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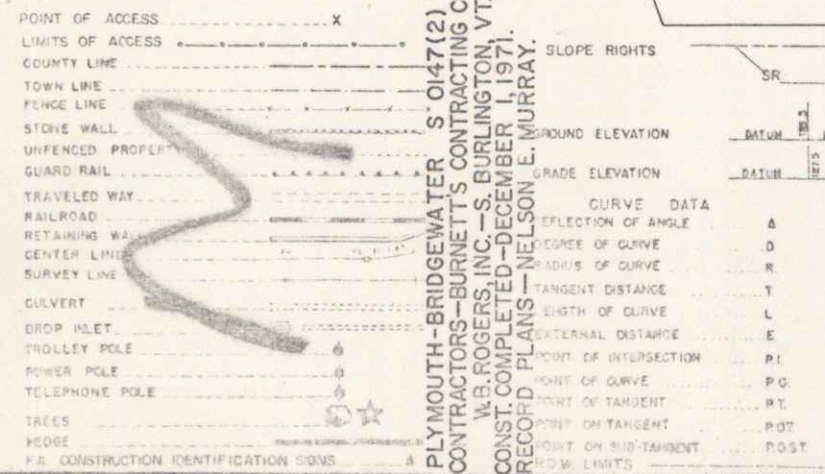
RECORD PLANS PAVEMENT AREA MATERIALS 57,923. S.Y.

SUBBASE OF SAND-COOLIDGE PIT-PLYMOUTH NOTCH, VT.  
 SUBBASE OF CRUSHED GRAVEL COURSE GRADED & GRAVEL  
 BACKFILL-HILL PIT-PLYMOUTH NOTCH, VT.  
 PLANT MIXED BASE COURSE & BITUMINOUS CONCRETE-L.M.  
 PIKE PLANT-W. LEBANON, N.H.  
 CONCRETE CLASS B-J.P. CARRARA-N. CLARENDON, VT.  
 REINFORCING STEEL-BANCOFT & MARTIN, INC.-S. PORTLAND, ME.  
 METAL CULVERT PIPE-NORTHEASTERN CULVERT CORP.-  
 WESTMINSTER, VT.  
 REINF. CONCRETE PIPE, PREC. R.C.C.D.I., GUARD RAIL & EROSION  
 CONTROL ITEMS-S.T. GRISWOLD & CO., INC.-WILKINSON, VT.  
 CAST IRON GRATES-E.L.L.F. BARON-BROCKTON, MA. BEGIN PROJECT 50147(2)  
 WATER TUBE-CERRO COPPER & BRASS-E. ST. LOUIS, ILL.

CONTRACTOR:  
 BURNETTS CONTRACTING CO., INC. &  
 W.B. ROGERS, INC.-S. BURLINGTON, VT.  
 RESIDENT ENGINEER-PHILIP M. PLUMB.  
 INSPECTORS-R.W. JENSEN, N.E. BLANCHARD, R.A.  
 STEVENS, P. NICHOLSON & D. OAKLAND.  
 RECORD PLANS-NELSON E. MURRAY.

BENCH MARKS BASED ON U.S.G.S. ELEVATIONS

CONVENTIONAL SIGNS



STATE OF VERMONT  
 DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

FEDERAL AID SECONDARY PROJECT

TOWNS OF  
 PLYMOUTH AND BRIDGEWATER

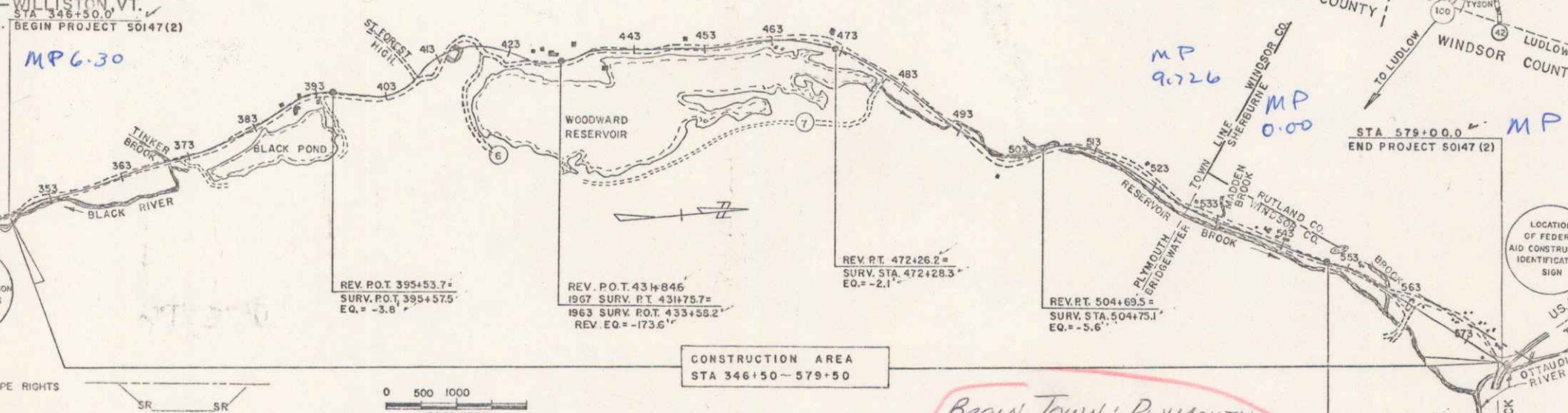
COUNTY OF WINDSOR

VERMONT ROUTE # 100

LUDLOW - WEST BRIDGEWATER ROAD

BEGINNING AT A POINT APPROXIMATELY 3.4H MI. SOUTHERLY OF THE PLYMOUTH-BRIDGEWATER TOWN LINE AND EXTENDING NORTHERLY 43669 FEET  
 LENGTH OF PROJECT 23,057.1 FEET = 43.669 MILES

CONTRACT DATED-MAY 25, 1971.  
 STARTED-MAY 26, 1971.  
 COMPLETED-DECEMBER 1, 1971.  
 ACCEPTED-DECEMBER 1, 1971.



CONSTRUCTION AREA  
 STA 346+50 - 579+50

1970	ADT=450
1990	ADT=910
1990	DHV=200
D	62%
T	5%
V	40

APPROVED: [Signature] DIRECTOR  
 DATE: 6/25/69

APPROVED: [Signature] SECONDARY ENGINEER  
 DATE: April 14, 1969

APPROVED: [Signature] DATE: April 14, 1969

APPROVED: [Signature] DATE: 4/14/69

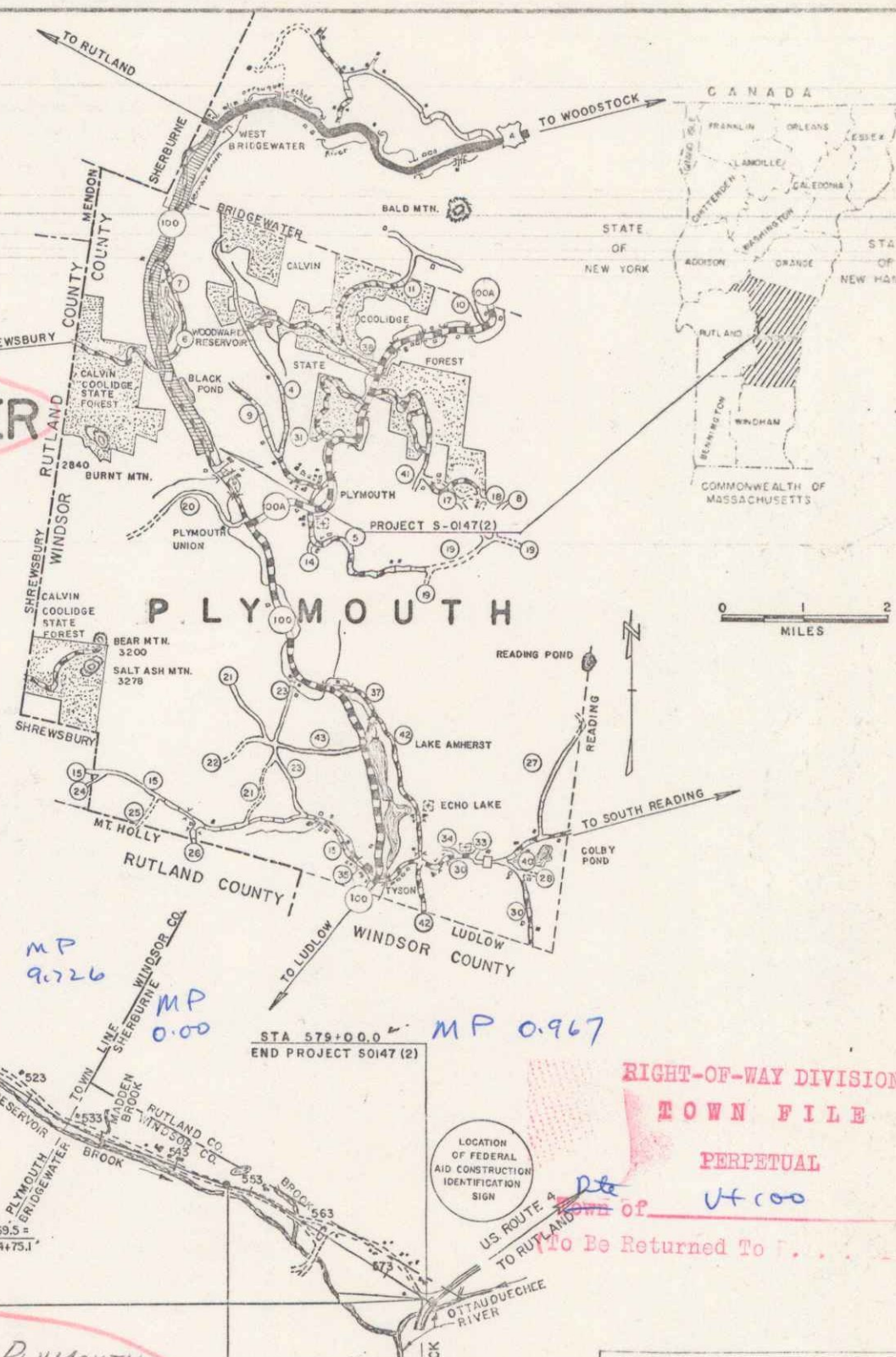
APPROVED: [Signature] DATE: 4/14/69

APPROVED: [Signature] DATE: 4/14/69

APPROVED: [Signature] DATE: 6/25/69

APPROVED: [Signature] DATE: 6/25/69

Begin Town: PLYMOUTH  
 End Town: BRIDGEWATER  
 DATE: 06/25/1969  
 PIN: 6CR616



RIGHT-OF-WAY DIVISION  
 TOWN FILE  
 PERPETUAL  
 U+100

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.

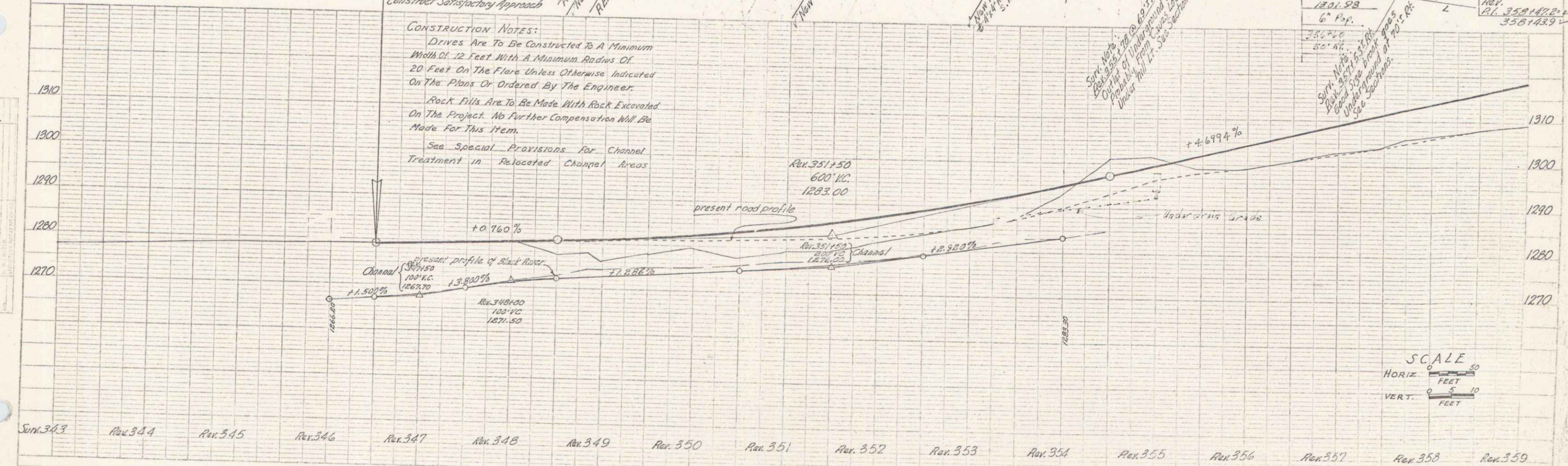
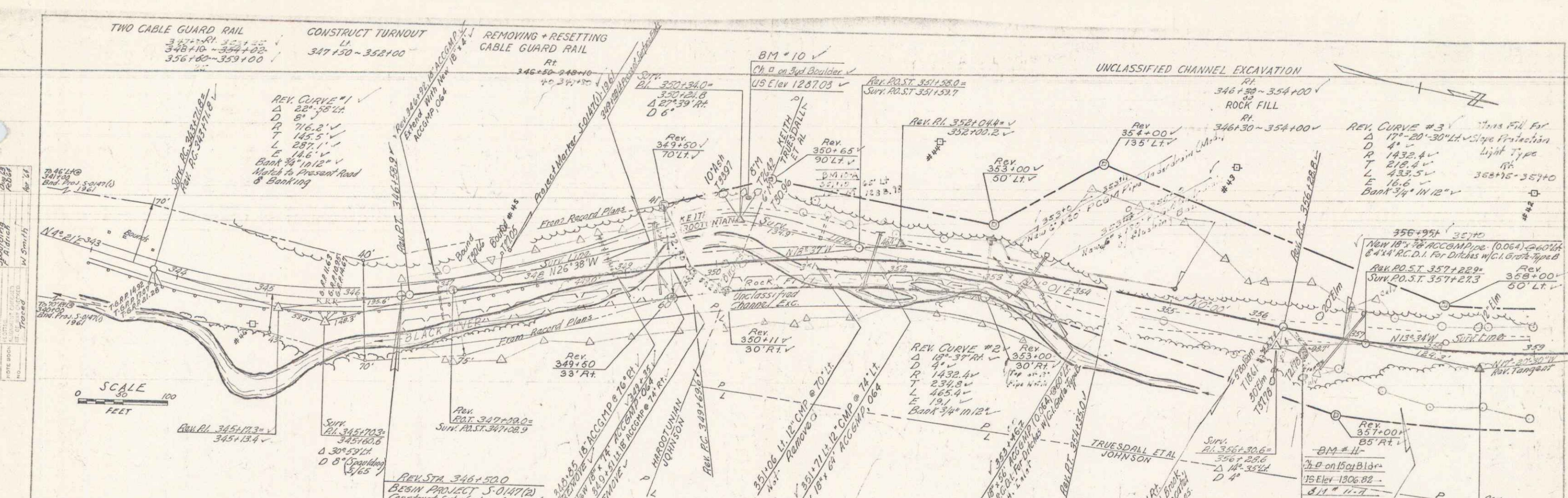
DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED: [Signature] DATE: [Blank]

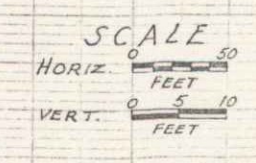
PROJECT: S 0147(2)

SHEET 1 OF 175 SHEETS





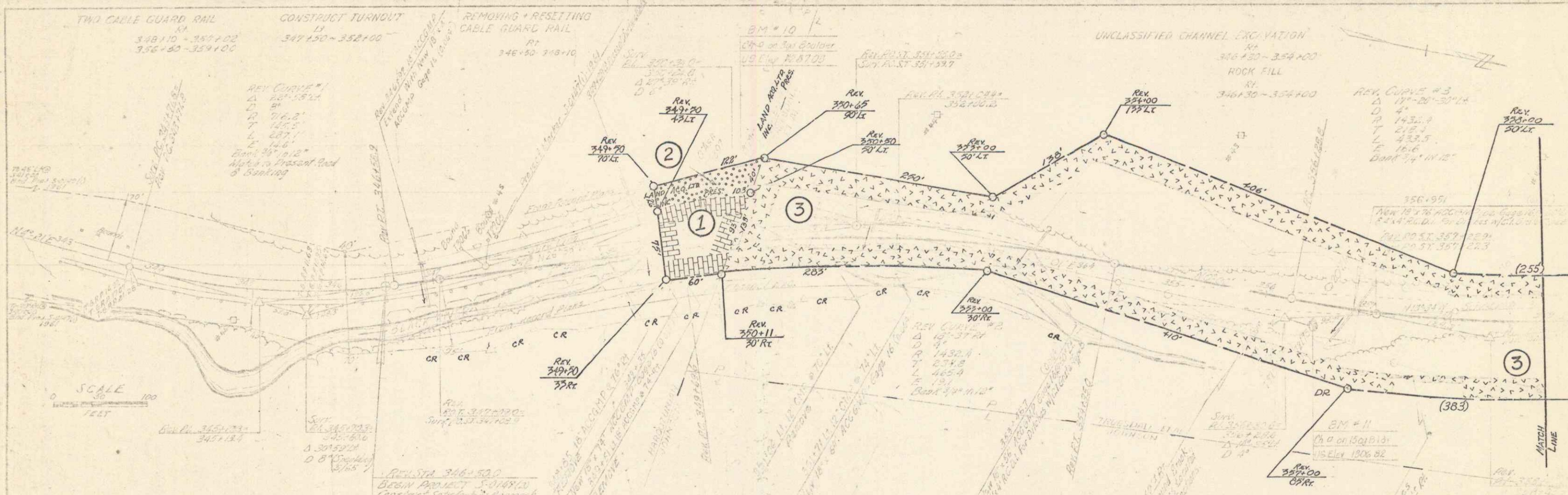
**CONSTRUCTION NOTES:**  
 Drives Are To Be Constructed To A Minimum Width Of 12 Feet With A Minimum Radius Of 20 Feet On The Flare Unless Otherwise Indicated On The Plans Or Ordered By The Engineer.  
 Rock Fills Are To Be Made With Rock Excavated On The Project. No Further Compensation Will Be Made For This Item.  
 See Special Provisions For Channel Treatment In Relocated Channel Areas



Sta. 343    Rev. 344    Rev. 345    Rev. 346    Rev. 347    Rev. 348    Rev. 349    Rev. 350    Rev. 351    Rev. 352    Rev. 353    Rev. 354    Rev. 355    Rev. 356    Rev. 357    Rev. 358    Rev. 359

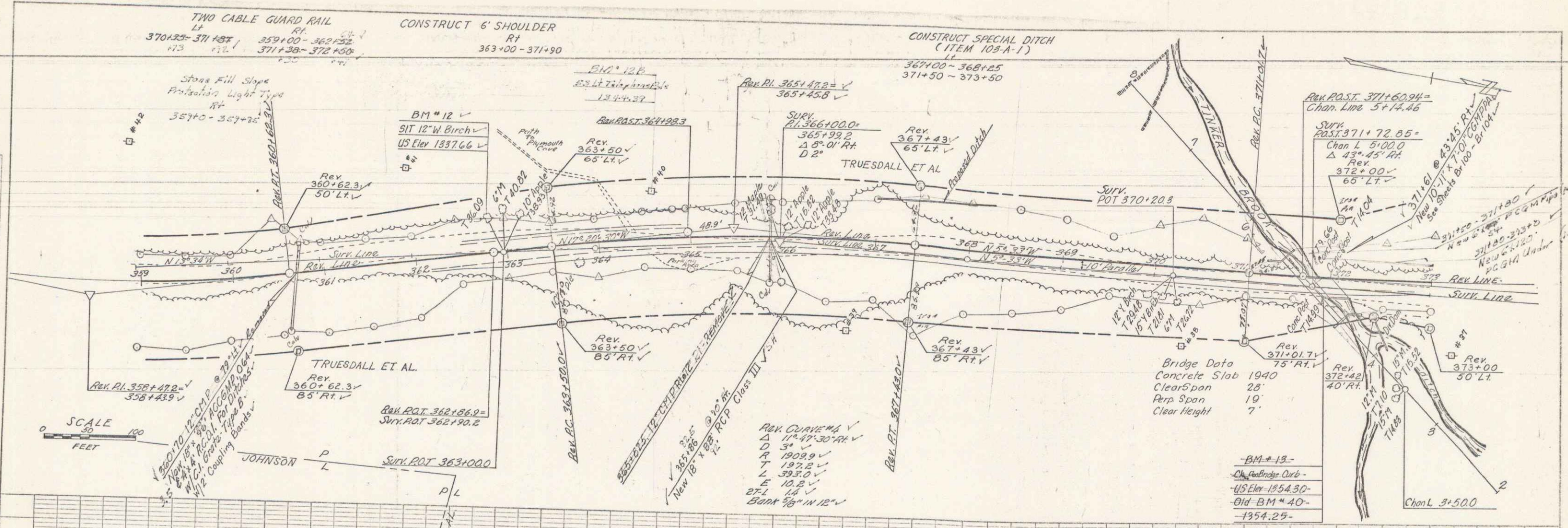
PLYMOUTH BRIDGE WATER PROJECT N° J-7-20 Sheet 16 of 175 sheets

POOR ORIGINAL COPY

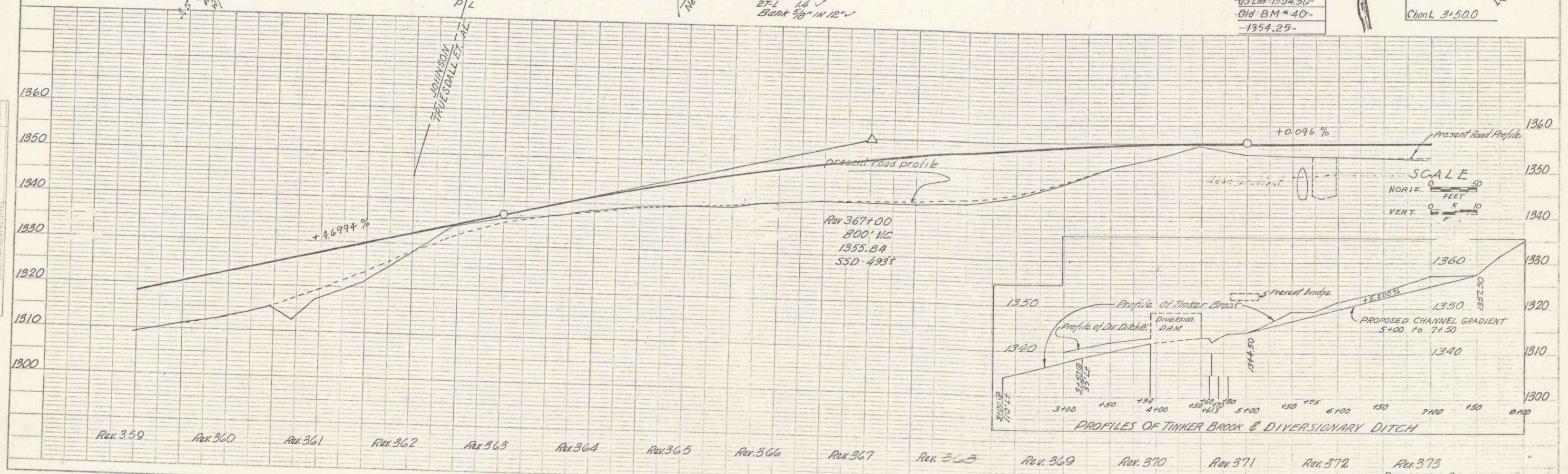


1310	
1300	
1290	
1280	
1270	

PLM  
 TRACY  
 M. Smith  
 4/22



SCALE  
 0 50 100  
 FEET



PROFILES OF TINKER BROOK & DIVERSIONARY DITCH

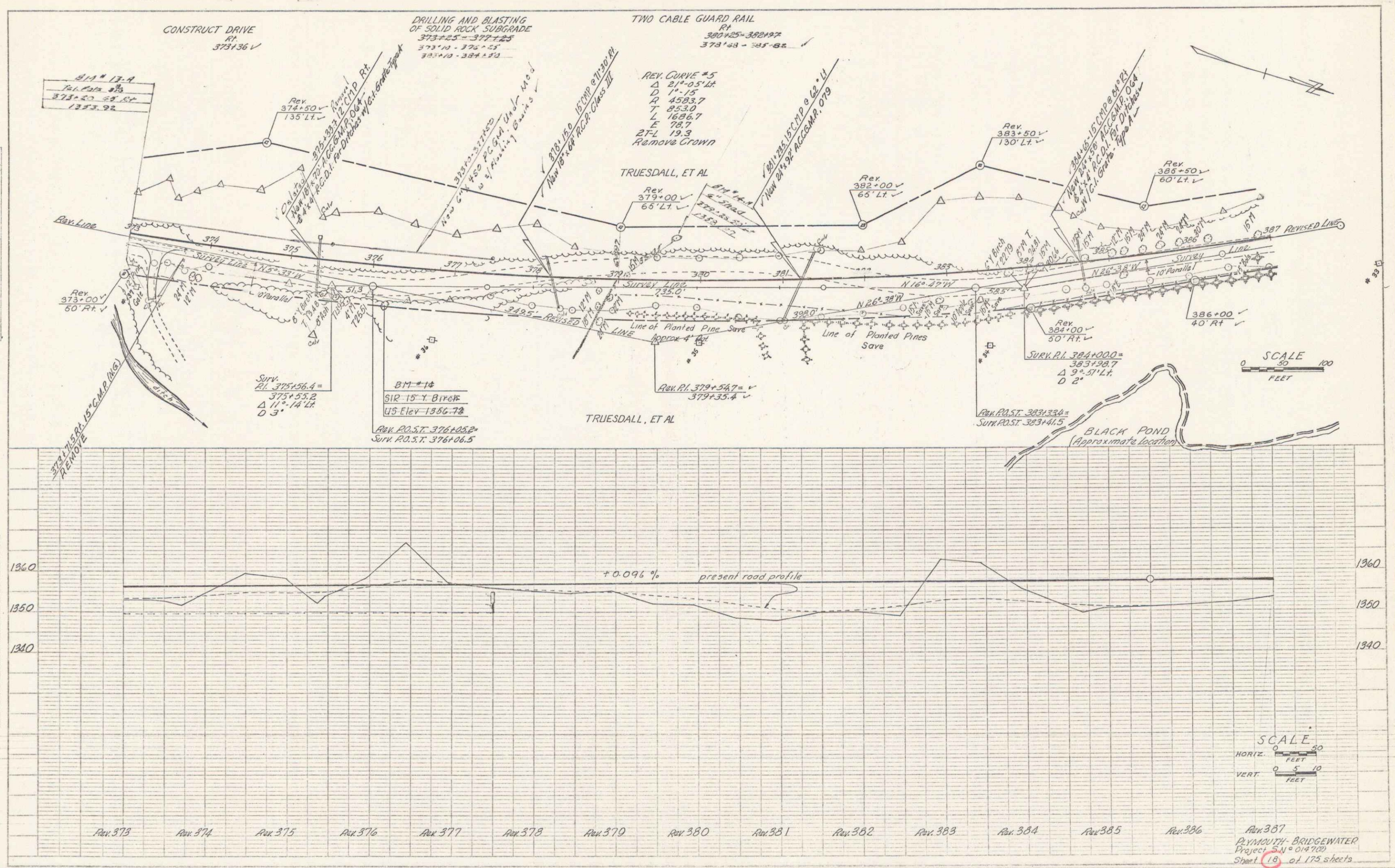
Rev. 359    Rev. 360    Rev. 361    Rev. 362    Rev. 363    Rev. 364    Rev. 365    Rev. 366    Rev. 367    Rev. 368    Rev. 369    Rev. 370    Rev. 371    Rev. 372    Rev. 373

PLYMOUTH-BRIDGEMOUTH  
 PROJECT S.N. 0147/2  
 SHEET 17 of 135 sheets

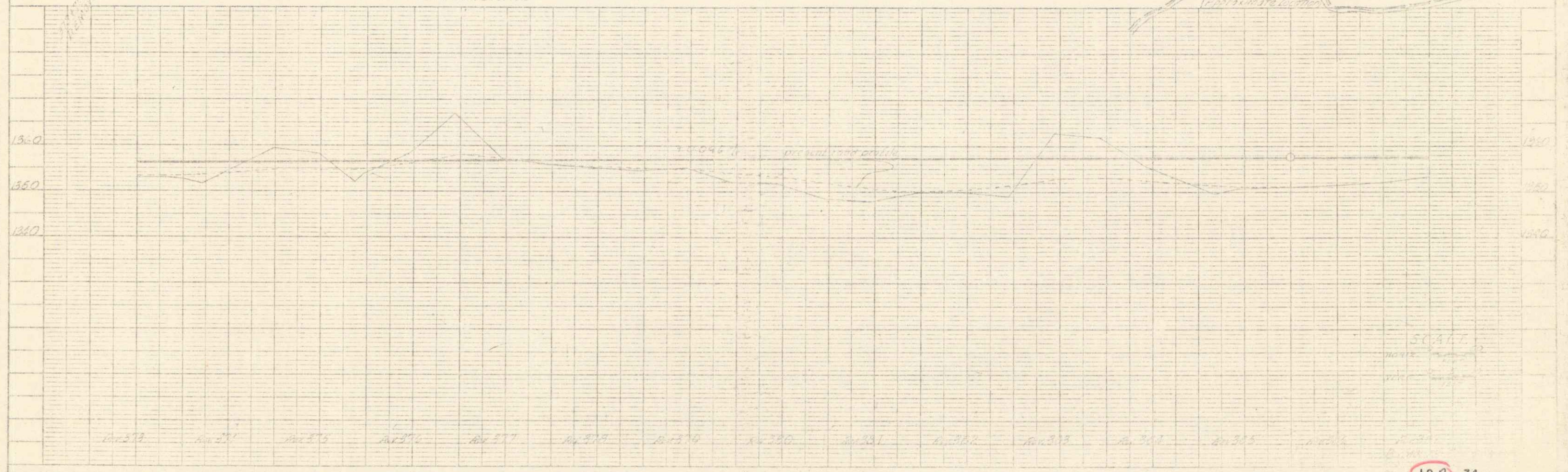
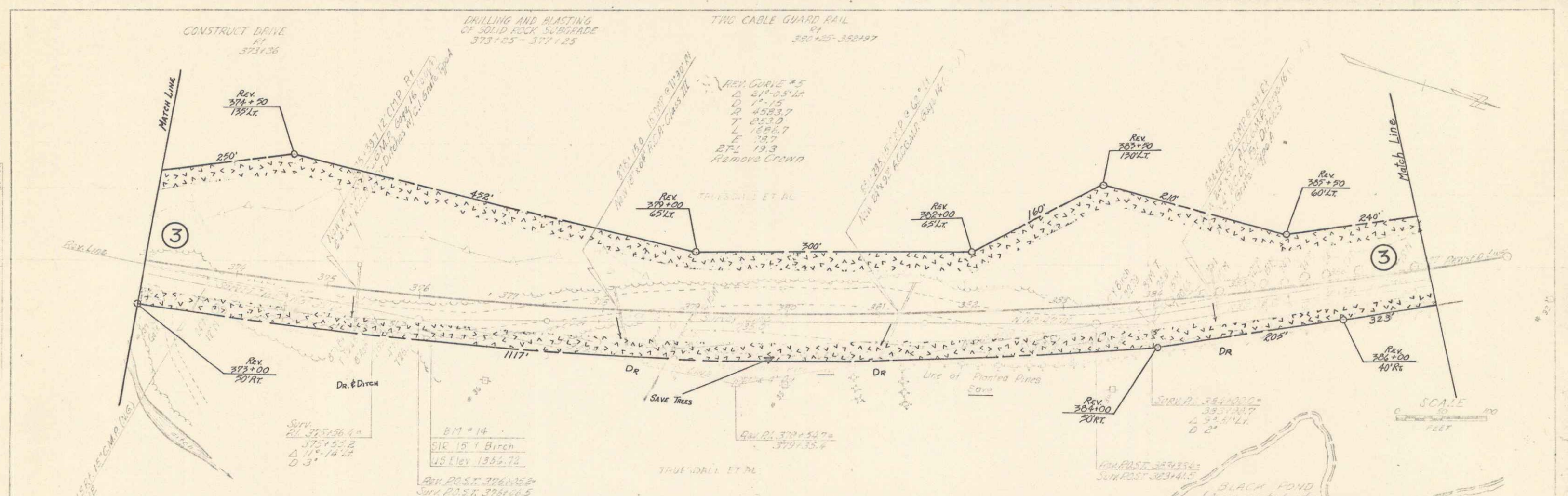


PLAN  
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 CHECKED BY: [Signature]  
 DATE: [Date]

FILE  
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 CHECKED BY: [Signature]  
 DATE: [Date]

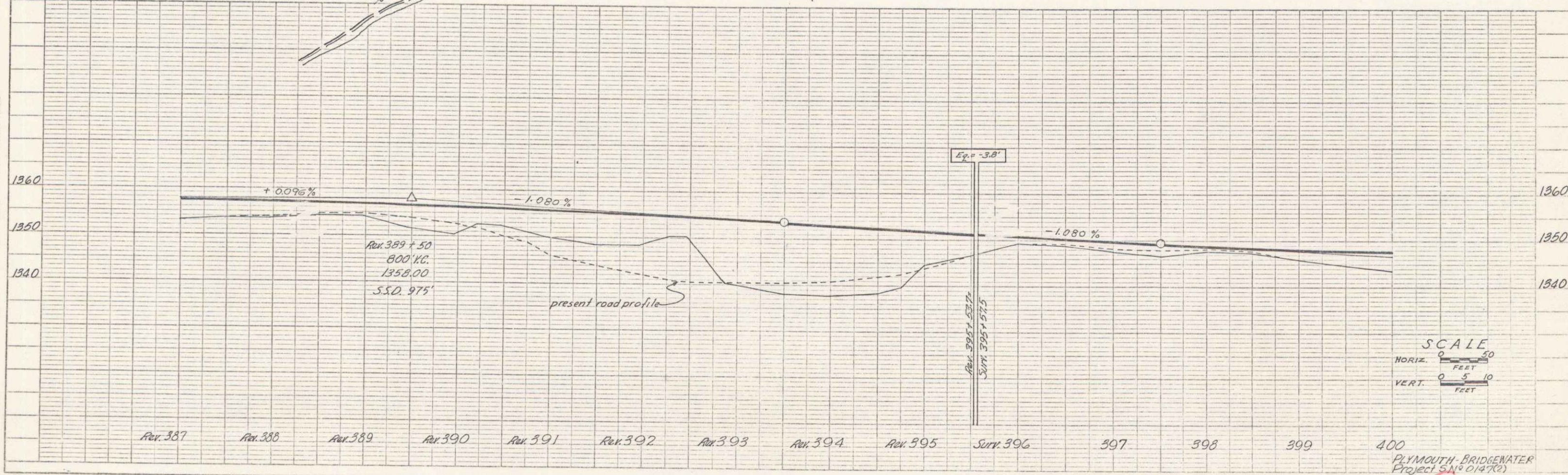
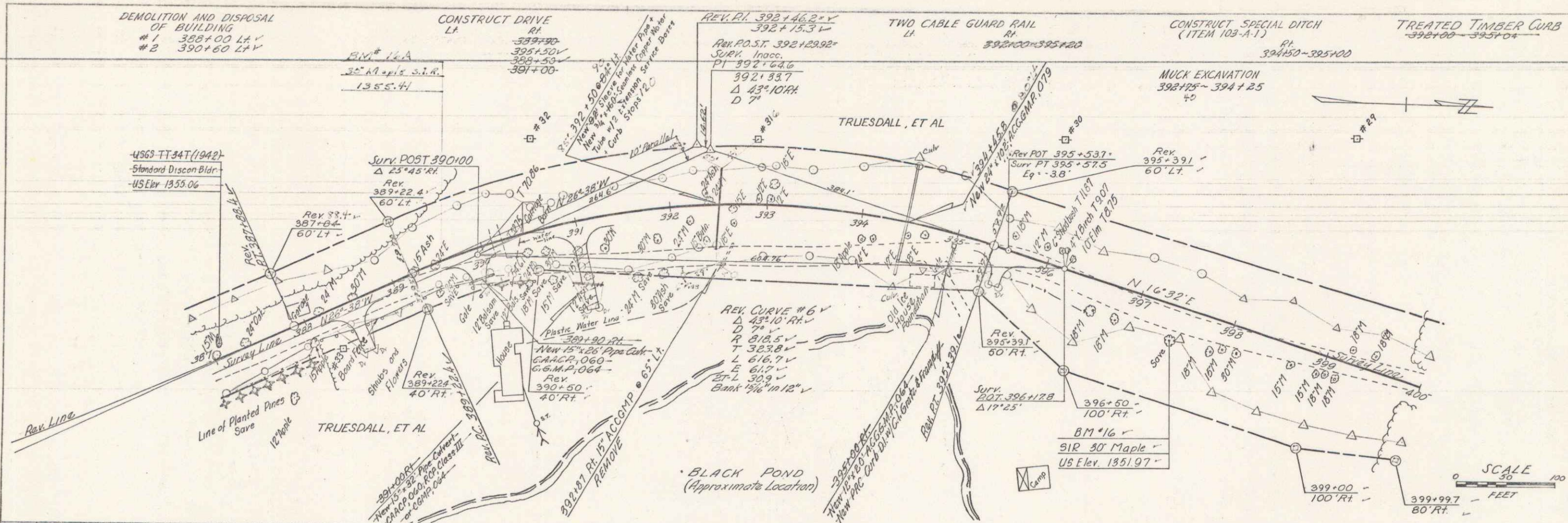


Rev. 387  
 PLYMOUTH BRIDGEWATER  
 Project 5-N-014700  
 Sheet 18 of 175 sheets



PLAN  
 DATE  
 DRAWN BY  
 CHECKED BY

PROF.  
 DATE  
 DRAWN BY  
 CHECKED BY



PLAN  
 DATE: 1955  
 DRAWN BY: W. Smith  
 CHECKED BY: W. Smith  
 NO. 100

PROFILE  
 DATE: 1955  
 DRAWN BY: W. Smith  
 CHECKED BY: W. Smith  
 NO. 100

PLATE 1, PLAN PROFILE  
 1955

DEMOLITION AND DISPOSAL  
OF BUILDING  
#1 350+00 LA  
#2 350+00 LA

CONSTRUCT DRIVE  
1  
390+69 393+30  
2  
395+50

REV. AL 392+46.2  
392+15.3  
REV. POST 392+29.32  
SURV. INACC.  
PI 392+64.6  
Δ 43°10'RA  
D 71'

TWO CABLE GUARD RAIL  
392+00-395+20

CONSTRUCT SPECIAL DITCH  
(ITEM 103-A1)  
394+50-395+00

TREATED TIMBER CURB  
394+50-395+00

MUCH EXCAVATION  
392+75-394+25

USGS 1134T(1942)  
Standard Ditch Blk  
US Elev 1355.06

Survey POST 290+00  
25+45+00

REV. POST 395+53.7  
SURV. PI 395+57.5  
Eg -3.0

REV. CURVE #6  
Δ 43°10' RA  
D 71'  
T 35.28  
L 616.9  
E 617  
BT-L 309  
Bank 4.0' @ 12"

REV. 395+39.1  
50' RC

REV. 392+29.1  
60' RC

REV. 390+22.4  
40' RC

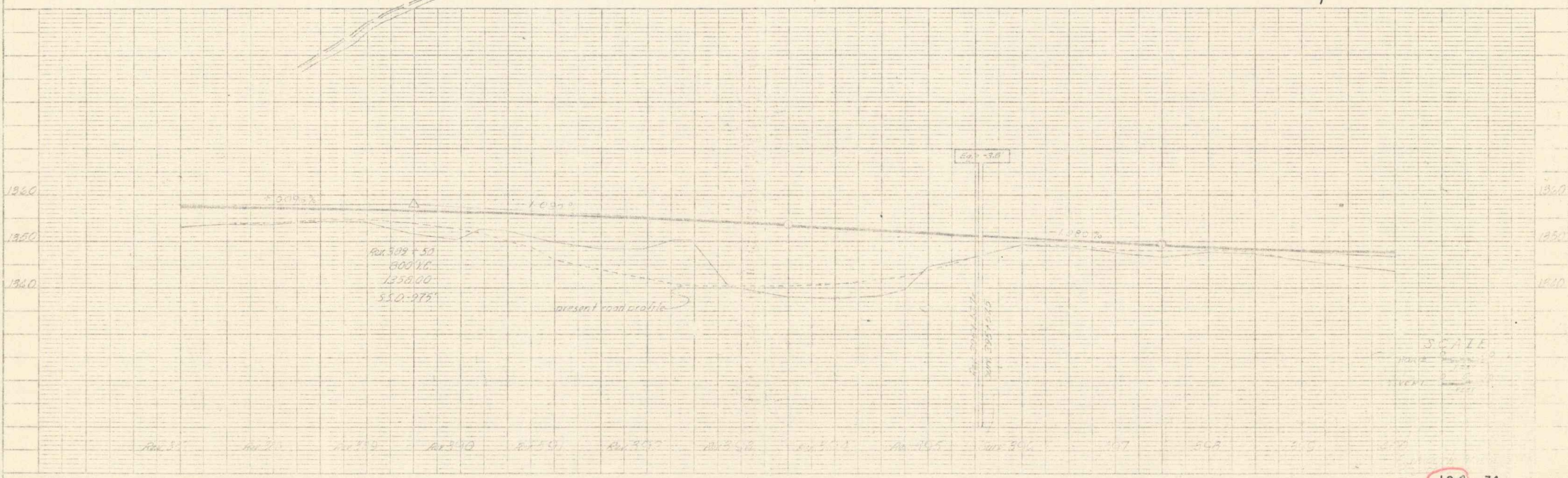
396+50  
100' RC

399+00  
100' RC

399+32.7  
80' RC

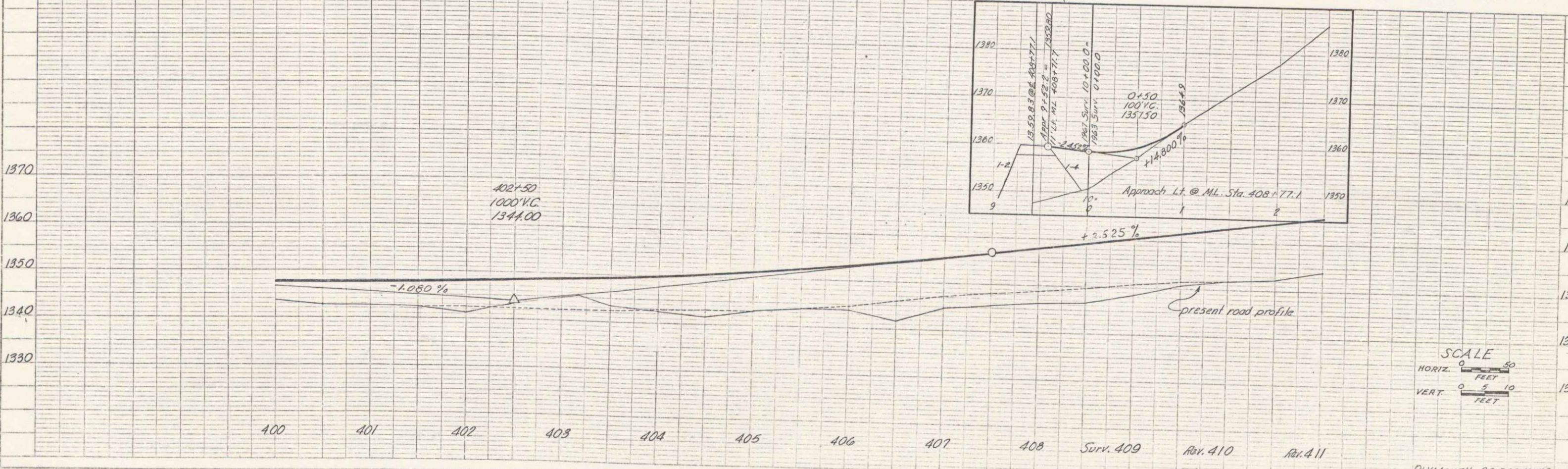
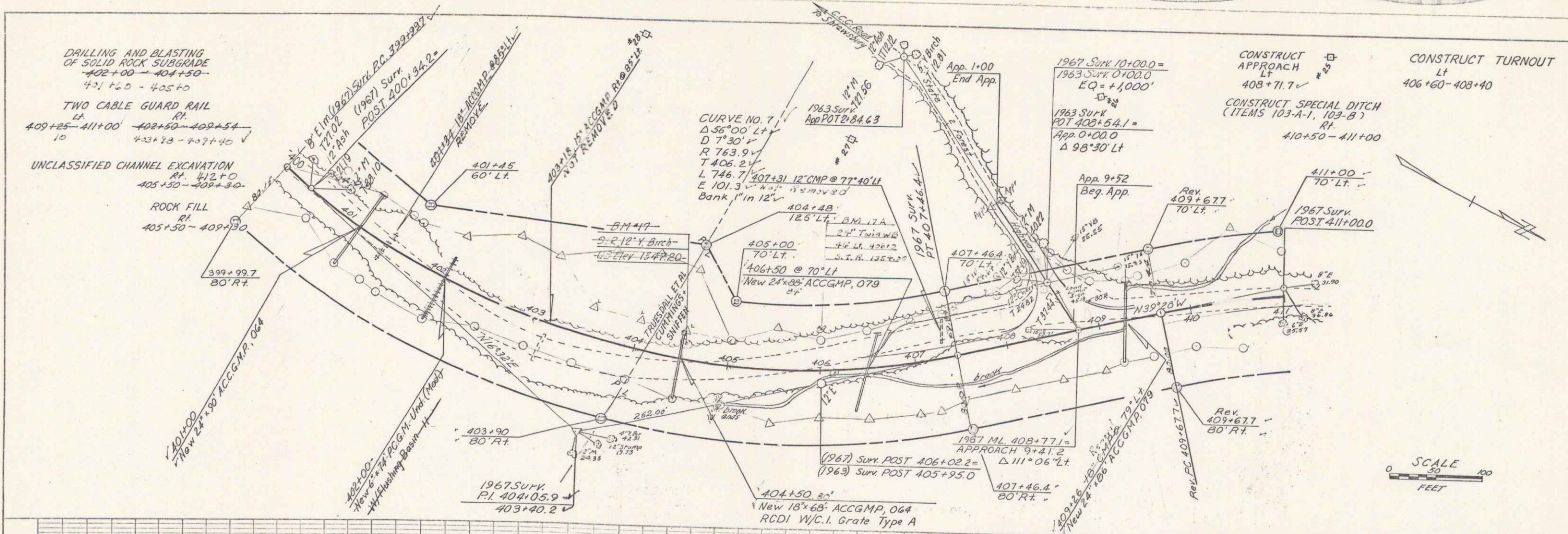
BLACK POND  
(Approximate location)

SCALE  
0 50 100  
FEET



PLAN  
 DATE: 10/1/67  
 DRAWN BY: J. Smith  
 CHECKED BY: J. Smith

FILE  
 PROJECT: PLYMOUTH BRIDGEWATER  
 SHEET: 20 of 175 sheets



PLYMOUTH BRIDGEWATER  
 Project 2-N-014(12)  
 Sheet 20 of 175 sheets





TWO CABLE GUARD RAIL  
L  
411+00 - 411+97  
R  
417+75 - 422+55

DRILLING AND BLASTING OF  
SOLID ROCK SUBGRADE  
L  
412+75 - 417+25  
R  
421+75 - 424+00

CONSTRUCT APPROACH  
L  
414+50  
R  
417+50

CONSTRUCT DRIVE  
R  
414+50

UNCLASSIFIED CHANNEL EXCAVATION  
L  
421+04 - 421+18  
R  
420+84 - 420+70

STONE FILL FOR SLOPE PROTECTION LIGHT TYPE  
L  
420+55 - 421+75  
R

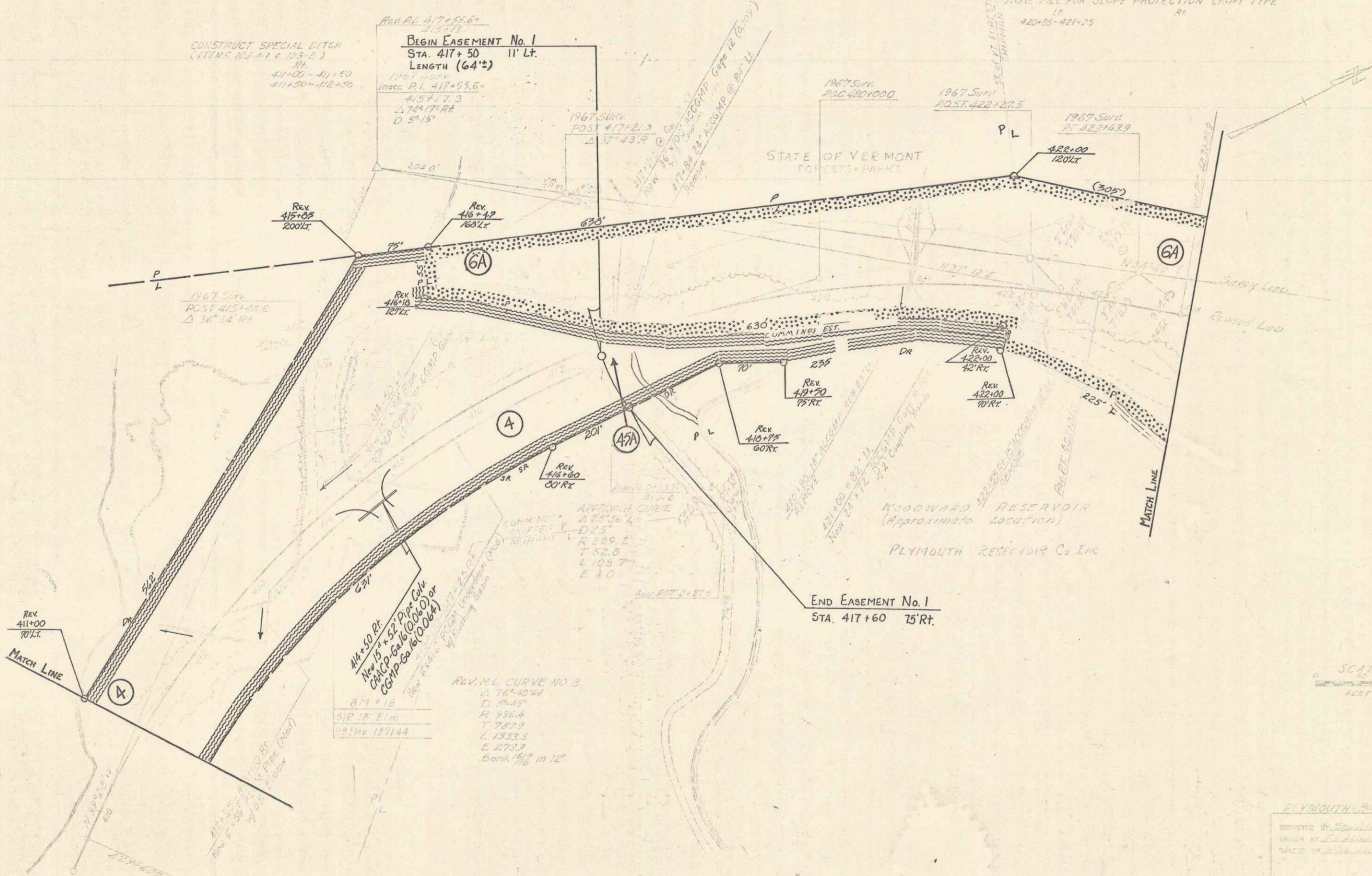
CONSTRUCT SPECIAL DITCH  
(ITEMS 103-A1 & 103-B)

BEGIN EASEMENT No. 1  
STA. 417+50 11' LT.  
LENGTH (64'±)

STATE OF VERMONT  
FORESTS-PARKS

WOODWARD RESERVOIR  
(Approximate Location)  
PLYMOUTH RESERVOIR Co. Inc.

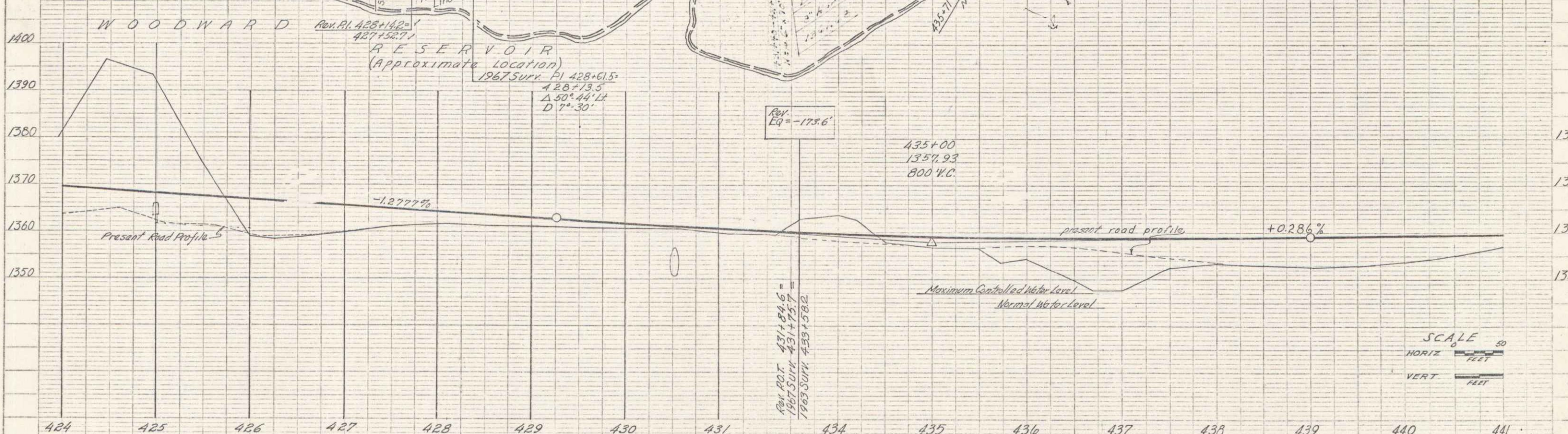
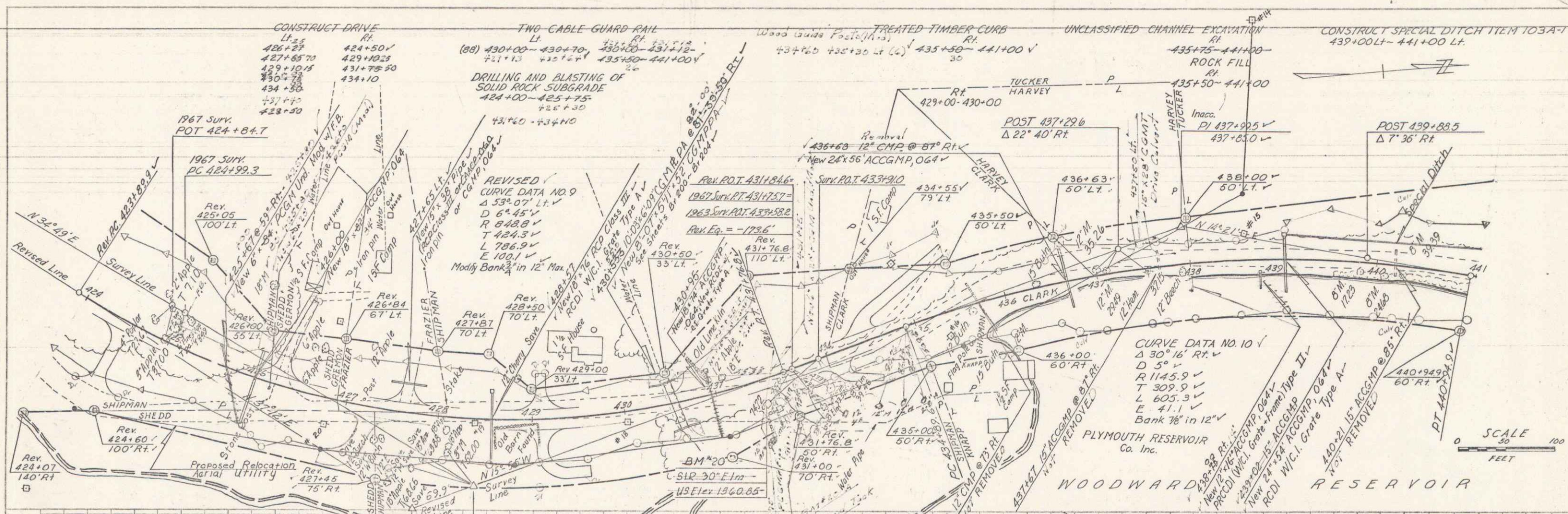
END EASEMENT No. 1  
STA. 417+60 75' RT.



SCALE  
1" = 40'  
FEET

21A 34

PLAN  
 1967 SURV. POT 424+84.7  
 1967 SURV. POT 424+99.3  
 1967 SURV. POT 431+75.7  
 1963 SURV. POT 433+582



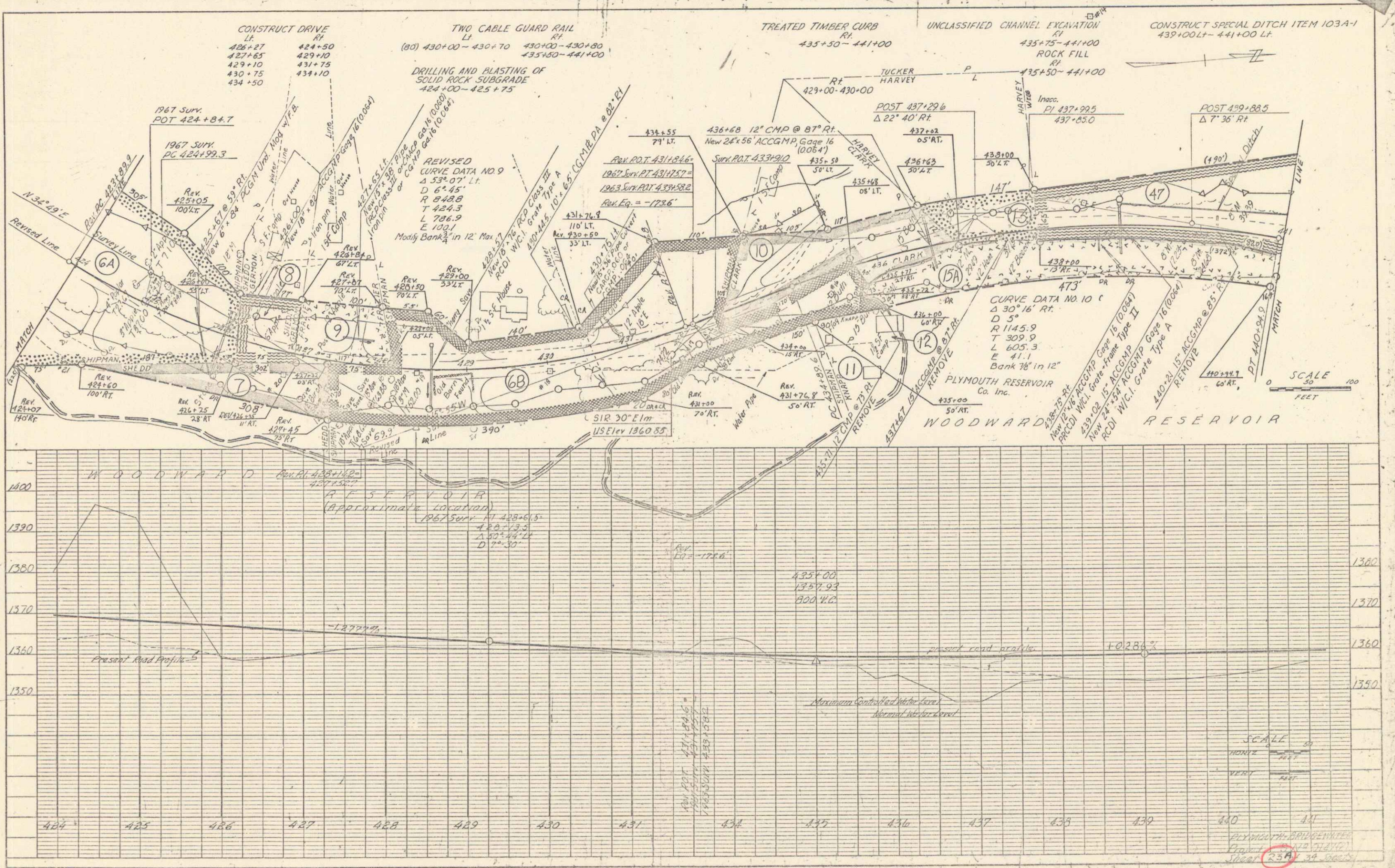
SCALE  
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 FEET

SCALE  
 50  
 HORIZ. FEET  
 VERT. FEET

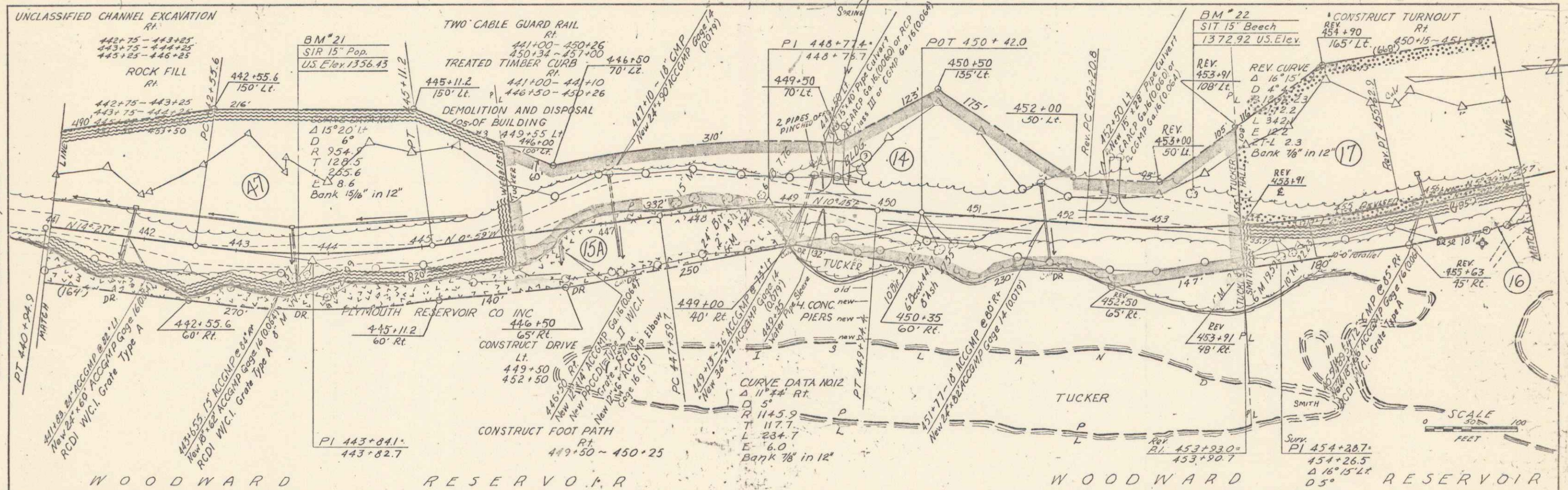
PLYMOUTH-BRIDGEMAN  
 Project S N° 0147(2)  
 Sheet 23 of 115 Sheets

PLAN  
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 CHECKED BY: R. L. / 1/24  
 DATE: 1/24

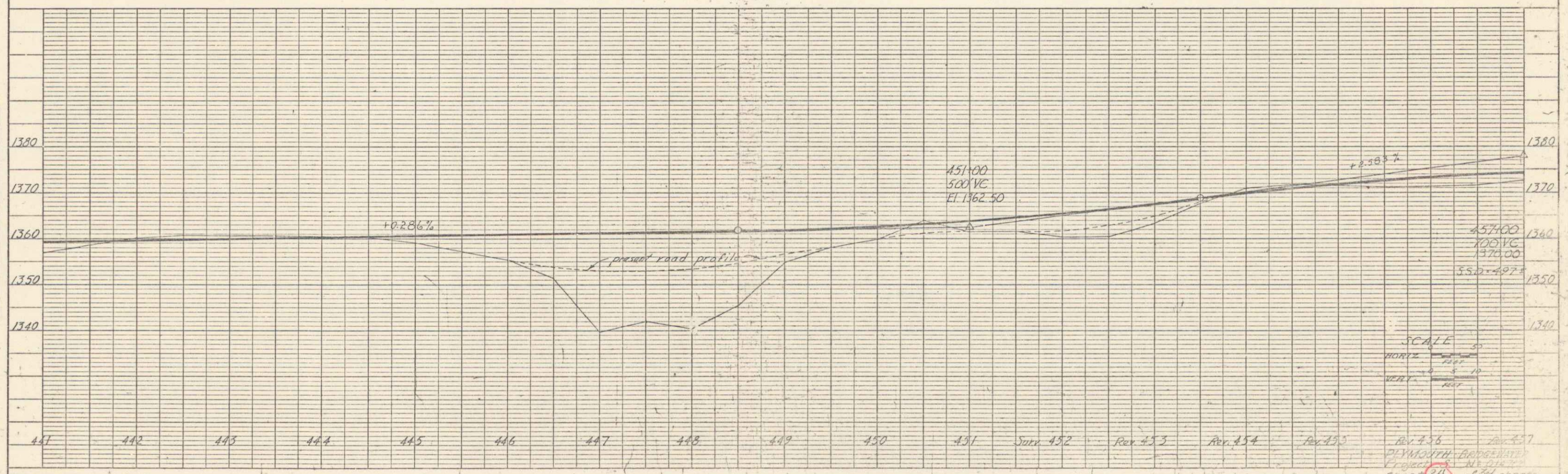
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 DRAWN BY: S. J. L. / 1/24  
 CHECKED BY: R. L. / 1/24  
 DATE: 1/24



PLAN  
 DRAWN BY: J. Murray  
 CHECKED BY: J. Murray  
 DATE: 1/25/57  
 PROJECT: WOODWARD RESERVOIR  
 SHEET NO. 17

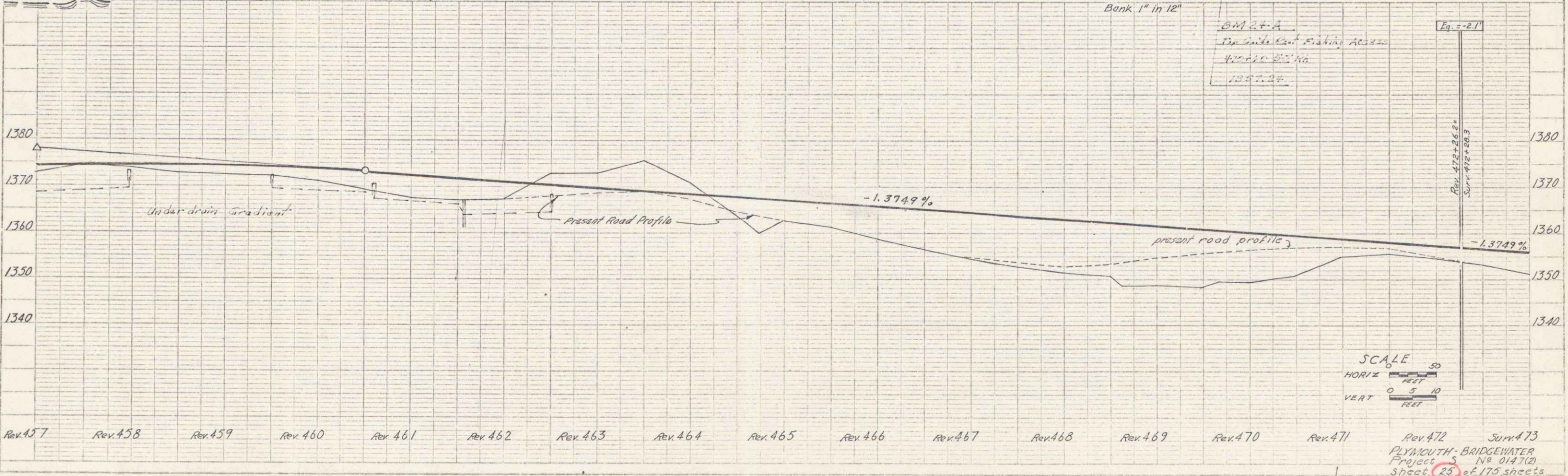
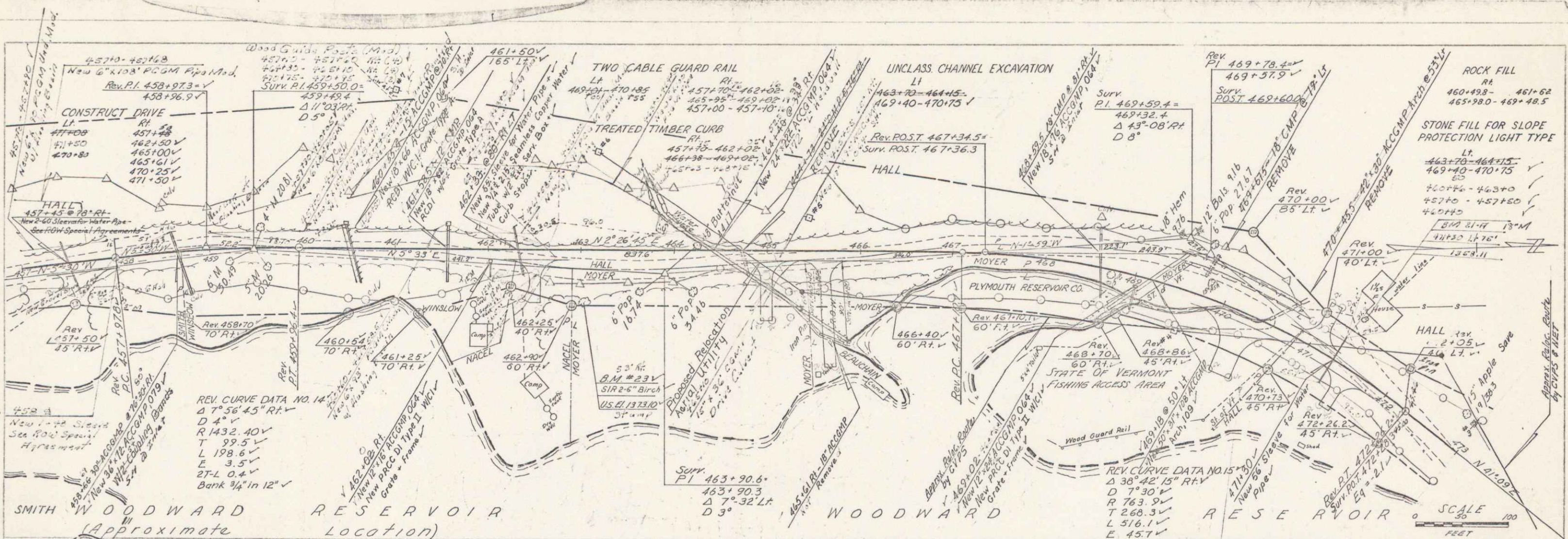


PROFILE  
 DRAWN BY: J. Murray  
 CHECKED BY: J. Murray  
 DATE: 1/25/57  
 PROJECT: WOODWARD RESERVOIR  
 SHEET NO. 17



PLAN  
S. Murray  
No. 15

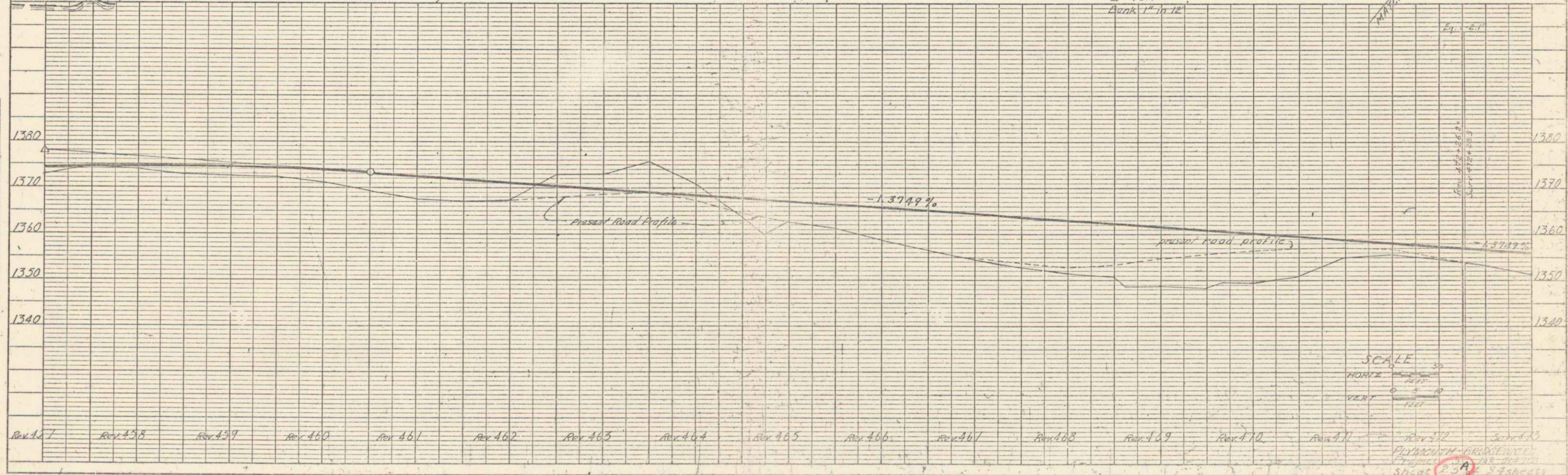
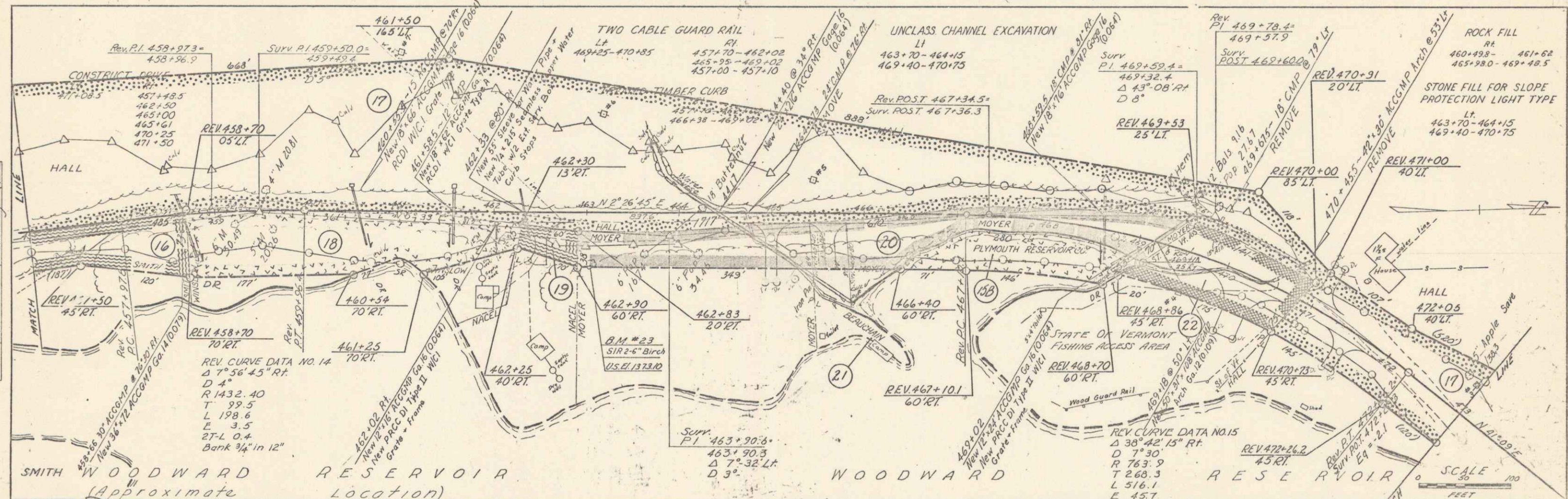
PLAN  
S. Murray  
No. 15



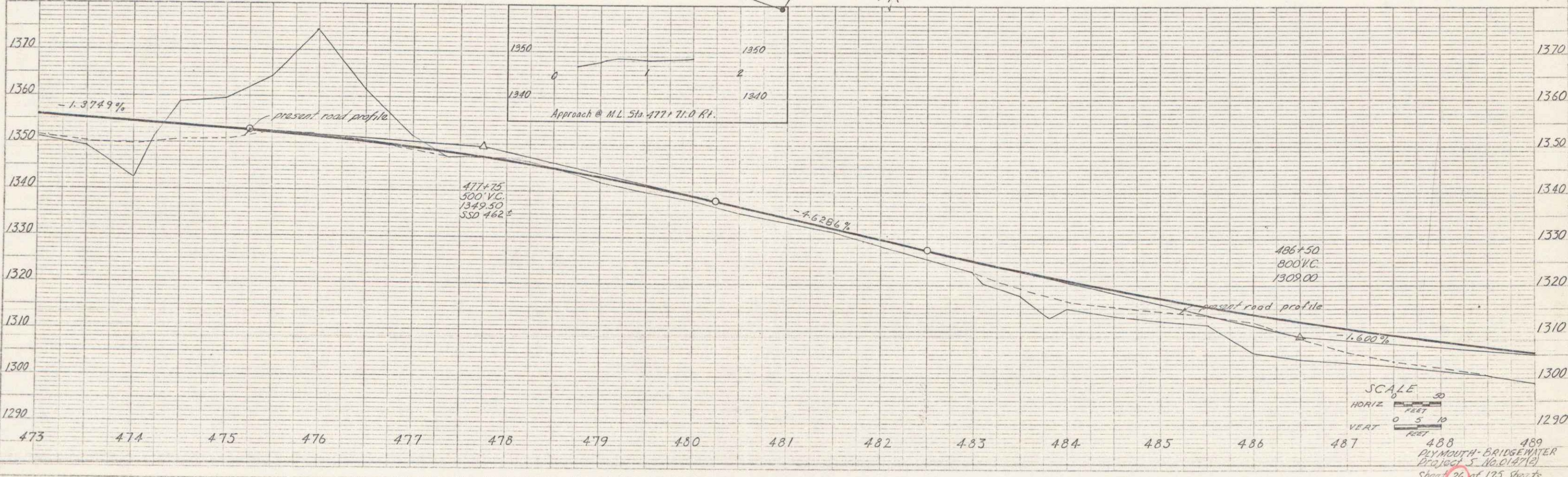
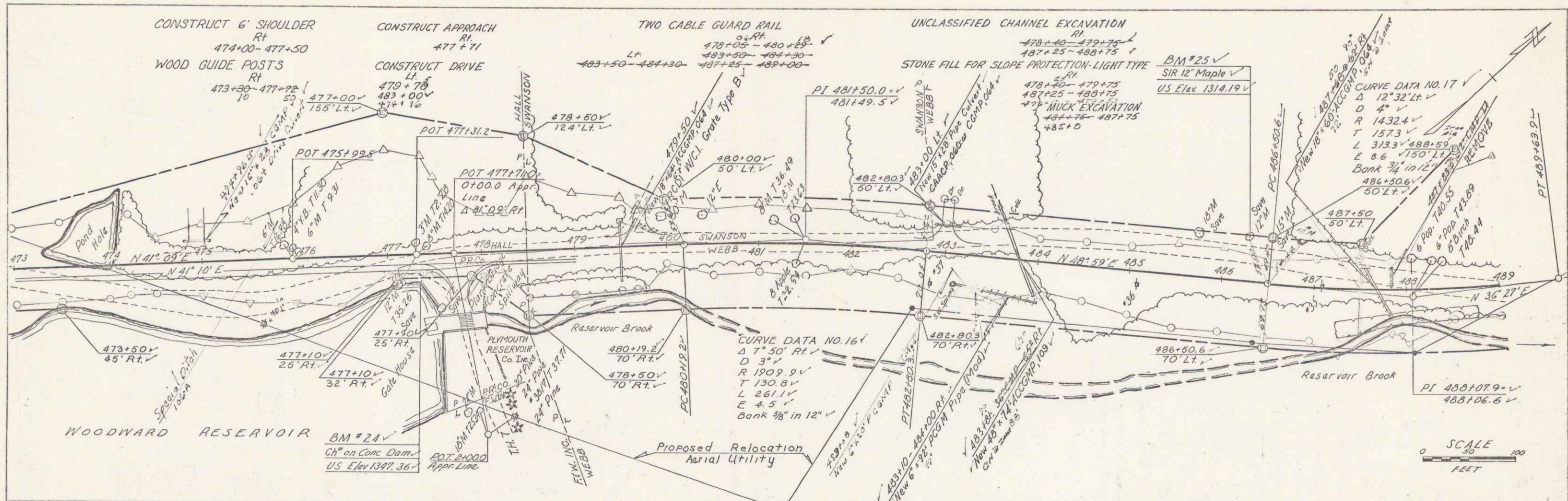
Rev. 457    Rev. 458    Rev. 459    Rev. 460    Rev. 461    Rev. 462    Rev. 463    Rev. 464    Rev. 465    Rev. 466    Rev. 467    Rev. 468    Rev. 469    Rev. 470    Rev. 471    Rev. 472    Sum 473

PLYMOUTH - BRIDGEWATER  
Project 5 N° 0147(2)  
Sheet 25 of 175 sheets

PLAN  
 DRAWN BY: S. MURPHY  
 CHECKED BY: S. MURPHY  
 DATE: 11/28/23  
 SHEET NO. 19



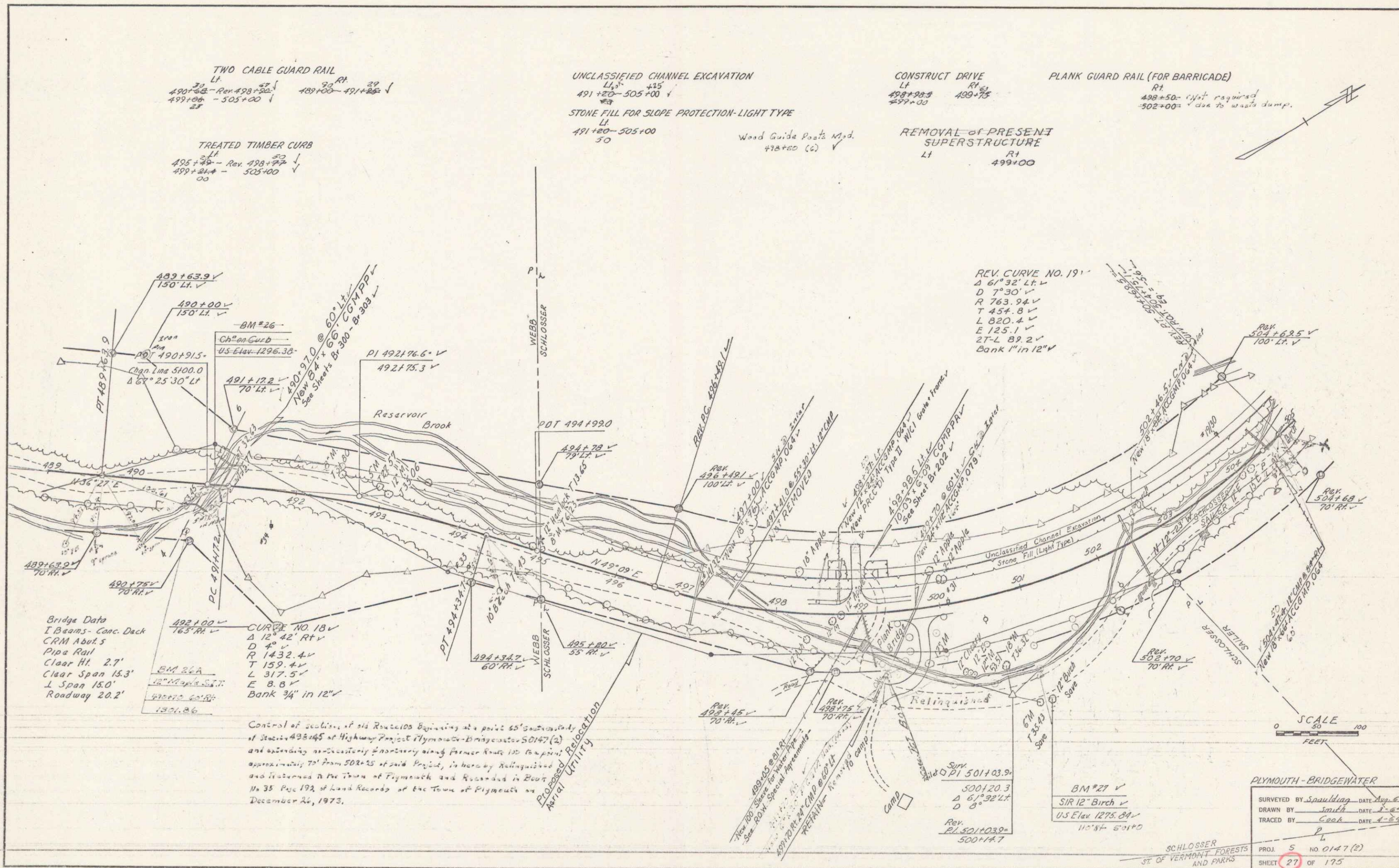
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 CHECKED BY: S. MURPHY  
 DATE: 11/28/23  
 SHEET NO. 19



PLAN  
 DATE 1/24/54  
 DRAWN BY [illegible]  
 CHECKED BY [illegible]

PROFILE  
 DATE 1/24/54  
 DRAWN BY [illegible]  
 CHECKED BY [illegible]





TWO CABLE GUARD RAIL  
 Lt Rt  
 490+50 - Rev 498+50  
 499+00 - 505+00

TREATED TIMBER CURB  
 Lt Rt  
 495+50 - Rev 498+50  
 499+00 - 505+00

UNCLASSIFIED CHANNEL EXCAVATION  
 Lt Rt  
 491+50 - 505+00

STONE FILL FOR SLOPE PROTECTION-LIGHT TYPE  
 Lt  
 491+50 - 505+00

CONSTRUCT DRIVE  
 Lt Rt  
 498+50 499+75  
 499+00

PLANK GUARD RAIL (FOR BARRICADE)  
 Lt Rt  
 498+50 - Not required  
 502+00 - due to waste dump.

REMOVAL OF PRESENT SUPERSTRUCTURE  
 Lt Rt  
 499+00

Bridge Data  
 I Beams - Conc. Deck  
 CRM Abut. 5  
 Pipe Rail  
 Clear Ht. 2.7'  
 Clear Span 15.3'  
 I Span 15.0'  
 Roadway 20.2'

CURVE NO. 13  
 Δ 12° 42' Rt  
 D 4'  
 R 1432.4'  
 T 159.4'  
 L 317.5'  
 E 8.8'  
 Bank 3/4" in 12"

Control of section of old Route 100 beginning at point 65' south of station 498+45 of Highway Project Plymouth-Bridgewater 50147 (a) and extending westerly from station 498+45 to station 498+00 approximately 70' from 502+25 of said Project, is hereby Relinquished and returned to the Town of Plymouth and recorded in Book No. 35 Page 192 of Land Records of the Town of Plymouth on December 26, 1973.

REV. CURVE NO. 19  
 Δ 61° 32' Lt  
 D 7° 30'  
 R 763.94'  
 T 454.8'  
 L 820.4'  
 E 125.1'  
 27-L 89.2'  
 Bank 1" in 12"

SCALE  
 0 50 100  
 FEET

PLYMOUTH-BRIDGEGATER  
 SURVEYED BY Spaulding DATE Aug. 63  
 DRAWN BY Smith DATE 1-64  
 TRACED BY Cook DATE 4-64  
 PROJ. 5 NO. 0147 (2)  
 SHEET 27 OF 175

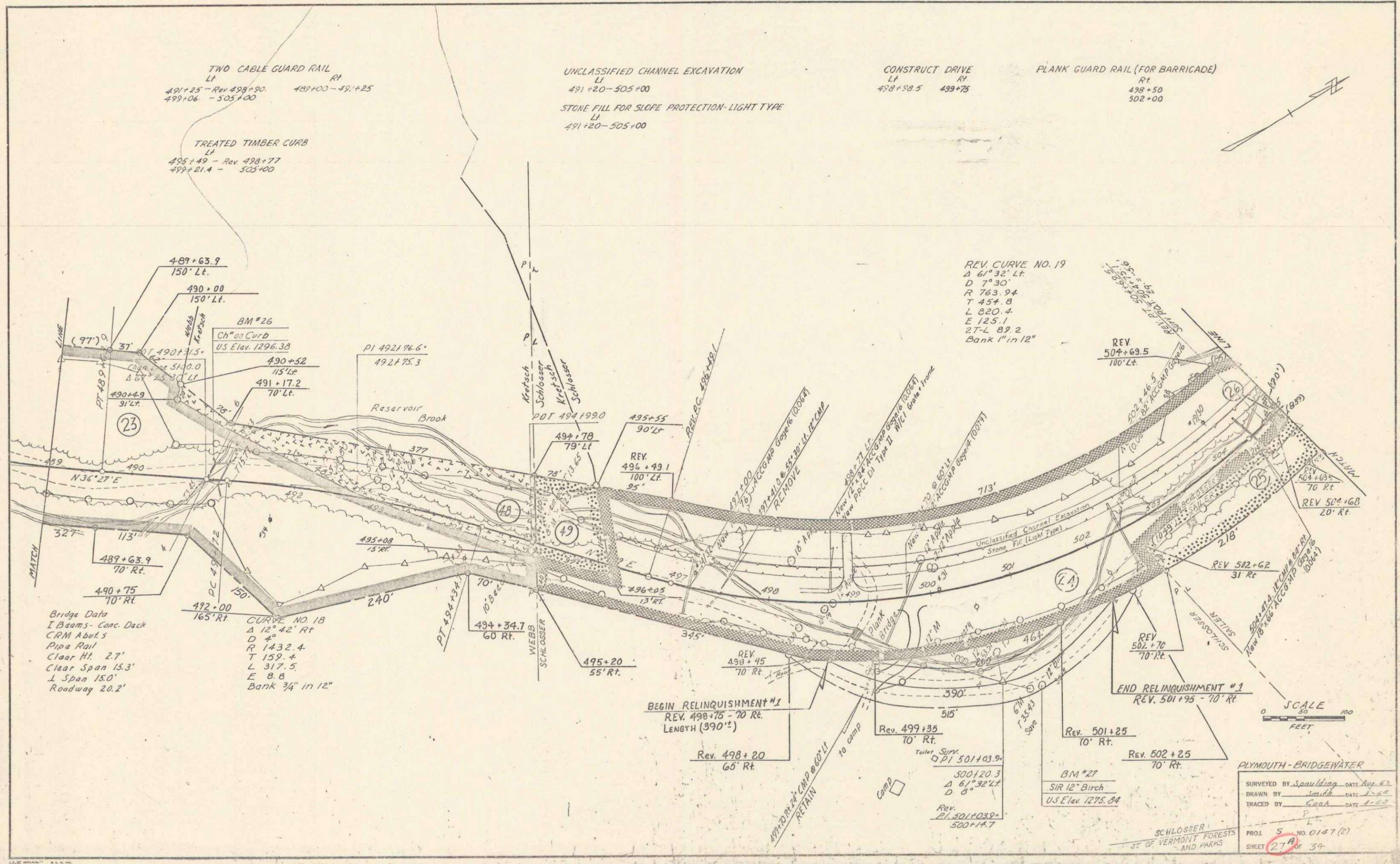
TWO CABLE GUARD RAIL  
 LT RT  
 491+25 - Rev. 498+90 488+00 - 491+25  
 499+06 - 505+00

TREATED TIMBER CURB  
 LT  
 495+49 - Rev. 498+77  
 499+21.4 - 505+00

UNCLASSIFIED CHANNEL EXCAVATION  
 LT  
 491+20 - 505+00  
 STONE FILL FOR SLOPE PROTECTION - LIGHT TYPE  
 LT  
 491+20 - 505+00

CONSTRUCT DRIVE  
 LT RT  
 498+58.5 499+75

PLANK GUARD RAIL (FOR BARRICADE)  
 RT  
 498+50  
 502+00



Bridge Data  
 I Beams - Conc. Deck  
 CPM Abut. 5  
 Pipe Rail  
 Clear Ht. 2.7'  
 Clear Span 15.3'  
 L Span 15.0'  
 Roadway 20.2'

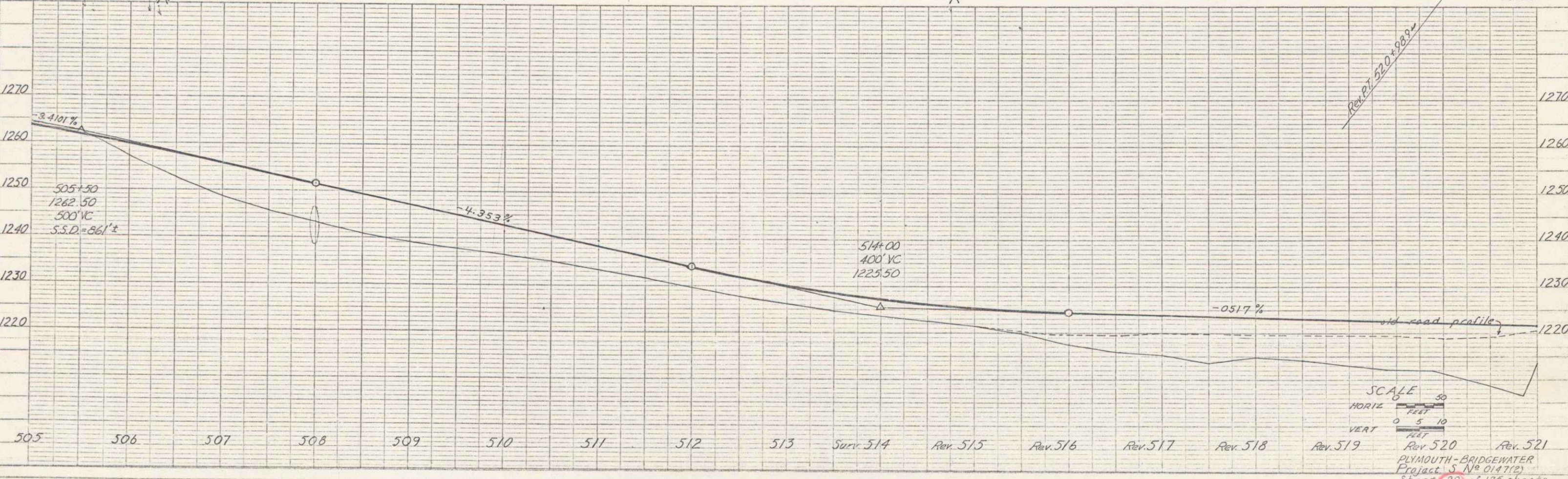
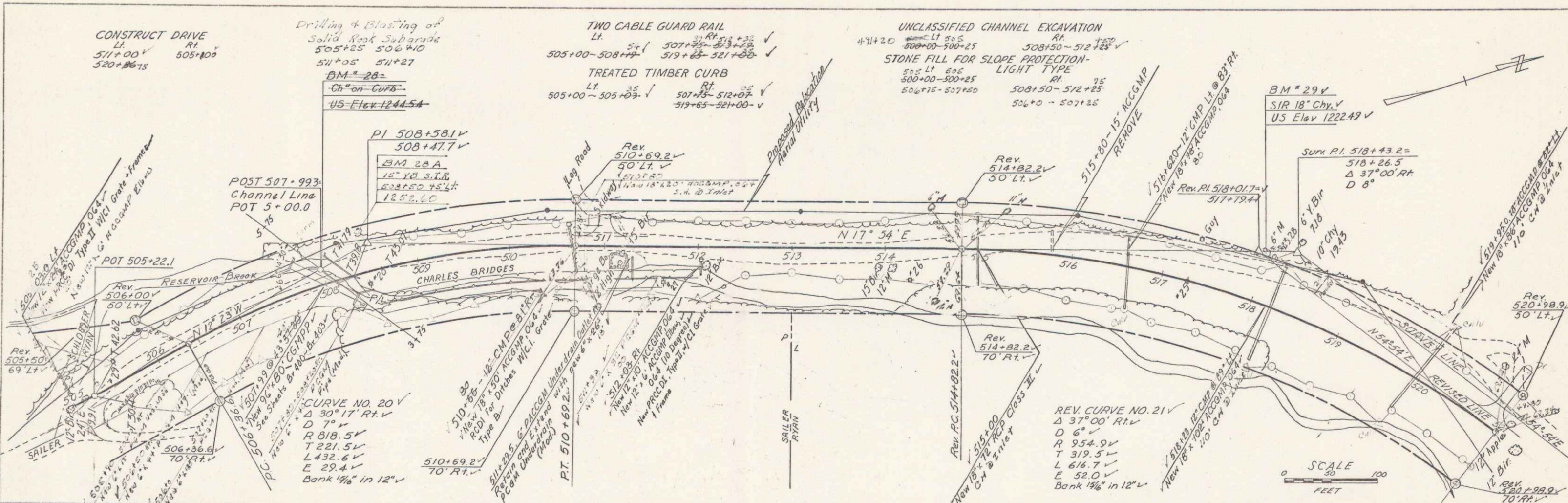
CURVE NO. 18  
 Δ 12° 42' RT  
 D 4°  
 R 1432.4  
 T 159.4  
 L 317.5  
 E 8.8  
 Bank 34" in 12"

REV. CURVE NO. 19  
 Δ 61° 32' LT  
 D 7° 30'  
 R 763.94  
 T 454.8  
 L 820.4  
 E 125.1  
 2T-L 89.2  
 Bank 1" in 12"



PLYMOUTH - BRIDGEWATER  
 SURVEYED BY Spaulding DATE Aug. 63  
 DRAWN BY Smith DATE 1-64  
 TRACED BY Cook DATE 4-69  
 PROJ. 5 NO. 0147 (2)  
 SHEET 27A OF 34

PLAN  
 S. Murray  
 Traced

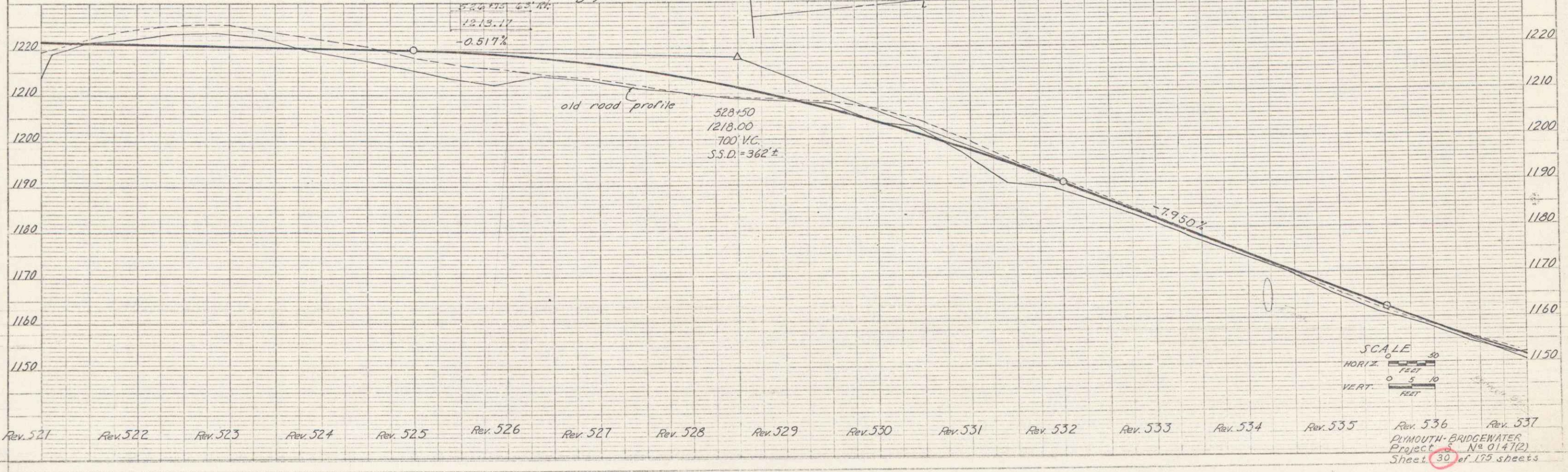
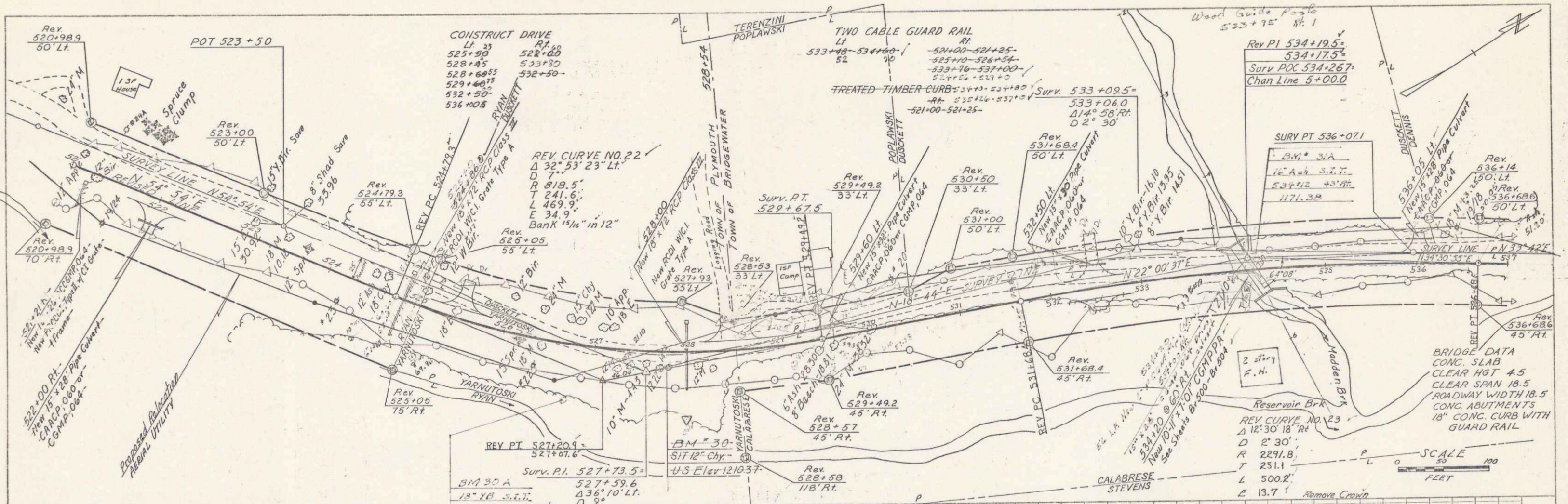


FILE  
 S. Murray  
 12/1/53



PLAN  
 S. C. MURRAY  
 Traced

PROFILE  
 S. C. MURRAY  
 11/4/50



SCALE  
 HORIZ. 1" = 50'  
 VERT. 1" = 10'

Rev. 536 Rev. 537  
 PLYMOUTH BRIDGEWATER  
 Project No. 0147(2)  
 Sheet 30 of 155 sheets

DATE: 5/27/59  
 DRAWN BY: S. MAJUMDAR  
 CHECKED BY: J. C. MURRAY  
 PROJECT: BRIDGE AT PLYMOUTH  
 SHEET NO. 30A

DATE: 5/27/59  
 DRAWN BY: S. MAJUMDAR  
 CHECKED BY: J. C. MURRAY  
 PROJECT: BRIDGE AT PLYMOUTH  
 SHEET NO. 30A

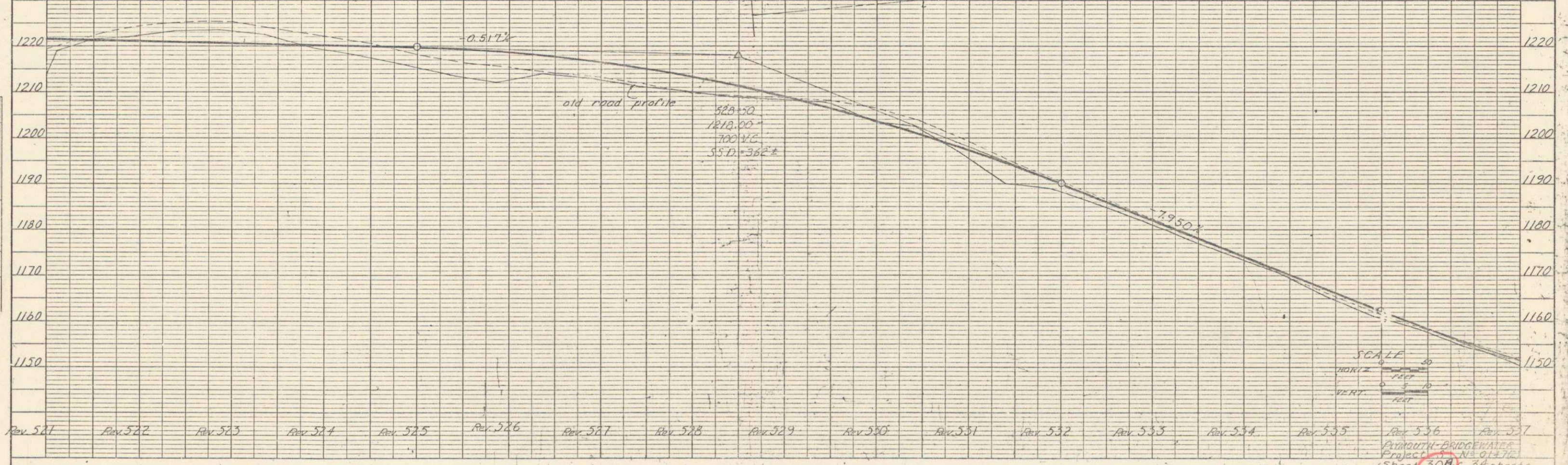
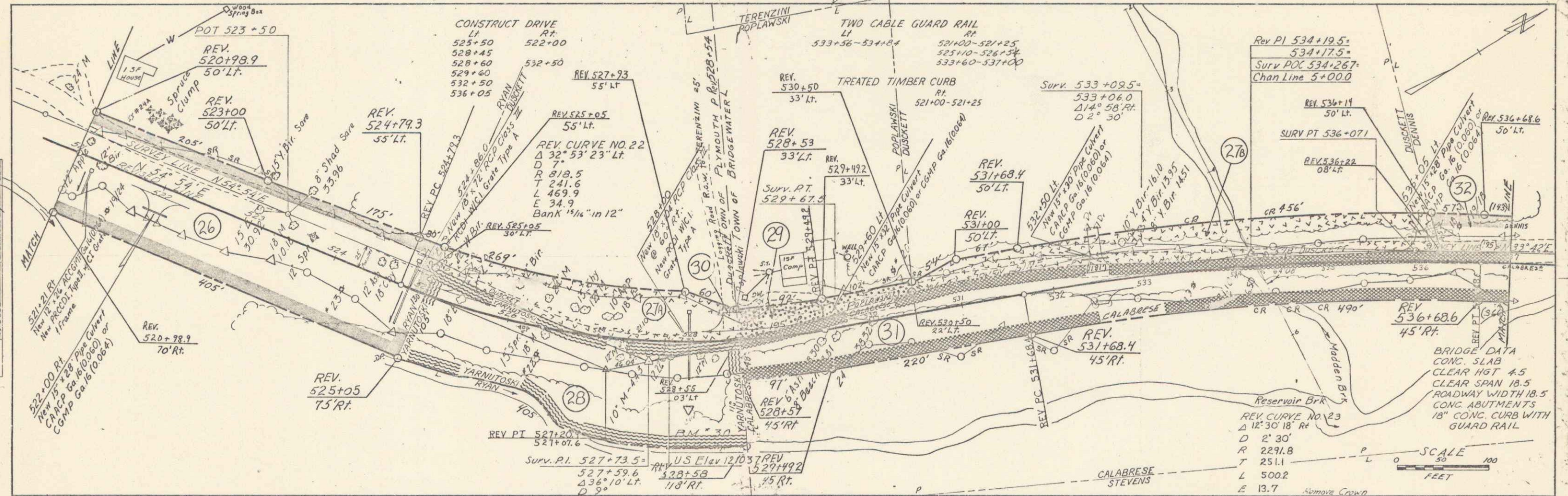
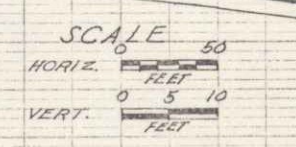
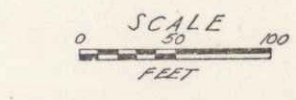
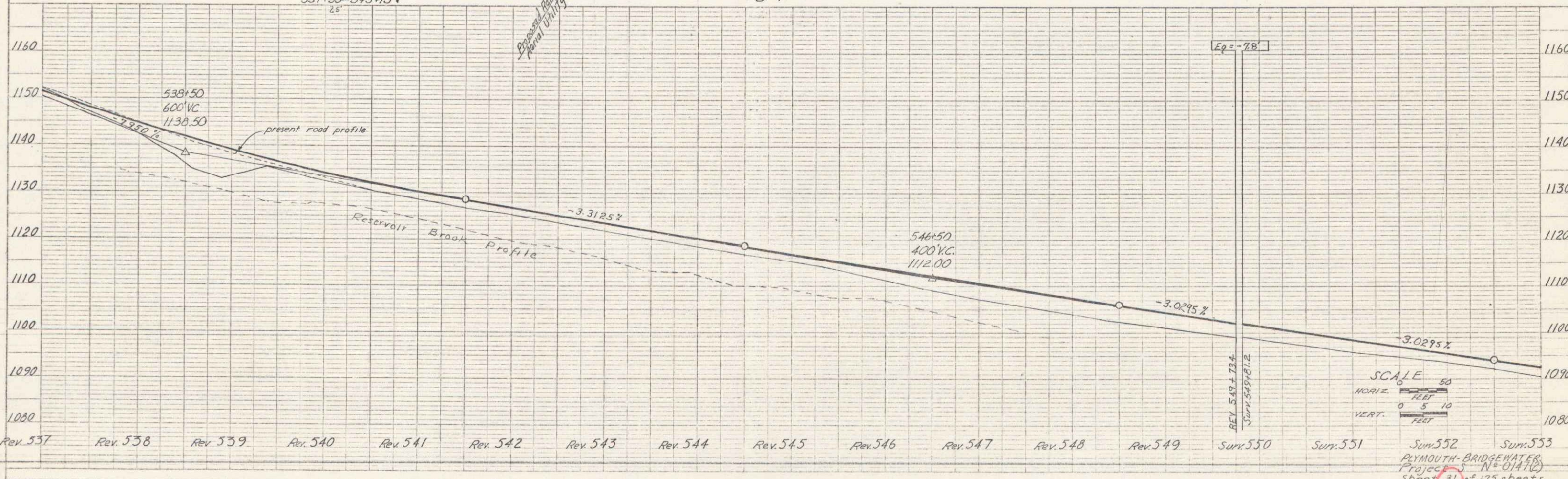
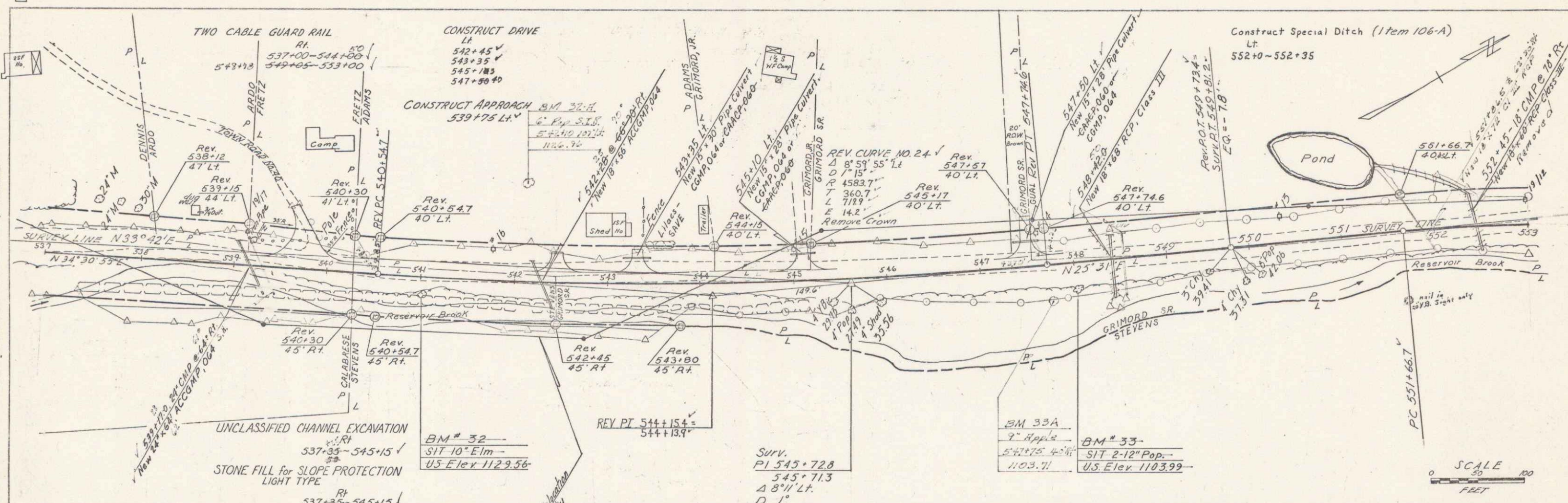


PLATE 1, PLAN/PROFILE  
 NORTH & WEST CO.

PLAN  
 DRAWN BY: S.C. Murray  
 DATE: Feb 83  
 CHECKED BY: S.C. Murray  
 DATE: Feb 83

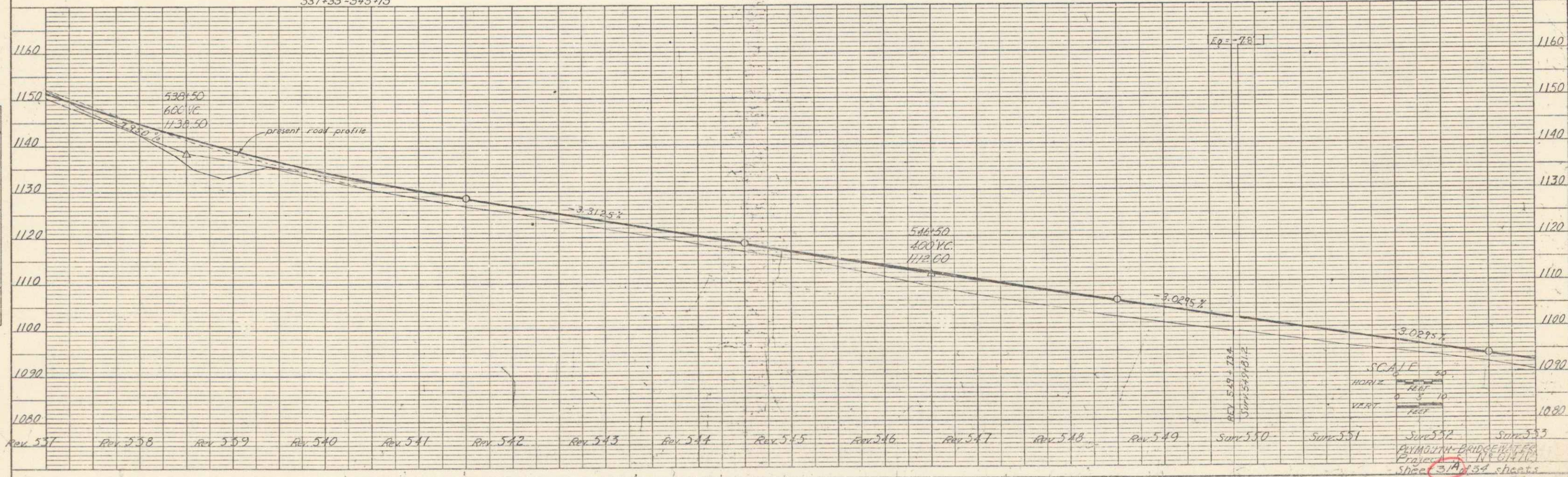
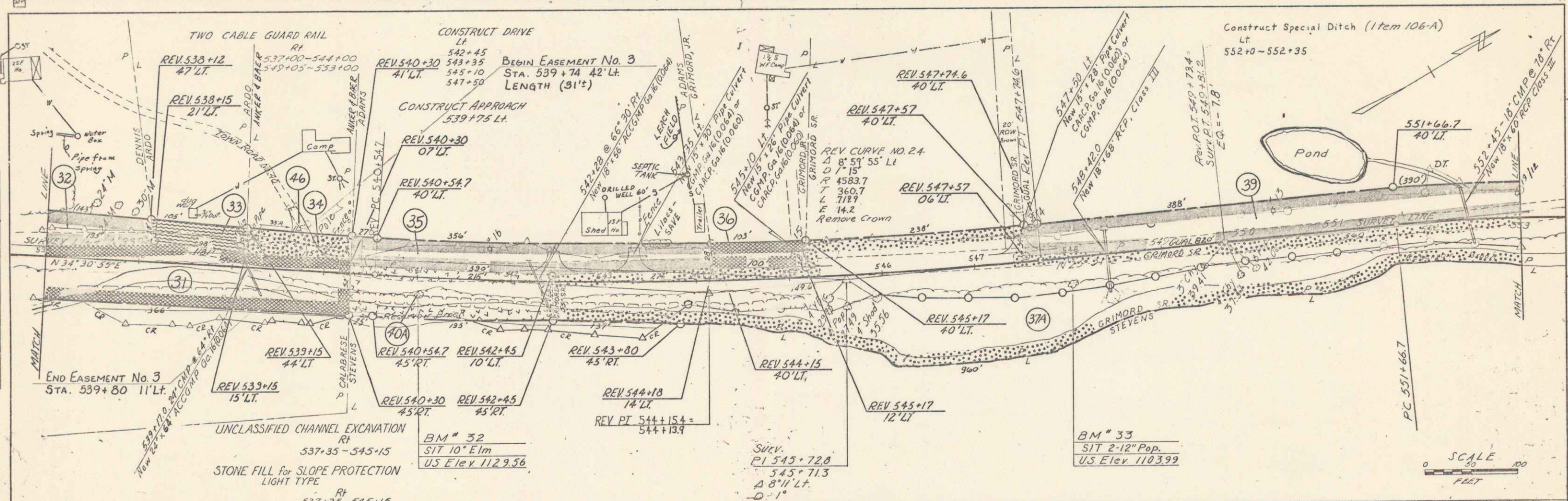
PROFILE  
 DRAWN BY: S.C. Murray  
 DATE: Feb 83  
 CHECKED BY: S.C. Murray  
 DATE: Feb 83



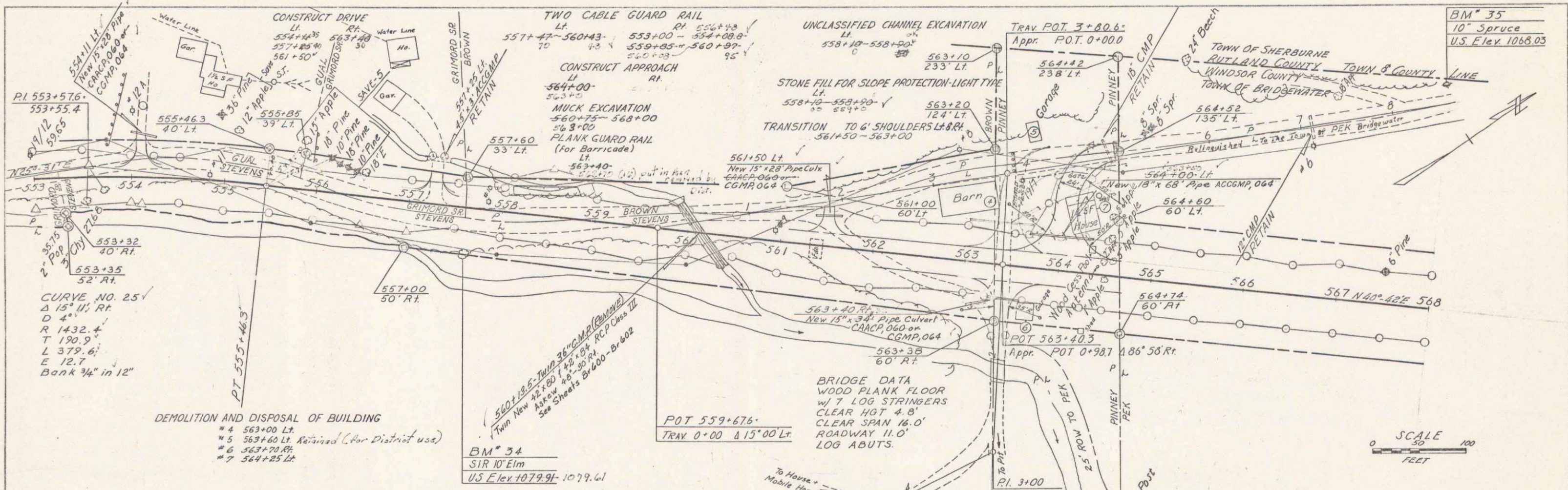
Sum. 552  
 PLYMOUTH BRIDGE WIDENING  
 Project N-01410  
 Sheet 31 of 125 sheets

PLAN  
 DRAWN BY: S. C. MURPHY  
 CHECKED BY: S. C. MURPHY  
 DATE: 12/1/54  
 SHEET NO. 16

PROFILE  
 DRAWN BY: S. C. MURPHY  
 CHECKED BY: S. C. MURPHY  
 DATE: 12/1/54  
 SHEET NO. 16

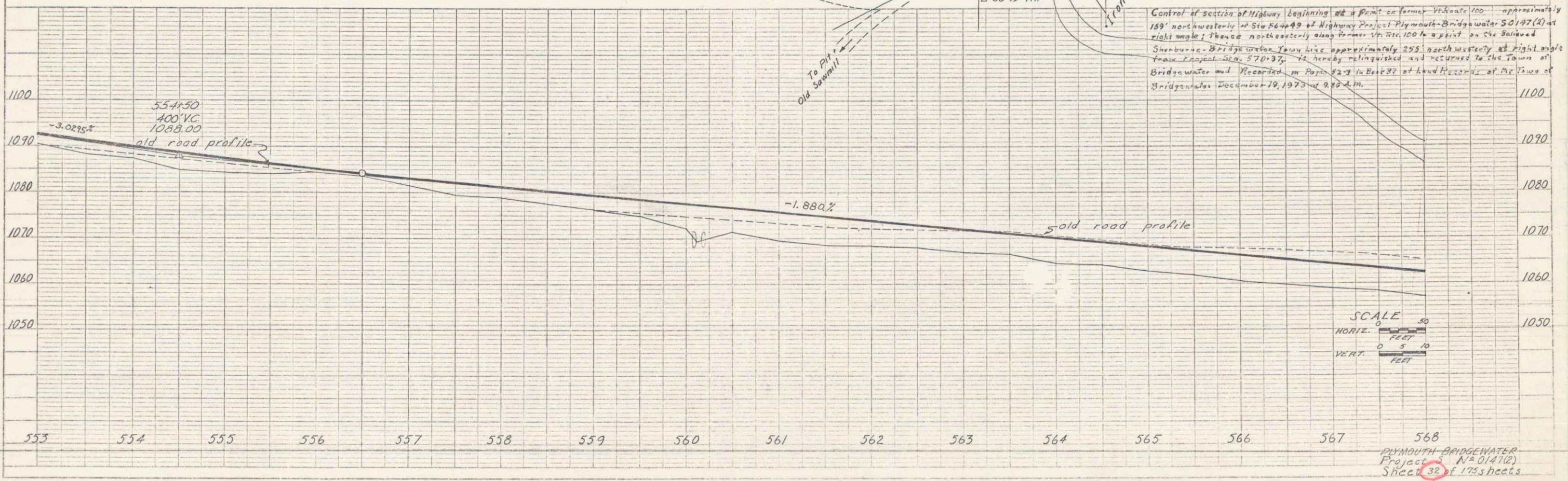


RE PLATE 1, PLAN PROFILE  
 EQUIL & SONS CO.



BM\* 35  
10' Spruce  
U.S. Elev. 1068.03

SCALE  
0 50 100  
FEET

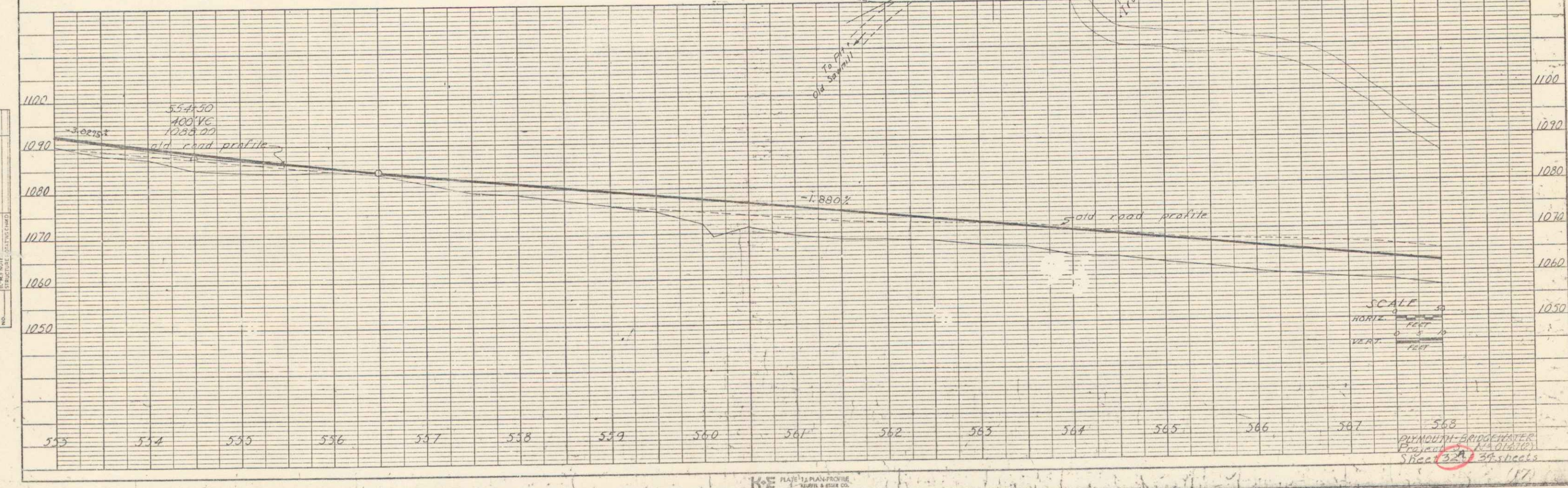
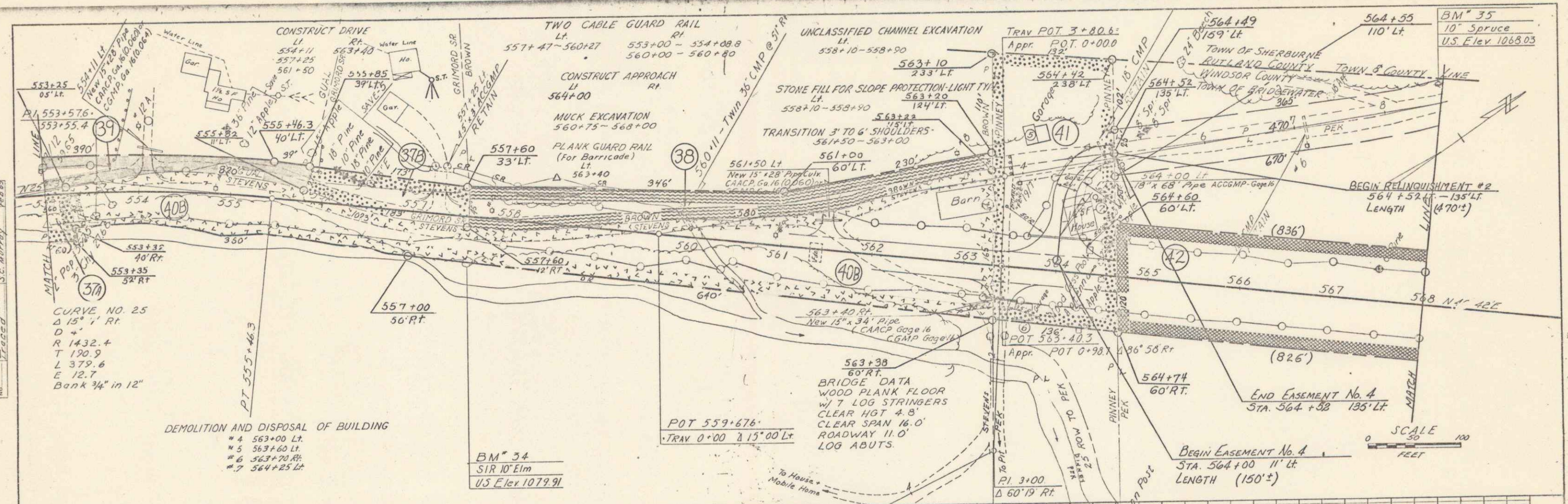


SCALE  
HORIZ. 0 50 FEET  
VERT. 0 5 10 FEET

568  
PLYMOUTH BRIDGEWATER  
Project N° 0147(2)  
Sheet 32 of 173 sheets

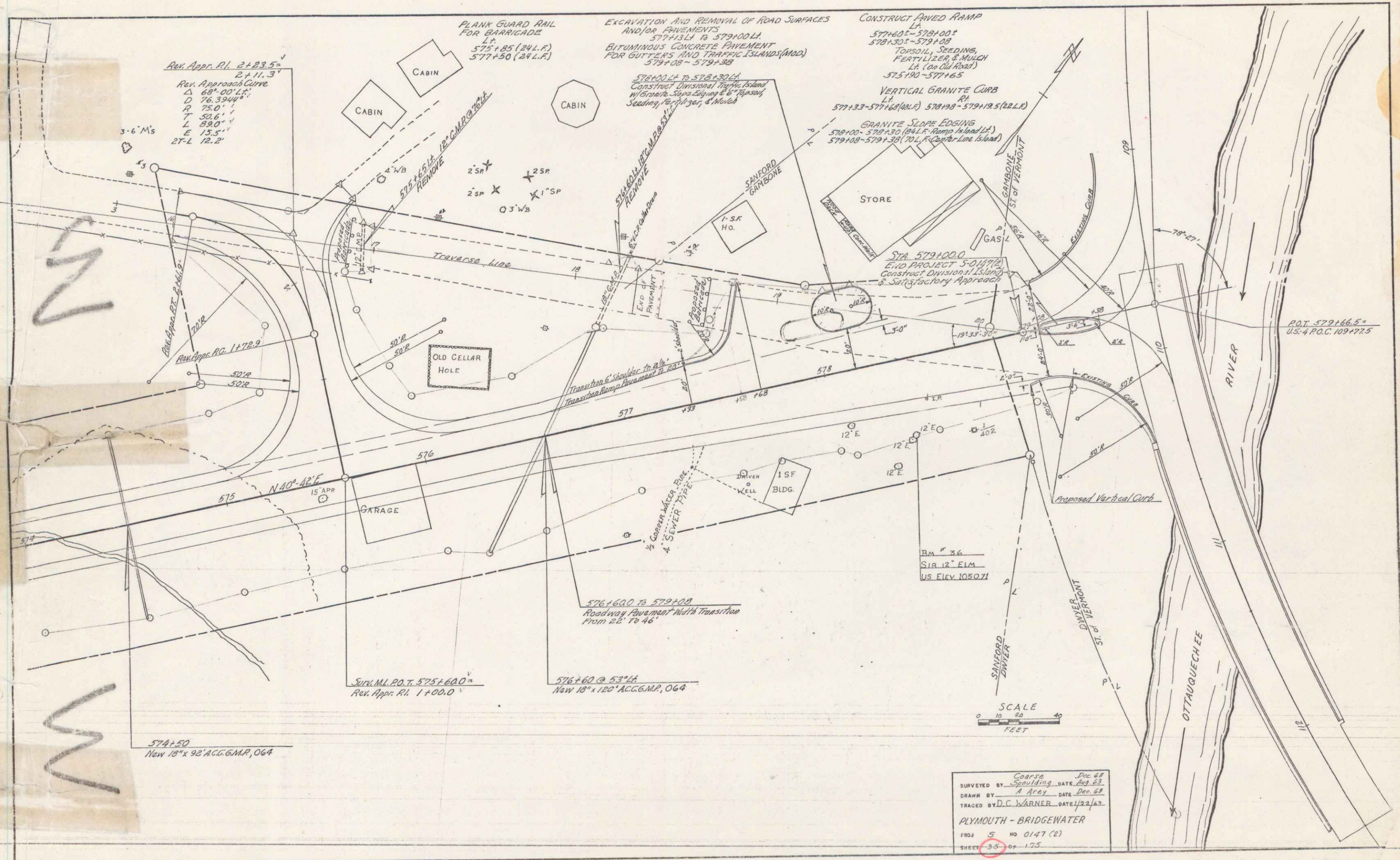
DATE: 10/24/84  
 DRAWN BY: S.C. Murray  
 CHECKED BY: S.C. Murray  
 NO. 1000000000

PROFILE  
 DATE: 10/24/84  
 DRAWN BY: S.C. Murray  
 CHECKED BY: S.C. Murray  
 NO. 1000000000









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