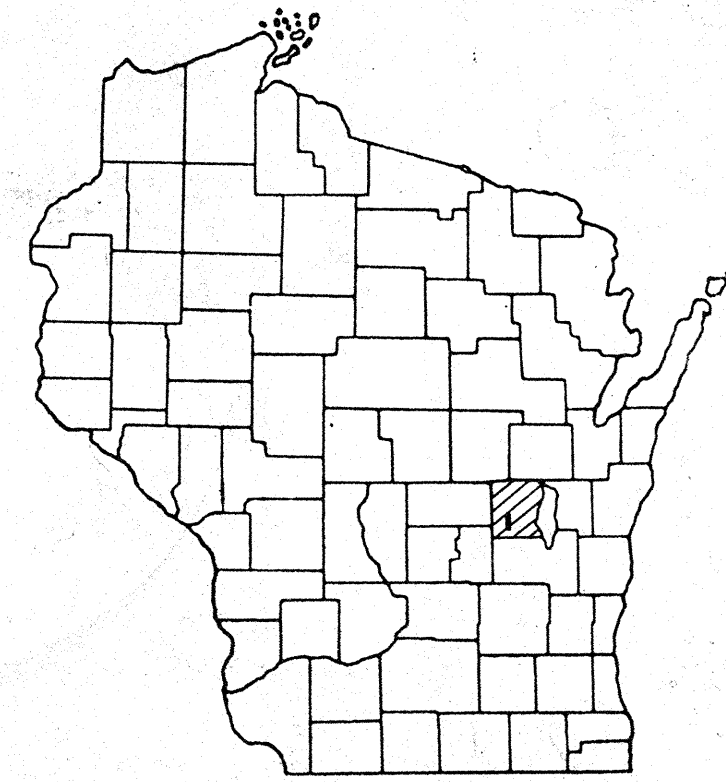


INDEX OF SHEETS

- SHEET NO. 1 TITLE
- SHEET NO. 2 TYPICAL CROSS SECTIONS
- SHEET NO. 2 ESTIMATE OF QUANTITIES
- SHEET NO. 2 MISCELLANEOUS QUANTITIES
- SHEET NO. — RIGHT OF WAY PLAT
- SHEET NO. 3-8 PLAN AND PROFILE STA. 255+00 TO STA. 406+54
- SHEET NO. 9-17 STANDARD DETAILS
- SHEET NO. 18-19 DRAINAGE STRUCTURES
- SHEET NO. 20-33 CROSS SECTIONS

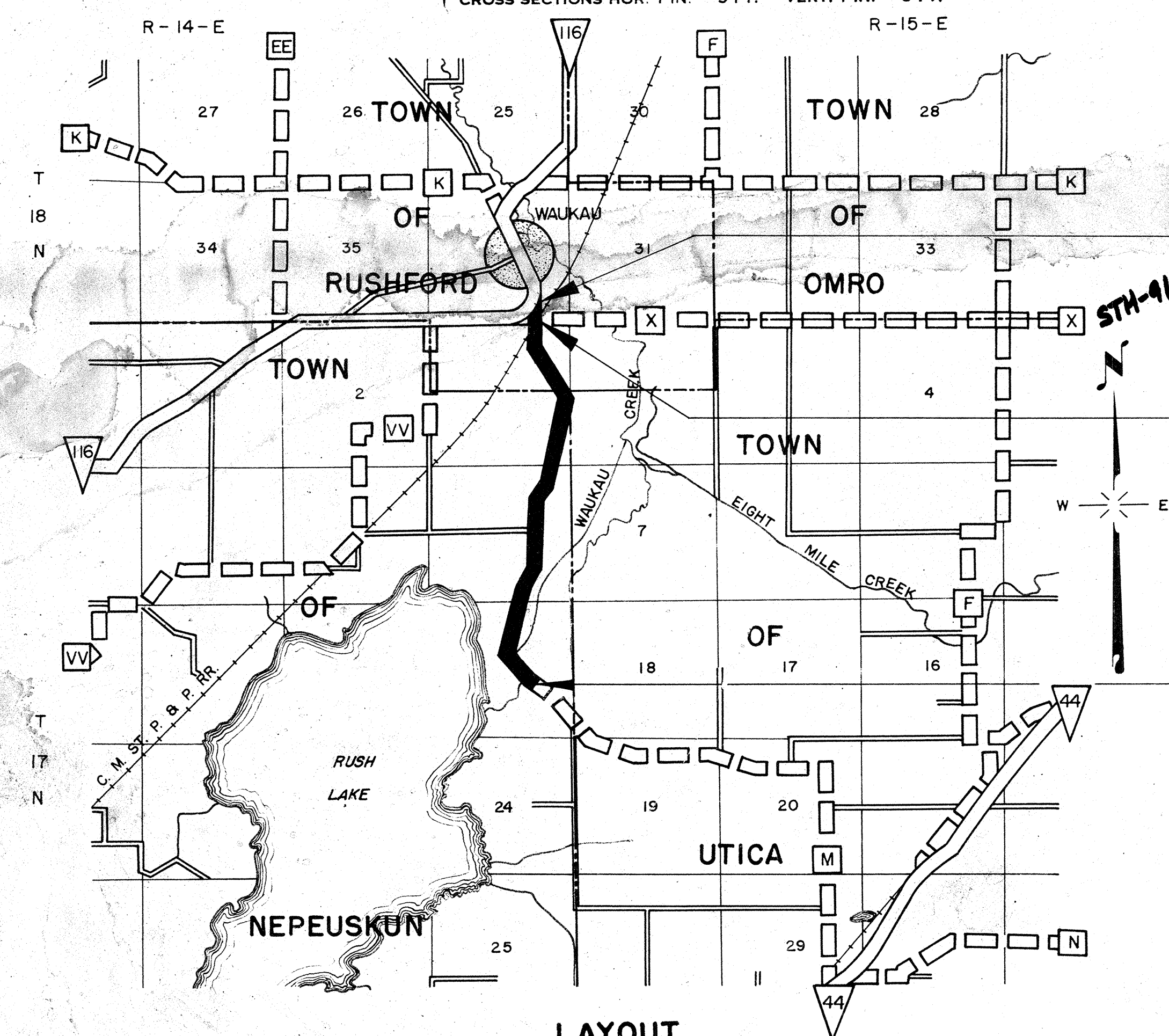


STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED
RUSH LAKE - S.T.H. 116
C.T.H. "M"
WINNEBAGO COUNTY
PROJECT S0737(1)

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		S.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
70.6	737.0		11.1	4 WIS.	1	33

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.



STA. 406 + 54 END
PROJ. S 0737(1)
1337' E. & 340' N. OF S. 1/4 COR.
SEC. 36, T 18N, R 14E.

STA. 401+04.33 - STA. 401+28.87
EXCEPTION TO NET C LENGTH

STA. 255 + 00 BEGIN
PROJ. S0737(1)
562' S. & 1366' W. OF E. 1/4 COR.
SEC. 13, T 17N, R 14E.

CONVENTIONAL SIGNS

- | | |
|--|--|
| <ul style="list-style-type: none"> 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 TRAVELED WAY OR P.E. RAILROADS BASE OR SURVEY LINE | <ul style="list-style-type: none"> CULVERTS IN PLACE CULVERTS REQUIRED DROP INLET POWER POLE TELEPHONE OR TELEGRAPH POLE RIGHT OF WAY MARKERS REFERENCE STAKE FOR HUBS ONLY MARSH HEDGE TREES GROUND ELEVATION GRADE ELEVATION |
|--|--|

LAYOUT SCALE ONE MILE

TOTAL NET LENGTH OF CENTERLINE = 2.865 MI.

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.		
SURVEYOR: R.D.N.	NOTE BOOK: 237, 238	
DISTRICT COMPUTER: L.J.L.	M. O. CHECKER: D.H.N.	CORRECT
DATE: 4-19-60		
RECOMMENDED FOR APPROVAL:		
DATE: 4/28/60		
APPROVED:		
DATE: 4/28/60		
DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS		
APPROVED:		

S 0737(1)

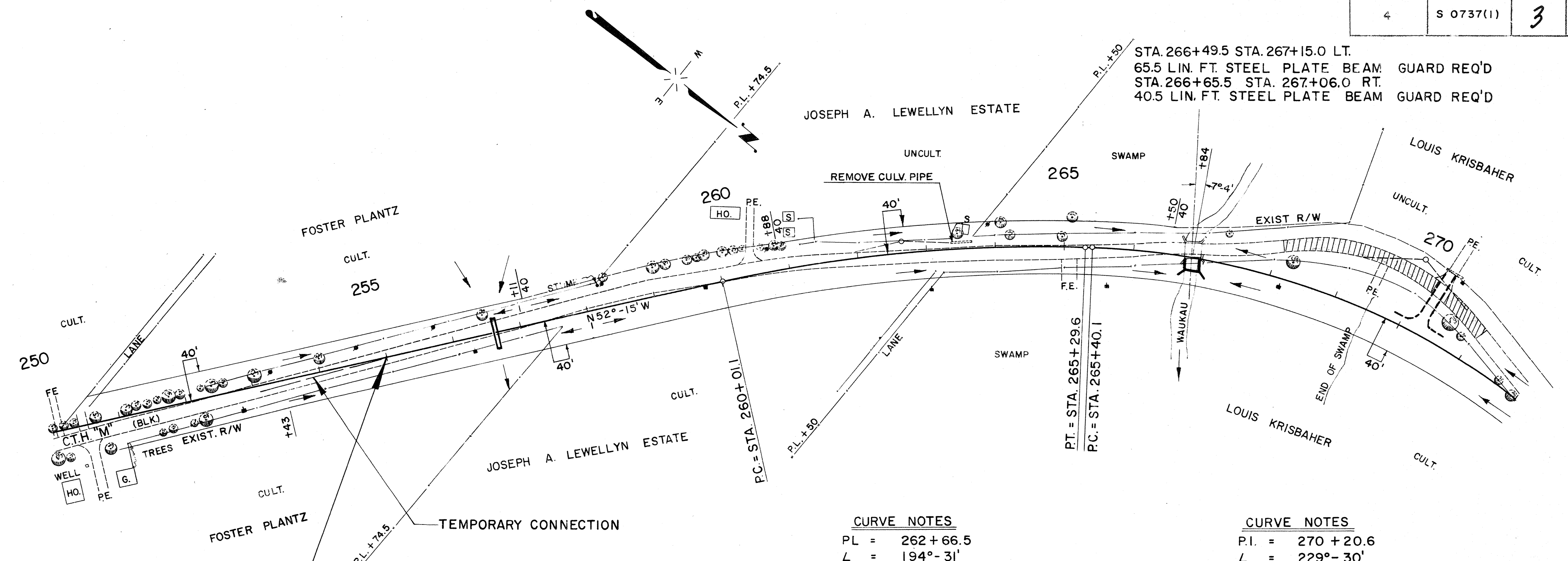
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
29	250+10	PT. MK. CONC. POR. RAIL SW. COR. 60' RT.	836.92
30	259+10	SPIKE IN 20" MAPLE 33' RT.	832.88
31	264+40	" " TWIN WILLOW 75' RT.	818.30
32	270+40	" " 12" ELM 250' LT.	827.21

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0737(1)	3	33

DATE: 10-59
 BY: R.C.P.
 SURVEYED: 10-59
 PLOTTED: 11-59
 NOTE BOOK NO. 237
 ALIGNED CHECKED: []
 RT. OF WAY CHECKED: []

NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
255+00	270+00	1500'



CURVE NOTES

PL =	262 + 66.5
L =	194° - 31'
Δ =	14° - 31'
D =	2° - 45'
T =	265.4'
L.C. =	528.5'
S.E. =	0.047 FT/FT

CURVE NOTES

P.I. =	270 + 20.6
L =	229° - 30'
Δ =	49° - 30'
D =	5° - 30'
T =	480.5'
L.C. =	900.0'
S.E. =	0.073 FT/FT

DATE: 10-59
 BY: R.H.L.
 SURVEYED: 10-59
 PLOTTED: 11-59
 NOTE BOOK NO. 238
 GRADES CHECKED: []
 STRUCK/RENOTA VS. G.H.K.D.: []

GENERAL NOTES

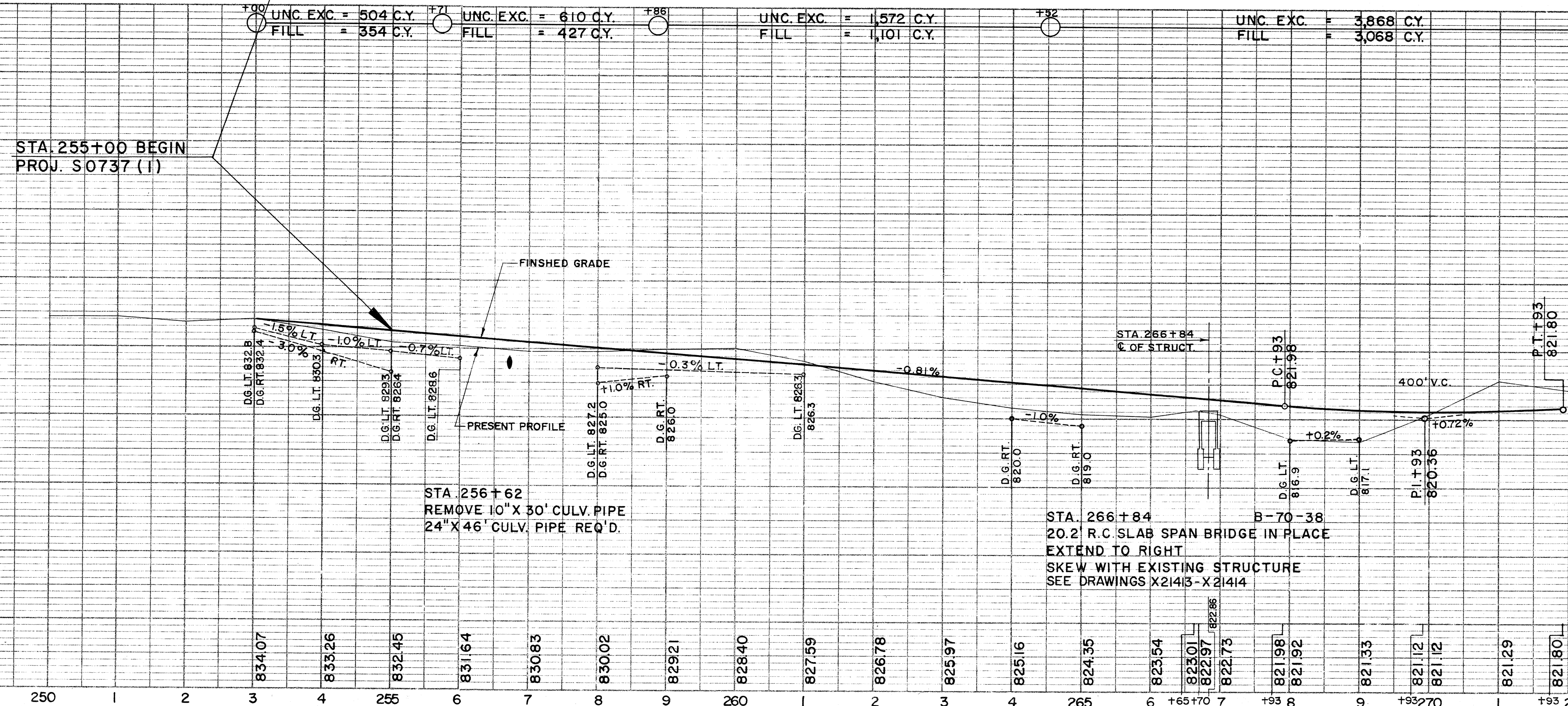
DETAILS OF CONSTRUCTION NOT SHOWN SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, STANDARD DRAWINGS, AND THE SPECIAL PROVISIONS ATTACHED TO PROPOSALS.

CUBIC YARDS OF FILL SHOWN ON PLAN SHEETS PERTAINS TO EMBANKMENT CONSTRUCTED FROM UNCLASSIFIED AND BORROW EXCAVATION AND IS COMPUTED WITH A SHRINKAGE ALLOWANCE OF 20% TO 45%.

THE EXACT LOCATION OF PRIVATE ENTRANCES AND CULVERT PIPES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

UNC. EXC.	UNCLASSIFIED EXCAVATION
▲	POWER POLE
◆	TELEPHONE POLE
PE	PRIVATE ENTRANCE
F.E.	FIELD ENTRANCE
C.P.	CULVERT PIPE
D.G.	DITCH GRADE
F	FILL
→	DRAINAGE FLOW
—	OLD ROAD OBLITERATION
PL	PROPERTY LINE
C.M.P.A.	CORROGATED METAL PIPE ARCH



BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
37	304+90	SPIKE IN 16" HICKORY 44' RT.	833.42
38	310+45	" " 28" OAK 90' RT.	833.88
39	314+45	" " 26" MAPLE 50' LT.	834.33
40	320+06	" " 12" HICKORY 56' LT.	828.80
41	327+78	" " CLUMP-10' ASH 90' LT.	822.76

STA. 318+70 SD. RD. LT.
 REMOVE 24" X 45' CULV. PIPE
 24" X 48' CULV. PIPE REQ'D.

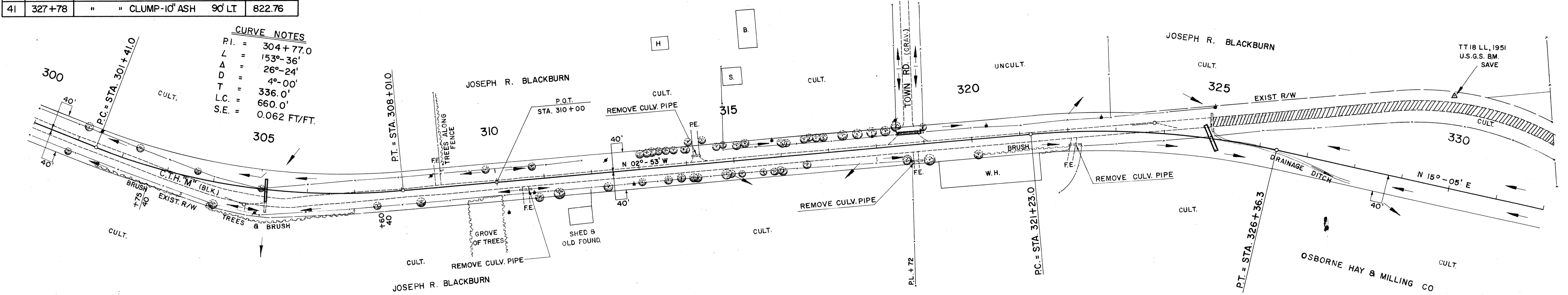
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0737 (1)	5	33

DATE	BY	REVISION
10-53	R.D.N.	PLACEMENT CHECKED
11-53	R.E.P.	RT. OF WAY CHECKED

PLAN
 SURVEYED BY R.D.N.
 NOTE BOOK NO. 237

CURVE NOTES
 P.I. = 304+77.0
 L = 153'-36"
 Δ = 26°-24'
 D = 4°-00'
 T = 336.0'
 L.C. = 660.0'
 S.E. = 0.062 FT/FT.

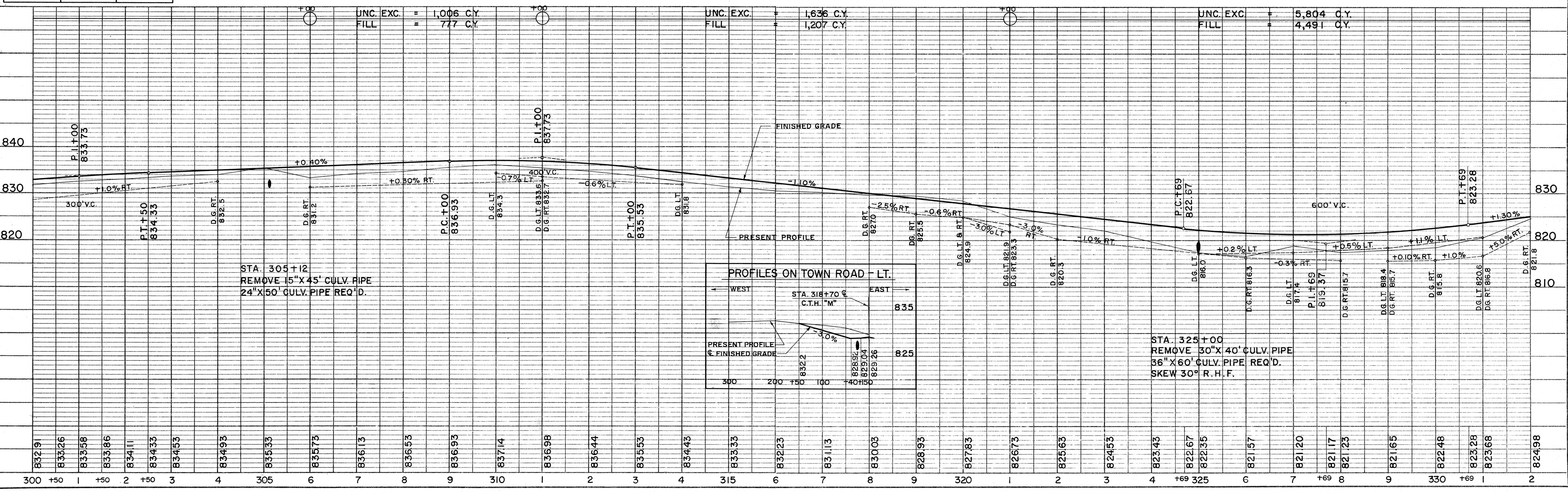
CURVE NOTES
 P.I. = 323+81.8
 L = 197'-58"
 Δ = 17°-58'
 D = 3°-30'
 T = 258.8'
 L.C. = 513.3'
 S.E. = 0.056 FT/FT.



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
300+00	330+00	3,000

DATE	BY	REVISION
10-53	R.D.N.	GRADES CHECKED
11-53	L.D.W.	NOTATIONS CHGD.

PROFILE
 SURVEYED BY R.D.N.
 NOTE BOOK NO. 238

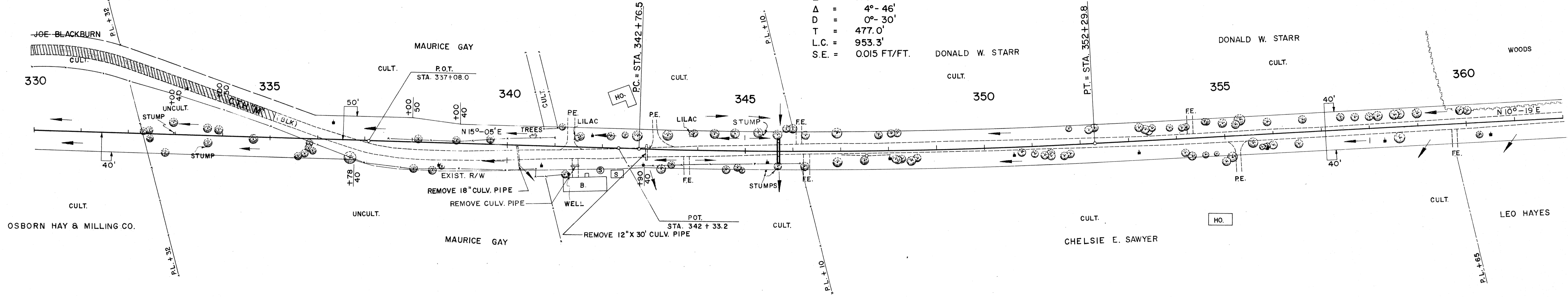


BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
42	332+95	SPIKE IN 12" HICKORY 72' RT.	824.66
43	335+90	" " 16" " 66' RT.	828.23
44	341+24	" " 12" ELM 50' RT.	832.31
45	346+35	" " 20" OAK 45' RT.	835.20
46	354+90	" " 30" POPLAR 100' RT.	845.61

CURVE NOTES

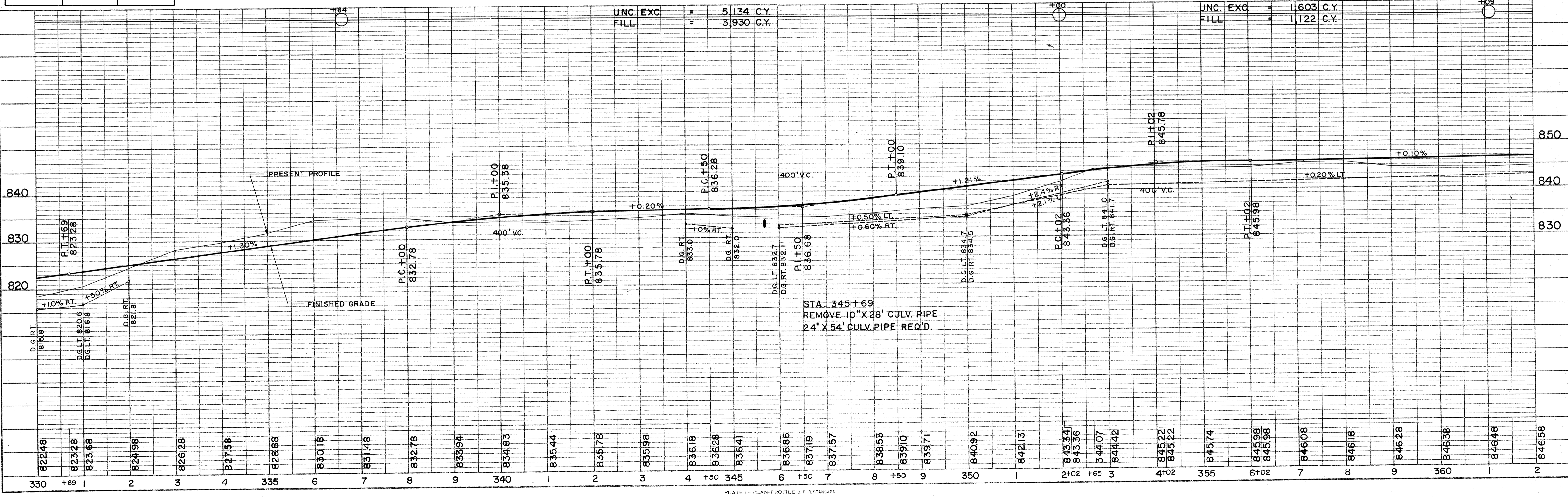
P.I. = 347+53.5
 L = 175°-14'
 Δ = 4°-46'
 D = 0°-30'
 T = 477.0'
 L.C. = 953.3'
 S.E. = 0.015 FT/FT.

DATE: 10-59
 BY: R.P.N.
 SURVEYED: PLOTTED: RT. OF WAY CHECKED:
 NOTE BOOK NO. 237



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
330+00	360+00	3,000

DATE: 10-59
 BY: R.P.N.
 SURVEYED: PLOTTED: GRADES CHECKED: STRUCTURE NOTATIONS CHD.
 NOTE BOOK NO. 238

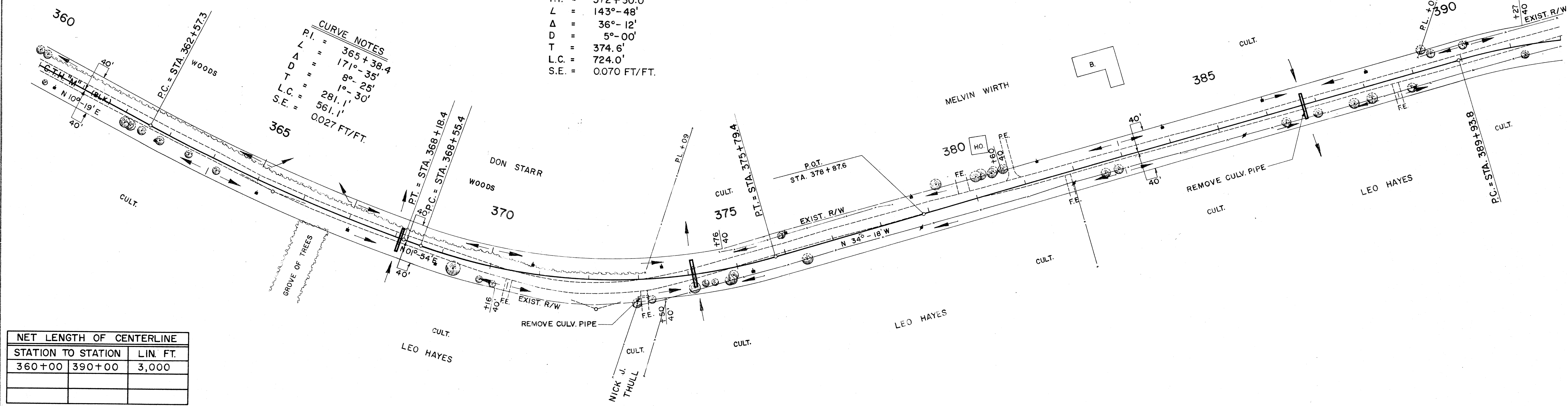
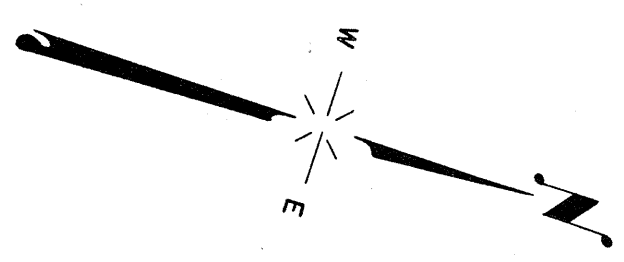


BENCH MARKS				
NO.	STATION	DESCRIPTION		ELEV.
47	362+95	SPIKE IN 12" OAK	42' LT.	845.76
48	366+50	" " 12" POPLAR	60' RT.	848.08
49	372+88	" " 32" ELM	110' RT.	845.00
50	380+22	PT. MK. SE. COR. BOT. STEP	72' LT.	851.93
51	389+35	SPIKE IN 30" ELM	42' LT.	849.66

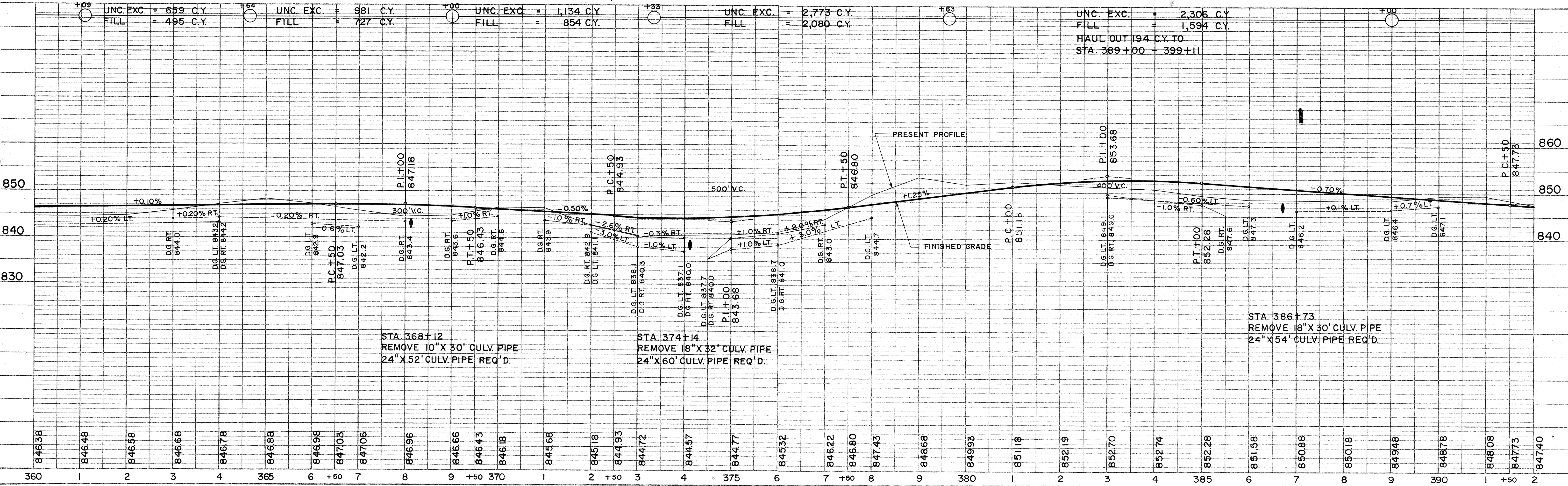
B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0737 (1)	7	33

CURVE NOTES
 P.I. = 372+30.0
 L = 143°-48'
 Δ = 36°-12'
 D = 5°-00'
 T = 374.6'
 L.C. = 724.0'
 S.E. = 0.070 FT/FT.

CURVE NOTES
 P.I. = 365+39.4
 L = 171°-35'
 Δ = 8°-25'
 D = 1°-30'
 T = 281.1'
 L.C. = 561.1'
 S.E. = 0.027 FT/FT.



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
360+00	390+00	3,000



STA. 368+12
 REMOVE 10" X 30' CULV. PIPE
 24" X 52' CULV. PIPE REQ'D.

STA. 374+14
 REMOVE 18" X 32' CULV. PIPE
 24" X 60' CULV. PIPE REQ'D.

STA. 386+73
 REMOVE 18" X 30' CULV. PIPE
 24" X 54' CULV. PIPE REQ'D.

PLAN
 SURVEYED BY R.D.N.
 DATE 10-59
 PLOTTED BY P.H.L.
 DATE 11-59
 NOTE BOOK NO. 237
 ALIGNMENT CHECKED BY R.P.N.
 RT. OF WAY CHECKED BY R.P.N.

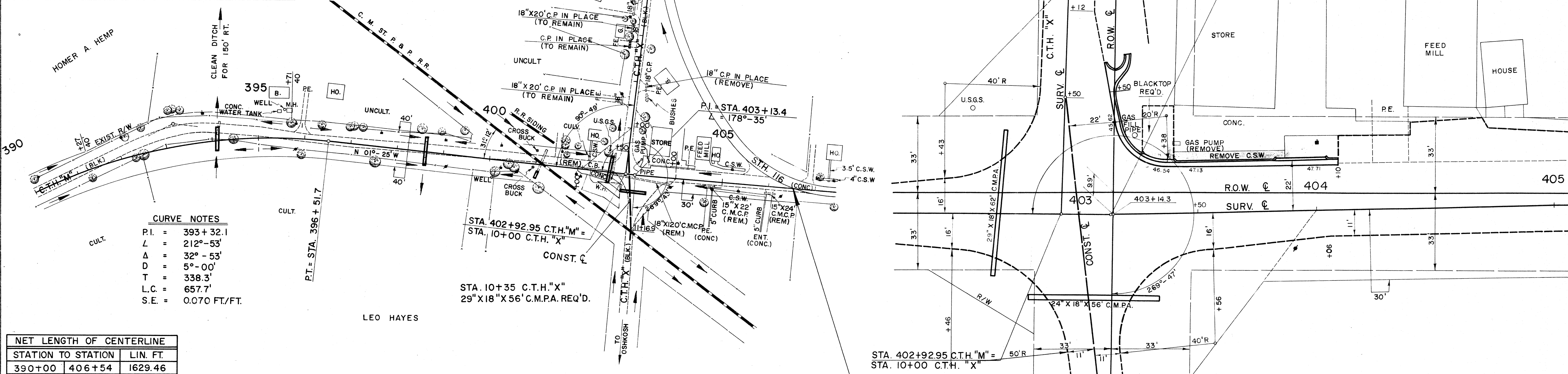
PROFILE
 SURVEYED BY R.D.N.
 DATE 10-59
 PLOTTED BY P.H.L.
 DATE 11-59
 NOTE BOOK NO. 238
 GRADES CHECKED BY L.D.W.
 STRUCTURE NOTATIONS CHKD. BY L.D.W.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
52	393+45	SPIKE IN 14" HICKORY	75' LT. 849.58
53	398+95	" " 14" ASH	63' LT. 843.85
54	403+20	PT. MK. SE. COR. CONC. SLAB	24' LT. 848.28
55	406+90	SPIKE IN 20" B. ELDER	60' LT. 850.18

C.T.H. "M" - C.T.H. "X" INTERSECTION
INTERSECTION DESIGN "E" REQ'D.
(SEE STD. DRWG. 9-1.1.3)

E.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S 0737 (1)	8	33

DATE	BY	REVISION
10-59	R.D.N.	1
11-59	R.E.P.	2



CURVE NOTES

P.I. = 393 + 32.1
 L = 212° - 53'
 Δ = 32° - 53'
 D = 5° - 00'
 T = 338.3'
 L.C. = 657.7'
 S.E. = 0.070 FT./FT.

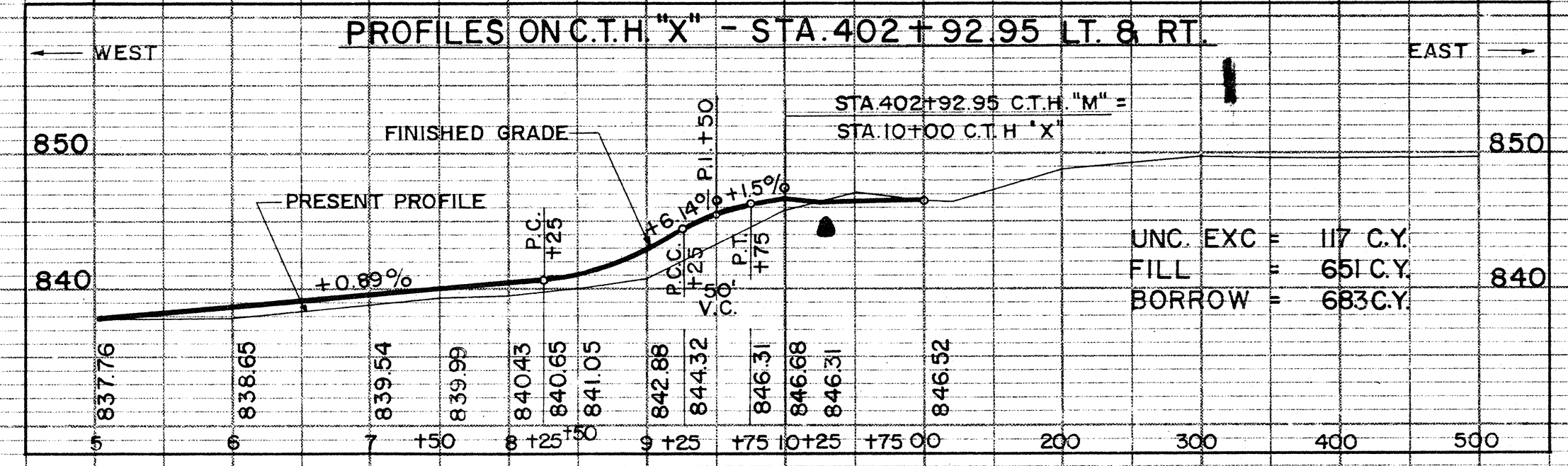
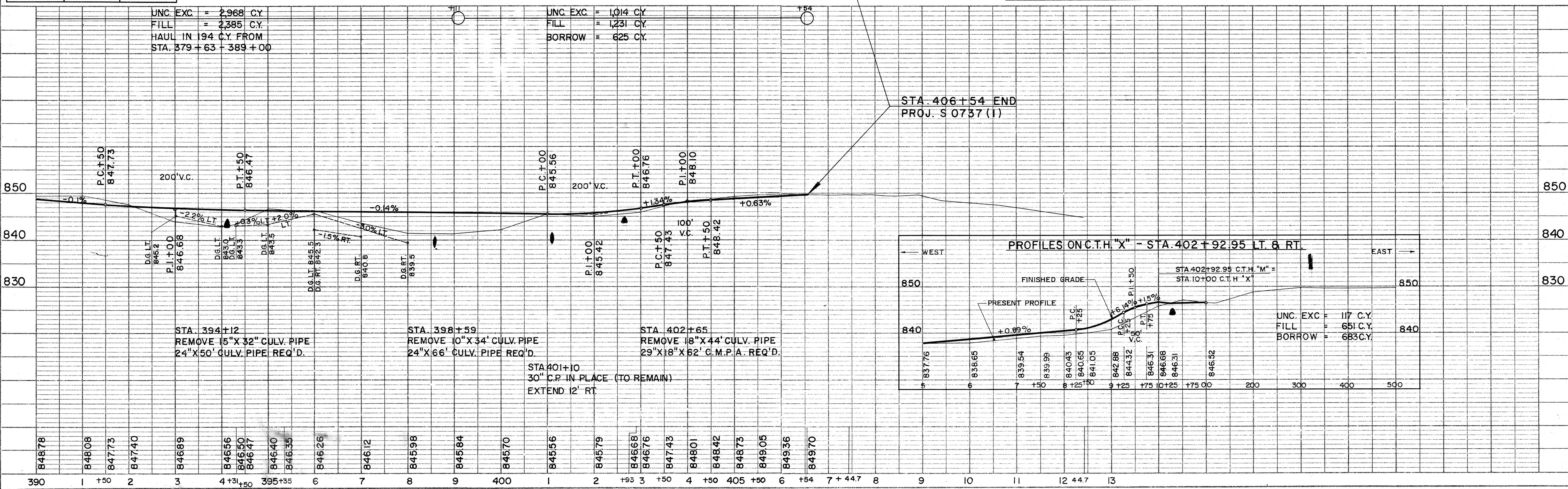
NET LENGTH OF CENTERLINE

STATION TO STATION	LIN. FT.	
390+00	406+54	1629.46

DETAIL LAYOUT STA. 402+25 STA. 405+00

UNC. EXC. = 2,968 CY
 FILL = 2,385 CY
 HAUL IN 194 CY FROM
 STA. 379+63 - 389+00

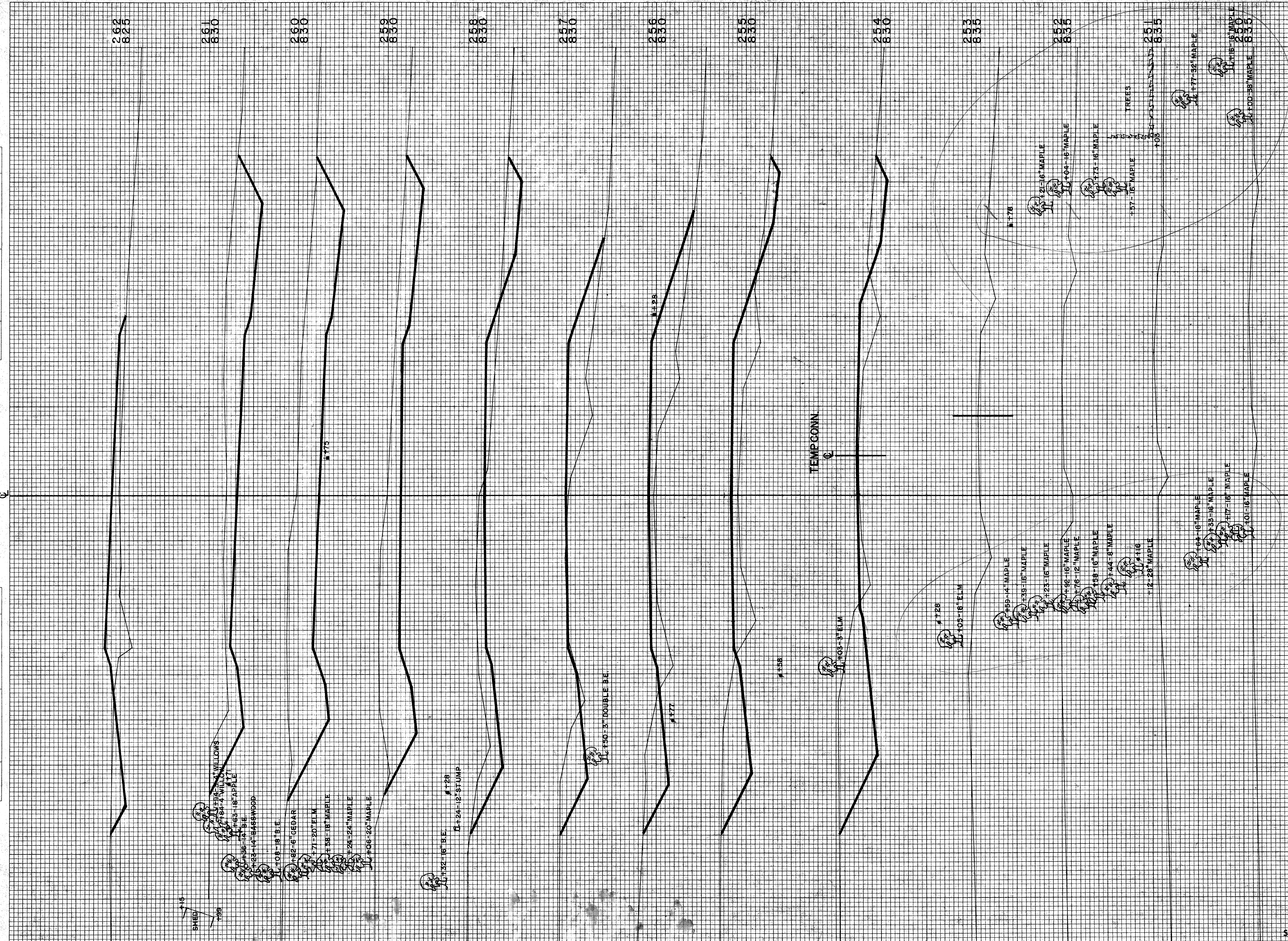
UNC. EXC. = 1,014 CY
 FILL = 1,231 CY
 BORROW = 625 CY



DATE	BY	REVISION
10-59	R.D.N.	1
11-59	L.D.W.	2

FINAL SURVEY SURVEYED PLOTTED BY DATE
 NOTE BOOK AREAS CHECKED NO. 23B

ORIGINAL SURVEY SURVEYED PLOTTED BY DATE
 NOTE BOOK AREAS CHECKED NO. 23B



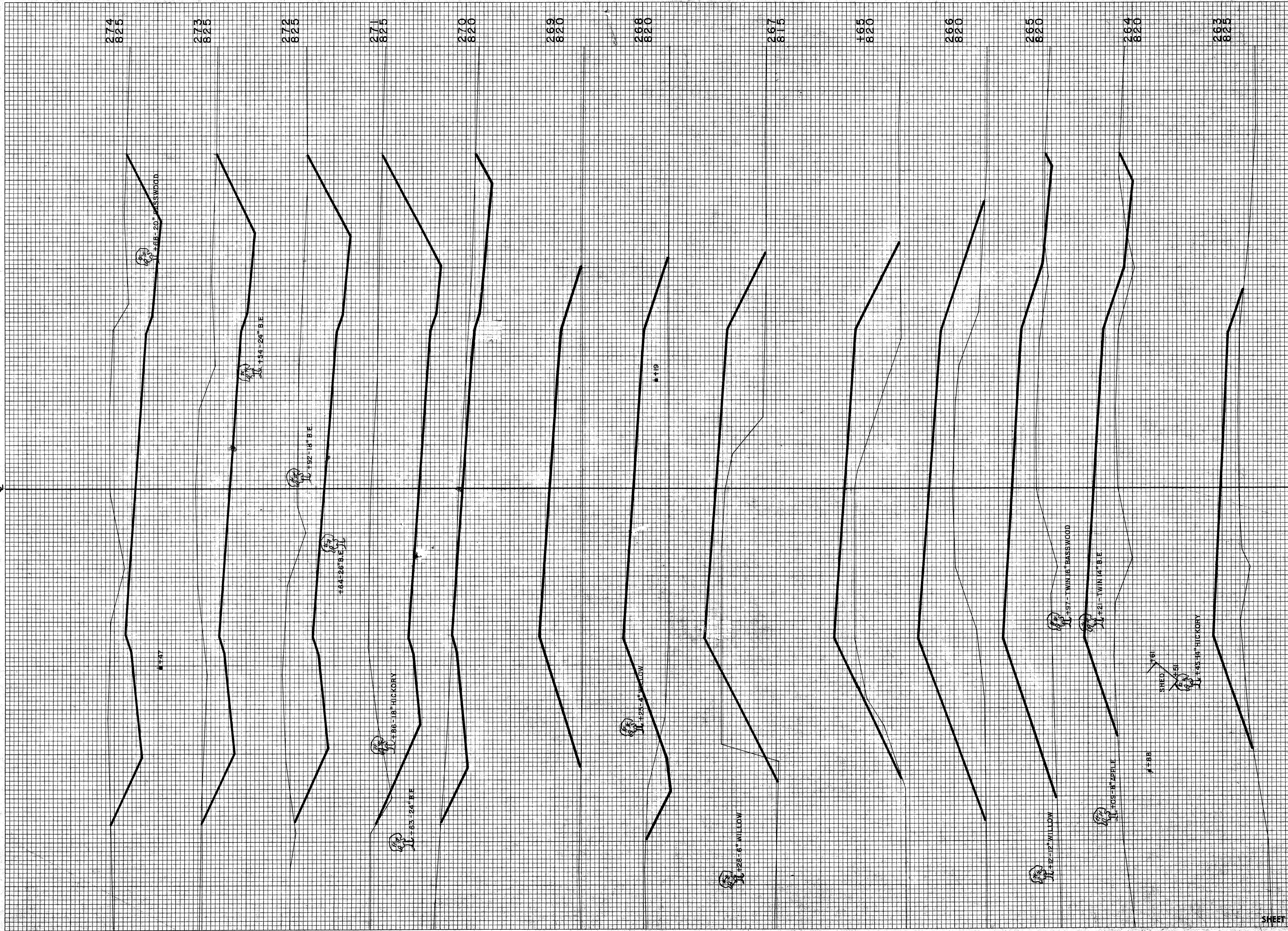
SCALE 1" = 5'

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
253		157	46
254	250		144
255	137		231
256	91		224
257	169		115
258	363		24
259	613		0
260	604		0
261	254		85
262			
SHEET TOTAL		2638	8

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0737 (I)		

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

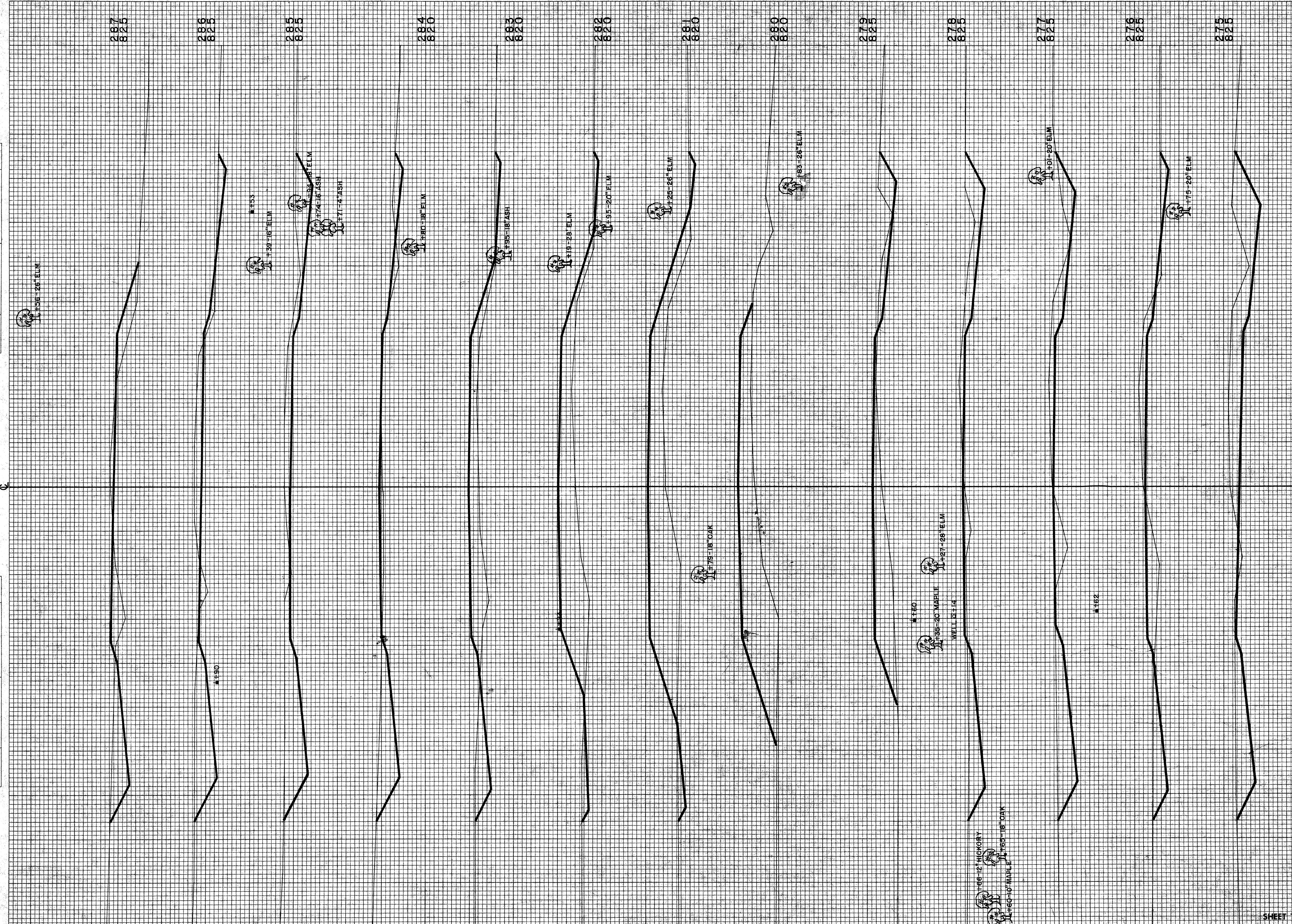
ORIGINAL SURVEY
 SURVEYED BY: R. D. N.
 PLOTTED BY: J. J. K.
 NOTE BOOK NO. 238
 AREAS CHECKED _____
 DATE 10-59
 11-59
 12-59



STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
262	22		272
263	15		435
264	22		599
265	7		748
266	0		428
165	0		41
173			
		STRUCTURE	
196	2		18
267	69		559
268	30		663
269	131		326
270	783		2
271	148		0
272	935		0
273	826		0
274			
SHEET TOTAL		3990	4081

ORIGINAL SURVEY BY DATE
 SURVEYED BY R. D. N. 10-59
 PLOTTED BY W. V. 11-78
 NOTE BOOK AREAS CHECKED A. C. J. K.
 NO. 238

FINAL SURVEY BY DATE
 SURVEYED BY W. V. 11-78
 PLOTTED BY A. C. J. K.
 NOTE BOOK AREAS CHECKED A. C. J. K.
 NO. 238



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
274		561	2
275		243	39
276		176	54
277		198	30
278		117	102
279		26	276
280		15	400
281		32	370
282		54	256
283		102	13
284		213	22
285		252	11
286		154	52
287			
SHEET TOTAL		2,143	1,735

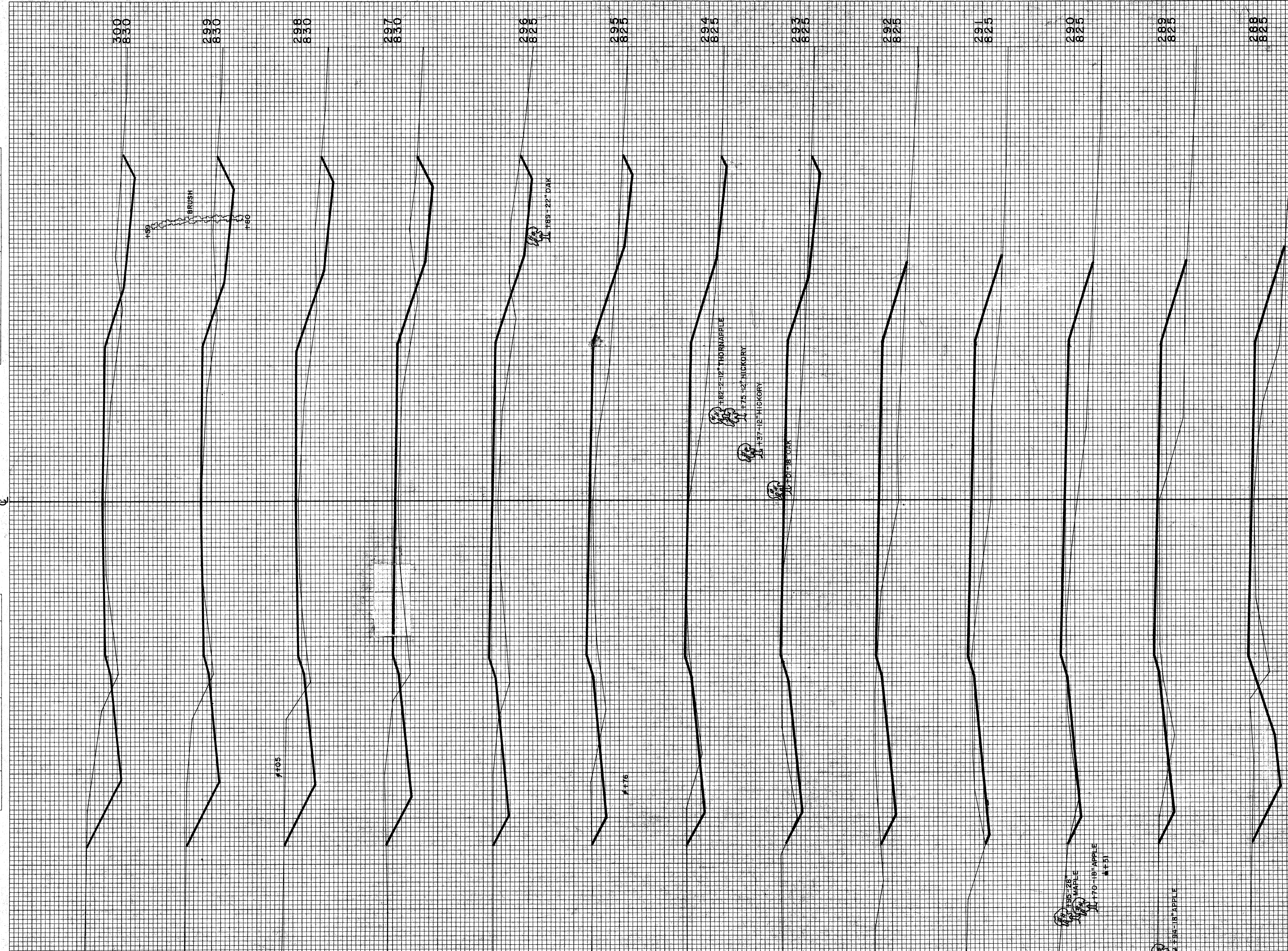
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0737(1)		

FINAL SURVEY
 SURVEYED BY: _____
 PLOTTED BY: _____
 NOTE BOOK NO. _____
 AREAS CHECKED: _____
 NO. 238

ORIGINAL SURVEY
 SURVEYED BY: _____
 PLOTTED BY: _____
 NOTE BOOK NO. _____
 AREAS CHECKED: _____
 NO. 238

BY: _____
 DATE: _____

BY: _____
 DATE: 10-58

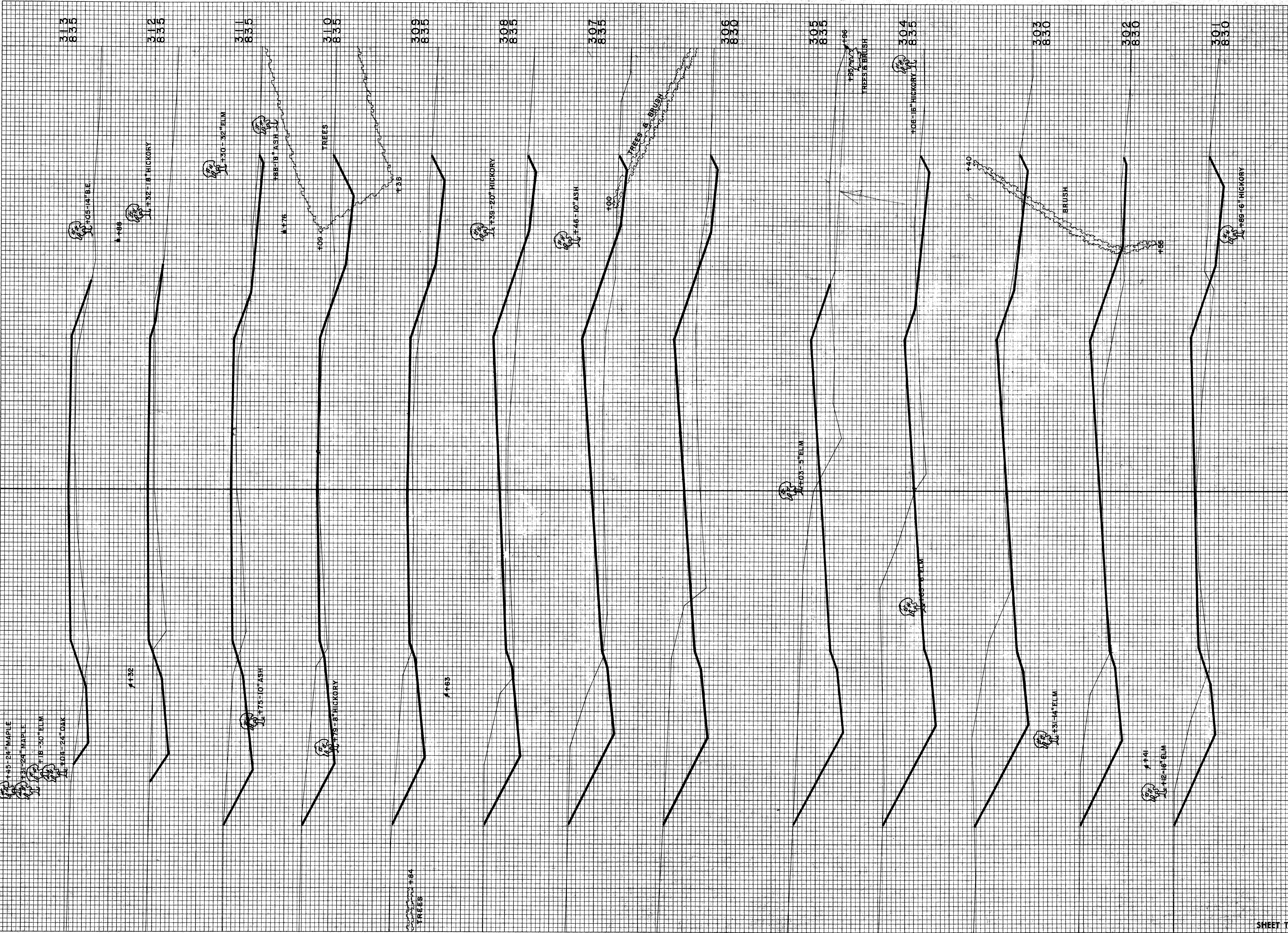


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
287			133
288	74		209
289	24		228
290	39		243
291	76		246
292	91		183
293	67		132
294	65		152
295	106		187
296	163		161
297	196		118
298	213		87
299	211		83
300			
SHEET TOTAL		1436	2162

B.P.R. DISTRICT OFFICE: WIS. 4
 PROJECT: S 0737(I)
 SHEET NUMBER: _____
 TOTAL SHEETS: _____

FINAL SURVEY
 NO. 238
 BY: [Signature]
 DATE: 10-59

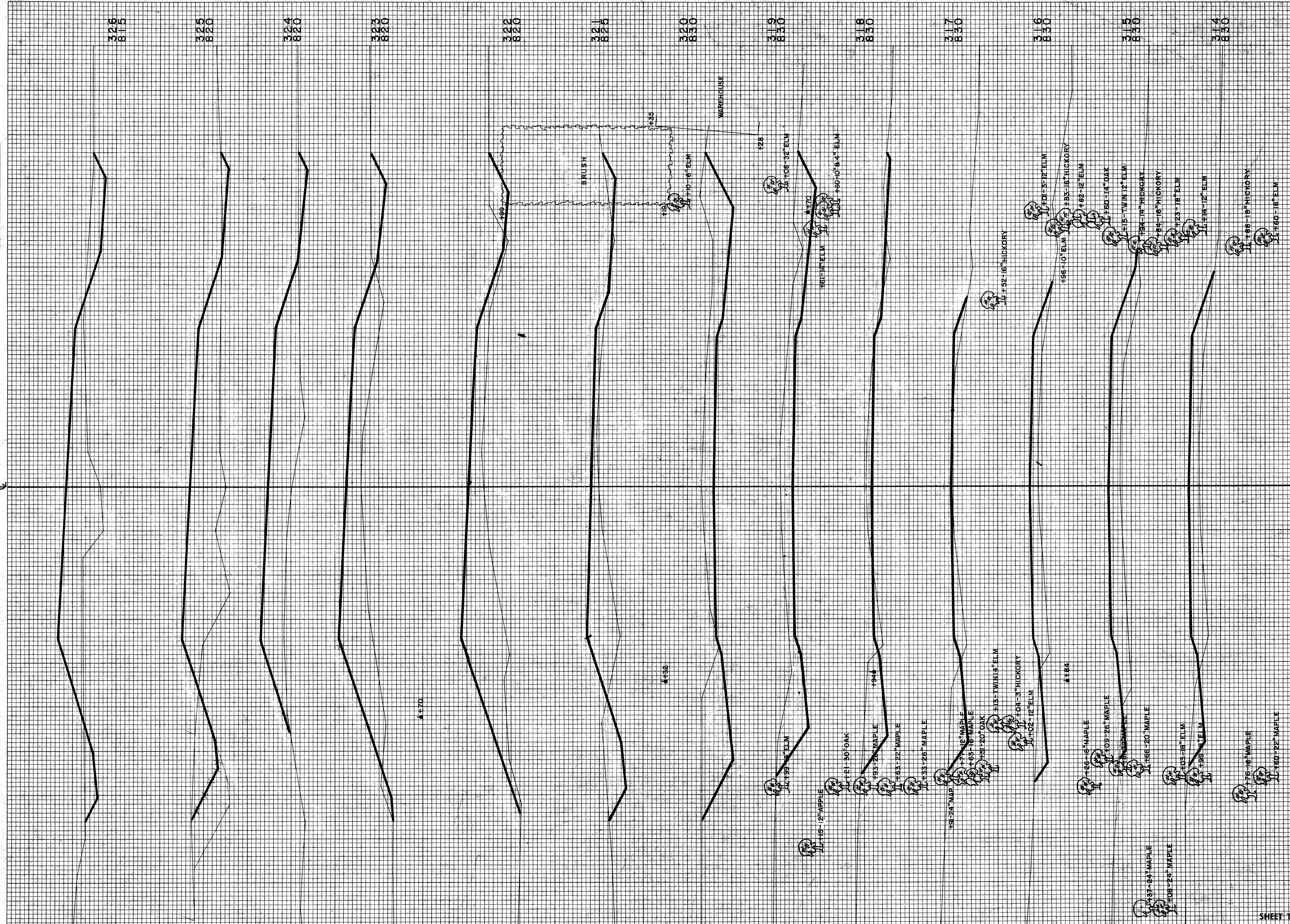
ORIGINAL SURVEY
 NO. 238
 BY: [Signature]
 DATE: 10-59



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
300	180		113
301	181		130
302	283		78
303	459		61
304	481		130
305	350		200
306	243		244
307	180		231
308	181		152
309	215		68
310	187		82
311	132		130
312	93		167
313			
SHEET TOTAL		3165	1786

FINAL SURVEY BY DATE
 SURVEYED BY B. D. N.
 NOTE BOOK A. C. L.
 TEMPLATE A. C. L.
 AREAS A. C. L.
 NO. 238 CHECKED

ORIGINAL SURVEY BY DATE
 SURVEYED BY B. D. N.
 NOTE BOOK A. C. L.
 TEMPLATE A. C. L.
 AREAS A. C. L.
 NO. 238 CHECKED

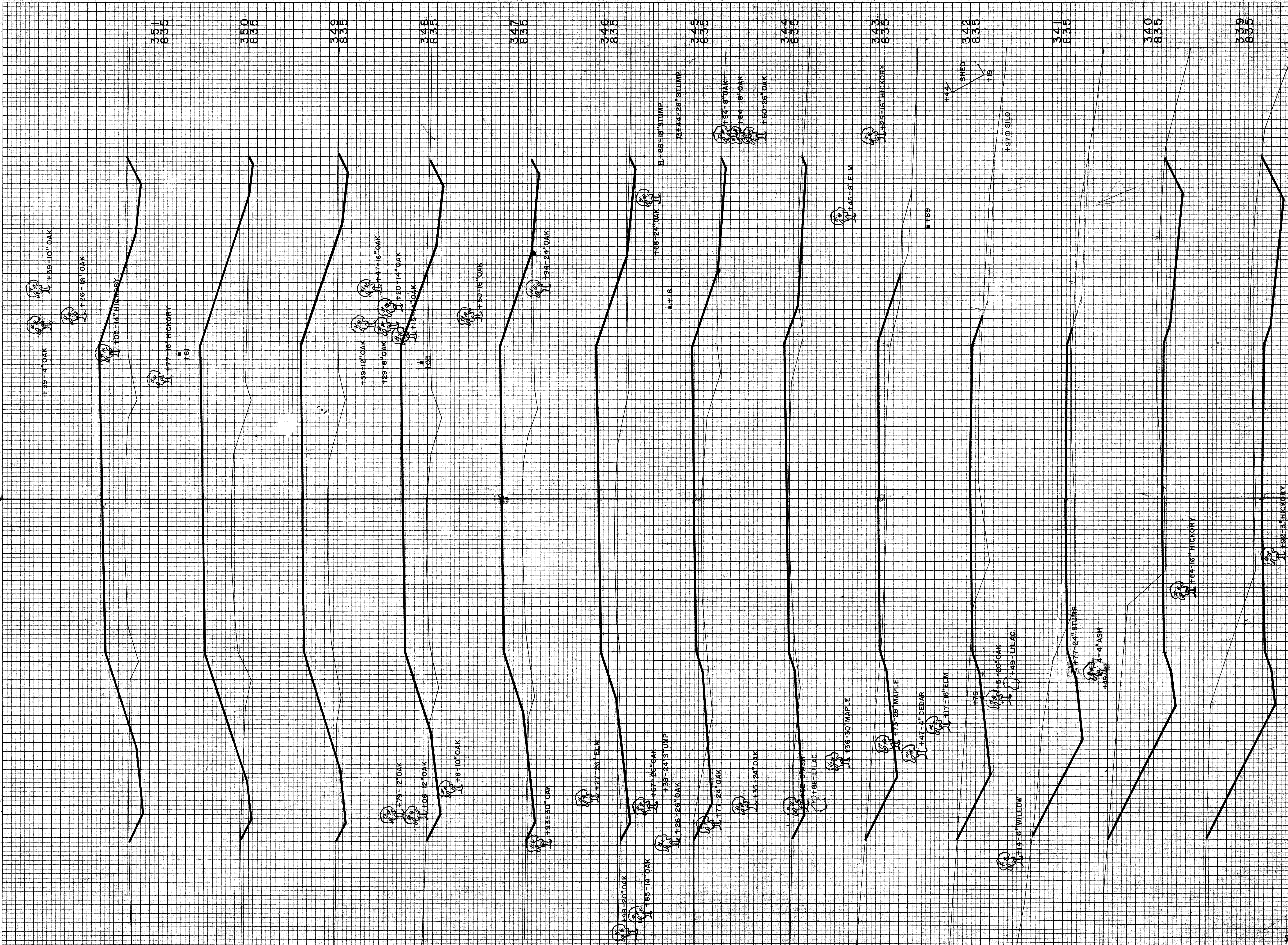


STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
313		74	96
314		54	226
315		44	204
316			
317		78	111
318		144	43
319		311	13
320		437	0
321		269	117
322		67	359
323		50	476
324		39	457
325		63	491
326		54	463
SHEET TOTAL		1684	

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0737 (1)		

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

ORIGINAL SURVEY SURVEYED PLOTTED DATE
 NOTE BOOK PLOTTED DATE
 NO. 238 AREAS CHECKED

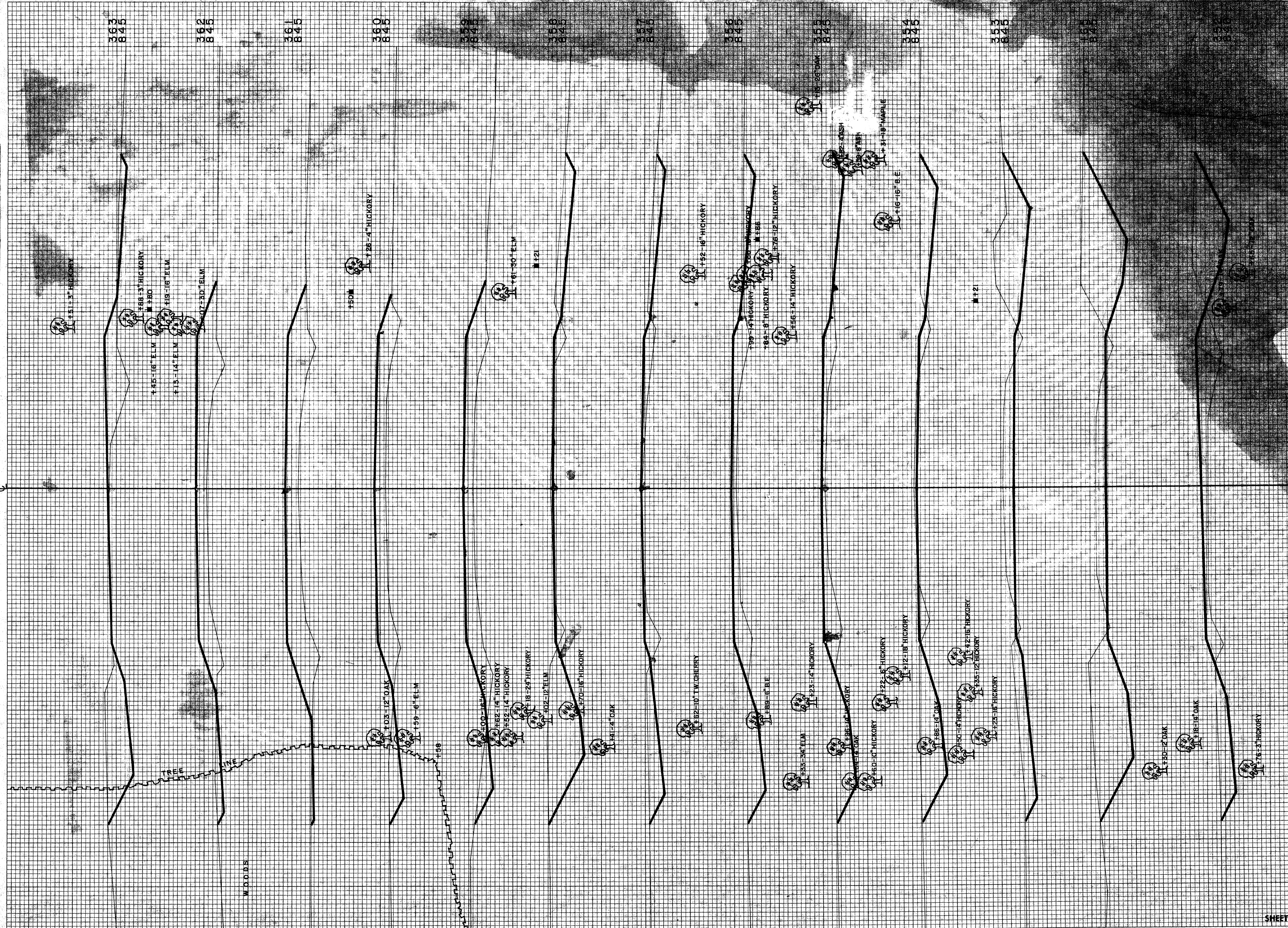


STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
338	1043		0
339	639		6
340	396		50
341	182		106
342	141		120
343	113		106
344	76		159
345	48		304
346	43		430
347	67		485
348	70		546
349	41		681
350	54		615
351			
SHEET TOTAL	2913		3608

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S0737(1)		

FINAL SURVEY
 SURVEYED BY
 NOTE BOOK NO. 238
 TEMPLATE AREAS CHECKED
 DATE 10-29-58
 BY D.N.F.

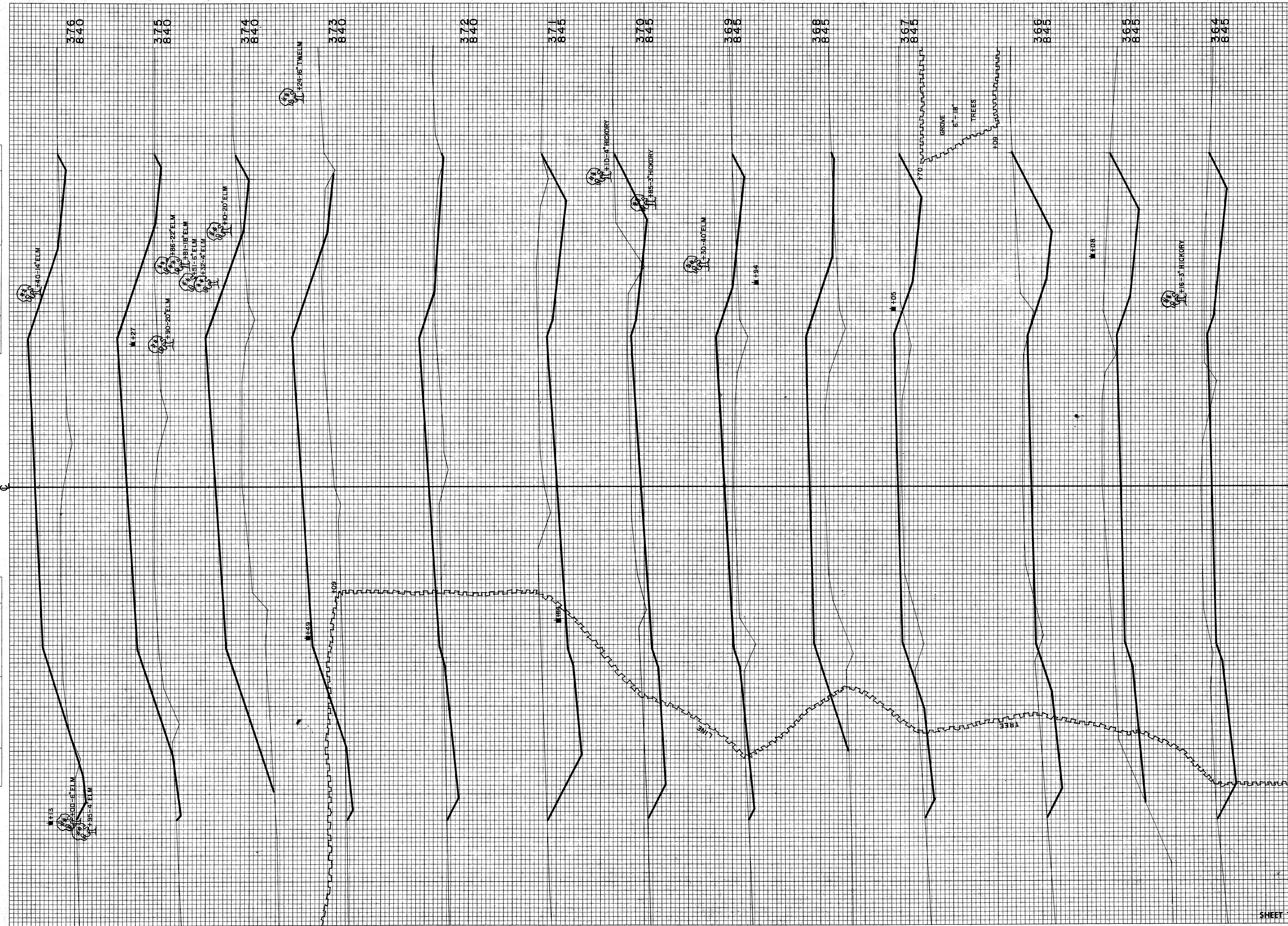
ORIGINAL SURVEY
 SURVEYED BY
 NOTE BOOK NO. 238
 TEMPLATE AREAS CHECKED
 DATE 10-29-58
 BY D.N.F.



SHEET NUMBER	TOTAL SHEETS
161	322
200	80
167	
330	
354	95
355	135
356	104
358	44
359	128
360	226
361	27
362	29
363	176
SHEET TOTAL 1872 1884	

FINAL SURVEY SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. 238
 AREAS CHECKED

ORIGINAL SURVEY SURVEYED BY DATE
 PLOTTED BY
 NOTE BOOK NO. 238
 AREAS CHECKED

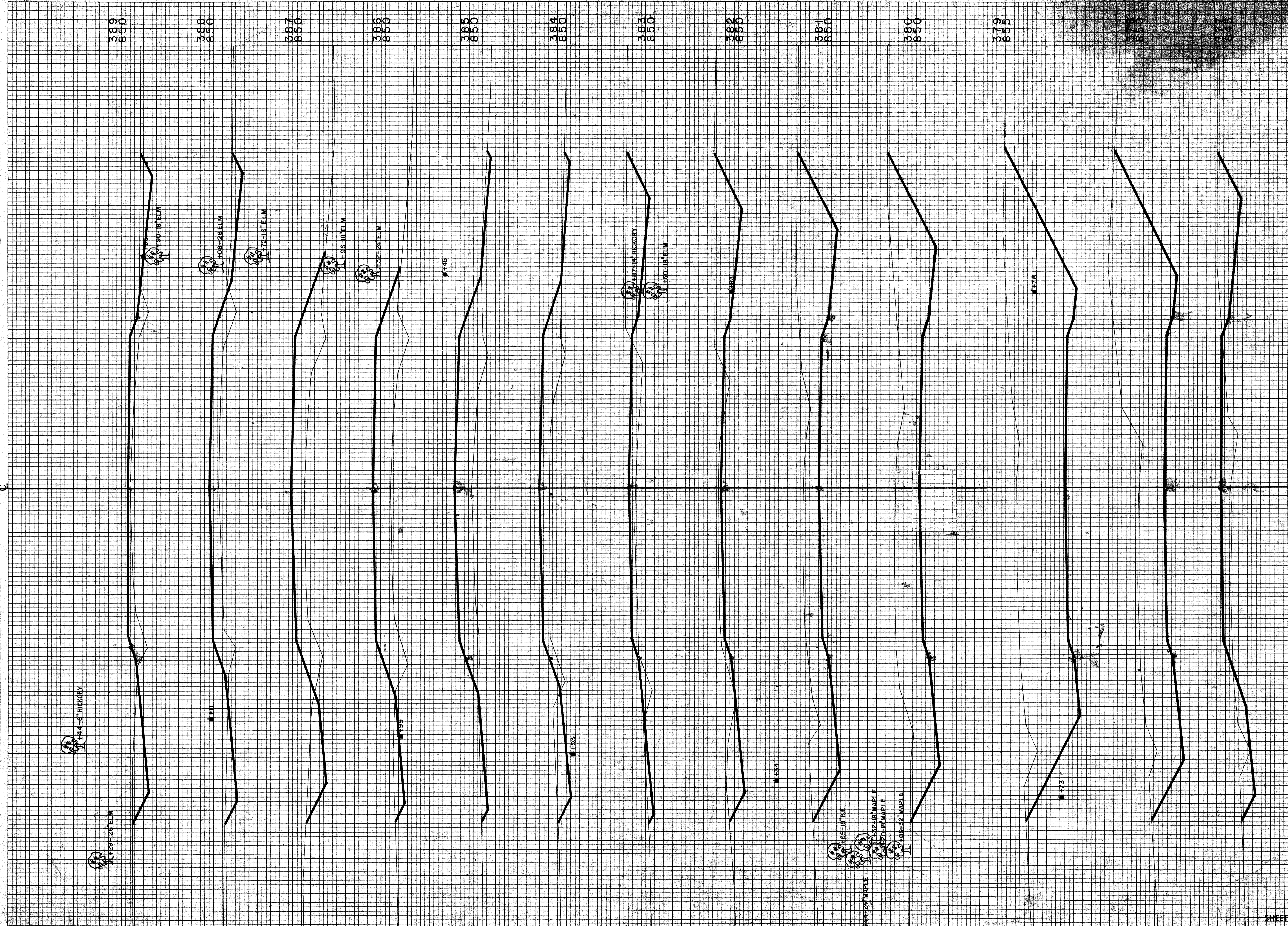


B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S0737 (1)		

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
363		263	52
364		450	4
365		454	6
366		26	76
367		78	296
368		26	348
369		224	122
370		513	0
371		344	104
372		44	406
373		28	665
374		24	665
375		26	570
376			
SHEET TOTAL		2735	3314

FINAL SURVEY
 DATE: 0-30-58
 BY: D. N. W. C. L. R. J. H.
 DRAWING: 11-58
 TEMPLATE: 11-58
 NOTE BOOK: 11-58
 NO. 238
 FIELD CHECKED: [initials]

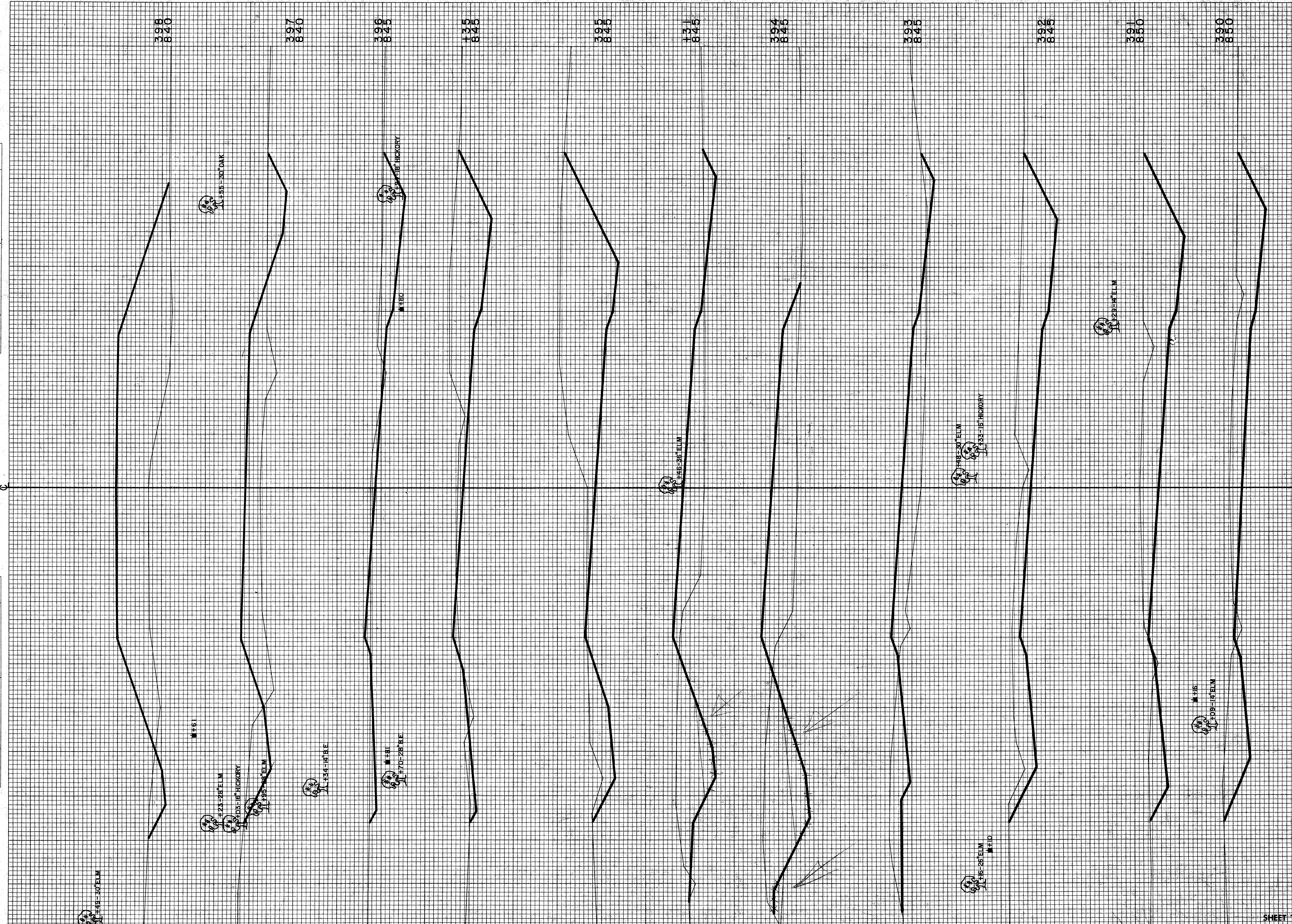
ORIGINAL SURVEY
 DATE: 0-30-58
 BY: D. N. W. C. L. R. J. H.
 DRAWING: 11-58
 TEMPLATE: 11-58
 NOTE BOOK: 11-58
 NO. 238
 FIELD CHECKED: [initials]



STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
376	109		335
377	633		67
378	257		0
379	1124		0
380	739		0
381	480		4
382	226		63
383	120		161
384	59		274
385	39		359
386	56		337
387	74		246
388	94		150
389			
SHEET TOTAL		5010	1996

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

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

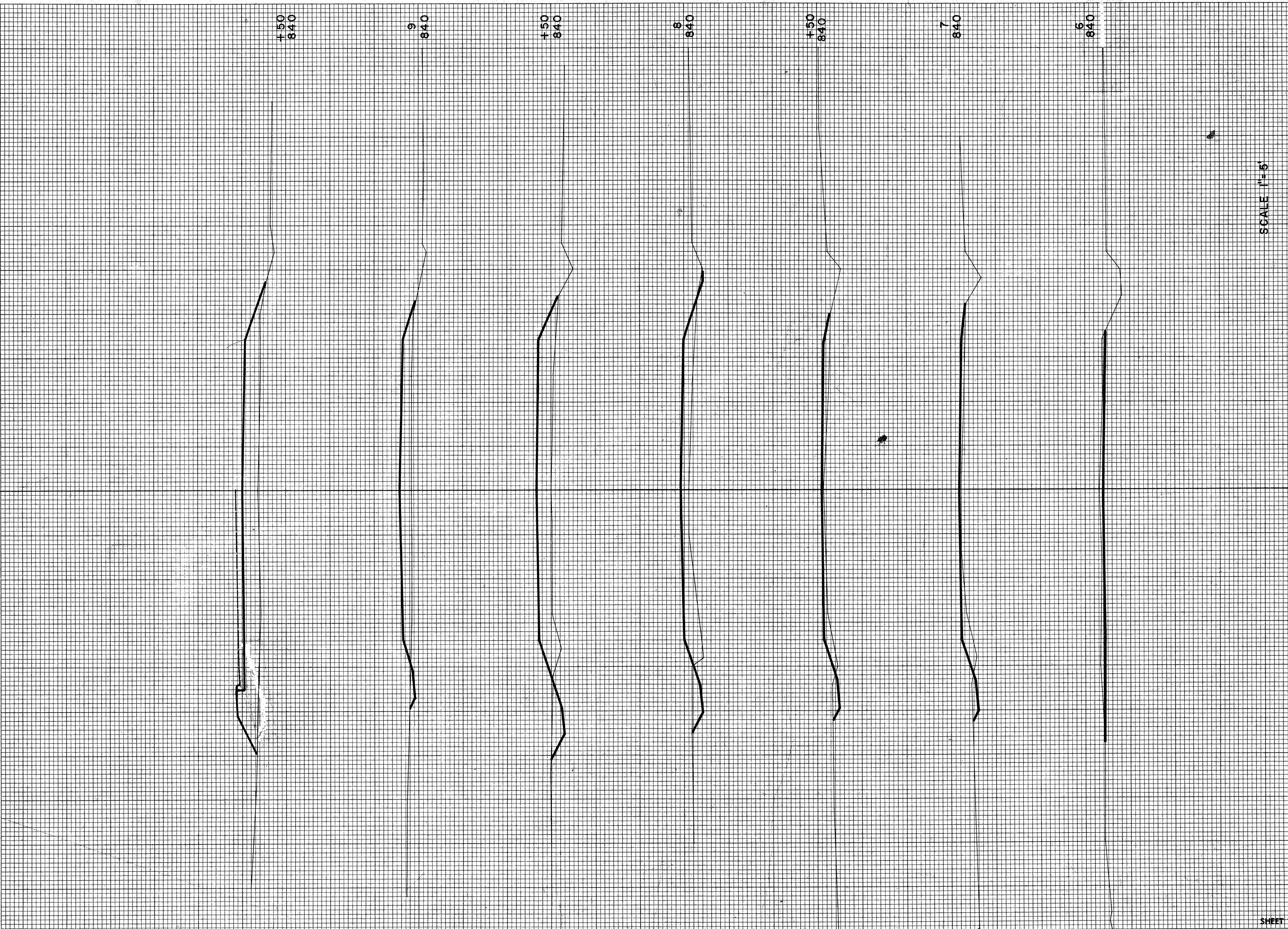


STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
389	281		57
390	504		6
391	554		2
392	333		135
393	215		335
394	85		102
+31	337		89
395	191		4
+35	185		15
396	172		165
397	93		580
398			
SHEET TOTAL		2950	1486

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S 0737 (1)		

FINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
1. _____	2. _____
2. _____	3. _____
3. _____	4. _____
4. _____	5. _____

ORIGINAL SURVEY	DATE
NO. _____	BY _____
REVISIONS	DATE
1. _____	2. _____
2. _____	3. _____
3. _____	4. _____
4. _____	5. _____



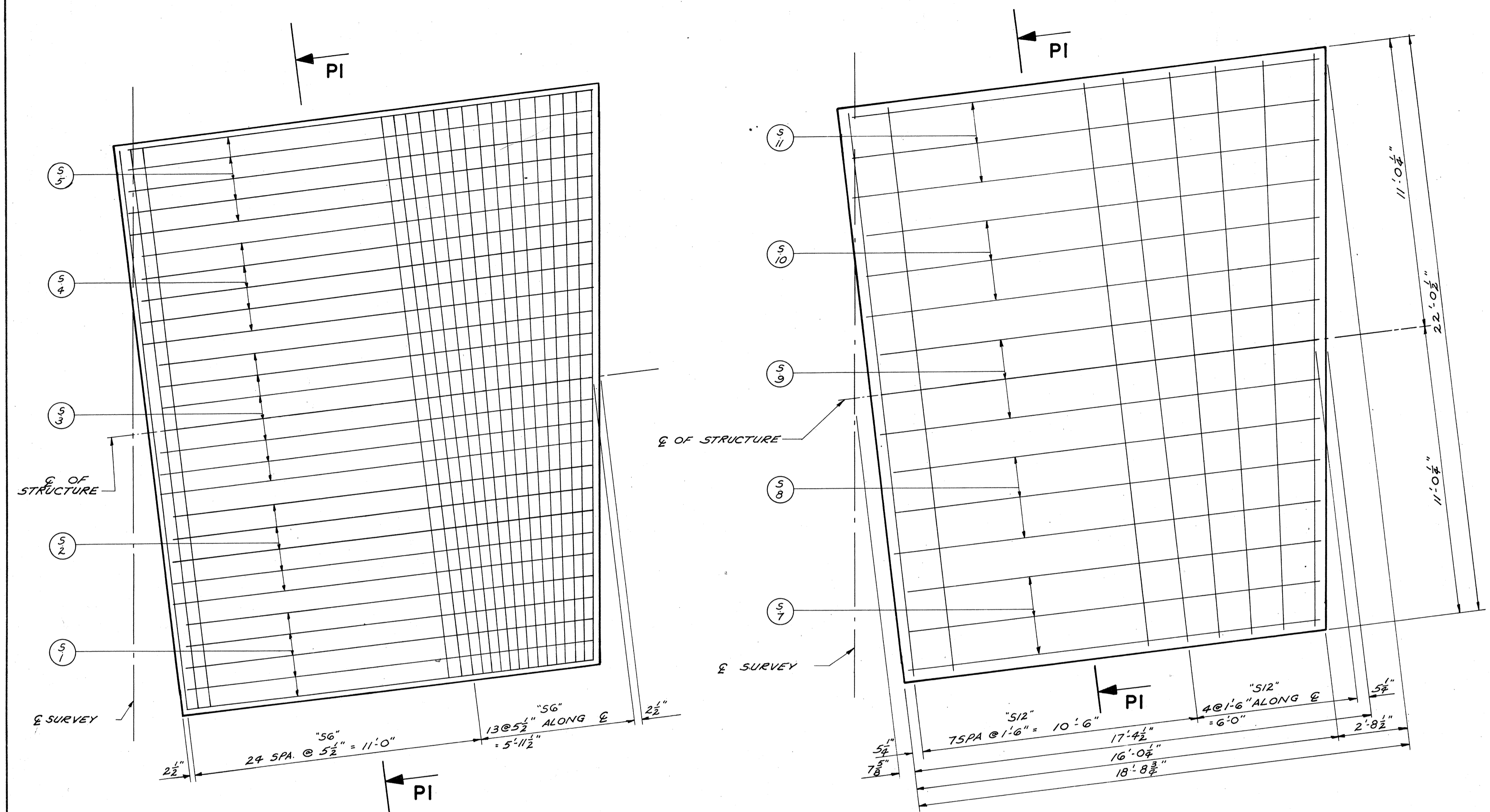
SCALE 1"=5'

STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
5			0
6	33		24
7	44		28
8	9		54
150	7		106
8	11		172
150	11		174
9	2		93
150	0		
183			
SHEET TOTAL		117	651

BENCH MARK

NO	STATION	DESCRIPTION	ELEV.
3/1	266+40	SPIKE IN TWIN WILLOW TREE	818.30

COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT	B. P. R. DIVISION	PROJECT	SHEET NO.	TOTAL SHEETS
70.6	737.0	11.1	4			



FLOOR PLAN
SHOWING REINFORCEMENT IN BOTTOM

FLOOR PLAN
SHOWING REINFORCEMENT IN TOP

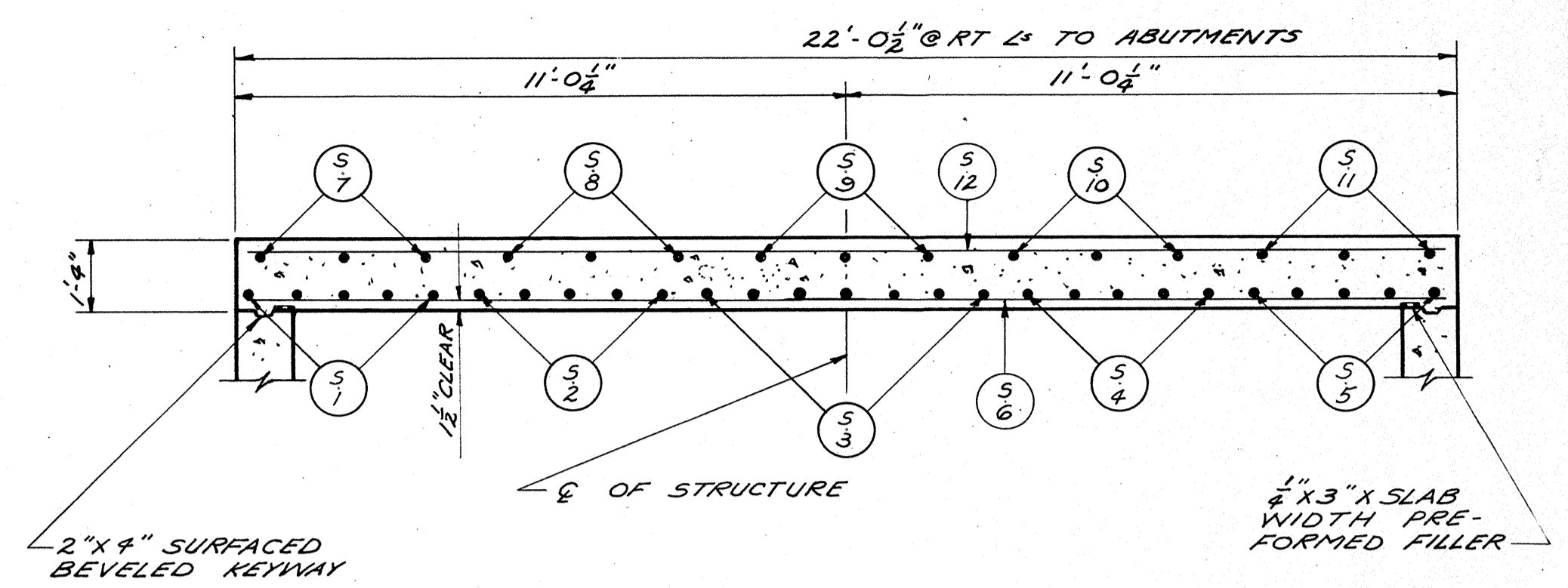
BILL OF BARS 3,040 #

POUR MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
S1	5	5	15'-6	10	BOTTOM FLOOR TRANSVERSE	
S2	5	5	16'-3	10	"	
S3	7	5	16'-9	10	"	
S4	5	5	17'-6	10	"	
S5	5	5	18'-0	10	"	
S6	38	8	21'-9	5 1/2	"	LONGITUDINAL
S7	3	4	15'-6	1'-6	TOP TRANSVERSE	
S8	3	4	16'-3	1'-6	"	
S9	3	4	16'-9	1'-6	"	
S10	3	4	17'-3	1'-6	"	
S11	3	4	18'-0	1'-6	"	
S12	12	4	21'-9	1'-6	"	LONG.
S13	1	5	21'-9	SHOWN	AT THE EXPANSION HOOK BOLTS	

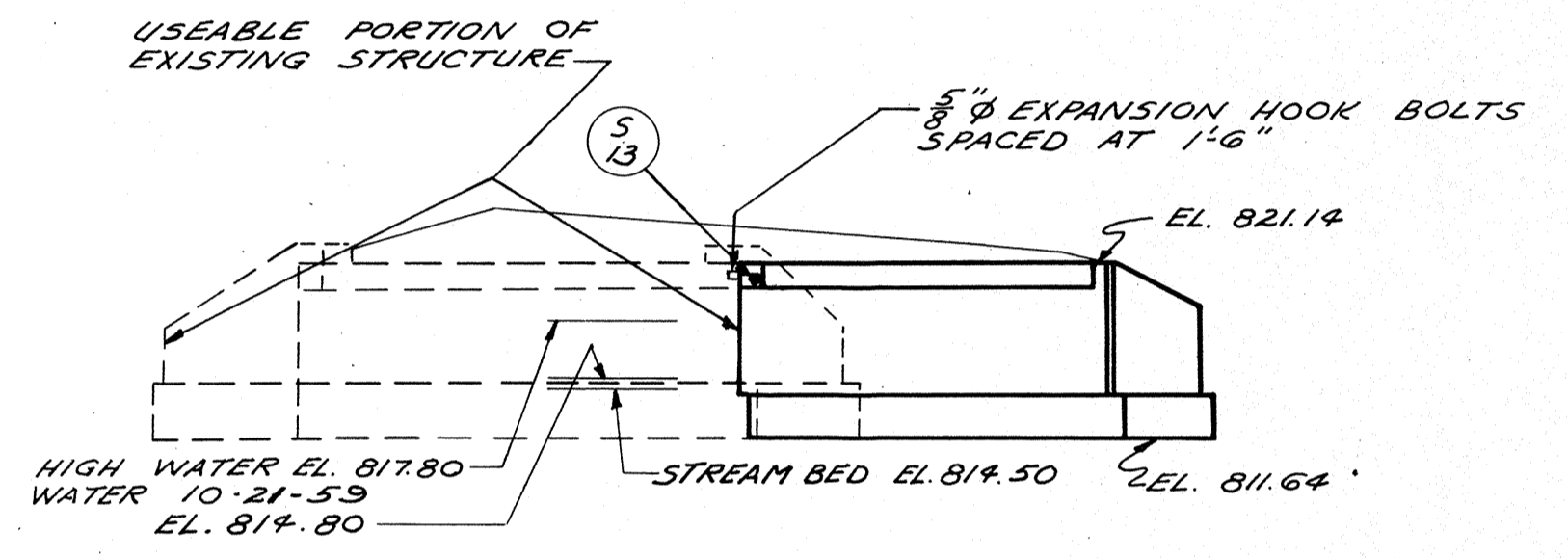
NOTE: ALTERNATE TOP TRANSVERSE BARS IN SLAB SHALL BE SUPPORTED BY INDIVIDUAL BAR CHAIRS AT APPROXIMATELY 3'-0" CENTERS. BOTTOM LONGITUDINAL BARS SHALL BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

GENERAL NOTES
DRAWINGS SHALL NOT BE SCALED.
ALL CONCRETE MASONRY SHALL BE GRADE AA. BEVELLED EDGES OF CONCRETE 1" UNLESS OTHERWISE SPECIFIED.
THE USE OF STRUCTURAL GRADE BAR STEEL REINFORCEMENT IS PROHIBITED.
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.
THE PILING FOR THE ABUTMENTS SHALL BE TREATED TIMBER PILING ESTIMATED 20'-0" LONG AND DRIVEN TO A BEARING VALUE OF 20 TONS PER PILE.
ALL EXCAVATED VOLUME NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH GRANULAR BACKFILL AT THE BACKFACE TO THE GROUND LINE WHICH EXISTED BEFORE EXCAVATION BEGAN. PAYMENT WILL BE MADE ONLY FOR MATERIAL ACTUALLY PLACED WITHIN THE LIMITS SPECIFIED IN "EXCAVATION FOR STRUCTURES". ABUTMENT BACKFILL NOT TO BE PLACED UNTIL SUPERSTRUCTURE IS COMPLETED.
PRESERVE ALL EXISTING BAR STEEL AND INCORPORATE IT IN THE NEW STRUCTURE.

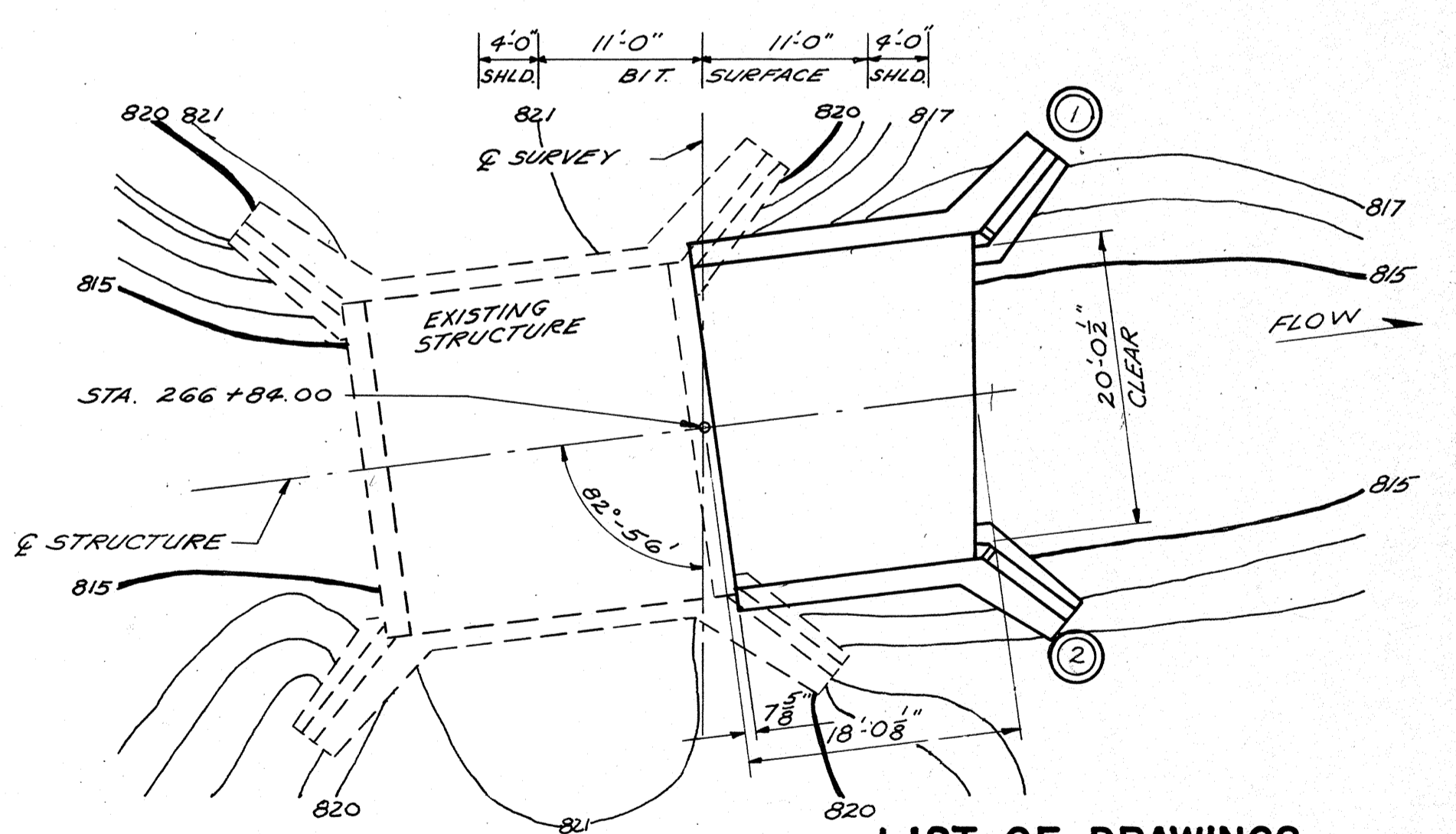
** DRIVE @ LOCATION OF N. ABUTMENT



SECTION PI



ELEVATION



LAYOUT

LIST OF DRAWINGS

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	SUPERSTRUCTURE & LAYOUT
	CO. WINNEBAGO SHEW NEPELUSKUN STA. 266+84.00
	SECTION 1/3 TOWN 17 N RANGE 14 E
	DESIGN SPEC. A.A.S. 40.57 LOADING H-15 CONST. 1957
	DATE 3-14-60 DESIGN B.A. DRAWN C.P. CKD. ML

ESTIMATED QUANTITIES

BID - ITEMS	UNIT	SUPER	N. ABUT.	S. ABUT.	TOTAL
EXCAVATION FOR STRUCTURES	C.Y.		35	25	60
GRANULAR BACKFILL	C.Y.		10	10	20
CONCRETE MASONRY	C.Y.	18.9	14.3	12.8	46.0
BAR STEEL REINFORCEMENT	LB.	3,040	370	340	3,750
UNTREATED TIMBER TEST PILING (18" @ 30' @)	L.S.				1
TREATED TIMBER PILING DEL.	L.F.		220	200	420
TREATED TIMBER PILING DR.	L.F.		220	200	420
PILE SHOES	EA.		11	10	21
NON BID - ITEMS					
FILLER	SIZE				1" @ 8 1/2"
MEMBRANE WATERPROOFING	S.F.		10.5	10.5	21
5/8" EXPANSION HOOK BOLTS	REQD.	15			15

BILL OF BARS
(NORTH ABUTMENT) **370 #**

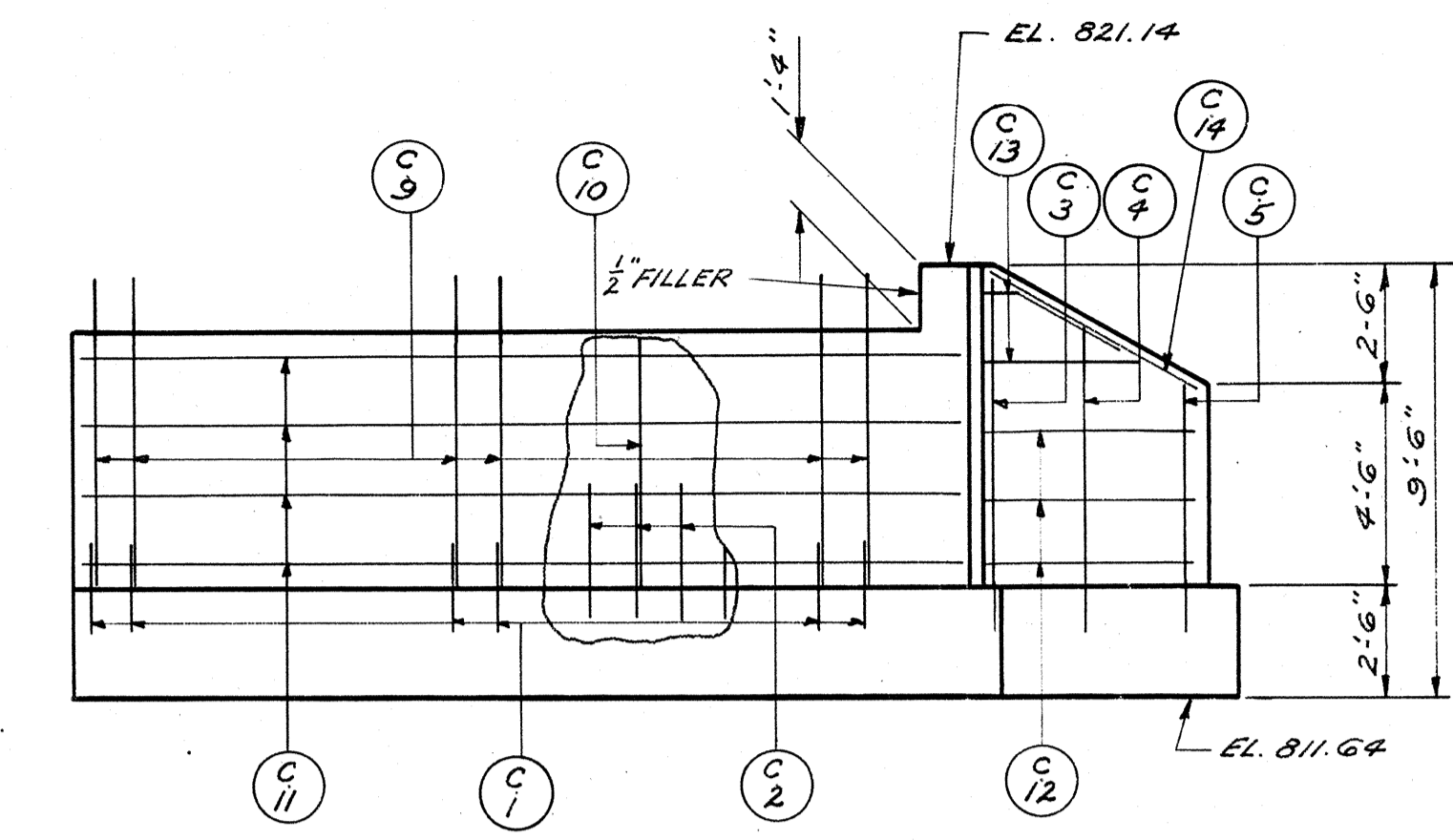
FOUR MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
FOOTING	C1	19	4	2-0	1-0	FOOTING & BODY WALL FF
	C2	19	4	3-0	1-0	" " " B.F.
	C3	1	4	7-9	SHOWN	WING FRONT FACE
	C4	1	4	6-9	"	" " "
	C5	1	4	5-6	"	" " "
	C6	3	4	5-6	1-0	" " BACK
	C7	2	4	6-9	1-0	" " "
	C8	2	4	7-6	1-0	" " "
BODY & WING WALLS	C9	19	4	6-9	1-0	BODY WALL FRONT FACE
	C10	7	4	5-6	3-0	" " BACK
	C11	8	4	19-0	1-6	" " B.F. & FF
	C12	6	4	6-6	1-6	WING
	C13	4	4	5-0	1-6	" " "
	C14	2	4	7-3	SHOWN	" TOP

(SOUTH ABUTMENT) **340 #**

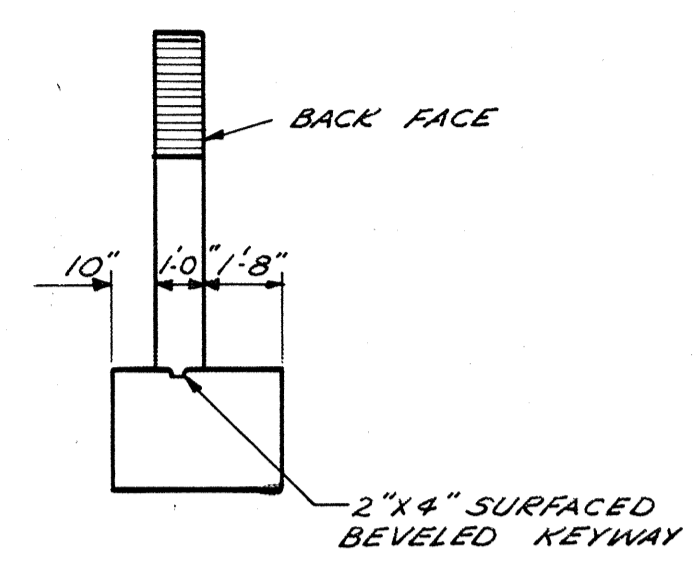
FOUR MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
FOOTING	H1	17	4	2-0	1-0	FOOTING & BODY WALL FF
	H2	17	4	3-0	1-0	" " " B.F.
	H3	1	4	7-9	SHOWN	WING FRONT FACE
	H4	1	4	6-9	"	" " "
	H5	1	4	5-6	"	" " "
	H6	3	4	5-6	1-0	" " BACK
	H7	2	4	6-9	1-0	" " "
	H8	2	4	7-6	1-0	" " "
BODY & WING WALLS	H9	17	4	6-9	1-0	BODY WALL FRONT FACE
	H10	7	4	5-6	3-0	" " BACK
	H11	8	4	16-3	1-6	" " B.F. & FF
	H12	6	4	6-6	1-6	WING
	H13	4	4	5-0	1-6	" " "
	H14	2	4	7-3	SHOWN	" TOP

ESTIMATED CONC. MASONRY

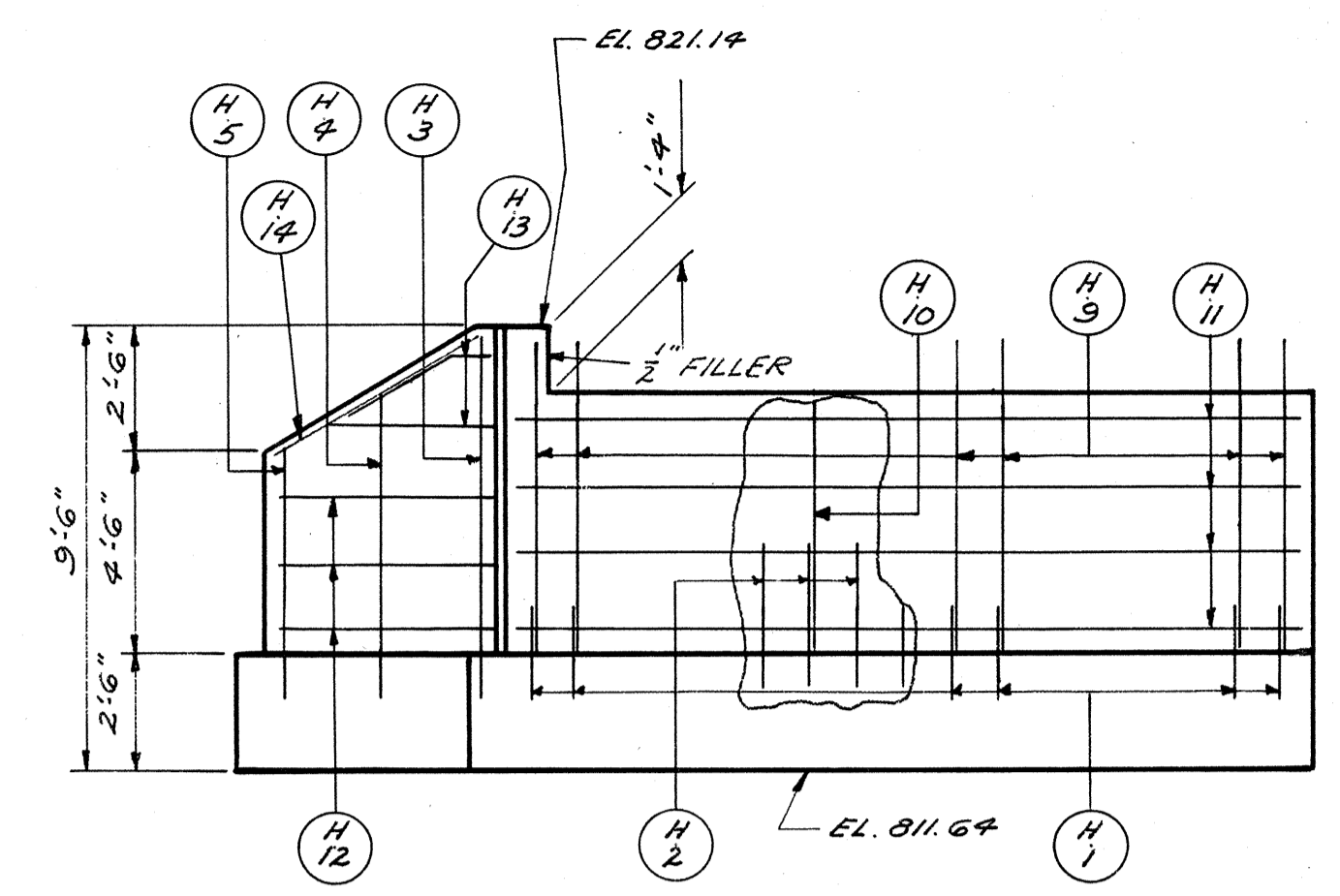
UNIT	NORTH ABUT.	SOUTH ABUT.
FOOTINGS	8.5	7.7
BODY & WINGS	5.8	5.1
TOTAL	14.3	12.8



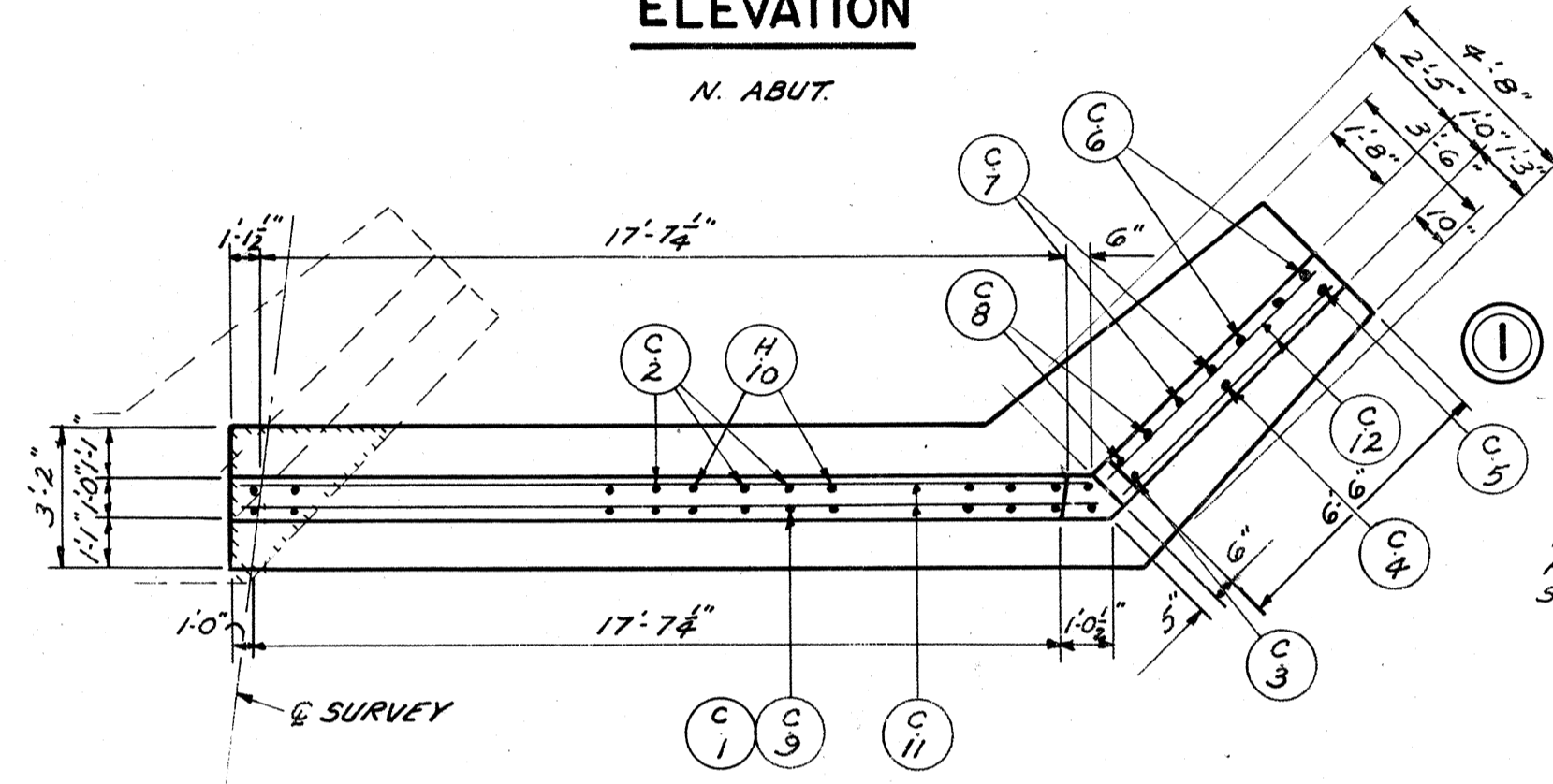
ELEVATION
N. ABUT.



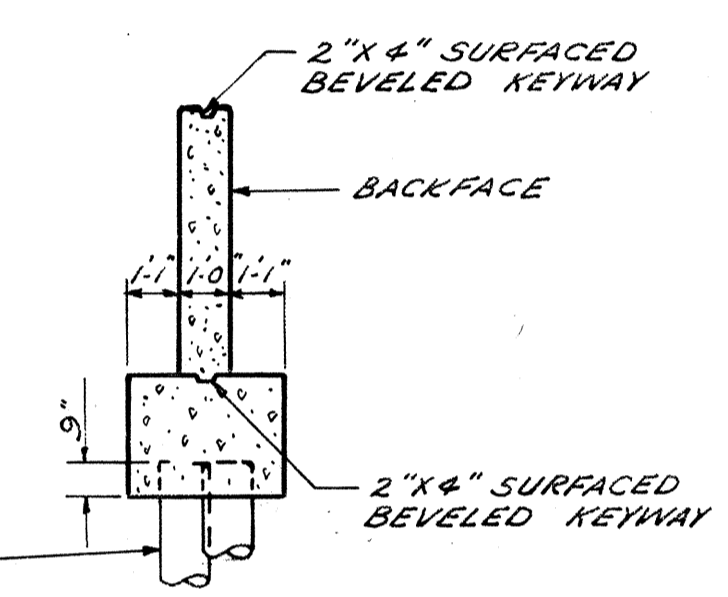
END VIEW



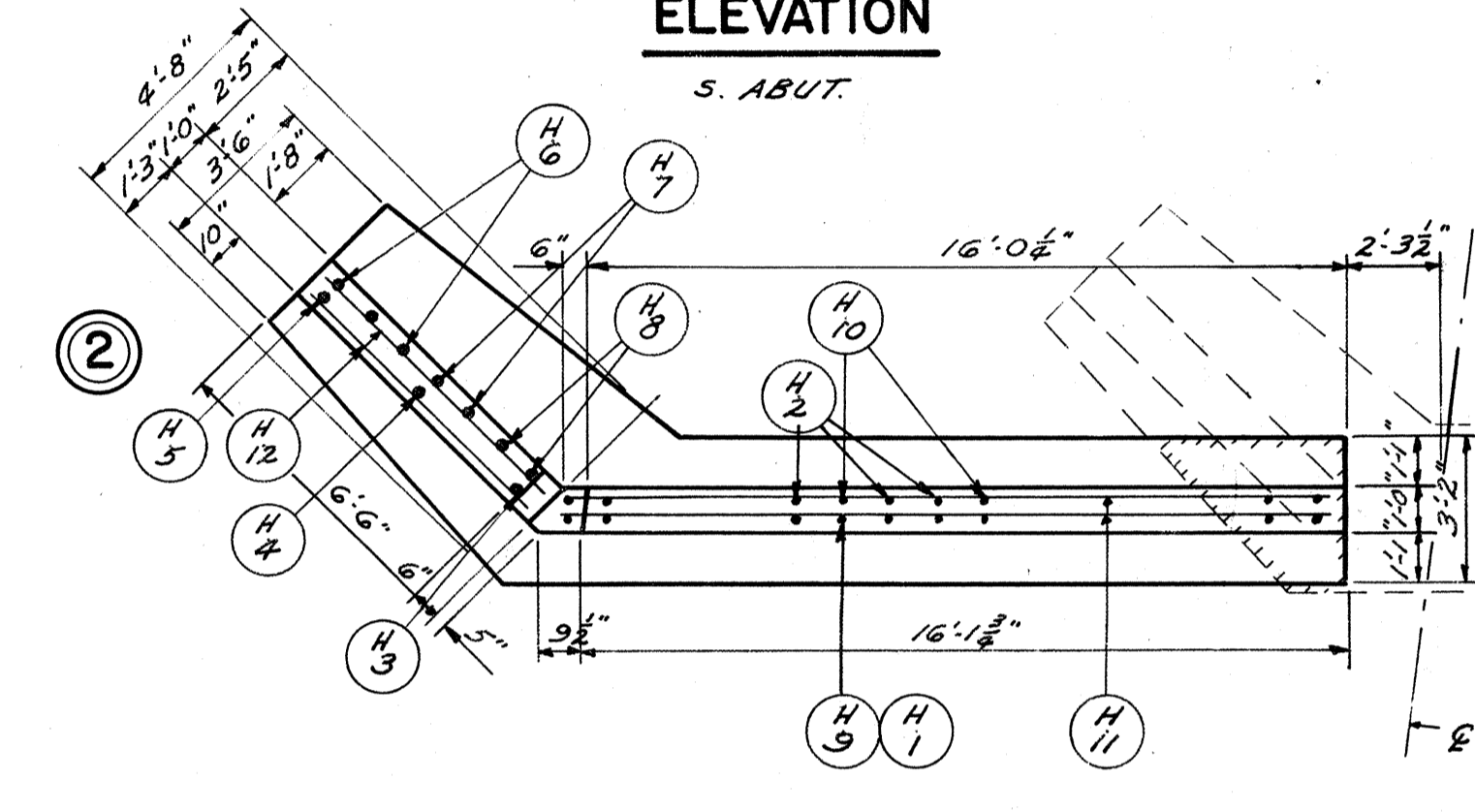
ELEVATION
S. ABUT.



PLAN

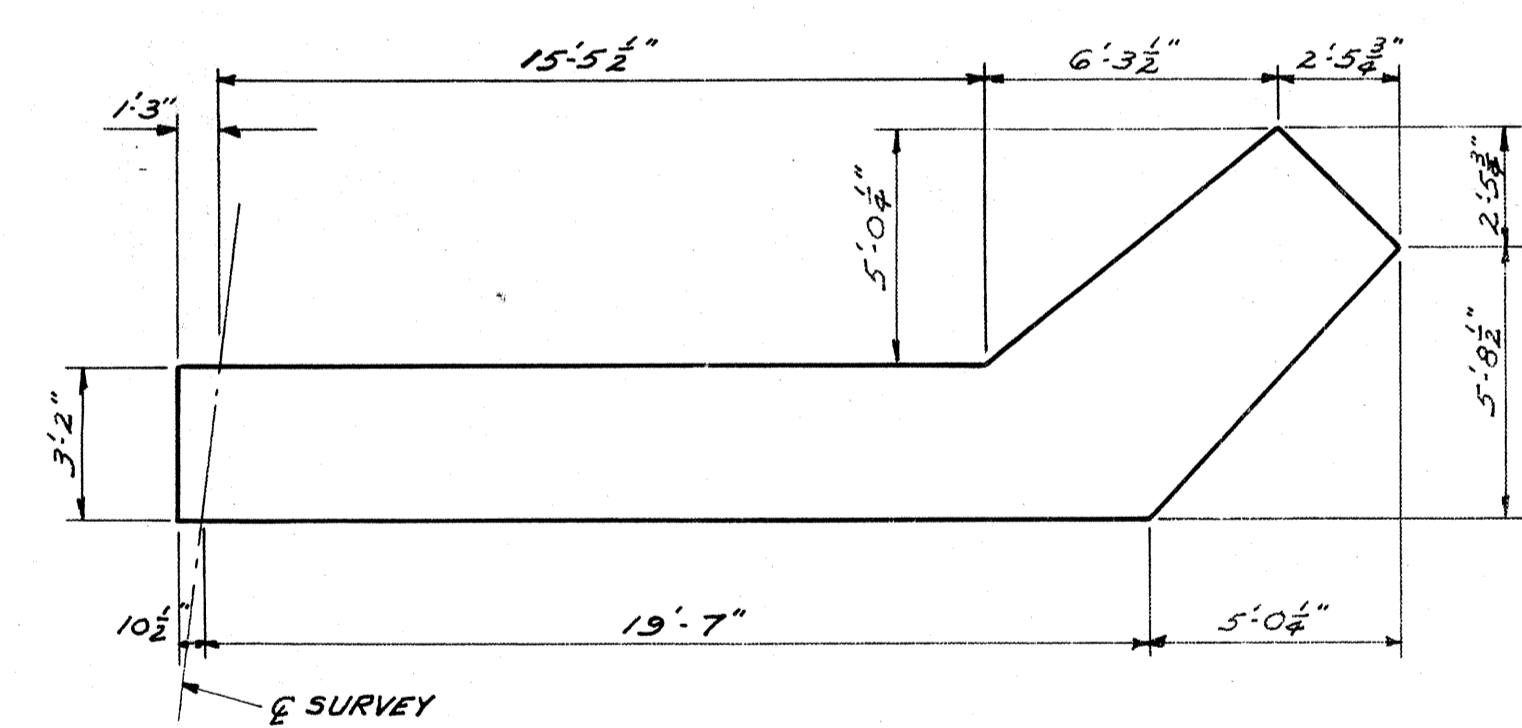


SECTION THRU BODY WALL

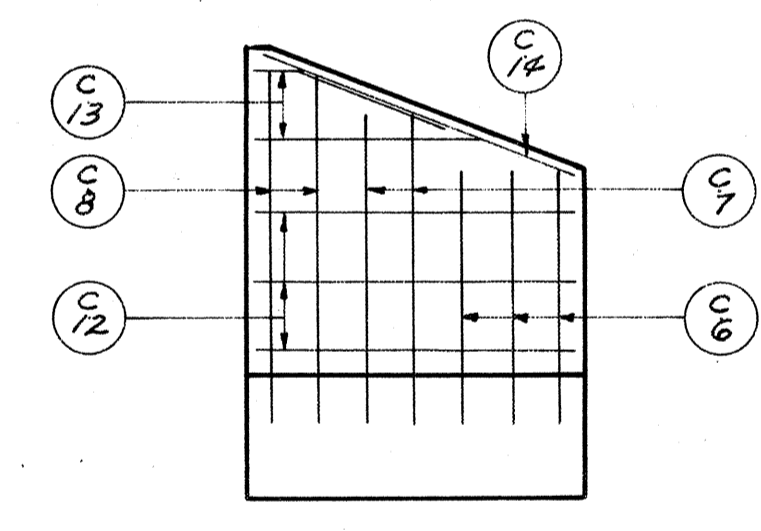


PLAN

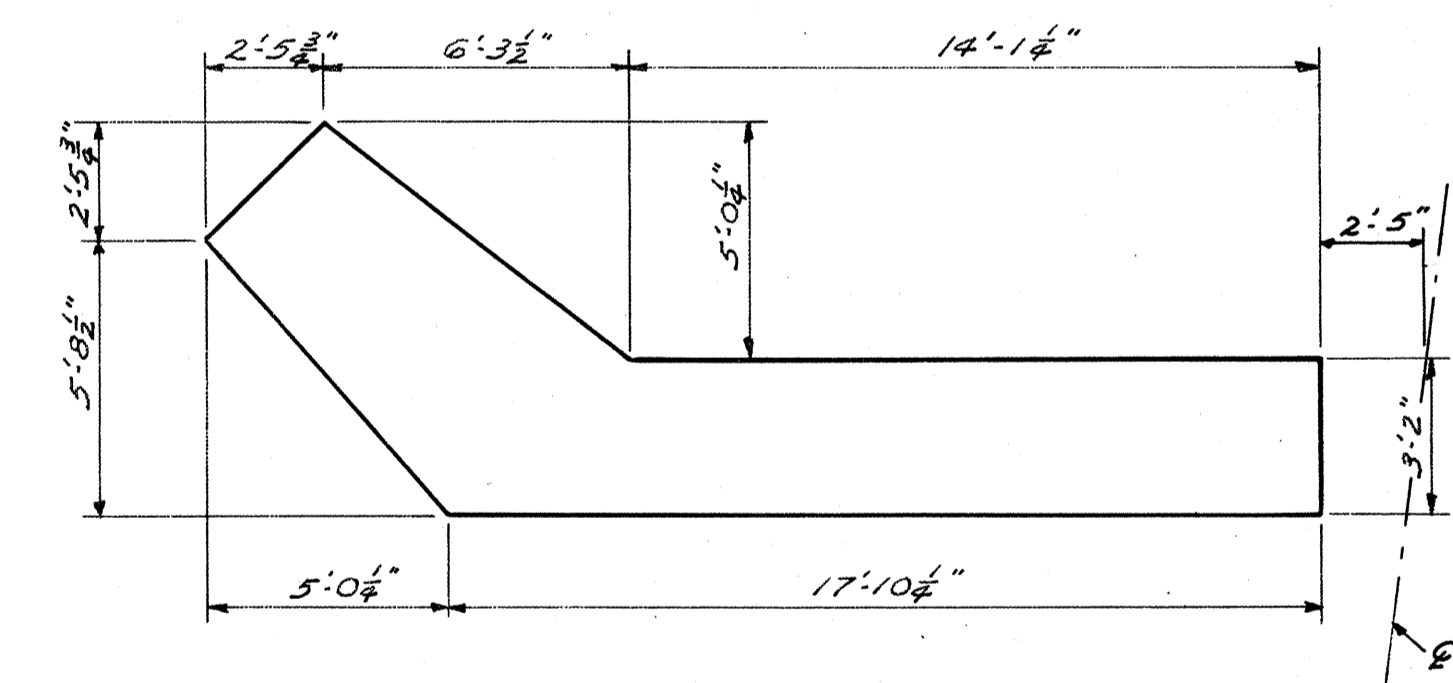
NOTE: REMOVE SHADED PORTION OF EXISTING STRUCTURE
TREATED TIMBER PILING EST. 20'-0" LG.



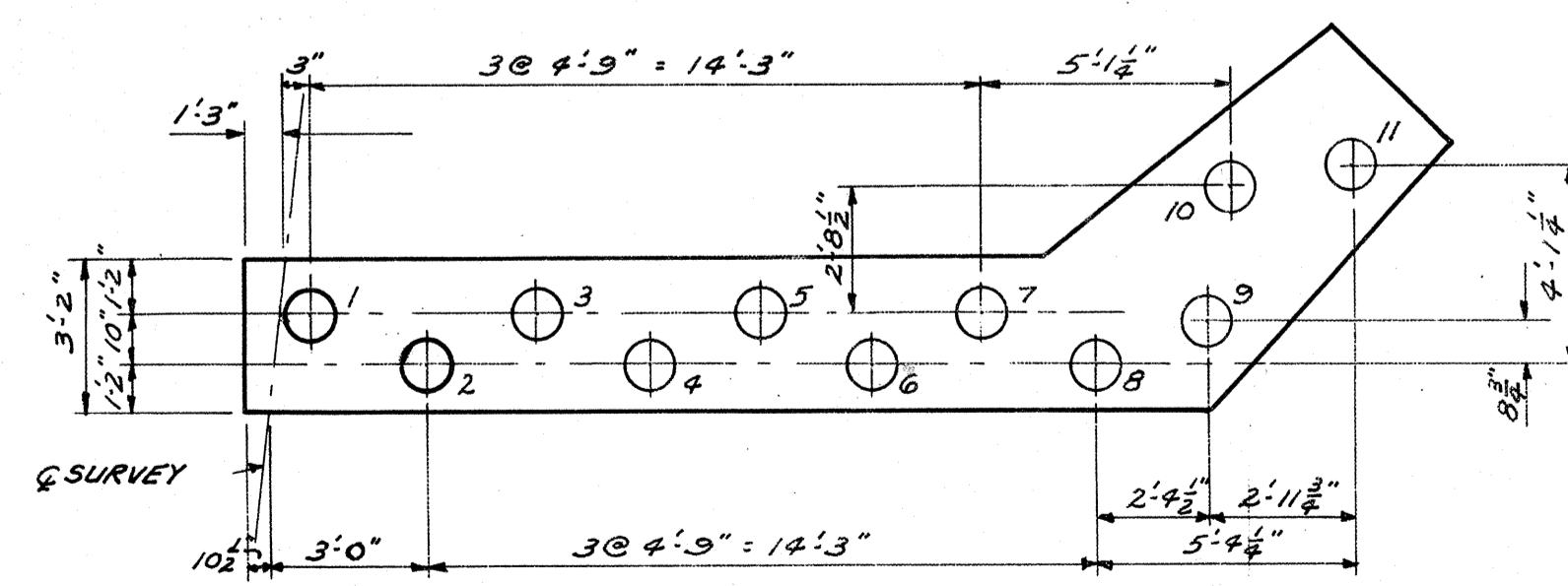
FOOTING PLAN



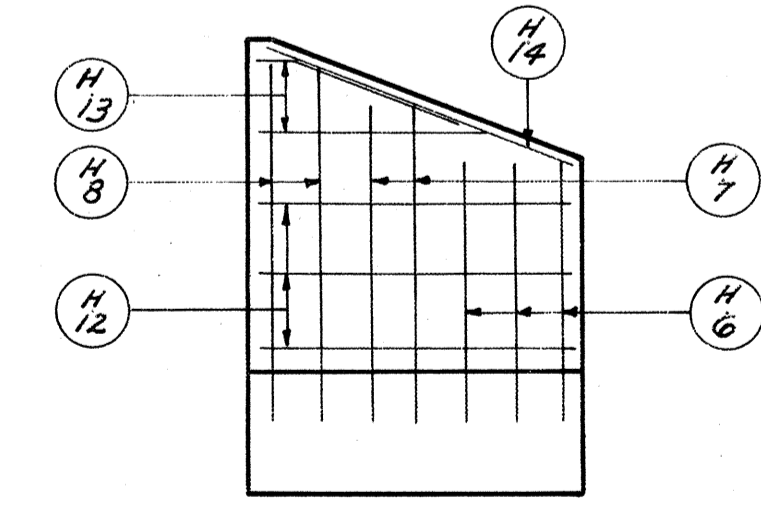
WING 1



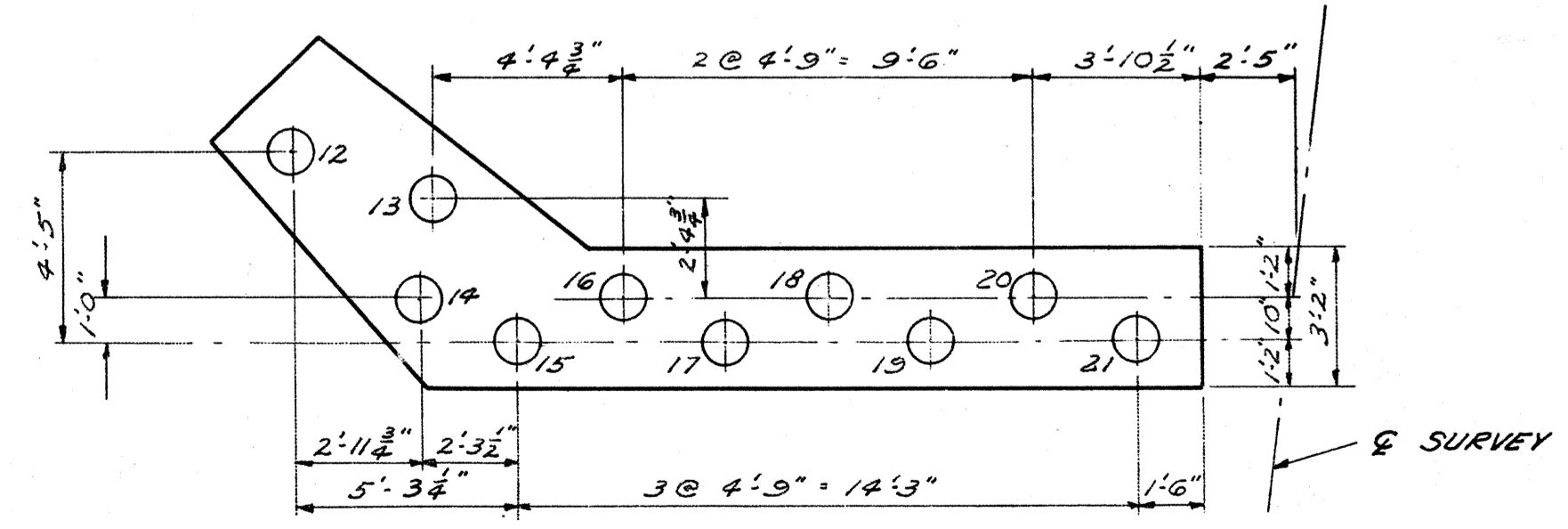
FOOTING PLAN



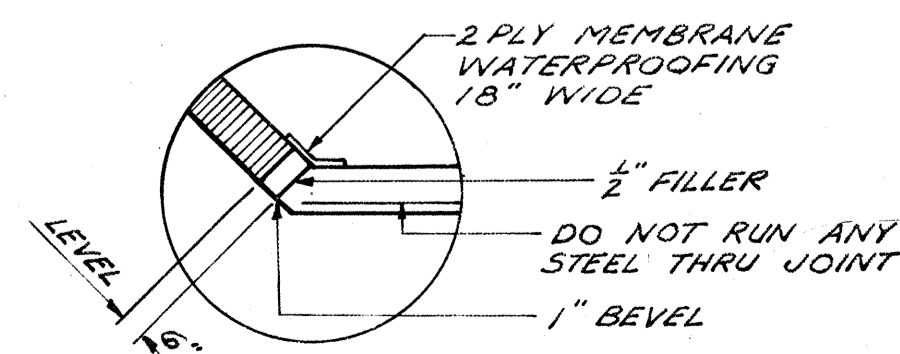
PILE PLAN



WING 2



PILE PLAN



TYPICAL CORNER DETAIL