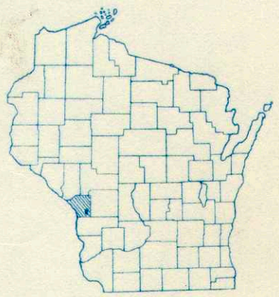
COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		FEDERAL DIVISION OFFICE	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
32.6	1421.0		11.1	WIS. 4	1	30

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2 TYPICAL CROSS SECTIONS
SHEET NO. 2 ESTIMATE OF QUANTITIES
SHEET NO. 2 A MISCELLANEOUS QUANTITIES
SHEET NO. — RIGHT OF WAY PLAT
SHEET NO. 3 – 6 PLAN AND PROFILE STA. 145 + 50 TO STA. 261 + 12
SHEET NO. 7 – 13 STANDARD DETAILS
SHEET NO. — DRAINAGE STRUCTURES
SHEET NO. 14 – 30 CROSS SECTIONS



STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

SOUTH COUNTY LINE – S.T.H. 33 ROAD

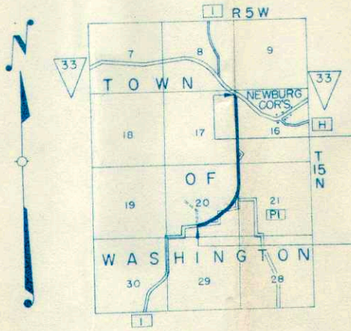
C.T.H. "I"

LA CROSSE COUNTY

PROJECT DS 1421(1)

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

SEP 1958
RECEIVED
COUNTY HIWAY DEPT.
LA CROSSE, WIS.



STA 261 + 12
END OF PROJECT DS 1421(1)
143.2' SOUTH OF THE NORTHWEST CORNER OF SEC. 16, T15N – R5W

STA 145 + 50
BEGINNING OF PROJECT DS 1421(1)
283.5' WEST & 1990' SOUTH OF THE CENTER OF SEC. 20 – T15N – R5W

145
11,600

CONVENTIONAL SIGNS

STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
PRESENT RIGHT OF WAY LINE
WIRE FENCE { WOVEN / BARBED
LOT LINE
CORPORATE OR CITY LIMITS
PROPERTY LINE — P.L. + 326
TRAVELED WAY OR P.E.
RAILROADS
BASE OR SURVEY LINE — 30
CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY — +61.7 269
MARSH
HEDGE
TREES
GROUND ELEVATION — DATUM LINE — 73.9
GRADE ELEVATION — DATUM LINE — 75.16

LAYOUT

SCALE — 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 2.166 MI.

APPROVED FOR LA CROSSE COUNTY BY:
8/21/58 DATE — COMMISSIONER

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR R.W.S. NOTE BOOK LL
DIVISION COMPUTER L.A.B. M. O. CHECKER
DISTRICT CHECKER R.C.J. CORRECT

CORRECT:
DATE 8/21/58 — DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 8/24/58 — ENGINEER OF DESIGN

APPROVED:
DATE 9/4/58 — STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE

DISTRICT ENGINEER

DS 1421(1)

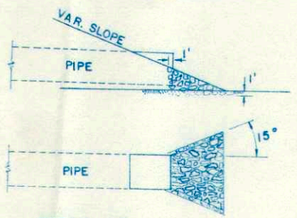
ESTIMATE OF QUANTITIES

CONTRACT NO. 1

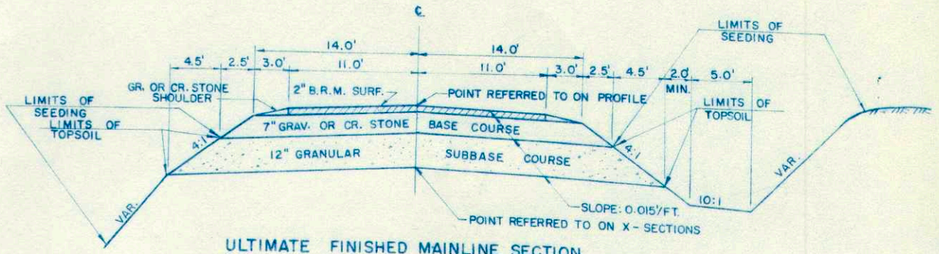
PROJECT	SHEET NUMBER	TOTAL SHEETS
DS 1421(1)	2	30

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1957 – APPROVED AUGUST 9, 1957; AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSALS.

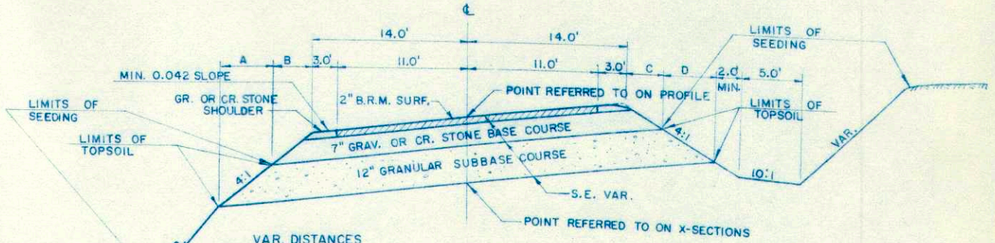
CONTRACT NO.	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	EXCAVATION UNCLASSIFIED	EXCAVATION BORROW	EXCAVATION	GRANULAR SUBBASE COURSE	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE	GRAVEL OR CRUSHED STONE BASE COURSE	CULVERT PIPE 18"	CULVERT PIPE 24"	CULVERT PIPE	CULVERT PIPE	PIPE CATTLE PASS 72"	RIP-RAP	GUARD FENCE	GUARD FENCE	MARKER POSTS	MARKER POSTS FOR R/W	CORRUGATED METAL CULVERT PIPE 24"	CORRUGATED METAL CULVERT PIPE 30"	CORRUGATED METAL CULVERT PIPE 60"	60" 10 GA. ELONGATED	MORTAR RUBBLE MASONRY	SODDING	TOPSOIL	TOPSOIL SALVAGED	FERTILIZER	SEEDING
	ITEM NO.		2101-1	2101-4	2106-5	2109-1	210-	2201-1	2114-1	2116-1	2203-1	23	2411-1	2411-2			2411-61	2512-1	2523	2523	2523-5	2523-6	2411-21	2411-22	2411-23	2411-23A	2409-2					
	UNIT	LIN. FT.	STA.	STA.	C.Y.	C.Y.	C.Y.	SQ. YD.	L.S.	STA.	C.Y.	C.Y.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.	LIN. FT.		EACH	EACH	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	C.Y.					
	145 + 50 – 261 + 12	11,434.9	27	29	69,297	10,294		48,110	1	35	10,406		544	430			66	6			50	80	52	52	42	170	110	2533-1	2528-1	2528-2	2531-1	2532-1
																												SQ. YD.	SQ. YD.	SQ. YD.	CWT.	SQ. YD.
																												614		11,714		47,700



DETAIL OF RIPRAP AT DISCHARGE END OF PIPES



ULTIMATE FINISHED MAINLINE SECTION
&
SIDE ROAD RT STA 182 + 22



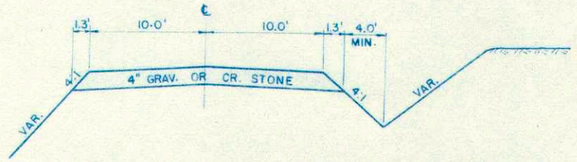
VAR. DISTANCES

SUPER	A	B	C	D
0.015	4.2	2.5	2.8	3.8
0.06	5.2	3.9	2.4	3.2
0.04	4.8	3.5	2.6	3.4

ULTIMATE FINISHED SUPERELEVATED SECTION

NOTE:

BIT. SURF. NOT PART OF THIS CONTRACT.



TYPICAL FINISHED PRIVATE ENTRANCE SECTION

APPLICABLE DETAIL DRAWINGS

1-3.1.1 DETAILS OF PRIVATE ENTRANCES & SIDE ROAD APPROACHES
1-4.1.1 OBLITERATING OLD ROAD
6-2.4.2 MORTAR RUBBLE MASONRY OR RIPRAP FOR CULVERT & CATTLE PASS END WALLS
6-7.1.1 REINFORCED CONCRETE PIPE - CORRUGATED METAL PIPE - CATTLE PASS 72"
7-1.3.3 MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY
8-1.3.1 DITCH CHECKS - MORTAR RUBBLE MASONRY & SOD
9-1.1.3 DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS

DETAIL SUMMARY OF MISCELLANEOUS QUANTITIES

CLEARING & GRUBBING

Sta. - Sta.	Clearing Sta.	Grubbing Sta.
191+00 - 192+00	-	1
194+00 - 195+00	-	1
199+00 - 202+00	-	3
207+00 - 209+00	2	2
209+00 - 212+00	3	-
212+00 - 221+00	8	8
244+00 - 254+00	10	10
257+00 - 261+00	4	4

OBLITERATING OLD ROAD

Sta. - Sta.	Stations
161+00 - 173	13.7
174 - 177+75	2.7
177+00 - 182 +00	6.0
182+50 - 184	1.4
210 - 222	11.1

BASE COURSE

Sta.	Location	C.Y.
145+50 - 261+12	Centerline	9,816
177+00	P. E. Rt.	45
182+22	S. R. Rt.	95
261+12	Intersec. S.T.H. 33	65
24 P.E's		385

GRANULAR SUBBASE

Sta.	Location	S.Y.
145+50 - 261+12	Centerline	47,645
261	Intersec. S.T.H. 33	187
182+22	Intersec. CTH "PI"	278

SHOULDER MARKER POSTS

Sta. - Sta.	Side	Spacing	No.
209+50 - 212+00	Lt.	50' C-C	6
209+50 - 212+00	Rt.	50' C-C	6
241+00 - 244+00	Lt.	50' C-C	7
241+00 - 244+00	Rt.	50' C-C	7

DITCH CHECKS

Sta. - Sta.	Side	No.	Size	Mor. Rub. Mas. C.Y.	Sod S.Y.
201+00 - 203+00	Lt.	7	4' x 12'	4.7	28
201+00 - 204+10	Rt.	13	4' x 12'	8.7	52
206+00 - 208+00	Lt.	8	4' x 12'	5.3	32
206+00 - 208+20	Rt.	11	4' x 12'	7.4	44
214+50 - 218+50	Lt.	15	4' x 12'	10.0	60
214+50 - 218+00	Rt.	14	4' x 12'	9.4	56
222+00 - 225+00	Rt.	11	4' x 12'	7.4	44
239+00 - 240+75	Lt.	12	6' x 12'	-	96
238+00 - 240+00	Rt.	9	6' x 12'	-	72
255+00 - 259+00	Lt.	11	4' x 12'	7.4	44
256+00 - 259+00	Rt.	9	4' x 12'	6.1	36
Undistributed					50

CULVERT PIPE

Sta.	Location	Pipe Required Dia.	Pipe Required L.F.	Marker Posts	Mort. Rub. Mas. Side	Mort. Rub. Mas. C.Y.	Riprap Side	Riprap C.Y.
148+85	P.E. Rt.	18"	32	-	-	-	-	-
157+00	P.E. Lt.	18"	32	-	-	-	-	-
159+00	C.L.	24"	56	2	-	-	Rt.	0.6
162+00	P.E. Rt.	18"	32'	-	-	-	-	-
169+00	C.L.	24"	50'	2	-	-	Rt.	0.6
175+00	C.L.	24"	74'	2	-	-	Rt.	0.6
184+10	P.E. Lt.	18"	32'	-	-	-	-	-
184+10	P.E. Rt.	18"	32'	-	-	-	-	-
192+00	C.L.	72" P.C.P.	66'	2	Lt. & Rt.	19.9	-	-
192+60	C.L.	24"	86'	2	-	-	Lt.	0.6
196+35	P.E. Lt.	18"	32'	-	-	-	-	-
196+35	P.E. Rt.	18"	32'	-	-	-	-	-
197+40	P.E. Rt.	18"	32'	-	-	-	-	-
199+50	P.E. Rt.	18"	32'	-	-	-	-	-
200+10	P.E. Rt.	18"	32'	-	-	-	-	-
204+10	C.L.	24"	52'	2	-	-	Lt.	0.6
219+50	C.L.	24"	54'	2	-	-	Rt.	0.6
222+55	P.E. Lt.	18"	32'	-	-	-	-	-
223+30	P.E. Rt.	18"	32'	-	-	-	-	-
234+49	C.L.	24"	58'	2	-	-	Lt.	0.6
235+90	P.E. Rt.	18"	32'	-	-	-	-	-
240+00	P.E. Lt.	18"	32'	-	-	-	-	-
249+05	P.E. Lt.	18"	32'	-	-	-	-	-
253+60	P.E. Lt.	18"	32'	-	-	-	-	-
259+30	P.E. Rt.	18"	32'	-	-	-	-	-

CORRUGATED METAL CULVERT PIPE

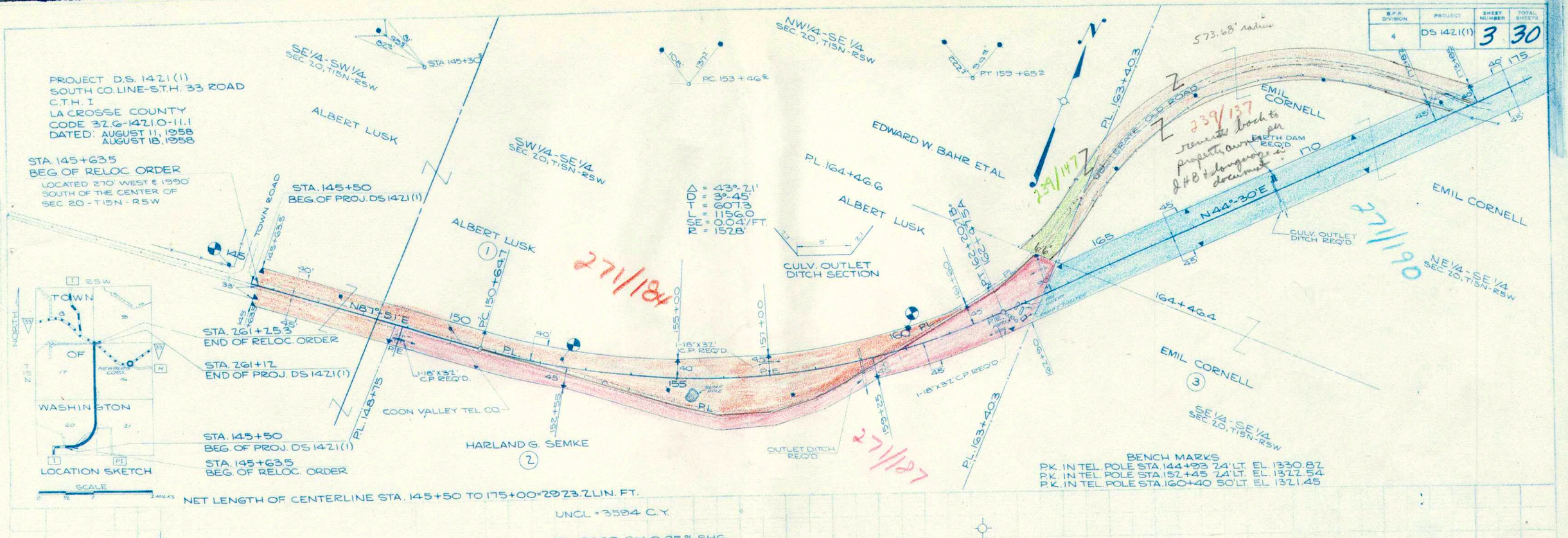
Sta.	Location	Pipe Required Dia.	Pipe Required L.F.	Marker Posts	Mort. Rub. Mas. Side	Mort. Rub. Mas. C.Y.	Riprap Side	Riprap C.Y.
191+23	Ext. Lt.	24"	52'	2	-	-	Lt.	0.9
210+95	C.L.	60"	170'	2	Lt. & Rt.	11.9	-	-
242+52	Ext. Lt.	60"	26'	1	Lt.	5.9	-	-
242+52	Ext. Rt.	60"	16'	1	Rt.	5.9	-	-
251+78	Ext. Lt.	30"	32'	1	-	-	Lt.	0.9
251+78	Ext. Rt.	30"	20'	1	-	-	-	-

PROJECT	SHEET NO.	TOTAL SHEETS
DS 1421 (1)	2-A	30

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	DS 1421(1)	3	30

PROJECT D.S. 1421(1)
SOUTH CO. LINE-S.T.H. 33 ROAD
C.T.H. I
LA CROSSE COUNTY
CODE 32.6-1421.0-11.1
DATED: AUGUST 11, 1958
AUGUST 18, 1958

STA. 145+635
BEG. OF RELOC. ORDER
LOCATED 270' WEST & 1990' SOUTH OF THE CENTER OF SEC 20 - T15N - R5W

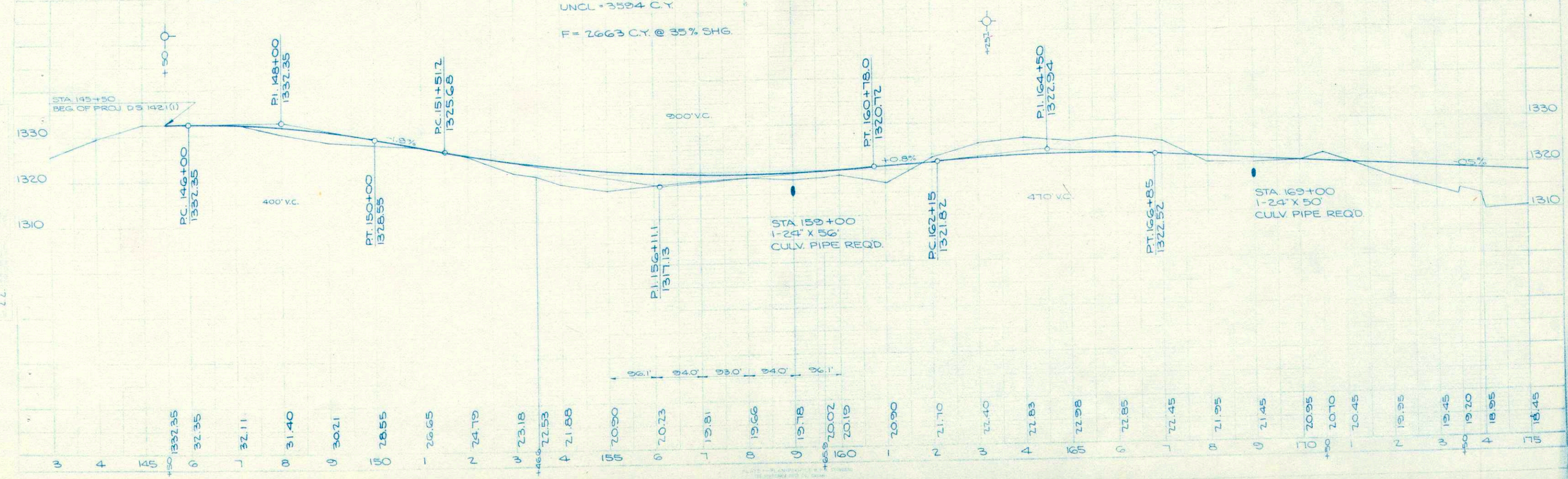


SCALE 0 ½ 1 2 MILES

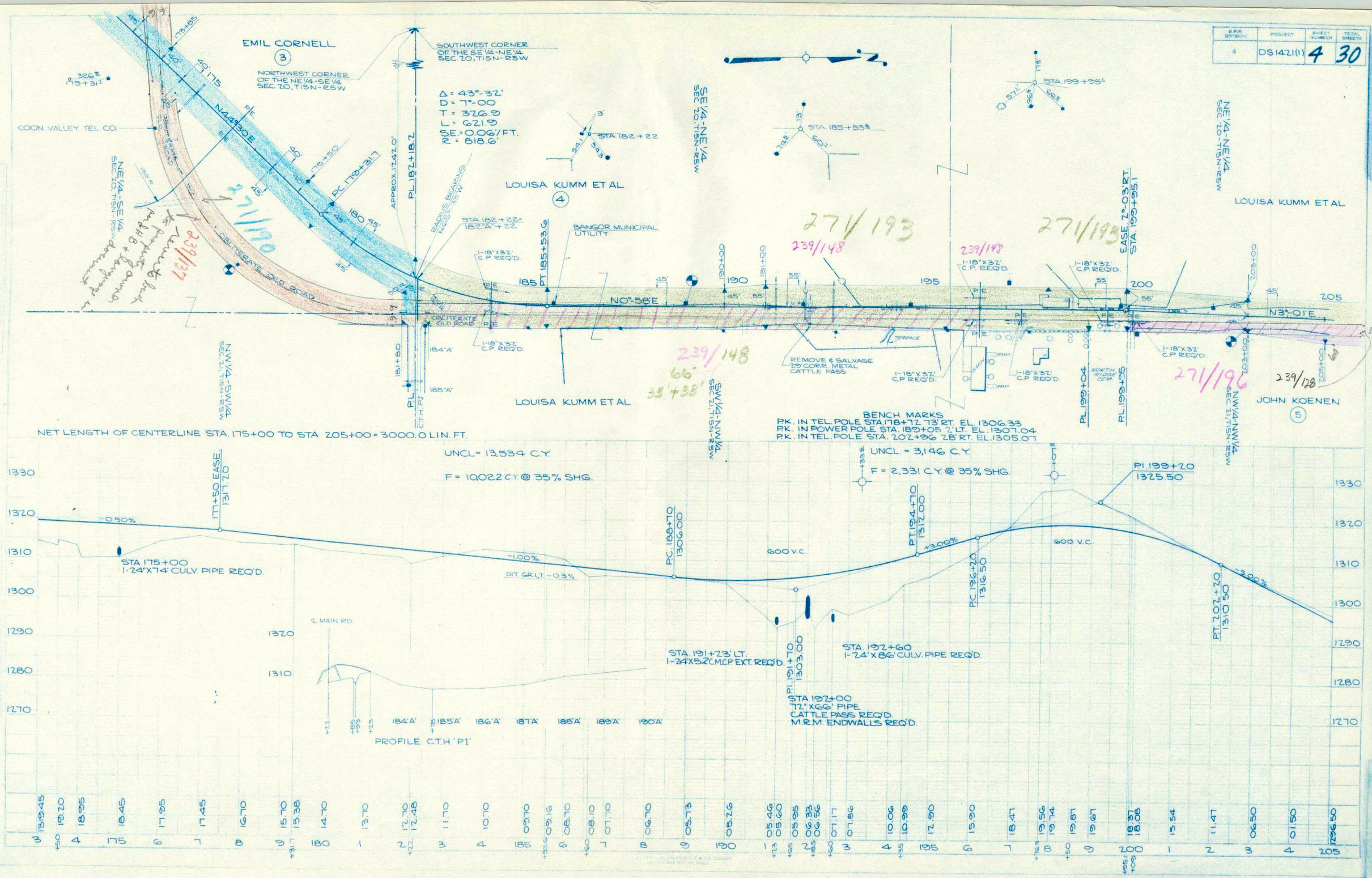
NET LENGTH OF CENTERLINE STA. 145+50 TO 175+00 = 2923.2 LIN. FT.

UNCL = 3594 C.Y.

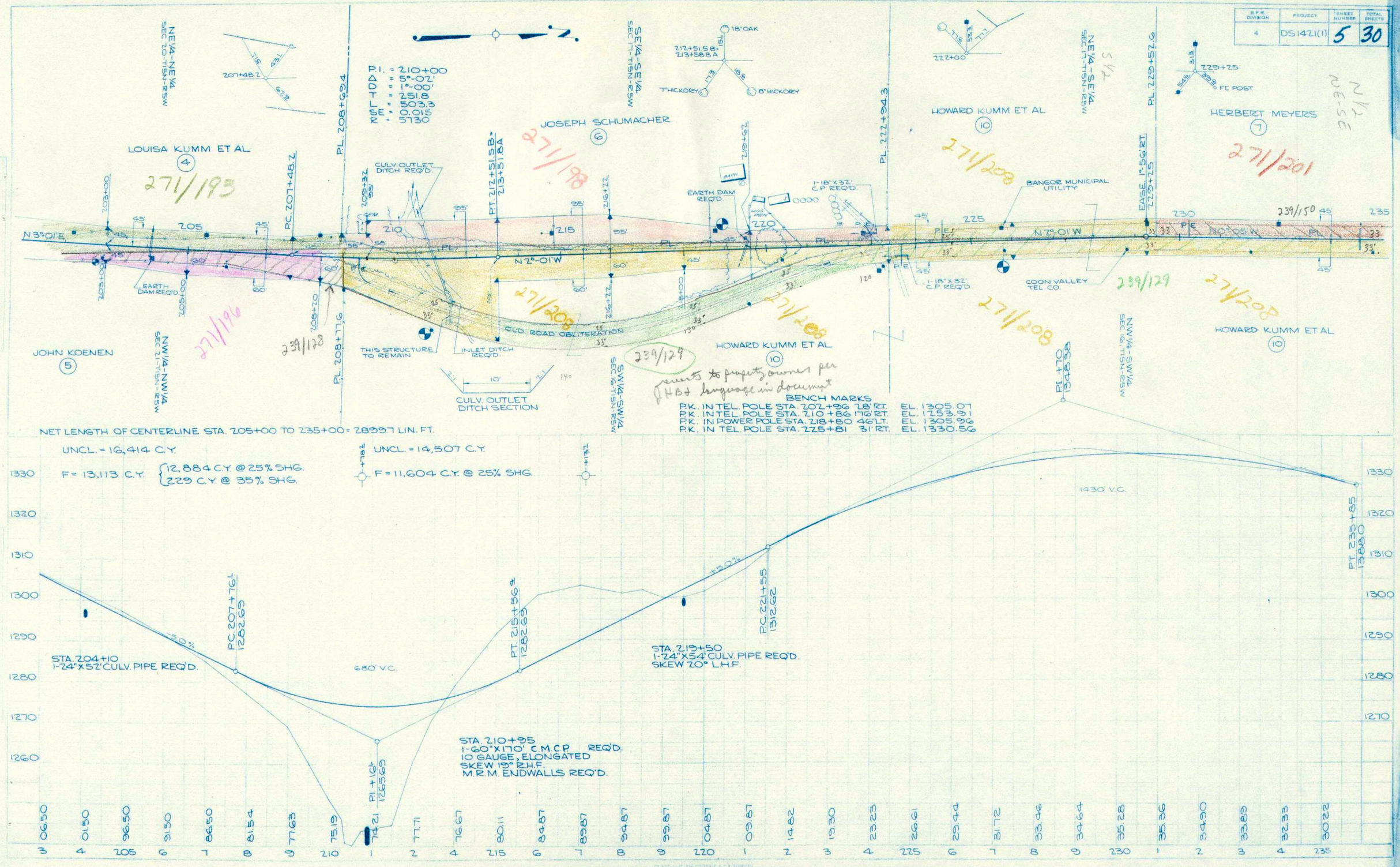
F = 2663 C.Y. @ 35% SHG.



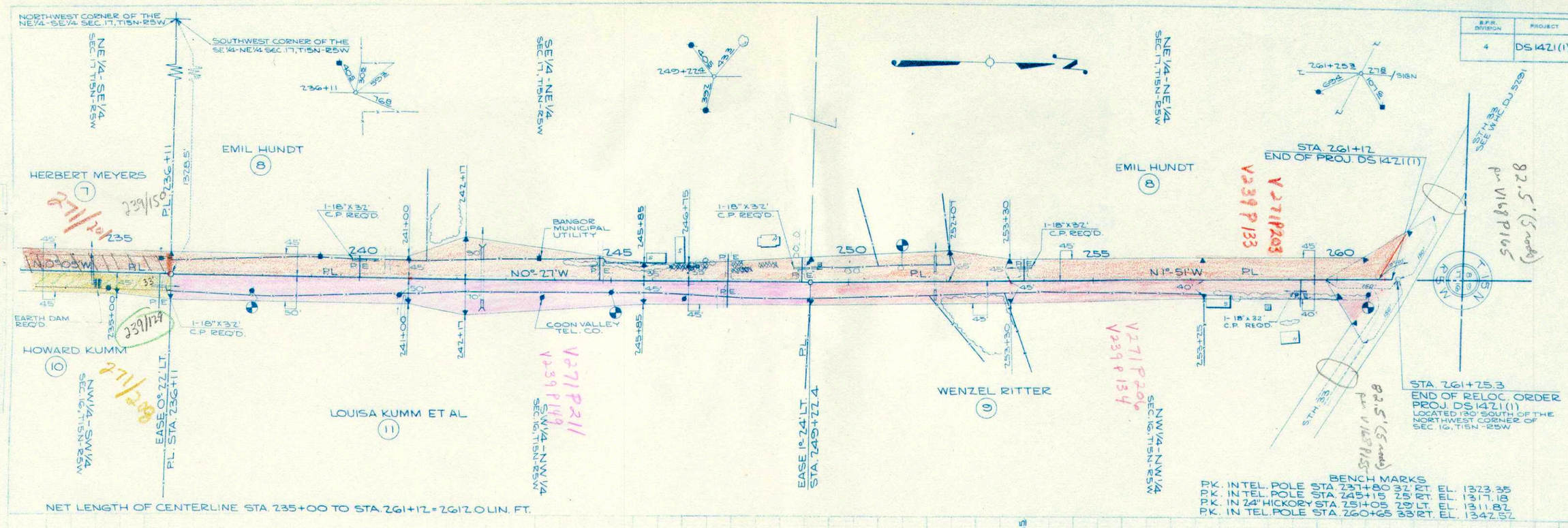
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	DS 147.1(1)	4	30



B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	DS1421(1)	5	30

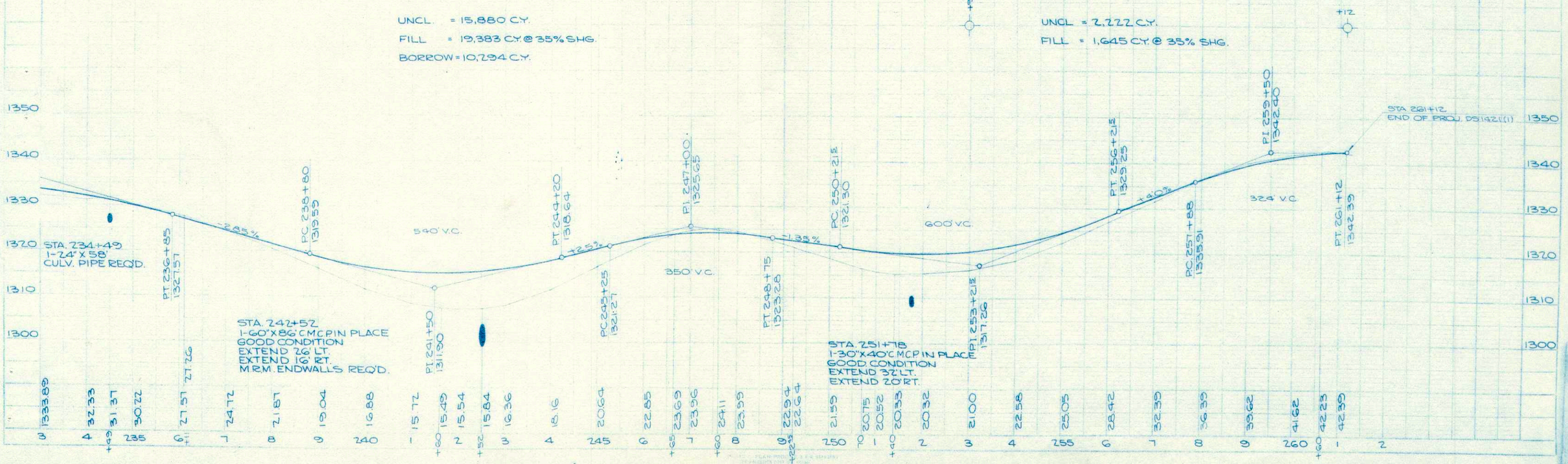


B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	DS 1421(1)	6	30



UNCL. = 15,880 C.Y.
FILL = 19,383 C.Y. @ 35% SHG.
BORROW = 10,294 C.Y.

UNCL = 2,222 C.Y.
FILL = 1,645 C.Y. @ 35% SHG.



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	14	30

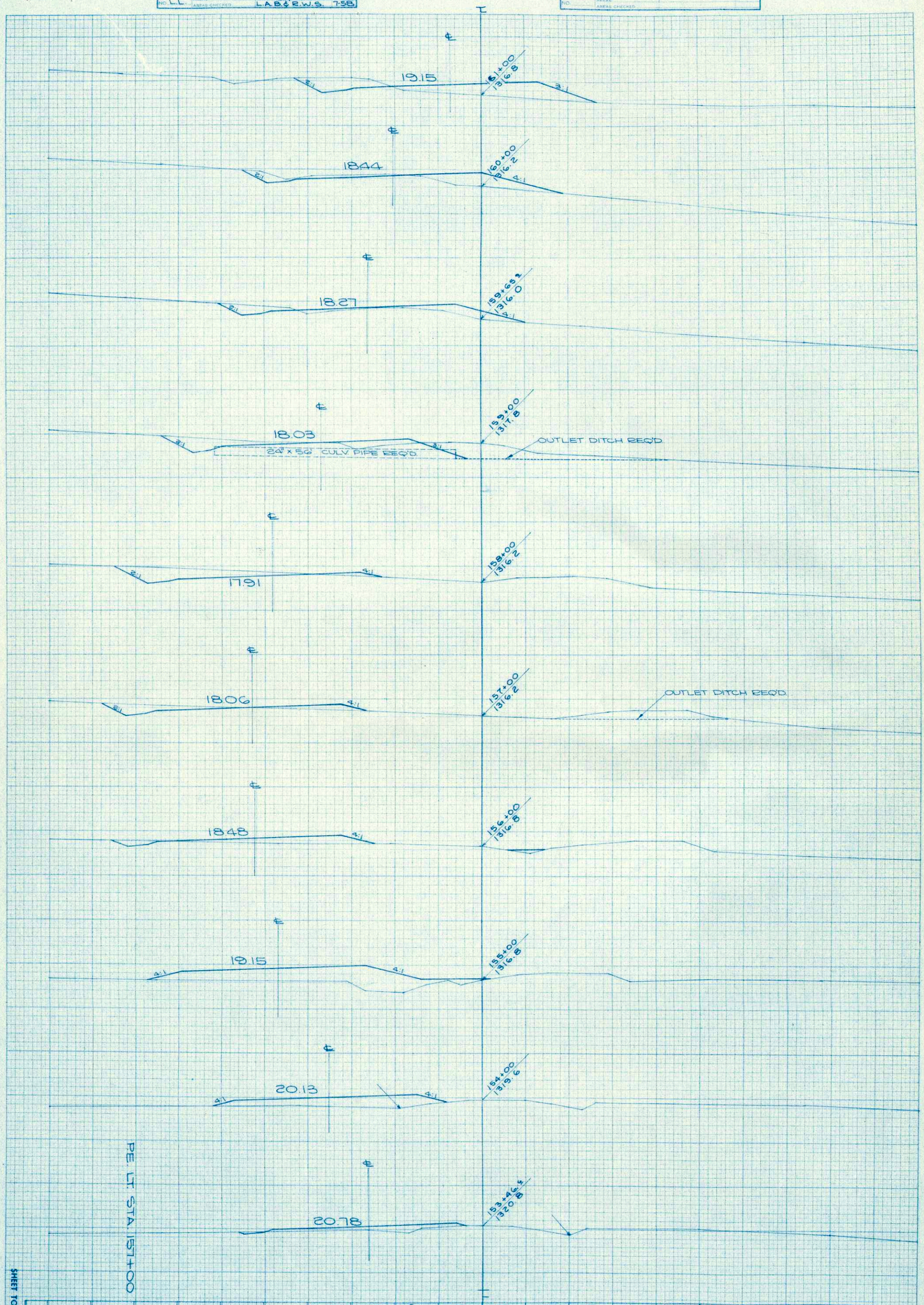
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE EXCAVATION	YARDAGE EXCAVATION	YARDAGE EXCAVATION	YARDAGE EXCAVATION	YARDAGE FILL
145 50							
		100					0
146							
		419					0
147							
		228					46
148							
		9					185
149							
		9					206
150							
		120					89
151							
		181					28
152							
		107					28
153							
							15
SHEET TOTAL		1173					597

ORIGINAL SURVEY	BY	DATE
SURVEYED	R.W.S.	6-58
PLOTTED	J.W.&J.Z.	1-59
TEMPLATE	G.F.F.	9-58
AREAS	L.A.B.&R.W.S.	7-58
AREAS CHECKED	L.A.B.&R.W.S.	7-58

NOTE BOOK NO. L.L.

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

NOTE BOOK NO.

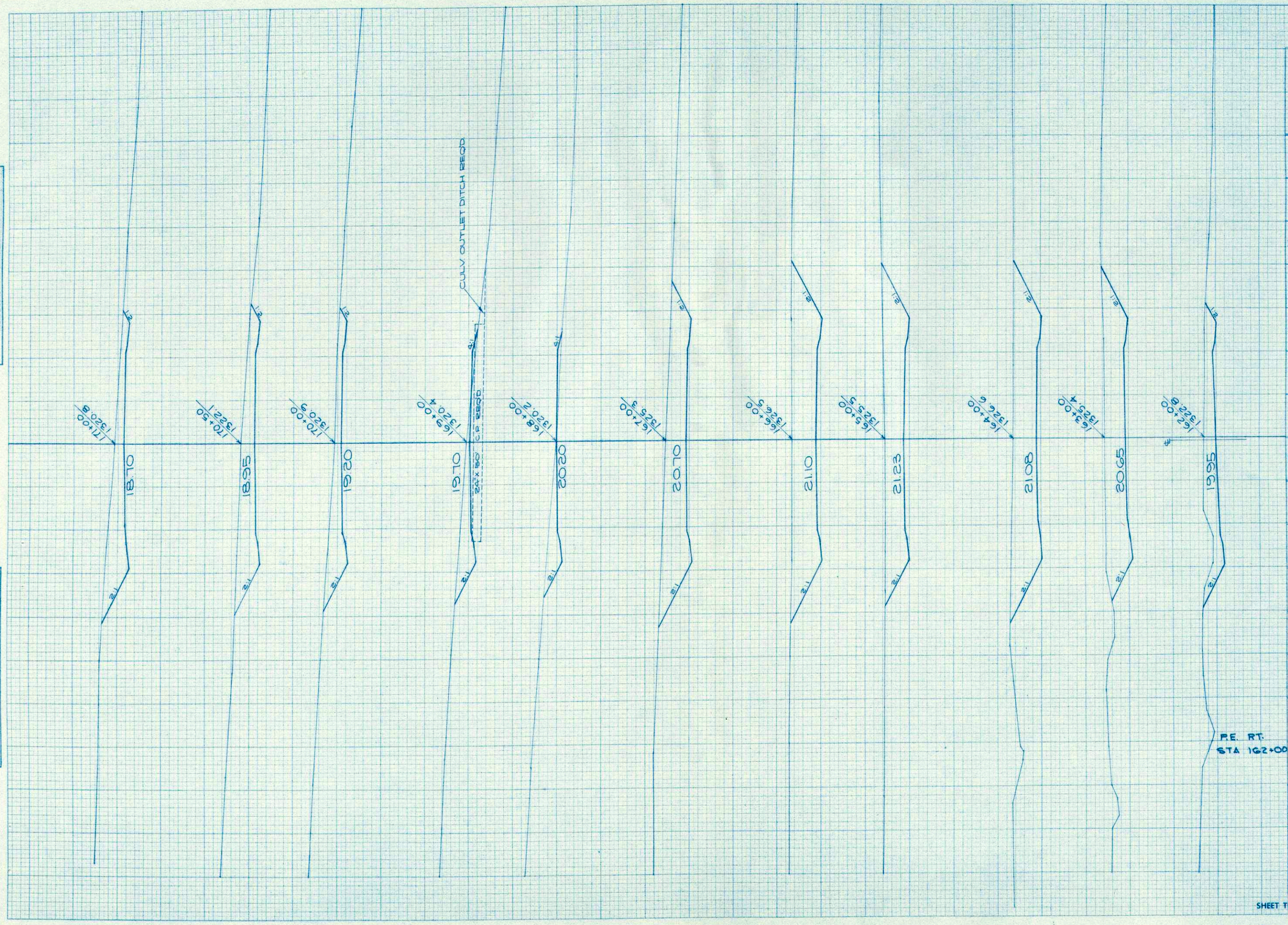


STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE EXCAVATION FILL
153			
154 + 46.5	17	41	134
154	0	134	538
155	0	538	439
156	17	439	111
157	78	111	43
158	183	43	80
159	80	80	98
159 + 65.2	78	98	70
160	35	70	292
161	189	292	17
SHEET TOTAL	747	1864	17

B.P.R. DIVISION OF HIGHWAYS	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 14 21(1)	15	30

PLATE 3—CROSS SECTION O. P. R. R. R. STANDARD
THE FREDERICK POST CO. CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	16	30

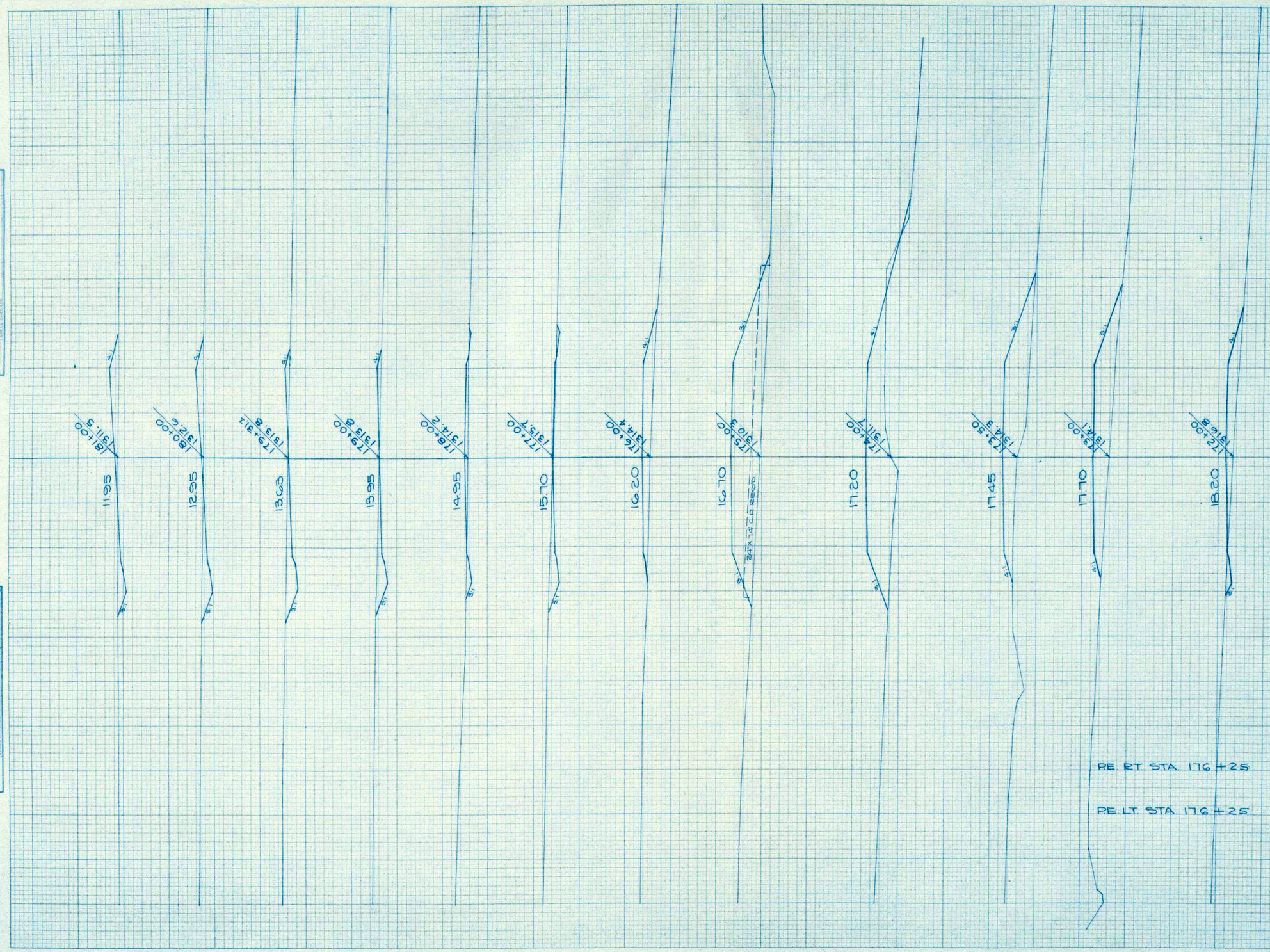


STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
161			
		352	185
162			
		348	0
163			
		1461	0
164			
		1413	0
165			
		1392	0
166			
		1426	0
167			
		766	18
168			
		260	33
169			
		424	15
170			
		335	0
170 + 50			
		361	0
171			
			17
SHEET TOTAL		9138	7

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

ORIGINAL SURVEY
SURVEYED R.W.S. 6-58
PLOTTED J.W.E. J.S. 7-58
TEMPLATE R.B.M. 8-58
AREAS R.B.M. 1-59
AREAS CHECKED
NOTE BOOK
NO. L.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	17	30



P.E. RT. STA. 176+25

P.E. LT. STA. 176+25

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				YARDAGE FILL
171						
		339				126
172						
		14				479
173						
		0				378
+50						
		6				468
174						
		12				1209
175						
		0				852
176						
		59				167
177						
		72				46
178						
		64				65
179						
		41				14
179+17						
		91				41
180						
		93				95
181						
		75				55
		0				17
SHEET TOTAL		866				4012

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO. L.L.

BY: J.W.S. J.W.L. L.E.M. M.F.

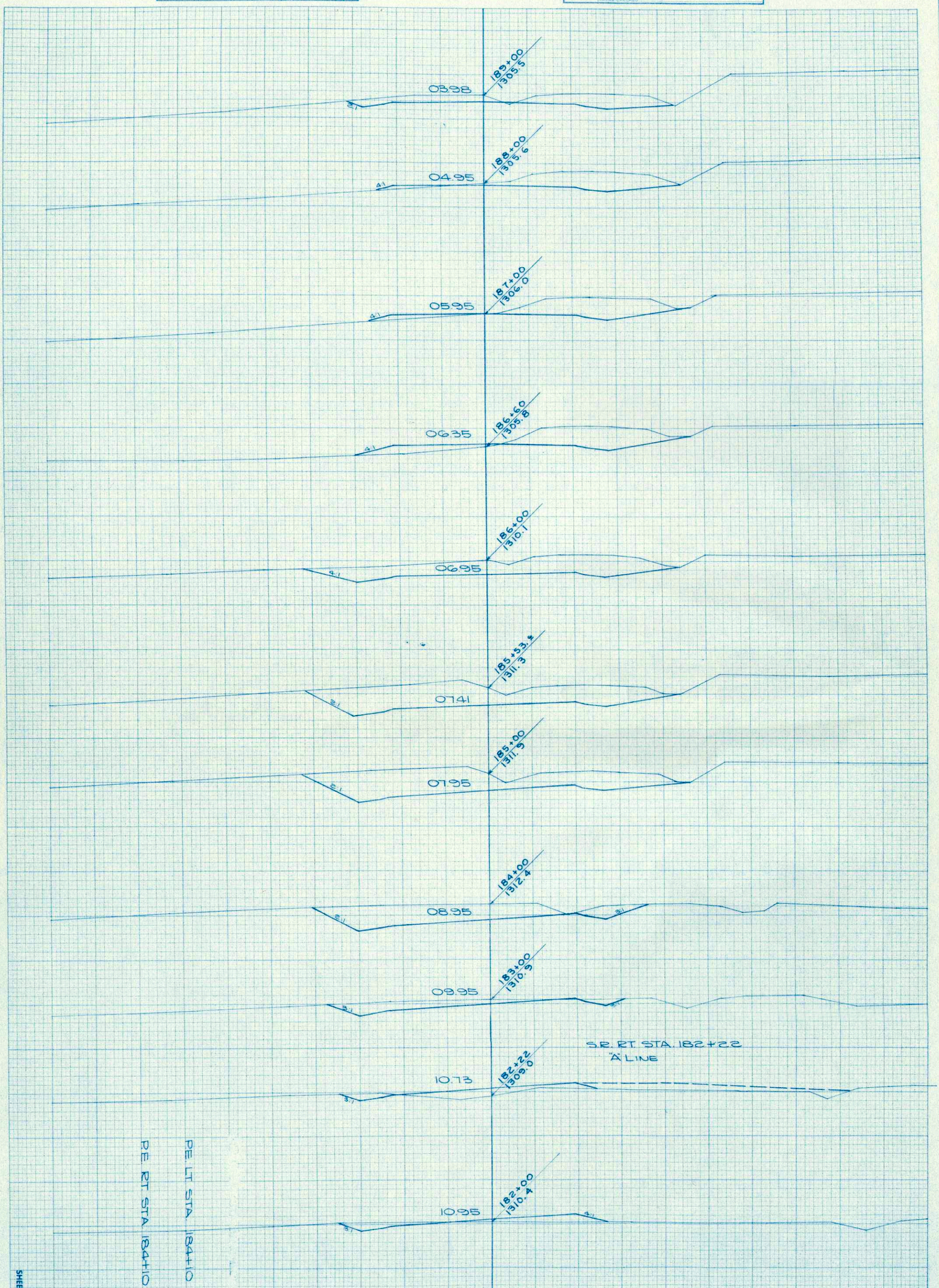
DATE: 6-28-55 6-29-55 7-5-55 7-7-55

ORIGINAL SURVEY	BY	DATE
SURVEYED	R W S	7-58
PLOTTED	J & J W	1-59
TEMPLATE	G T F	8-59
AREAS	T B M	8-59
AREAS CHECKED	T B M	7-59

NOTE BOOK NO. LL

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		

NOTE BOOK NO.



PE RT STA 184+10

PE LT STA 184+10

STATION	DISTANCE	UNCL.	EXCAVATION	FILL
181				
182		74		109
+22		13		32
183		121		70
184		510		0
185		1004		0
+36		688		0
186		486		0
+60		419		42
187		204		40
188		437		40
189		452		12
		15		17
		0		17

YARDAGE

SHEET TOTAL 4633 372

B.P.R. DIST. OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	18	30

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	19	30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
189						
		355				28
190						
		146				802
191						
		4				435
+23						
		8				927
+65						
		0				653
192						
		0				375
+85						
		0				901
+60						
		0				763
193						
		0				1584
194						
		0				399
+35						
		7				466
195						
		190				306
196						
SHEET TOTAL		710				7639

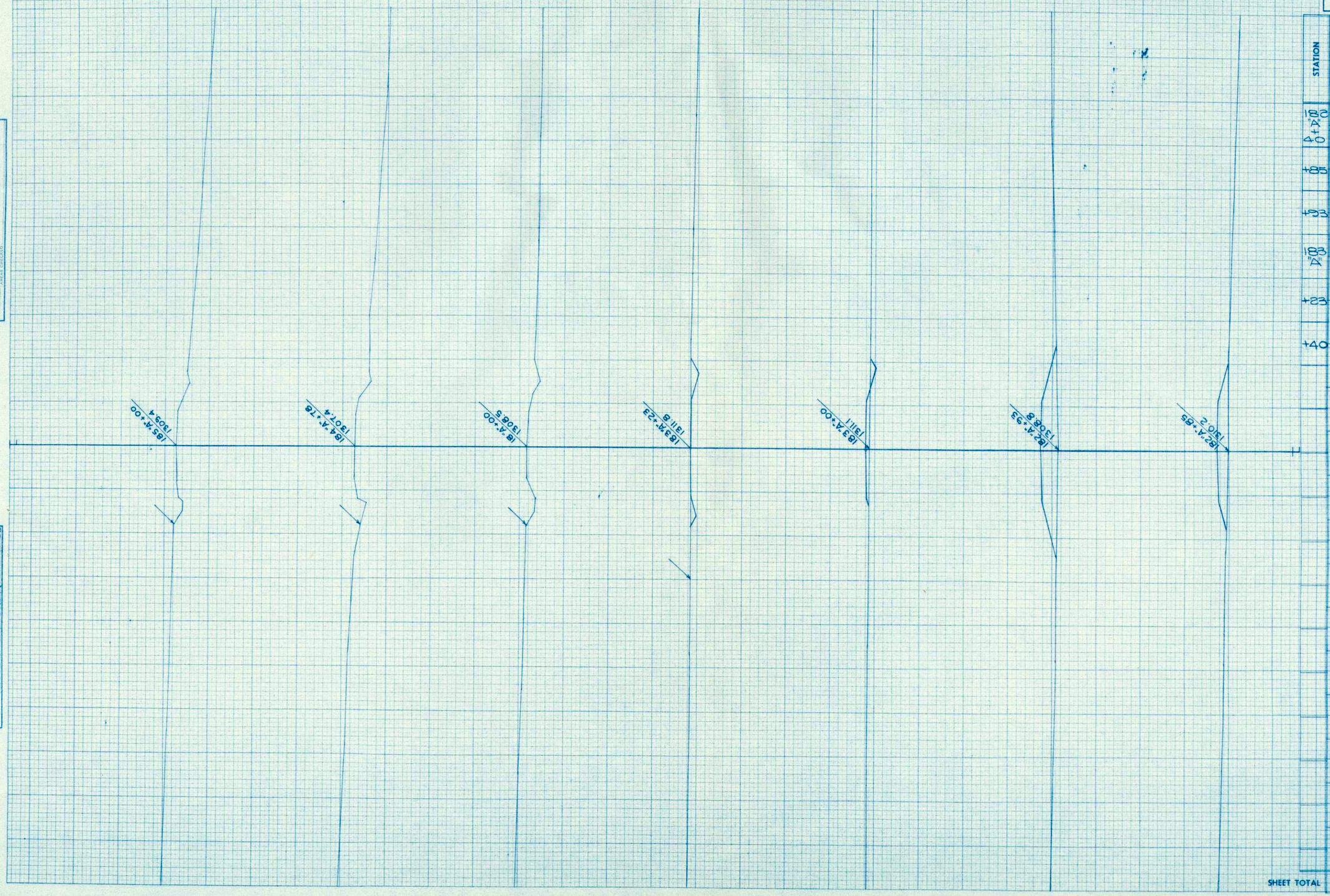
FINAL SURVEY
SURVEYED
PLOTTED
NOTE-BOOK TEMPLATE
AREAS
NO. AREAS CHECKED
DATE
BY

ORIGINAL SURVEY
SURVEYED R.W.S. 7-58
PLOTTED J.S.K. 8-58
NOTE-BOOK TEMPLATE J.G.F. 7-58
NO. 1 AREAS I.B.M.
AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421 (1)	20	30

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO. L.L.
BY
DATE
E.W.S. 6-58
G.E.F. 7-58
G.E.F. 8-58
I.B.M. 7-58



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
184A+00						
		0				83
+85						
		0				15
+93						
		0				18
183A+23						
		33				43
+23						
		86				0
+40						

SHEET TOTAL 59

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
196			
	194		51
195			
	1366		0
194+50			
	1803		0
194+00			
	1120		0
193+50			
	1706		0
193+00			
	284		0
192+50			
	1300		0
192+00			
	1115		0
191+50			
	606		61
191+00			
	307		75
190+50			
	2165		13
190+00			
	4308		0
189+50			
PE. LT. STA. 196+35		10	17
PE. RT. STA. 196+35		0	17
PE. RT. STA. 197+40		10	17
PE. RT. STA. 199+50		15	17
PE. RT. STA. 200+10		20	17
SHEET TOTAL		16,868	291

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(11)	21	30

FINAL SURVEY — DATE — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — NOTEBOOK — NO.

ORIGINAL SURVEY — DATE 7-58 — BY R.W.S. — SURVEYED J.E.J.W. — PLOTTED — TEMPLATE R.F.S. — AREAS F.B.M. — AREAS CHECKED — NOTE BOOK — NO. L.L.

PLATE 3—CROSS SECTION G. F. R. & R. E. STANDARD

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421 (1)	22	30

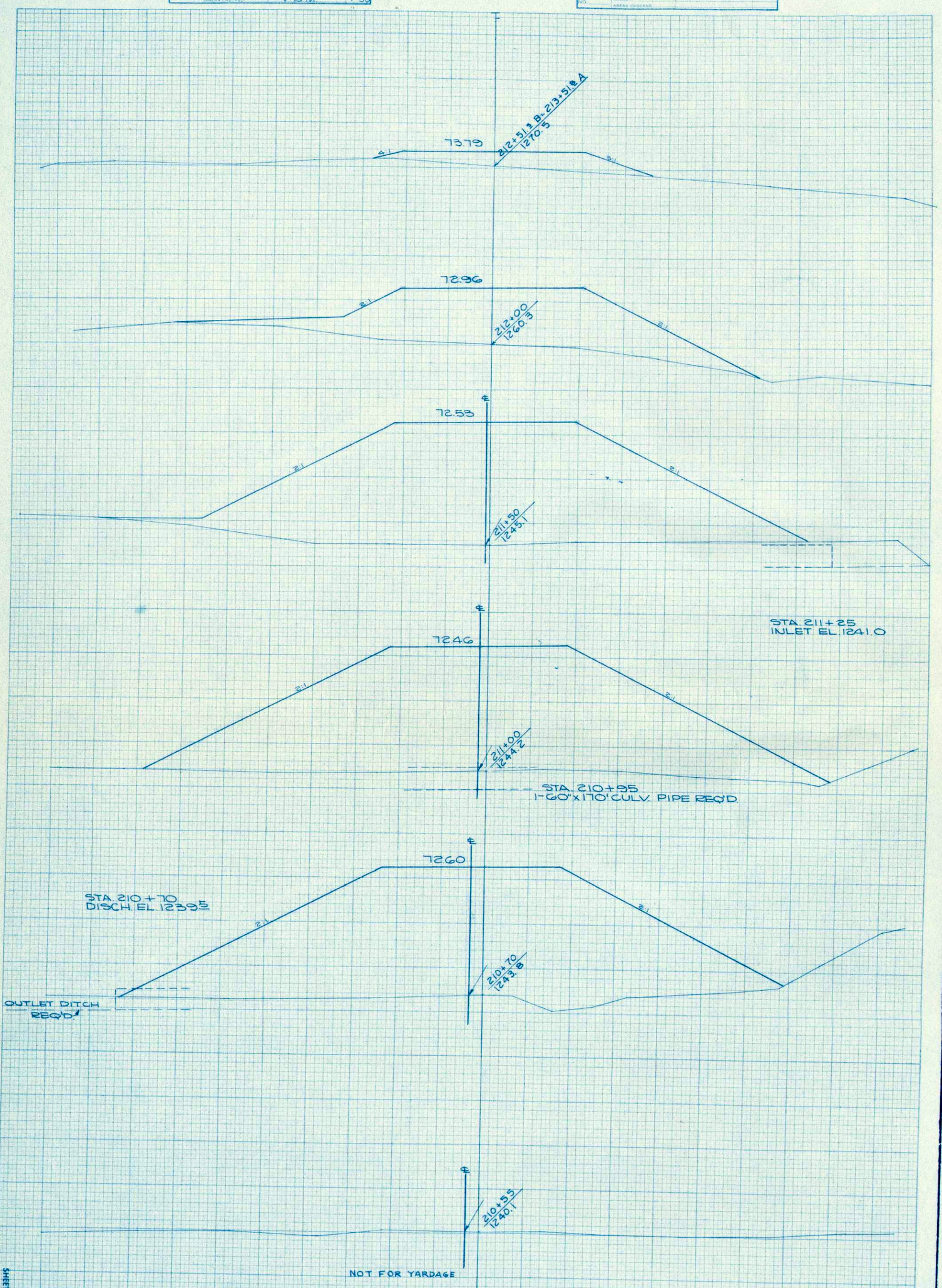
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
206						
		2397				45
207						
		86				335
208						
		10				1214
209						
		0				1360
60+						
		0				2125
210						
		0				3542
38+						

FINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK TEMPLATE
NO. AREAS
AREAS COMPUTED
BY DATE

ORIGINAL SURVEY
SURVEYED J. R. W. S. 7-58
PLOTTED J. G. E. J. W. 7-58
NOTE BOOK TEMPLATE F. B. E. M. 8-58
NO. L. L. AREAS 7-58
AREAS COMPUTED

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO. LL-	SURVEYED	R.W.S.	7-58
	PLOTTED	J.W.G.	7-58
	TEMPLATE	J.B.T.	8-58
	AREAS	J.B.M.	7-58
	AREAS CHECKED		7-58

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



STATION	DISTANCE	UNCL.	EXCAVATION	FILL
210+38		0		3439
210+70		0		4390
211		0		4395
211+50		0		3151
212		0		1038
212+51 ℄ B				
212+51 ℄ A				

YARDAGE

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	23	30

SHEET TOTAL

0	15163

PLATE 3-CROSS SECTION O.P.R.&B.E. STANDARD

THE FREDERICK POST CO., CHICAGO

FINAL SURVEY
NOTE BOOK
NO.

ORIGINAL SURVEY
SURVEYED
PLOTTED
TRACED
AREAS
AREAS CHECKED
DATE
R.W.S. 6-58
J.J.W. 8-58
J.E.H. 8-58
L.B.M. 7-58
L.L.

S.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	29	30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					FILL
212+50 = 213+50 B / 213+50 = 215 A							
214		841					159
215		2727					0
216		5254					0
217		5128					0
218		4079					0
50 +		1170					0
SHEET TOTAL		19,199					159

PLATE 3-CROSS SECTION O. P. R. & R. E. STANDARD

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	25	30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
218 50						
		651				5
219						
		183				31
+50						
		15				86
220						
		75				215
221						
		409				95
222						
		465				0
+70						
		150				5
223						
		292				16
224						
		314				1
225						
P.E. LT. STA. 222+65		5				17
P.E. RT. STA. 223+30		5				52
P.E. LT. STA. 224+30		0				17
SHEET TOTAL		2564				540

FINAL SURVEY
SURVEYED
PLOTTED
COMPUTED
NOTE BOOK
TEMPLATE
NO.
AREAS
AREAS CHECKED
DATE

ORIGINAL SURVEY
SURVEYED J. R. W.
PLOTTED J. S. W.
COMPUTED J. L. M.
NOTE BOOK
NO. L.L.
AREAS
AREAS CHECKED
DATE 7-18-49 7-19-49 7-19-49

PLATE 3-CROSS SECTION O. P. R. & R. E. STANDARD

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421 (1)	26	30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
225			
	464		0
226			
	671		0
227			
	970		0
228			
	1108		0
229			
	260		0
+25			
	581		0
230			
	345		21
231			
	74		94
232			
	10		178
233			
	38		215
234			
	48		108
+49			
	104		60
235			
	469		9
236			
			17
SHEET TOTAL		5142	702

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREA
NOTE BOOK
NO.
CROSS CHECKED
BY
DATE

ORIGINAL SURVEY
SURVEYED J.Z. 7-53
PLOTTED R.W.S. 7-53
TEMPLATE J.W. 8-53
AREA P.L.M. 7-53
NOTE BOOK L.L.
CROSS CHECKED T.B.M. 7-53

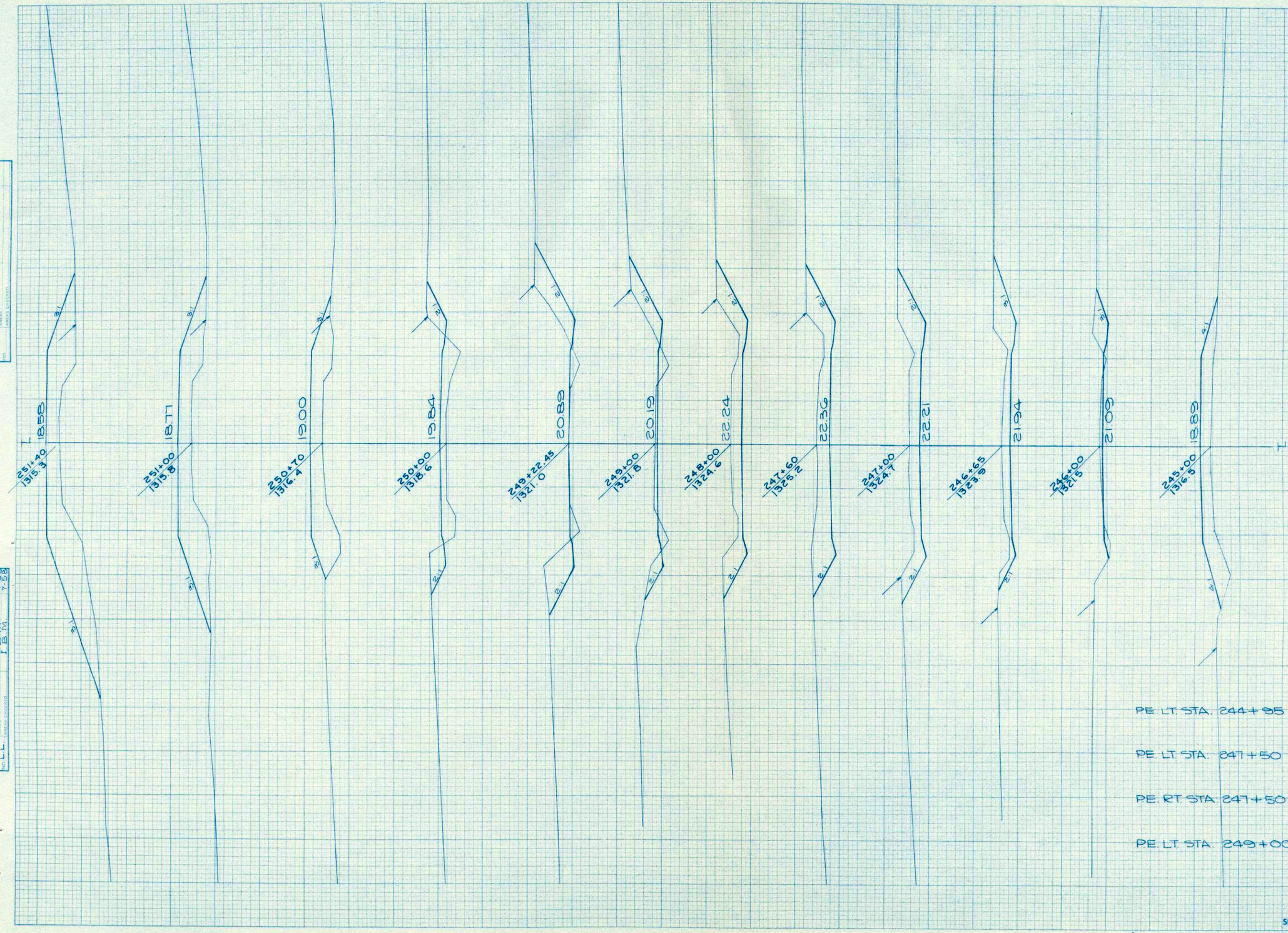
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421 (1)	27	30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
236						
		72				0
11+						
		609				4
237						
		445				55
238						
		91				329
239						
		0				830
240						
		0				1492
241						
		0				1489
+60						
		0				1442
242						
		0				2204
+52						
		0				1895
243						
		0				2847
244						
						40
SHEET TOTAL		1217				12,627

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLET
TRACED
AREAS COMPUTED
NOTE BOOK NO.
DATE
NO.

ORIGINAL SURVEY
BY R.W.S. 5-5-58
PLOTTED G.E.M. 6-6-58
TEMPLET
TRACED I.B.M. 7-7-58
AREAS
NOTE BOOK NO. LL
DATE
NO.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	28	30



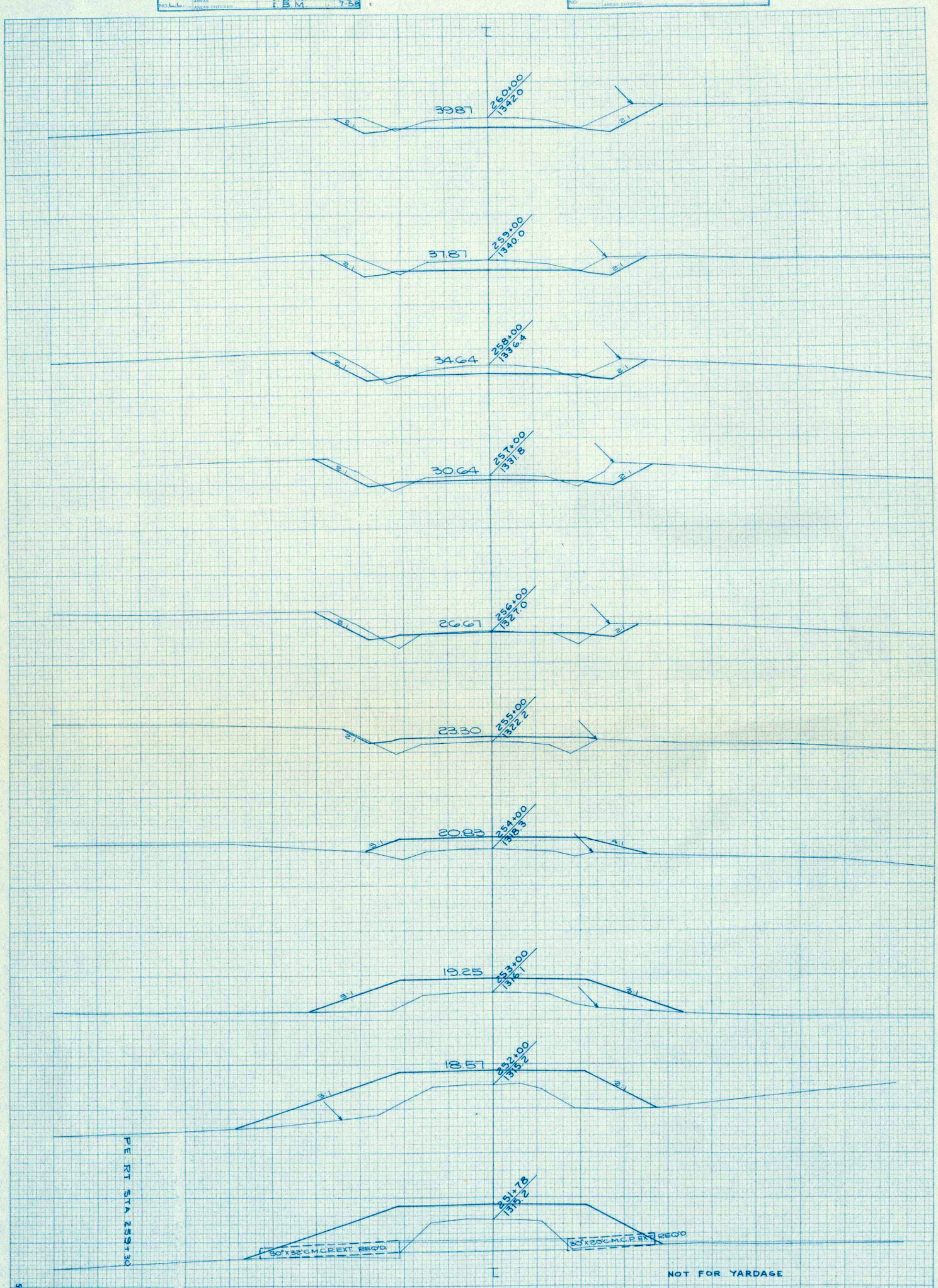
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
244						
		0				1400
245						
		95				339
246						
		224				10
+65						
		212				1
247						
		472				0
+60						
		312				0
248						
		505				29
249						
		91				14
224						
		268				159
250						
		62				391
+70						
		0				277
251						
		0				514
+40						
PE. LT. STA. 244+95						43
PE. LT. STA. 247+50		10				17
PE. RT. STA. 247+50		15				17
PE. LT. STA. 249+00						17
SHEET TOTAL		2266				3228

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.
BY
DATE

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO. L.L.
BY
DATE
DRAWN J.C.J. 6-58
PLOTTED 6-58
TEMPLATE 6-58
AREAS F.B.M. 7-58
AREAS CHECKED F.B.M.

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO. LL.	SURVEYED	R.V.S.	6-58
	PLOTTED	DEM & JCJ	6-58
	TEMPLATE	G.P.	6-58
	AREAS	I.B.M.	7-58
	AREAS CHECKED	I.B.M.	7-58

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE EXCAVATION FILL
260			
259	477	20	20
258	424		
257	365		
256	240		
255	101		
254	11		
253	0		
252	0		
251+40	0		
SHEET TOTAL	1638	20	3920

B.P.R. DIRECT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 142(1)	29	30

PLATE 3—CROSS SECTION O. P. & R. R. E. STANDARD
THE PRESERVICE PORT CO. CHICAGO

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	DS 1421(1)	30	30

FINAL SURVEY
NOTE BOOK NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK NO. L.L.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
260						
		343				0
+60						
		88				0
+75						
		184				0
261						
		28				0
+25						
						17
SHEET TOTAL		583				17