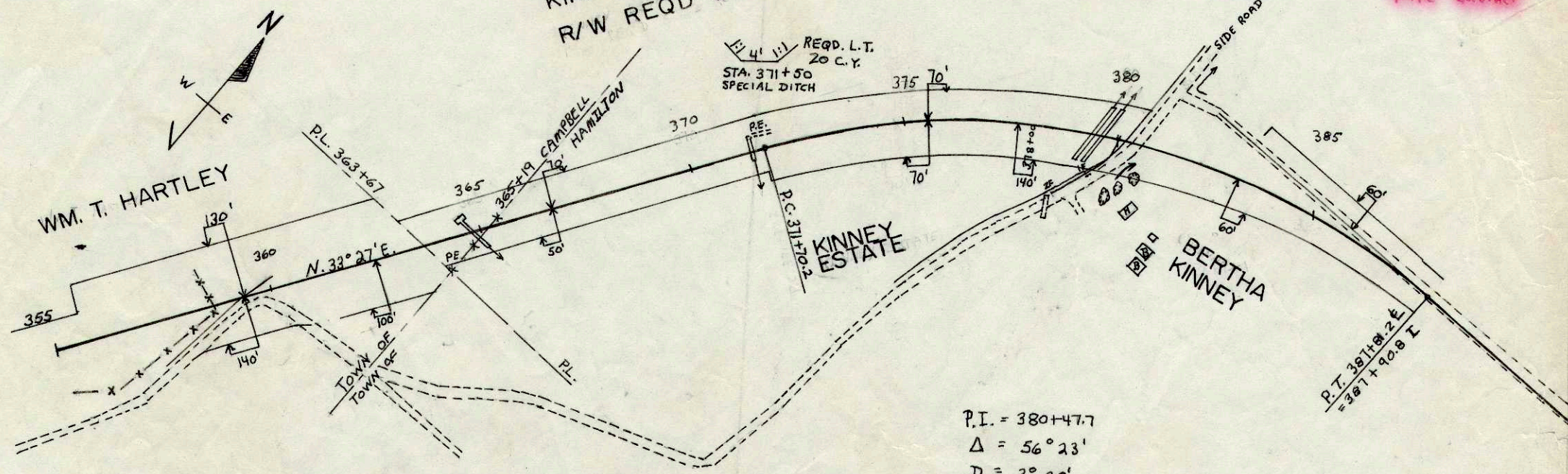


S.T.H. "16"
 File w/Plan #189 - Small
 File Cabinet

KINNEY ESTATE
 R/W REQ'D - 5.02 AC.



BENCHMARKS

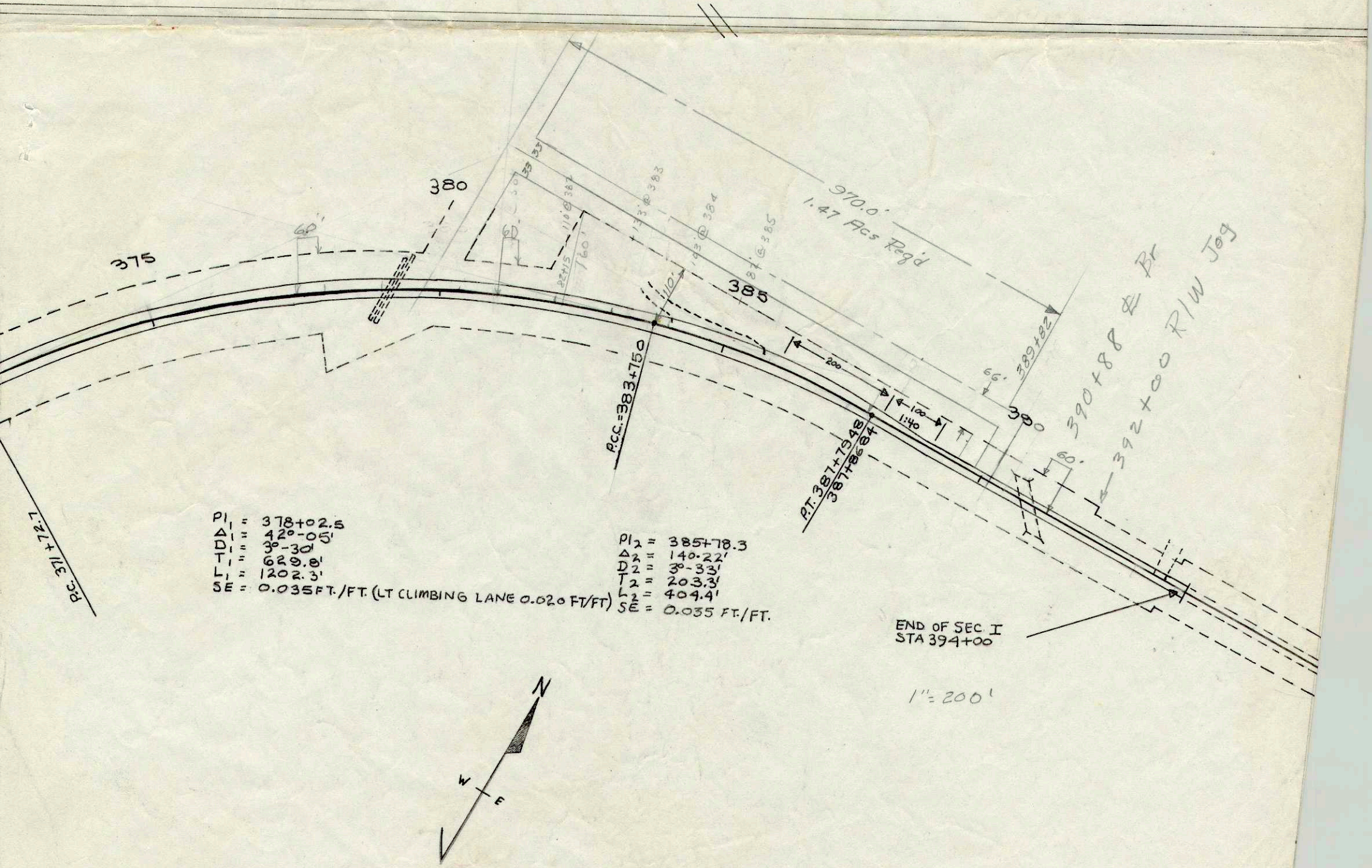
STANO.	DESCRIPTION	EL.
357.50	35 SPIKE in 10" Poplar - Rt.	910.85
362.00	36 " " 30" Oak - 100' Rt.	900.00
381.25	37 " " 36" Maple - 125' Rt.	756.16

1" = 29,000 c.f.

P.I. = 380+47.7
 $\Delta = 56^\circ 23'$
 $D = 3^\circ 30'$
 $T = 877.5'$
 $L = 1611.0'$
 $S = 0.035'/FT.$

STA. 379+00 P.E. RT.
 18" X 22' CG.S.M.C.P. REQ'D.

NET LENGTH OF CENTERLINE - MILE No. 3
 STA. 317+71.8 TO STA. 385+76.3 = 6774.9 LF.

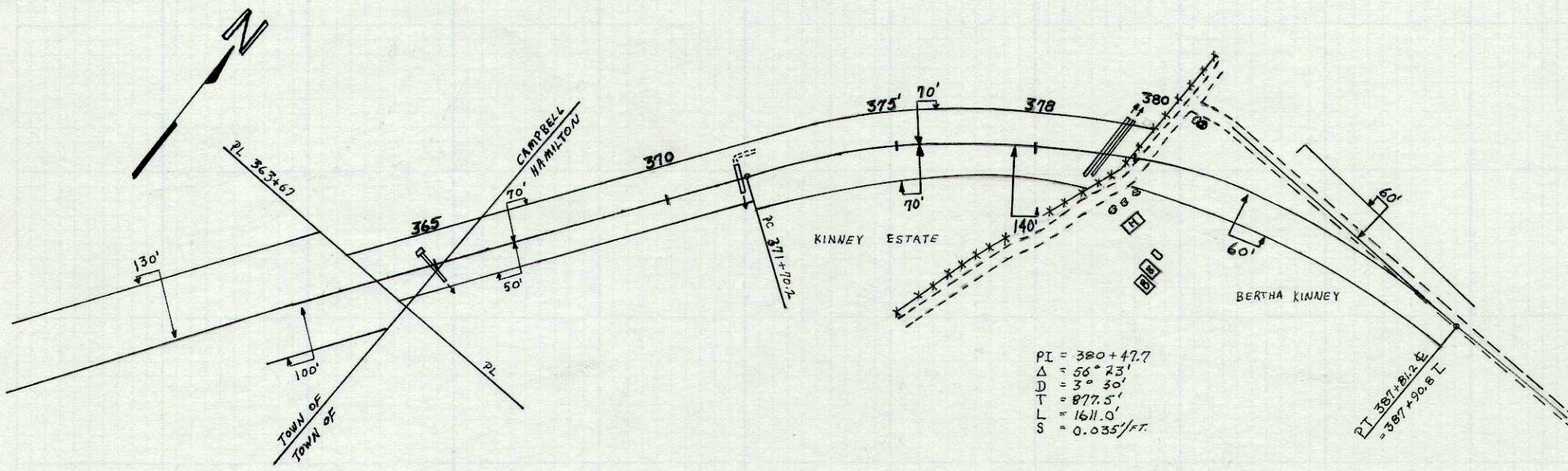


$P.I._1 = 378+02.5$
 $\Delta_1 = 42^\circ-05'$
 $D_1 = 3^\circ-30'$
 $T_1 = 629.0'$
 $L_1 = 1202.3'$
 $SE = 0.035 FT./FT. (LT CLIMBING LANE 0.020 FT/FT)$

$P.I._2 = 385+78.3$
 $\Delta_2 = 140-22'$
 $D_2 = 3^\circ-33'$
 $T_2 = 203.3'$
 $L_2 = 404.4'$
 $SE = 0.035 FT./FT.$

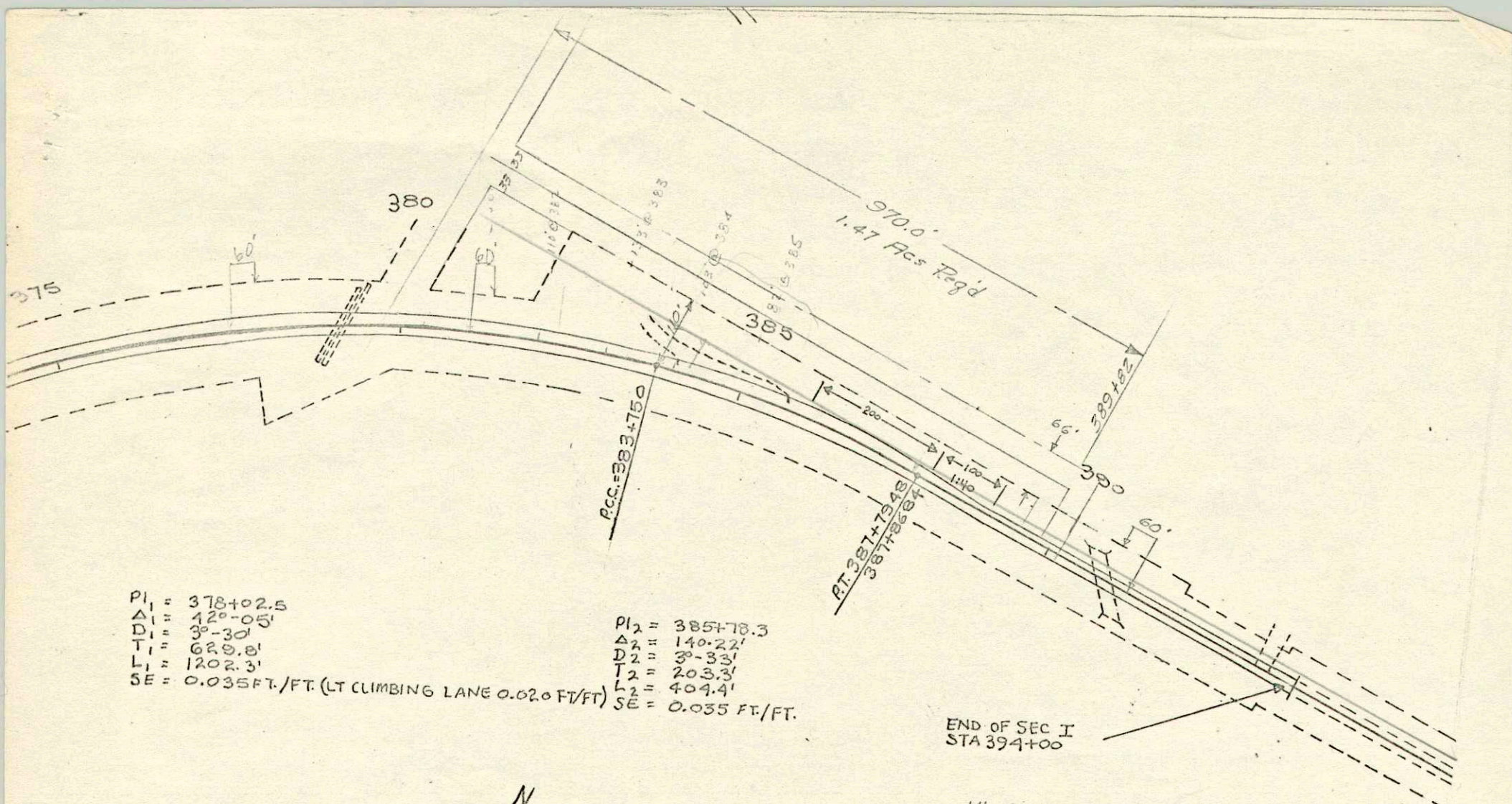
END OF SEC I
 STA 394+00

1" = 200'



PI = 380+47.7
 $\Delta = 56^\circ 23'$
 D = 3" 30'
 T = 877.5'
 L = 1611.0'
 S = 0.035'/ft.

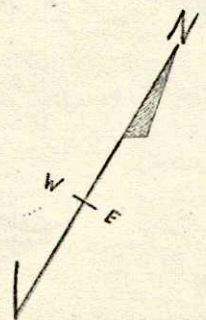
STA. 379+50
 2-3" X 126' R.C.C.P. REQ'D.
 SKEW 30° LHF



PI ₁ = 378+02.5	PI ₂ = 385+78.3
Δ ₁ = 42°-05'	Δ ₂ = 140-22'
D ₁ = 3°-30'	D ₂ = 3°-33'
T ₁ = 629.8'	T ₂ = 203.3'
L ₁ = 1202.3'	L ₂ = 404.4'
SE = 0.035 FT./FT. (LT CLIMBING LANE 0.020 FT/FT)	SE = 0.035 FT./FT.

END OF SEC I
STA 394+00

1" = 20'



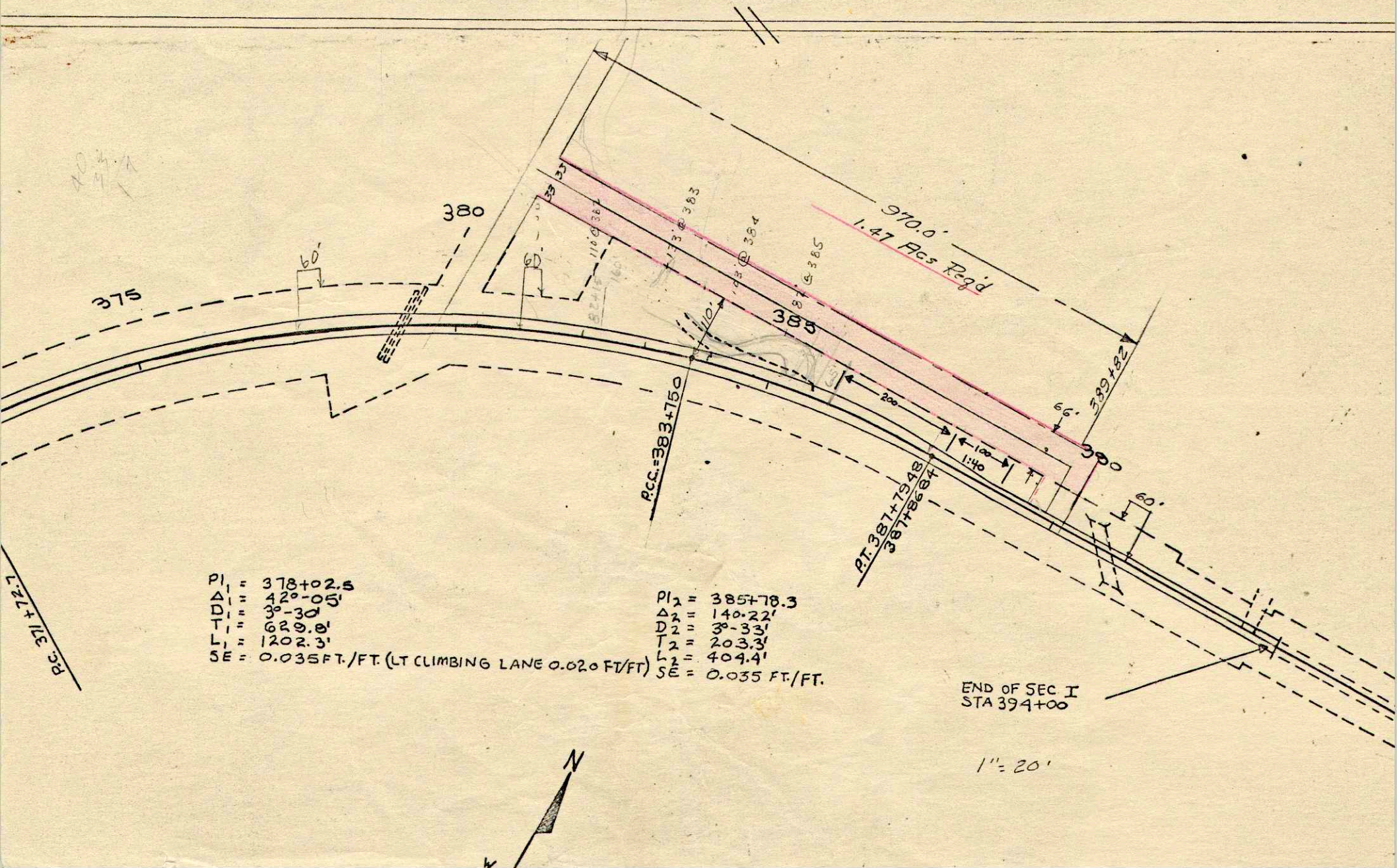
STANO.	DESCRIPTION	EL.
357.50	35 SPIKE in 10" Poplar - Rt.	910.85
362.00	36 " " 30" Oak - 100' Rt.	900.00
381.25	37 " " 36" Maple - 125' Rt.	756.16

1" = 29,000 c.Y.

S = 0.035'/FT.

STA. 379+00 P.E. RT.
18" X 22' CG-SM.C.P. REQD.

NET LENGTH OF CENTERLINE - MILE A
STA. 317+71.8 TO STA. 385+76.3 = 67



$PI_1 = 378+02.5$
 $\Delta_1 = 42^\circ-05'$
 $D_1 = 3^\circ-30'$
 $T_1 = 629.0'$
 $L_1 = 1202.3'$
 $SE = 0.035 \text{ FT./FT. (LT CLIMBING LANE } 0.020 \text{ FT/FT)}$

$PI_2 = 385+78.3$
 $\Delta_2 = 140.22'$
 $D_2 = 3^\circ-33'$
 $T_2 = 203.3'$
 $L_2 = 404.4'$
 $SE = 0.035 \text{ FT./FT.}$

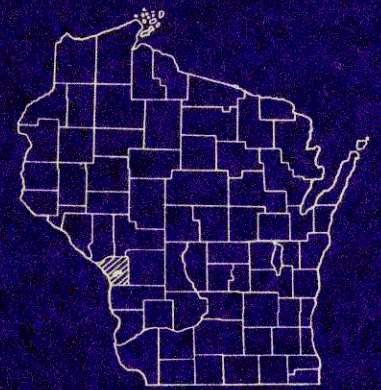
END OF SEC I
STA 394+00

1" = 20'

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.1	18.1	21.5		4	1	16

INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2-2.1 TYPICAL CROSS SECTIONS
- SHEET NO. 2 ESTIMATE OF QUANTITIES
- SHEET NO. 2A MISCELLANEOUS QUANTITIES
- SHEET NO. — RIGHT OF WAY PLAT
- SHEET NO. 3-8 PLAN AND PROFILE STA. 319+72 TO STA. 394+00
421+00 TO STA. 499+00
- SHEET NO. 9-10 STANDARD DETAILS
- SHEET NO. — DRAINAGE STRUCTURES
- SHEET NO. 11-16 CROSS SECTIONS



STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

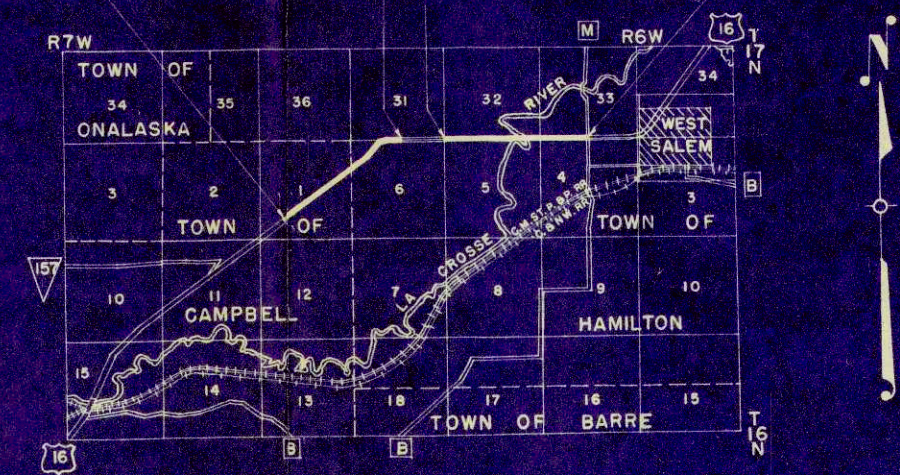
PLAN AND PROFILE OF PROPOSED
LA CROSSE—WEST SALEM
NIGGER NATHAN AND WATERLOO HILLS
LA CROSSE COUNTY
PROJECT T 018-1(5)

SECTION 1 BEGINNING AT A POINT APPROXIMATELY 500 FEET SOUTH OF THE CENTER OF THE S.W.1/4 OF SECTION 1, T.16N., R.7W. AND EXTENDING NORTHEASTERLY TO A POINT NEAR THE NORTH 1/4 CORNER OF SECTION 6, T.16N., R.6W.

SECTION 2 BEGINNING AT A POINT NEAR THE N.W. CORNER OF SECTION 5, T.16N., R.6W. AND EXTENDING EASTERLY TO A POINT NEAR THE NORTH 1/4 CORNER OF SECTION 4, T.16N., R.6W.

SCALES PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.
CROSS SECTIONS HOR. 1 IN. = 5 FT. VERT. 1 IN. = 5 FT.

STATION 319+72 BEGINNING OF PROJECT T 018-1(5) (SECTION 1)
STATION 394+00 END OF (SECTION 1)
STATION 421+00 BEGINNING OF (SECTION 2)
STATION 499+00 END OF PROJECT T 018-1(5) (SECTION 2)



CONVENTIONAL SIGNS

- | | |
|--------------------------------|---------------------------------------|
| STATE LINE..... | CULVERTS IN PLACE..... |
| COUNTY LINE..... | CULVERTS REQUIRED..... |
| TOWNSHIP OR RANGE LINE..... | DROP INLET..... |
| SECTION LINE..... | POWER POLE..... |
| NEW RIGHT OF WAY LINE..... | TELEPHONE OR TELEGRAPH POLE..... |
| PRESENT RIGHT OF WAY LINE..... | RIGHT OF WAY MARKERS..... |
| WIRE FENCE { WOVEN..... | REFERENCE STAKE FOR HUBS ONLY..... |
| { BARBED..... | MARSH..... |
| LOT LINE..... | HEDGE..... |
| CORPORATE OR CITY LIMITS..... | TREES..... |
| PROPERTY LINE..... | GROUND ELEVATION..... DATUM LINE 73.9 |
| TRAVELED WAY OR R.E..... | GRADE ELEVATION..... DATUM LINE 73.16 |
| RAILROADS..... | |
| BASE OR SURVEY LINE..... | |

LAYOUT

SCALE 1" = 1 MILE

SECTION 1 NET LENGTH OF CENTERLINE = 1.399 MI.
SECTION 2 " " " " = 1.477 MI.
TOTAL NET LENGTH OF CENTERLINE = 2.876 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS	
SURVEYOR: W.H.T.	NOTE BOOK: B107	RECOMMENDED FOR APPROVAL:	
DISTRICT COMPUTER: W.J.H.	M.O. CHECKER:		
DISTRICT CHECKER: R.G.J.	CORRECT:	DISTRICT ENGINEER: _____ DATE: _____	
DATE: 2-6-56	<i>W.L. J. J. J.</i> DISTRICT ENGINEER	APPROVED:	
RECOMMENDED FOR APPROVAL:	DATE: 2/16/56	DIVISION ENGINEER: _____ DATE: _____	
APPROVED:	<i>J. J. P.</i> ENGINEER OF DESIGN		
DATE: 2/16/56	<i>F.C. R.</i> STATE HIGHWAY ENGINEER		

T 018-1(5)

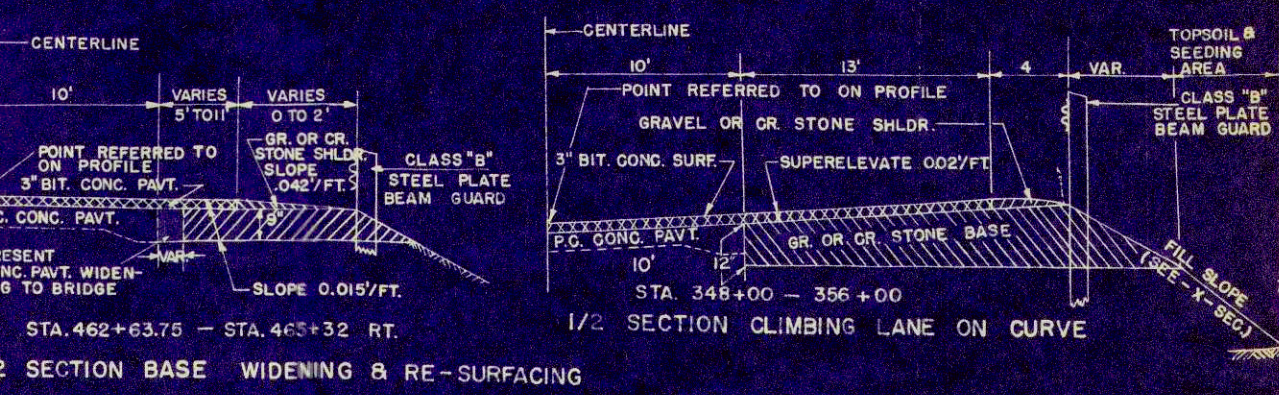
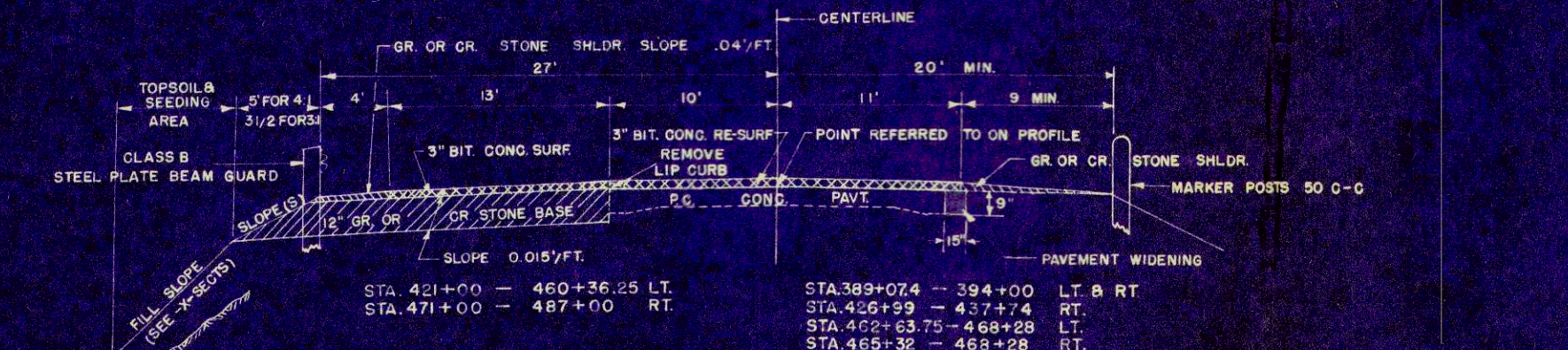
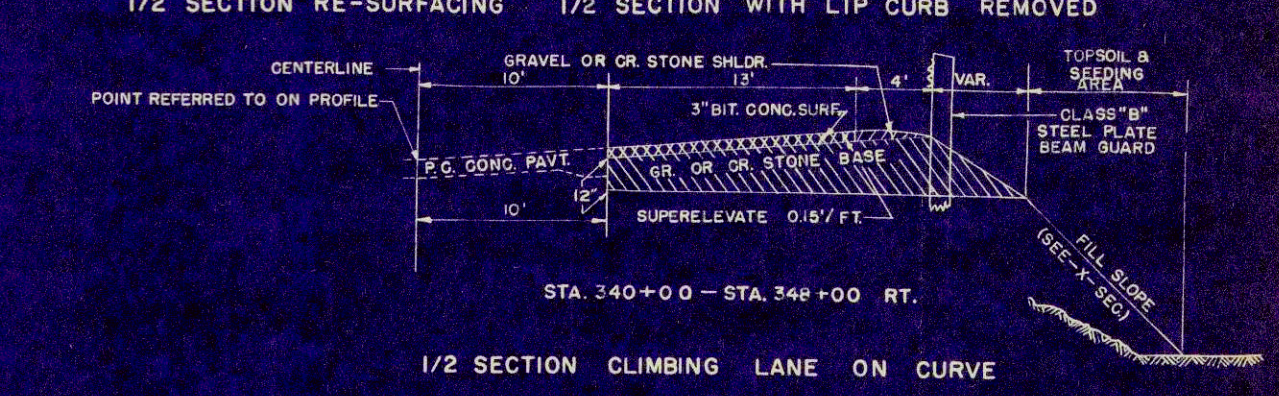
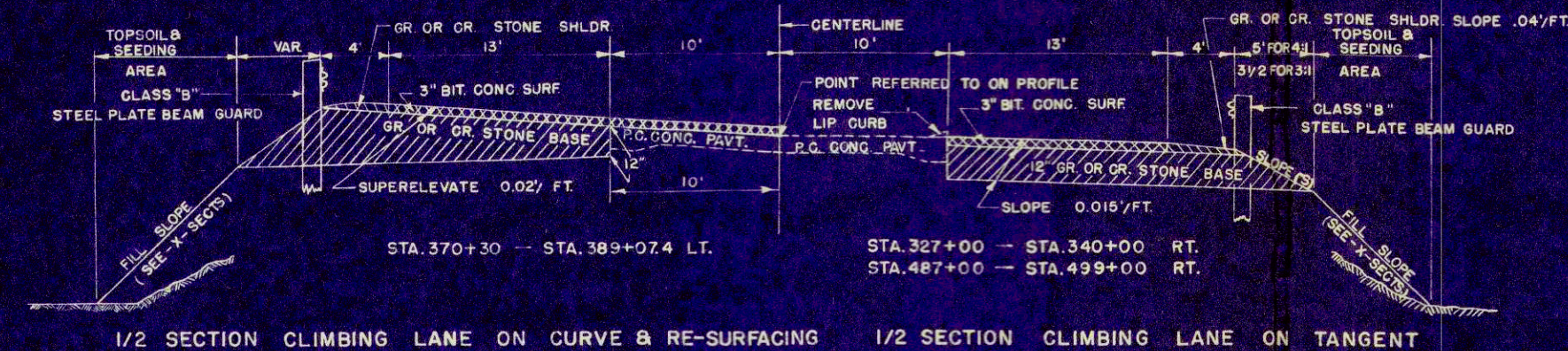
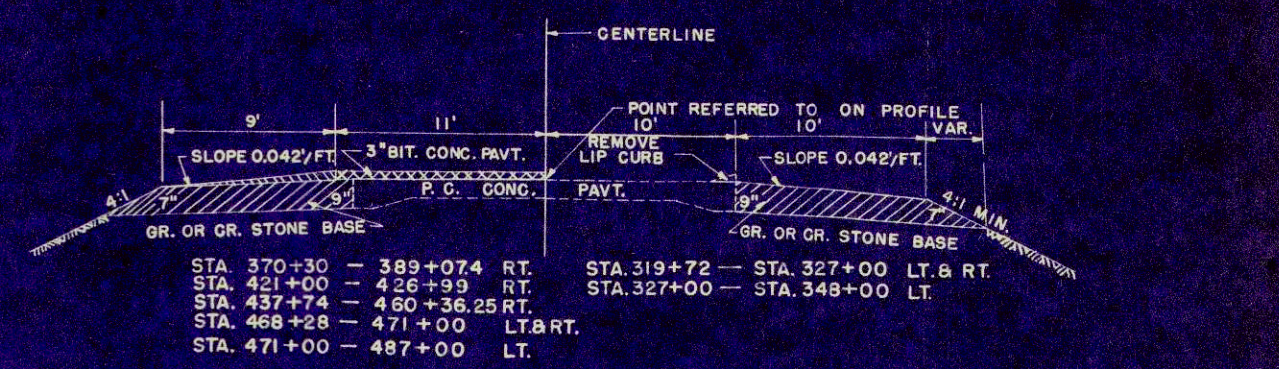
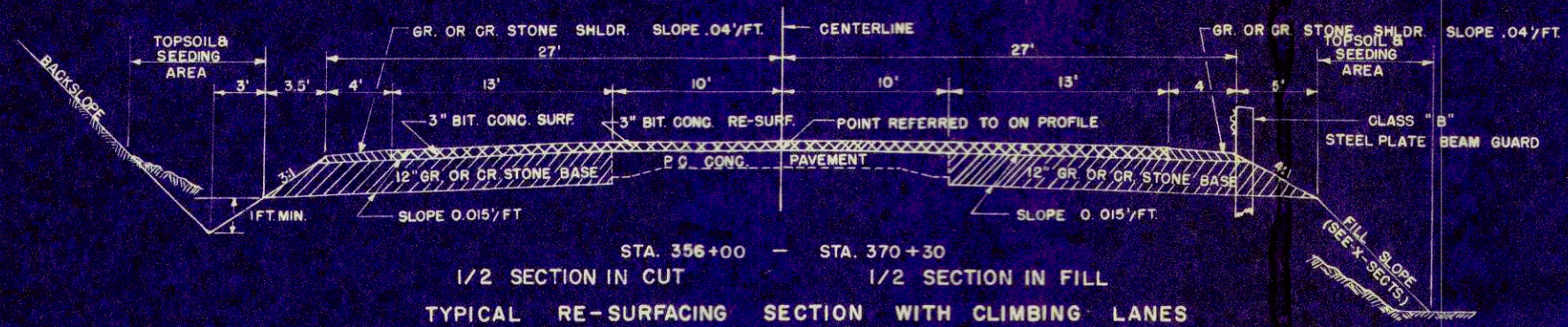
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

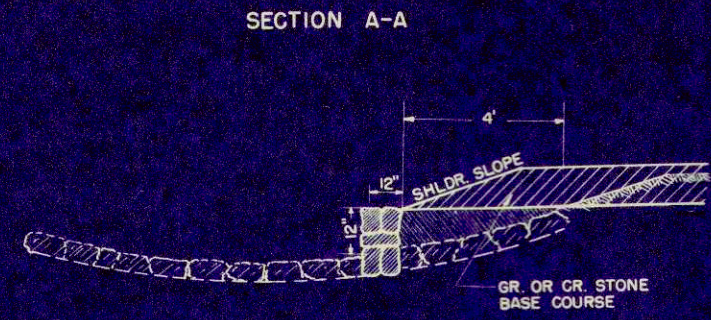
THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1951 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS

PROJECT	SHEET NUMBER	TOTAL SHEETS
TO18-1(5)	2	16

SECTION NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	EXCAVATION			SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	CULVERT PIPE			RIP RAP	GUARD FENCE			MARKER POSTS FOR R/W	PREP OF ROAD SURF.	BIT. MAT. FOR PRIME COAT	BIT. MAT. FOR SURF. COURSE	BIT. CONC. PAVT.	BIT. CONC. WIDENING	MORTAR MASONRY	REMOVING GUARD RAIL	REMOVING LIP CURB	REMOVING SURF. DRAINS	RECONSTRUCTING INLETS	STEEL PLATE BEAM GUARD (CLASS B)	TOPSOIL		SEEDING			
			UNCLASSIFIED	210-5	210-					210-1	REINF. 24"	REINF. 30"		CORR. METAL 18"	2512-1	2523-													2523-	2523-3		2523-4	2310-1	2311-1
UNIT	LIN. FT.		C.Y.	C.Y.	C.Y.	C.Y.	STA.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.	EACH	EACH	STA.	GAL.	TON	TON	S.Y.	C.Y.	LIN. FT.	LIN. FT.	EACH	EACH	LIN. FT.	SQ. YD.	SQ. YD.	CWT	SQ. YD.
1	319+72 — 394+00	7387.5			9900						24	8	100					45	46	3150	237.65	3767.8	233	6	8540	8469	19	1	7082					
2	421+00 — 499+00	7800.0			6700						0	0	0					92	65	3010	280.55	4448.2	178	27	3750	8690	20		1580					
TOT.		15,187.5			16,600						24	8	100					137	111	6160	518.2	8216	411	33	12,290	17,159	39	1	8662					

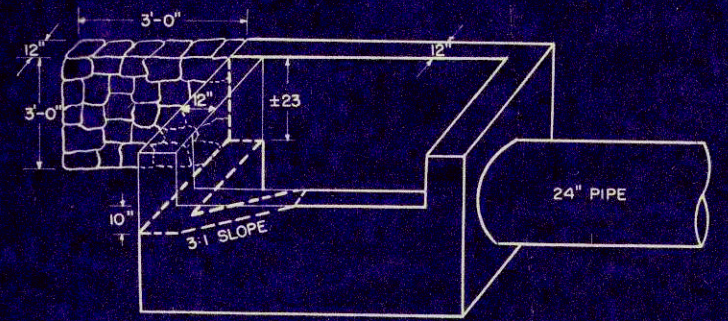
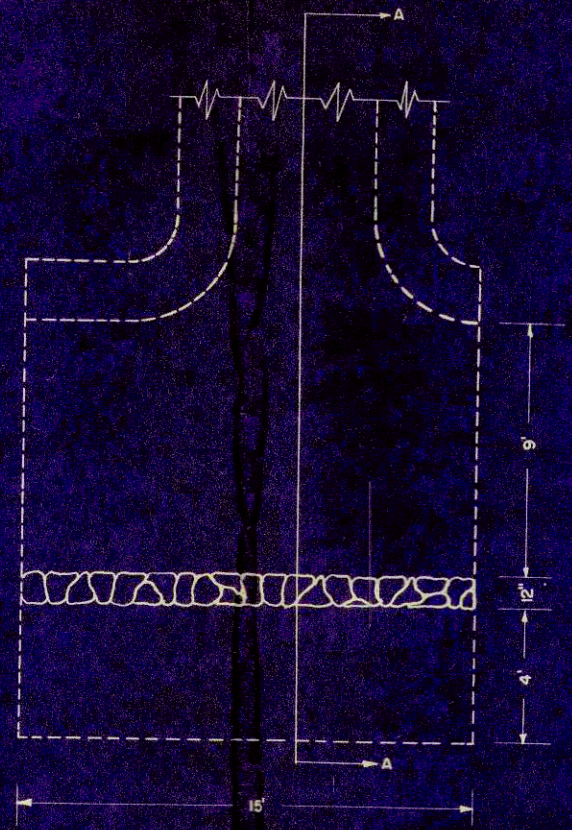


- APPROVED APPLICABLE DETAIL DRAWINGS
- 7-1.3.2 MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY
 - 7-2.4.1. CLASS "B" STEEL PLATE BEAM GUARD & STEEL BEAM MEDIAN GUARD

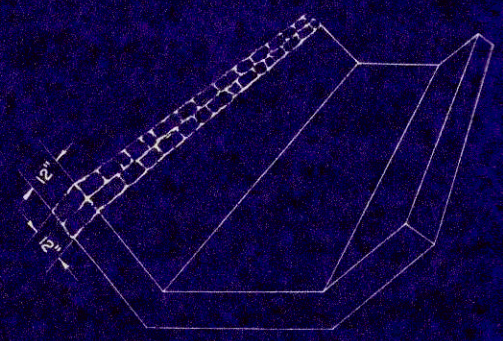


RECONSTRUCTION OF FLUME
STA. 448 + 75 LT.

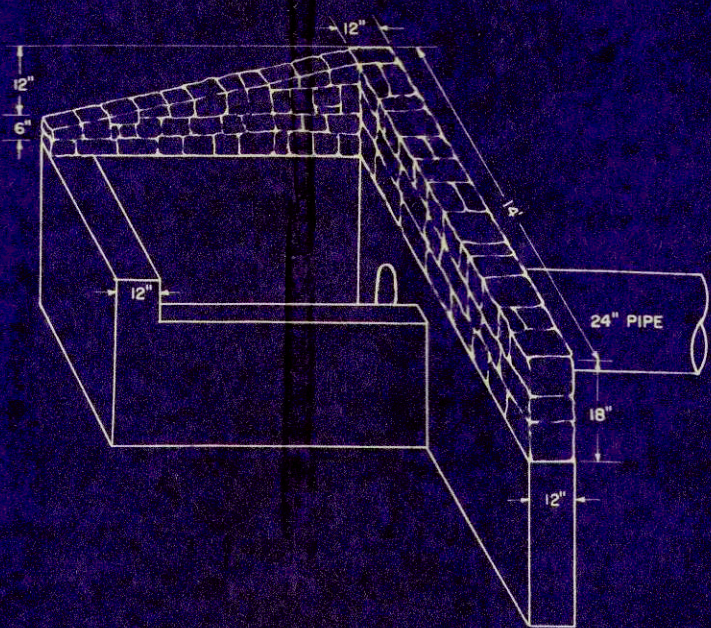
PLAN VIEW
OF FLUME STA. 448 + 75 LT.



RECONSTRUCTION OF INLET STA. 354 + 50 RT.
(MORTAR RUBBLE MASONRY NOT INCLUDED IN THIS ITEM)

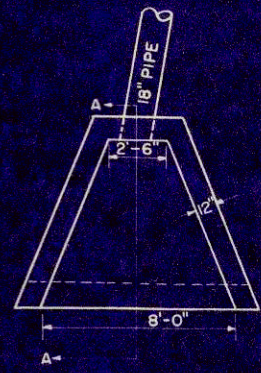


RECONSTRUCT PAVED DITCH 25.7 C.Y.
STA. 476 + 36 - STA. 483 + 32 RT.

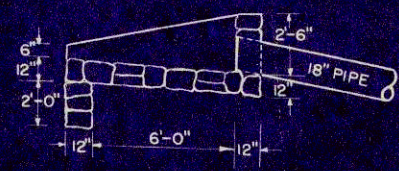


DETAIL OF MORTAR RUBBLE MASONRY WALL
AT EXISTING INLET STA. 364 + 27 LT.

PLAN VIEW



SECTION A-A

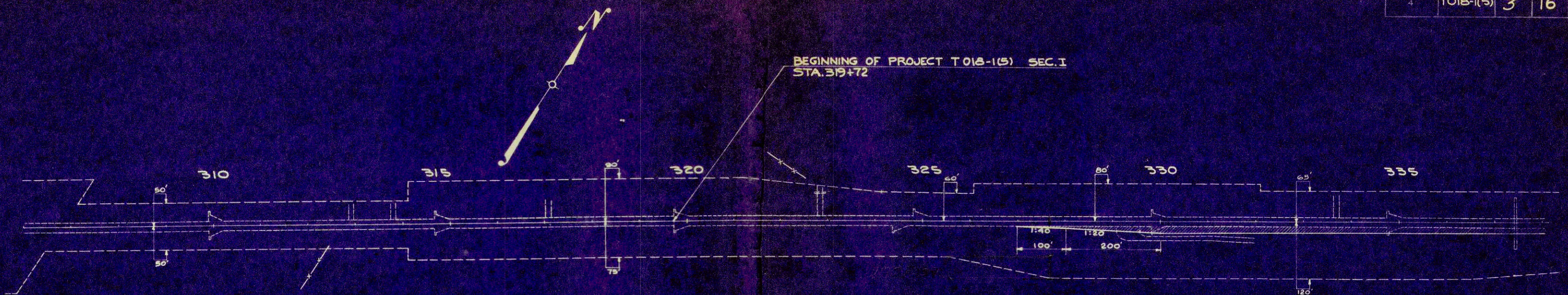


MORTAR RUBBLE MASONRY INLET
STA. 363 + 98 RT.

MISCELLANEOUS DETAILS

DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	TO18-1(5)	3	16

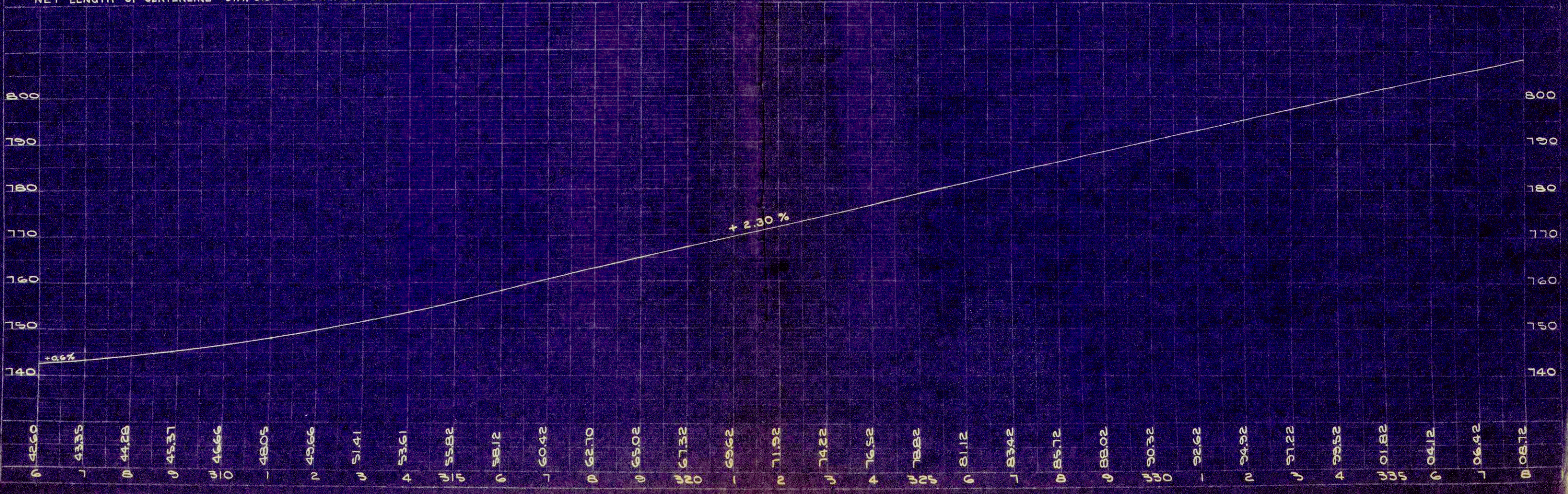
DATE: 5-21-51
 DRAWN: RWF
 CHECKED: [Signature]
 PROJECTED: [Signature]
 NOTE BOOK: [Signature]
 PLAN NO: 3107



BEGINNING OF PROJECT T 018-1(5) SEC. I
 STA. 319+72

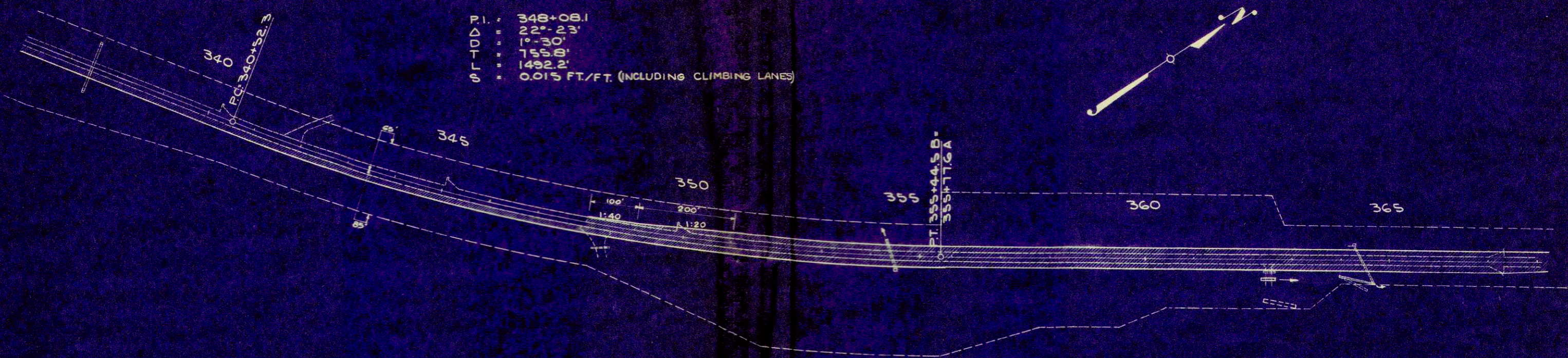
NET LENGTH OF CENTERLINE STA. 319+72 - STA. 338+00 = 1828.0 LIN. FT.

DATE: 5-21-51
 DRAWN: RWF
 CHECKED: [Signature]
 PROJECTED: [Signature]
 NOTE BOOK: [Signature]
 PROFILE NO: 3107



S.P.N. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	TO18-1(S)	4	16

P.I. = 348+08.1
 Δ = 22°-23'
 D = 1°-30'
 T = 755.8'
 L = 1492.2'
 S = 0.015 FT./FT. (INCLUDING CLIMBING LANES)

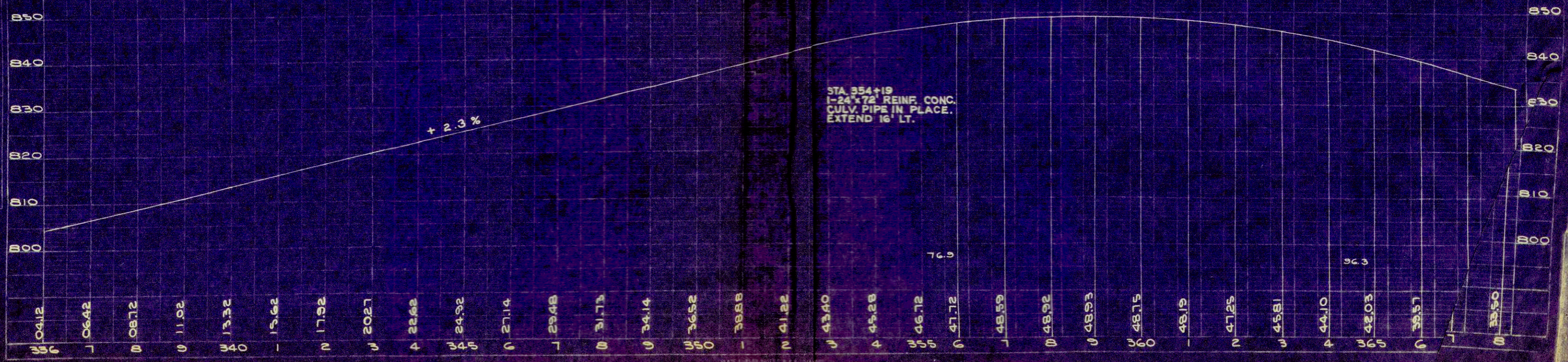


NET LENGTH OF CENTERLINE STA. 338+00 - 368+00 = 2966.9 LIN. FT.

STA. 319+72 TO STA. 388+35
 UNCL. EXCAV. = 9900 C.Y. { 9475 C.Y. IN ROADWAY
 { 425 C.Y. NOT INCLUDED IN YDG. BAL.
 F = 7580 C.Y. @ 25% SHG.

STA. 364+65
 1-24" x 76' REINF. CONC.
 CULV. PIPE IN PLACE.
 EXTEND 8' RT.

STA. 354+19
 1-24" x 72' REINF. CONC.
 CULV. PIPE IN PLACE.
 EXTEND 16' LT.



DATE 12-25-51
 P.M. 2M
 8107

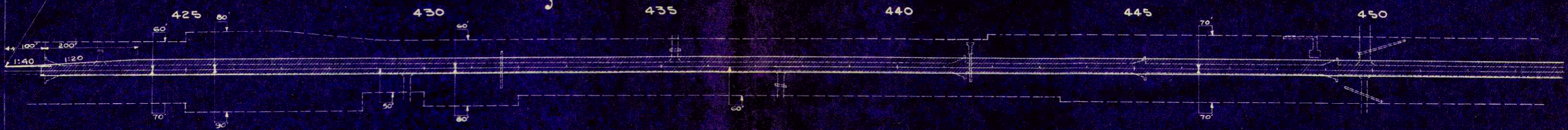
DATE 12-25-51
 P.M. 2M
 8107

DISTRICT	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	TO18-1(S)	6	16

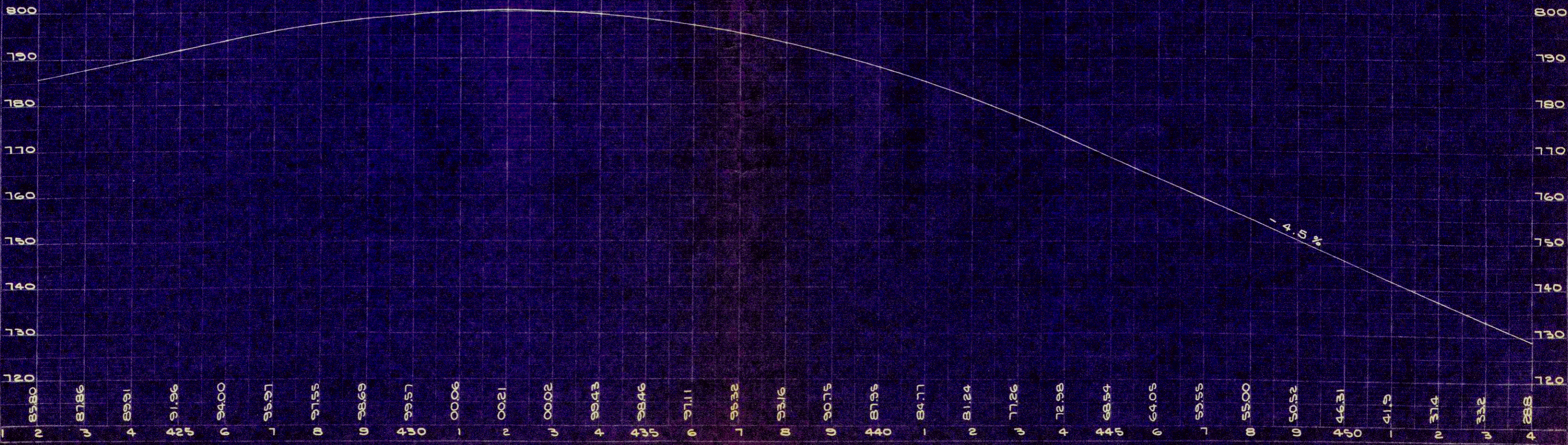
DATE 12-56
 YHC
 PLAN
 NOTE NO. 1
 NO. 6107

DATE 12-56
 YHC
 PROFILE
 NOTE NO. 1
 NO. 6107

BEGINNING OF SEC. II
 STA. 421+00

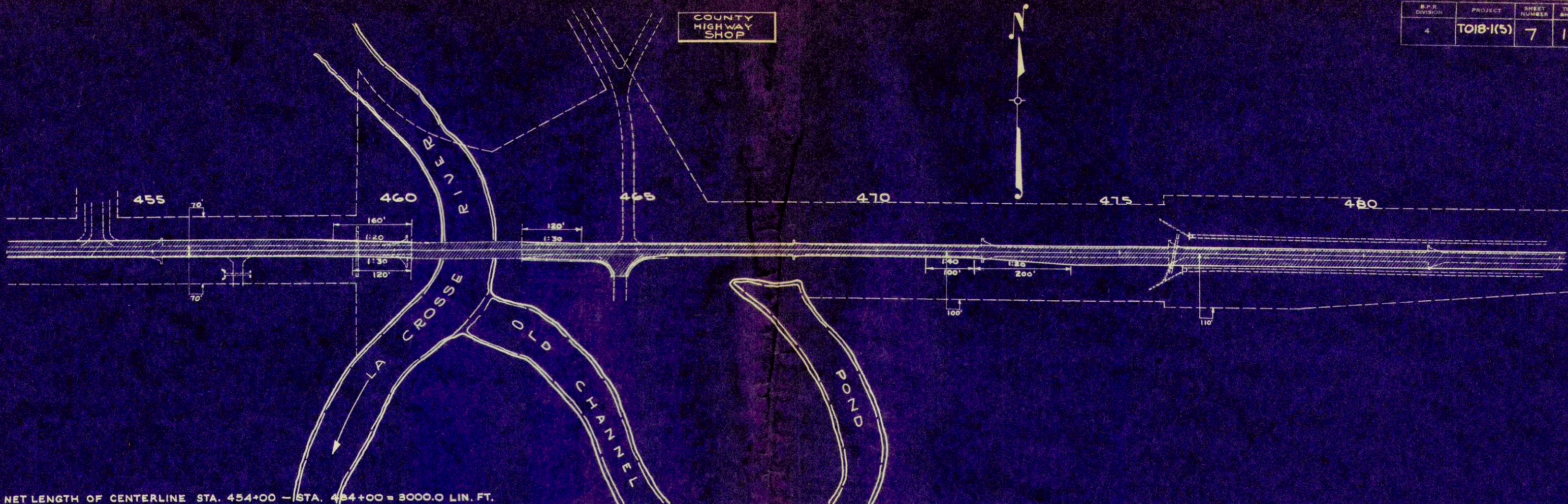


NET LENGTH OF CENTERLINE STA. 421+00 — STA. 454+00 = 3300.0 LIN. FT.



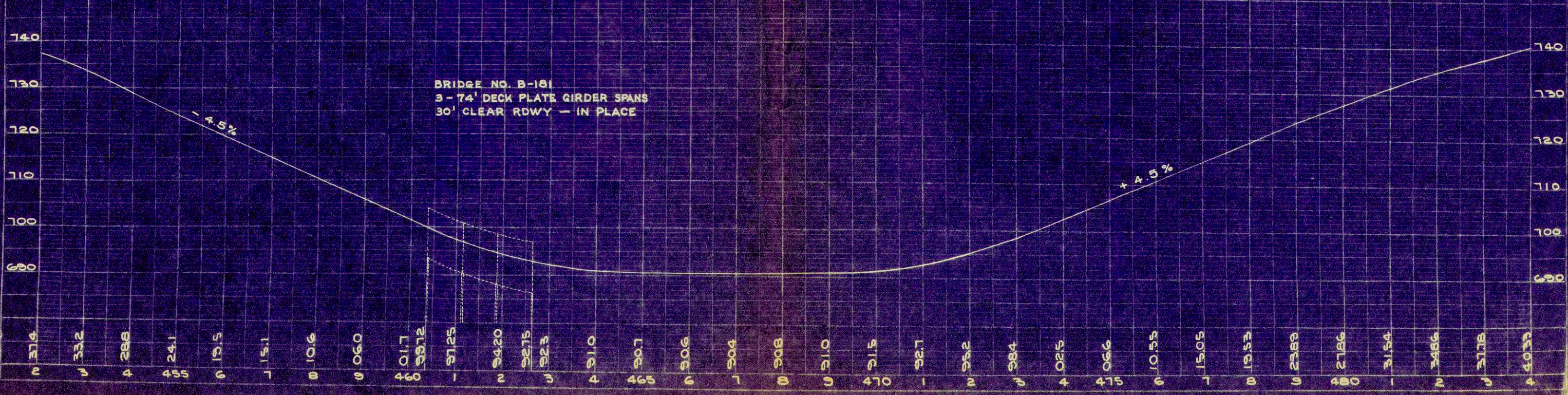
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	TO18-1(5)	7	16

COUNTY HIGHWAY SHOP



NET LENGTH OF CENTERLINE STA. 454+00 - STA. 484+00 = 3000.0 LIN. FT.

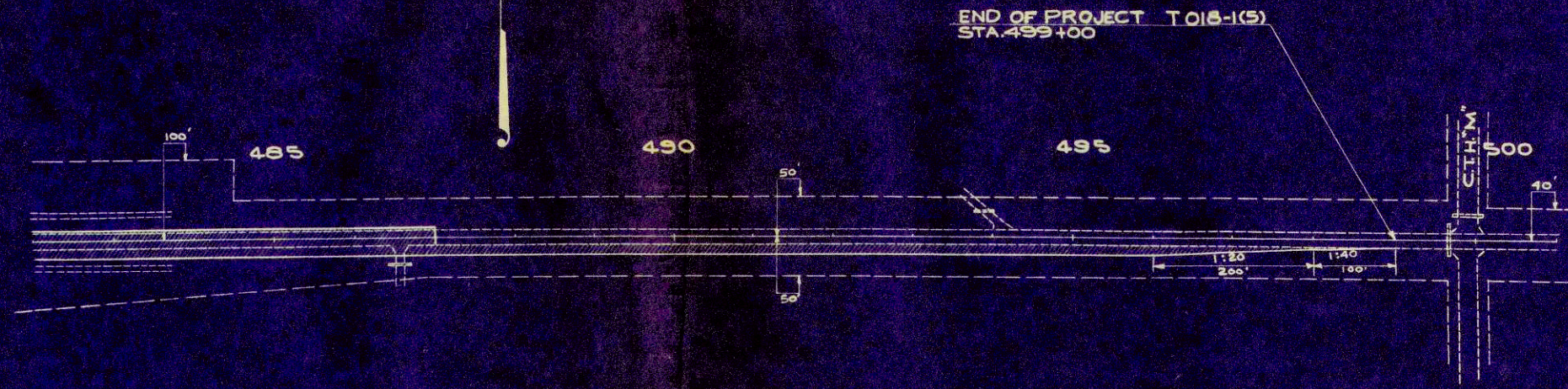
STA. 421+00 - STA. 499+00
 UNCL. EXCAV. = 6700 C.Y. (225 C.Y. IN ROADWAY, 6475 C.Y. NOT INCLUDED IN YDG. BAL.)
 F = 180 C.Y.



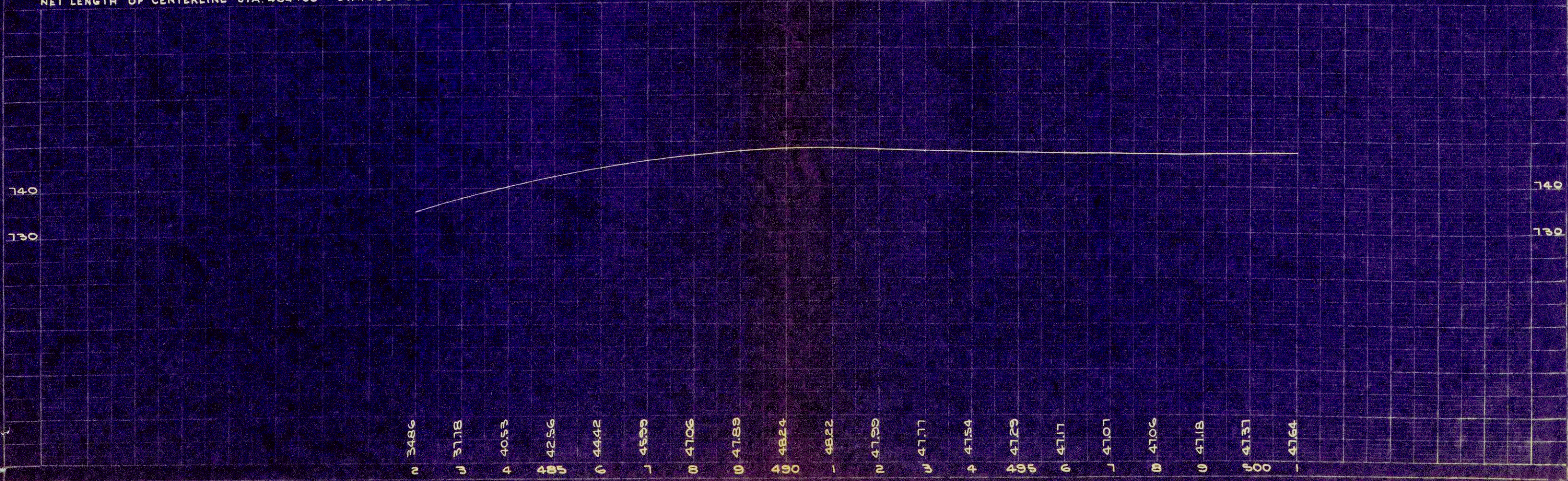
DATE: 12-56
 DRAWN BY: JWC
 CHECKED BY: JWC
 PLAN NO. 107

DATE: 12-56
 DRAWN BY: JWC
 CHECKED BY: JWC
 PROFILE NO. 107

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	T018-1(5)	8	16



NET LENGTH OF CENTERLINE STA. 484+00 - STA. 499+00 = 1500.0 LIN. FT.

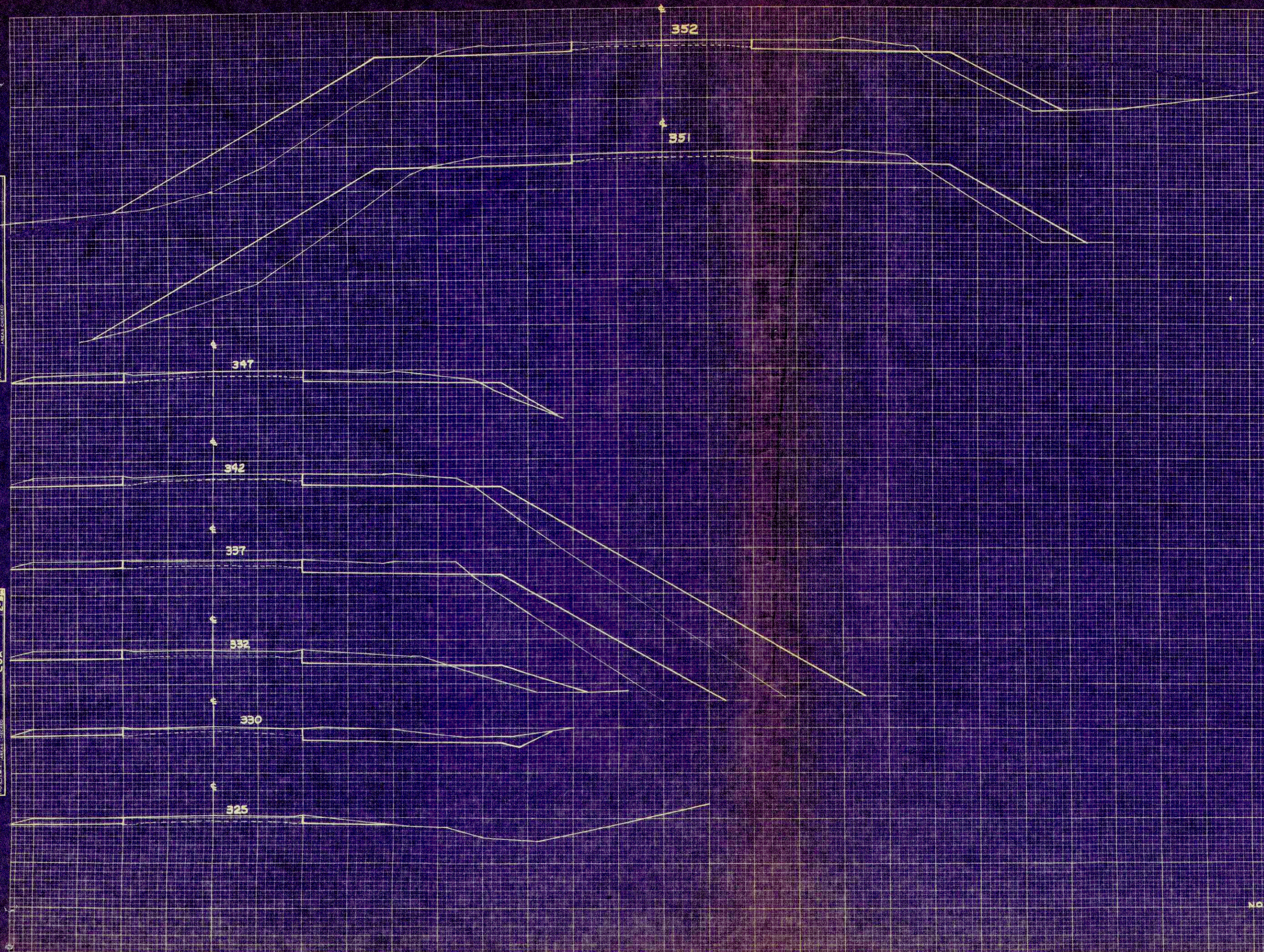


DATE 12-52
 W.H.J.
 SURVEYOR
 ALPHABETICALLY
 NO. 6107

DATE 12-52
 W.H.J.
 SURVEYOR
 ALPHABETICALLY
 NO. 6107

FINAL SURVEY
 DATE: _____
 BY: _____
 DRAWING: _____
 CHECKED: _____
 NOTE BOOK AREA: _____
 NO. _____
 AREA CHECKED: _____

ORIGINAL SURVEY
 DATE: _____
 BY: _____
 DRAWING: _____
 CHECKED: _____
 NOTE BOOK AREA: _____
 NO. _____
 AREA CHECKED: _____



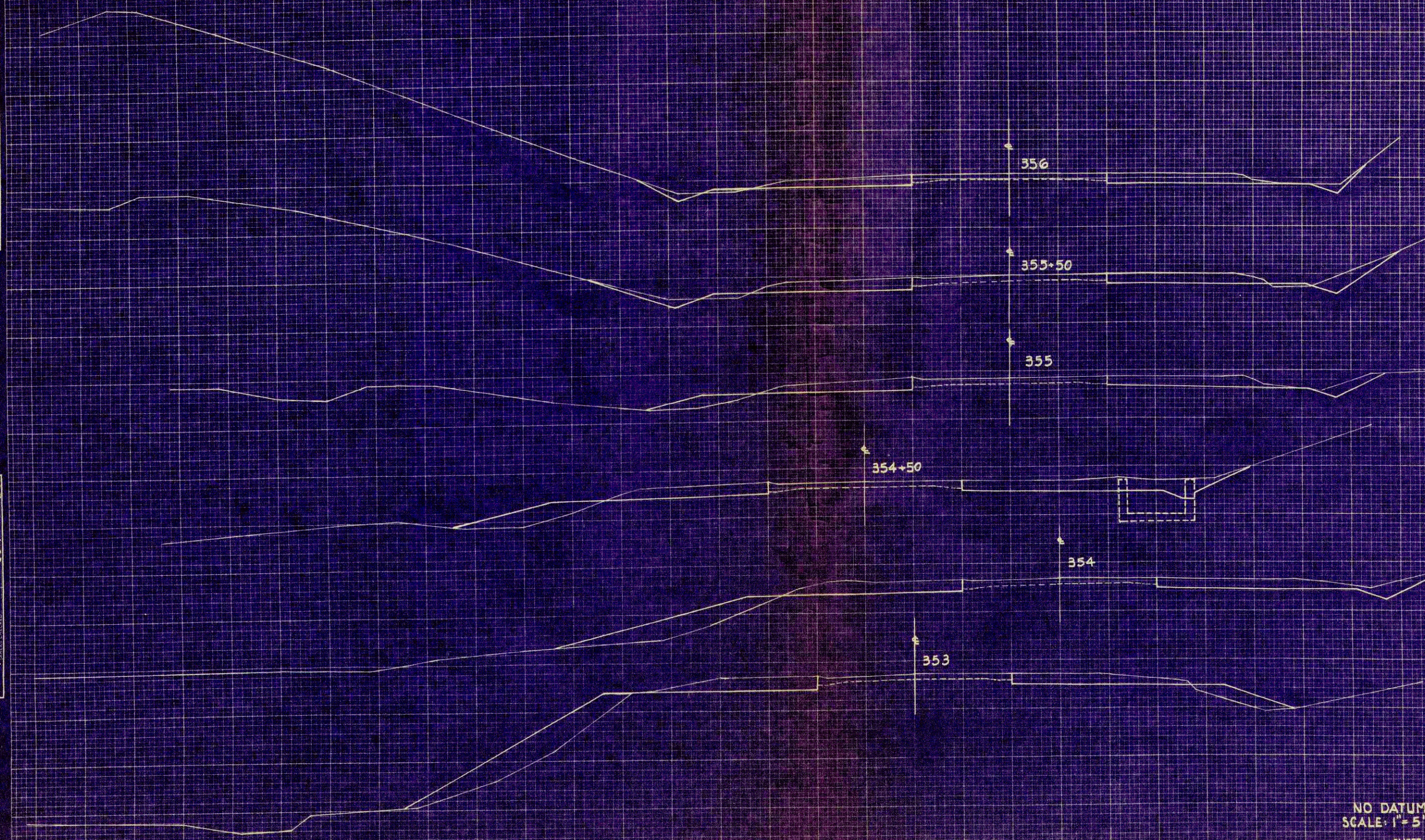
STATION	DISTANCE	YARDAGE		
		UNGLASIFIED	EXCAVATION	FILL
319 +2				
325		291		0
330		1382		0
332		285		67
337		648		849
342		676		2020
347		620		1390
351		547		1112
352		152		524
SHEET TOTAL		4601		5962

NO DATUM
 Scale
 1" = 5'

P.R.A. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. IN	TO10-1(5)	12	16

FINAL SURVEY
 SURVEYED BY: [blank]
 PLOTTED BY: [blank]
 NOTE BOOK NO. [blank]
 AREA CHECKED BY: [blank]

ORIGINAL SURVEY
 SURVEYED BY: [blank]
 PLOTTED BY: [blank]
 NOTE BOOK NO. 8107
 AREA CHECKED BY: [blank]

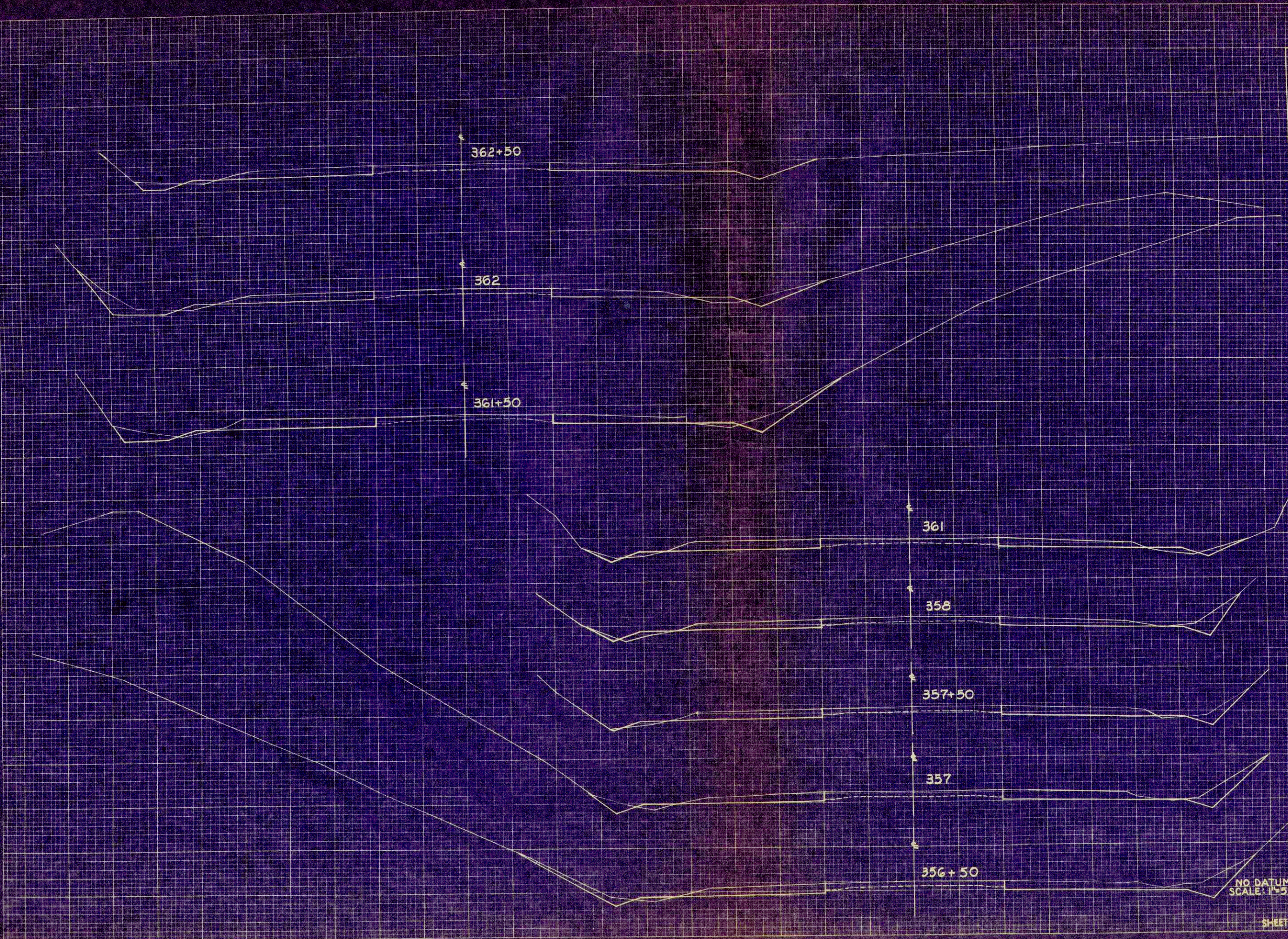


STATION	DISTANCE	YARDAGE	
		UNCLASSIFIED	FILL
352			
353		189	370
354		157	130
+ 50		89	24
355		81	26
+ 50		93	15
356		87	9
SHEET TOTAL		646	574

NO DATUM
 SCALE: 1" = 5'

FINAL SURVEY BY DATE
 SURVEYED BY RJA-DDB
 PLOTTED BY WJM
 NOTE BOOK NO. 0101
 TEMPLATE NO. 2-80
 AREA CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY RJA-DDB
 PLOTTED BY WJM
 NOTE BOOK NO. 0101
 TEMPLATE NO. 2-80
 AREA CHECKED

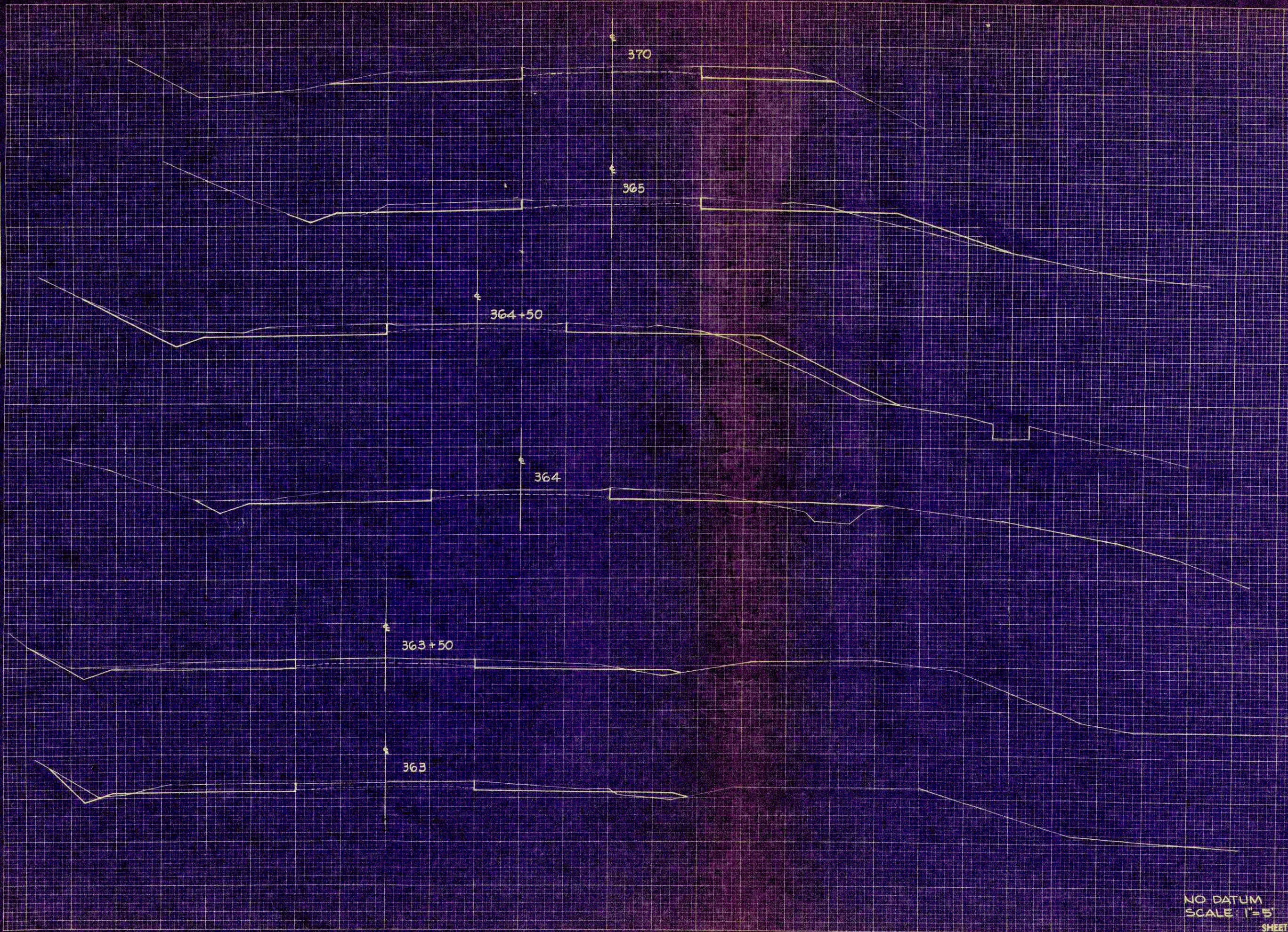


STATION	DISTANCE	YARDAGE		
		EXCAVATION	FILL	
		UNCLAS.	SIFIED	
356				
+ 50		85		6
357		91		4
+ 50		78		6
358		72		6
361		482		44
+ 50		83		9
362		91		7
+ 50		96		6
SHEET TOTAL		1028		88

NO DATUM
 SCALE: 1"=5'

FINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK, PAGES
 NO. 8107

ORIGINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 NOTE BOOK, PAGES
 NO. 8107

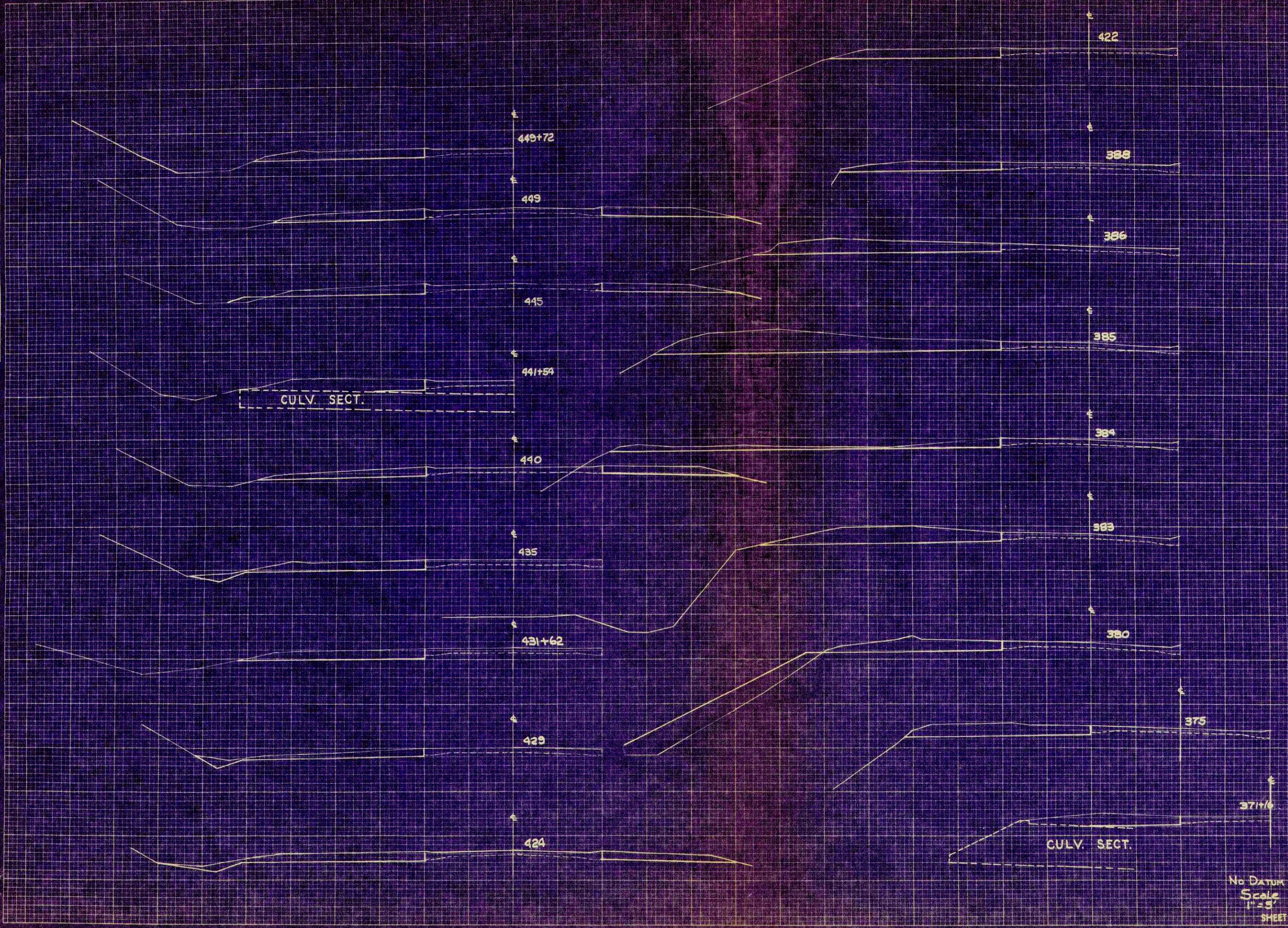


STATION	DISTANCE	YARDAGE		FT.
		UNCLAS.	SILED	
362+50				6
363	85			7
+50	68			13
364	72			35
+50	78			37
365	78			111
367+30	324			65
370	365			
+30	26			
375	426			
380	685			426
383	477			256
	157			
384				
	215			
385				
SHEET TOTAL		3056		956

NO DATUM
 SCALE: 1" = 5'

FINAL SURVEY
 BY: _____
 DATE: _____
 SUBMITTED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____
 AREAS CHECKED: _____

ORIGINAL SURVEY
 BY: _____
 DATE: _____
 SUBMITTED: _____
 PLOTTED: _____
 NOTE BOOK: _____
 NO. _____
 AREAS CHECKED: _____

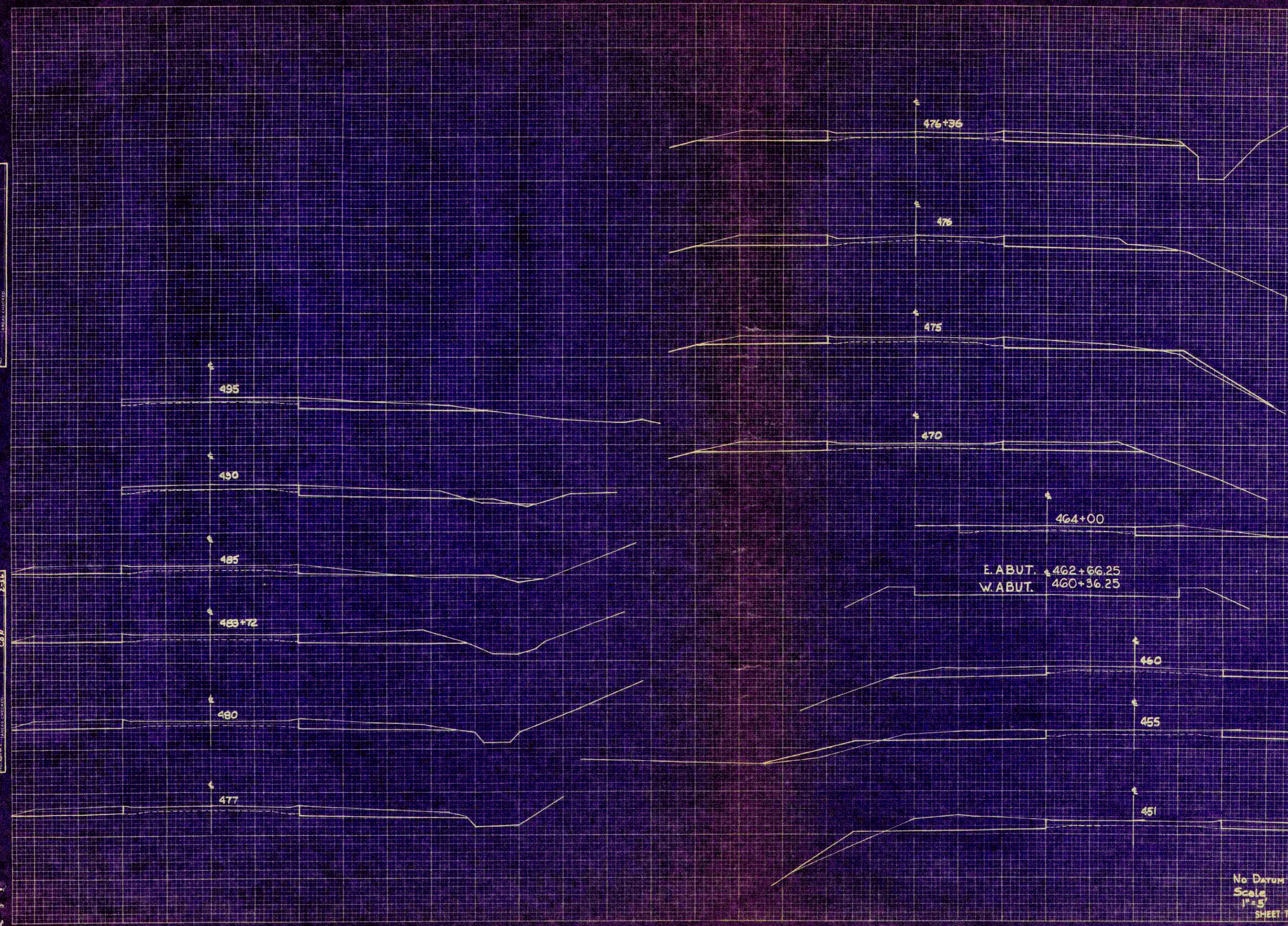


STATION	DISTANCE	YARDAGE	
		UNCLASSIFIED	FILL
385			
386	244		
388	293		
+ 35	32		
421	57		
422			
424	248		
429	565		
431 + 62	224		
435	281		
440	407		
445	444		
448	422		
+ 72	80		
451	161		7
SHEET TOTAL	3458		7

No DATUM
 Scale
 1" = 5'

DATE: _____
 BY: _____
 SUPERVISED BY: _____
 CHECKED BY: _____
 NO. OF BOOKS: _____
 NO. OF SHEETS: _____
 NO. OF PAGES: _____
 AREA CHECKED: _____

DATE: 12-23-55
 BY: R. J. DDB
 CHECKED BY: M. J. M
 NO. OF BOOKS: 1
 NO. OF SHEETS: 16
 NO. OF PAGES: 160
 AREA CHECKED: _____



STATION	DISTANCE	YARDAGE		FILL
		UNCLAS.	SIFIED	
451				
455		489		72
460		528		51
		22		
462	36.25	BRIDGE		
464	66.25	68		
		248		
470				
475		463		20
		104		5
476		44		
		72		
477				
480		294		
483		386		
		72		
485		117		5
		370		20
490				
495		382		
		224		
499				
SHEET TOTAL		3811		173

No Datum
 Scale 1"=5'