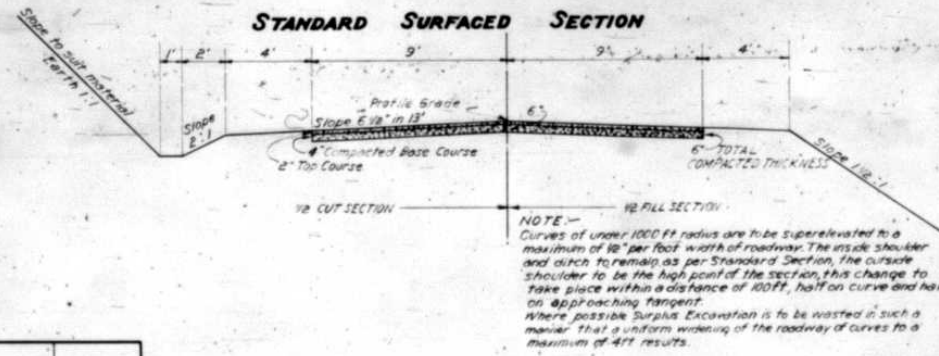


TYPICAL CROSS SECTION OF IMPROVEMENT AND SUMMARY OF QUANTITIES

Rev 9-18-24 H.S.
 Rev 10-2-24 H.C.L.
 Rev 11-7-24 H.S.
 Rev as const 12-15-26 E.R.B.

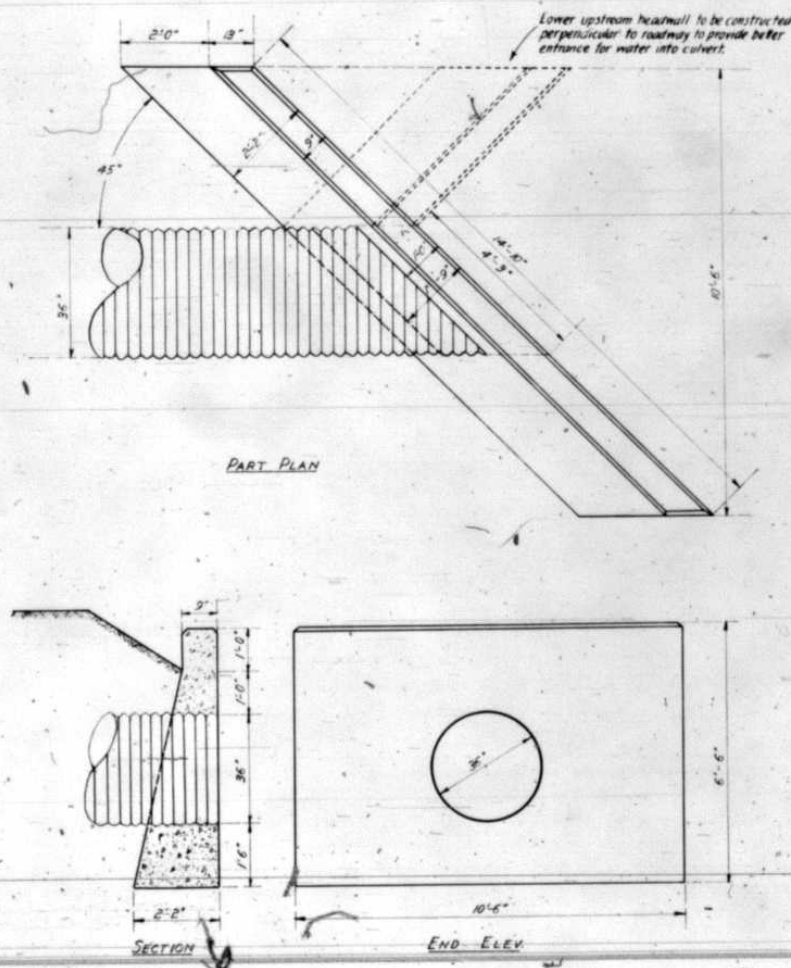


LIST OF STRUCTURES

Station	Description	Corrugated Metal Pipe Lin. Feet	Concrete Cu. Yds.	Excavation Common Cu. Yds.	Borrow Fill Cu. Yds.	Clearing & Grubbing Acres
340+25	Cross Drain	15	24	36		
342+15	Cross Drain	30				
345+25		34				
347+40		30				
347+40	Clearing & Grubbing				50	0.65
347+40+50	Removing 50 Cu. Yds. Sawdust from R.O.W.				20	
347+00	Approach to Mill Road					
348+05-35+10	20' Span Timber Ark Trestle					2.7
351+366	Clearing & Grubbing					
359+10	Bridge		42			
363+700	Cross Drain					
365+03-365+50	Bridge	34				
370+150	Cross Drain		23			
380+45-380+50	Bridge					
382+306+50	0.75 Acres Clearing & Grubbing					0.75
385+00	Cross Drain	52				
388+165		42				
391+00	Borrow Fill for Field Ring				50	
394+43	Cross Drain	34				
404+50		40				
409+406	Clearing & Grubbing					1.0
413+90	Cross Drain	36				
416+00		30				
431+50		28				
433+434	Clearing & Grubbing					0.2
435+25	Cross Drain	40				
438+15		36				
439+68						
444+25		62				
447+05		60				
452+75		30				
479+00		34				
50+50	Skewed Cross Drain		50			
576+30	18" x 30" Corrugated Metal Pipe	30				
576+30	Side Drain					
576+70	Side Drain					
Totals		104	506	20	50	4.7

NOTE: All Corrugated Metal Culverts to have Standard Concrete Headwalls

DETAILS OF SKEWED CULVERT, STA. 50+50



BILL OF MATERIALS
 4 Concrete Class 'B' - 8.6 Cu. Yds.
 2 36" Corrugated Metal Pipe 50 Lin. Ft.

SUMMARY OF QUANTITIES

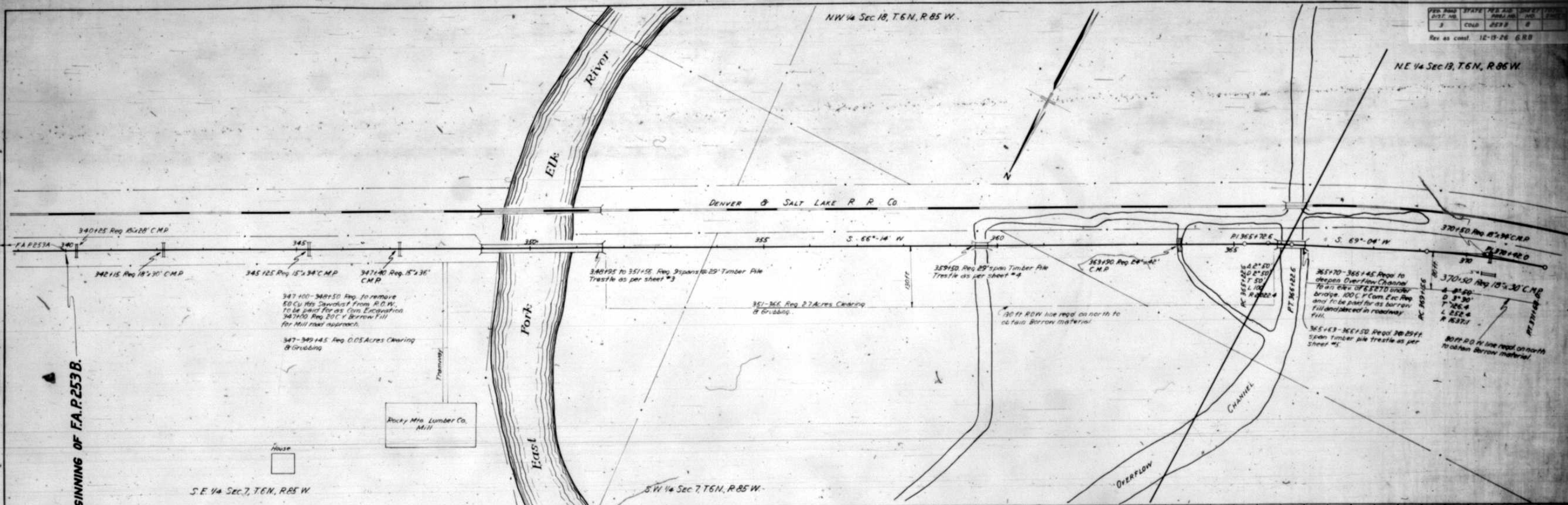
No.	ITEM	UNIT	QUANTITY	CONSTRUCTION QUANTITIES
1	Clearing & Grubbing	Acres	5	5
2	Excavation Common	Cu. Yds.	15100	19045
3	Excavation Rock	Cu. Yds.	5300	7388
4	Borrow Fill	Cu. Yds.	32500	36577
5	Overhaul	Sq. Yds.	400	
6	Gravel Surfacing	Sq. Yds.	31350	31350
7	Concrete Class 'B'	Cu. Yds.	8.6	60.9
8	15" Corrugated Metal Pipe	Lin. Ft.	104	104
9	18" Corrugated Metal Pipe	Lin. Ft.	486	516
10	24" Corrugated Metal Pipe	Lin. Ft.	202	222
11	36" Corrugated Metal Pipe	Lin. Ft.	50	50
12	Setting & Rolling to be done by State Forces	Sq. Yds.	31350	
13	260 FT BRIDGE STA. 348+95-351+56			
14	Treated Timber	M. Bd. Ft.	638	68,291
15	Untreated Timber	M. Bd. Ft.	65	6,412
16	Treated Timber Piling	Lin. Ft.	1355	1355
17	20' x 1/4" Steel Floor Plates	Sq. Ft.	525	525
18	Steel Shoes for Piling			61
19	29 FT BRIDGE STA. 359+50			
20	Treated Timber	M. Bd. Ft.	31	8,722
21	Untreated Timber	M. Bd. Ft.	1.1	1,080
22	Treated Timber Piling	Lin. Ft.	416	416
23	20' x 1/4" Steel Floor Plates	Sq. Ft.	61	61
24	Steel Shoes for Piling			25
25	67 FT BRIDGE STA. 365+63			
26	Treated Timber	M. Bd. Ft.	22.6	21,186
27	Untreated Timber	M. Bd. Ft.	2.4	2,388
28	Treated Timber Piling	Lin. Ft.	616	616
29	20' x 1/4" Steel Floor Plates	Sq. Ft.	177	177
30	Steel Shoes for Piling			35
31	14.5 FT BRIDGE STA. 380+45			
32	Treated Timber	M. Bd. Ft.	37.1	35,342
33	Untreated Timber	M. Bd. Ft.	3.6	3,716
34	Treated Timber Piling	Lin. Ft.	960	960
35	20' x 1/4" Steel Floor Plates	Sq. Ft.	293	293
36	Steel Shoes for Piling			48

Grading quantities are supported by X-Section sheets on file.

NW 1/4 Sec 18, T.6N, R.85W.

NE 1/4 Sec 19, T.6N, R.86W.

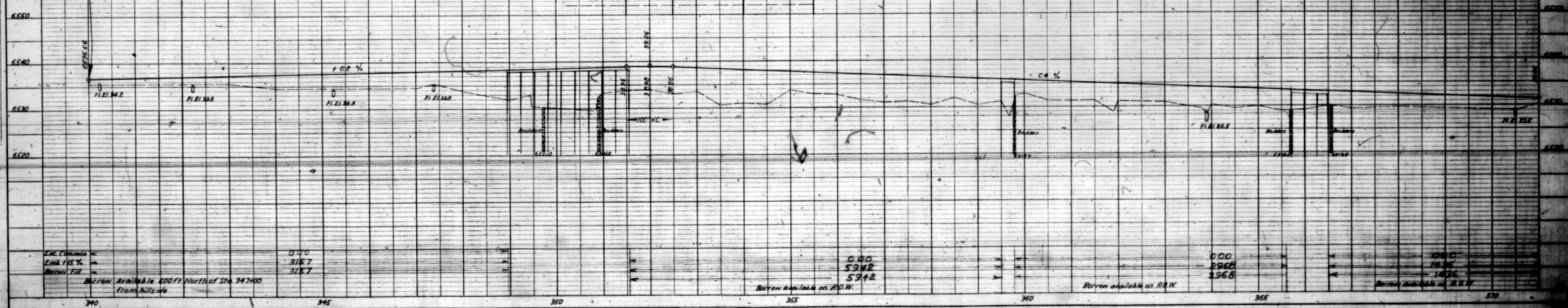
DENVER & SALT LAKE R. R. CO.



STA. 340+00 BEGINNING OF F.A.P. 253 B.

STRUCTURE NOTES FOR 3 BRIDGES			
PRESENT STRUCTURE - NAME	STA. 348+95	STA. 359+50	STA. 365+63
PROPOSED STRUCTURE			
Position referred to Present Structure			
Span	20' 25"	18' 25"	20' 25"
Clear Roadway	20'	20'	20'
Clear Waterway	120' 0"	125' 0"	130' 0"
Type of Superstructure	Timber	Timber	Timber
Type of Substructure	Timber Piling	Timber Piling	Timber Piling
DETOUR STRUCTURE			
Approximate Requirements			
NAME	Brookston	Brookston - Q. S. L.	Brookston
Haul to Bridge Site	10 Miles	10 Miles	10 Miles
WEAR STRUCTURES ON SAME STREAM			
Location	80' Downstream	80' Downstream	80' Downstream
Waterway	100' 0"	100' 0"	100' 0"
Record During Floods			

STREAM DATA			
Drainage Area in Sq. Mi.	3.1	2.4	2.2
Velocity during High Water	7.2 ft/sec	7.2 ft/sec	7.2 ft/sec
Elevation of			
Maximum High Water Reported	6539.5	6539.5	6539.5
Date	1921	1921	1921
Normal High Water	6538.1	6538.1	6538.1
Normal Stage	6537.7	6537.7	6537.7
Extreme Low Water	6536.2	6536.2	6536.2
Stream Bed	6535.0	6535.0	6535.0
Drift Carried During Floods	Medium	Medium	Medium
Probable Depth of Scour during Floods	None	None	None



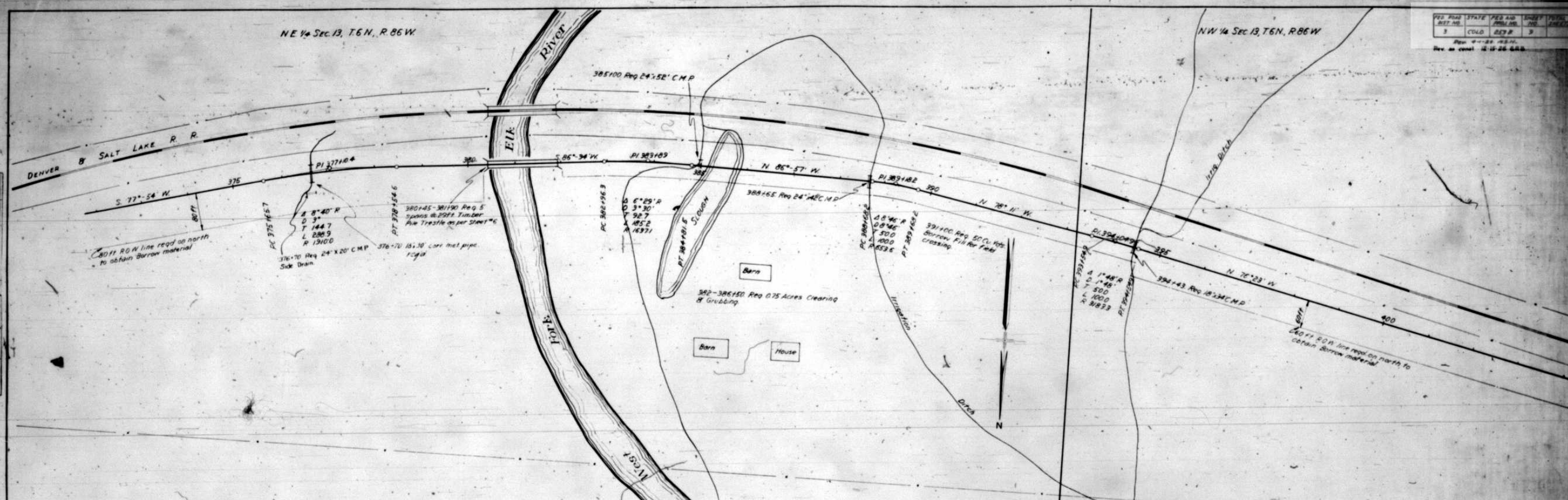
NE 1/4 Sec. 13, T. 6 N., R. 86 W.

NW 1/4 Sec. 13, T. 6 N., R. 86 W.

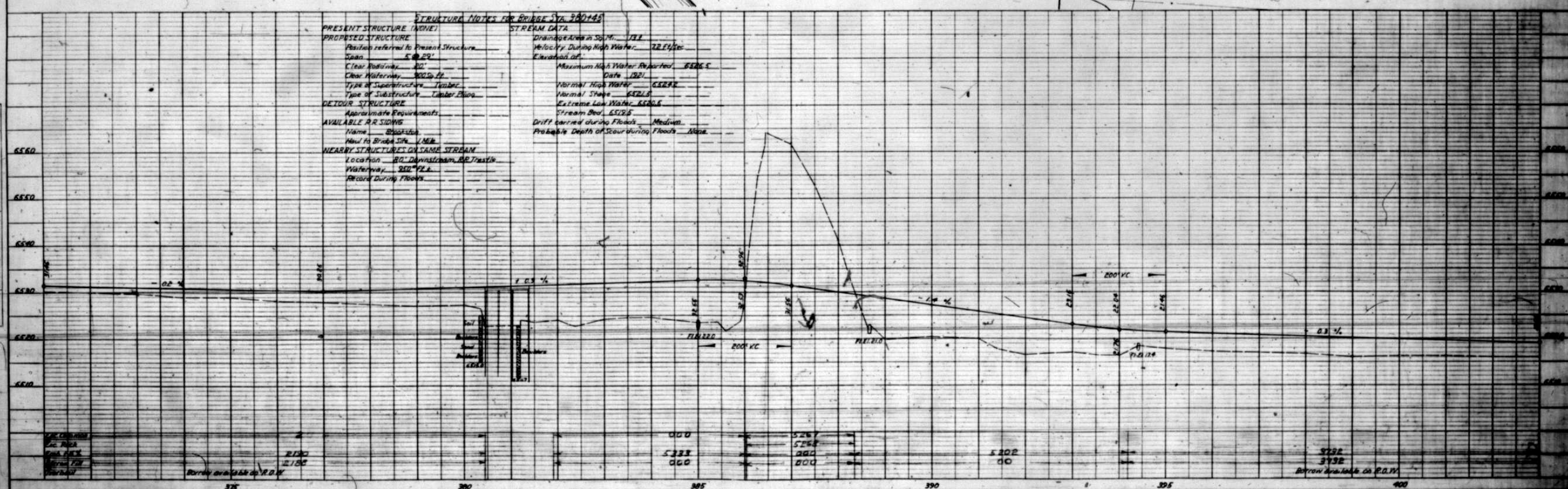
FEED	STATE	FEED	STATE	FEED	STATE
3	COLD	3	COLD	3	COLD

Rev. as cont. 12-15-28 G.B.B.

PLAN	DATE
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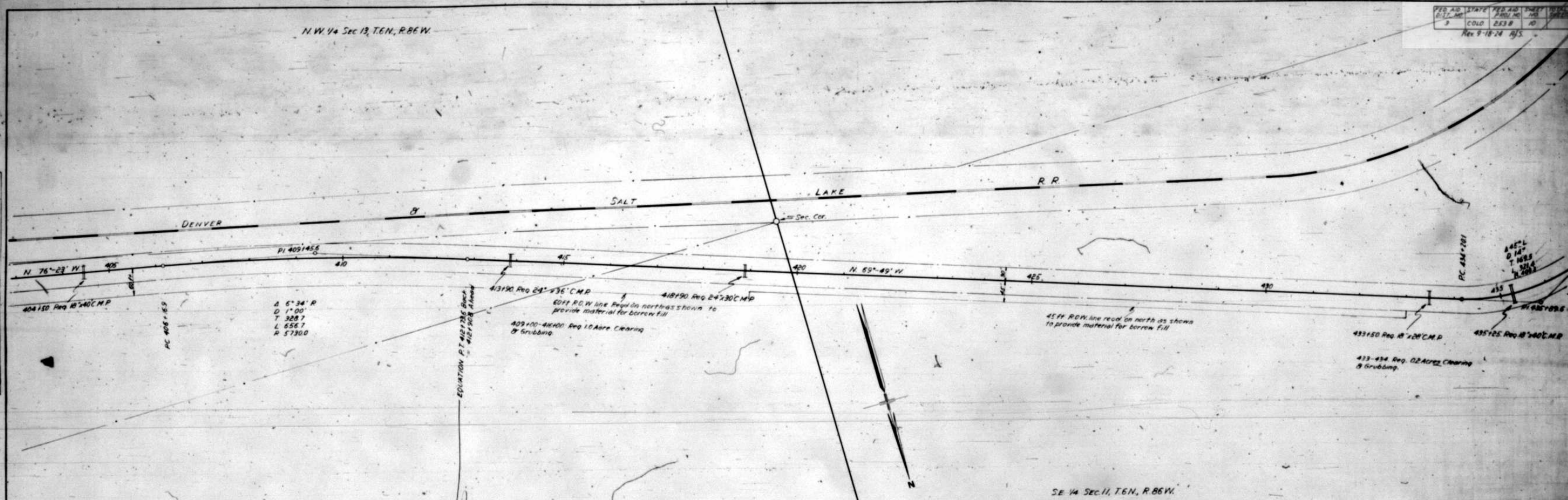


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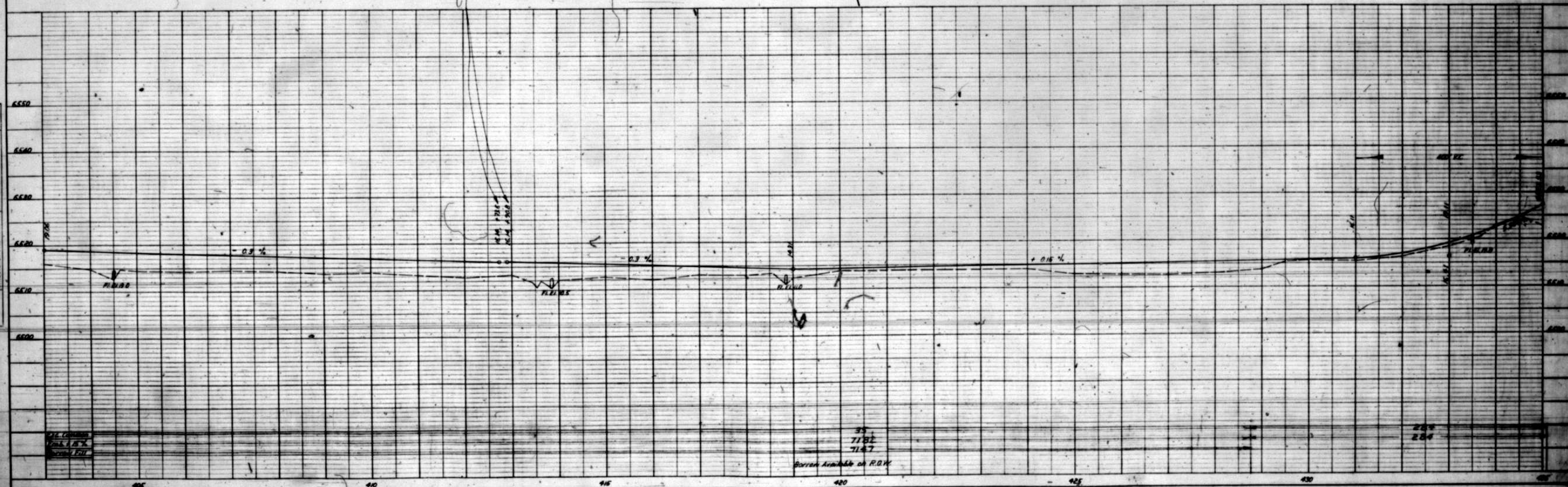


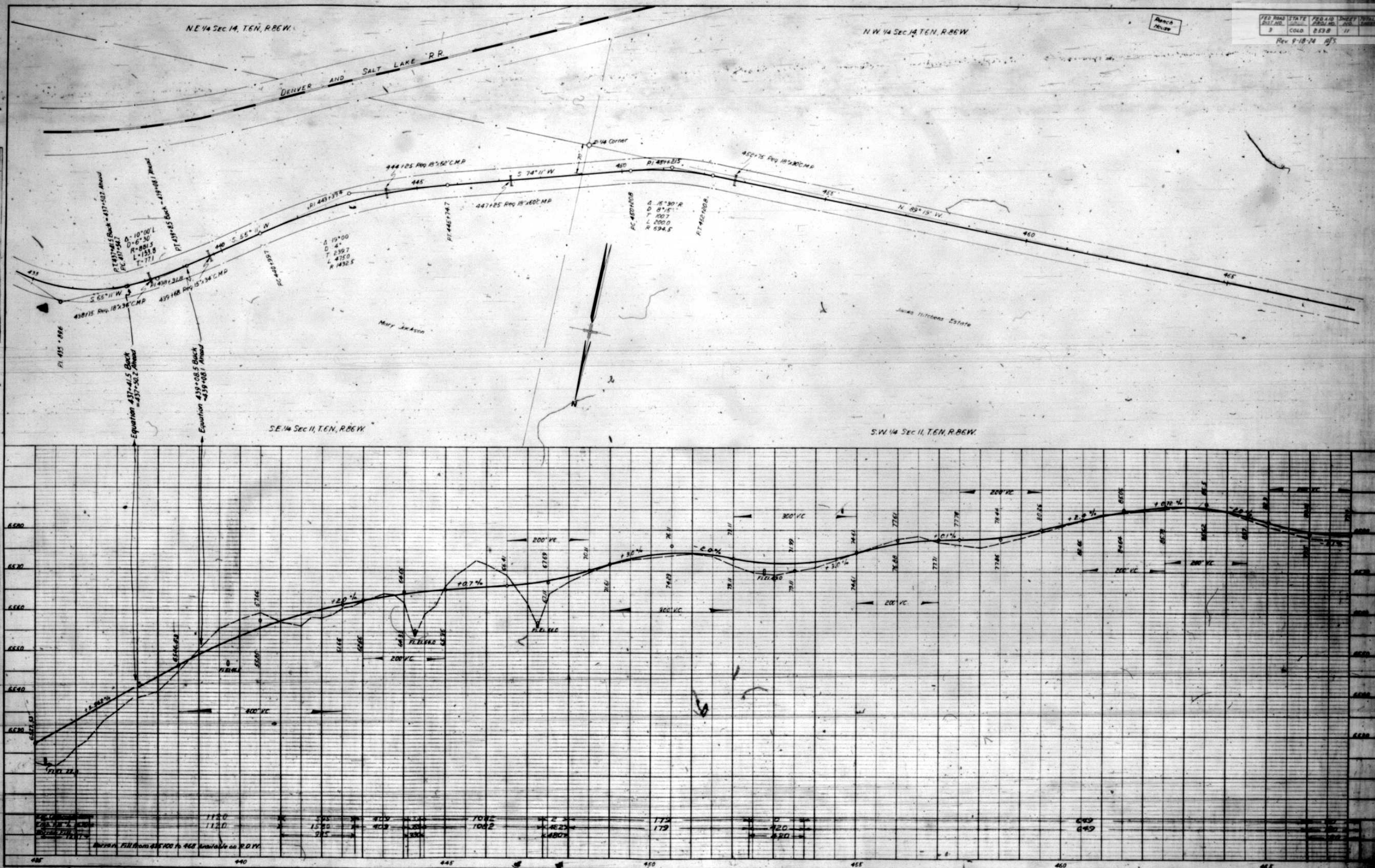
N.W. 1/4 Sec 13, T.6N., R.86W.

PLAN	SURREYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	ALIGNMENT CHECKED		
	RT OF WAY CHECKED		
	AC Lyingman Aug 2006		



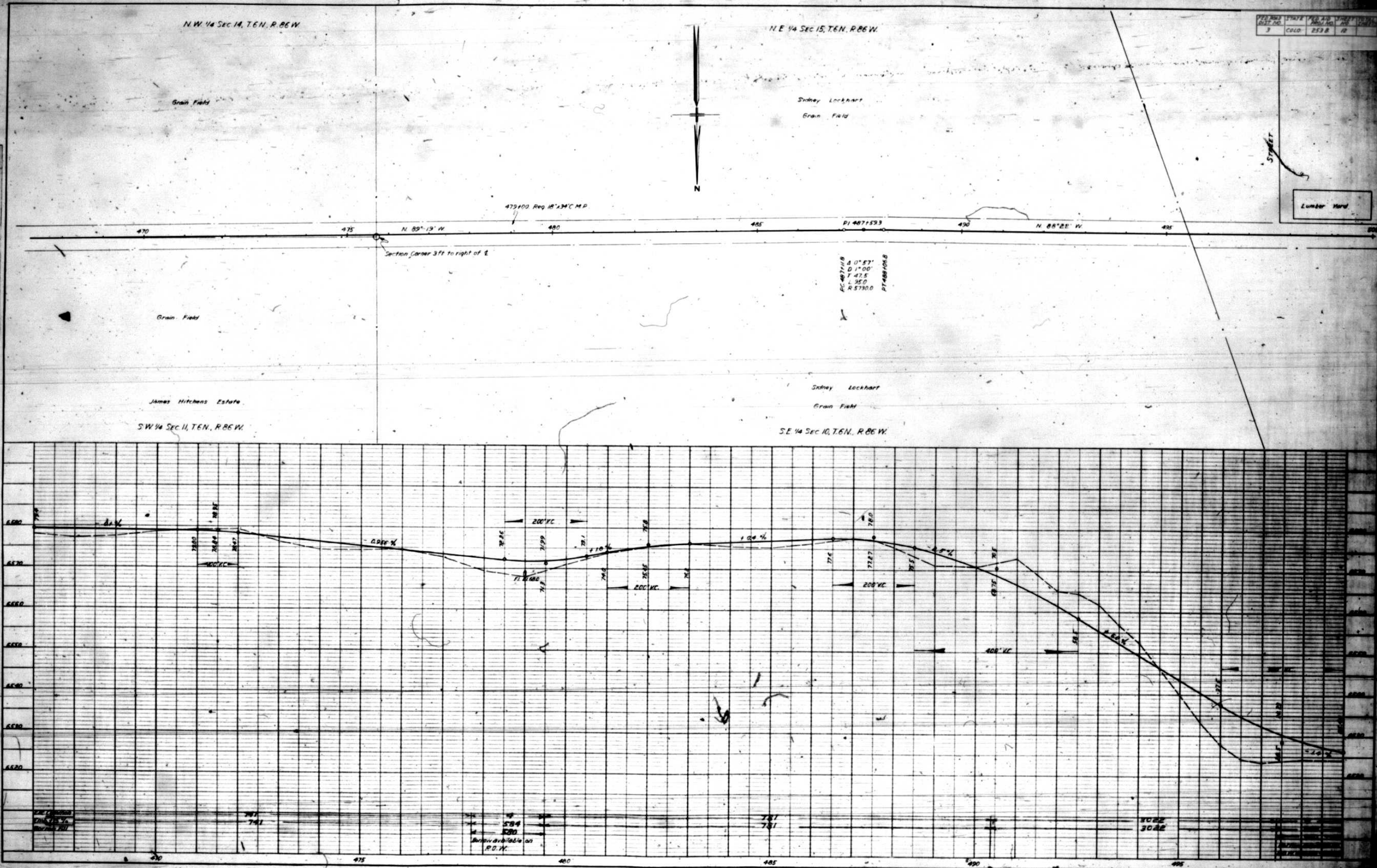
PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADE CHECKED		
NOTE BOOK		
NO.		
STRUCTURE NOTED AS CH. NO.		





PLAN	DATE	BY	CHECKED
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NO.			

PROFILE	DATE	BY	CHECKED
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NO.			



PLAN	DATE
NOTED	
PLOTTED	
NOTE BOOK	
BY	

PROFILE	DATE
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NOTE BOOK	
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