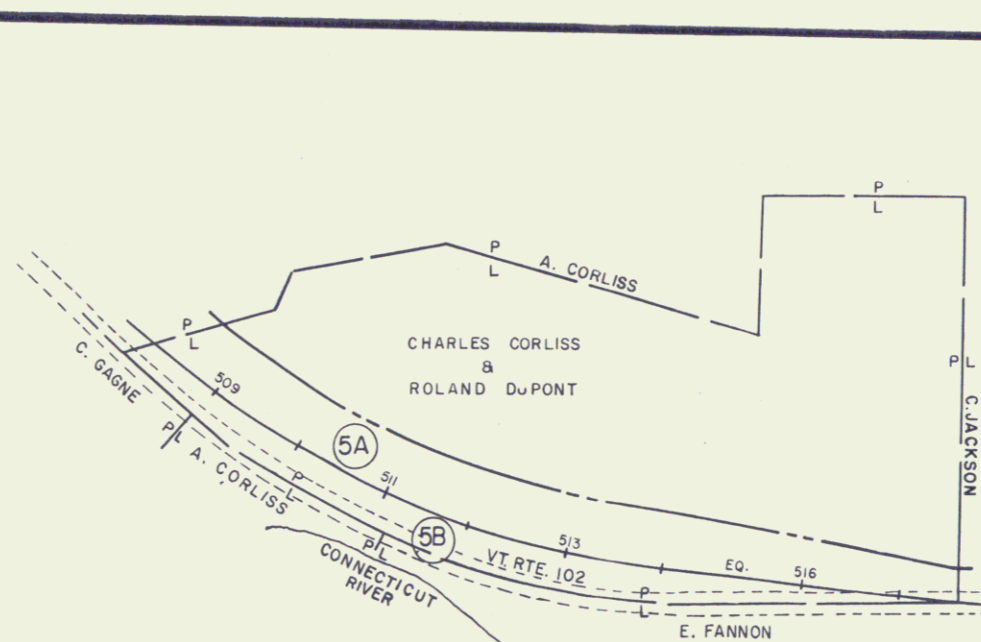


PARCEL 10
 TOTAL AREA 57.7 A±
 TAKING 0.01 A±
 REMAINDER 57.7 A±
 APPROX. SCALE 1" = 200'

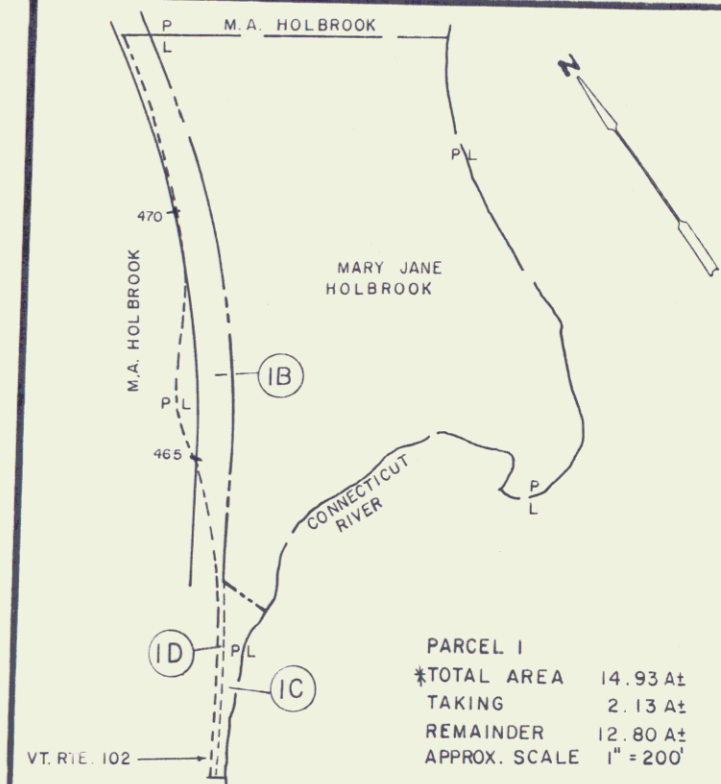
*ALL R.T. & HWY. EASE. ONLY



PARCEL 2
 TOTAL AREA 330.05 A±
 TAKING 18.05 A±
 REMAINDER 312.00 A±
 APPROX. SCALE 1" = 500'



PARCEL 5
 TOTAL AREA 5.83 A±
 TAKING 1.63 A±
 REMAINDER 4.20 A±
 APPROX. SCALE 1" = 100'



PARCEL 1
 TOTAL AREA 14.93 A±
 TAKING 2.13 A±
 REMAINDER 12.80 A±
 APPROX. SCALE 1" = 200'

*DOES NOT INCLUDE REMAINDER FOR PARCEL 1A AS SHOWN ON SHEET 12A

TOWN OF LEMINGTON

PROJECT LEMINGTON S0271(5)

SHEET 15 OF 15