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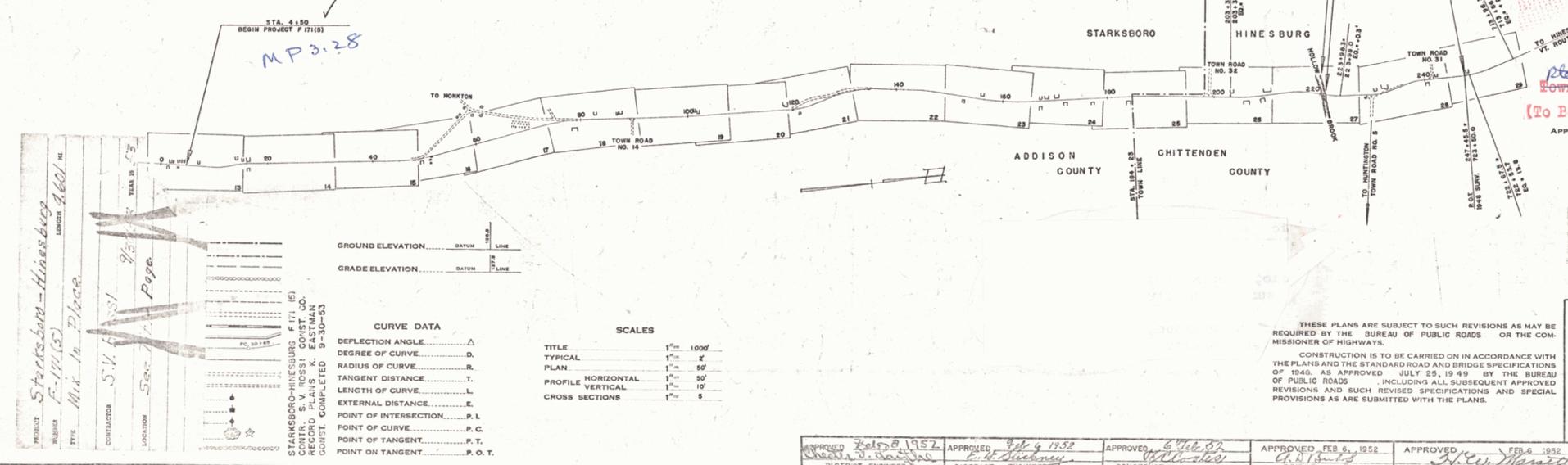
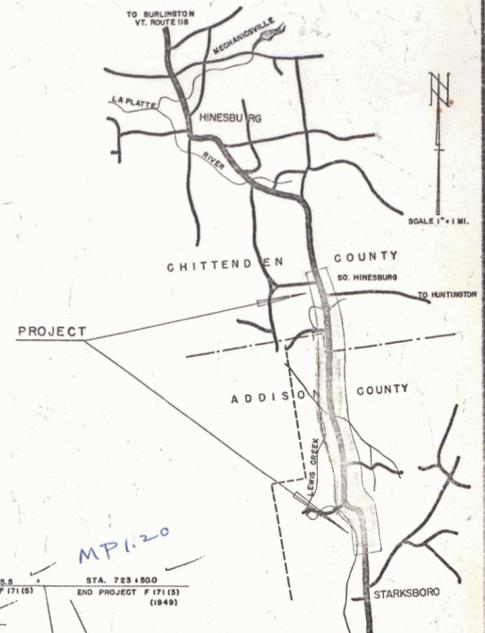
STANDARD STRUCTURE SHEET APPROVED BY THE CHIEF ENGINEER, VERMONT STATE DEPARTMENT OF HIGHWAYS

S-40 JUNE 10, 1950

PROJECT NAME & NUMBER		TYPE	PAVEMENT AREA
STARKSBORO-HINESBURG F 171 (5)		MIXED IN PLACE	59,437 S.Y.
RECORD PLANS			
MATERIALS			
GRAVEL BROWN PIT-STARKSBORO. CASEY PIT3-HINESB.	COMETTE & HINESB.	CONC. AGG.	KIRBY PLANT, HINESBURG
SAND	COMETTE PIT, HINESBURG	REINF. STEEL	U.S. STEEL SUPPLY CO. BOSTON
CR. GRAVEL	CASS CORP. HINESBURG	CEMENT	GLENS FALLS PORT. CEM. CO. GLENS FALLS, N.Y.
TAR	AM. TAR CO. SPRINGFIELD, MASS.	RCP	VT. CONC. PIPE CO. WINDSOR, VT.
ASPHALT	ESSO STAN. OIL CO. EVERETT, MASS.	ACCGMP	NEW ENG. MET. CULV. CO. BOSTON
BIT. CONC. PAVEMENT	BAYER & MINGOLLA PLANT	FIBRE DR. PIPE	BROWN CO., BERLIN, N.H.
GUARD RAIL	AM. STEEL & WIRE CO. NEW HAVEN, CT.		
CONTRACTOR	S. V. ROSSI, TORRINGTON, CONN.	CONTRACT DATED	AUG. 15, 1952
RES. ENGINEER	DANIEL ALLEN	CONTRACT STARTED	AUG. 20, 1952
INSPECTOR	SHERMAN GAGE	CONTRACT COMPLETED	SEPT. 30, 1953
RECORD PLANS	K. EASTMAN	CONTRACT ACCEPTED	SEPT. 30, 1953

STATE OF VERMONT  
STATE HIGHWAY DEPARTMENT  
**PLAN AND PROFILE OF PROPOSED STATE HIGHWAY**  
FEDERAL AID PROJECT  
**TOWNS OF STARKSBORO-HINESBURG**  
COUNTIES OF ADDISON-CHITTENDEN  
**VERMONT ROUTE 116**  
STARKSBORO-HINESBURG ROAD

BEGINNING AT A POINT 17973 FEET SOUTH OF THE STARKSBORO-HINESBURG TOWN LINE AND EXTENDING NORTHERLY 24,295.5 FT.  
LENGTH OF ROADWAY 24,241.5 FT. = 4.591 MILES  
LENGTH OF BRIDGE 54.0 FT. = 0.010 MILE  
LENGTH OF PROJECT 24,295.5 FT. = 4.601 MILES



PROJECT: Starksboro-Hinesburg  
ROUTE: 116  
TYPE: Mix. In Place  
CONTRACTOR: S.V. Rossi  
LOCATION: Starksboro, Hinesburg

**CURVE DATA**

DEFLECTION ANGLE	Δ
DEGREE OF CURVE	D
RADIUS OF CURVE	R
TANGENT DISTANCE	T
LENGTH OF CURVE	L
EXTERNAL DISTANCE	E
POINT OF INTERSECTION	P. I.
POINT OF CURVE	P. C.
POINT OF TANGENT	P. T.
POINT ON TANGENT	P. O. T.

**SCALES**

TITLE	1" = 1000'
TYPICAL	1" = 4'
PLAN	1" = 50'
PROFILE HORIZONTAL	1" = 50'
PROFILE VERTICAL	1" = 10'
CROSS SECTIONS	1" = 5'

RIGHT-OF-WAY DIVISION  
TOWN FILE  
PERPETUAL  
Town of H 116  
(To Be Returned To R.O.W. Division)  
APPROVED: H. August  
FEB. 5, 1952  
CHIEF ENGINEER

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD ROAD AND BRIDGE SPECIFICATIONS OF 1948, AS APPROVED JULY 25, 1949 BY THE BUREAU OF PUBLIC ROADS INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED Feb 8 1952 District Engineer	APPROVED Feb 9 1952 District Engineer	APPROVED Feb 27 1952 Construction Engineer	APPROVED Feb 8 1952 Bridge Engineer	APPROVED Feb 8 1952 Highway Engineer
--	--	---	--	---

Pin # 00R496

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_

DIVISION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

PROJECT F No. 171 (5) FILED  
SHEET 1 OF 104



NON-GOV'T PARTICIPATION  
 3/10/88 install sleeve for water pipe  
 across roadway. Item 103 Non-Gov't.  
 Sleeve to be furnished by property  
 owner.

Construct 8' Shoulder  
 13+75 - 16+50 Rt

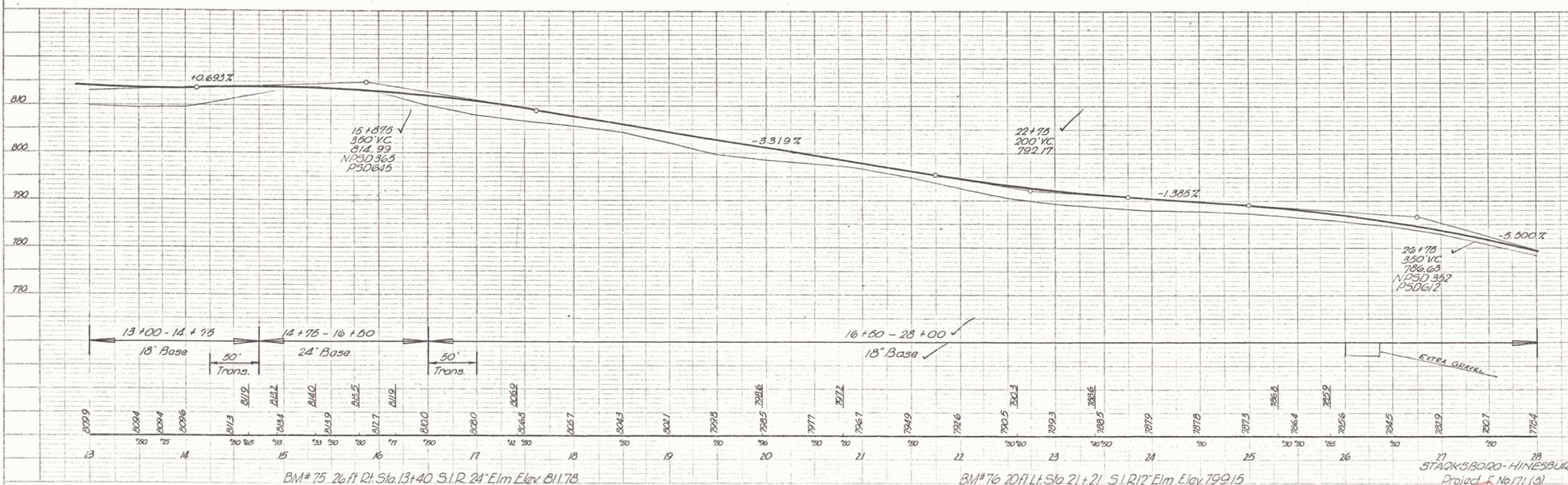
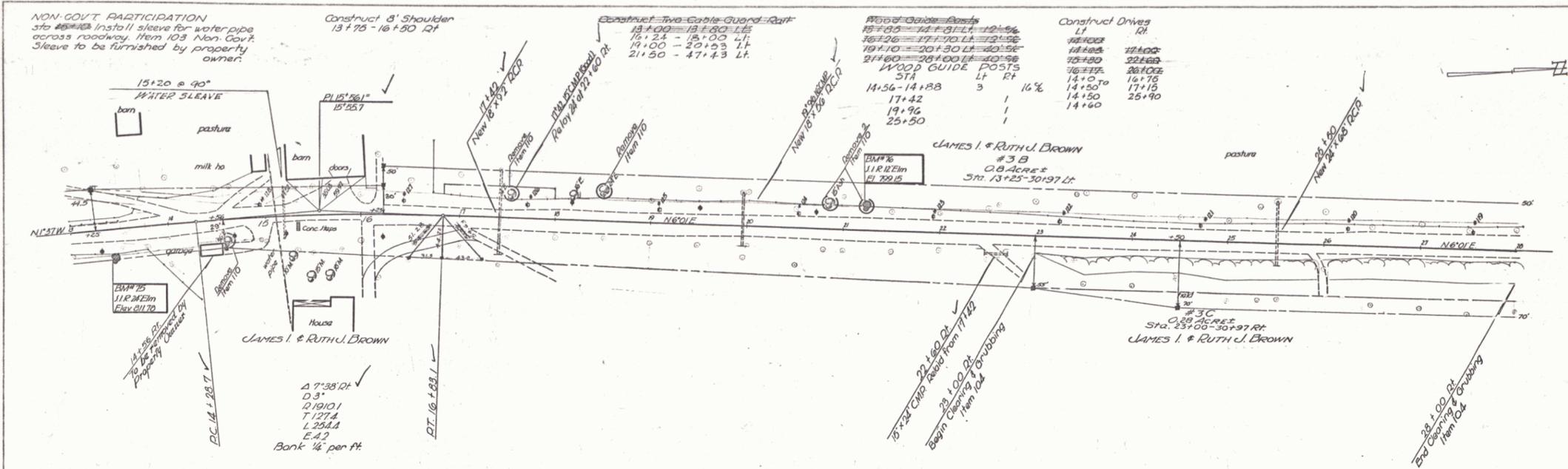
Construct Two-Cable Guard-Rail  
 18+00 - 18+80 Lt  
 18+80 - 19+00 Lt  
 19+00 - 20+53 Lt  
 21+50 - 47+43 Lt

Wood Guide Posts  
 18+00 - 18+80 Lt  
 18+80 - 19+00 Lt  
 19+00 - 20+53 Lt  
 21+50 - 28+00 Lt  
 WOOD GUIDE POSTS  
 STA Lt Rt  
 14+56-14+88 3 16%  
 17+42 1  
 19+96 1  
 25+50 1

Construct Drives  
 Lt Rt  
 18+00 18+00  
 18+80 18+80  
 19+00 19+00  
 20+53 20+53  
 21+50 21+50  
 28+00 28+00

PLAN  
 DATE 9/20/88  
 DRAWN BY J. R. HURD  
 CHECKED BY J. R. HURD  
 TITLE STARKSBORO-HINESBURG  
 PROJECT No. 171 (3)  
 SHEET 14 of 104

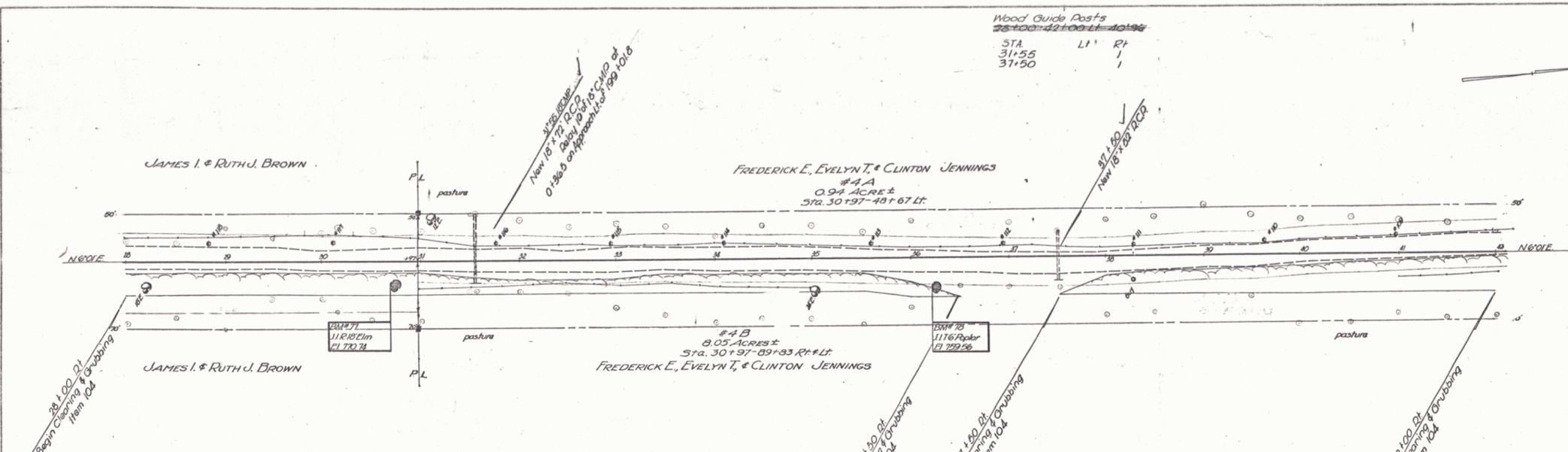
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 DATE 9/20/88  
 DRAWN BY J. R. HURD  
 CHECKED BY J. R. HURD  
 TITLE STARKSBORO-HINESBURG  
 PROJECT No. 171 (3)  
 SHEET 14 of 104



STARKSBORO-HINESBURG  
 Project No. 171 (3)  
 Sheet 14 of 104

PLAN	3/20/22
DATE	3/20/22
BY	HURLEY
CHECKED	
DATE	
BY	

SCALE	1" = 20'
DATE	3-32
BY	HURLEY
CHECKED	
DATE	
BY	



Parcel	Instr.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#4A, B, C	Cowden	5-1-32	F.E., E.T. & Clinton Jennings	St of Va.	Starksboro	22	419	5-6-32	See Sheets 16, 17, 18, 19

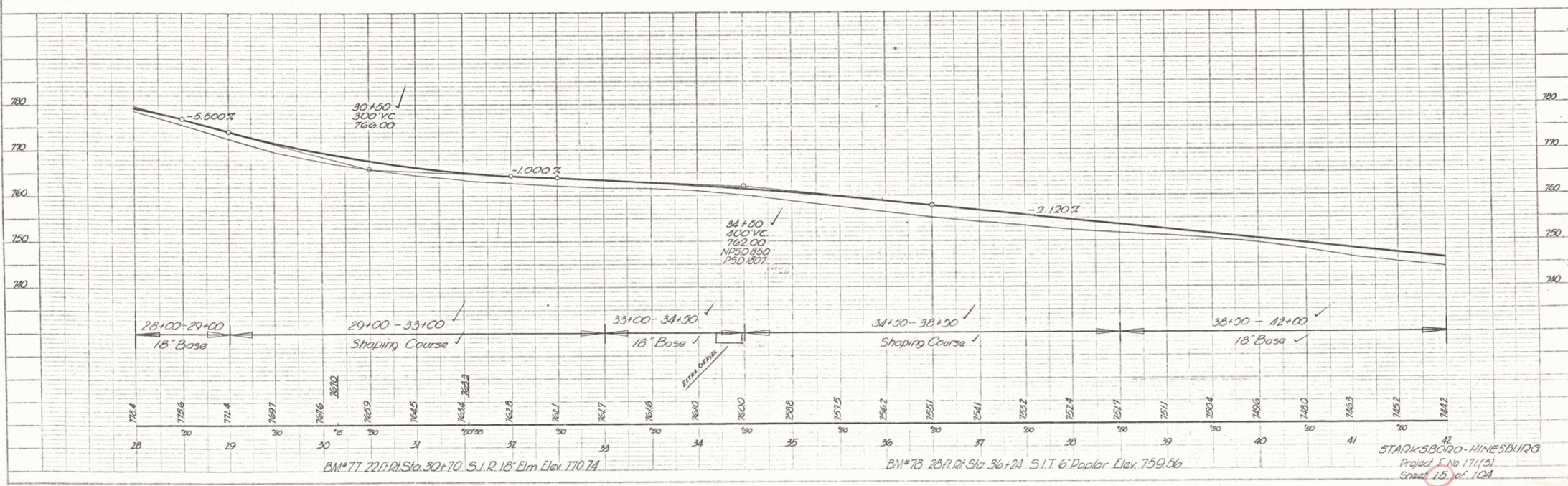
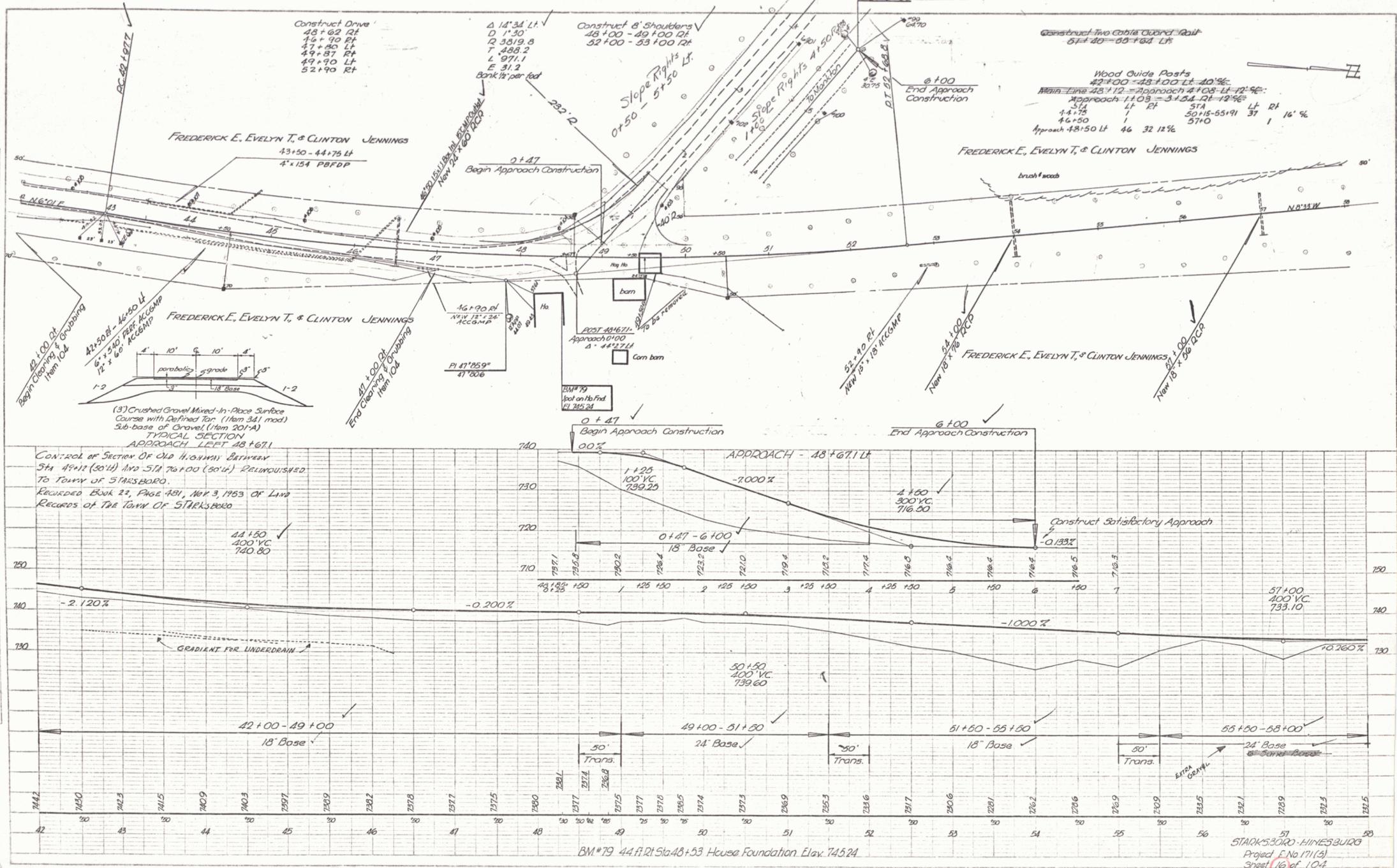


PLATE L.P. INVENTOR L.P. & A. ALLYSON  
 ENGINEER & SURVEYOR  
 1910 S. 10th St. Hinesburg, Vt.  
 1910 S. 10th St. Hinesburg, Vt.

PLAN	DATE	BY
APPROVED	9/30	W.H.
REVISIONS		
NO.	DESCRIPTION	DATE
1	AS SHOWN	9/30
2	ADD	11-30
3	ADD	11-30

DATE	BY
9/30	W.H.
11-30	H.M.
11-30	H.M.



PLAN	DATE	BY
APPROVED	1/20	SP
NOTED	1/20	SP
REVISIONS		
NO.	DESCRIPTION	DATE
1	REVISION	

PROFILE	DATE	BY
APPROVED	1/20	SP
NOTED	1/20	SP
REVISIONS		
NO.	DESCRIPTION	DATE
1	REVISION	

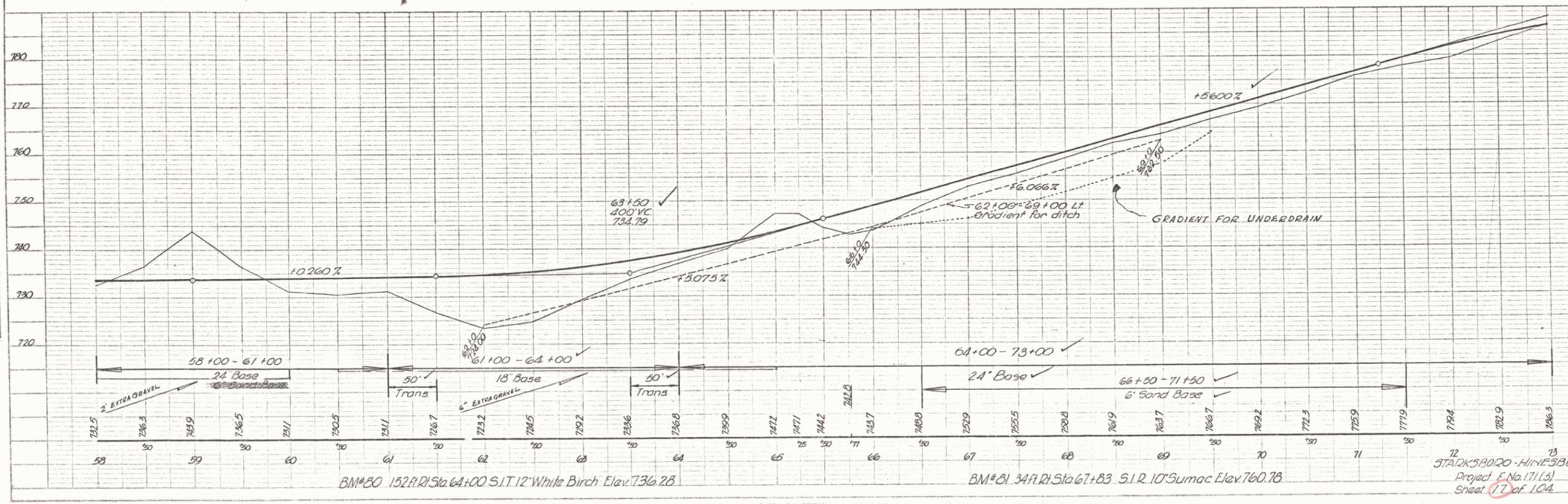
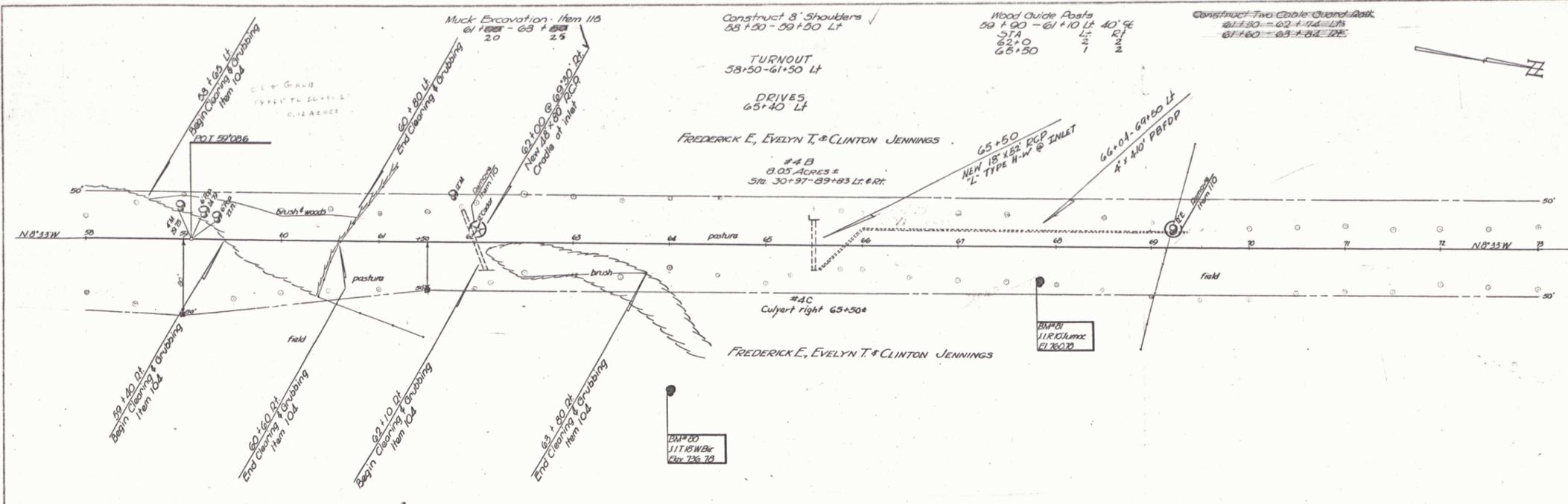


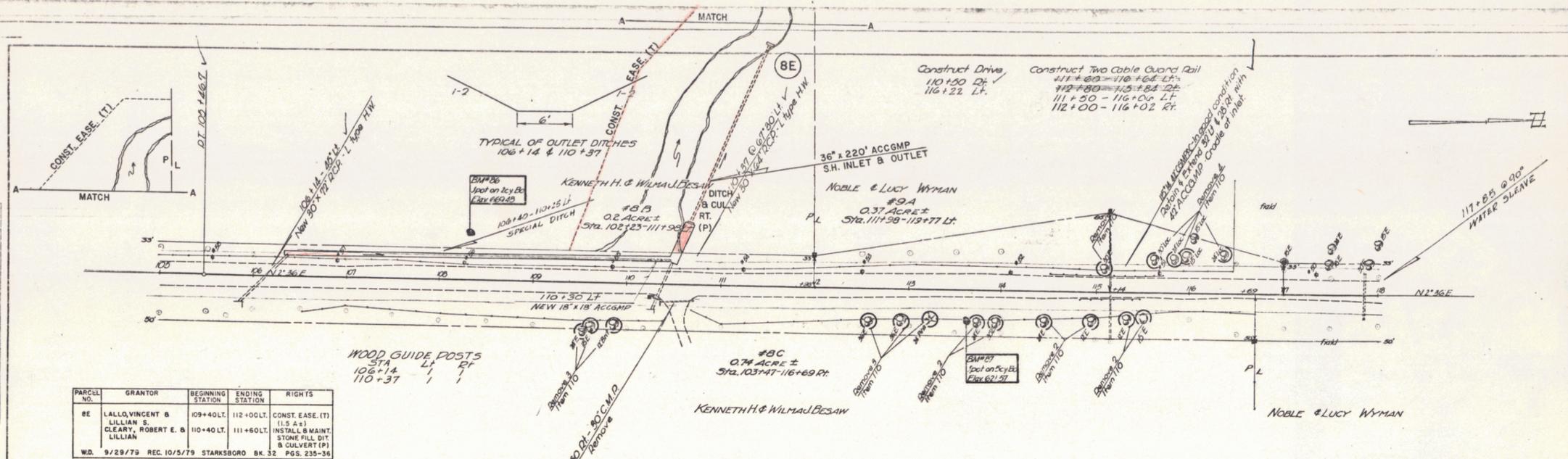
PLATE 11 - PLAN - PROFILE - P. O. & S. ENGINEER

STARKSBORO - HINESBURG  
Project No. 1711(3)  
Sheet 17 of 124





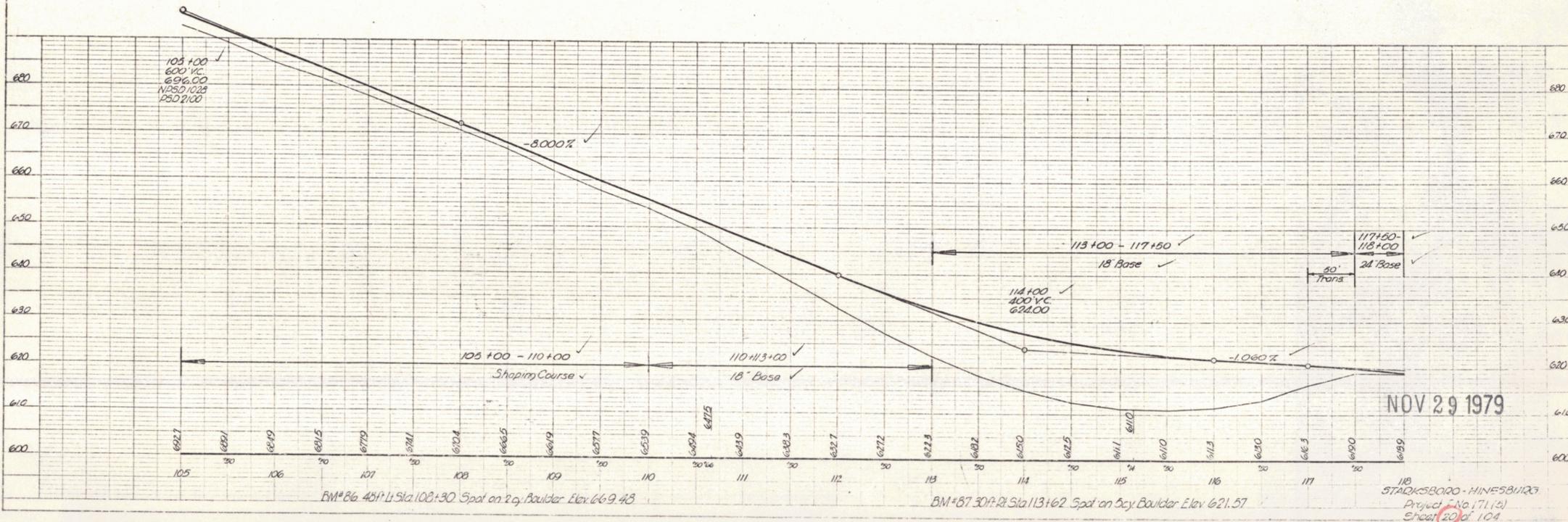
PLAN  
 DRAWN BY: S. J. HURBY  
 DATE: 11/29/79  
 PROJECT: 117+00



PARCEL NO.	GRANTOR	BEGINNING STATION	ENDING STATION	RIGHTS
8E	LALLQ, VINCENT & LILLIAN S. CLEARY, ROBERT E. & LILLIAN	109+40 LT.	112+00 LT.	CONST. EASE. (T) (1.9 A)
		110+40 LT.	111+60 LT.	INSTALL & MAINT. STONE FILL DITCH & CULVERT (P)
W.D. 9/29/79 REC. 10/5/79 STARKSBORO BK. 32 PGS. 235-36				

Parcel	Inst.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#9A, B, C, D	Condemn	5-52	Noble & Lucy Wyman	St. of Vt.	Starksboro	22	49	5-6-52	See Sheets 21, 22

PROFILE  
 DRAWN BY: S. J. HURBY  
 DATE: 11/29/79  
 PROJECT: 117+00

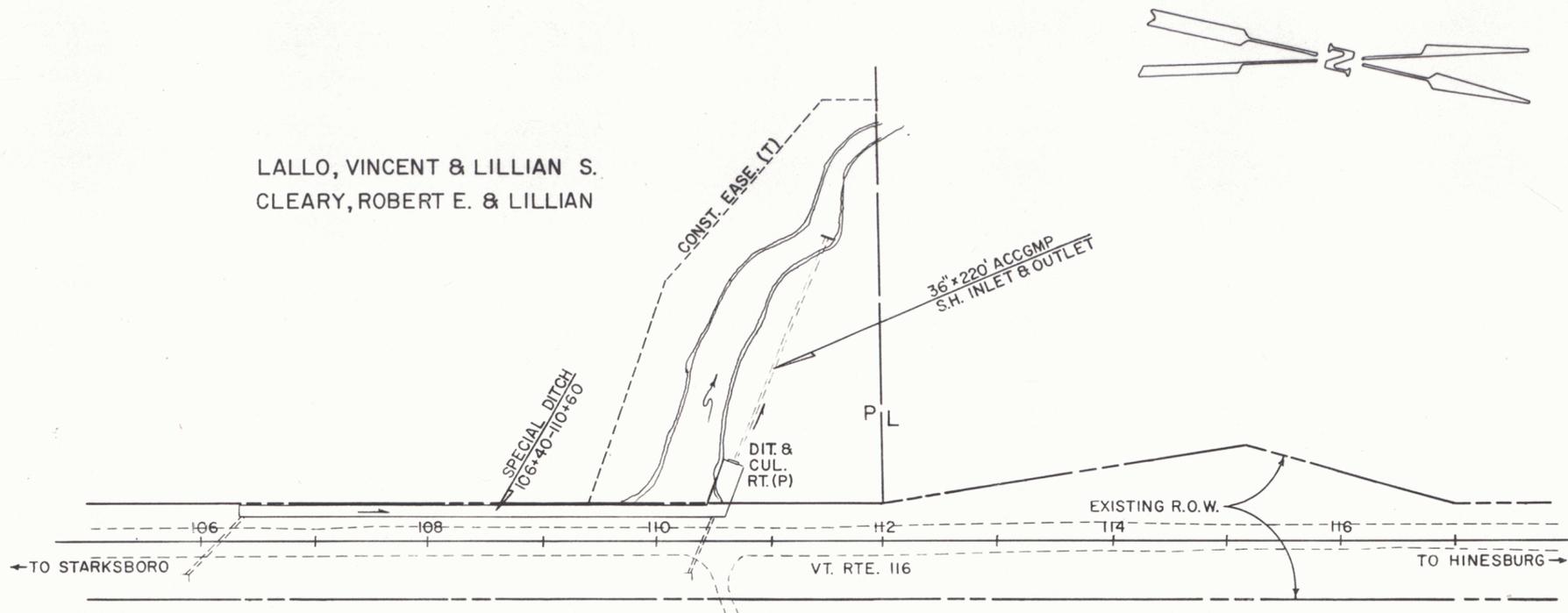


BM # 86 45' Lt Sta 108+30 Spot on 2' gy Boulder Elev 669.43

BM # 87 30' Rt Sta 113+62 Spot on 5' gy Boulder Elev 621.57

NOV 29 1979

118 STARKSBORO - HINESBURG  
 Project No. 171(2)  
 Sheet 20 of 104



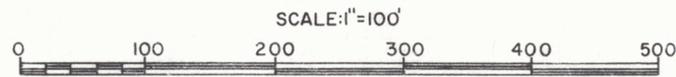
LALLO, VINCENT & LILLIAN S.  
 CLEARY, ROBERT E. & LILLIAN

BY WD ON 9/29/79 RECORDED 10/5/79 IN STARKSBORO

T.C. OFFICE BK 32/235-36

MP 0527

GRANTOR	BEGINNING STATION	ENDING STATION	RIGHTS
LALLO, VINCENT & LILLIAN S.	109+40 LT.	112+00 LT.	CONST. EASE (T) (1.5 A±)
CLEARY, ROBERT E. & LILLIAN	110+40 LT.	111+60 LT.	INSTALL & MAINT. STONE FILL, DIT. & CULVERT (P)



REF: SHEET 20 OF 104.

VT 116

STATE OF VERMONT  
 AGENCY OF TRANSPORTATION

SHEET 20A

STARKSBORO - HINESBURG

PROJECT F 171 (5)

20A

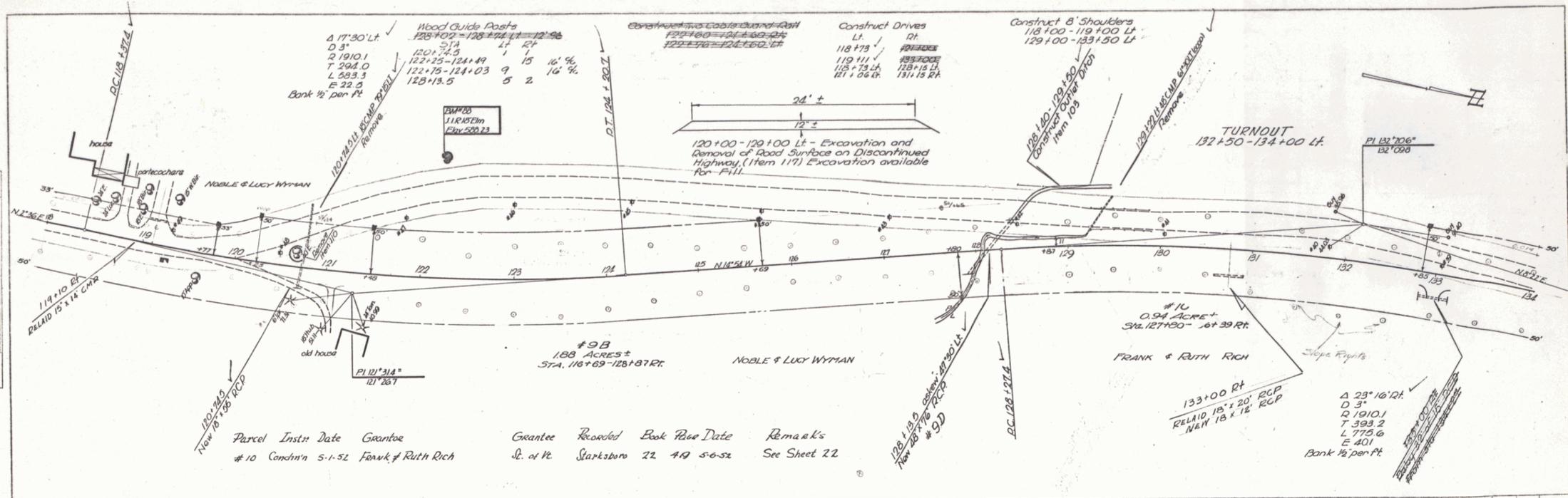
APPROX. SCALE 1"=100'

DATE 7-19-79

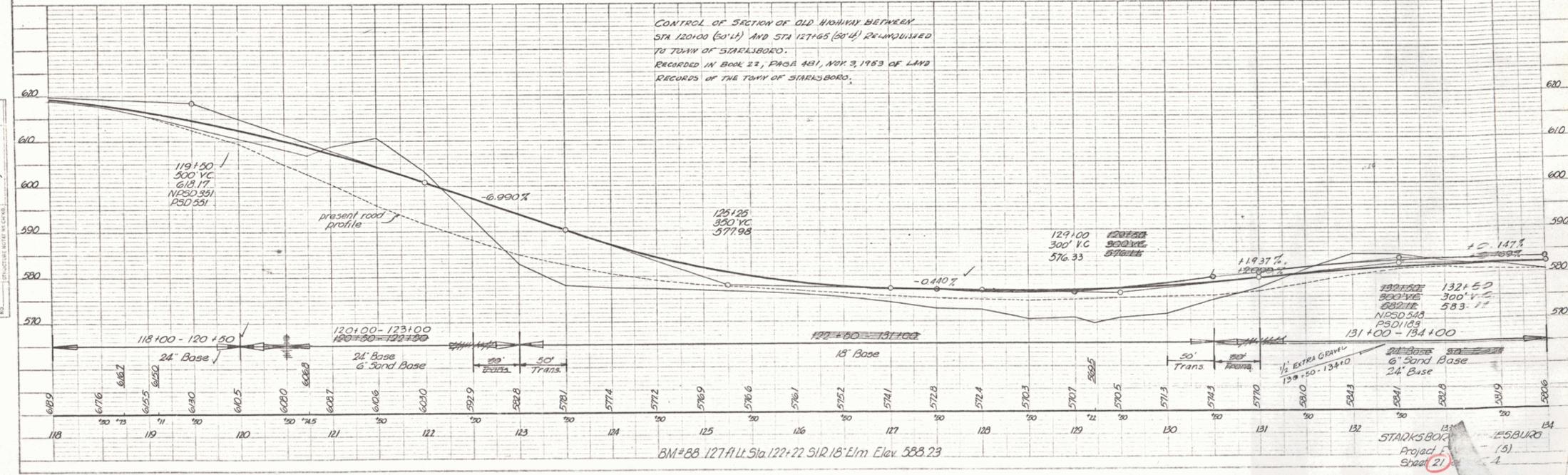
DRAWN BY S.J.B.

10

PLAN  
 DATE 2-20-20  
 DRAWN BY J. Hurley  
 CHECKED BY J. Hurley  
 SCALE 1" = 40'



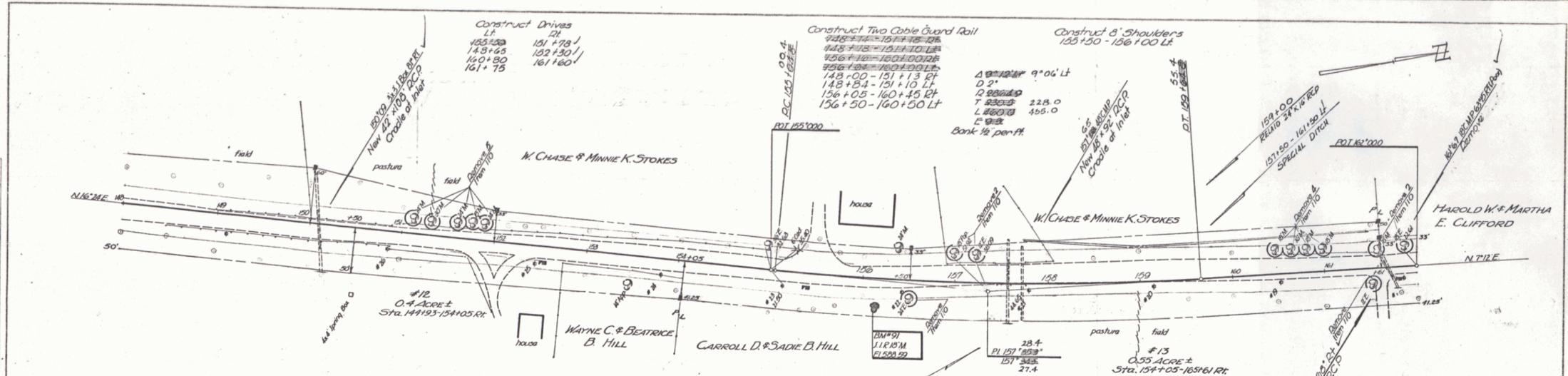
PROFILE  
 DATE 2-20-20  
 DRAWN BY J. Hurley  
 CHECKED BY J. Hurley  
 SCALE 1" = 40'



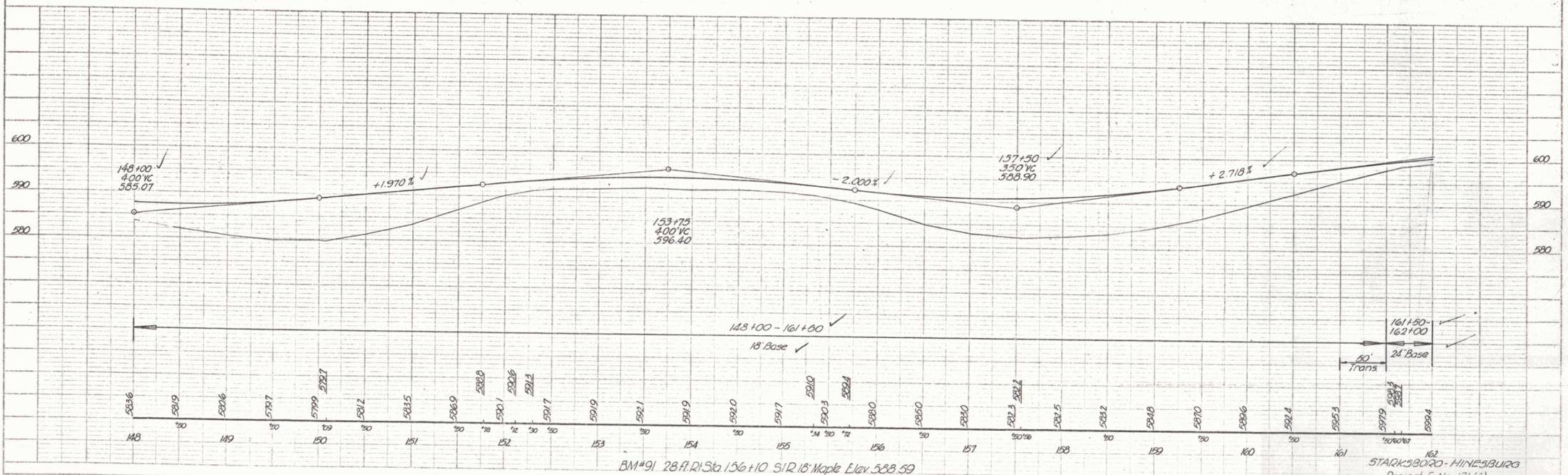


PLAN  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 DATE: 11/20/00

PROFILE  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]  
 DATE: 11/20/00



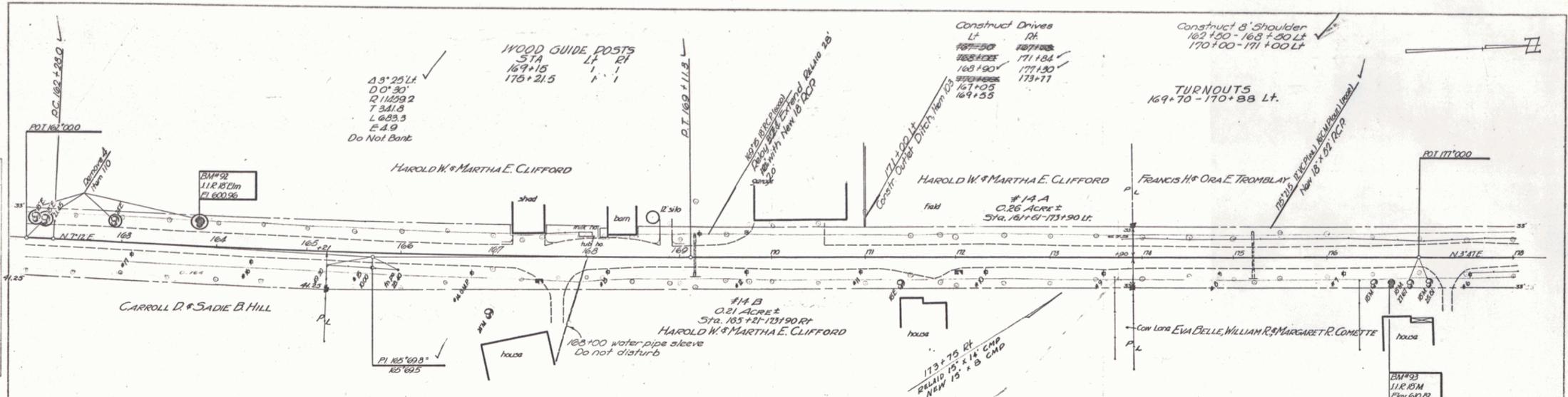
Parcel	Instr.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#12	W.D.O.E.	6-4-52	Wayne C. & Beatrice B. Hill	St. of Vt.	Starksboro	22	430	6-11-52	See Sheet 22
#13	W.D.O.E.	6-5-52	Carroll D. & Sadie B. Hill	St. of Vt.	Starksboro	22	436	6-11-52	See Sheet 24



BM#91 28.41.56 156+10 S1R18 Maple Elev. 588.59

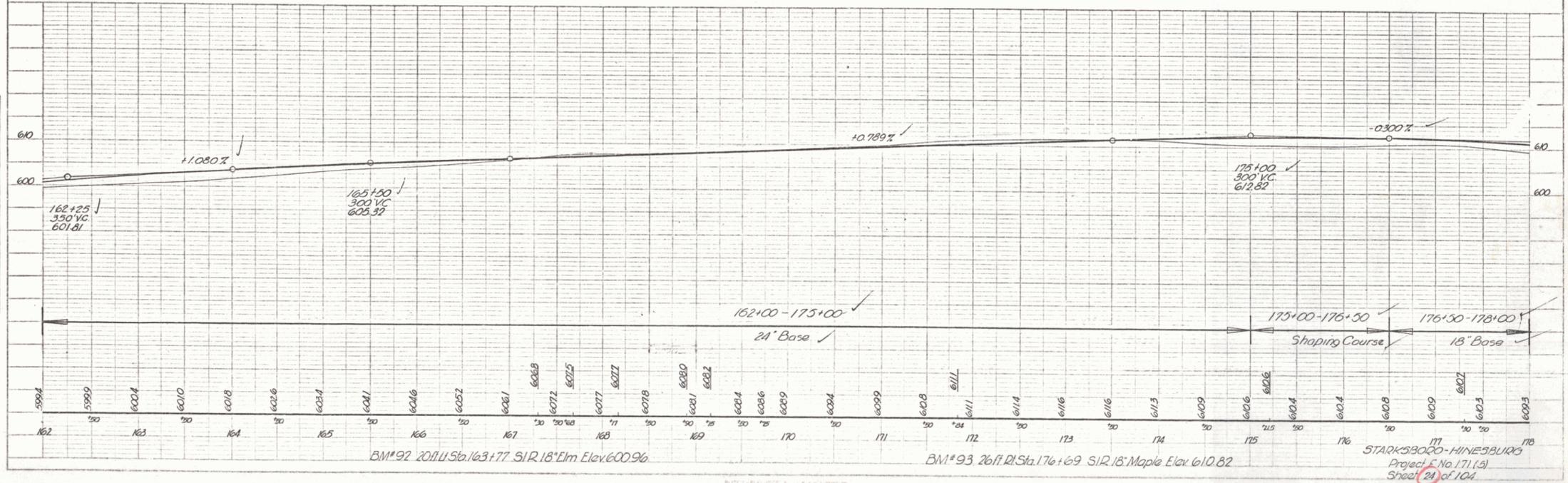
162  
 STARKSBORO - HINESBURG  
 Project No. 171(5)  
 Sheet 23 of 104

PLAN  
 DATE 9/30/20  
 DRAWN BY [Signature]  
 CHECKED BY [Signature]



Parcel	Instr.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#14 A, B	W.D.O.E.	6-16-52	Harold W. & Martha E. Clifford	St. of W.	Starksboro	22	442	6-20-52	See Sheet 23

PROFILE  
 DATE 9/30/20  
 DRAWN BY [Signature]  
 CHECKED BY [Signature]



BM#92 20.111 Sta. 163+77 SIR 18 Elm Elev. 600.96

BM#93 26.111 Sta. 176+69 SIR 18 Maple Elev. 610.82

STARKSBORO-HINESBURG  
 Project No. 171 (S)  
 Sheet 21 of 104

Parcel	Instr.	Date	Grantor	Grantee	Recorded	Book	Page	Date	Remarks
#15	W.D.O.E.	7-2-52	Francis H & Ora E. Tromblay	St. of Vt.	Starksboro	22	440	7-5-52	See Sheets 24, 26
#16	W.D.O.E.	6-17-52	E.B., W.R. & M.R. Comette	St. of Vt.	Hinesburg	29	245	8-18-52	See Sheet 26, 27
#17	W.D.O.E.	6-17-52	Rollin C. & Jessie A. Place	St. of Vt.	Starksboro	22	452	6-28-52	
					Hinesburg	29	193	7-7-52	

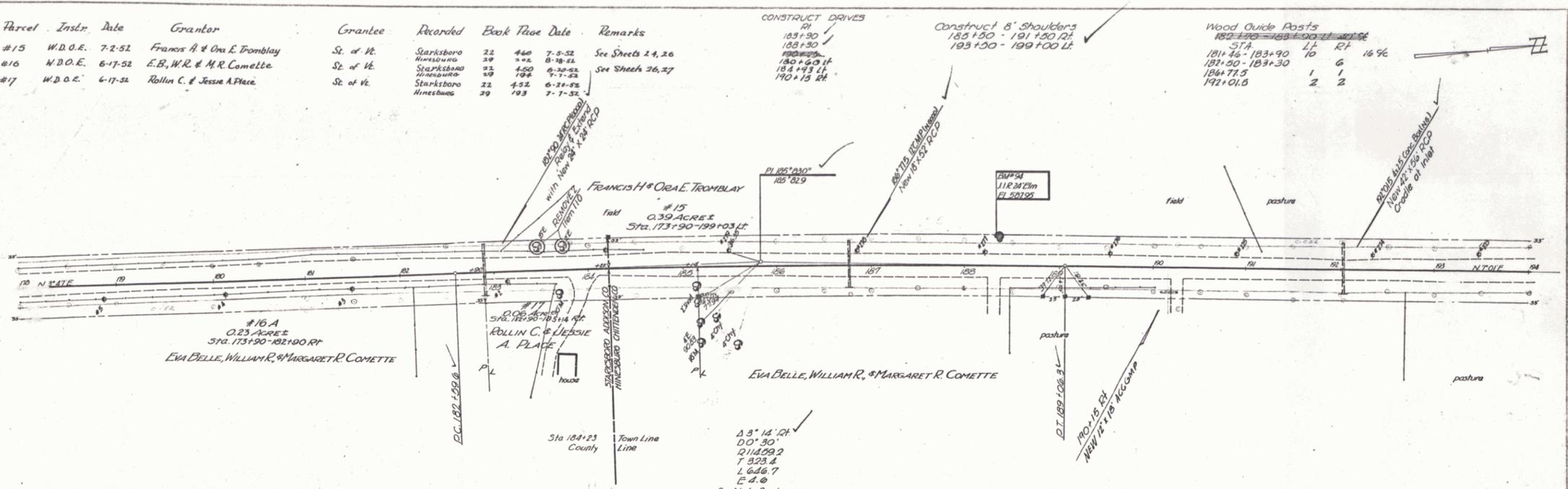
CONSTRUCT DRIVES  
 PI 185+30  
 185+50  
 185+60 If  
 185+93 If  
 185+15 Rt

Construct 8' Shoulders  
 185+50 - 191+50 Lt  
 193+50 - 199+00 Lt

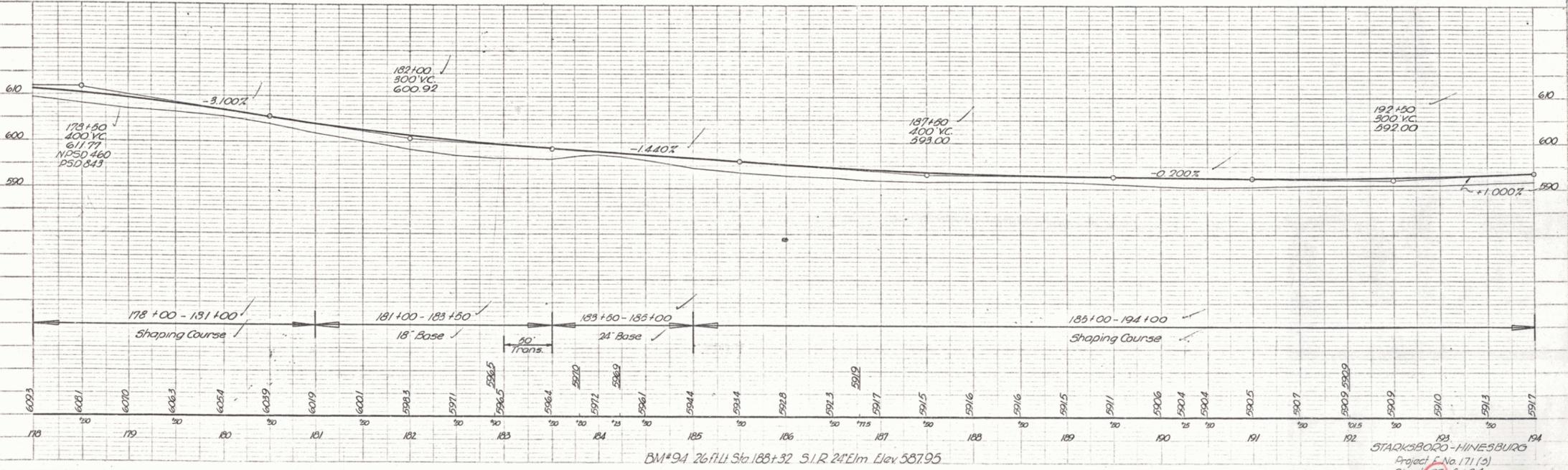
Wood Guide Posts

STA	Lt	Rt	16.96
181+46 - 183+90	10	6	
181+50 - 183+30	1	1	
184+71.5	1	1	
192+01.5	2	2	

PLAN  
 DRAWN BY  
 CHECKED BY  
 DATE  
 12/52



PROFILE  
 DRAWN BY  
 CHECKED BY  
 DATE  
 12/52



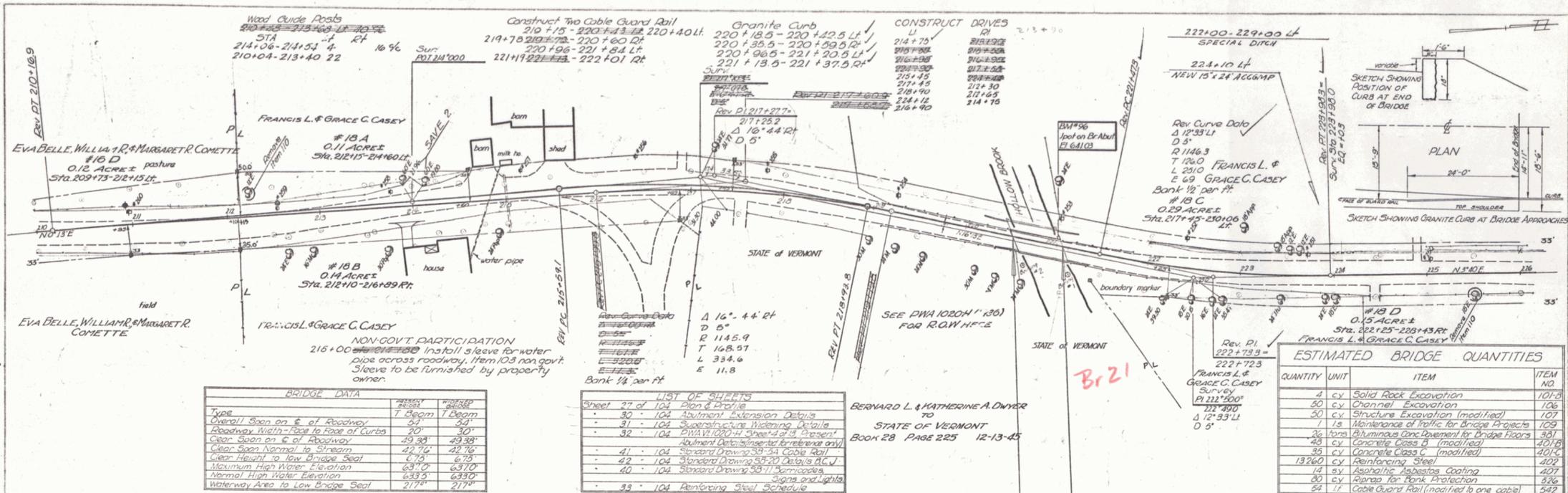
BM\*94 26 ft Lt Sta 188+32 S.I.R. 24" Elm Elev 587.95

183  
 STARKSBORO - HINESBURG  
 Project E No. 171 (3)  
 Sheet 25 of 104



9/20  
17/20  
9/20  
17/20  
9/20  
17/20

9/20  
17/20  
9/20  
17/20  
9/20  
17/20



**ESTIMATED BRIDGE QUANTITIES**

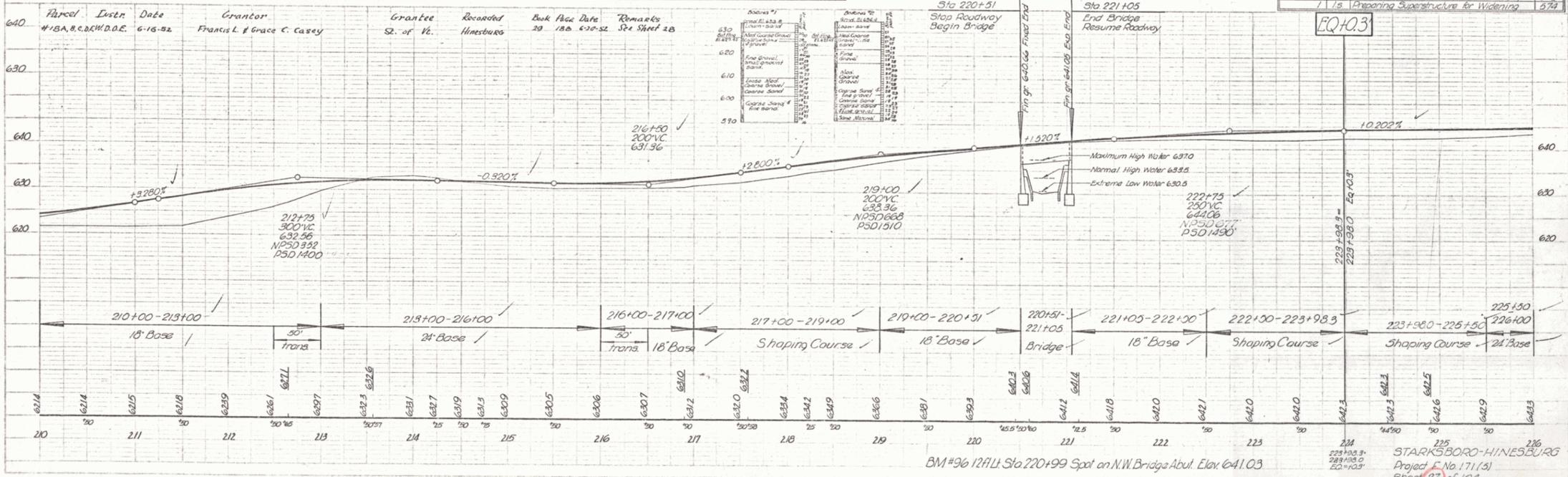
QUANTITY	UNIT	ITEM	ITEM NO.
4	cy	Solid Rock Excavation	101.5
50	cy	Channel Excavation	106
50	cy	Structure Excavation (modified)	107
7	ls	Maintenance of Traffic for Bridge Projects	109
36	tons	Aluminous Concrete for Bridge Floors	387
43	cy	Concrete Class B (modified)	401.8
35	cy	Concrete Class C (modified)	401.5
13260	cy	Reinforcing Steel	402
14	sy	Asphaltic Asbestos Coating	407
80	cy	Gravel for Bank Protection	526
54	l	Cable Guard Rail (modified to one cable)	547
1	ls	Preparing Superstructure for Widening	574

**BRIDGE DATA**

Type	Span	Clearance
Overall Span on E. of Roadway	207'	52'
Roadway Width from Face of Curbs	70'	30'
Clear Span on S. of Roadway	49.38'	49.38'
Clear Span Normal to Stream	42.74'	42.74'
Clear Height to Low Bridge Seat	6.75'	6.75'
Maximum High Water Elevation	631.0'	631.0'
Normal High Water Elevation	635.9'	635.9'
Waterway Area to Low Bridge Seat	2178'	2178'

**LIST OF SHEETS**

Sheet	Description
30	104 Plan & Profile
31	104 Abutment Extension Details
32	104 Superstructure Widening Details
41	104 Standard Drawing 59-54 Cable Rail
42	104 Standard Drawing 59-20 Details of U
40	104 Standard Drawing 35-11 Paradoes
33	104 Reinforcing Steel Schedule

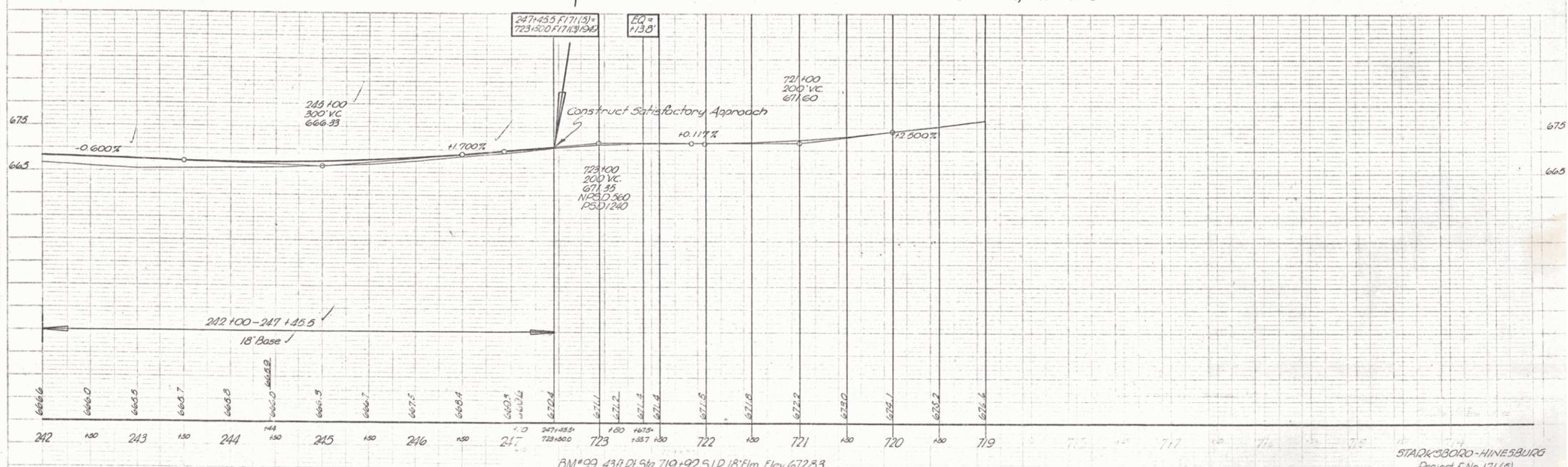
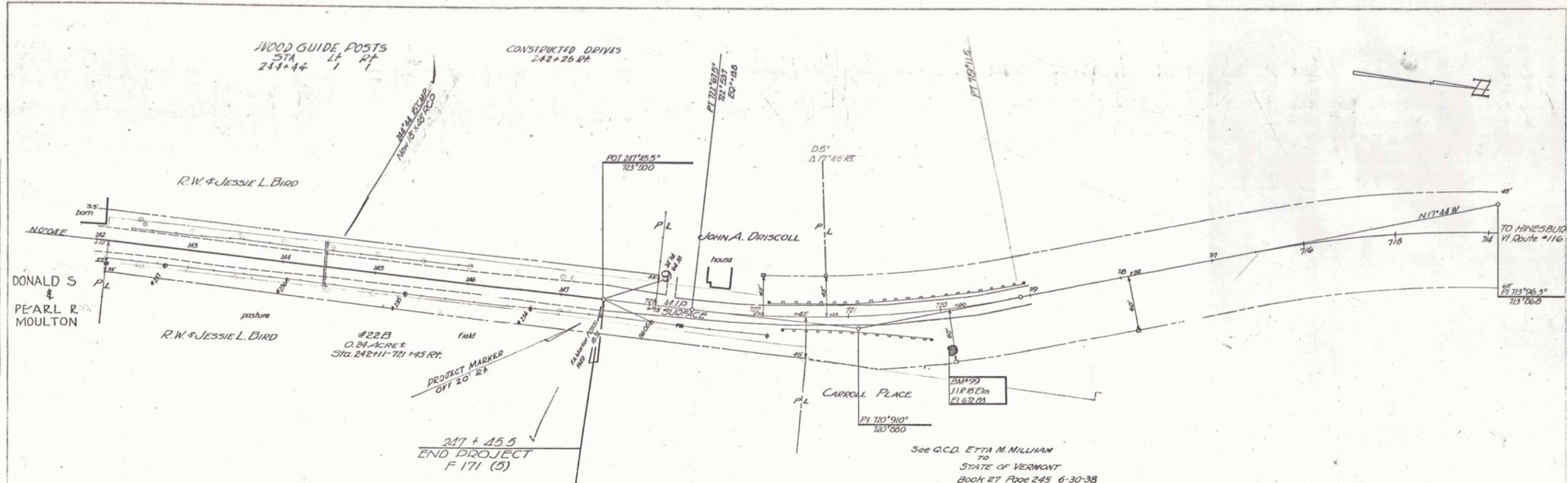


BM #96 12 ft. Sta 220+99 Spot on N.W. Bridge Abut. Elev. 641.03  
 STARKSBORO-HINESBURG  
 Project No. 171(5)  
 Sheet 27 of 104



PLAN	DATE	BY
REVISION		
NO. 1	1/20	WLD
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		

REVISION	DATE	BY
NO. 1	1/20	WLD
NO. 2		
NO. 3		
NO. 4		
NO. 5		
NO. 6		
NO. 7		
NO. 8		
NO. 9		
NO. 10		



STAIRSBORO-HINESBURG  
 Project F No 171 (5)  
 Sheet 19 of 104