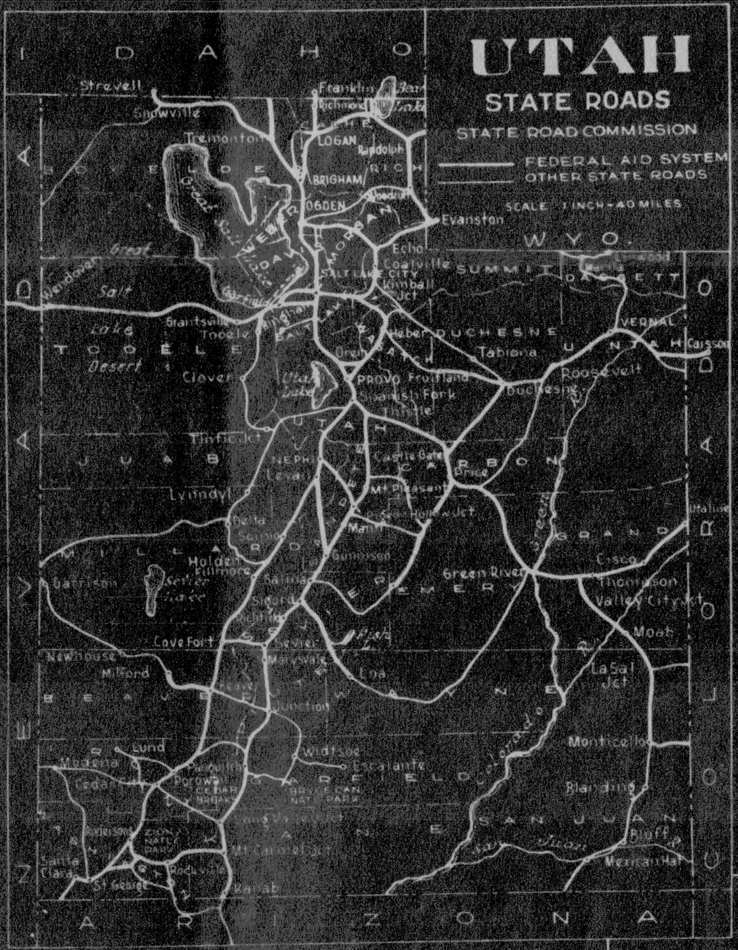
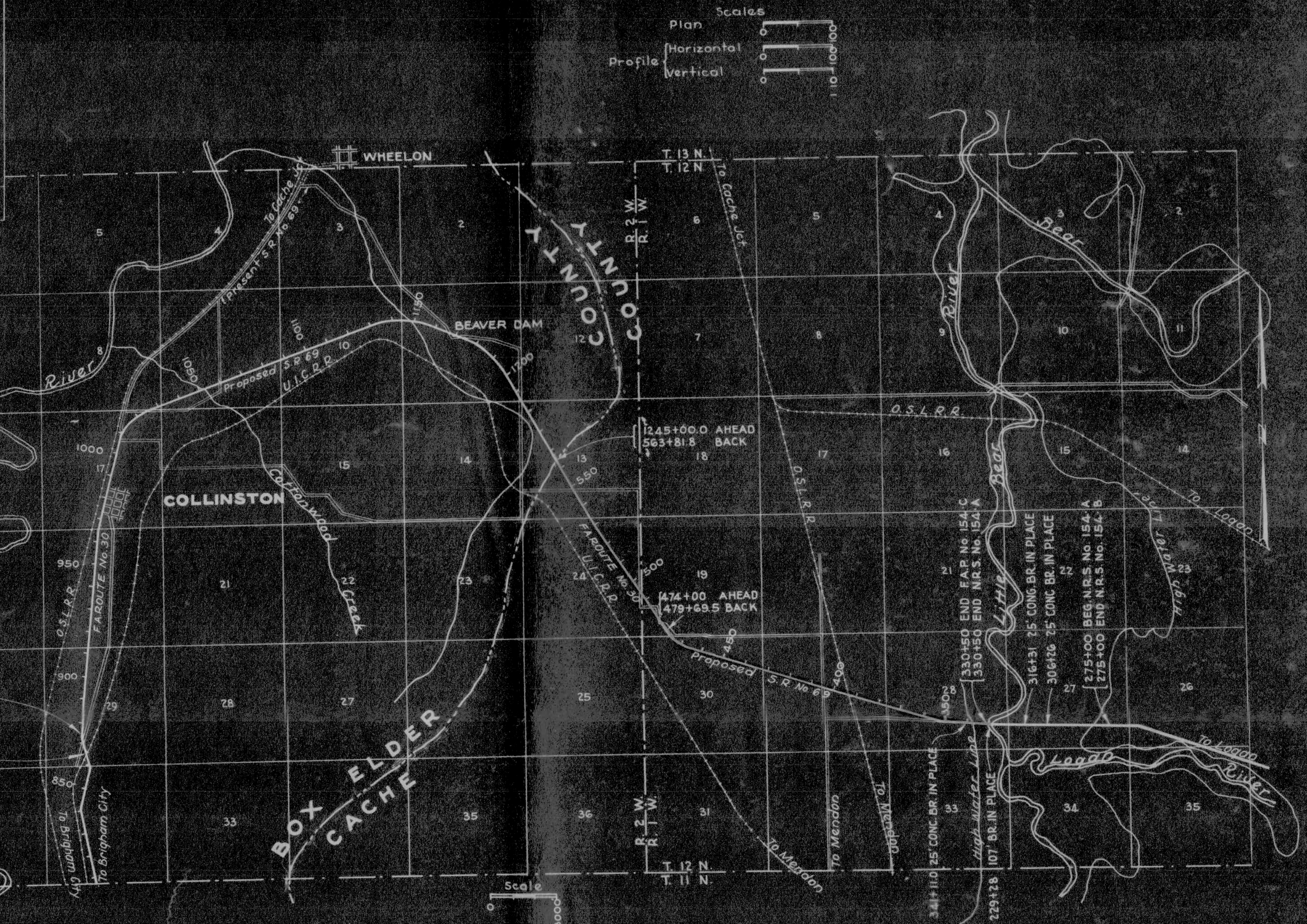
F.A.P.-154-C

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
12	UTAH	154-C	1937	1	28

STATE OF UTAH
STATE ROAD COMMISSION

PLANS OF PROPOSED STATE ROAD
FEDERAL AID PROJECT
F.A.P. No. 154-C LENGTH 11.521 MILES





874+88.8 BEG. F.A.P. No. 154-C
874+88.8 END F.A.P. No. 133-C
874+88.8 END N.R.S. No. 133-C

865+33.7 BEG. F.A.P. No. 133-C

INDEX TO SHEETS F.A.P. No. 154-C

SHEET No.	DESCRIPTION	DRAWING No.	STATION
1	Title Sheet		
2	Typical Section		
3-22	Plan and Profile		
23-24	5'x3'x91'5" Conc. Box	5345-2	410+60
26	Ext. to Dbl. 12'x6' Conc. Box	E-588	341+10
27	Std. Guard Rail Type P	V-108-P	
28-A	R.R. Flasher Signal	J-460	
28-B	Strutting For Large Dia. C.M.P.	J-390	
28-C	Super. and Widen Curves	J-343-RS	
28-D	F.A.P. and R. of W. Mks.	J-391-R	
1-125	X-Sections		

APPROVED Jan. 1937
STATE ROAD COMMISSION OF UTAH

Edw. E. Howes
CHAIRMAN

Preston G. Peterson
MEMBER

W. Hammond
MEMBER

H. C. Wright
CHIEF ENGINEER

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER BUREAU OF PUBLIC ROADS

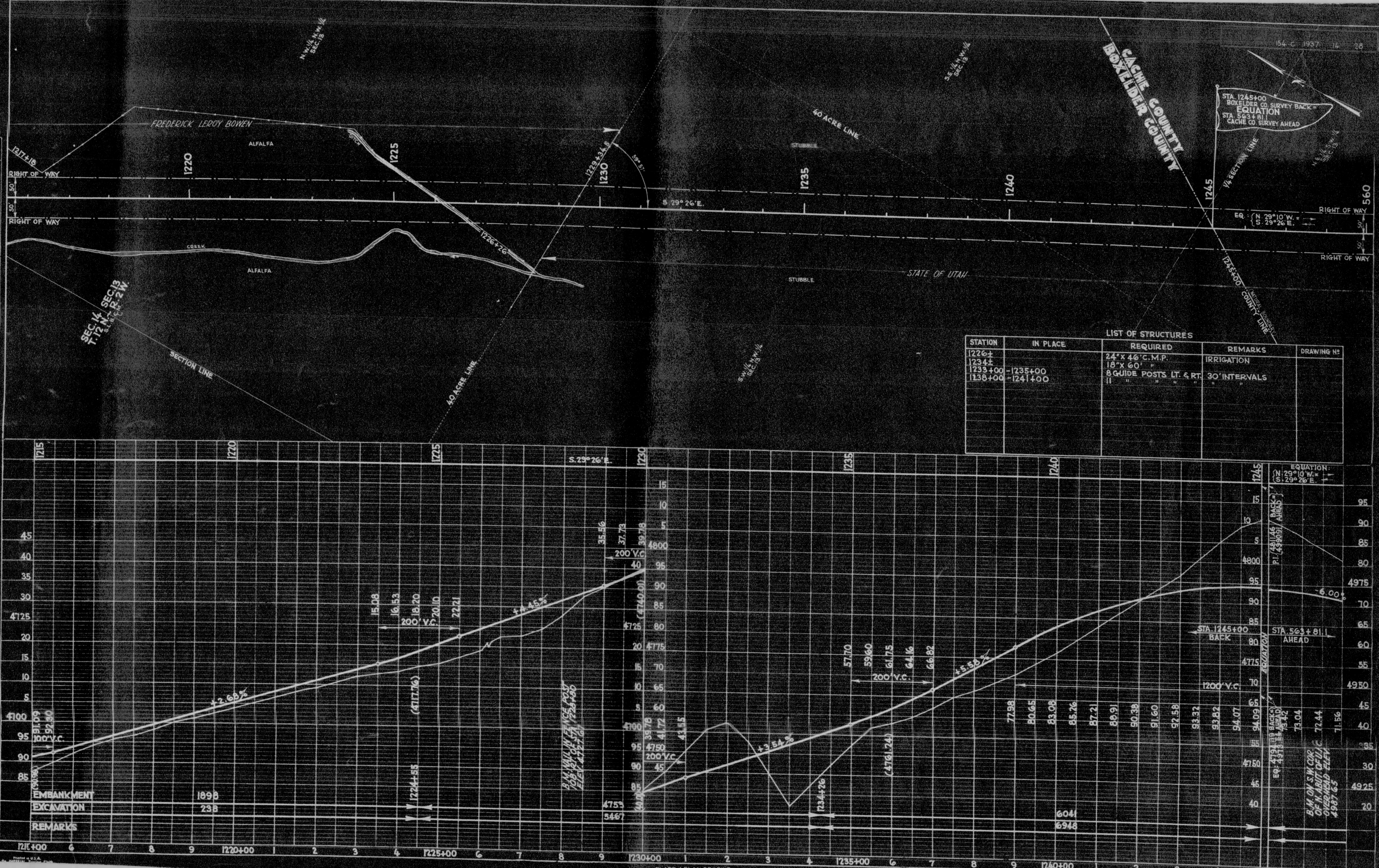
RECOMMENDED FOR APPROVAL

CHIEF ENGINEER BUREAU PUBLIC ROADS

APPROVED

DIRECTOR BUREAU PUBLIC ROADS

PLAN		BY	DATE
	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	"	"
NOTE BOOK	ALIGNMENT CHECKED	O.D. MILES	1937
NO. 3300 3322	RT. OF WAY CHECKED	"	"
	TRACED	H.M. FEHMEL	1936



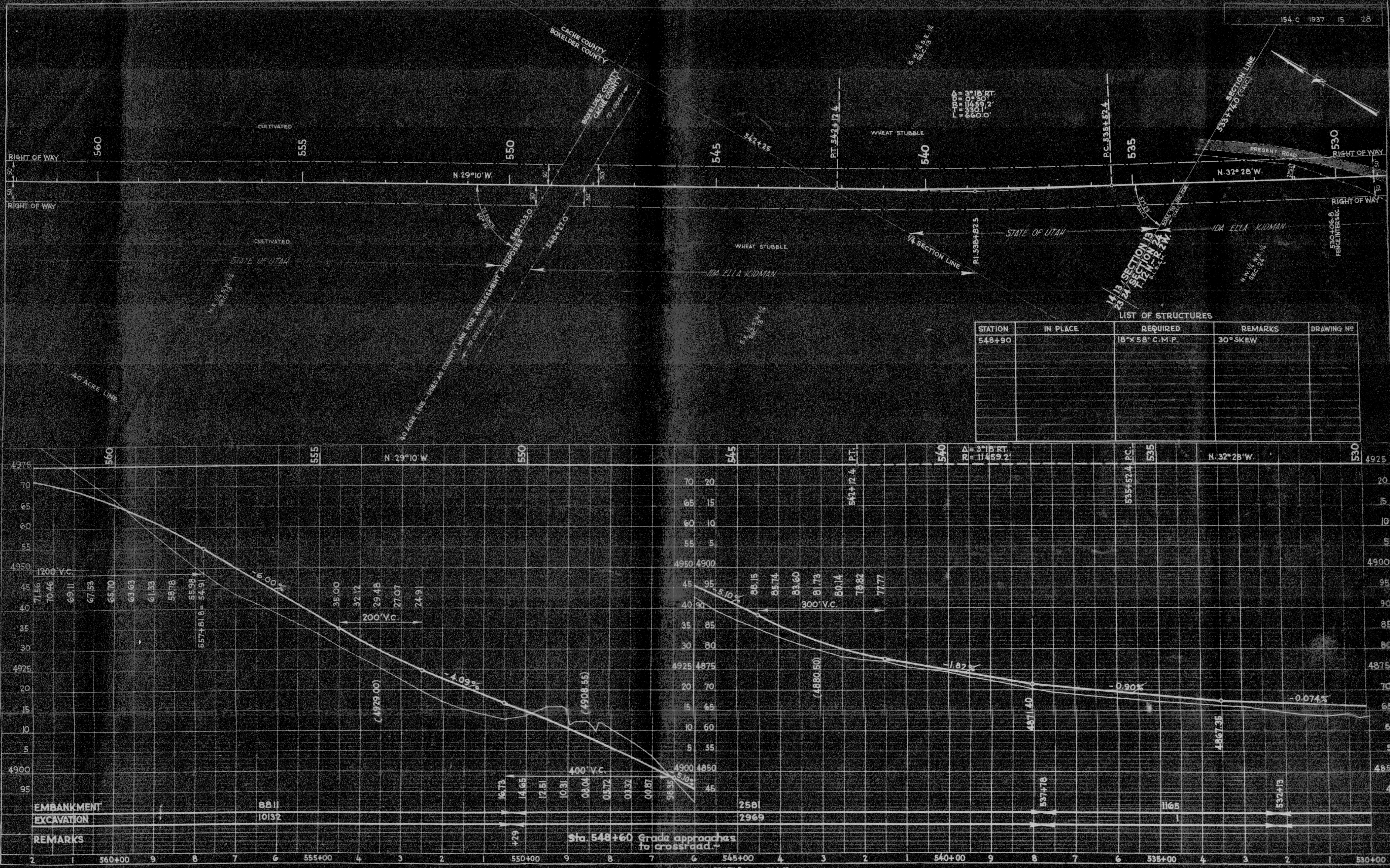
PROFILE		BY	DATE
	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	H.M. FEHMEL	1936
NOTE BOOK	GRADES CHECKED	J.T. MILLER	1937
NO. 3301 3323	B.M.'S NOTED	H.M. FEHMEL	1936
	STRUCTURES NOTATION CHECKED	J.T. MILLER	1937

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING No.
1226±		24"x 46' C.M.P.	IRRIGATION	
1234±		18"x 60' "		
1233+00	-1235+00	8 GUIDE POSTS LT. & RT.	30' INTERVALS	
1238+00	-1241+00	11 " " " "	" "	

PLATE 1-PLAN-PROFILE U.P.R. STANDARD

2 154.C 1937 15 28



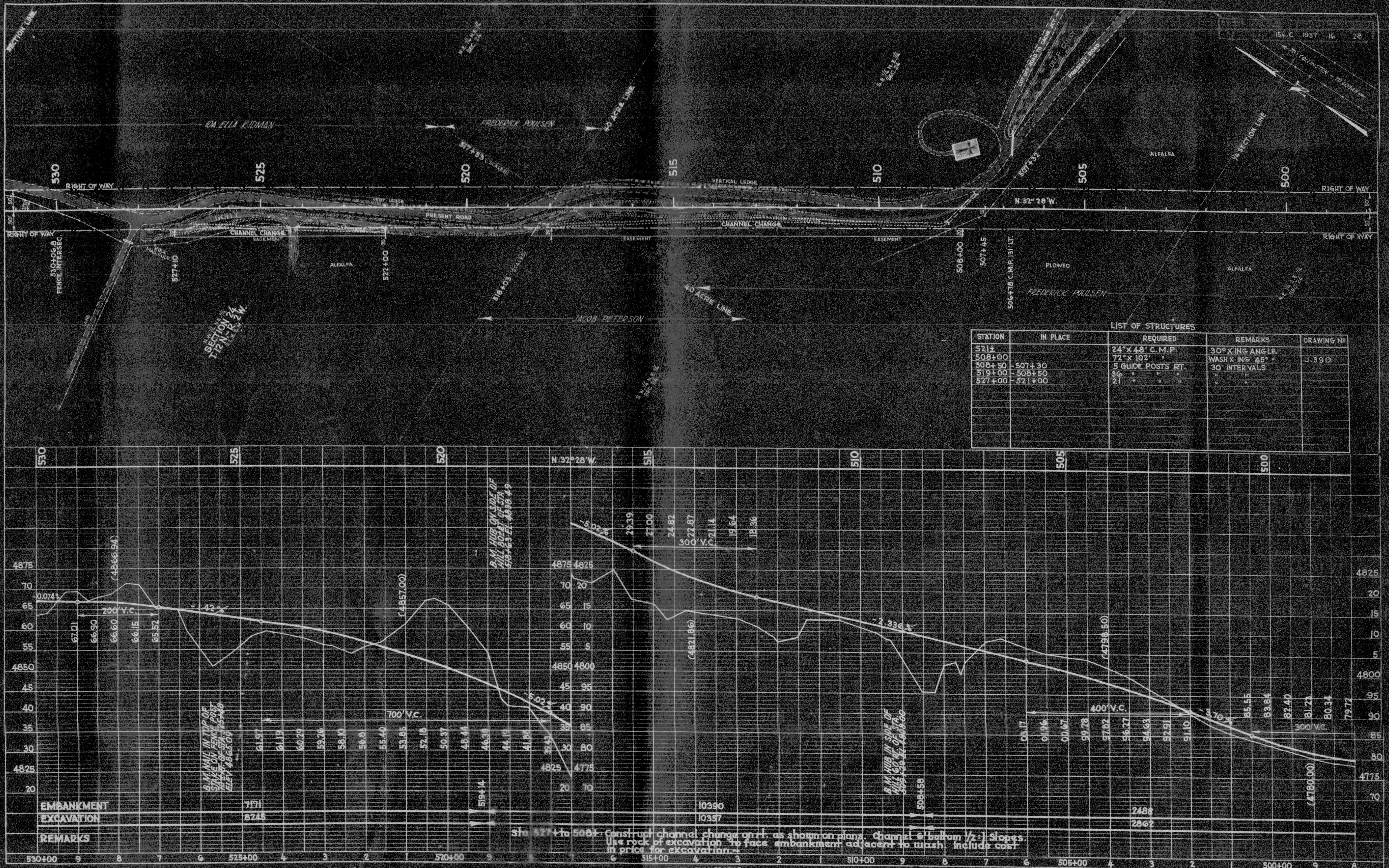
LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING Nº
548+90		18"x 58' C.M.P.	30° SKEW	

PLAN		BY	DATE
NOTE BOOK NO. 3322	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	"	"
	ALIGNMENT CHECKED	O.D. MILES	1937
	R.O. WAY CHECKED	"	"
	TRACED	H.M. FEHMEL	1936

PROFILE			
NOTE BOOK NO. 3323	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	H.M. FEHMEL	1937
	GRADES CHECKED	J.T. MILLER	1937
	B.M.'S PLOTTED	H.M. FEHMEL	1937
	STRUCTURE NOTES	J.T. MILLER	1937

154-C 1937 16 28



LIST OF STRUCTURES

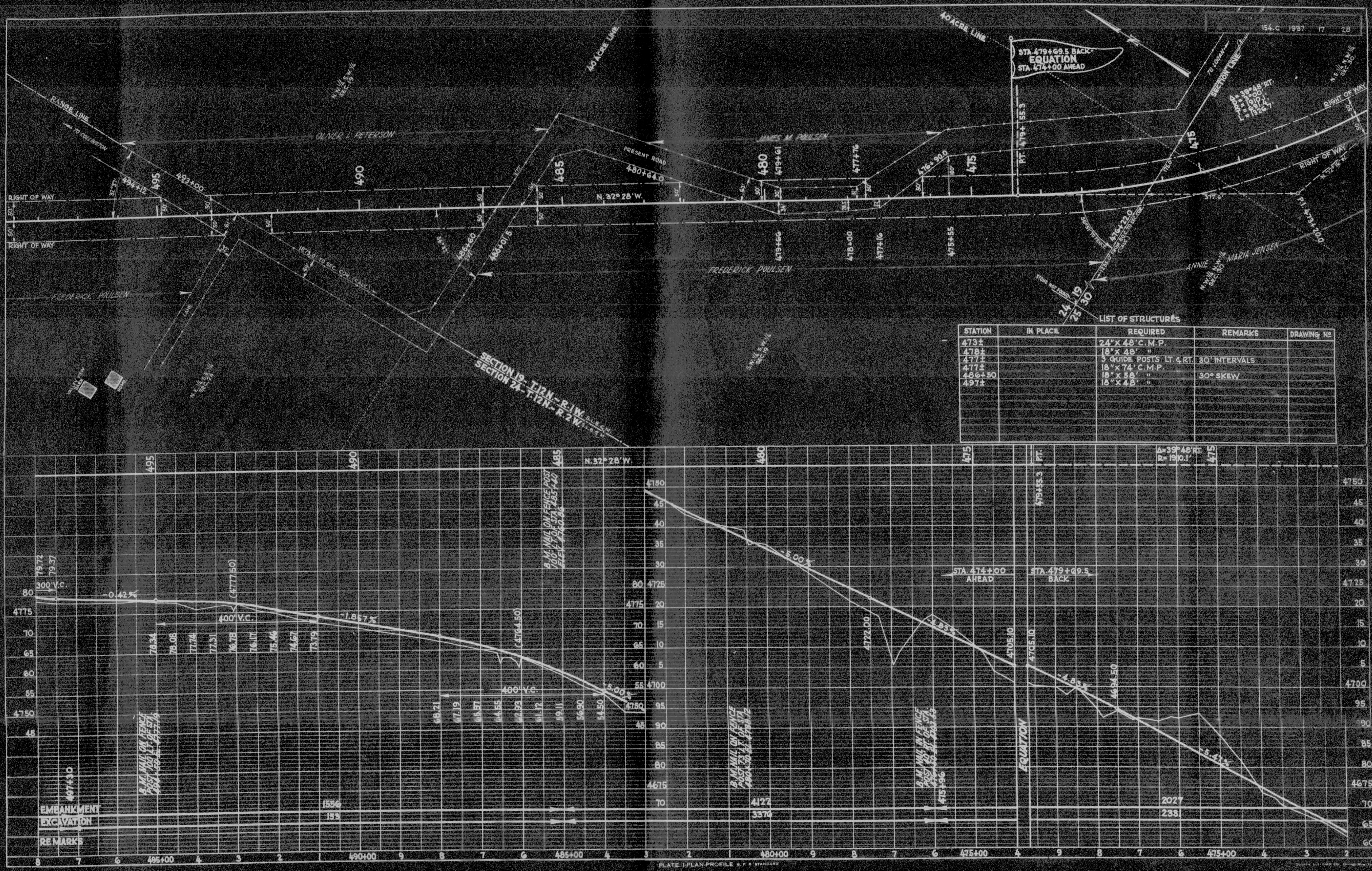
STATION	IN PLACE	REQUIRED	REMARKS	DRAWING No
521±		24"×48' C.M.P.	30° X-ING ANGLE	
508+00		72"×102' "	WASH X-ING 45° "	J.390
508+50	-507+30	5 GUIDE POSTS RT.	30' INTERVALS	
519+00	-508+50	36 " " "	" "	
527+00	-521+00	21 " " "	" "	

Sta. 527+ to 508+ Construct channel change on rt. as shown on plans. Channel 6' bottom ½:1 Slopes.
Use rock of excavation to face embankment adjacent to wash. Include cost in price for excavation.

PLATE 1-PLAN-PROFILE U.P.R. STANDARD

154.C 1937 17 28

PLAN
NOTE BOOK NO. 3322
C.M. FONNESBECK 1936
O.D. MILES 1937
TRACED H.M. FEHMEL 1936



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING №
473±		24"X 48' C.M.P.		
478±		18"X 48' "		
477±		3 GUIDE POSTS LT. & RT.	30' INTERVALS	
477±		18"X 74' C.M.P.		
486+50		18"X 58' "	30° SKEW	
497±		18"X 48' "		

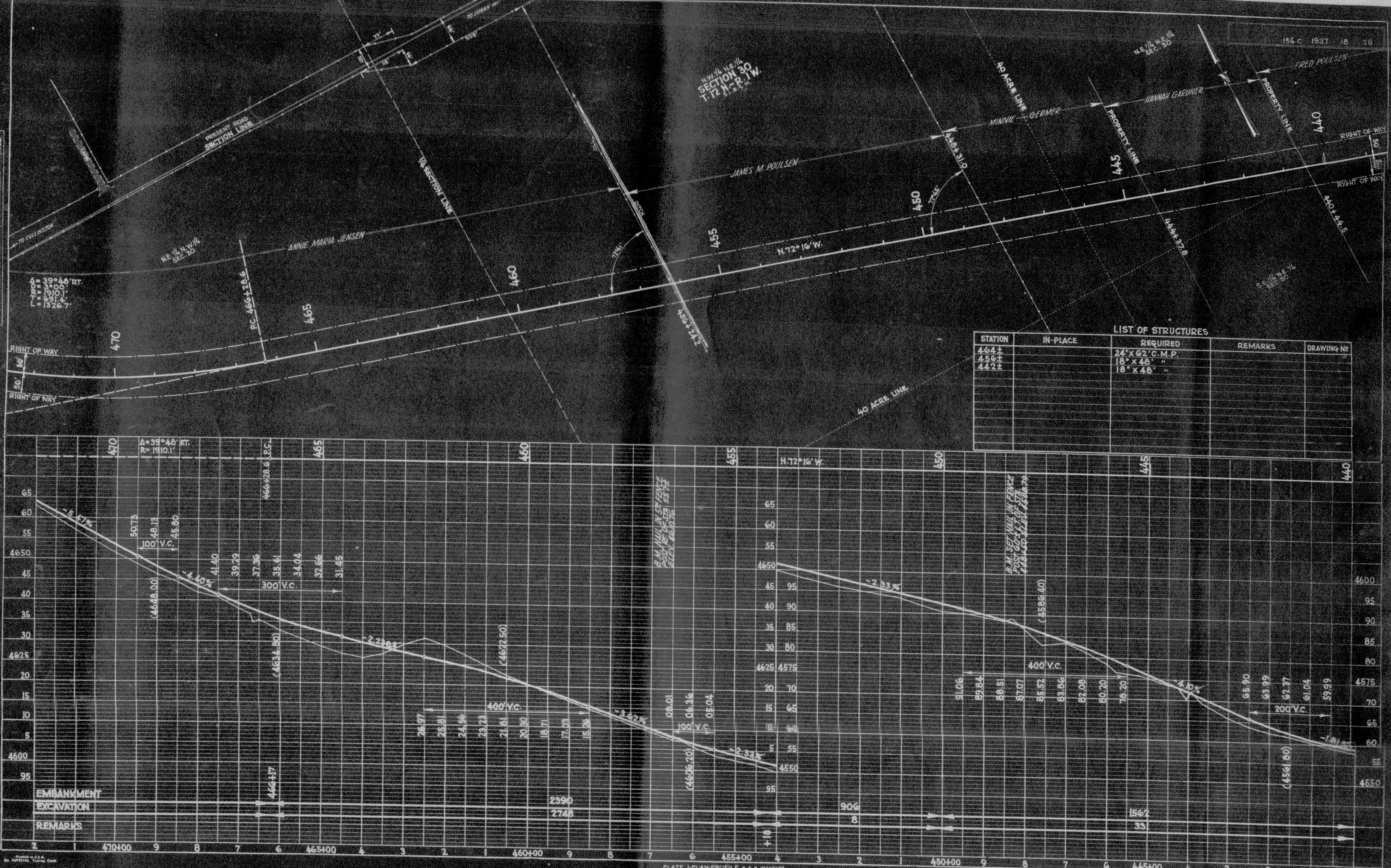
PROFILE
NOTE BOOK NO. 3323
C.M. FONNESBECK 1936
H.M. FEHMEL 1937
J.T. MILLER 1937
H.M. FEHMEL 1937
J.T. MILLER 1937

PLATE 1-PLAN-PROFILE B.P.R. STANDARD

Printed in U.S.A.
On IMPERIAL Tracing Cloth

154 C 1937 18 28

PLAN
NOTE BOOK NO. 3322
SURVEYED C.M. FONNESBECK 1936
PLOTTED "
TRACED H.M. FEHMEL 1936

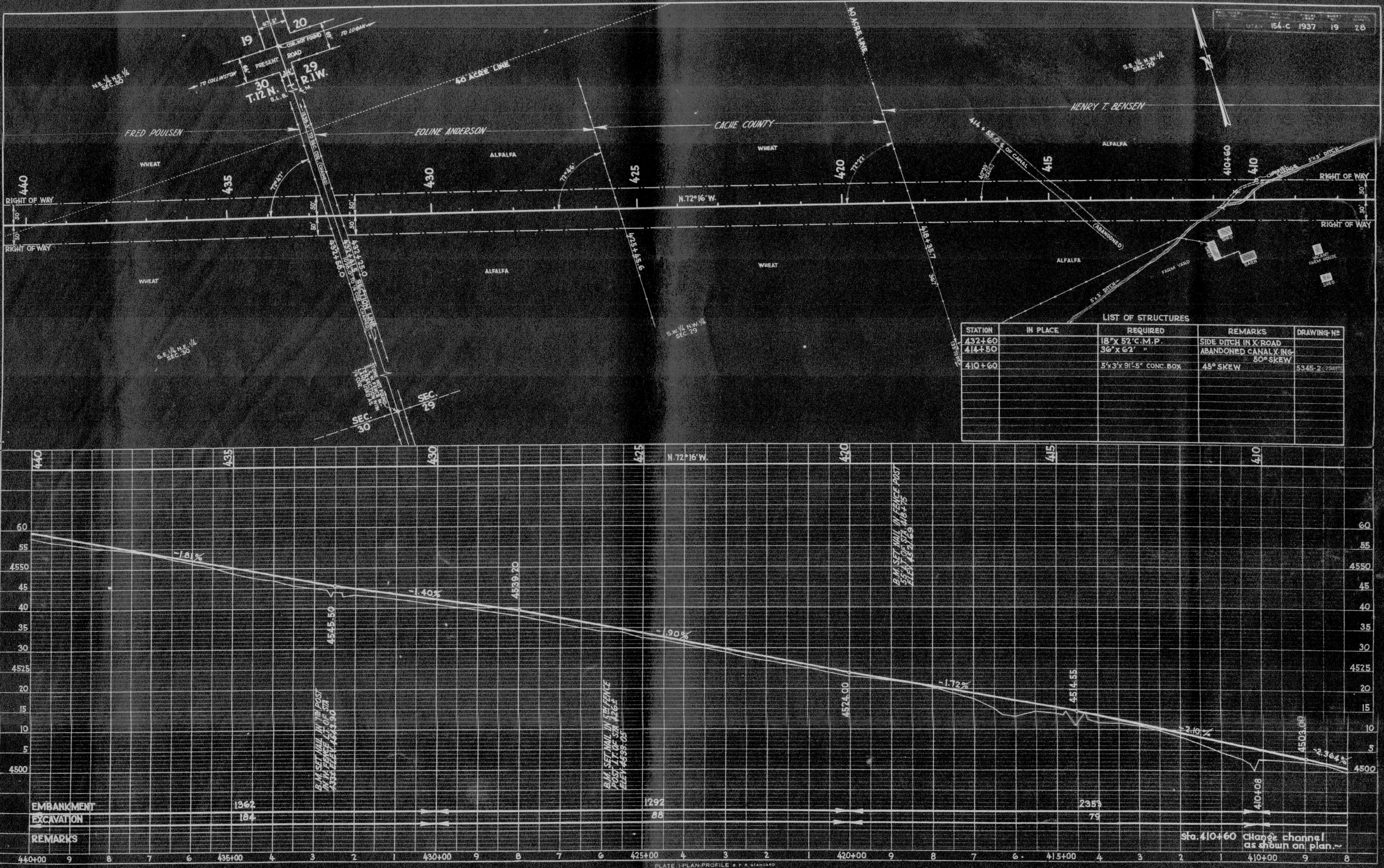


LIST OF STRUCTURES

STATION	IN-PLACE	REQUIRED	REMARKS	DRAWING №
464±		24"x62' C.M.P.		
456±		18"x48' "		
442±		18"x48' "		

PROFILE
NOTE BOOK NO. 3323
SURVEYED C.M. FONNESBECK 1936
PLOTTED H.M. FEHMEL 1937
GRADES CHECKED J.T. MILLER 1937
B.M.'S NOTED H.M. FEHMEL 1937
STRUCTURE NOTATIONS CHK'D J.T. MILLER 1937

UTAH 154-C 1937 19 28



Sta. 410+60 Change channel as shown on plan.~

LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING No
432+60		18"x 52' C.M.P.	SIDE DITCH IN X-ROAD	
414+50		36"x 62' "	ABANDONED CANAL X-ING- 50° SKEW	
410+60		5'x3'x 91'-5" CONC. BOX	45° SKEW	5345-2 (2 SHEETS)

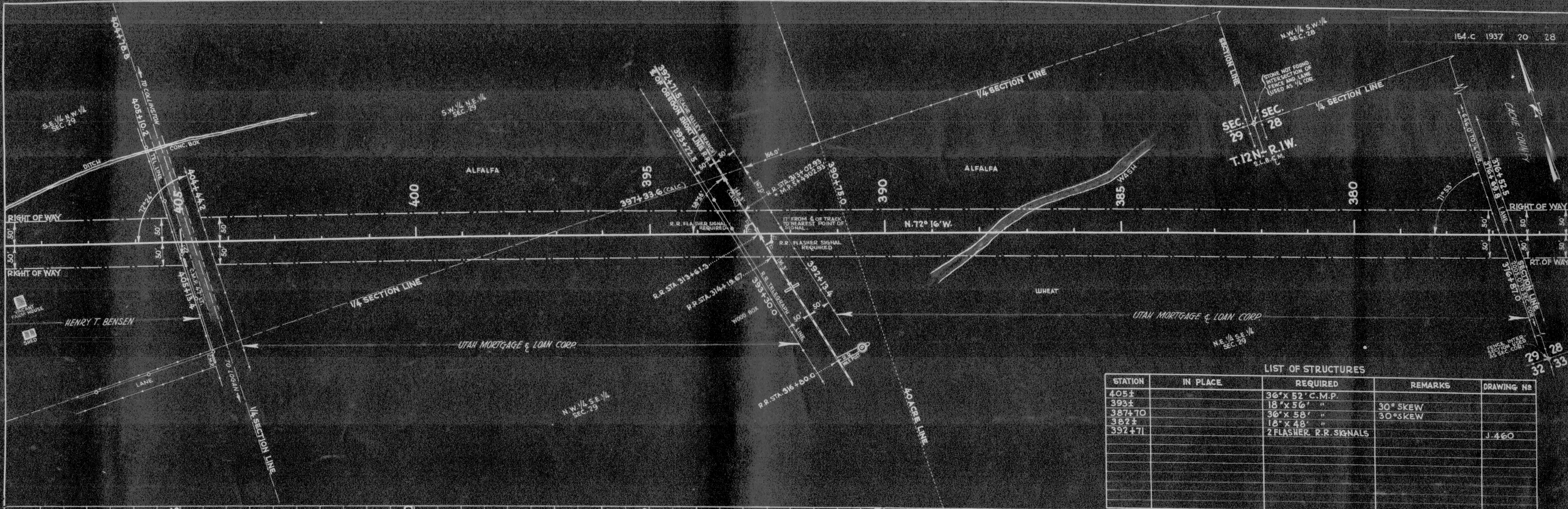
PLAN		BY	DATE
NOTE BOOK NO. 3322	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	"	"
	ALIGNMENT CHECKED	O.D. MILES	1937
	R. OF WAY CHECKED	"	"
	TRACED	H.M. FEHMEL	1936

PROFILE		BY	DATE
NOTE BOOK NO. 3323	SURVEYED	C.M. FONNESBECK	1936
	PLOTTED	H.M. FEHMEL	1937
	GRADES CHECKED	J.T. MILLER	1937
	B.M. NOTED	H.M. FEHMEL	1937
	STRUCTURE NOTATIONS CHECKED		

PLATE 1-PLAN-PROFILE B.P.R. STANDARD

154.C 1937 20 28

PLAN	BY	DATE
SURVEYED	C. M. FONNESBECK	1936
PLOTTED	"	"
ALIGNMENT CHECKED	O. D. MILES	1937
RT. OF WAY CHECKED	"	"
TRACED	H. M. FEHMEL	1936
NOTE BOOK NO. 3322		



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING Nº
405±		36"x 52' C.M.P.		
393±		18"x 56' "	30° SKEW	
387+70		36"x 58' "	30° SKEW	
382±		18"x 48' "		
392+71		2 FLASHER R.R. SIGNALS		J.460

PROFILE	BY	DATE
SURVEYED	C. M. FONNESBECK	1936
PLOTTED	H. M. FEHMEL	1937
GRADES CHECKED	J. T. MILLER	1937
B. M.'S NOTED	H. M. FEHMEL	1937
STRUCTURE NOTATIONS CH.	J. T. MILLER	1937
NOTE BOOK NO. 3323		

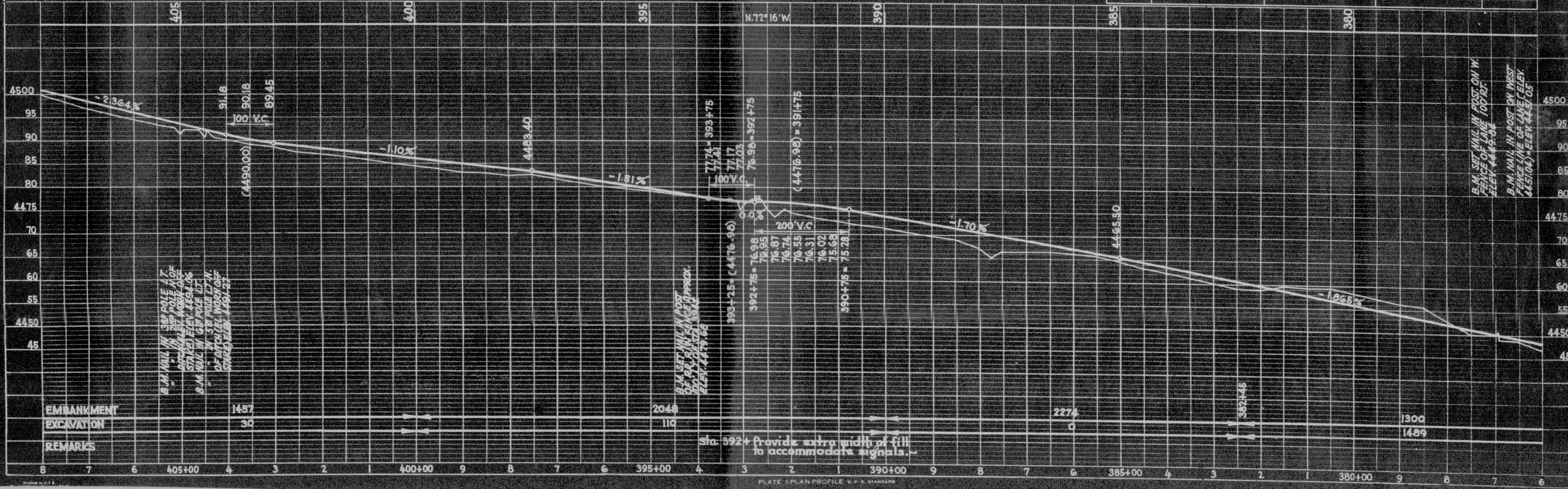


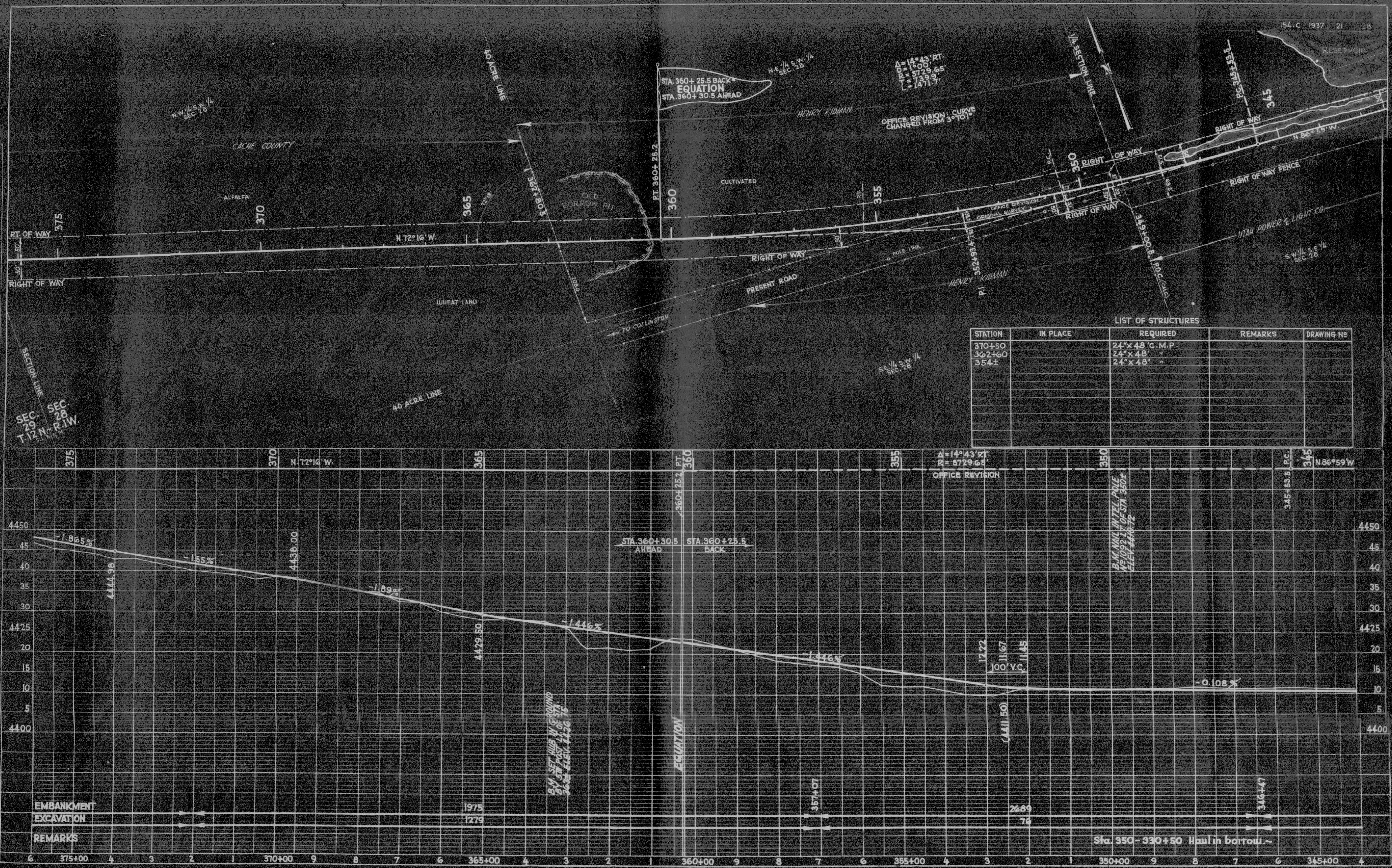
PLATE 1-PLAN-PROFILE U.P.R. STANDARD

Printed in U.S.A.

154-C	1937	21 28

PLAN	BY	DATE
NOTE BOOK NO. 3322	C.M. FONNESBECK	1936
	"	"
	O.D. MILES	1937
	"	"
TRACED	H.M. FEHMEL	1937

PR[illegible]	C.M. FONNESBECK	1936
	H.M. FEHMEL	1937
	J.T. MILLER	1937
	H.M. FEHMEL	1937
NO. 3323	J.T. MILLER	1937

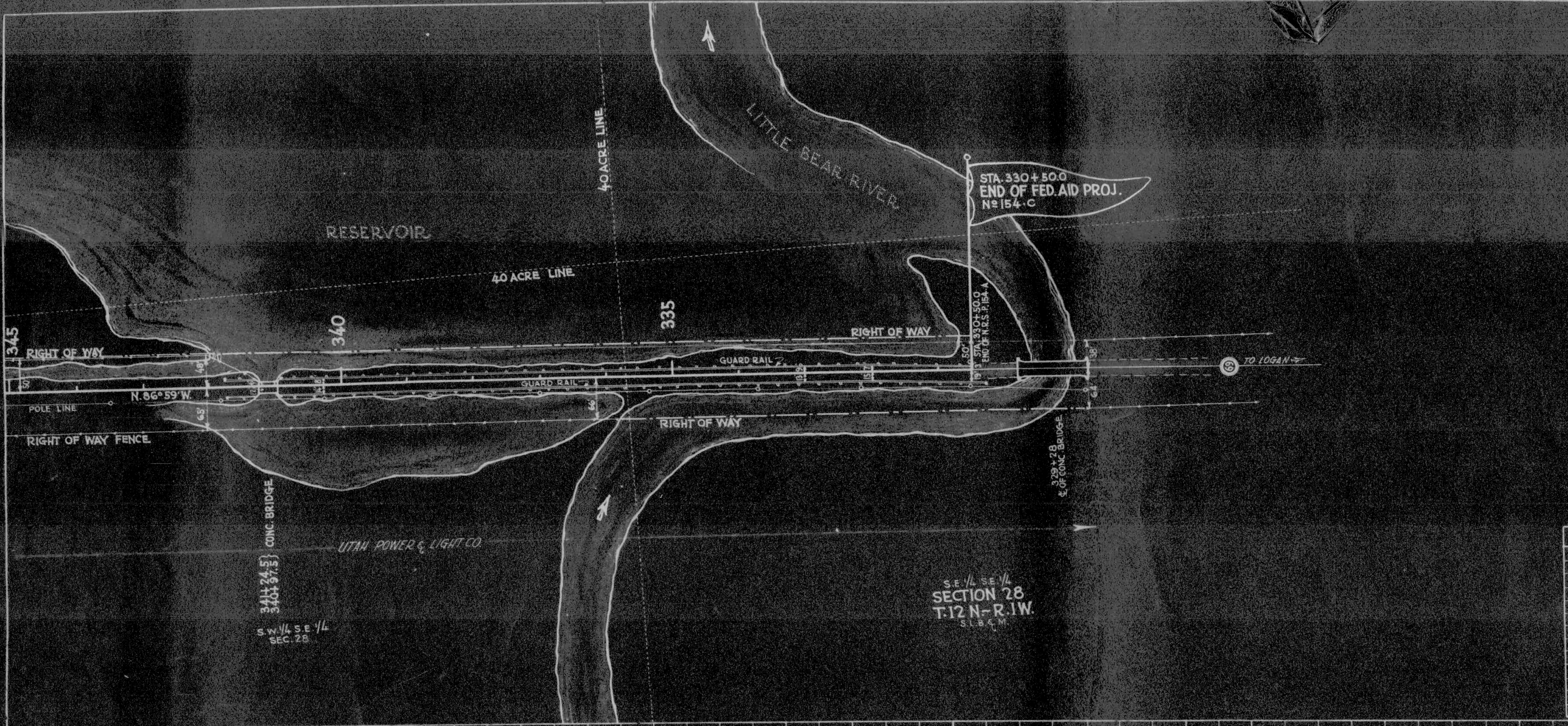


LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING №
370+50		24"x48' C.M.P.		
362+60		24"x48' "		
354±		24"x48' "		

154.C 1937 22 28

PLAN		DATE
	C.M. FONNESBECK	1936
	O.D. MILES	1937
	TRACED H.M. FEHMEL	1937
NOTE BOOK NO. 3322		



LIST OF STRUCTURES

STATION	IN PLACE	REQUIRED	REMARKS	DRAWING Nº
341+10	27'x 18' DOUBLE CONC. BOX	EXTEND 11'-11" LT. & 6'-00" RT.		E.588 (1 SHEET)
341+00	330+50	1050' GUARDRAIL LT. & RT.	TYPE "P"	V.108-P
345+00	341+20	13 GUIDE POSTS LT. & RT.	" " "	"
330+50	341+75 1098' GUARD RAIL LT. & RT.		REMOVE	

		DATE
SURVEYED	C.M. FONNESBECK	1936
PLOTTED	H.M. FEHMEL	1937
GRADES CHECKED	J.T. MILLER	1937
B.M.'S NOTED	H.M. FEHMEL	1937
STRUCTURE NOTATIONS CHKD.	J.T. MILLER	1937
NOTE BOOK NO. 3323		

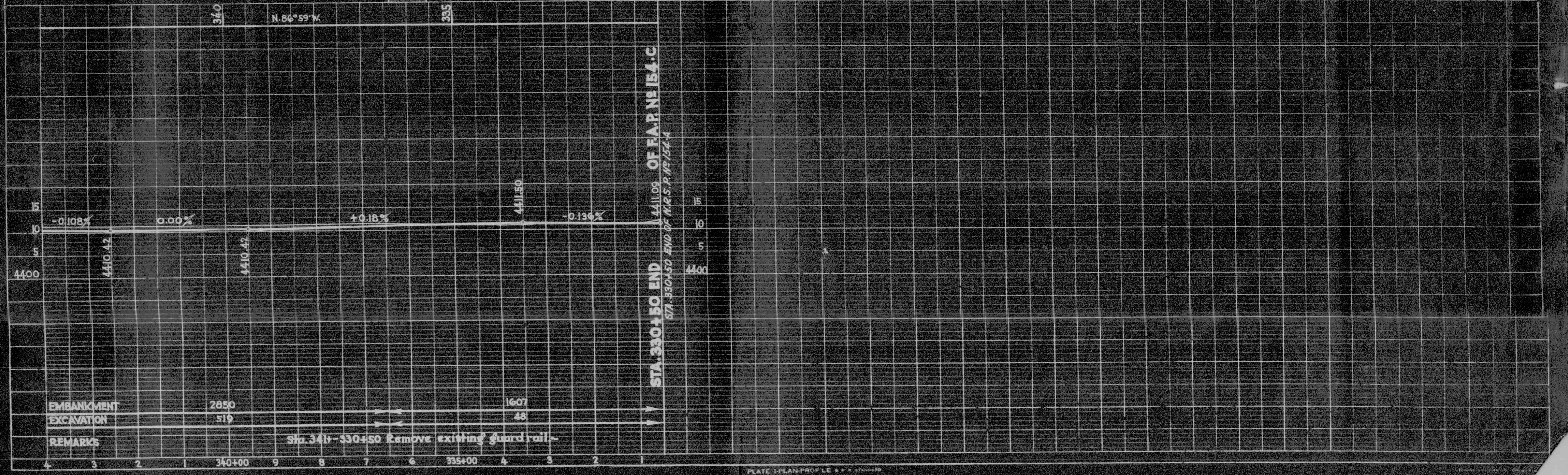


PLATE I-PLAN-PROFILE B.P.R. STANDARD