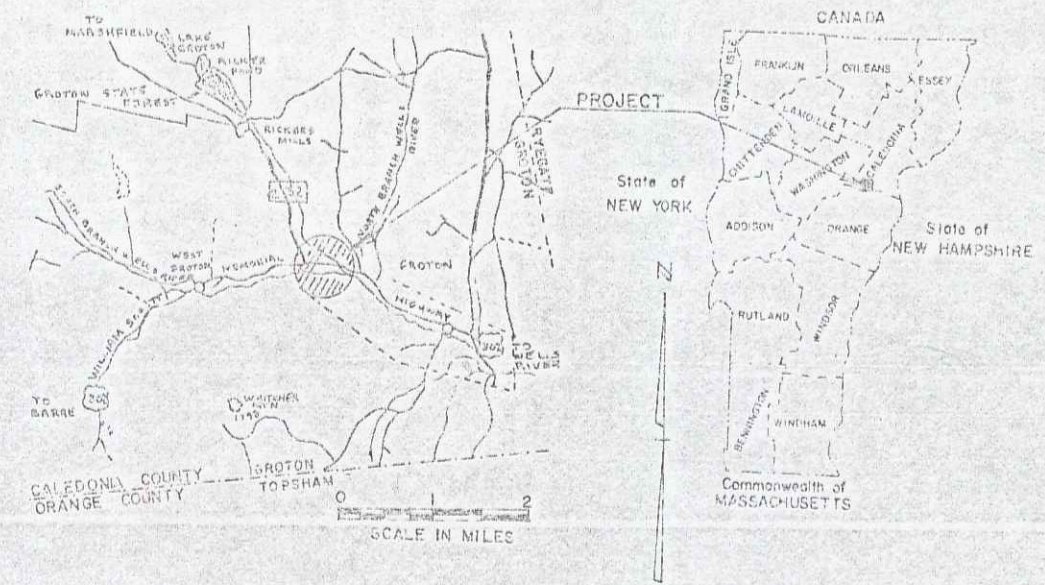


INDEX OF SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF GROTON
COUNTY OF CALEDONIA
U.S. RTE 302, FAP
BARRE - WELLS RIVER ROAD



R.O.W. PLANS

BEGIN R.O.W. PROJECT
F 026-1(27)S STA. 87+25 25' LT.

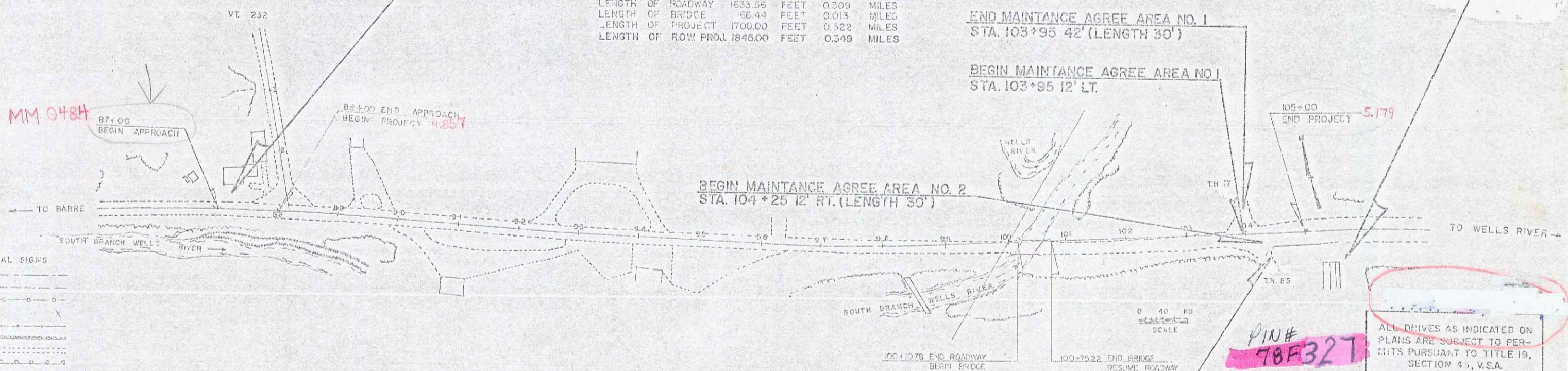
BEGINNING AT A POINT APPROXIMATELY 4.857 MILES
EASTERLY OF THE TOPSHAM-GROTON TOWN LINE AND
EXTENDING 0.322 MILES EASTERLY.

WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS
OF REPLACEMENT OF EXISTING BRIDGE AND
RECONSTRUCTION OF ROADWAY.

LENGTH OF ROADWAY 1633.56 FEET 0.309 MILES
LENGTH OF BRIDGE 66.44 FEET 0.013 MILES
LENGTH OF PROJECT 1700.00 FEET 0.322 MILES
LENGTH OF ROW PROJ. 1845.00 FEET 0.349 MILES

END R.O.W. PROJECT
F 026-1(27)S STA. 105+70 40 RT.

MM0517



CONVENTIONAL SIGNS

COUNTY LINE	---
TOWN LINE	---
LIMITS OF ACCESS	---
POINT OF ACCESS	X
FENCE LINE	---
STONE WALL	---
TRAVELED WAY	---
GUARD RAIL	---
RAILROAD	---
SURVEY LINE	---
CULVERT	---
POWER POLE	○
TELEPHONE POLE	○
TREES	○
CONTROL OF ACCESS	---
PROPERTY LINE	---
ROW TAKING LINE	---
SLOPE RIGHTS	○
TOP OF CUT	△
TOE OF SLOPE	○

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of **GROTON**
(To Be Returned To P.W. Division)

END MAINTANCE AGREE AREA NO. 2
STA. 104+35 42' RT.

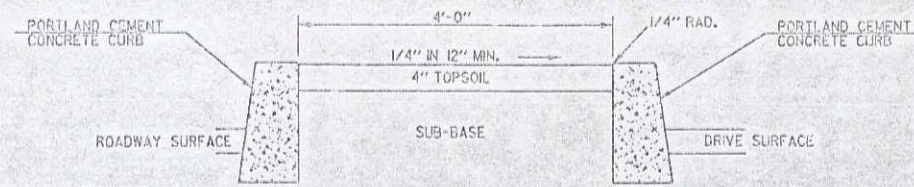
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING'S
CHANGES AS MAY BE REQUIRED BY THE FEDERAL
HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS,
FOR CONSTRUCTION DATED 1984, FOR USE ON THESE
PROJECTS INCLUDING ALL SUGGESTED PROVISIONS AS
ARE INCORPORATED IN THESE PLANS.

ALL DRIVES AS INDICATED ON
PLANS ARE SUBJECT TO PER-
MITS PURSUANT TO TITLE 19,
SECTION 41, V.S.A.

APPROVED *David D. Kelley* DATE 4/14/88
Dir., Dept. of Engineering and Construction
APPROVED *G. H. B...* DATE 4/14/88
Twp. Chief, Property Administration
GROTON
BRP F 026-1(27)S
SHEET 1 OF 16

* PLOT SET INCLUDES
CONSTRUCTION PLANS

TYPICAL SECTIONS



ISLAND TYPICAL

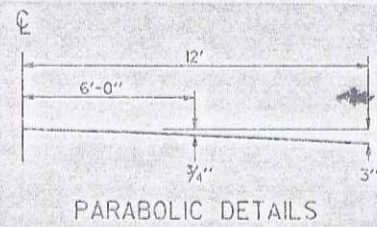
- 2 1/2" BITUMINOUS CONCRETE PAVEMENT, ITEM 406.25 (1/4" TYPE III OVER 1/4" TYPE III)
- 3" BASE COURSE OF BITUMINOUS CONCRETE PAVEMENT, ITEM 406.25 (TYPE I)
- 24" SUBBASE OF DENSE GRADED CRUSHED STONE, ITEM 301.35
- 1/4" SHOULDERS: BITUMINOUS CONCRETE PAVEMENT, ITEM 406.25

- 0-24" SAND BORROW, ITEM 203.31
 - 0-12" GRANULAR BORROW, ITEM 203.32
- TO BE PLACED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER

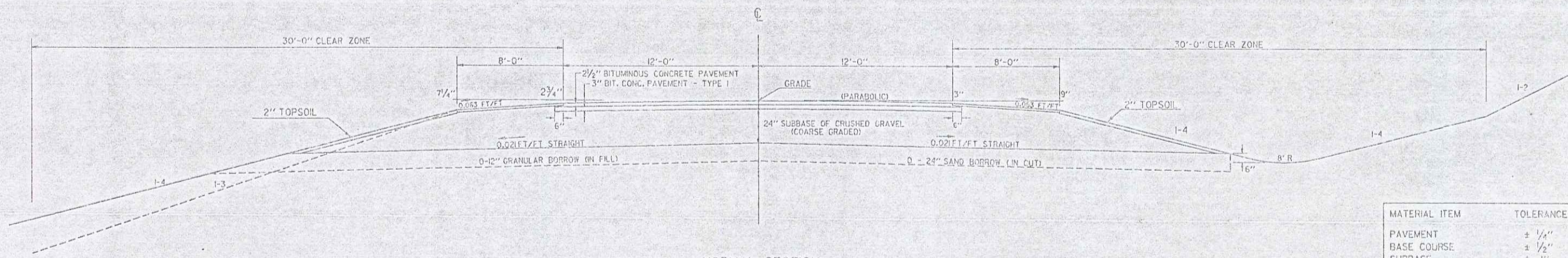
SEEDING FORMULA, ITEM 651J5 RURAL AREAS

% WT.	LBS./A.	NAME	PLR %	GERM %
3.33	2	CROWN VETCH	97	75
50.00	30	CREEPING RED FESCUE	99	85
8.33	5	TIMOTHY	99	85
16.67	10	PERENNIAL RYE GRASS (VAR. PENNINE)	95	85
8.34	5	ALFALFA (VAR. SARAJAC)	99	85
8.33	5	BUDSPOOT TREFOR (VAREMPREY)	98	85
5.00	3	HIGHLAND BENT GRASS	92	85
100.00	60			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.
 SEED- TO BE APPLIED PER SEEDING FORMULAS DIRECTED BY THE ENGINEER.
 FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE.
 AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.
 HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE.
 TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
 MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.
 SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.
 PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.

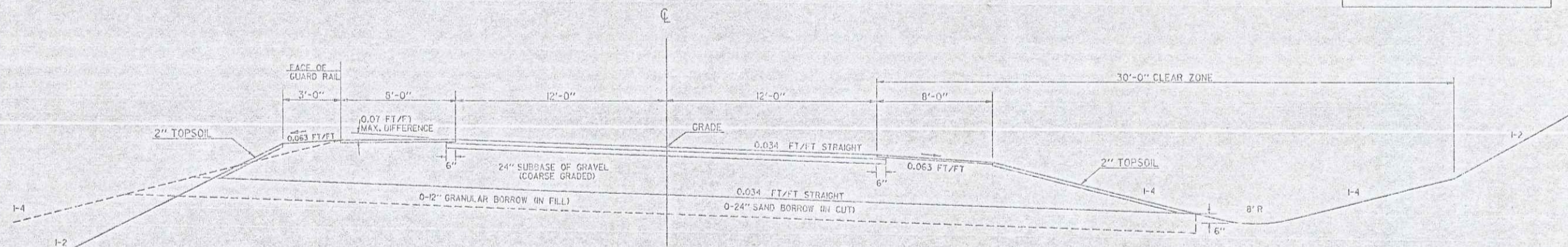


PARABOLIC DETAILS



NORMAL SECTION

MATERIAL ITEM	TOLERANCE
PAVEMENT	± 1/4"
BASE COURSE	± 1/2"
SUBBASE	± 1"
GRANULAR BORROW	± 1"
SAND BORROW	± 1"

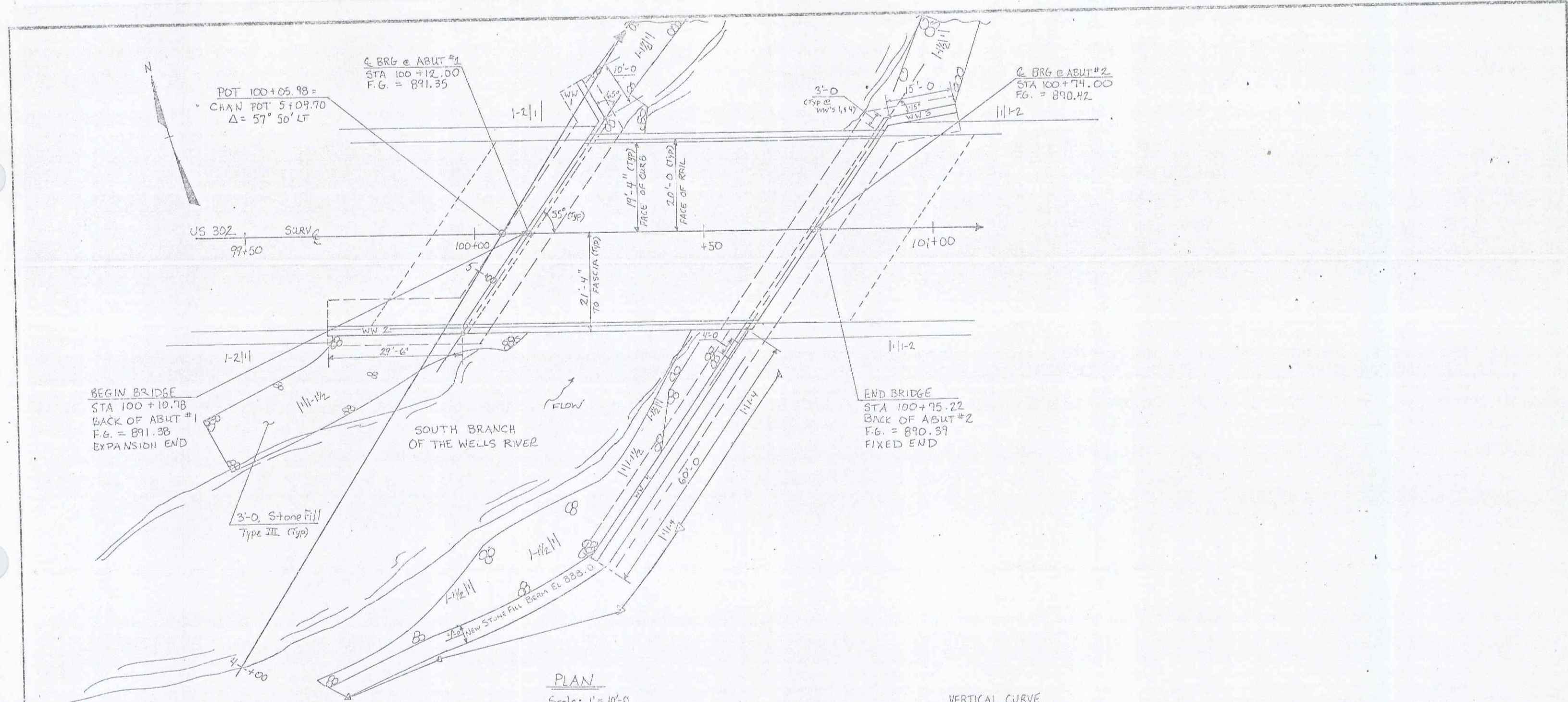


MAXIMUM BANKED SECTION 0.034 FT/FT

DATUM
 VERTICAL _____
 HORIZONTAL _____

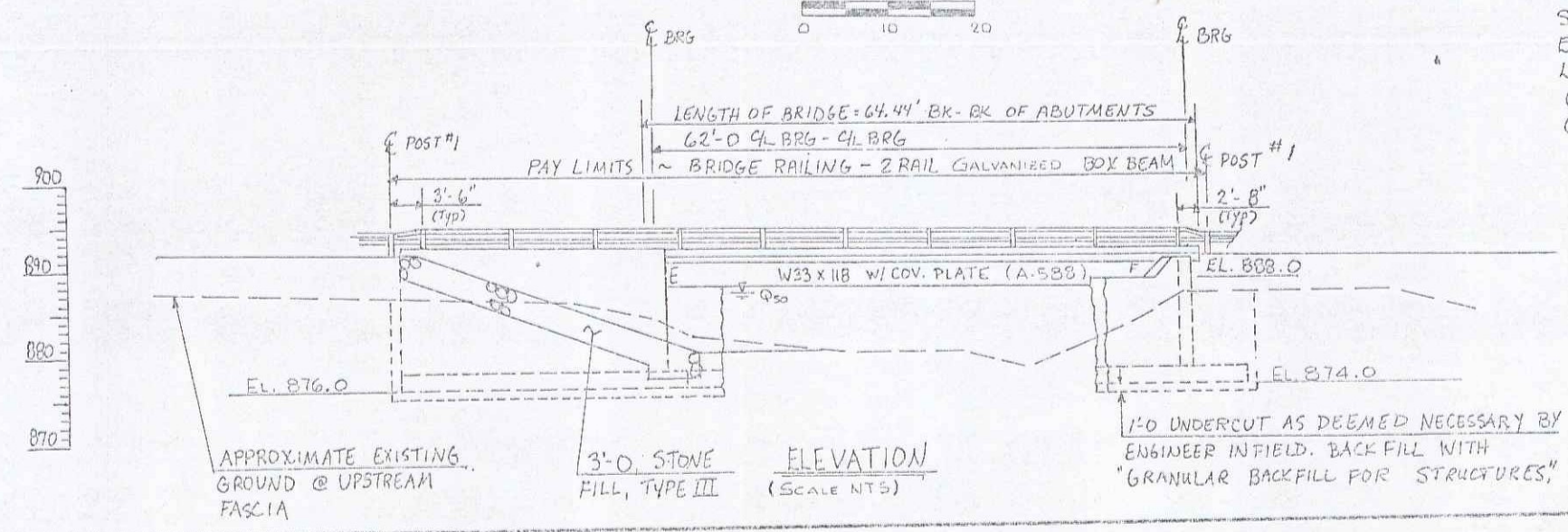
FEB 05 1992

78F327TYP
 SURVEYED BY _____ DATE _____
 DRAWN BY BEYOR DATE 3-87
 SQUAD LEADER HALE
 DESIGN FILE NO. 78F327 DATE 9-23-87
 GROTON
 F 026-1 (27)S
 R.O.W SHEET 2 OF 16



PLAN
Scale: 1" = 10'-0"

VERTICAL CURVE
 STA 100+50
 ELEV 892.00'
 LVC 350.0'
 G₁ -0.2222%
 G₂ -2.9333%



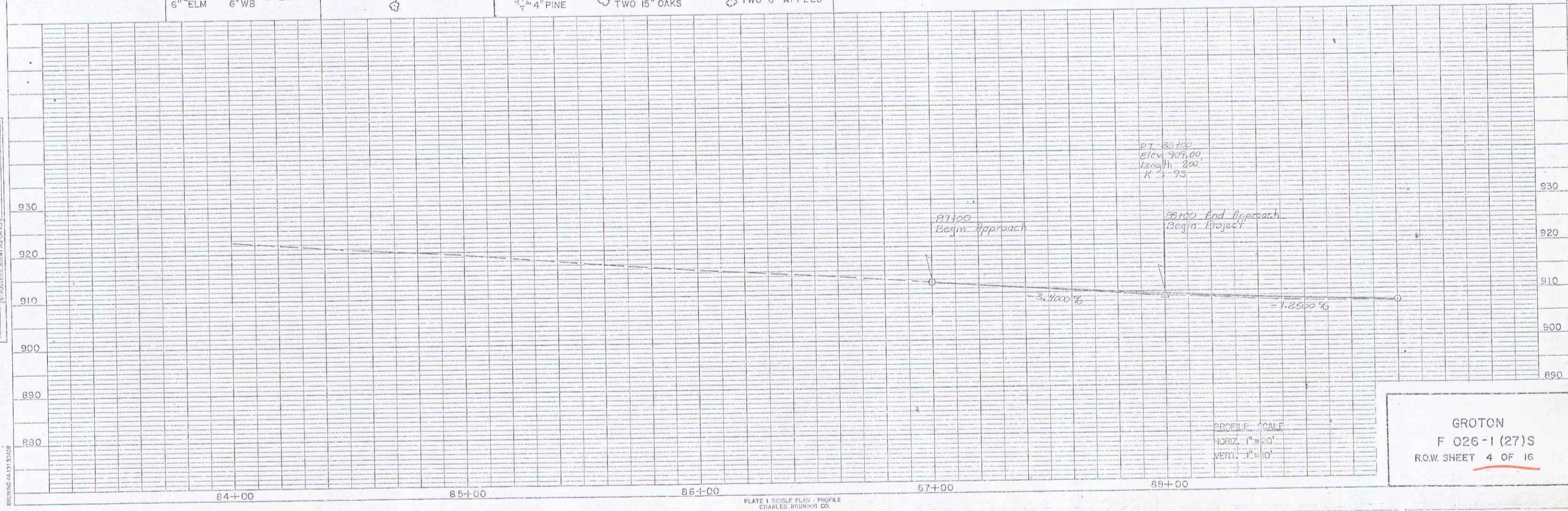
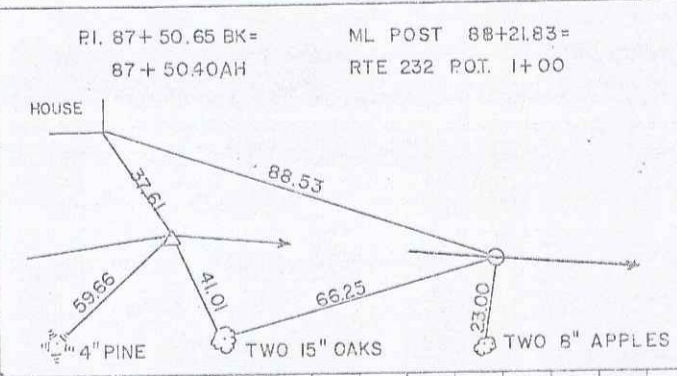
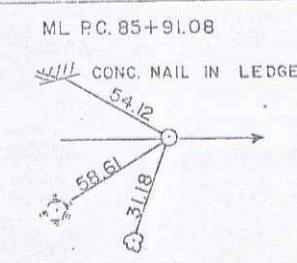
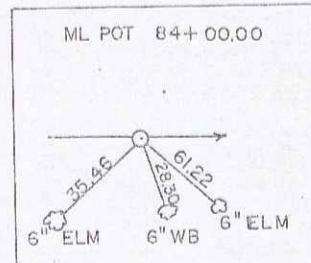
ELEVATION
(SCALE N.T.S.)

FEB 05 1992

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of GROTON	Bridge No. 32
Highway No. US 302	Log Sta. 267+02
US 302 OVER THE SOUTH WELLS RIVER	
PLAN & ELEVATION	
Designed By S. E. TAUBSVOERTH	Drawn By C. MEUNIER
Checked By M. EVANS-MONTELEONE	Date 5/197
GROTON	
F 026-1 (27)S	
R.O.W. SHEET 3 OF 16	

DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	
SCALE	
PROJECT	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
IN CHARGE	
SCALE	
PROJECT	
NO.	



BT 88+00
Elev. 707.00
Length 800'
K=73

PROFILE SCALE
HORIZ. 1"=20'
VERT. 1"=10'

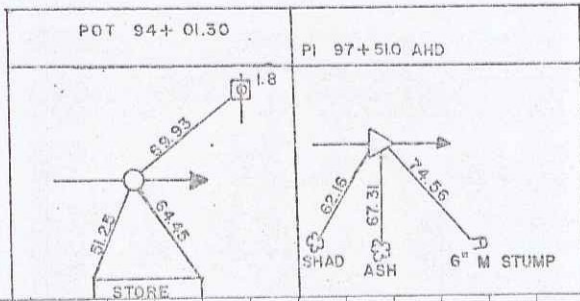
GROTON
F 026-1 (27)S
R.O.W. SHEET 4 OF 16

PLATE 1 SINGLE PLAN - PROFILE
CHARLES SWINING CO.
MADE IN U.S.A.

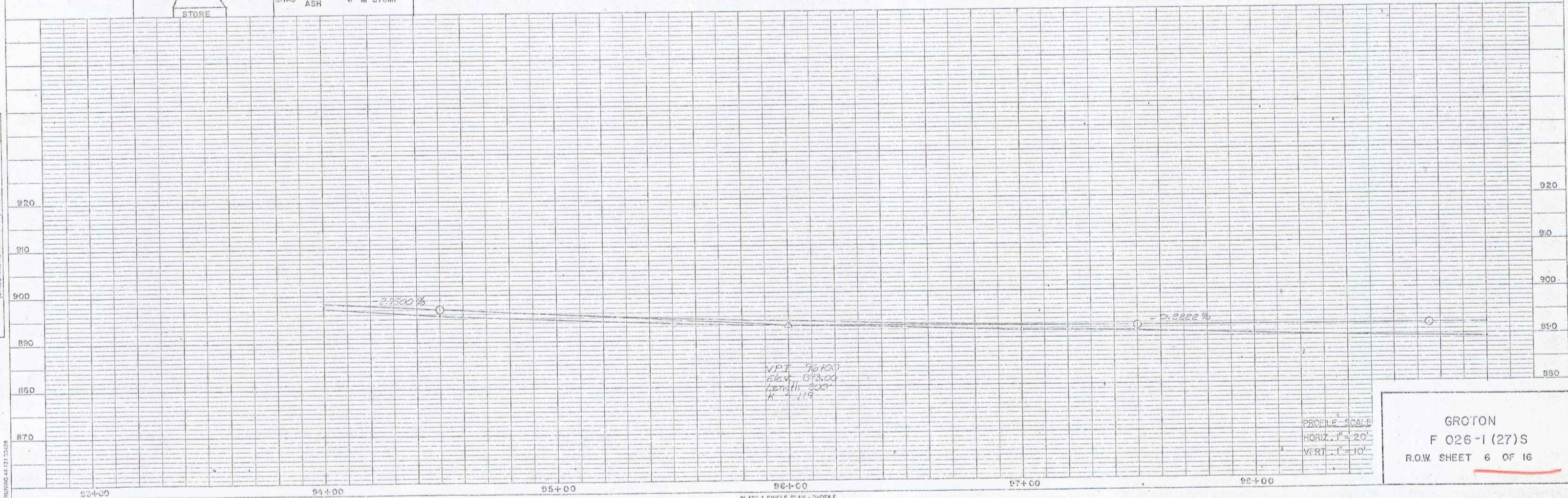
FEB 05 1992

4

PLAN
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 PROJECT: _____



PROFILE
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 PROJECT: _____



GROTON
 F 026-1 (27)S
 R.O.W. SHEET 6 OF 16

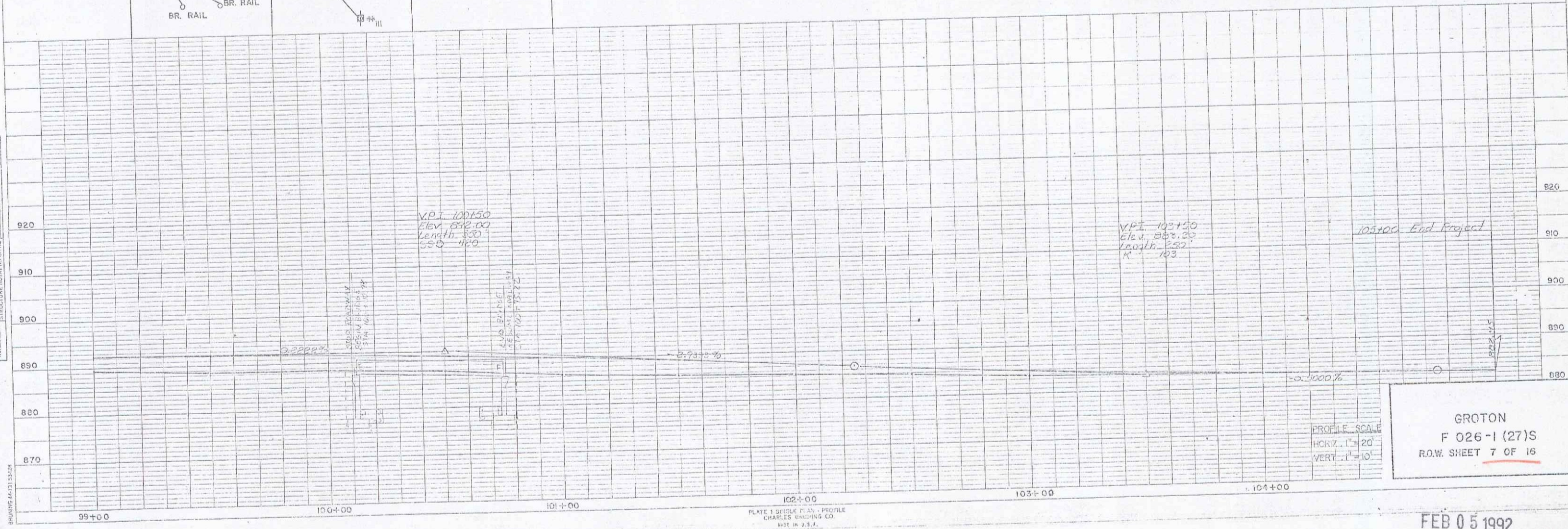
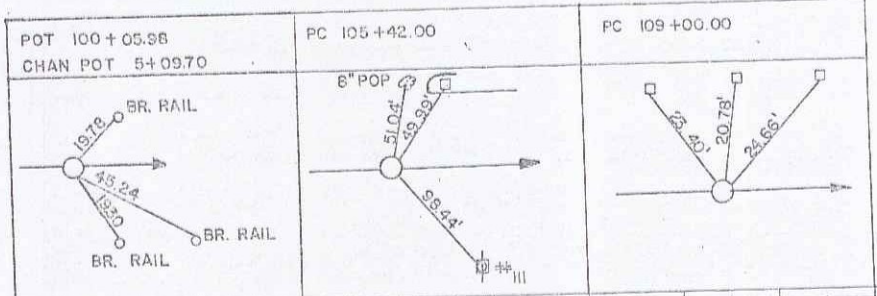
PLATE 1 SINGLE PLAN - PROFILE
 CHARLES BROTHERING CO.
 MADE IN U.S.A.

FEB 05 1992

6

DATE	
BY	
CHECKED	
DESIGNED	
PROJECT	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
PROJECT	
NO.	



PROFILE SCALE
 HORIZ. 1"=20'
 VERT. 1"=10'

GROTON
 F 026-1 (27)S
 R.O.W. SHEET 7 OF 16

FEB 05 1992

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PLATE & BRIDGE PLANS - PROFILE
 CHARLES WINDING CO.
 MADE IN U.S.A.

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1A	CARBEE, PETER S. & LINDA	4, 12	87+87 LT. ✓87+90 LT.	87+90 LT.	0.01A±		DRIVE (T)	WD	2-27-89	GROTON	37	338-339	(5 S.F.±) 12' GRAVEL MP 0486	1	14, 15	PARCEL NO. 5; GREEN-CORRECTED STA. & RUNNING DIST. ON 56, PER. C.O. 7265	4-27-88	F.J.M.	<i>FJM</i>
1B		4, 12	87+25 RT. ✓87+25 RT.	88+19 RT. 88+19 RT.	0.02A±		CONST. EASE. (T) (0.01A±)						(960 S.F.±) (660 S.F.±)	2	8, 9	PARCEL NO. 3, 4 NORTON, PUFFER CHANGE TAKE AREAS 0.08A TO 0.18A±; 0.18A TO 0.27A±; 0.38A TO 0.48A± PER CO. 7352	8-05-88	A.S.J.	<i>ASJ</i>
1C		12	✓87+25 LT.	88+20 CL.	0.09A±		ALL R.T. & I.						U.S. RTE. 302 (4000 S.F.±)	3	10	PARCEL NO. 7 SULHAM, EASE TEMP AREA WAS COMPUTED WRONG AND SHOULD BE 0.21A NOT 0.35A PER CO. 7370	8-26-88	A.S.J.	<i>ASJ</i>
2A	WILSON, ALBERT G.	4, 5 12, 13	✓88+39 LT. ✓89+39 LT. ✓88+50 LT.	89+06 LT. 89+00 LT. 89+02 LT.	0.02A±		CONST. EASE. (T) (31.0 S.F.±) SLOPE (T) (50 S.F.±)	WD	1-27-89	GROTON	37	349-350	(1020 S.F.±)	4	9, 14	PARCEL NO. 4 PUFFER CHANGE WIDTH OF DRIVE AT STA. 88+00 FROM 10' TO 12' PER C.O. 7456	11-26-88	M.J.R.	<i>MJR</i>
2B		12, 13	88+42 LT.	89+06 CL.	0.03A±		ALL R.T. & I.						U.S. RTE. 302 (1500 S.F.±)	5	10, 15 16	PARCEL NO. 9 FRENCH CHANGE TITLE TO DOWNING, DUSTIN R. & MARIE PER C.O. 7504	12-7-88	M.J.R.	<i>MJR</i>
3A	NORTON, DEBORAH A. PALMER, KENNETH R. HASKELL, JOAN A.	4, 5 12, 13	88+19 RT. ✓88+19 RT. ✓88+75 RT. ✓89+72 RT. ✓89+65 RT. ✓82+30 RT. ✓82+50 RT. ✓82+20 RT.	92+90 RT. 90+55 RT. 89+20 RT. 91+25 RT. 92+70 RT.	0.18A± 0.82A±		CONST. EASE. (T) (0.05A±) SLOPE (T) (25 S.F.±) SLOPE (T) (31.0 S.F.±) DRIVE (T) SLOPE (T) (75 S.F.±) CULVERT, DITCH & DRAINAGE(P) DRIVE (T)	WD	6-07-85	GROTON	38	22-25	(2350 S.F.±) 18' GRAVEL MP 0491 18' GRAVEL MP 0494	6	8, 13	PARCEL NO. 3 NORTON ADD DRIVE & DRIVE RT. (T) AT 92+20 RT. 18' GRAVEL PER CO. 7510.	12-20-88	M.J.R.	<i>MJR</i>
3B		12, 13	✓88+19 RT.	92+90 CL.	0.27A±		ALL R.T. & I.						U.S. RTE. 302	7	8	PARCEL NO. 3 NORTON ET AL CHANGE REMAIN- DER AREA FROM 1.82A± TO 0.82A± ON DETAIL SHEET ONLY PER CO. 07538	01-11-89	A.S.J.	<i>ASJ</i>
														8	9, 13 14	PARCEL NO. 4 PUFFER CHANGE WIDTH OF DRIVE AT 89+50 LT. FROM 20' TO 36' ALSO ADD CULVERT AT 94+25 LT. PER C.O. 7604 <i>Myans to Design 6-2-89</i>	2-24-89	M.J.R.	<i>MJR</i>

FEB 05 1992

<p>DR. RT.- DRAINAGE RIGHT DIT. RT.- DITCHING RIGHT CH. RT.- CHANNEL RT. DRIVE RT.- DRIVE RIGHT CUL. RT.- CULVERT RIGHT (D)- DEMOLITION OR REMOVAL (W)- WATER SOURCES</p>	<p>PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITH ACCESS PERMANENT EASEMENT TEMPORARY EASEMENT</p>	<p>LEGEND</p> <p>--- CONST. EASE. --- CONSTRUCTION EASEMENT SR SR SLOPE RIGHTS P P PROPERTY LINE L L TOP OF CUT △ △ TOP OF SLOPE ○ ○</p>	<p>APPROVED: <i>[Signature]</i> DATE: <i>[Date]</i> AGENT D, PLANS & TITLES</p>
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R. O. W. PLANS
GROTON
F 026-1(27) S
SHEET 6 OF 16

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY		
4A	PUFFER, HAROLD B. & JANET B.	5, 6 7, 13 14, 15	89+02 LT. ✓89+00 LT. ✓89+50 LT. 89+50 LT. ✓81+50 LT. 82+25 LT. ✓82+50 LT. 92+62 LT. 94+12 LT. ✓84+25 LT. ✓86+30 LT. ✓86+00 LT. ✓86+15 LT. ✓88+35 LT. ✓00+33 LT.	100+56 LT. 89+80 LT. 92+30 LT. 100+05 LT. 100+05 LT. 100+65 LT.	0.48A±	10.62A±	SLOPE (T) (195 S.F.±) DRIVE (T) SLOPE (T) (200 S.F.±) DRIVE (T) DRIVE (T) DRIVE (T) DRIVE (T) EASE. (T) (0.25A±) SLOPE (T) (0.02A±) CHANNEL (P) (360 S.F.±)	WD		GROTON			36' GRAVEL MP 0489 SIGN 2' X 2' BRICK POST 18' PAVED MP 0494 2' X 2' BRICK POST 2' X 2' BRICK POST 16' PAVED MP 0498 16' GRAVEL MP 0502 12' GRAVEL MP 0505 TEMP. BRIDGE & DETOUR (880 S.F.±)								
4B		13, 14	89+06 CL	100+35 RT.	0.65A±		ALL R.T. & I.						U.S. RTE. 302								
5A	GREEN, EDWARD R.	5, 6 7, 13 14, 15	92+90 RT. 92+90 RT. ✓93+25 RT. ✓83+40 RT. ✓83+40 RT. ✓85+00 RT. ✓85+50 RT. ✓85+65 RT. ✓87+60 RT. ✓86+70 RT.	98+02 RT. 99+34 RT. 93+50 RT. 95+35 RT. 95+35 RT. 96+07 RT. 98+02 RT. 98+10 RT.	0.12A±	1.88A±	DRIVE (T) SLOPE (T) (10 S.F.±) INSTALL (T) SLOPE (T) (198 S.F.±) DRIVE (T) SLOPE (T) (50 S.F.±) SLOPE (T) (10 S.F.±) CONST. EASE. (T) (0.02A±)	OPTION	5-30-89	GROTON	38	3-5	30' GRAVEL MP 0496 CURBED ISLAND 30' GRAVEL MP 0500 (950 S.F.±)								
5B		6, 14	97+89 RT. ✓98+02 RT. ✓88+02 RT.	98+43 RT. 98+45 RT. 98+48 RT.	0.01A±		SLOPE (T) (40 S.F.±) CONST. EASE. (T) (280 S.F.±)						30' ROW OF STATE (635 S.F.±)								
5C		6, 7 14, 15	98+30 RT. ✓88+43 RT. ✓98+43 RT. ✓88+42 RT.	100+00 RT. 99+34 RT. 99+43 RT. 99+64 RT.	0.05A±		CONST. EASE. (T) (0.03A±) SLOPE (T) (80 S.F.±) CHANNEL (P) (72 S.F.±)						(2315 S.F.±) (1215 S.F.±)								
5D		13, 14	92+80 CL	100+02 RT.	0.41A±		ALL R.T. & I.						U.S. RTE. 302								

FEB 05 1992

<p>DR. RT.- DRAINAGE RIGHT DIT. RT.- DITCHING RIGHT CH. RT.- CHANNEL RT. DRIVE RT.- DRIVE RIGHT CUL. RT.- CULVERT RIGHT (D)- DEMOLITION OR REMOVAL (W)- WATER SOURCES</p>	<p>PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITHOUT ACCESS ALONG PROPERTY LINE TAKING WITH ACCESS (P) PERMANENT EASEMENT (T) TEMPORARY EASEMENT</p>	<p>LEGEND --- CONST. EASE. --- CONSTRUCTION EASEMENT --- SR --- SLOPE RIGHTS --- P --- PROPERTY LINE --- L --- TOP OF CUT --- O --- TOE OF SLOPE</p>	<p>APPROVED: <i>[Signature]</i> DATE: <i>[Date]</i> AGENT D. PLANS & TITLES</p>	<p>R. O. W. PLANS GROTON F 026-1(27)S SHEET 9 OF 16</p>
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STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY	
6	STATE OF VERMONT FOREST & PARKS DEPT.	6.14	97+09 RT. ✓99+02 RT. ✓98+02 RT.	98+43 RT. 98+45 RT. 98+48 RT.	0.01A±		ALL R. T. & I. SLOPE (T) (40 S.F. ±) CONST. EASE. (T) (260 S.F. ±)	EXE ORD	9-23-88	GROTON	37	146- 148	30' ROW OVER PARCEL 5 (635 S.F. ±)							
7A	SULHAM, RICHARD H.	7.15	100+35 LT. 100+56 LT. ✓100+56 LT. ✓100+91 LT. ✓101+30 LT.	103+72 LT. 105+72 LT. 103+35 LT. 101+12 LT. 103+15 LT.	0.19A±	1.31 A±	EASE. (T) (0.21A±) CHANNEL (P) (160 S.F. ±) SLOPE (T) (0.02A±)	WD	1-20-89	GROTON	37	344- 345	(685 S.F. ±)							
7B		7.15	100+35 LT.	103+73 RT.	0.19A±		ALL R. T. & I.						U.S. RTE. 302							
8A	TOWN OF GROTON	7.15	103+71 LT. ✓104+00 LT.	104+22 LT.	0.02A±		ALL R. T. & I. APPROACH (T)	QCD	2-08-89	GROTON	37	363- 364	TH 17 (890 S.F. ±) TH 17 MP 0516							
8B		7.15	103+82 RT. ✓104+25 RT.	104+64 RT.	0.03A±		ALL R. T. & I. APPROACH (T)						TH 55 (1380 S.F. ±) TH 55 MP 0516							
8C		7.15	✓95+42 RT. ✓95+65 RT.	100+21 RT. 99+90 RT.			CONST. EASE. (T) (0.01A±) CHANNEL (P) (60 S.F. ±)						(575 S.F. ±)							
9	DOWNING, DUSTIN R. & MARIE	7.15 16	✓104+56 RT. ✓104+56 RT. ✓104+62 RT. ✓105+22 RT. ✓105+42 RT. ✓105+65 RT.	104+62 RT. 105+70 RT. 105+22 RT. 105+66 RT. 105+70 RT.			CULVERT (P) SLOPE (T) (0.02A±) DRAINAGE (P) CULVERT (P) DRIVE (T) DRAINAGE (P)	WDOE	5-01-89	GROTON			(980 S.F. ±) 12' GRAVEL MP 0519							

FEB 05 1992

<p>DR. RT.- DRAINAGE RIGHT DIT. RT.- DITCHING RIGHT CH. RT.- CHANNEL RT. DRIVE RT.- DRIVE RIGHT CUL. RT.- CULVERT RIGHT ⓓ- DEMOLITION OR REMOVAL W- WATER SOURCES</p>	<p>PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITHOUT ACCESS ALONG PROPERTY LINE TAKING WITH ACCESS PERMANENT EASEMENT TEMPORARY EASEMENT</p>	<p>LEGEND</p> <p>--- CONST. EASE. --- SR SR P SR L SR △ L △ △ ○ ○ ○</p> <p>CONSTRUCTION EASEMENT SLOPE RIGHTS PROPERTY LINE TOP OF CUT TOE OF SLOPE</p>	<p>APPROVED: _____ DATE: _____ AGENT D. PLANS & TITLES</p>	<p>R. O. W. PLANS GROTON F 026-1(27) S SHEET 10 OF 16</p>
---	--	---	--	--

TABLE OF PROJECT PROPERTY ACQUISITION

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS	REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY	
10	WASHINGTON ELECTRIC CO-OP												UTILITY							
11	CONNTINENTAL TELEPHONE COMPANY OF VERMONT												UTILITY							
	MAINT. AGREE. AREA NO 1		✓103+95 LT.	103+95 LT.									LENGHT 30' TH #17							
	MAINT. AGREE. AREA. NO. 2		✓104+25 RT.	104+35 RT.									LENGHT 30' TH #55							

FEB 05 1992

<p>DR. RT.- DRAINAGE RIGHT DIT. RT.- DITCHING RIGHT CH. RT.- CHANNEL RT. DRIVE RT.- DRIVE RIGHT CUL. RT.- CULVERT RIGHT Ⓞ- DEMOLITION OR REMOVAL ☒- WATER SOURCES</p>	<p>PRESENT R.O.W. TAKING WITHOUT ACCESS TAKING WITH ACCESS PERMANENT EASEMENT TEMPORARY EASEMENT</p>	<p>LEGEND --- CONST. EASE --- CONSTRUCTION EASEMENT SR SR SLOPE RIGHTS P PROPERTY LINE △ TOP OF CUT ○ TOE OF SLOPE</p>	<p>APPROVED: <i>[Signature]</i> DATE: <i>[Date]</i> AGENT D. PLANS & TITLES</p>
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R. O. W. PLANS
GROTON
F 026-1 (27) S
SHEET 11 OF 16

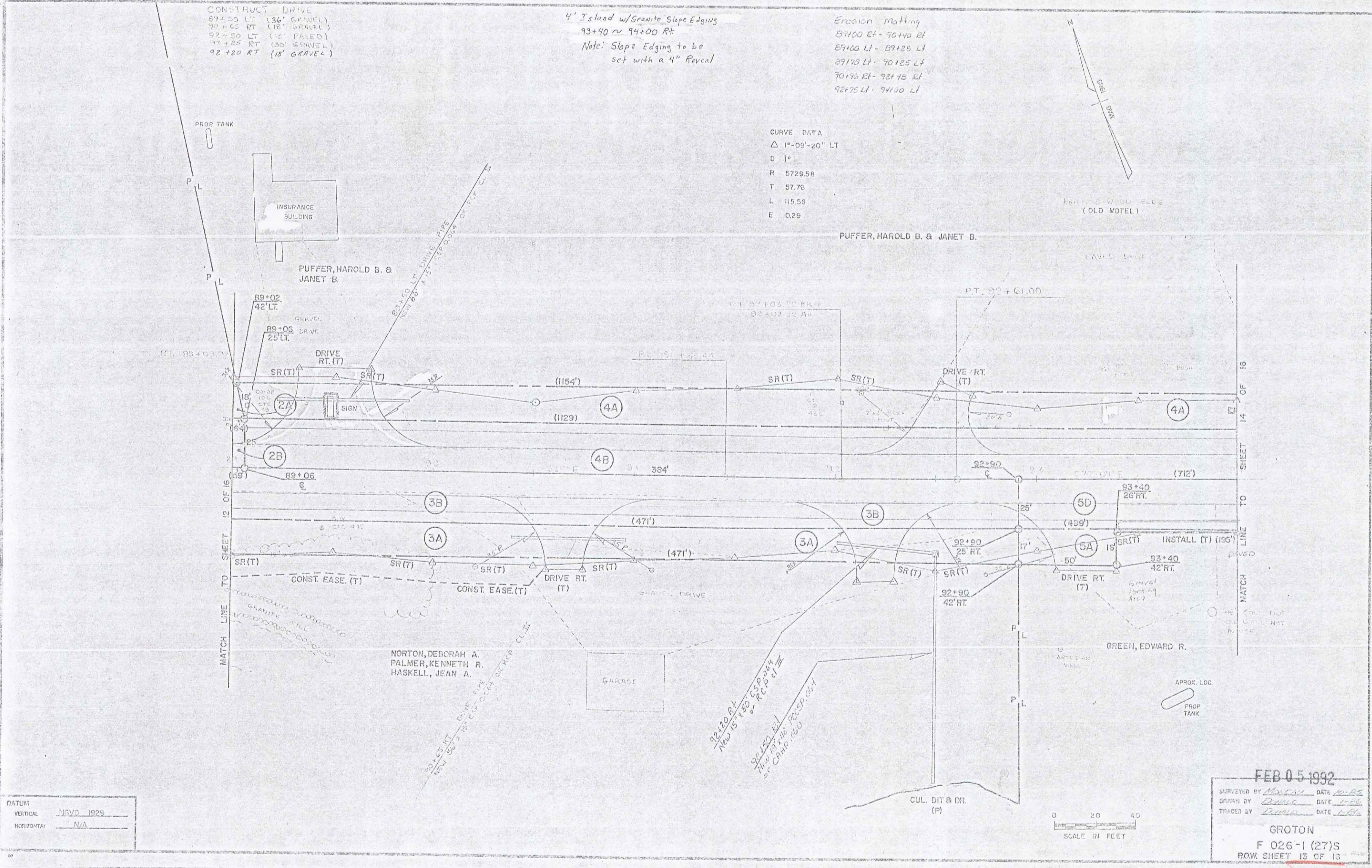
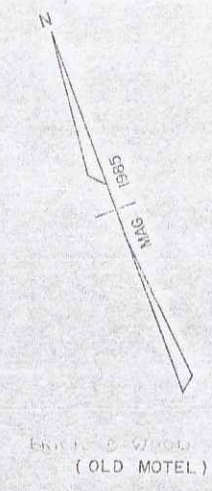
//

CONSTRUCT DRIVE
 89+50 LT (36' GRAVEL)
 90+62 RT (18' GRAVEL)
 92+50 LT (10' PAVED)
 93+25 RT (30' GRAVEL)
 92+20 RT (18' GRAVEL)

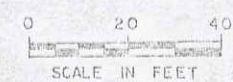
4' Island w/Granite Slope Edging
 93+40 ~ 94+00 Rt
 Note: Slope Edging to be
 set with a 4" Reveal

Erosion Matting
 89100 Lt - 90400 Lt
 89125 Lt - 89125 Lt
 90175 Lt - 90175 Lt
 90175 Lt - 90175 Lt
 92175 Lt - 94100 Lt

CURVE DATA
 Δ 1°-09'-20" LT
 D 1°
 R 5729.56
 T 57.76
 L 115.56
 E 0.29



DATUM
 VERTICAL NAD 1928
 HORIZONTAL N/A



FEB 05 1992
 SURVEYED BY DATE
 DRAWN BY DATE
 TRACED BY DATE
 GROTON
 F 026-1 (27)S
 ROW SHEET 13 OF 13

Erosion Matting
 94100 LT - 94105 LT
 95101 LT - 95105 LT

CONSTRUCT DRIVE
 94+25 LT (16' PAVED)
 95+30 RT (30' GRAVEL)
 96+30 LT (16' GRAVEL)
 98+00 LT (12' GRAVEL)

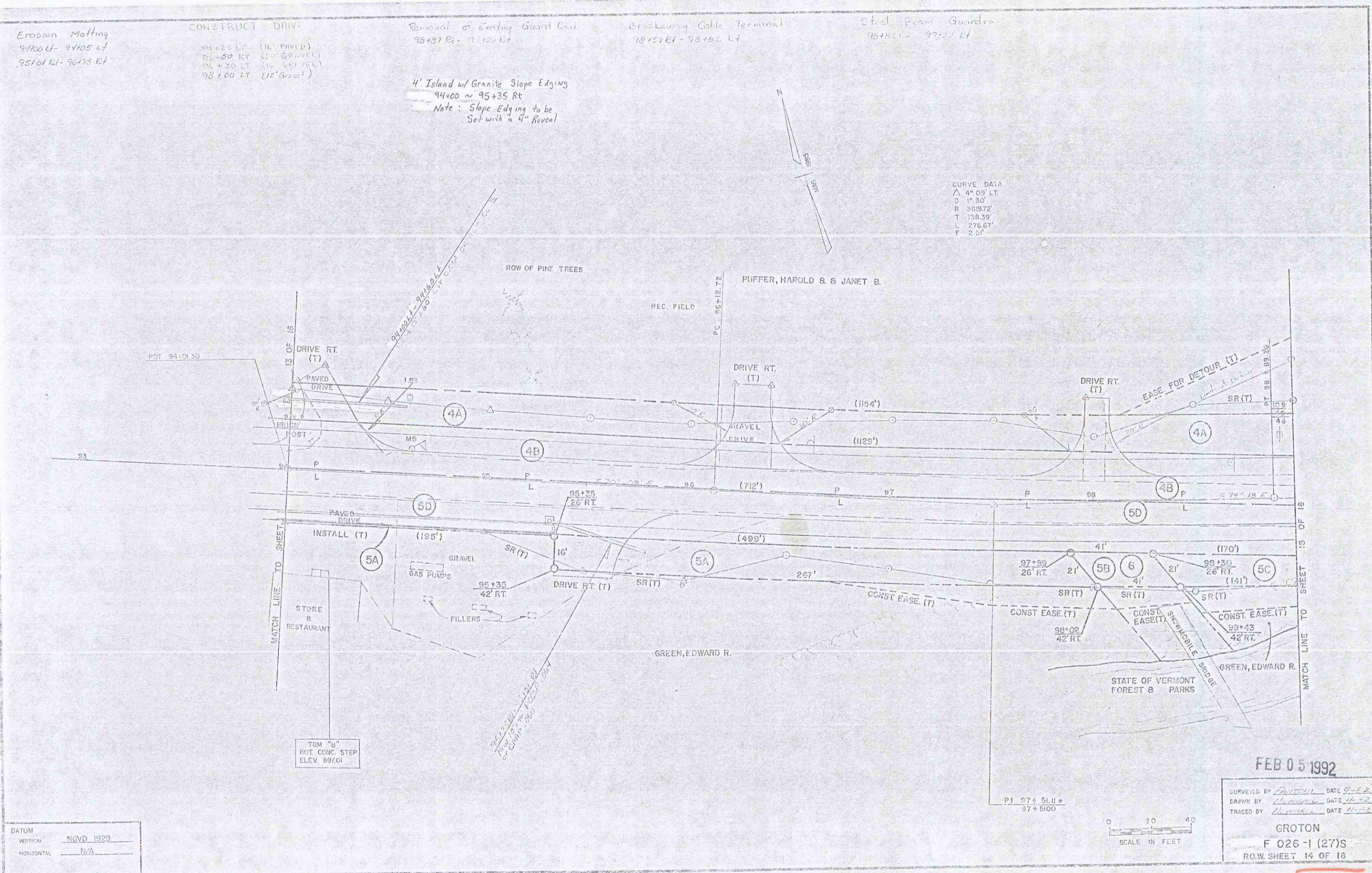
Removal of Existing Guard Rail
 95+87 RT - 97+00 RT

Breakaway Cable Terminal
 95+51 LT - 95+82 LT

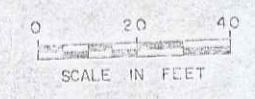
Steel Beam Guards
 95+82 LT - 97+00 RT

4' Island w/ Granite Slope Edging
 94+00 ~ 95+35 RT
 Note: Slope Edging to be
 Set with a 4" Reveal

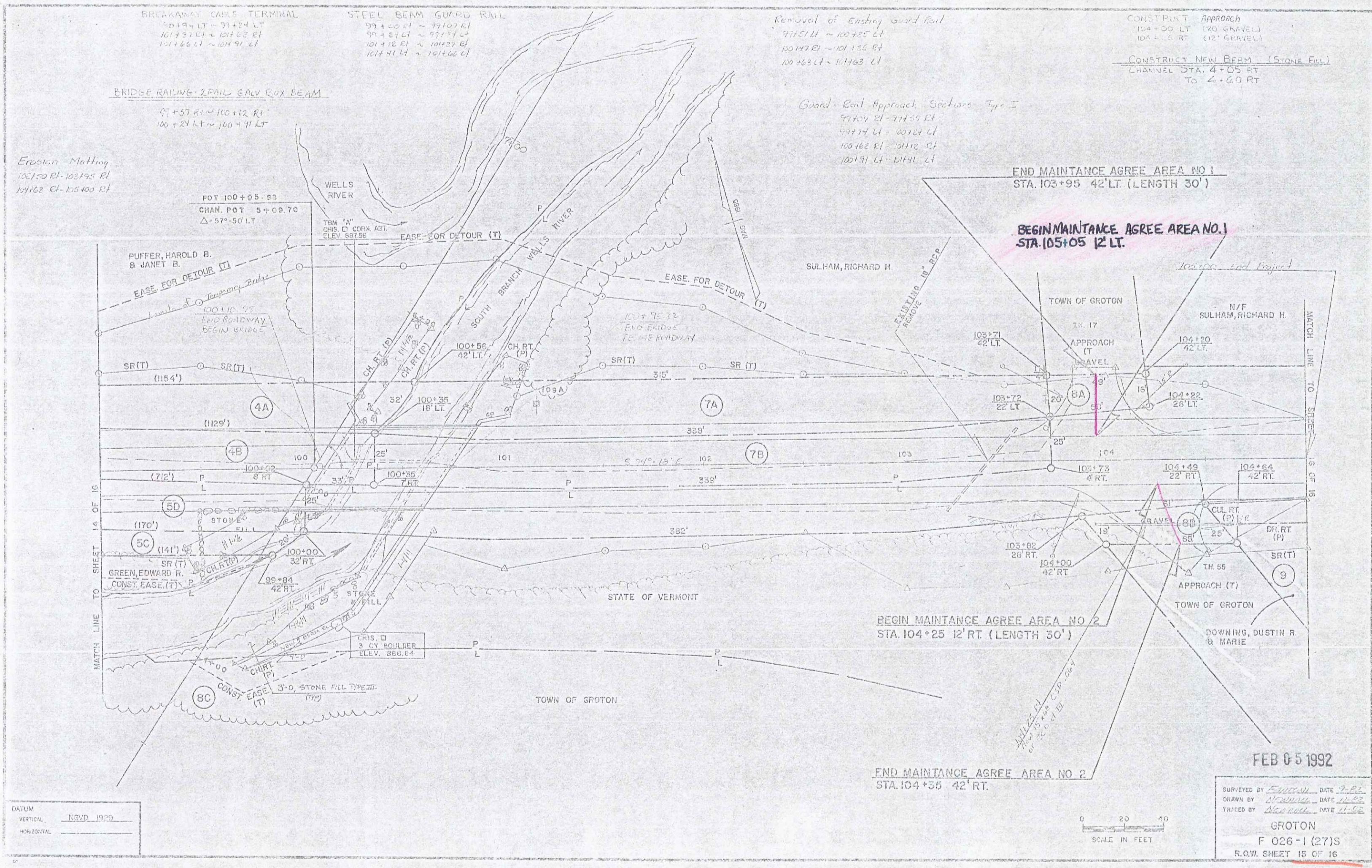
CURVE DATA
 Δ 44° 09' LT
 D 1' 30"
 R 3589.72'
 T 138.39'
 L 276.67'
 F 2.51'



DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



FEB 05 1992
 SURVEYED BY *[Signature]* DATE 9-2-88
 DRAWN BY *[Signature]* DATE 11-88
 TRACED BY *[Signature]* DATE 11-88
 GROTON
 F 026-1 (27)S
 R.O.W. SHEET 14 OF 16



DATUM
 VERTICAL: NAD 1983
 HORIZONTAL: NAD 1983

0 20 40
 SCALE IN FEET

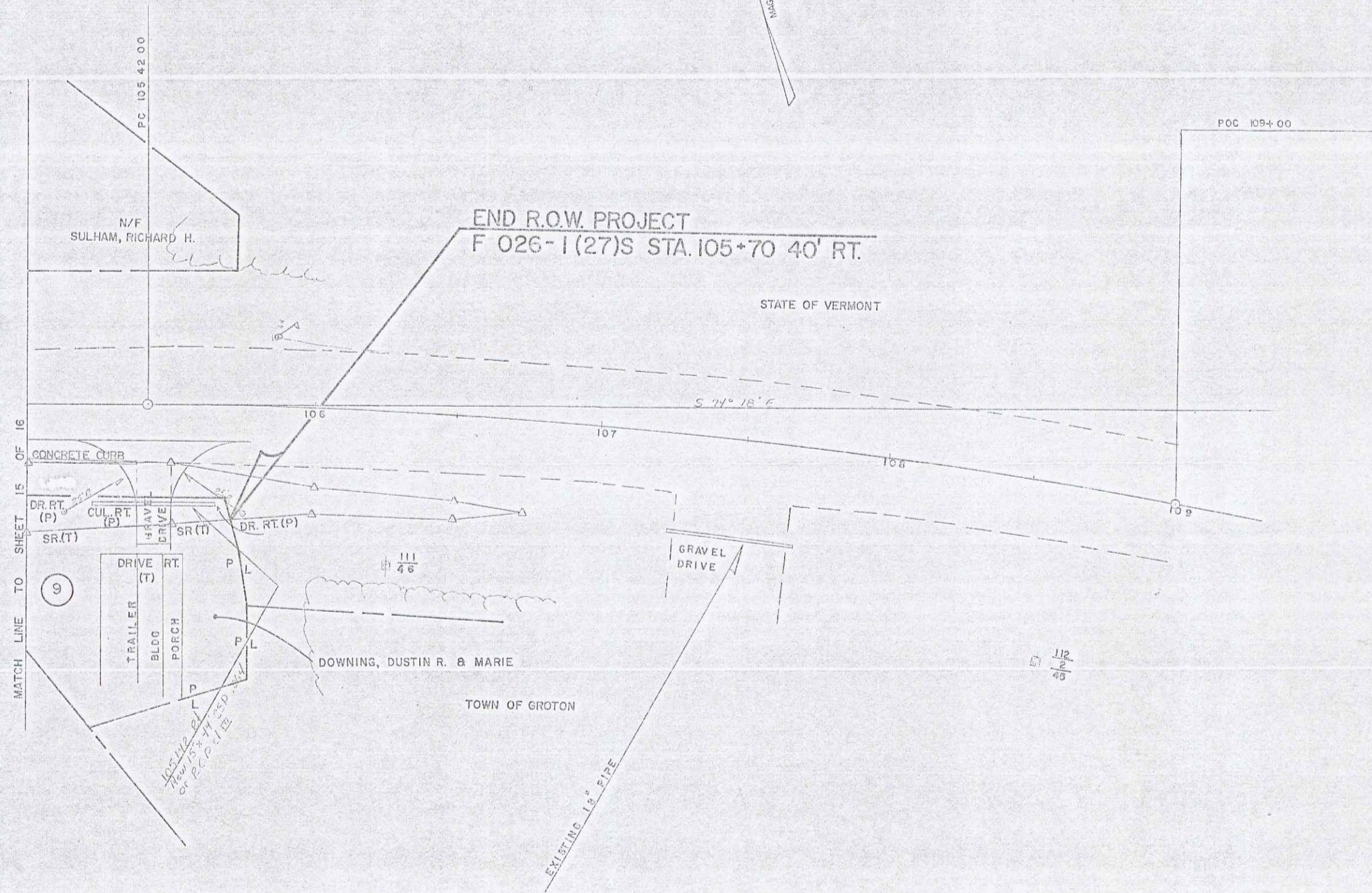
FEB 05 1992
 SURVEYED BY: *Edwards* DATE: *2-8-92*
 DRAWN BY: *W. Wallace* DATE: *12-92*
 TRACED BY: *W. Wallace* DATE: *11-92*
 GROTON
 F 026-1 (27)S
 R.O.W. SHEET 15 OF 16

15

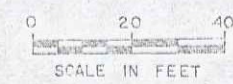
Erosion Matting
105+00 - 105+20 RT
105+64 - 106+75 EF



CURVE DATA
Δ 45° 18' RT.
D 2° 45'
R 2083.46'
T 896.63'
L 1683.64'
E 182.45'
BANK 0.05 FT./FT.



DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



FEB 05 1992
SURVEYED BY [Signature] DATE 2/2/92
DRAWN BY [Signature] DATE 2/2/92
TRACED BY [Signature] DATE 2/2/92
GROTON
F 026-1 (27)S
R.O.W. SHEET 16 OF 16

INDEX OF SHEETS
 1. TITLE SHEET
 2. INDEX OF SHEETS

RECORD PLANS

CONTRACTOR: EARTH CONSTRUCTION, INC.

RESIDENT ENGINEER: ARWALD D. GRAY

CONSTRUCTION BEGAN: MARCH 30, 1990
 CONSTRUCTION COMPLETED: MARCH 6, 1991

RECORD PLANS BY: RICHARD P. RUSSELL, JR.

I hereby certify that all the construction required by this set of drawings has been accomplished as indicated herein.

By: *Richard P. Russell, Jr.* Resident Engineer

Date: 10-25-91

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfilm in Central Files.

STATE OF VERMONT
 AGENCY OF TRANSPORTATION

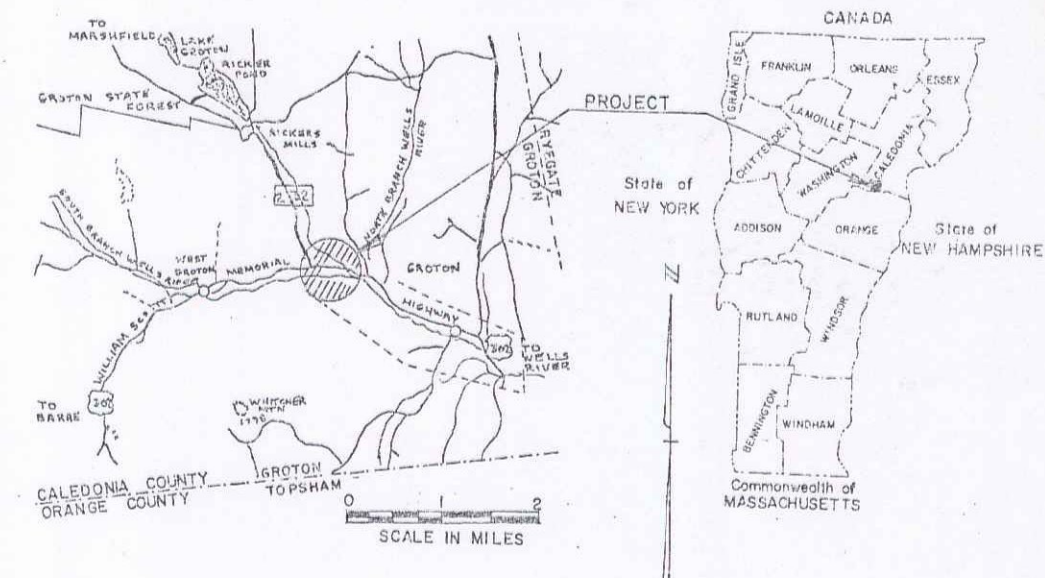


PROPOSED IMPROVEMENT
 TOWN OF GROTON
 COUNTY OF CALEDONIA
 U.S. RTE 302 FAP
 BARRE - WELLS RIVER ROAD

BEGINNING AT A POINT APPROXIMATELY 4.657 MILES
 EASTERLY OF THE TOPSHAM-GROTON TOWN LINE AND
 EXTENDING 0.322 MILES EASTERLY.

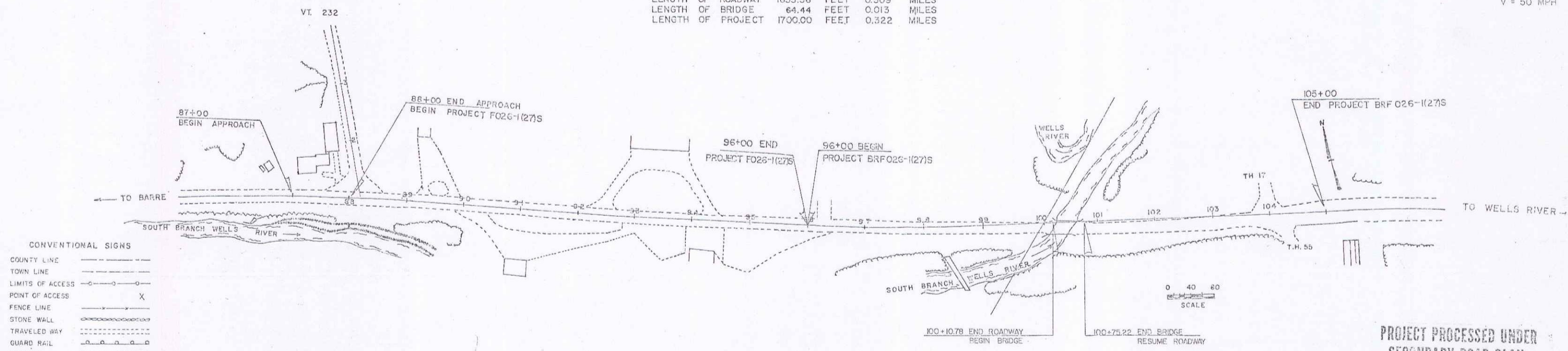
WORK TO BE PERFORMED UNDER THIS PROJECT CONSISTS
 OF REPLACEMENT OF EXISTING BRIDGE AND
 RECONSTRUCTION OF ROADWAY.

LENGTH OF ROADWAY 1633.56 FEET 0.309 MILES
 LENGTH OF BRIDGE 64.44 FEET 0.013 MILES
 LENGTH OF PROJECT 1700.00 FEET 0.322 MILES



**CONSTRUCTION
 PLANS**

EST. 1989 ADT = 2100
 EST. 2009 ADT = 2980
 DHV = 420
 D = 5%
 T = 5% (OF DHV)
 V = 50 MPH



- 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
 - CONTROL OF ACCESS
 - ROW TAKING LINE
 - SLOPE RIGHTS
 - CUT
 - TOE OF SLOPE

DATUM
 VERTICAL: NGVD 1929
 HORIZONTAL: N/A

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 CONSTRUCTION DATED 1986, FOR USE ON THESE
 PROJECTS INCLUDING ALL SUBSEQUENT PROVISIONS AS
 ARE INCORPORATED IN THESE PLANS.

PROJECT PROCESSED UNDER
 SECONDARY ROAD PLAN

SUBMITTED BY ORDER OF THE STATE TRANSPORTATION BOARD

APPROVED: *David B. Kellen* DATE: 6/21/87
 CHIEF ENGINEER

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____ DATE: _____
 DIVISION ADMINISTRATOR

GROTON
 PROJECT F NO 026-1(27)S
 BR# 026-1(27)S
 SHEET 1 OF 131 SHEETS

D-10 SRS 12/17/70

Construct Drive
87450 LT 12' wide

CONSTRUCT APPROACH VT 232 (24' PAVED)

CURVE DATA
 Δ 5°-34'-50" RT
 D 1°-45'
 R 3274.04
 T 159.57
 L 318.89
 E 3.89

Erosion Matting
 87450 - 87400 RT
 87450 - 87400 LT

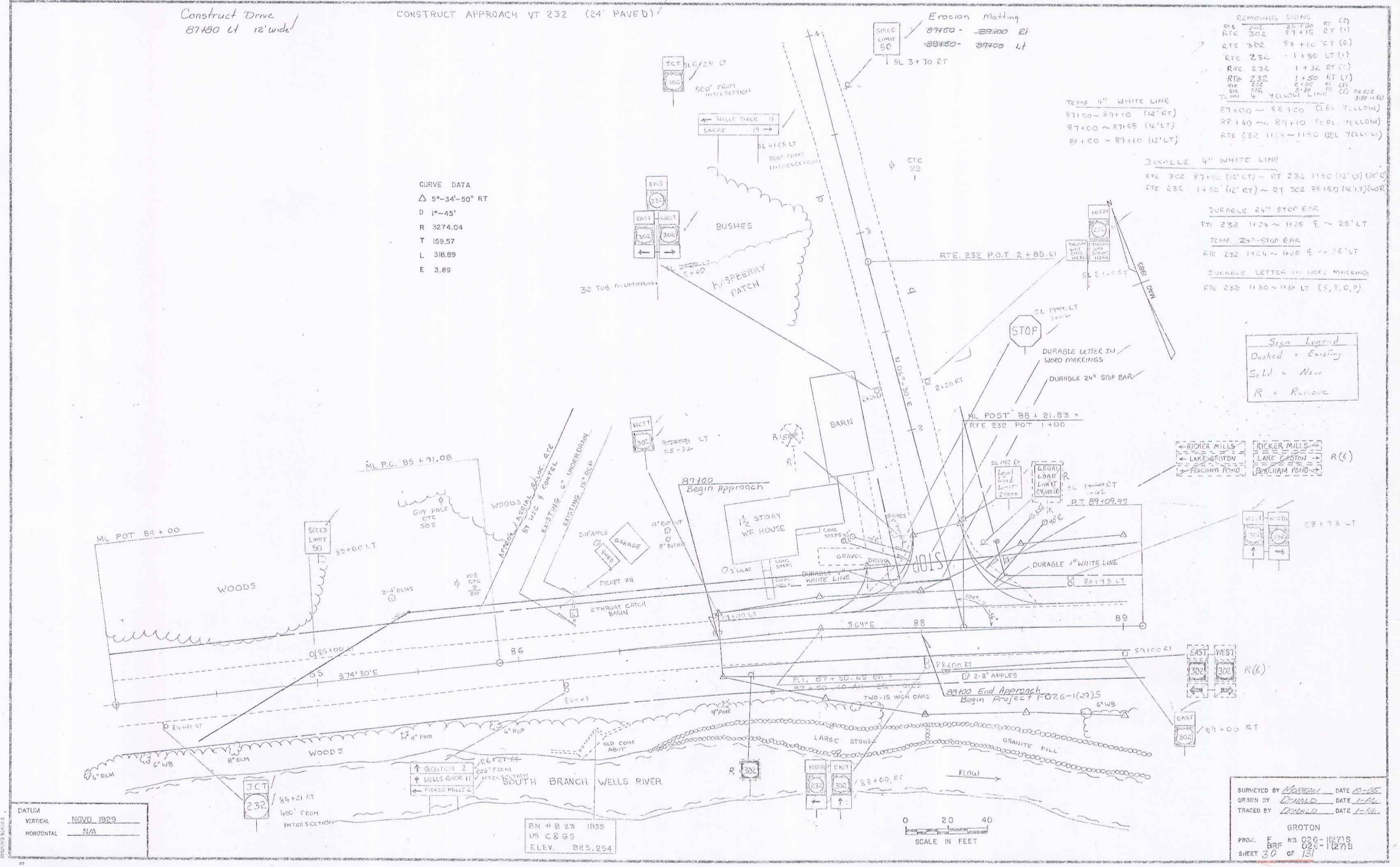
TEMP 4" WHITE LINE
 87100 - 87110 (12' RT)
 87400 - 87405 (16' LT)
 87400 - 87410 (12' LT)

LOCAL 4" WHITE LINE
 RTE 302 87450 (12' LT) - RT 232 88150 (12' LT) (20')
 RTE 232 1450 (12' RT) - RT 302 88150 (12' LT) (40')

LOCAL 24" STOP BAR
 RT 232 1124 - 1126 E - 26' LT
 TEMP 24" STOP BAR
 RT 232 1124 - 1126 E - 26' LT
 DURABLE LETTER IN WORD MARKINGS
 RTE 232 1130 - 1132 LT (S, T, C, P)

Sign Legend
 Dashed = Existing
 Solid = New
 R = Remove

RICKER MILLS
 LAKE GROTON
 PEACOCK ROAD



JAN 8 1993

18

DATE CHECKED
BY
DATE OF PLAN CHECKED
BY

DATE CHECKED
BY
DATE OF PLAN CHECKED
BY

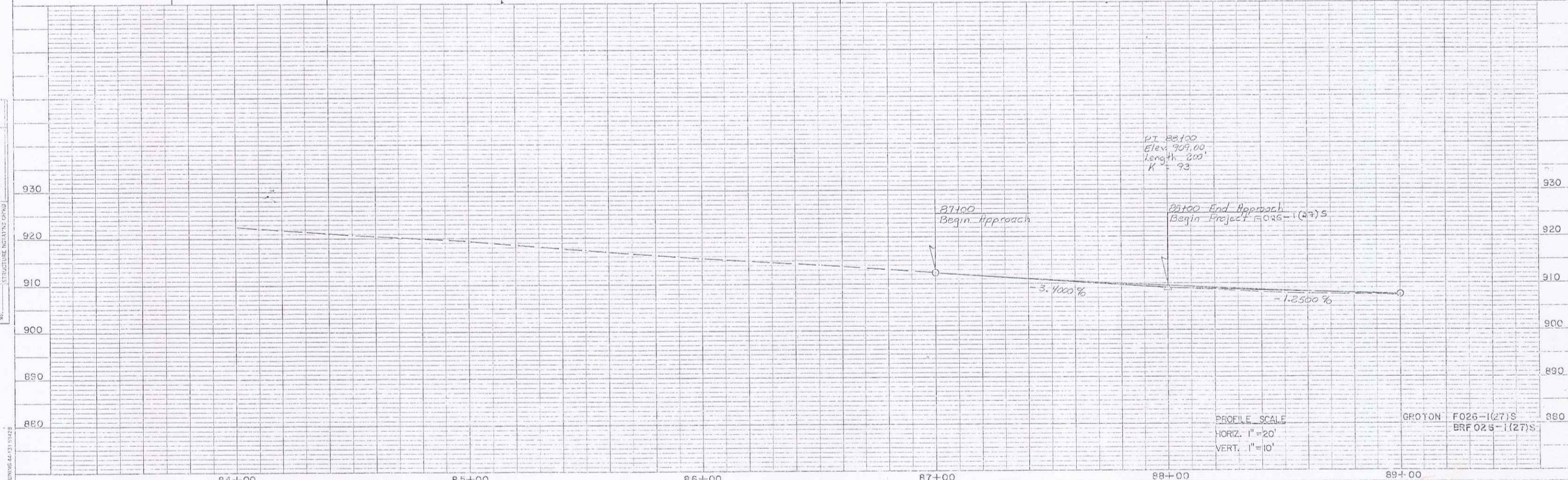
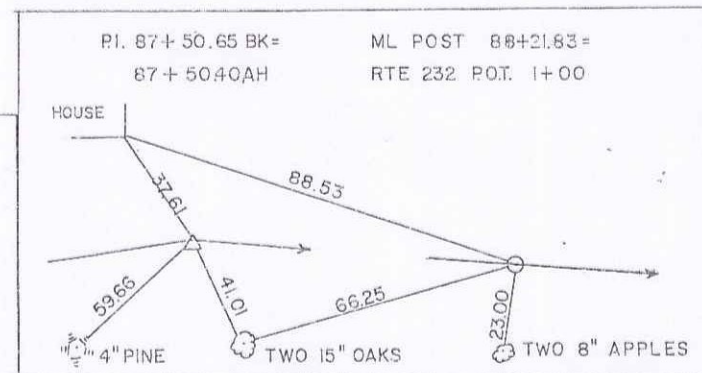
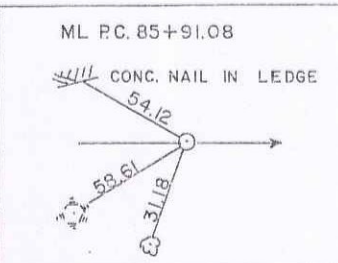
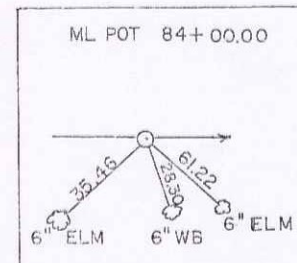


PLATE 1 SINGLE PLAN - PROFILE
CHARLES B. WING CO.
P.O. BOX 111

PROFILE SCALE
HORIZ. 1"=20'
VERT. 1"=10'

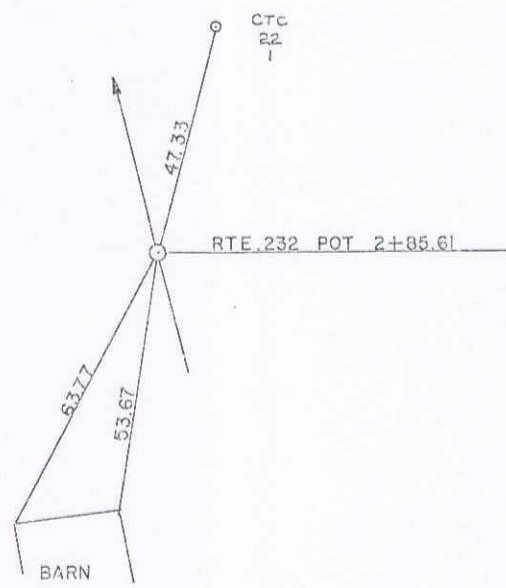
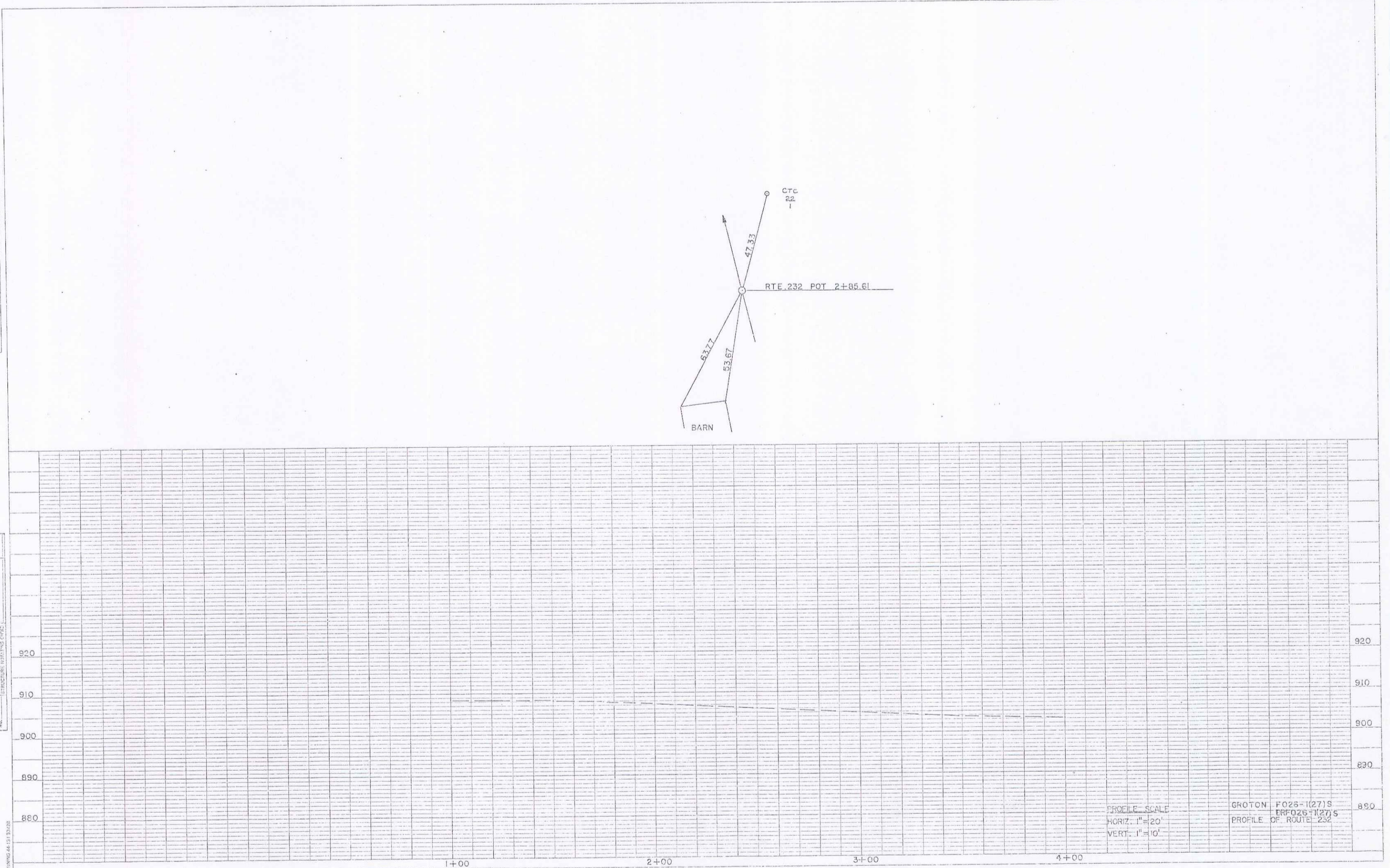
GROTON F025-1(27)S
BRF 025-1(27)S

JAN 8 1993

Sheet 31 of 131
19

DATE: _____
 PROJECT: _____
 DRAWING NO.: _____
 SHEET NO.: _____

DATE: _____
 PROJECT: _____
 DRAWING NO.: _____
 SHEET NO.: _____



PROFILE SCALE
 HORIZ. 1"=20'
 VERT. 1"=10'
 GROTON F025-(27)S
 ERFO25-(27)S
 PROFILE OF ROUTE 232

PLATE 1 SINGLE PLAN & PROFILE
 CHARLES BURRIDGE CO.
 MADE IN U.S.A.

Sheet 32 of 131

JAN 8 1993

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CONSTRUCT DRIVE
 89+50 LT (36' GRAVEL)
 90+65 RT (18' GRAVEL)
 92+50 LT (18' PAVED)
 93+25 RT (35' GRAVEL)
 92+20 RT (18' GRAVEL)

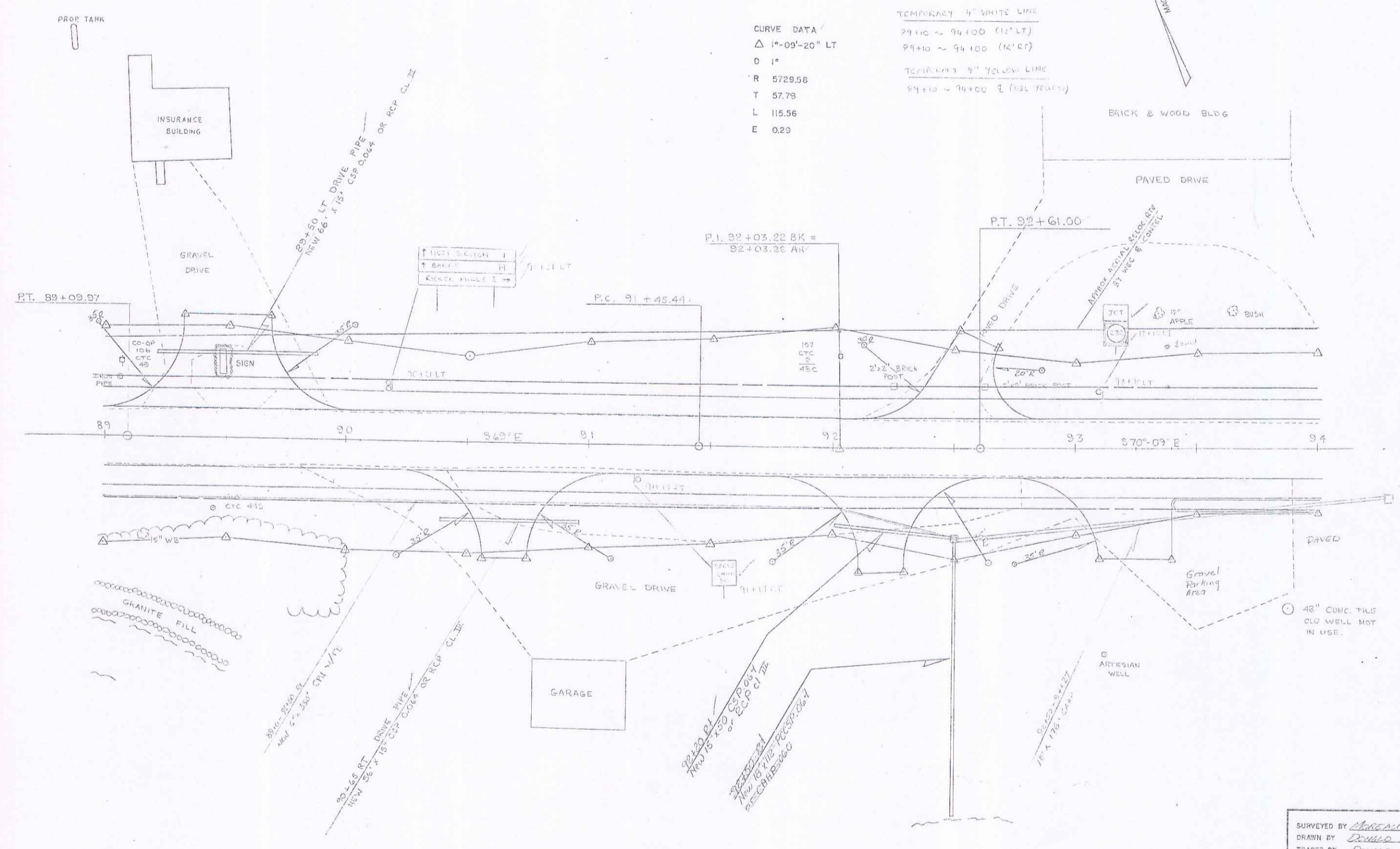
4" Island w/ Granite Slope Edging
 93+50 ~ 94+00 RT
 Note: Slope Edging to be
 set with a 4" Reveal

Erosion Matting
 89+00-89+40 RT
 89+00-89+20 LT
 89+25-90+25 LT
 90+75-92+75 RT
 92+75-94+00 LT

Wood Machine Posts
 3 1/2" dia

CURVE DATA
 Δ 1°-09'-20" LT
 D 1"
 R 5729.58
 T 57.78
 L 115.56
 E 0.29

TEMPERARY 4" WHITE LINE
 89+10 ~ 94+00 (12' LT)
 89+10 ~ 94+00 (12' RT)
 TEMPORARY 4" YELLOW LINE
 89+10 ~ 94+00 (12' YELLOW)



DATUM
 VERTICAL N.G.V.D. 1929
 HORIZONTAL N/A

0 20 40
 SCALE IN FEET

SURVEYED BY Cherry DATE 10-85
 DRAWN BY David DATE 1-86
 TRACED BY David DATE 1-86
 GROTON
 PROJ. F. NO. 026-(27)S
 RRF OF 026-(27)S
 SHEET 23 OF 137

JAN 8 1993

21

DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NO. _____

PROFILE
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____
 NO. _____

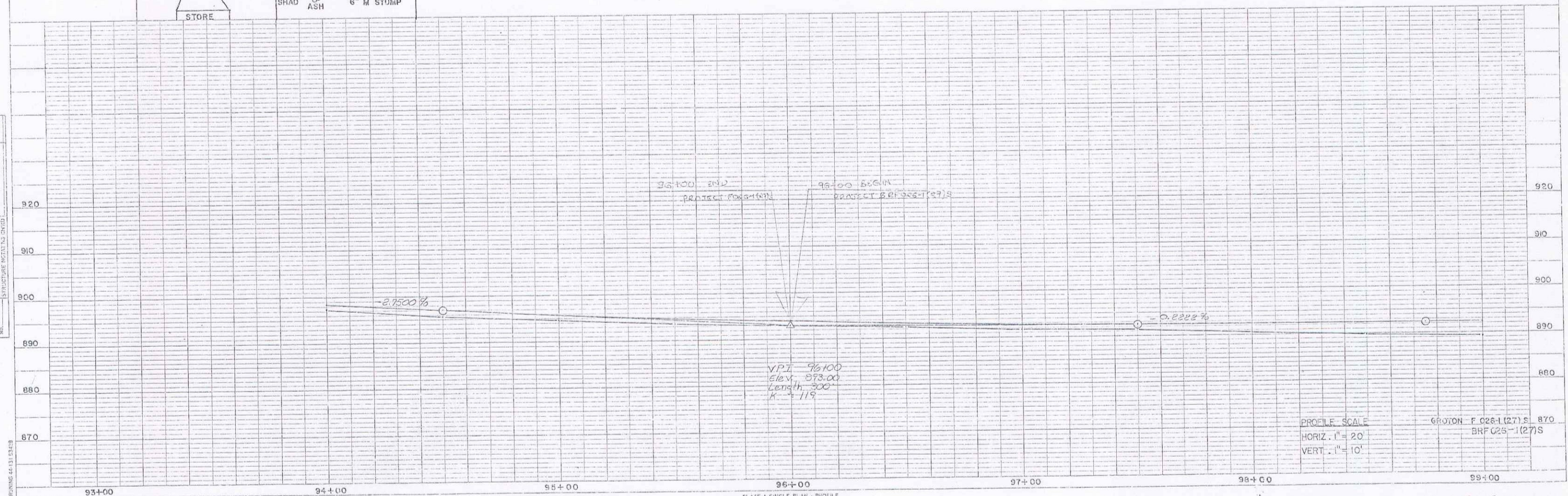
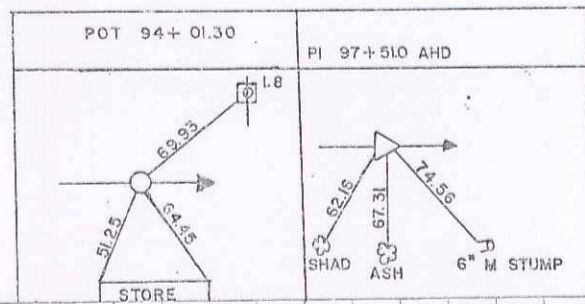
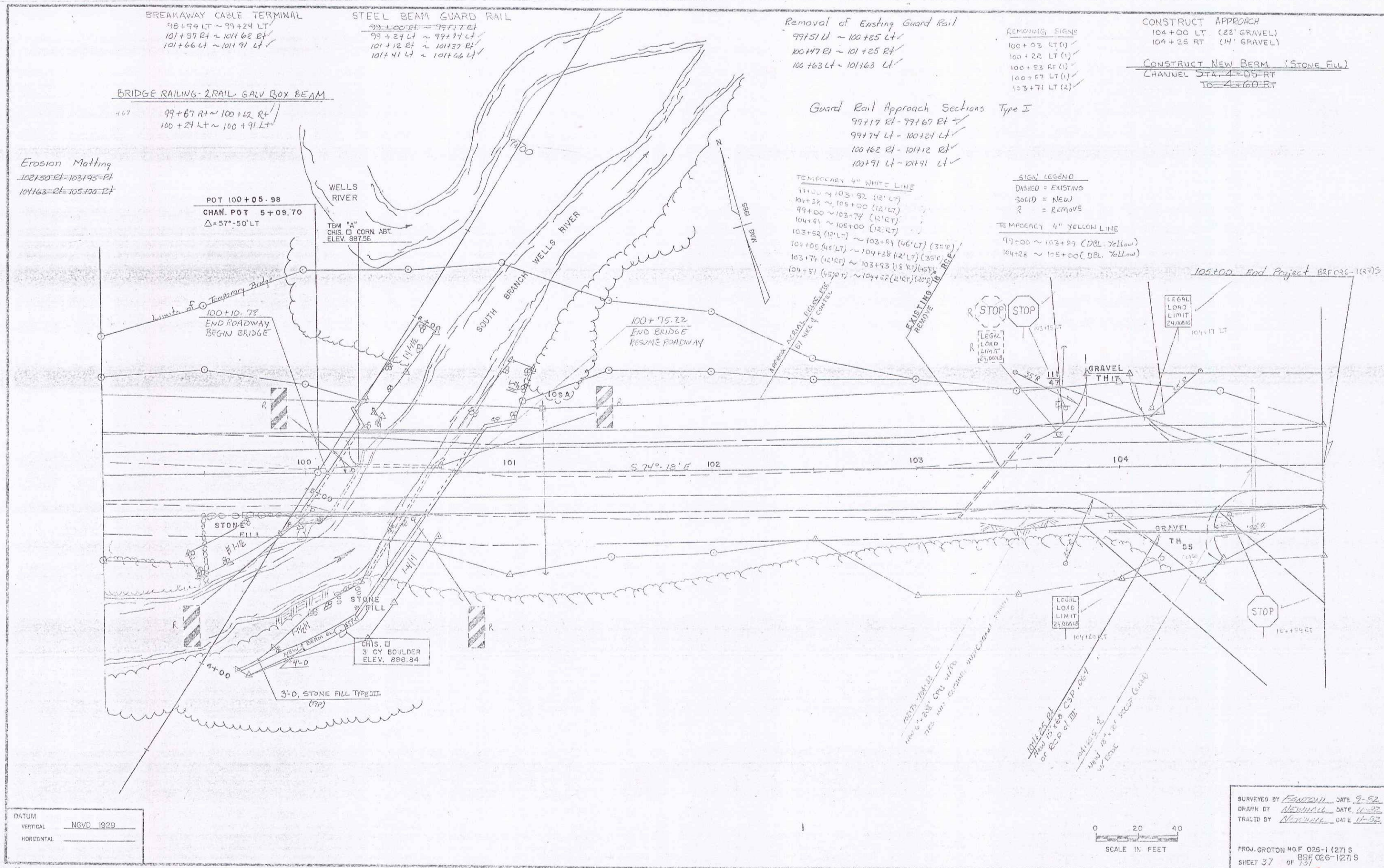


PLATE 1 SINGLE PLAN - PROFILE
 CHARLES BRUNING CO.
 MADE IN U.S.A.

Sheet 36 of 131

JAN 8 1993

24



JAN 8 1993

25

DATE: _____
 CHECKED: _____
 IN CHARGE: _____
 NOTE BOOK NO. _____
 SET OF WAY CHECKED: _____
 NO. _____

DATE: _____
 CHECKED: _____
 IN CHARGE: _____
 NOTE BOOK NO. _____
 SET OF WAY CHECKED: _____
 NO. _____

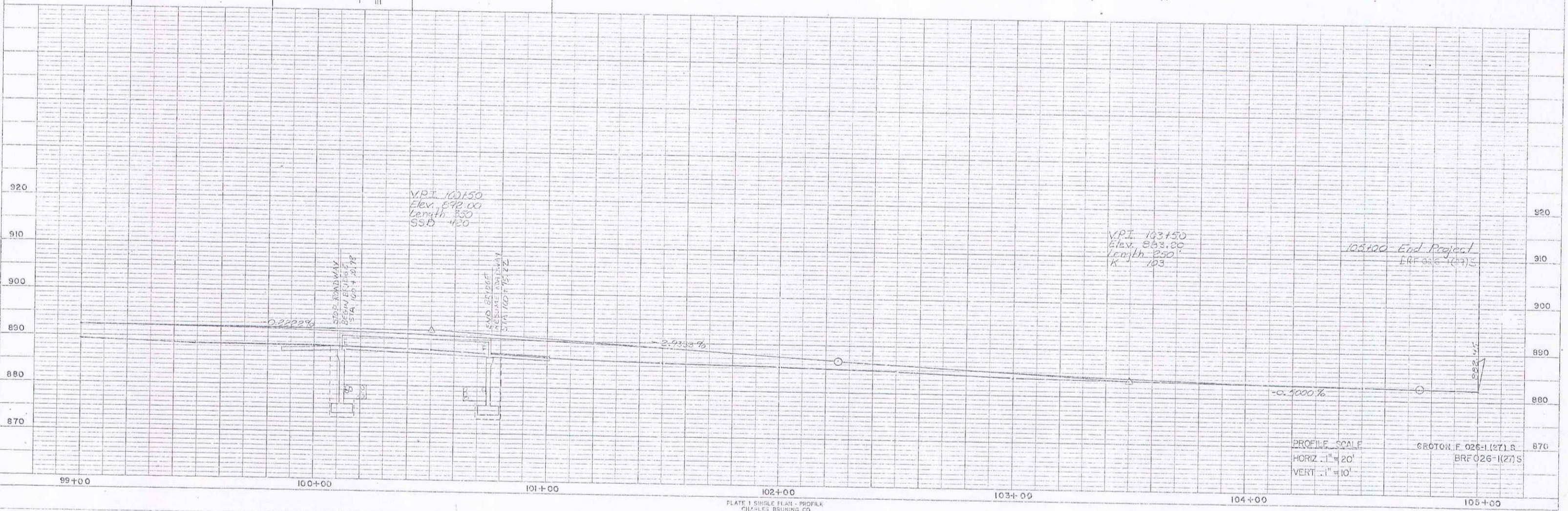
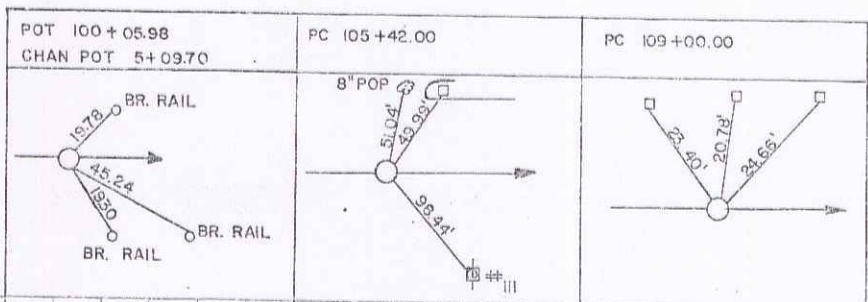


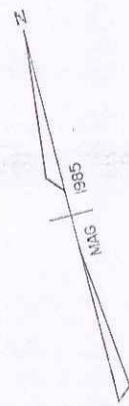
PLATE 1 SINGLE PLAN - PROFILE
 PHOENIX BRIDGE CO.
 MADE IN U.S.A.

Sheet 38 of 131

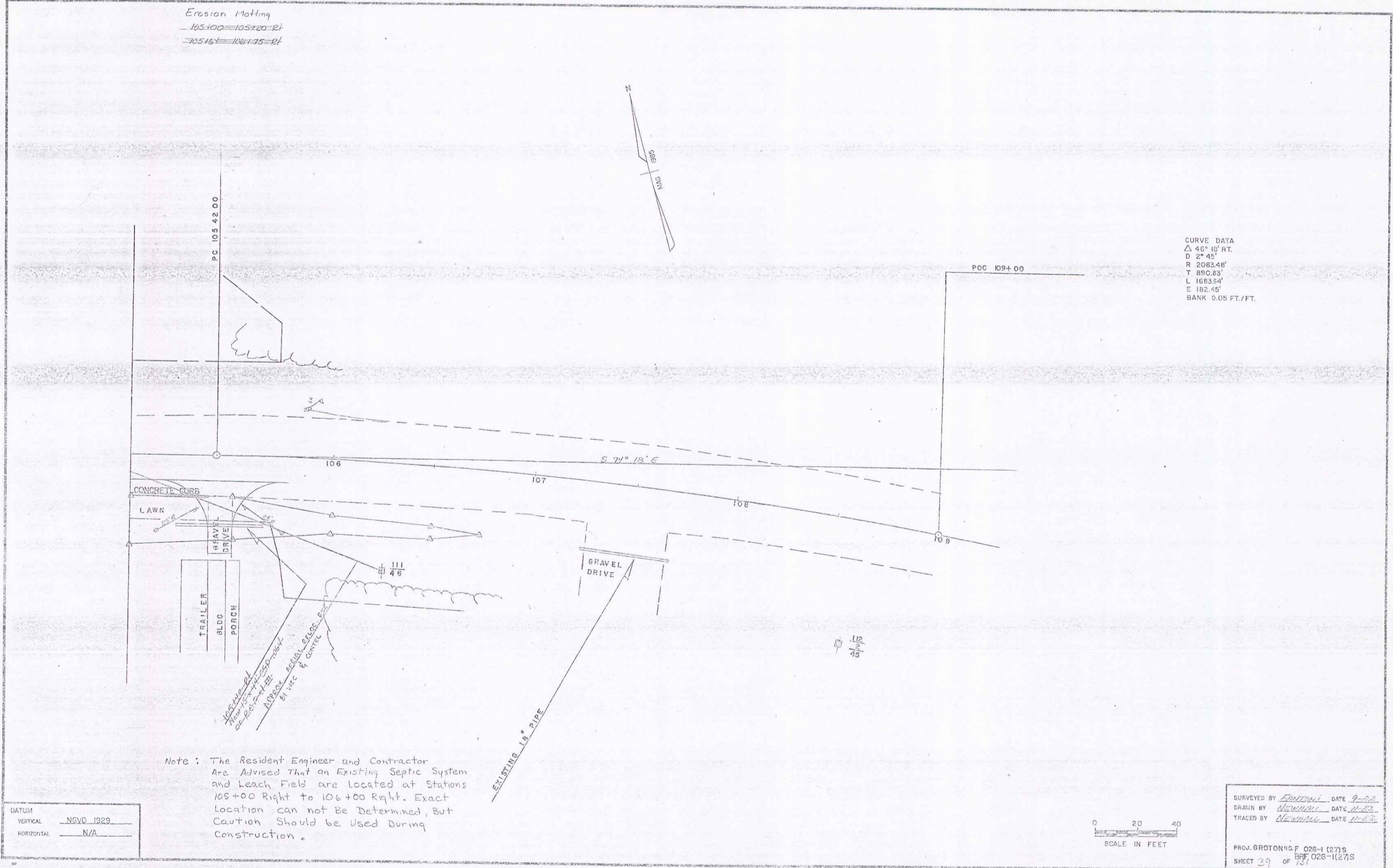
JAN 8 1993

26

Erosion Matting
 -105+00=105+20-Rt
 -105+16=106+75-Rt



CURVE DATA
 Δ 46° 15' RT.
 D 2° 45'
 R 2083.48'
 T 890.83'
 L 1683.54'
 E 182.45'
 BANK 0.05 FT./FT.



Note: The Resident Engineer and Contractor
 Are Advised That an Existing Septic System
 and Leach Field are Located at Stations
 105+00 Right to 106+00 Right. Exact
 Location can not Be Determined, But
 Caution Should be Used During
 Construction.

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A

0 20 40
 SCALE IN FEET

SURVEYED BY Epstein DATE 9-82
 DRAWN BY Neuman DATE 11-82
 TRACED BY Neuman DATE 11-82
 PROJ. GROTON NO. F 026-1 (27) S
 SHEET 29 of 131

JAN 8 1993 27