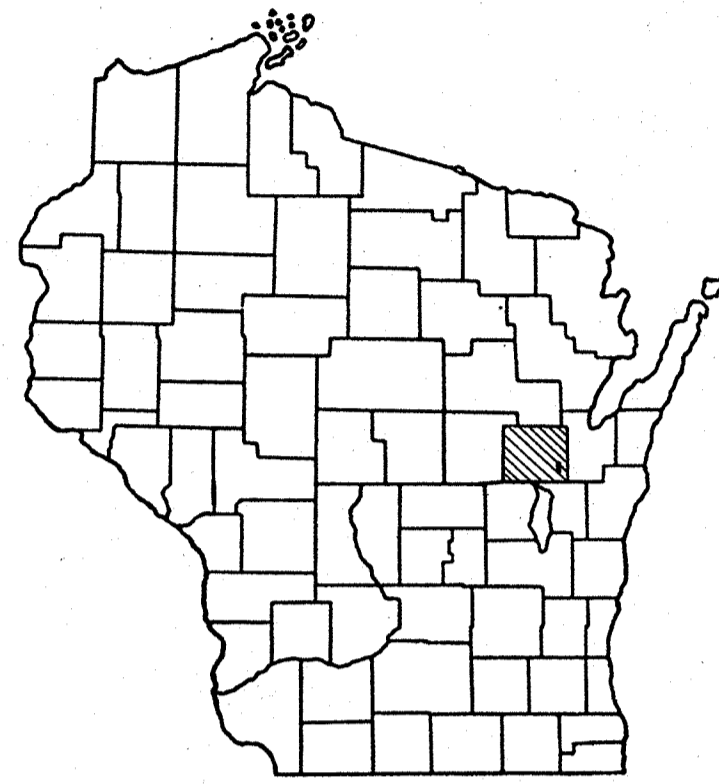


INDEX OF SHEETS

SHEET NO. 1	TITLE
SHEET NO. 2	TYPICAL CROSS SECTIONS
SHEET NO. 2	ESTIMATE OF QUANTITIES
SHEET NO. 2	MISCELLANEOUS QUANTITIES
SHEET NO. 4	RIGHT OF WAY PLAT
SHEET NO. 5-	PLAN AND PROFILE STA. 42+46.67 TO STA. 127+00
SHEET NO.	STANDARD DETAILS
SHEET NO.	DRAINAGE STRUCTURES
SHEET NO.	CROSS SECTIONS

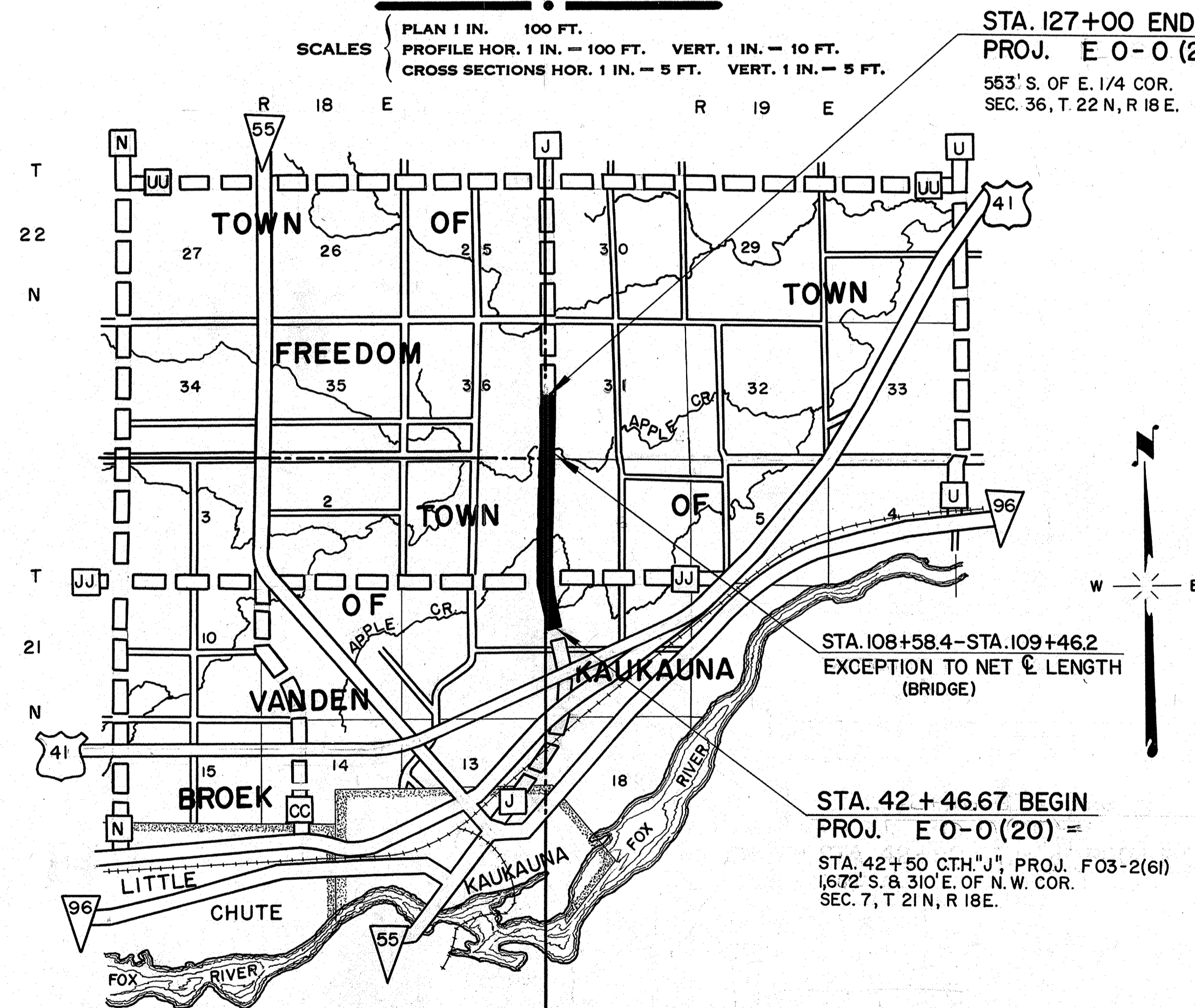


**STATE OF WISCONSIN
STATE HIGHWAY COMMISSION OF WISCONSIN**

**PLAN AND PROFILE OF PROPOSED
KAUKAUNA - C.T.H. "S"
C.T.H. "J"
OUTAGAMIE COUNTY
PROJECT E 0-0 (20)**

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		R.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
44.6	0.0		3.20	4 WIS.		

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.



LAYOUT

SCALE ONE MILE
 TOTAL NET LENGTH OF CENTERLINE = 1.584 MI.

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
WIRE FENCE (BARBED)	MARSH
LOT LINE	HEDGE
CORPORATE OR CITY LIMITS	TREES
PROPERTY LINE	GROUND ELEVATION
TRAVELED WAY OR P.E.	GRADE ELEVATION
RAILROADS	
BASE OR SURVEY LINE	

Project # 107-

STATE HIGHWAY COMMISSION OF WISCONSIN MADISON, WIS.	
APPROVED: OUTAGAMIE COUNTY HIGHWAY COMMITTEE	SURVEYOR: C.E.S., D.H. NOTE BOOK: 335,336 DISTRICT COMPUTER: L.J.L. M.O. CHECKER DISTRICT CHECKER: R.L.J. CORRECT
CHAIRMAN	DATE _____ DISTRICT ENGINEER
SECRETARY	RECOMMENDED FOR APPROVAL:
MEMBER	DATE _____ ENGINEER OF DESIGN
MEMBER	DATE _____ STATE HIGHWAY ENGINEER
MEMBER	DEPARTMENT OF COMMERCE BUREAU OF PUBLIC ROADS
COUNTY HIGHWAY COMMISSIONER	APPROVED: _____ DATE _____
DATED _____ DAY OF _____ 1963	DIVISION ENGINEER

J-8

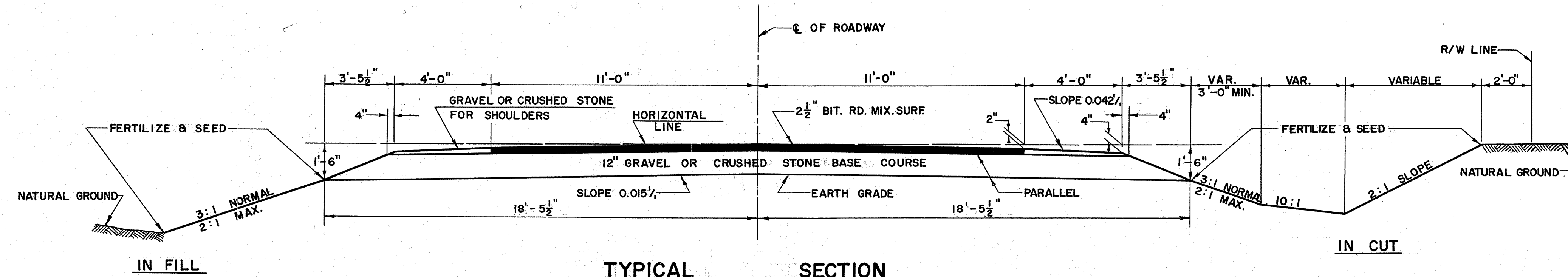
ESTIMATE OF QUANTITIES

CONTRACT NO. 182

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN — EDITION OF 1963 SUBMITTED FOR APPROVAL 25 JAN. 1963 AND SPECIAL PROVISIONS AS ATTACHED TO PROPOSAL.

PROJECT	SHEET NUMBER	TOTAL SHEETS
EO-0 (20)	2.0	

CONTRACT	STATION TO STATION	NET LENGTH OF CENTER LINE	CLEARING	GRUBBING	REMOVING PAVEMENT	EXCAVATION		SAND GRAVEL FILL	FINISHING ROADWAY	OBLITERATING OLD ROAD	GRAVEL OR CRUSHED STONE BASE COURSE		BITUMINOUS		PROD. AND STOCK-PILE AGG. FOR BITUM. ROAD MIX SURF.	MORTAR RUBBLE MASONRY	CULVERT PIPE, CLASS III		CORR. METAL PIPE ARCH 72" X 44"	STRUCT. PLATE PIPE ARCH 10' SPAN	MORTAR RUBBLE DITCH CHECKS	STEEL PLATE BEAM GUARD	MARKER POSTS	LAND MARK REFER. MONUMENTS	CALCIUM CHLORIDE SURFACE TREATMENT	TOPSOIL		FERTILIZER	SEEDING		
						UNCLASSIFIED					PRODUCING & STOCK-PILING	HAULING & PLACING	MAT'L. FOR PRIME COAT	ROAD MIX SURF.			MAT'L. FOR SURF. COURSE	18"								30"	SQ. YD.			SQ. YD.	
						C.Y.	C.Y.				TON	TON	GAL.	SQ. YD.			GAL.	TON								C.Y.	LIN. FT.			LIN. FT.	TON
1	42+46.67 - 127+00	8365.53	270	340	2900	20,466			1		22,800	22,800	3,450	21,100	36,700	3,000	3.4	448	238	76	64	30	81	38	6			12		42	46,000
2	42+46.67 - 127+00	8365.53									22,800																				
	42+46.67 - 127+00	8365.53	270	340	2900	20,466			1		22,800	22,800	3,450	21,100	36,700	3,000	3.4	448	238	76	64	30	81	38	6			12		42	46,000



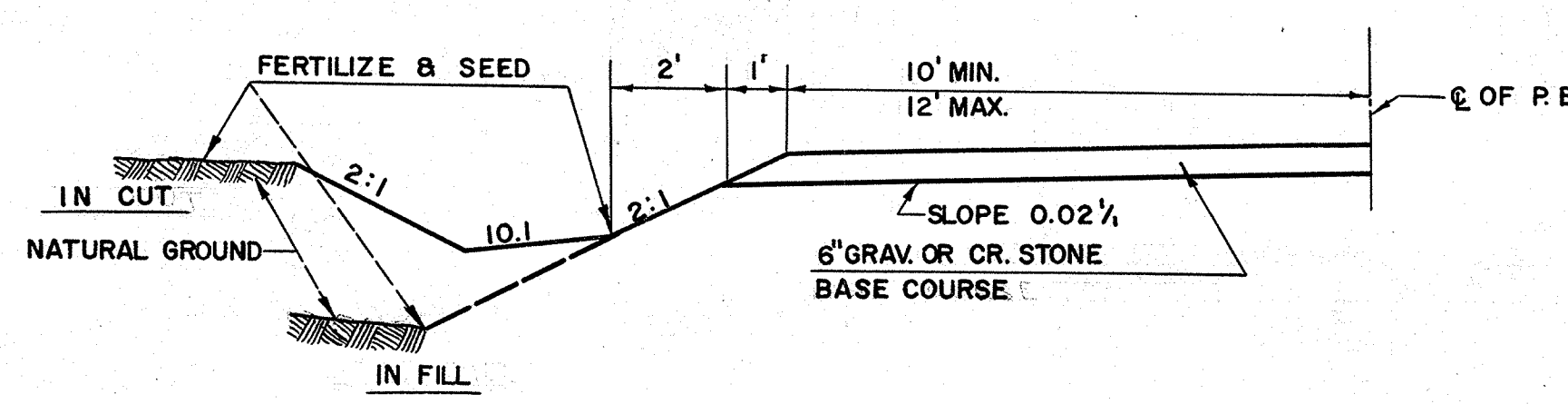
GENERAL NOTES

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

WHEN THE QUANTITY OF ITEMS OF SUBBASE, BASE OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

ON ALL HORIZONTAL CURVES REQUIRING SUPERELEVATION THE NORMAL CROWN SHALL BE REMOVED AND THE EARTH GRADE, BASE COURSE AND PAVEMENT SURFACES SHALL RESULT IN STRAIGHT LINE SLOPES OVER THE ENTIRE WIDTH OF ROADBED.

CULVERT PIPES				
STATION	LOCATION	DIAM.	LIN. FT.	TYPE
47 + 50	C	72" X 44"	76	C.M.P.A.
62 + 00	C	30"	60	C.P.
76 + 50	C	10' SPAN	64	S.R.P.A.
83 + 50	C	30"	58	C.P.
92 + 81	C	30"	60	C.P.
118 + 12	C	30"	60	C.P.
14 P.E.'S	LT. & RT.	18"	448	C.P.

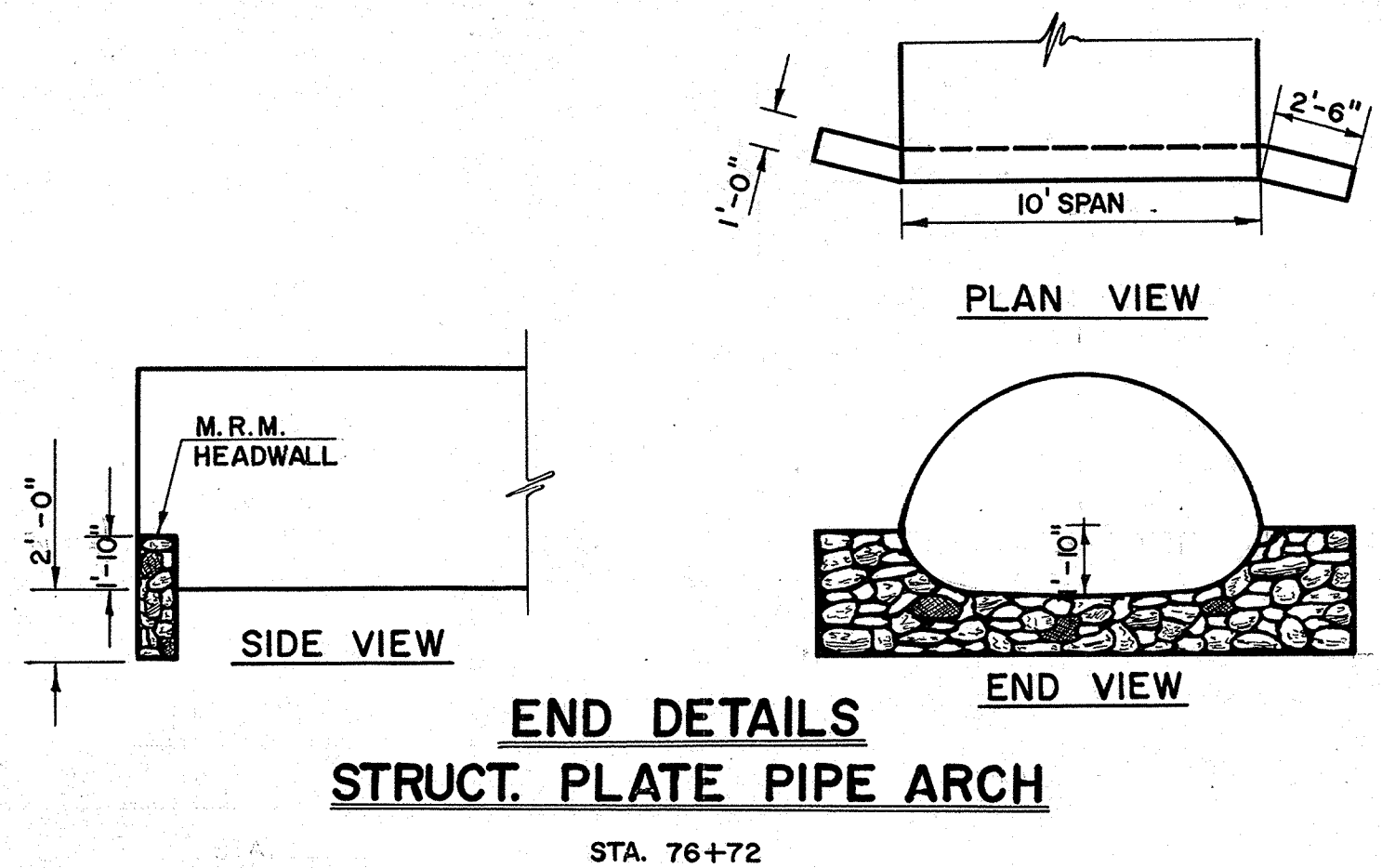


GRAVEL OR CRUSH. STONE BASE COURSE	
LOCATION	TON
CENTERLINE	20,970
PE'S & SD. RD.'S	800
SHOULDERS	1,030

MARKER POSTS	
LOCATION	EACH
CULVERT PIPES	12
SHOULDERS DELINEATION	26

STANDARD DRAWINGS

STRUCTURAL PLATE PIPE ARCH	6-5.3.2
MARKER POSTS	7-1.3.4
STEEL PLATE BEAM GUARD	7-2.4.10
CONSTRUCTION BARRICADE	7-4.1.4
DITCH CHECKS	8-1.3.1
DESIGN & LAYOUT FOR SIDE ROAD INTER.	9-1.1.4
LANDMARK REFERENCE MONUMENTS	12-1.1.2



TYPICAL CROSS SECTION
FOR
36'-11" EARTHGRADE - 22 FT. BIT. SURF.
AND
MISCELLANEOUS CONSTRUCTION DETAILS
SCALE VARIABLE

BENCH MARKS

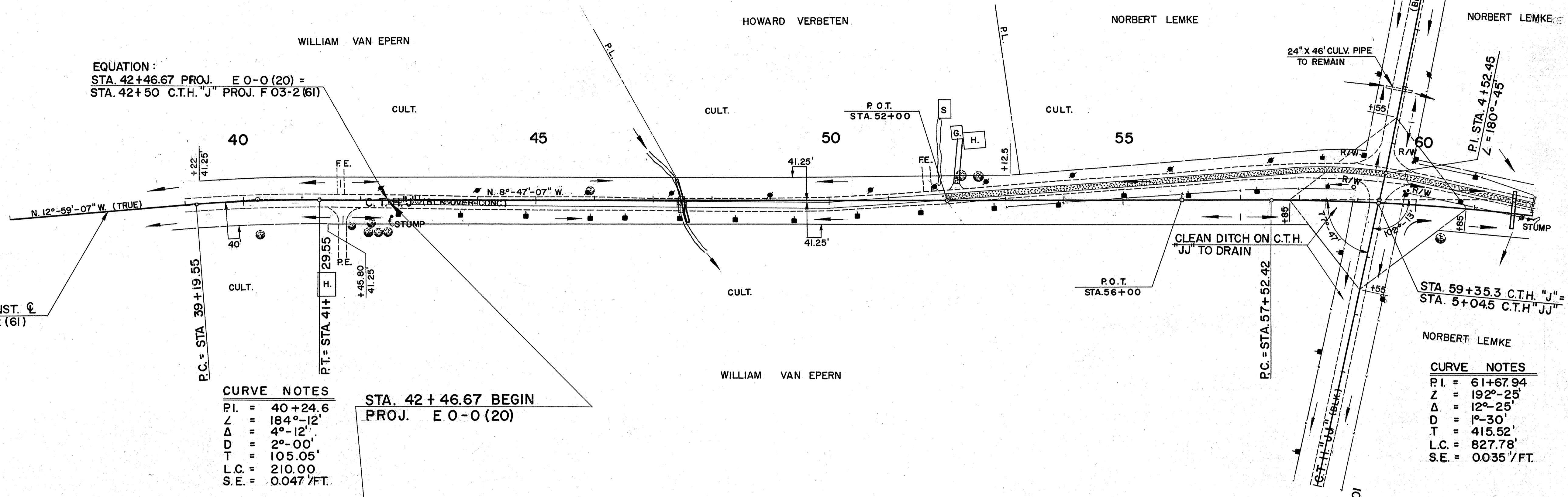
NO.	STATION	DESCRIPTION	ELEV.
12	41+35	SPIKE IN 15" MAPLE 60' RT.	707.30
13	45+90	" " 18" ELM 16' LT.	702.93
14	52+60	" " 8" ELM 44' LT.	706.53
15	60+40	" " 10" HICKORY 48' RT.	703.87

C.T.H. "J" - C.T.H. "JJ" INTERSECTION
TYPE "E" INTERSECTION DESIGN REQ'D.
AS PER STD. DRWG. 9-1.1.4.

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	E 0-0 (20)		

PLAN
 SURVEYED BY: J. H. L.
 PLOTTED BY: J. H. L.
 CHECKED BY: J. H. L.
 DATE: 1-61
 NO. 335

PROFILE
 SURVEYED BY: J. H. L.
 PLOTTED BY: J. H. L.
 CHECKED BY: J. H. L.
 DATE: 1-61
 NO. 336



GENERAL NOTES

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

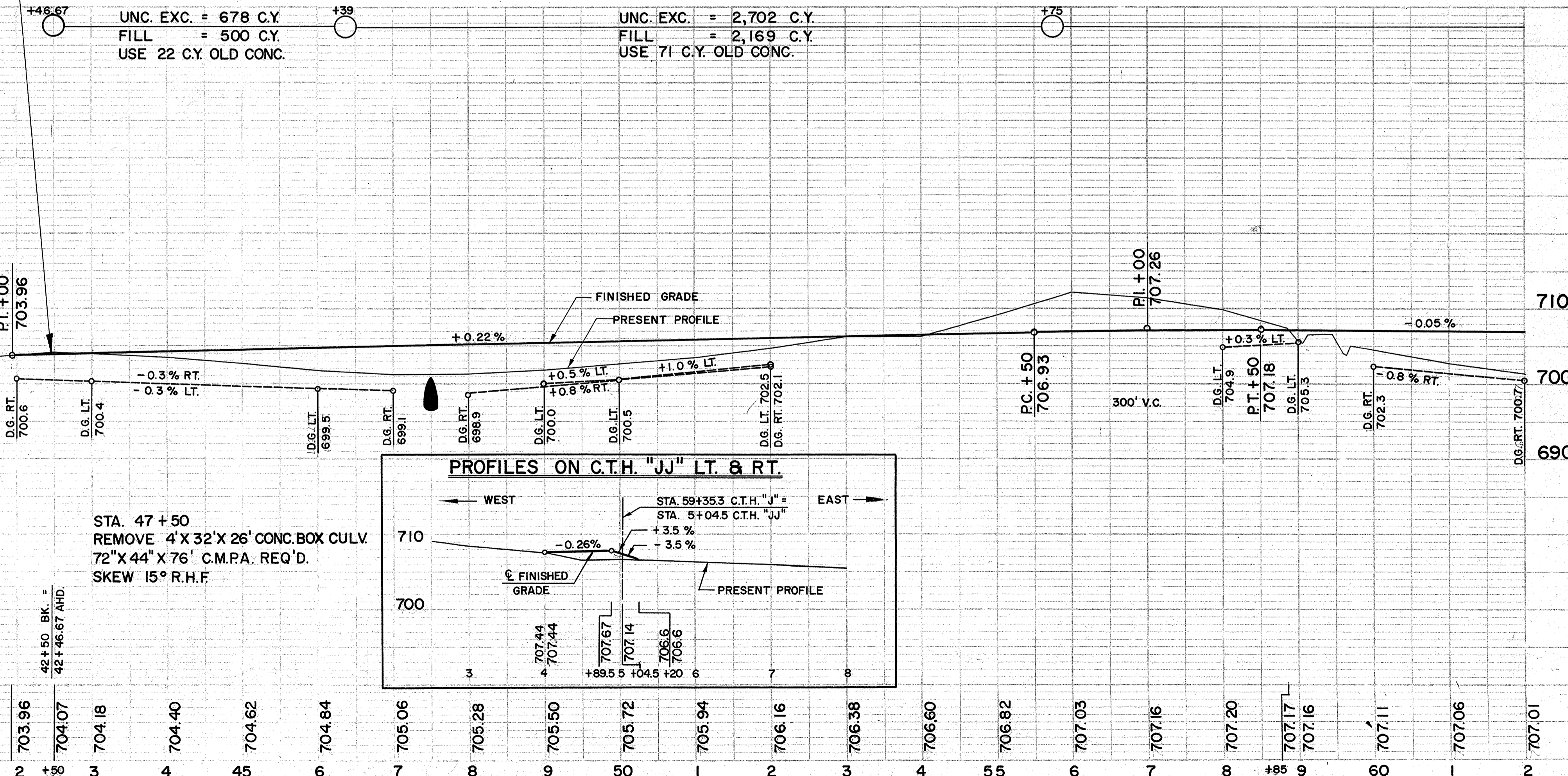
FILL AS SHOWN ON THESE PLAN SHEETS PERTAIN TO EMBANKMENTS CONSTRUCTED FROM UNCLASSIFIED EXCAVATION AND OLD CONCRETE PAVEMENT, AND IS COMPUTED WITH A SHRINKAGE ALLOWANCE VARYING FROM 30% - 40%.

THE EXACT LOCATIONS OF PRIVATE ENTRANCES AND CULVERT PIPES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. UTILITY COMPANIES SHALL BE RESPONSIBLE FOR MOVING PRIVATELY OWNED FACILITIES.

ALL BEARINGS OF DIRECTION ON THESE PLAN SHEETS ARE TRUE BEARINGS.

LEGEND

- UNC. EXC. UNCLASSIFIED EXCAVATION
- CONC. PAV'T. REMOVAL
- DRAINAGE FLOW
- C.M.P.A. CORRUGATED METAL PIPE ARCH
- S.P.P.A. STRUCTURAL PLATE PIPE ARCH



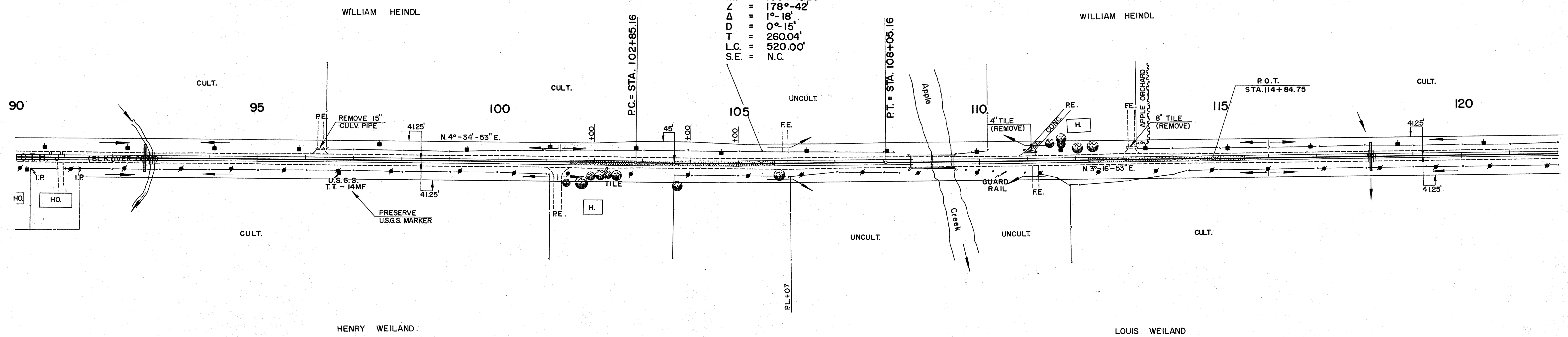
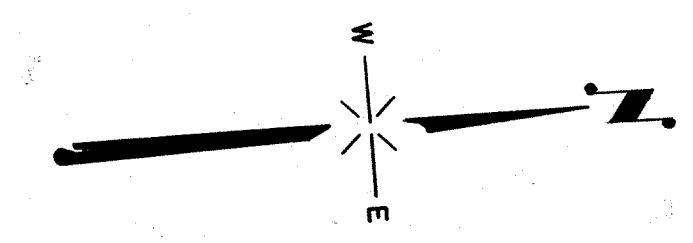
CURVE NOTES

P.I.	= 61+67.94
Z	= 192°-25'
Δ	= 12°-25'
D	= 1°-30'
T	= 415.52'
L.C.	= 827.78'
S.E.	= 0.035 /FT.

BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
21	95+80	SPIKE IN POWER POLE 170' LT.	702.81
22	101+40	" " 36" ELM 60' RT.	706.27
23	108+42	PT. MK. SW. COR. WHEEL GUARD 15' LT.	684.36
24	113+20	SPIKE IN 8" CHERRY 82' LT.	704.53

R.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	E 0-0 (20)		

CURVE NOTES
 R.I. = 105+45.20
 Δ = 178°-42'
 Δ = 1°-18'
 D = 0°-15'
 T = 260.04'
 L.C. = 520.00'
 S.E. = N.C.



NET LENGTH OF CENTERLINE		
STATION TO STATION	LIN. FT.	
90+00	120+00	2,912.2

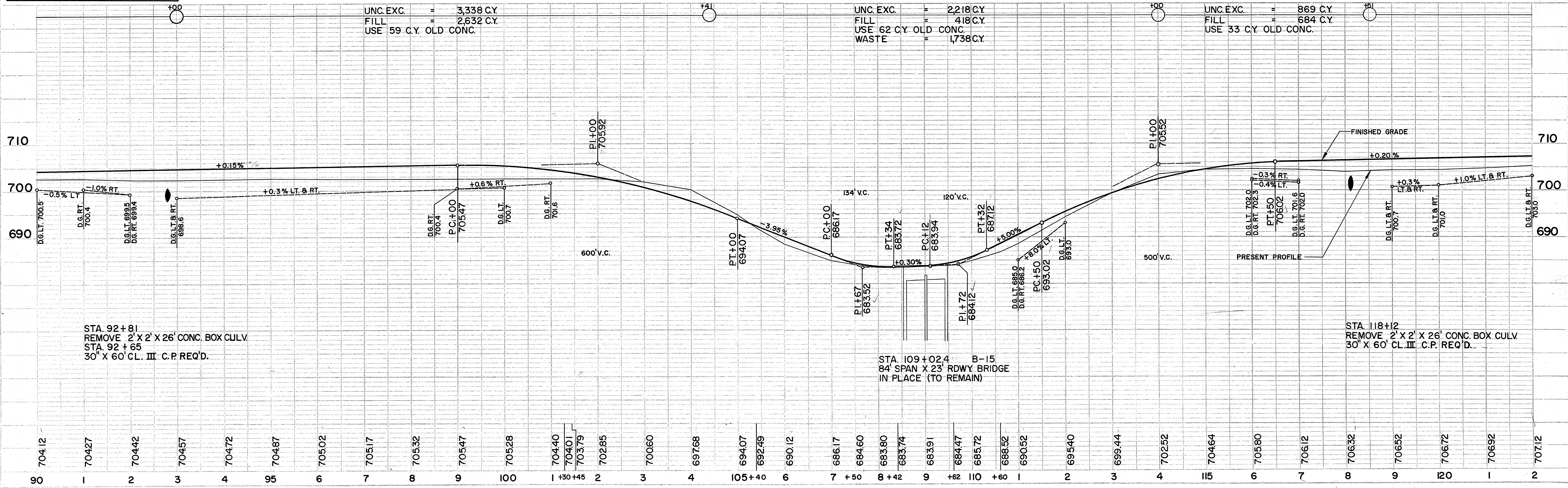
HENRY WEILAND

LOUIS WEILAND

UNC. EXC. = 3,338 C.Y.
 FILL = 2,632 C.Y.
 USE 59 C.Y. OLD CONC.

UNC. EXC. = 2,218 C.Y.
 FILL = 418 C.Y.
 USE 62 C.Y. OLD CONC.
 WASTE = 1,738 C.Y.

UNC. EXC. = 869 C.Y.
 FILL = 684 C.Y.
 USE 33 C.Y. OLD CONC.



STA. 92+81
 REMOVE 2' X 2' X 26' CONC. BOX CULV.
 STA. 92+65
 30" X 60' CL. III. C.P. REQ'D.

STA. 109+02.4 B-15
 84' SPAN X 23' RDWY BRIDGE
 IN PLACE (TO REMAIN)

STA. 118+12
 REMOVE 2' X 2' X 26' CONC. BOX CULV.
 30" X 60' CL. III. C.P. REQ'D.

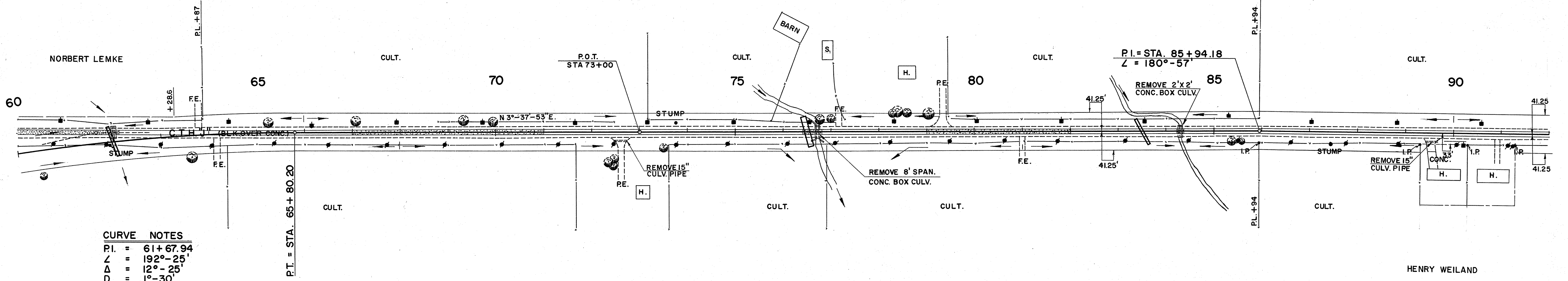
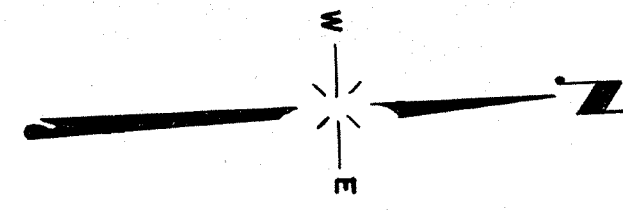
DATE 12-60
 1-61
 2-61
 C.E.S., D. H. J.D.O. P.H.L.
 SURVEYED BY
 CHECKED BY
 PLANNED BY
 NO. 335

DATE 12-60
 1-61
 2-61
 C.E.S., D. H. J.D.O. P.H.L.
 SURVEYED BY
 CHECKED BY
 PLANNED BY
 NO. 336

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	E 0-0 (20)		

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
15	60+40	SPIKE IN 10" HICKORY 48' RT.	703.87
16	67+48	" " 18" ELM 90' LT.	706.05
17	72+45	" " 10" APPLE 50' RT.	706.07
18	78+88	" " 10" CHERRY 55' LT.	704.15
19	85+40	" " HICKORY 21' RT.	701.43
20	89+90	PT. MK. SW. COR. BOT. STEP 68' RT.	704.87

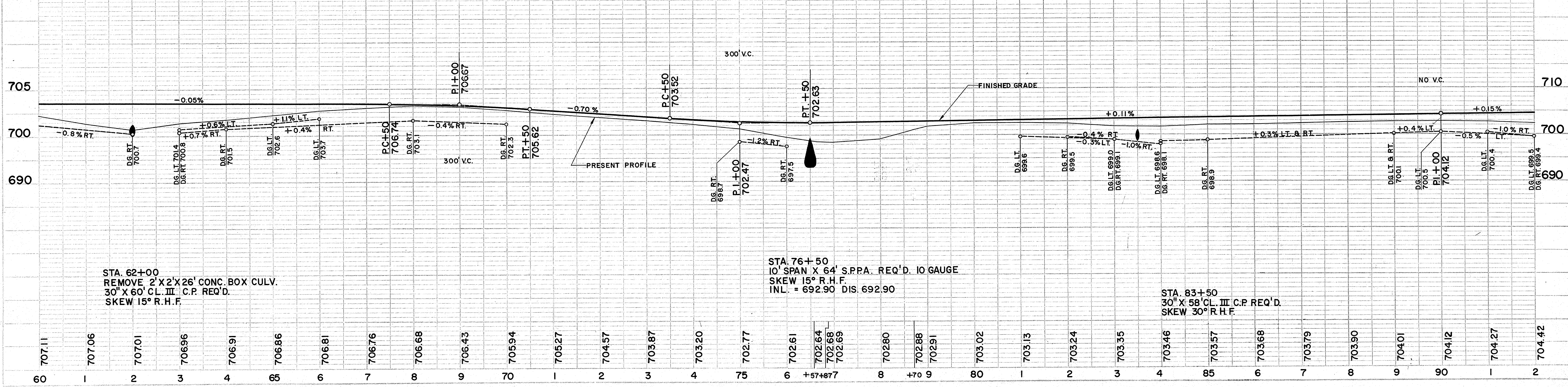


CURVE NOTES
 P.I. = 61+67.94
 Z = 192°-25'
 Δ = 12°-25'
 D = 1°-30'
 T = 415.52'
 L.C. = 827.78'
 S.E. = 0.035 1/4

NET LENGTH OF CENTERLINE

STATION TO STATION	LIN. FT.	
60+00	90+00	3,000

UNC. EXC. = 4,355 C.Y. FILL = 2,877 C.Y. USE 61 C.Y. OLD CONC. HAUL OUT 555 C.Y. TO STA. 66+00 - STA. 78+70	UNC. EXC. = 2,282 C.Y. FILL = 2,249 C.Y. USE 66 C.Y. OLD CONC. HAUL IN 555 C.Y. FROM STA. 55+75 - STA. 66+00	UNC. EXC. = 2,537 C.Y. FILL = 1,853 C.Y. USE 44 C.Y. OLD CONC.
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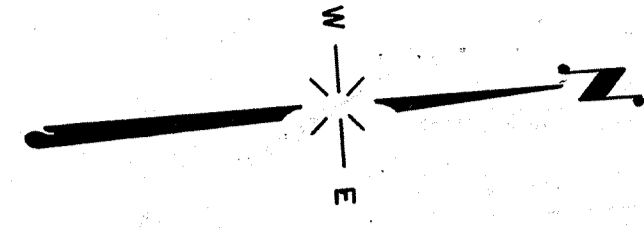


DATE: 1-82
 C.E.S.-D.O. H. 1-82
 J.D.O. P.H.L.
 NO. 334

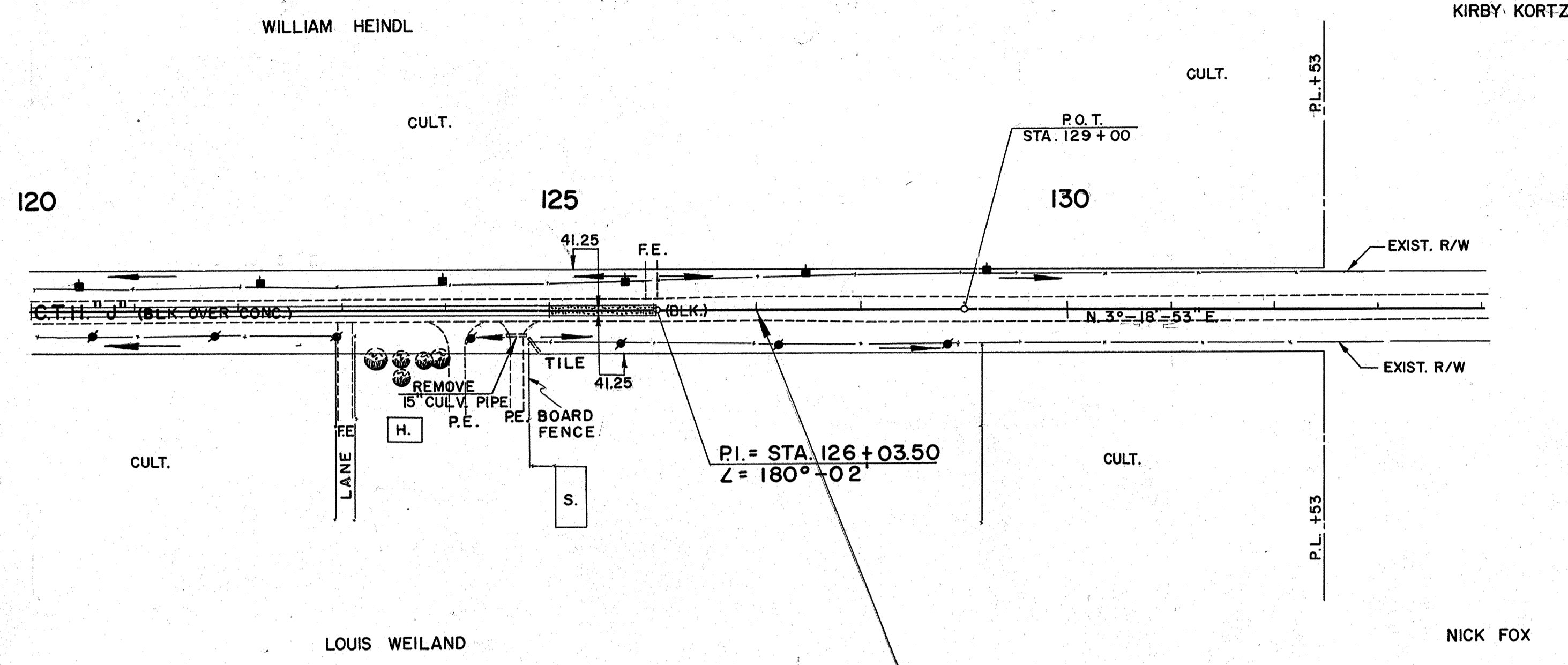
DATE: 12-60
 C.E.S.-D.O. H. 12-60
 J.D.O. P.H.L.
 NO. 336

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
25	123+55	PT. MK. SE. COR. BOT. STEP 90' RT.	711.13
26	127+50	SPIKE IN POLE 32' LT.	705.46



S.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	E 0-0 (20)		

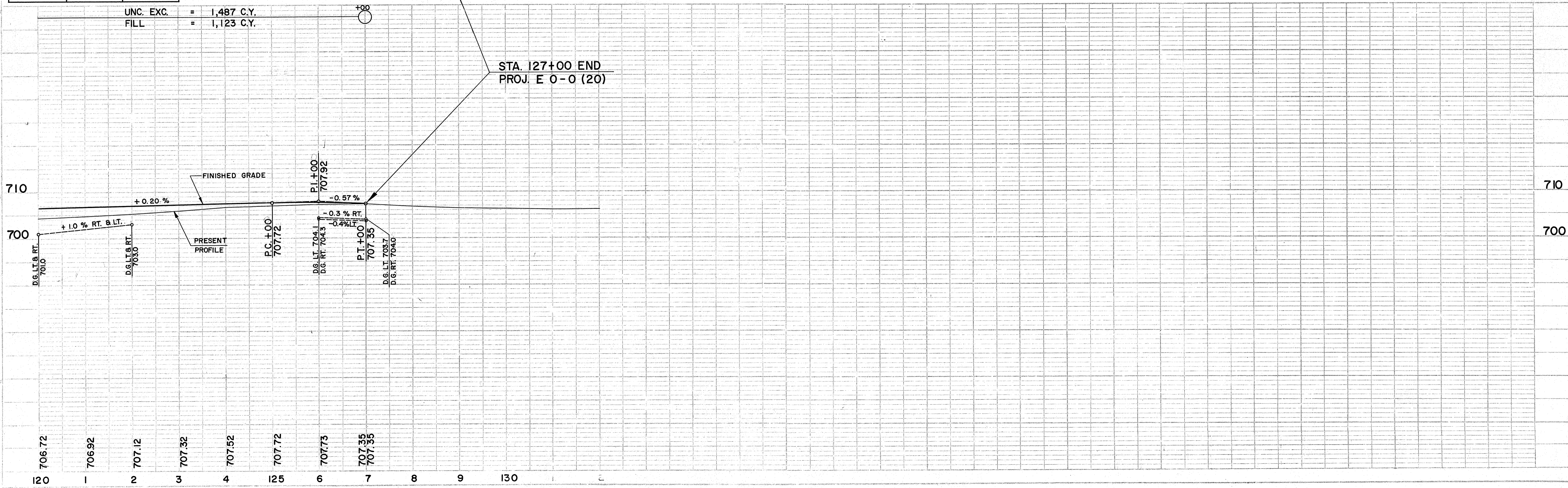


NET LENGTH OF CENTERLINE

STATION TO STATION	LIN. FT.	
120+00	127+00	700.00

UNC. EXC. = 1,487 C.Y.
 FILL = 1,123 C.Y.

STA. 127+00 END
 PROJ. E 0-0 (20)

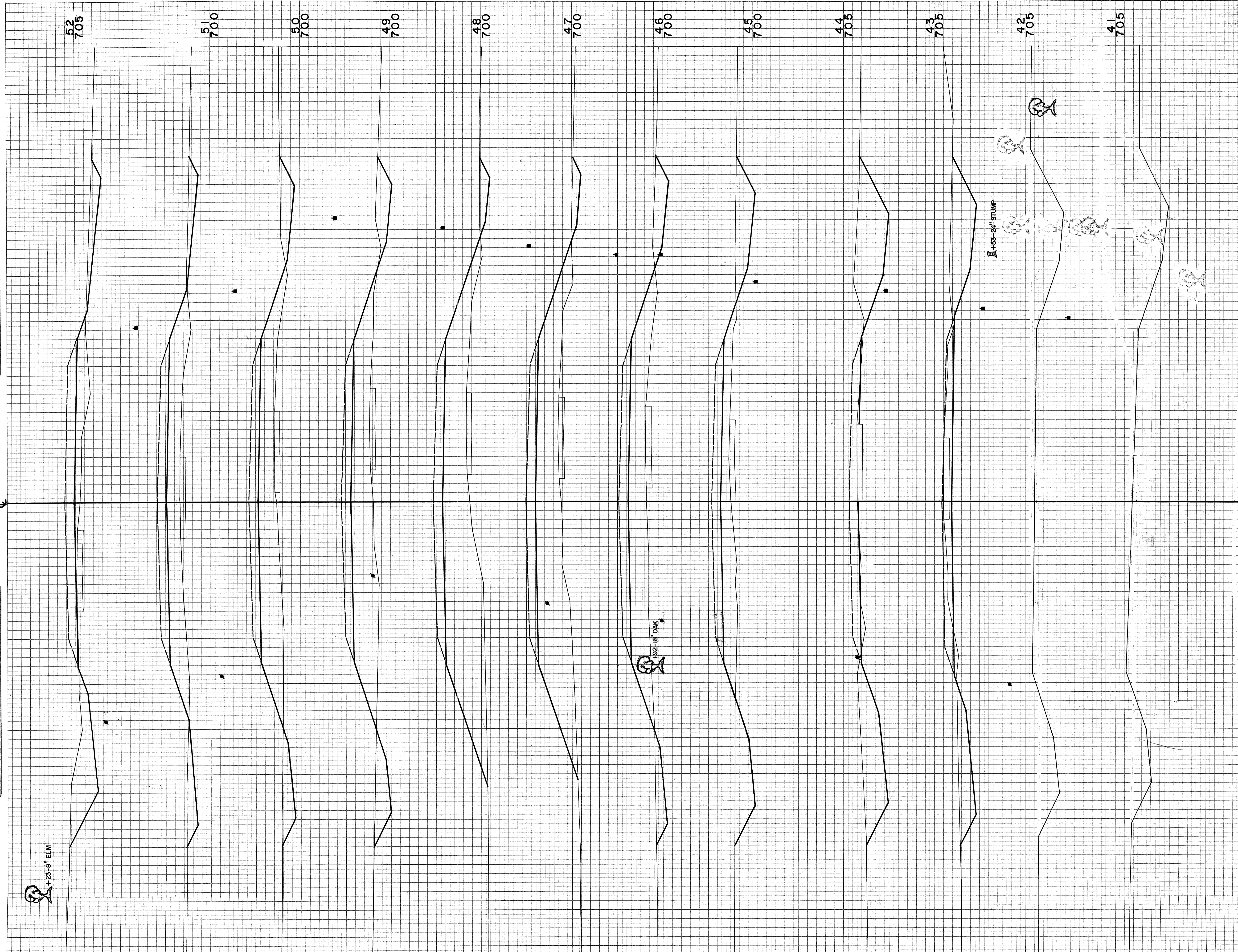


DATE 1-61
 BY C.E.S.-D. H.
 J.D.O.
 P.H.L.
 NO. 335

DATE 12-60
 BY C.E.S.-D. H.
 J.D.O.
 P.H.L.
 NO. 336

FINAL SURVEY BY DATE
 SURVEYED BY: C.E.S. - D.H.
 NOTE BOOK NO. 336
 TEMPLATE: J.O.C.
 AREAS CHECKED: J.E.F.

ORIGINAL SURVEY BY DATE
 SURVEYED BY: C.E.S. - D.H.
 NOTE BOOK NO. 336
 TEMPLATE: J.O.C.
 AREAS CHECKED: J.E.F.



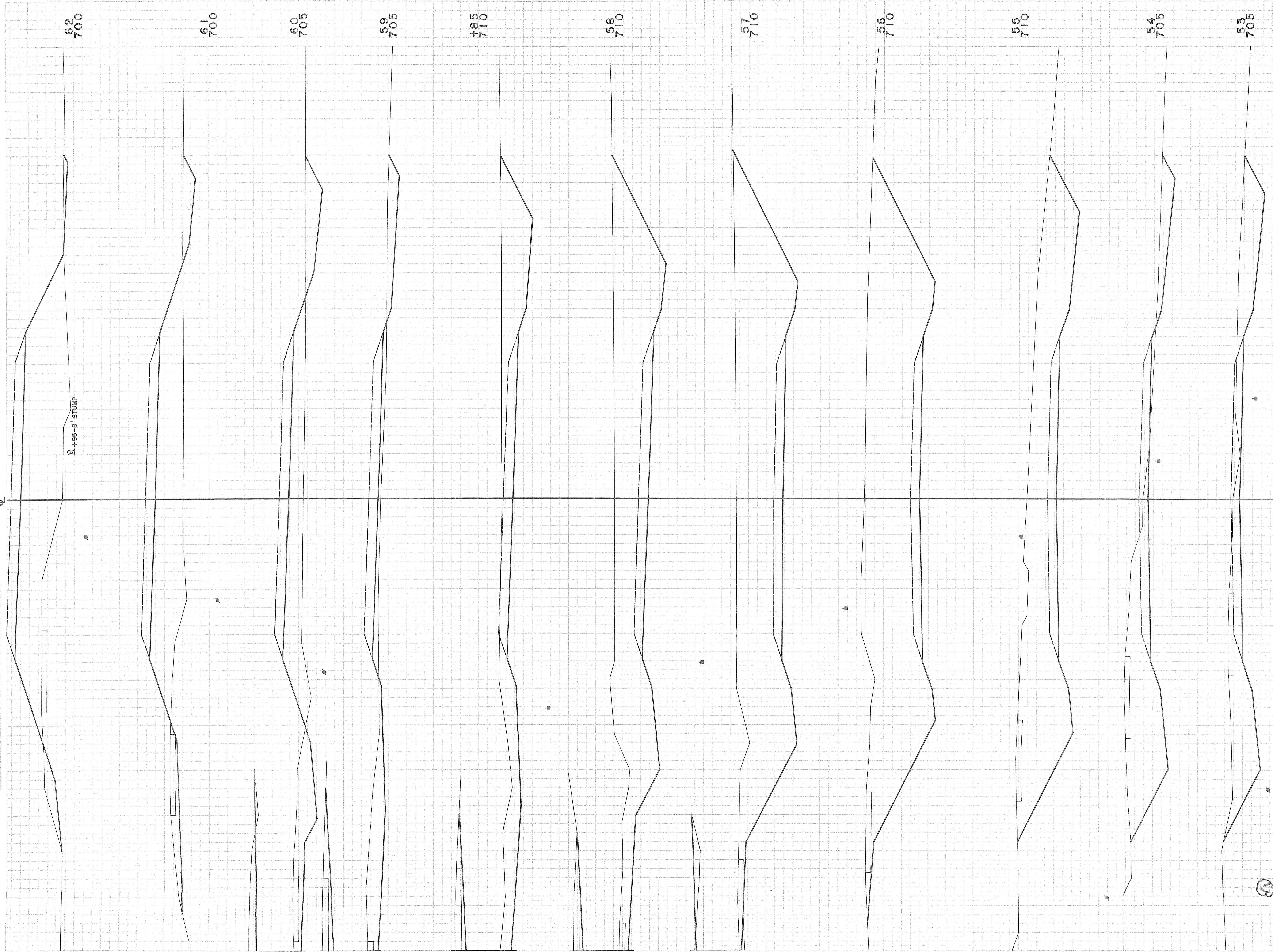
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E O - 0 (20)		

STATION	DISTANCE	YARDAGE	
		UNCL.	FILL
42			
43	126		4
44	254		6
45	185		89
46	94		239
47	48		415
48	22		561
49	57		480
50	89		348
51	72		298
52	100		174
SHEET TOTAL		1,047	2,614

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E. O - 0 (20)		

FINAL SURVEY	BY	DATE
NO. 336		

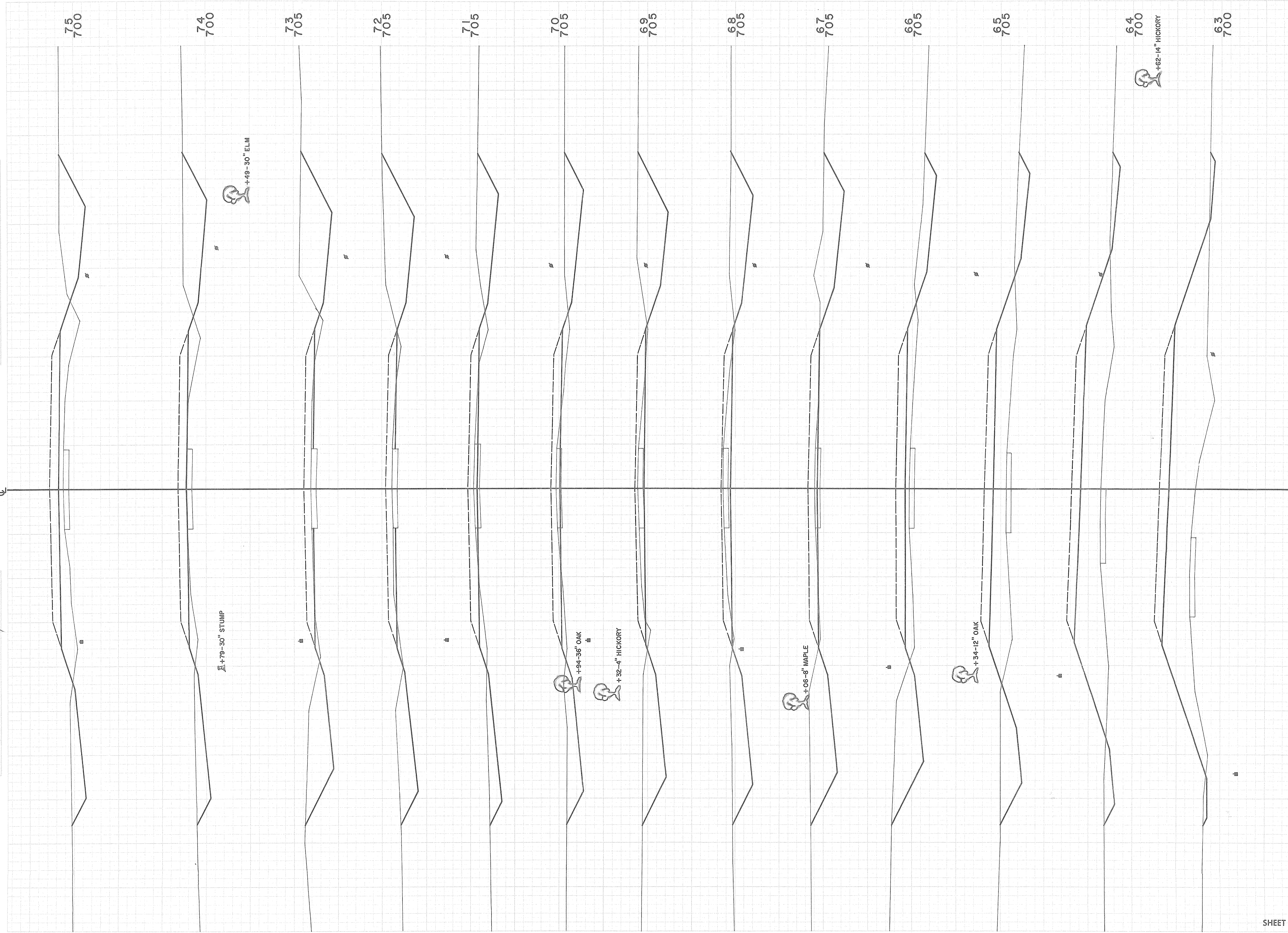
ORIGINAL SURVEY	BY	DATE
NO. 336		



STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL.	FILL
52			
53	270		43
54	417		6
55	700		6
56	1,261		0
57	1,469		0
58	1,213		0
+85	644		0
59	44		4
60	157		159
61	133		372
62	56		573
SHEET TOTAL		6,364	1,163

FINAL SURVEY BY DATE
 REVISIONS
 NO. BY DATE

ORIGINAL SURVEY BY DATE
 C.E.S. - D.H. 12-60
 J.D.O. 1-61
 J.H.F. 2-61
 R.W.Y. 3-61

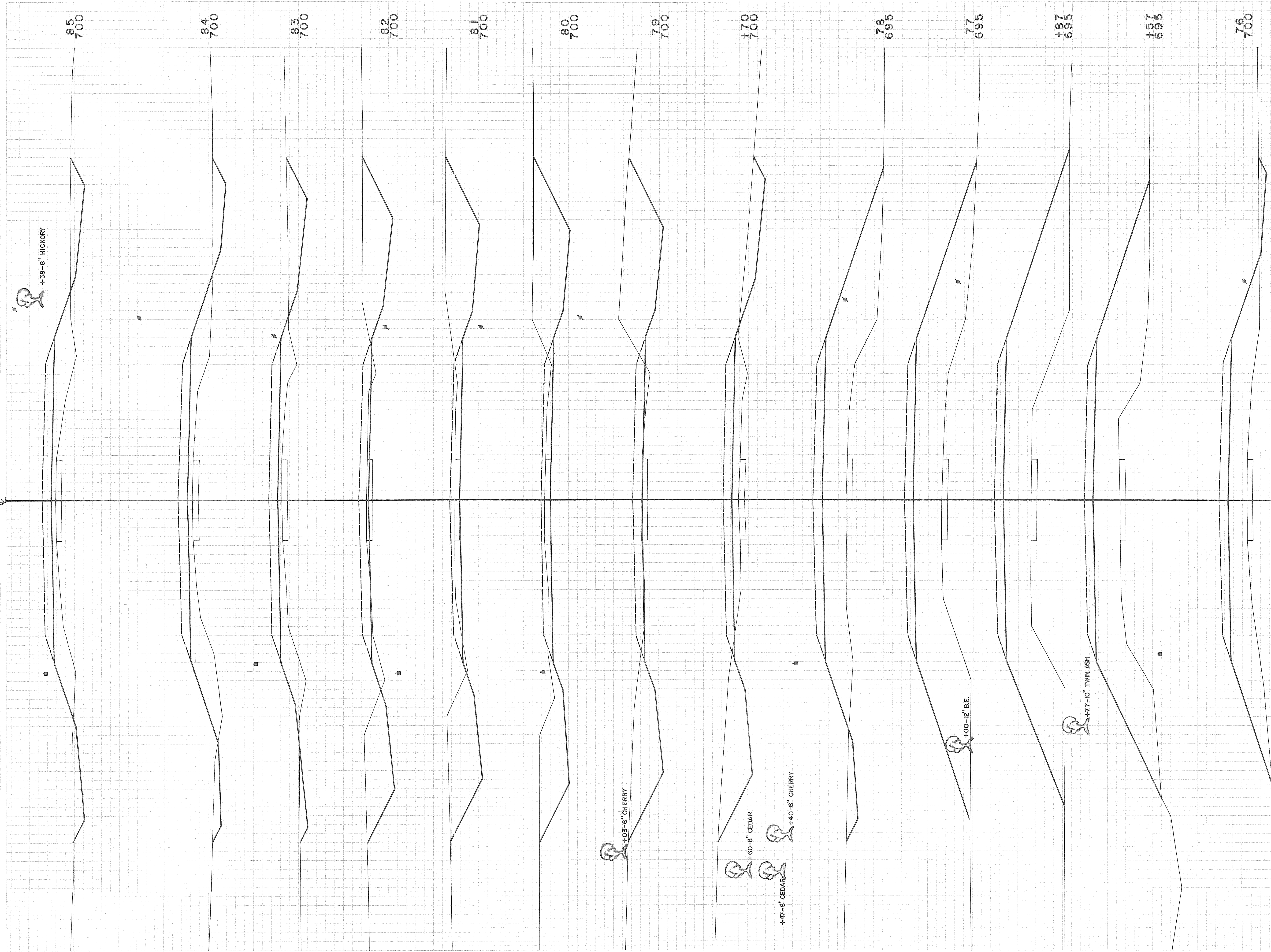


B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E O - 0 (20)		

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
62			
63	26		648
64	32		550
65	94		378
66	172		193
67	239		52
68	274		2
69	287		2
70	233		15
71	163		24
72	211		17
73	276		11
74	233		30
75	165		96
SHEET TOTAL	2,405		2,018

FINAL SURVEY
 DATE: _____
 BY: _____
 CHECKED: _____
 APPROVED: _____
 NO. _____

ORIGINAL SURVEY
 NO. 336
 SURVEYED: _____
 PLOTTED: _____
 CHECKED: _____
 APPROVED: _____
 AREAS CHECKED: _____

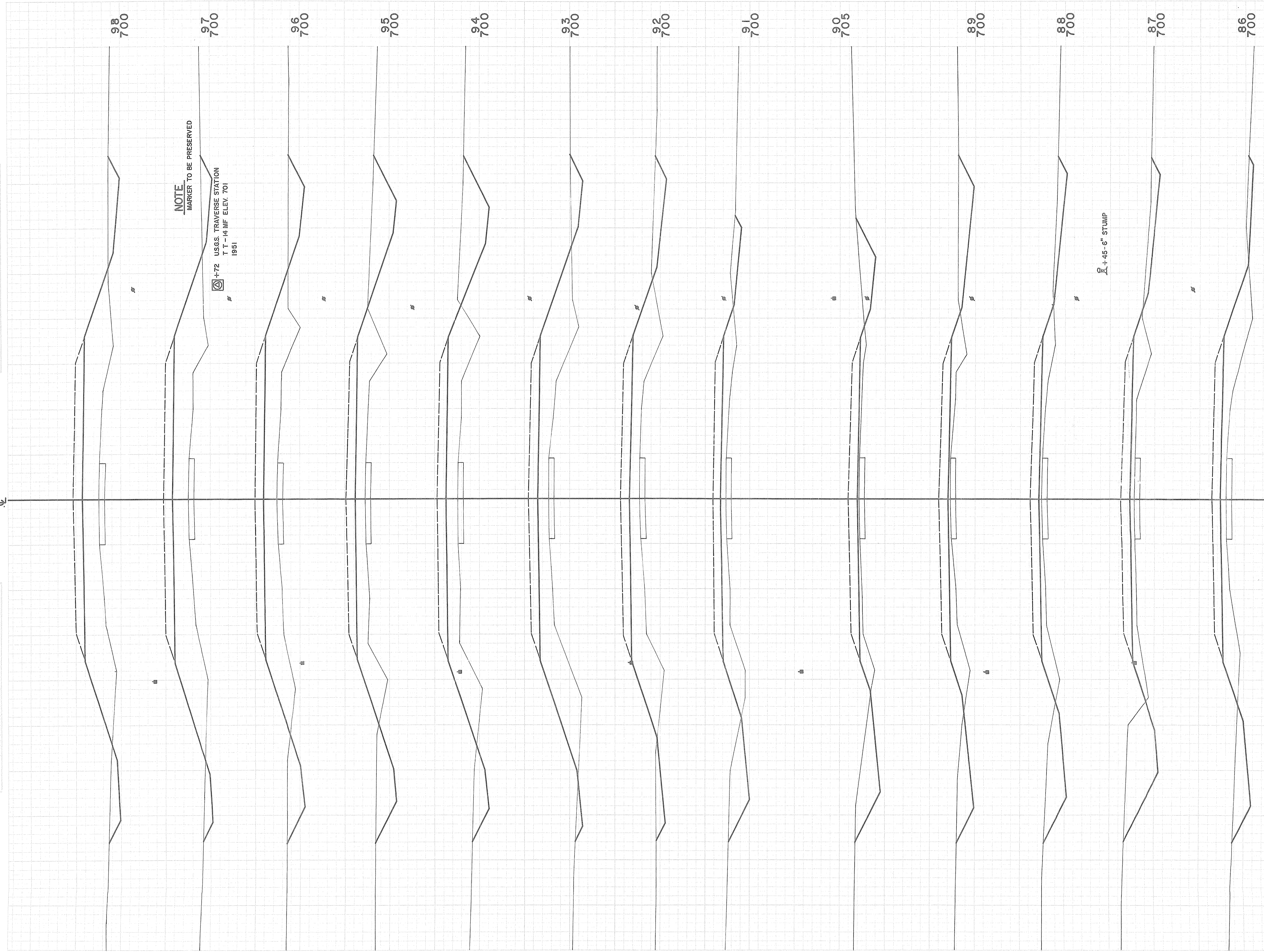


B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E 0-0 (20)		

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
		UNCL.	
75			
	85		294
76			
	6		352
+57			
	0		252
+87			
	0		113
77			
	17		739
78			
	93		250
+70			
	98		17
79			
	415		4
80			
	417		2
81			
	346		13
82			
	194		85
83			
	85		182
84			
	81		200
85			
SHEET TOTAL		1,837	2,503

FINAL SURVEY
 DRAWN BY
 DATE
 CHECKED BY
 DATE

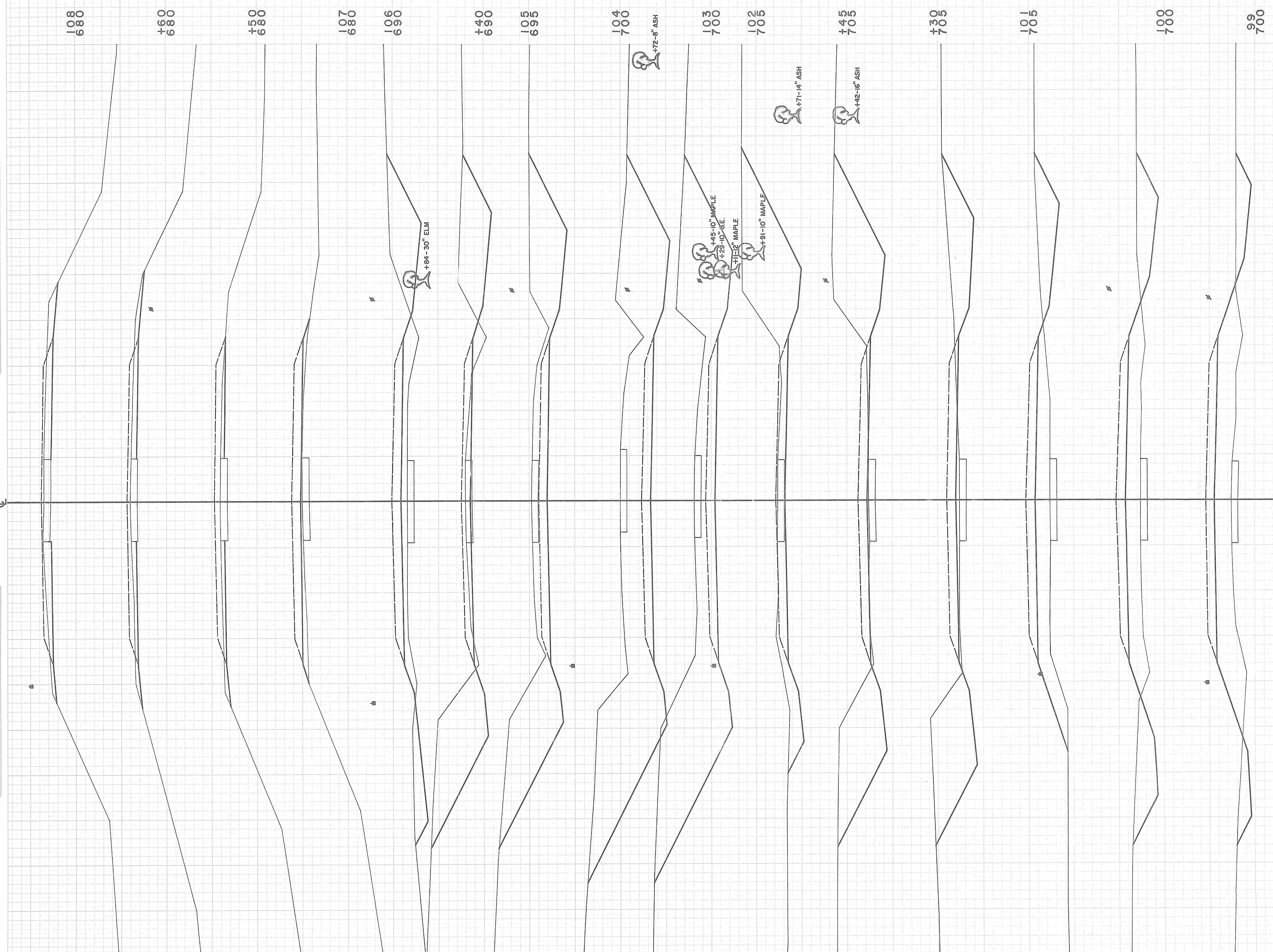
ORIGINAL SURVEY
 DRAWN BY
 DATE
 CHECKED BY
 DATE



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
Wis. 4	E O - 0 (20)		

STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
	UNCL.		
85			
86	96		196
87	133		159
88	161		107
89	130		109
90	122		87
91	118		111
92	89		231
93	52		350
94	96		346
95	156		269
96	128		289
97	74		376
98	57		402
SHEET TOTAL	1,412		3,032

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E 0-0 (20)		



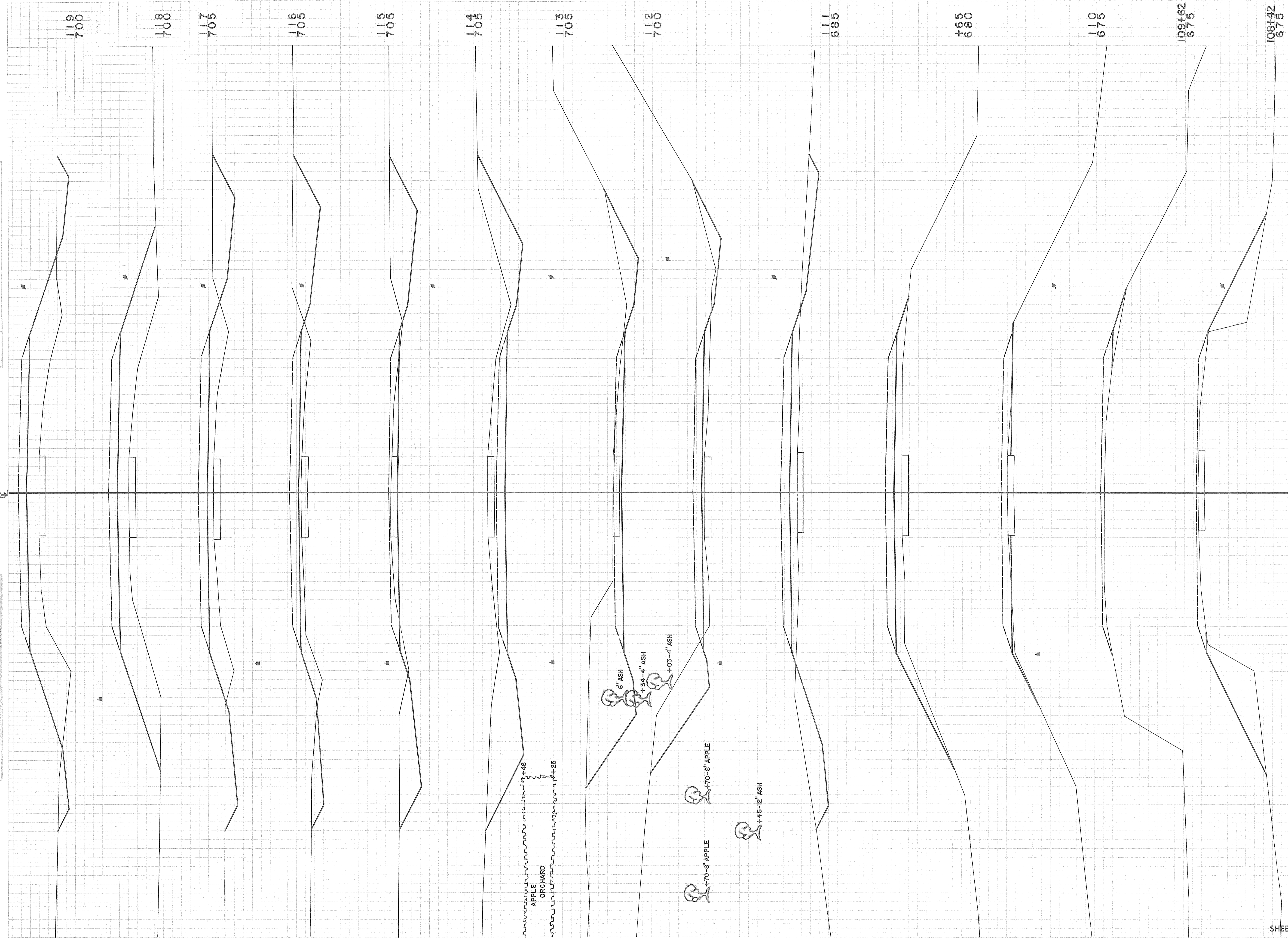
STATION	DISTANCE	YARDAGE	
		EXCAVATION	FILL
98	80		370
99	126		300
100	132		239
101	83		39
+30	72		2
+45	257		0
102	707		0
103	1,019		0
104	856		0
105	211		6
+40	176		43
106	91		78
107	7		11
+50	6		0
+60	30		0
108			
SHEET TOTAL		3,853	1,088

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

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	TEMP. AREAS	
	AREAS CHECKED	

FINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 DATE
 NO. 356

ORIGINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 CHECKED BY
 DATE
 NO. 356

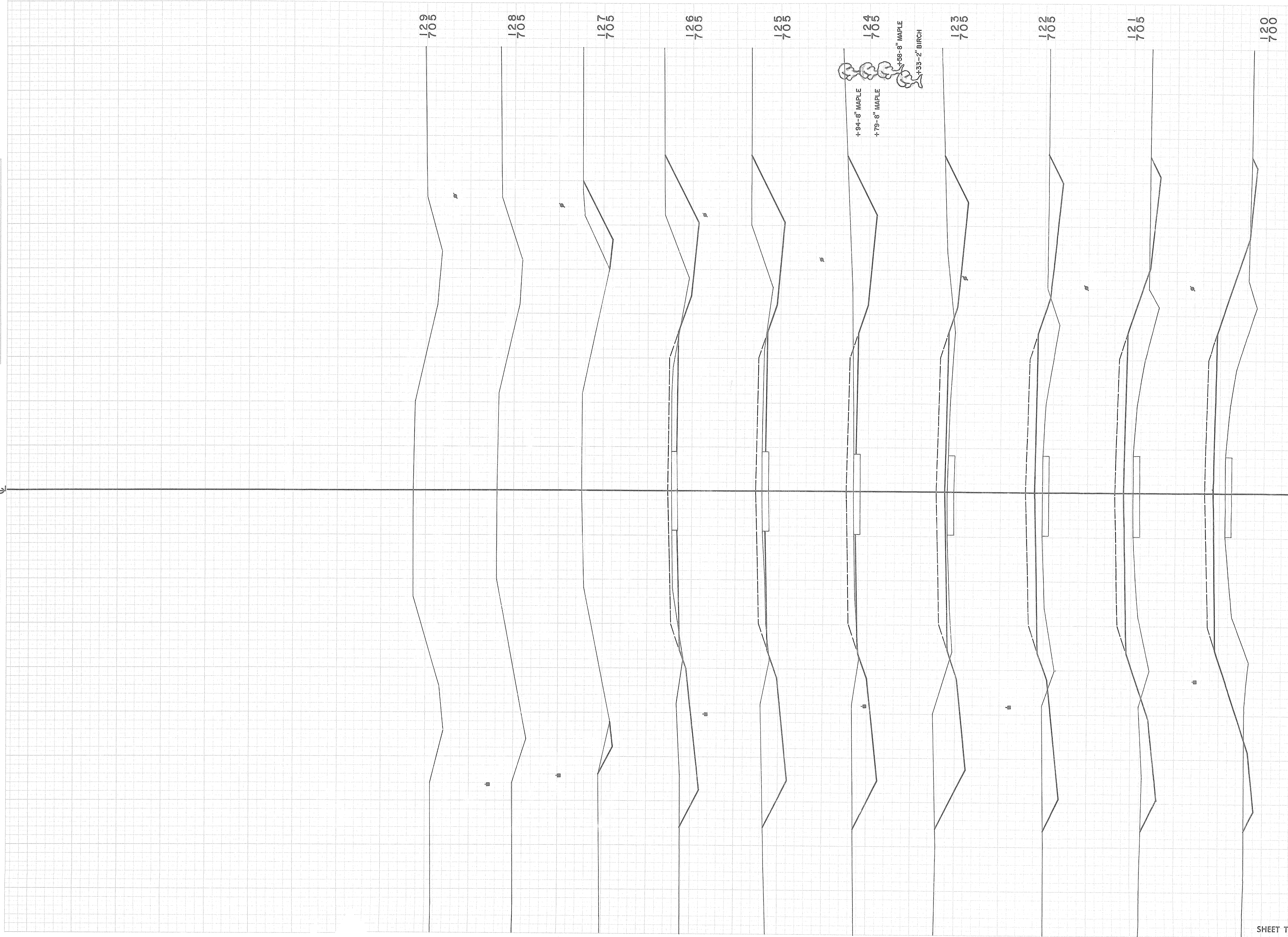


B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
Wis. 4	E O-0 (20)		

STATION	DISTANCE	YARDAGE		
		EXCAVATION		FILL
		UNCL.		
108				
+42	18			44
109	0			17
+62	11			2
110	18			50
+65	26			48
111	213			89
112	393			30
113	513			0
114	391			4
115	222			44
116	165			130
117	76			300
118	30			404
119				
SHEET TOTAL	2,076			1,162

FINAL SURVEY
 SURVEYED BY
 PLOTTED BY
 NOTEBOOK NO.
 AREAS CHECKED

ORIGINAL SURVEY
 DATE 12-30-01
 C.E.S. H.
 J.E.F.
 H.E.G.
 R.W.V.
 NO. 336
 AREAS CHECKED



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	E 0-0 (20)		

STATION	DISTANCE	YARDAGE	
		EXCAVATION	
		UNCL.	FILL
119			
120	48		298
121	65		237
122	107		222
123	193		119
124	283		28
125	296		0
126	267		2
127	213		19
SHEET TOTAL		1,472	925