AID HIGHWAY	AID SECTION	STATE	FEDERAL	REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
37.6	14.0		11.3	4 WIS.	1	98

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

WAUSAU — MERRILL ROAD

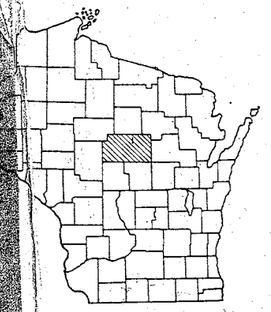
MARATHON COUNTY

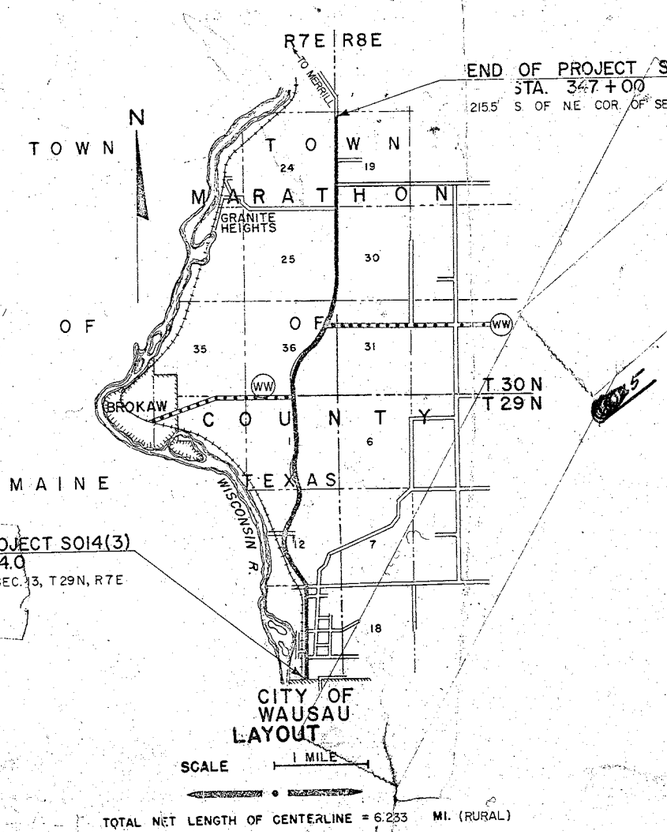
PROJECT S 014(3)

C.T.H. "W"

SCALES { 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.

SHEET NO. 3A-3B MISCELLANEOUS QUANTITIES
SHEET NO. 4-45 RIGHT OF WAY PLAT
SHEET NO. 5-16 PLAN AND PROFILE STA. 10+00 TO STA. 363+36.5
SHEET NO. 17-26 STANDARD DETAILS
SHEET NO. 27-28 DRAINAGE STRUCTURES
SHEET NO. 29-98 CROSS SECTIONS





APPROVED FOR
Marathon County
Date
County Highway Commissioner Title

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR J.J.C. NOTE BOOK 4700 & 47
DIVISION COMPUTER J.W.C. M. O. CHECKER
DISTRICT CHECKER W.J.T. CORRECT

CORRECT:
DATE 4/7/61 DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:
DATE 4/10/61 ENGINEER OF DESIGN

APPROVED:
DATE 4/10/61 STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED:
DATE
DIVISION ENGINEER

CONVENTIONAL SIGNS

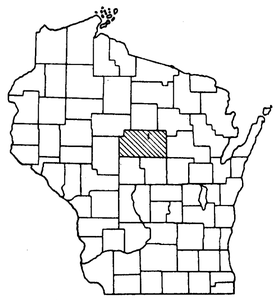
STATE LINE
COUNTY LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
NEW RIGHT OF WAY LINE
EXISTING RIGHT OF WAY LINE
FENCE { WOVEN, BARBED
LOT LINE

CULVERTS IN PLACE
CULVERTS REQUIRED
DROP INLET
POWER POLE
TELEPHONE OR TELEGRAPH POLE
RIGHT OF WAY MARKERS
REFERENCE STAKE FOR HUBS ONLY (+61.7 2.5.9)
MARSH
HEDGE
TREES
GROUND ELEVATION ..... DATUM LINE 739
GRADE ELEVATION ..... DATUM LINE 751.6

COUNTY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT		B.P.R. REGION DIVISION	SHEET NUMBER	TOTAL SHEETS
		STATE	FEDERAL			
37.6	14.0		11.3	4 WIS.	1	

INDEX OF SHEETS

SHEET NO. 1 TITLE
SHEET NO. 2-2A TYPICAL CROSS SECTIONS
SHEET NO. 3 ESTIMATE OF QUANTITIES
SHEET NO. 3A-3B MISCELLANEOUS QUANTITIES
SHEET NO. 4-45 RIGHT OF WAY PLAT
SHEET NO. 5-16 PLAN AND PROFILE STA. 10+00 TO STA. 363+36.5
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

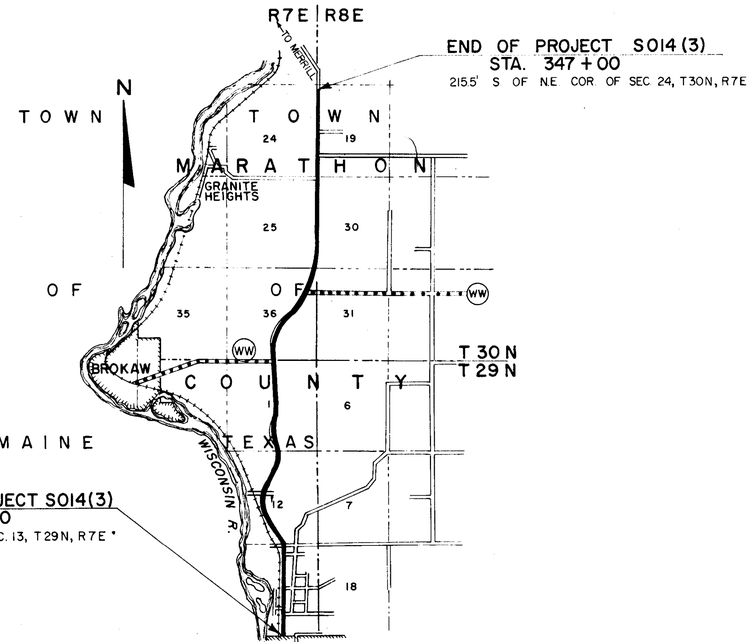
WAUSAU — MERRILL ROAD

MARATHON COUNTY

PROJECT S 014(3)

C.T.H. "W"

SCALES { 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.



TOTAL NET LENGTH OF CENTERLINE = 6.233 MI. (RURAL)

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 / BARBED	REFERENCE STAKE FOR HUBS ONLY +81.7 26.9
LOT LINE	MARSH
CORPORATE OR CITY LIMITS	HEDGE
PROPERTY LINE P.L. + 32.6	TREES
TRAVELED WAY OR P.E.	GROUND ELEVATION DATUM LINE 739
RAILROADS	
BASE OR SURVEY LINE 30	GRADE ELEVATION DATUM LINE 751.6

STATE HIGHWAY
COMMISSION OF WISCONSIN
MADISON, WIS.

SURVEYOR J.J.C. NOTE BOOK 4700 & 4702
DIVISION COMPUTER J.J.C. M. O. CHECKER
DISTRICT CHECKER L.R.T. CORRECT

CORRECT:

DATE DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL:

DATE ENGINEER OF DESIGN

APPROVED:

DATE STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: [redacted]

DATE

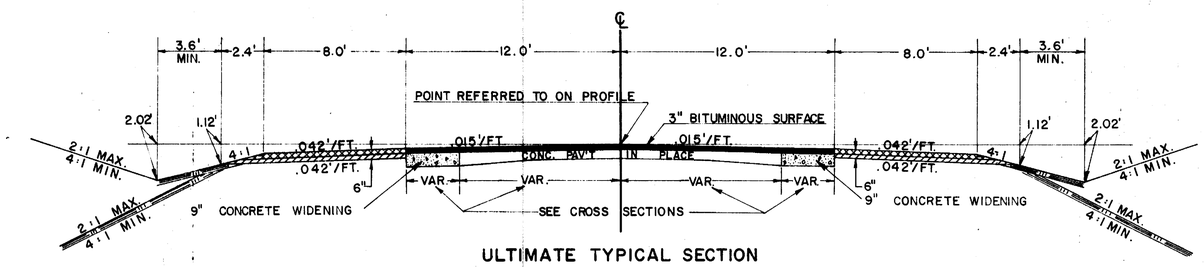
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DIVISION ENGINEER

PROJECT	SHEET NUMBER	TOTAL SHEETS
S014(3)	2	

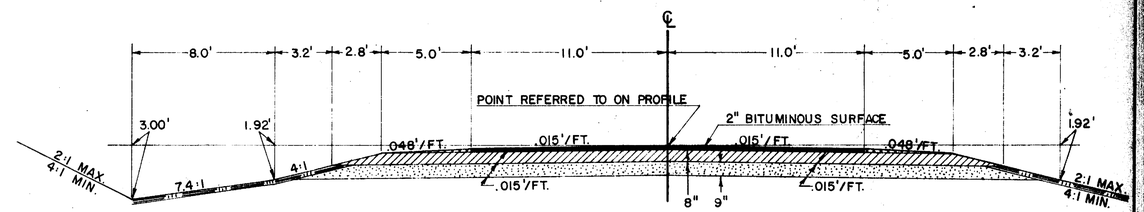
NOTE: WHERE TOPSOIL OR SALVAGED TOPSOIL IS USED ON SLOPES IT IS TO BE PLACED AT THE APPROXIMATE DEPTH OF 3" AT THE TIME OF PLACING.

NOTE: WHEN THE QUANTITY OF THE 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.



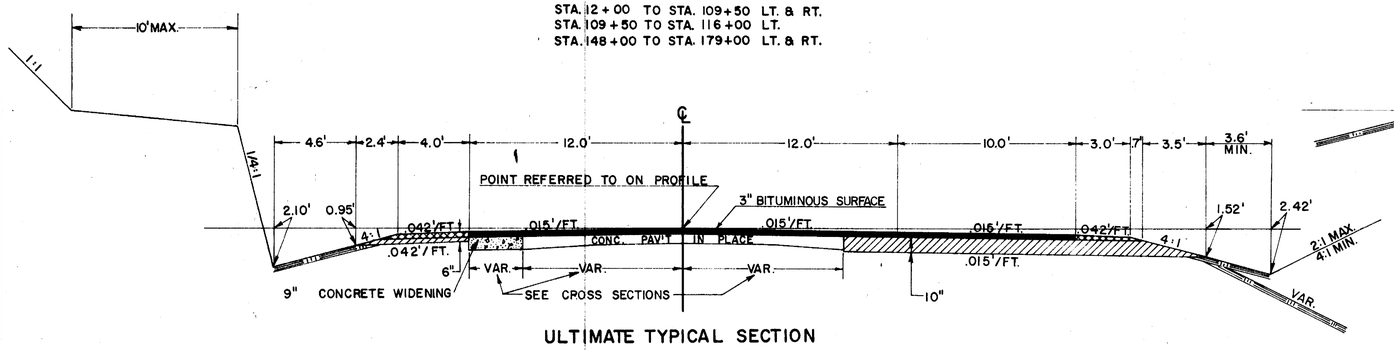
ULTIMATE TYPICAL SECTION

STA. 12+00 TO STA. 109+50 LT. & RT.
STA. 109+50 TO STA. 116+00 LT.
STA. 148+00 TO STA. 179+00 LT. & RT.



ULTIMATE TYPICAL SECTION

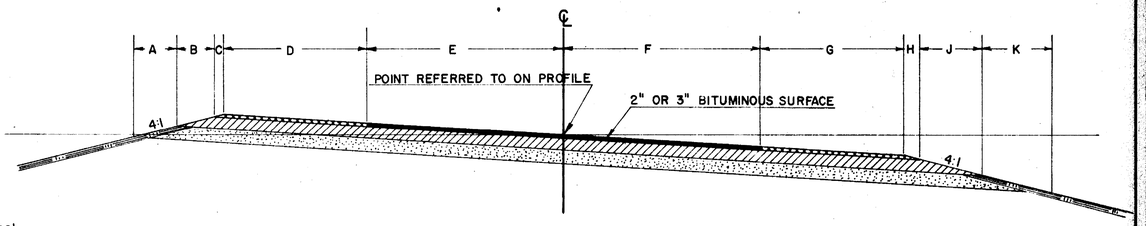
STA. 230+00 TO STA. 350+00 LT. & RT.



ULTIMATE TYPICAL SECTION

STA. 116+00 TO STA. 131+00 LT.
STA. 109+50 TO STA. 131+00 RT.

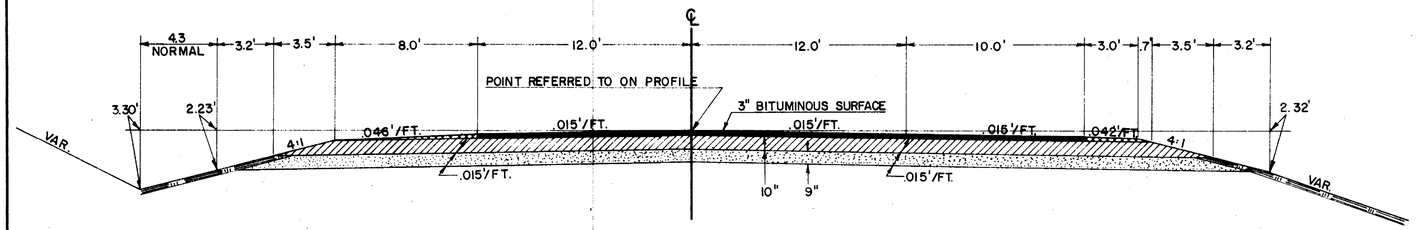
IN ROCK CUT



ULTIMATE TYPICAL SUPERELEVATED SECTION

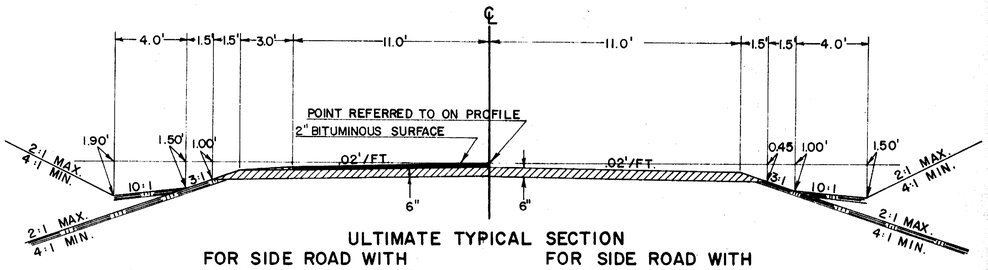
STATION TO STATION	SUPEREL	A	B	C	D	E	F	G	H	J	K	SUBBASE DEPTH	BASE DEPTH
±131 —— ± 137	.06'/FT.	3.9'	4.4'	1.3'	8.0'	12.0'	22.0'	3.0'	0.8'	2.7'	2.4'	9"	10"
±139 —— ± 147	.06'/FT.	2.4'	2.7'	0.8'	8.0'	12.0'	22.0'	3.0'	1.3'	4.4'	3.9'	9"	10"
±192 —— ± 203	.06'/FT.	2.4'	2.2'	0.5'	8.0'	11.0'	11.0'	8.0'	0.9'	3.5'	3.9'	9"	8"
±226 —— ± 230	.05'/FT.	3.8'	3.4'	0.8'	8.0'	11.0'	11.0'	8.0'	0.6'	2.2'	2.5'	9"	8"
±230 —— ± 239	.05'/FT.	3.8'	3.4'	0.8'	5.0'	11.0'	11.0'	5.0'	0.6'	2.2'	2.5'	9"	8"
±250 —— ± 256	.04'/FT.	3.6'	3.2'	0.8'	5.0'	11.0'	11.0'	5.0'	0.6'	2.3'	2.6'	9"	8"

NOTE: 175' TRANSITION LENGTH, 2/3 OF WHICH SHALL BE ON THE TANGENT APPROACH AND 1/3 WITHIN THE CURVE.

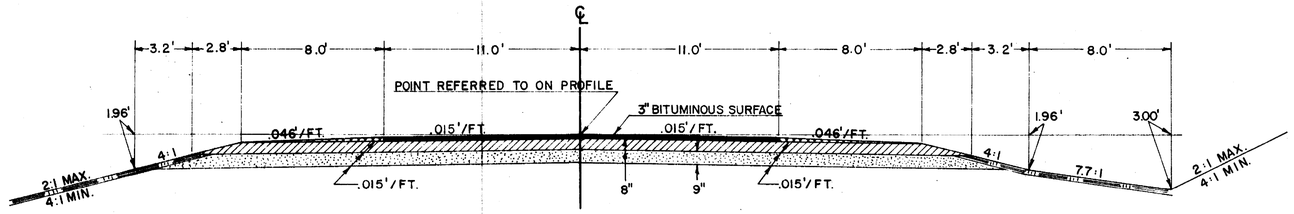


ULTIMATE TYPICAL SECTION

STA. 131+00 TO STA. 148+00 LT. & RT.



ULTIMATE TYPICAL SECTION
FOR SIDE ROAD WITH
BITUMINOUS SURFICE



ULTIMATE TYPICAL SECTION

STA. 179+00 TO STA. 230+00 LT. & RT.
STA. 179+00 TO STA. 184+00 SEE CROSS SECTIONS

NOTE: ITEM OF TOPSOIL ESTIMATED TO BE USED ON SLOPES
STA. 12+00 TO STA. 85+00 ONLY.
OTHER TOPSOILED SLOPES COVERED WITH SALVAGED TOPSOIL.

ULTIMATE TYPICAL SECTION
FOR SIDE ROAD WITH
GRAVEL SURFACE

LEGEND

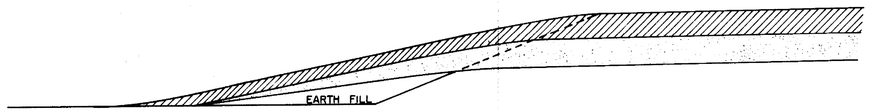
- BITUMINOUS SURFACE
- CONCRETE BASE COURSE WIDENING
- GRAVEL OR CRUSHED STONE BASE COURSE (SHOULDERS)
- GRAVEL OR CRUSHED STONE BASE COURSE
- GRANULAR SUBBASE COURSE
- TOPSOIL OR SALVAGED TOPSOIL, FERTILIZE AND SEED
  - STA. 12 TO STA. 85 LT. & RT.
  - STA. 161 TO STA. 168 LT.
  - STA. 176 TO STA. 186 LT.
  - STA. 193 TO STA. 197 LT.
  - STA. 231 TO STA. 236 LT.

  } ALL EXPOSED SLOPES TO BE TOPSOILED OR SALVAGED TOPSOILED, FERTILIZED AND SEEDED

ALL OTHER SLOPES TO BE SALVAGE TOPSOILED, FERTILIZED, AND SEEDED AS SHOWN ON TYPICAL SECTIONS.

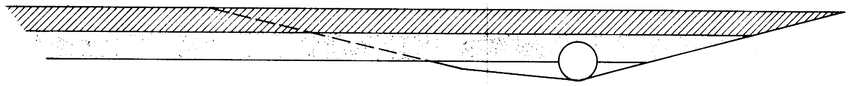
TYPICAL CROSS SECTION FOR 40' ROADWAY & 32' ROADWAY & CLIMBING LANE

PROJECT	SHEET NUMBER	TOTAL SHEETS
S014 (3)	2.1	



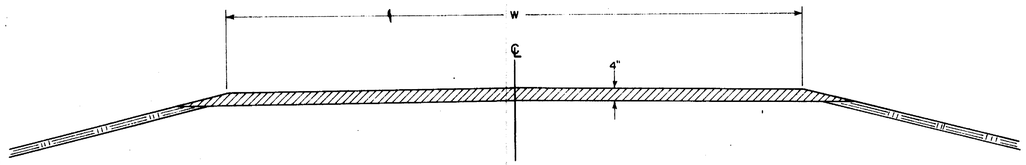
PROFILE OF SIDE ROADS & PRIVATE ENTRANCES IN FILL

SHOWING GRANULAR SUBBASE RUNOUT



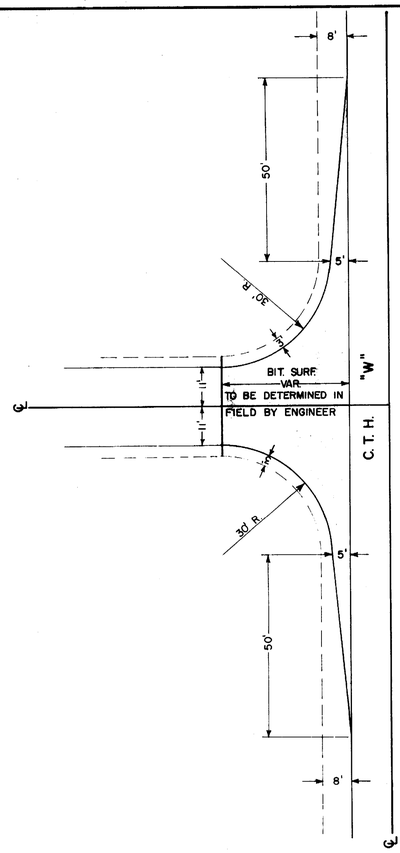
PROFILE OF SIDE ROADS & PRIVATE ENTRANCES IN CUT

SHOWING GRANULAR SUBBASE RUNOUT



W = 16' OR 30' EXCEPT AS OTHERWISE SHOWN ON PLANS

TYPICAL SECTION FOR PRIVATE ENTRANCES



SIDE ROAD INTERSECTION DETAILS

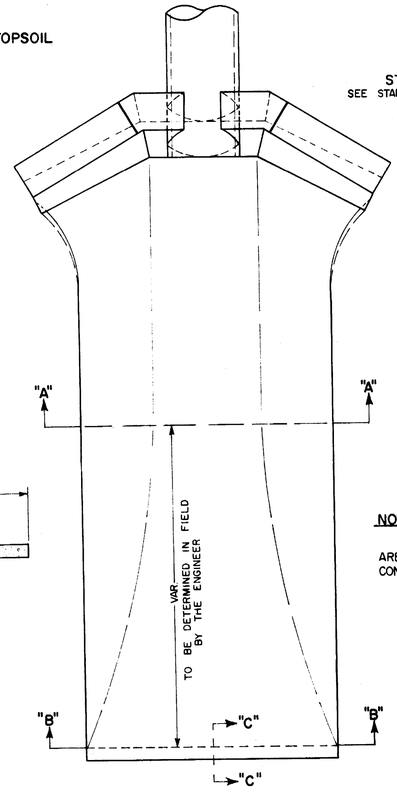
STA. 17 + 54 TO 80 + 00

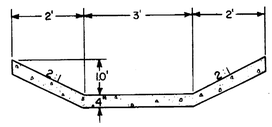
LEGEND

- GRAVEL OR CRUSHED STONE BASE COURSE
- GRANULAR SUBBASE COURSE
- P.C. CONCRETE
- 3" SALVAGED TOPSOIL

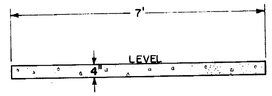
STANDARD CULVERT ENDWALL

SEE STANDARD DETAIL DRAWING PLATE NO. 6-24.2





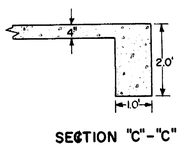
SECTION "A"-"A"



SECTION "B"-"B"

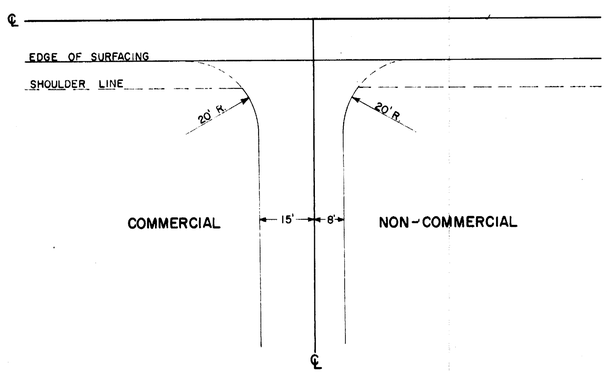
NOTE:

PAYMENT FOR QUANTITIES IN CUTOFF WALL ARE TO BE INCLUDED IN THE PRICE OF CONCRETE SLOPE PAVING.

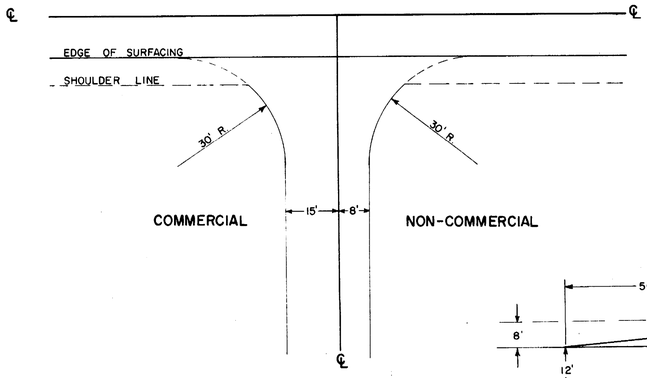


SECTION "C"-"C"

CONCRETE SLOPE PAVING



STA. 17 + 54 TO STA. 85 + 00

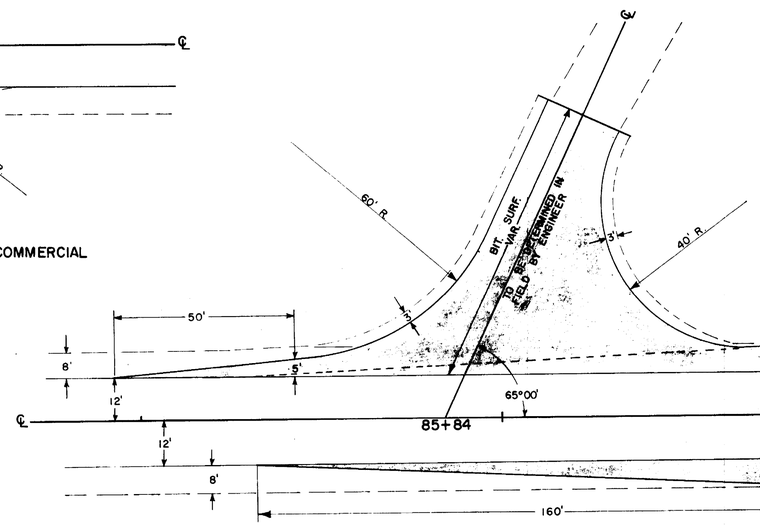


STA. 85 + 00 TO STA. 347 + 00

TYPICAL PLANS FOR PRIVATE ENTRANCES

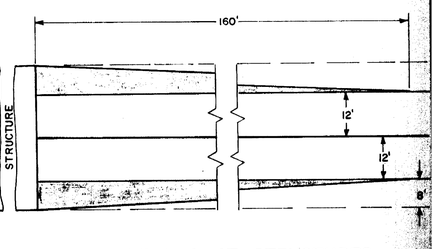
APPLICABLE STANDARD DETAIL DRAWINGS

1-3.1.1	DETAILS OF PRIVATE ENTRANCE AND SIDE ROAD APPROACHES
1-4.1.1	OBLITERATING OLD ROAD
6-24.2	MORTAR RUBBLE MASONRY OR RIPRAP FOR CULVERT & CATTLE PASS END -WALLS
6-25.1	RIPRAP AT SIDE ROAD CULVERTS & RIPRAP OR SOD AT PRIVATE ENTRANCE CULVERTS
6-53.1	STRUCTURAL PLATE PIPE ARCH & CORR. METAL PIPE ARCH
7-1.3.3	MARKER POSTS & MARKER POSTS FOR RIGHT OF WAY
7-24.7	STEEL PLATE BEAM GUARD & STEEL BEAM MEDIAN GUARD
7-4.1.2	CONSTRUCTION BARRICADE
8-1.3.1	DITCH CHECKS, MORTAR RUBBLE MASONRY & SOD
9-1.1.3	DESIGN AND LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS



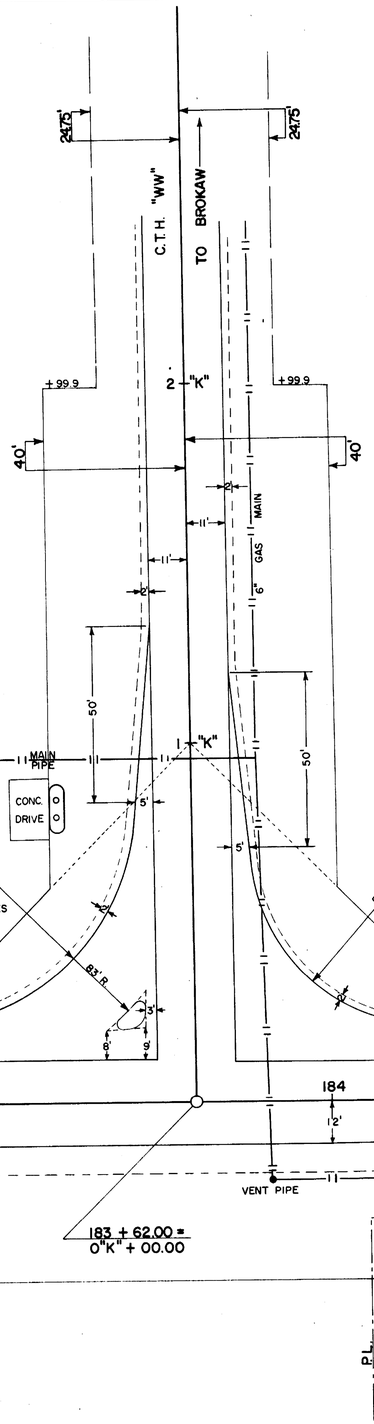
INTERSECTION AND TAPER DETAILS

STA. 85 + 84



TAPER DETAILS AT STRUCTURES

PROJECT	SHEET NUMBER	TOTAL SHEETS
S014(3)	2.2	



INTERSECTION DETAILS AT C.T.H. "WW" WESTBOUND

GENERAL NOTES:

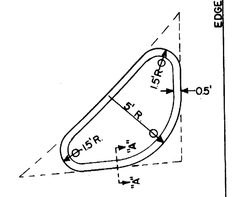
DETAILS OF CONSTRUCTION AND MATERIALS NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS SECTIONS 2301 & 2521, AND THE APPLICABLE SPECIAL PROVISIONS.

JOINTS

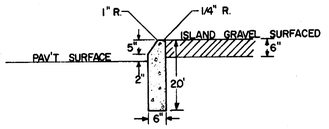
JOINTS IN CONCRETE CURB SHALL NOT BE SEALED.

CONCRETE:

CONCRETE SHALL BE GRADE "AA" IN ACCORD WITH THE STANDARD SPECIFICATIONS SECTION 2405



ISLAND DETAILS



SECTION "A"-"A"

CONCRETE CURB TYPE "J"

PROJECT	SHEET NUMBER	TOTAL SHEETS
S014 (3)	2.3	

GENERAL NOTES:

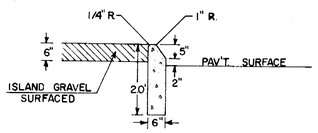
DETAILS OF CONSTRUCTION AND MATERIALS NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS SECTIONS 2301 & 2521, AND THE APPLICABLE SPECIAL PROVISIONS.

JOINTS

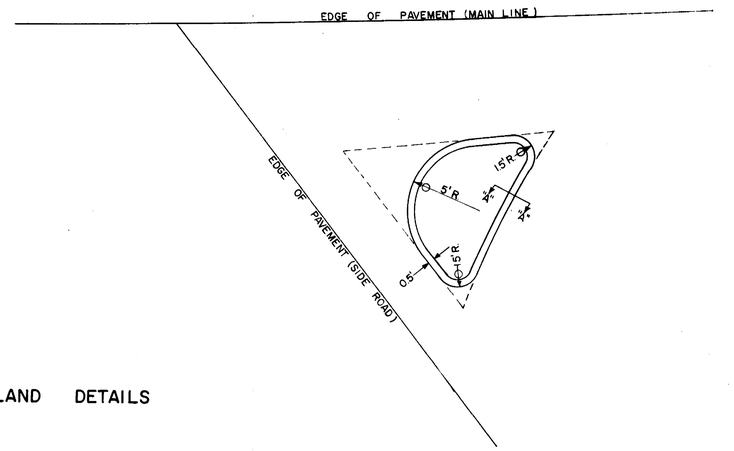
JOINTS IN CONCRETE CURB SHALL NOT BE SEALED.

CONCRETE:

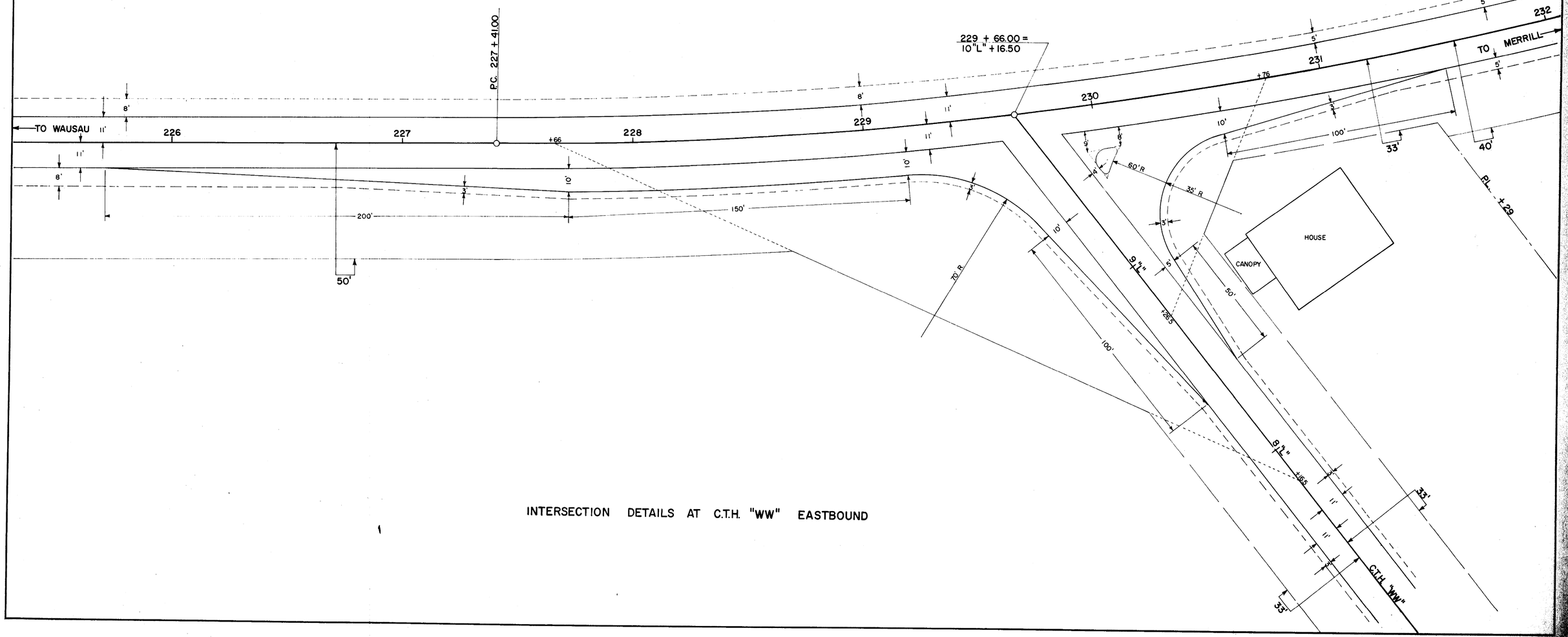
CONCRETE SHALL BE GRADE "AA" IN ACCORD WITH THE STANDARD SPECIFICATIONS SECTION 2405.



SECTION "A"—"A"
CONCRETE CURB TYPE "J"

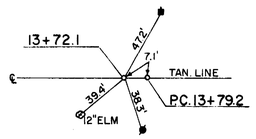


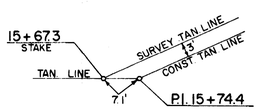
ISLAND DETAILS

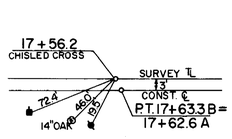


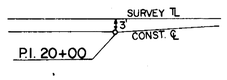
INTERSECTION DETAILS AT C.T.H. "WW" EASTBOUND

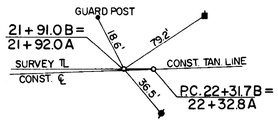
PROJECT	SHEET NUMBER	TOTAL SHEETS
S014(3)	2.4	

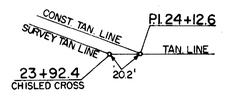


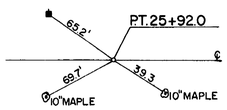


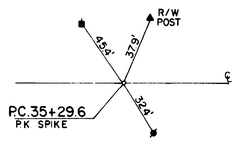


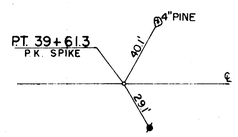


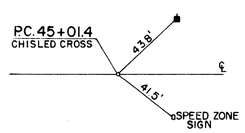


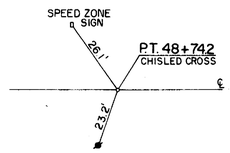


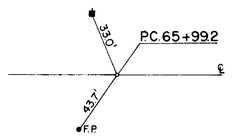


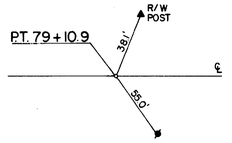


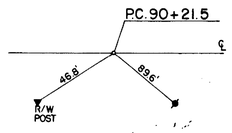


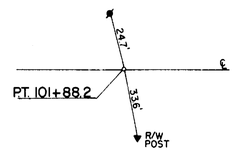


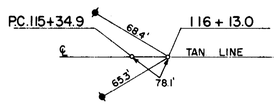


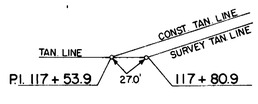


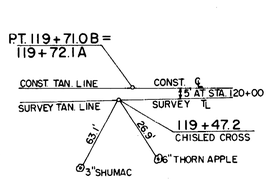


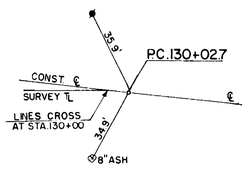


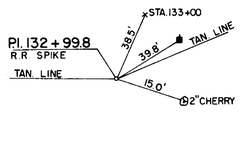


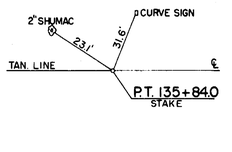


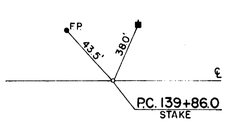


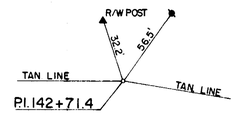


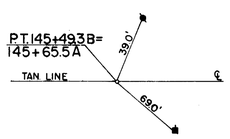


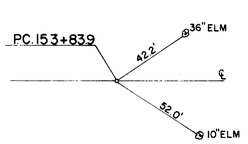


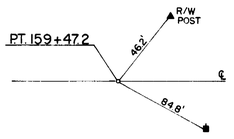


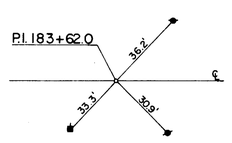


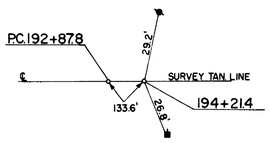


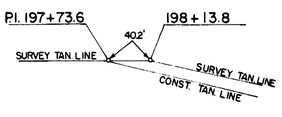


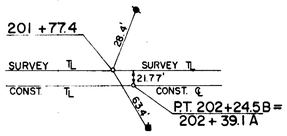


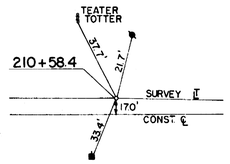


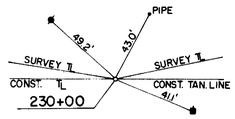


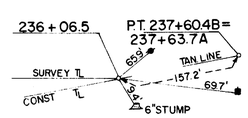


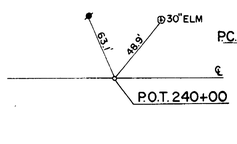


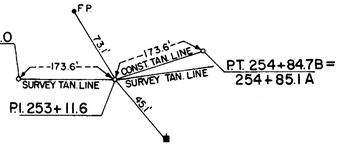


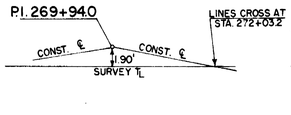


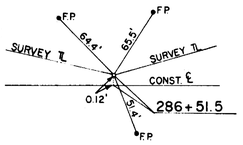


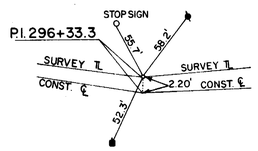


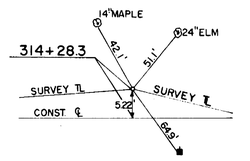


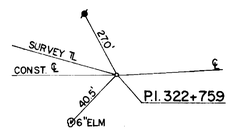


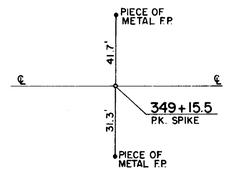












CENTERLINE REFERENCE TIES

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014 (3)	5	

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
1	7+89	ARROWHEAD ON HYDRANT 23' RT	1202.87
2	10+00	KEEL ARROW ON N.W. COR. BRIDGE 23' LT.	1197.08
3	19'+78	P.K. SPIKE IN POWER POLE 19' LT.	1212.41
4	29+77	KEEL+ON S.W. COR. OF CONC. SLAB 25' RT.	122166
5	38+73	P.K. SPIKE IN TELEGRAPH POLE 82' LT.	1210.88

N

TO WAUSAU

33'

WATER

MAIN

RIVERVIEW COURT

JIM MOORE CREEK

11+43.8 = 10A+00

N 24° 40' E

P.I. 15+74.2
Δ 24° 58'
D 6° 30' LT.
T 195.2'
L 384.1'
R 881.5'
S.E. 0.06'/FT.

P.C. 13+79.2

P.I. 15+74.4

CITY OF WAUSAU

CORPORATE LIMITS

PT. 17+633 BACK = 17+62.6 AHEAD

EQUATION

P.I. 18+00

+54.0

BEGIN PROJECT S 014 (3)
STA. 17+54.0

P.I. 20+00.0

21+66

BERRY BUSHES

P.I. 24+12.6

P.C. 22+31.7 BACK = 22+32.8 AHEAD

EQUATION

P.I. 24+12.6
Δ 7° 11'
D 2° 00' LT.
T 179.8'
L 359.2'
R 2865.0'
S.E. 0.025'/FT.

P.T. 25+92.0

M. ST. P. & P. RR

N0° 18' W

179° 11'

N1° 07' W

N 8° 18' W

30+70.0 = 10B+00

FOR SIDE ROAD INTERSECTION DETAILS SEE SHEET 2.1

ROOT BEER STAND

NIGHT CLUB

TAV.

LAMP

DRY WELL

GOLF CLUB RD.

29+60

8"B"

P.C. 35+29.6

P.I. 37+46.4

RIVERVIEW DR.

38+18.0 = 10C+00

P.T. 39+61.3

WELL

P.I. 37+46.4
Δ 12° 57'
D 3° 00' RT.
T 216.8'
L 431.7'
R 1910.0'
S.E. 0.03'/FT.

NET LENGTH OF CENTERLINE STA. 17+54.0 TO STA. 40+00 = 2,245.6 LIN. FT.

STA. 12+00 TO STA. 17+54.0
APPROACH TO PROJECT

QUANTITIES ARE INCLUDED IN QUANTITIES SHOWN AHEAD

COM.	918	CU. YD.
B	3,355	CU. YD.
F	3,050	CU. YD.
SHR.	40 %	

PLAN LEGEND

L.H.E. LIMITED HIGHWAY EASEMENT
C.M.P.A. CORRUGATED METAL PIPE ARCH
DRWG. DRAWING
F.P. FENCE POST

STA. 38+18.0 = 10'C'+00

STA. 11'C'+03.2
TOP OF NEAR RAIL
EL. 1210.00

12.0
14.45
15.75
10"C"

DITCH GRADE RT.

STA. 38+41.5
REMOVE 1-18" X 43' R.C.C.P.
1-24" X 56' C.P. REQ'D.

100.7'

96.9'

1230 1220 1210 1200 1190 1180

10 1 2 3 4 15 6 7 8 9 20 1 2 3 4 25 6 7 8 9 30 1 2 3 4 35 6 7 8 9 40

+54 +00

99.80 01.40 03.40 05.60 07.85 09.80 11.60 13.45 15.20 16.80 17.95 18.70 19.20 19.50 19.80 20.15 20.40 20.30 19.95 19.20 18.05 16.80 15.75 15.00 14.65 14.45 14.45 14.50

PLATE I—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

PLAN

DATE	BY	
11/60	J.J.C.	SURVEYED
2/61	F.C.C.	PLOTTED
3/61	F.C.C.	DRAWN
3/61	J.J.C.	ALIGNMENT CHECKED
		R/W OR WAY CHECKED

NOTE BOOK
NO. 4700

PROFILE

DATE	BY	
11/60	J.J.C.	SURVEYED
3/61	F.C.C.	PLOTTED
3/61	F.C.C.	DRAWN
3/61	J.J.C.	ELEVATIONS CHECKED
		B.M.'S NOTED
		STRUCTURE ROTATIONS CHKD.

NOTE BOOK
NO. L.L.

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014 (3)	6	

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
6	47+34	KEEL+ ON GAS PUMP ISLAND 40 LT.	1219.80
7	57+16	KEEL MARK ON COR. OF 2ND STEP 62 LT.	1225.15
8	66+51	S.W. COR. OF PLANTER 71.5 RT.	1227.92

N

RIVERVIEW DR.

M. ST. P. & P. RR

P.I. 46+88.4
Δ 11° 11'
D 3° 00' LT.
T 187.0'
L 372.8'
R 1910.0'
S.E. 0.03'/FT.

44+07.0 = 10 D + 00

P.C. 45+01.4

P.T. 48+74.2

60+55.0 = 10 DD + 00

63+89.0 = 10 E + 00

P.C. 65+99.2

67+42.0 = 10 F + 00

70+50.0 = 10 G + 00

12" G"

N 4° 39' E

N 6° 32' W

RADIO REPAIR SHOP

SHOP

STA.

GAS PUMPS

ABANDON STA

LUMBER YARD OFFICE

STORAGE BLDG.

SIGNS

SIGN

DRIVE WAY

DRIVE WAY

P.T. 39+61.3

P.I. 46+88.4

MARQUART RD. 8" D"

HIGHT CLUB

BLOCK 2

BLOCK 1

WOODLAWN RD. 8" DD"

MAPLE HILL RD. 8" E"

MEADOW RD. 8" F"

EVERGREEN RD. 8" G"

WM. GAULKES SUBDIVISION

NOTE: FOR SIDE ROAD INTERSECTION DETAILS SEE SHEET 2.1

PLAN	
NOTE BOOK	
NO. 4 100	
SURVEYED	
PLOTTED	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	

BY	DATE
J.J.C.	12/60
F.C.S.	2/61
E.J.S.	3/61
J.J.C.	3/61

NET LENGTH OF CENTERLINE STA. 40+00 TO STA. 70+00 = 3,000.0 LIN. FT.

COM. 1,792 CU. YD.
B 560 CU. YD.
F 1,681 CU. YD.
SHG. 40 %

+00

DITCH GRADE RT.

DITCH GRADE RT.

PROFILE	
NOTE BOOK	
NO. L.L.	
SURVEYED	
PLOTTED	
GRADES CHECKED	
B. M.'S NOTED	
STRUCTURE NOTATNS CH'KD.	

BY	DATE
J.J.C.	12/60
F.C.S.	2/61
E.J.S.	3/61
J.J.C.	3/61

1250 1240 1230 1220 1210 1200

114.50 114.95 115.50 117.15 118.40 119.30 120.00 120.45 121.10 121.85 122.15 122.50 122.75 123.10 123.55 123.80 123.90 124.05 124.25 124.50 124.75 124.80 124.80 124.80 124.80 125.00 125.20 125.40 125.50 125.30 124.60

40 1 2 3 4 45 6 7 8 9 50 1 2 3 4 55 6 7 8 9 60 1 2 3 4 65 6 7 8 9 70

PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	7	

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
9	71+58	KEEL ARROW ON NEAR COR. OF CONC. BASE OF STONE WALL 35' RT.	1224.56
10	80+04	KEEL+ ON COR. OF CONC. DRIVEWAY 60' LT.	1216.38
11	88+71	KEEL MARK ON COR. OF STEP 59' RT.	1217.46
12	96+17	P.K. SPIKE IN TELEPHONE POLE 100' LT.	1208.60

MIL. ST. P. & P. RR

RESTLAWN SUBDIVISION

P.I. 72+66.8
Δ 26° 14'
D 2° 00' LT.
T 667.6'
L 1311.7'
R 2865.0'
S.E. 0.04'/FT.

WISCONSIN PUB. SERVICE CORP.

JOSEPH SUDUT

GEORGE LUEDTKE

70+50.0 = 0+00 G

85+84.0 10 H +00

P.I. 96+61.1

P.I. 79+10.9

P.I. 72+66.8

EVERGREEN RD.

GOETSCH RD.

WILBUR A. KRUEGER

RUSSELL A. ANKLAM

HARRY C. HOLWLAND JR.

KENNETH L. POPPE

WALDEMAR W. LUEDTKE

L.C. SLAVEN'S

P.I. 96+61.1
Δ 58° 20'
D 5° 00' RT.
T 639.6'
L 1166.7'
R 1148.0'
S.E. 0.06'/FT.

P.T. 101+88.2

N 32° 46' W

N 25° 38' E

PASTURE

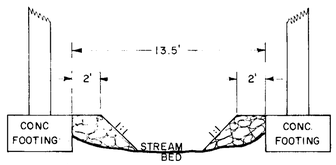
WOODS

STA. 75+56.5
26' RT. CATCH BASIN
IN PLACE & TO REMAIN

RESTLAWN CEMETERY

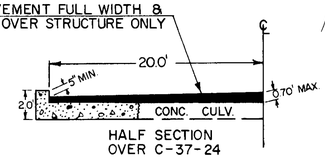
6" DISCH. TILE

NOTE: FLOOR DRAINS IN EXISTING STRUCTURE ARE TO BE PLUGGED (NOT A PAY ITEM)



FOR DETAIL OF INTERSECTION SEE SHEET 2.1

BIT. PAVEMENT FULL WIDTH & FULL DEPTH OVER STRUCTURE ONLY



HALF SECTION OVER C-37-24

NET LENGTH OF CENTERLINE STA. 70+00 TO STA. 100+00 = 3,000.0 LIN. FT.

RIPRAP PROTECTION AT STRUCTURE STA. 84+65.6

COM. 1,288 CU. YD.
B 1,615 CU. YD.
F 2,074 CU. YD.
SHG. 40%

COM 686 CU. YD.
B 2,155 CU. YD.
F 2,027 CU. YD.
SHG. 40%

STA. 84+65.6 C-37-24
18' SPAN REINF. CONC. CULV. REQ'D
SEE DRWG. X 23018

DITCH GRADE RT.

STA. 98+00
1-30" X 62' R.C.C.P. IN PLACE
EXTEND 4' I.T.

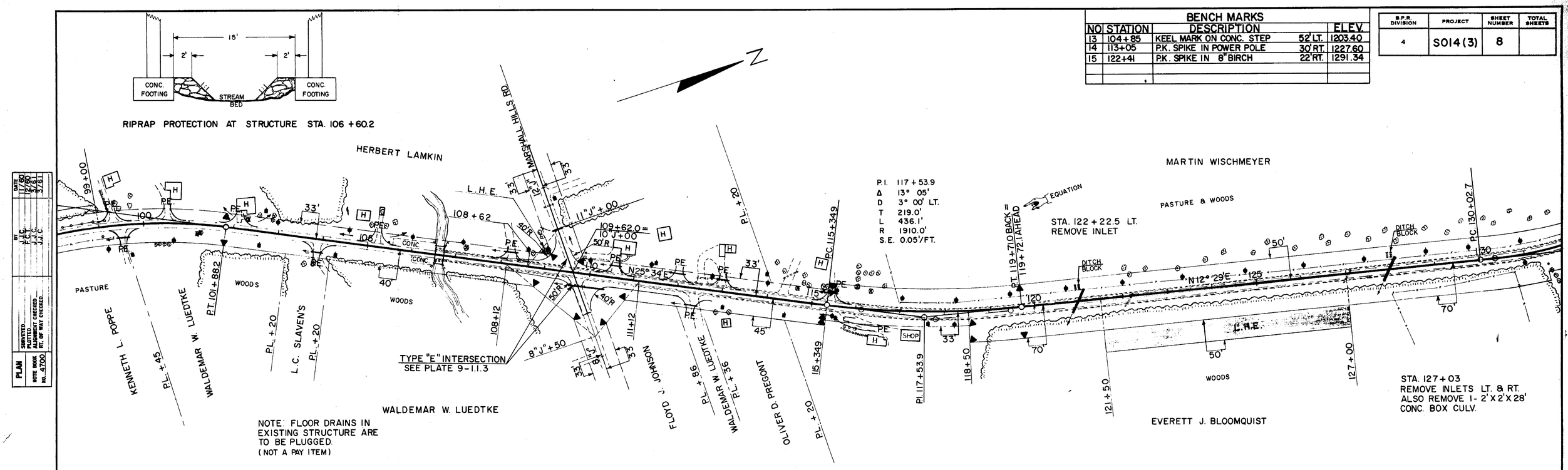
PLATE I—PLAN-PROFILE B. P. R. STANDARD
THE FREDRICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	8	

BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
13	104+85	KEEL MARK ON CONC. STEP	52' LT.	1203.40
14	113+05	P.K. SPIKE IN POWER POLE	30' RT.	1227.60
15	122+41	P.K. SPIKE IN 8" BIRCH	22' RT.	1291.34

RIPRAP PROTECTION AT STRUCTURE STA. 106 + 60.2



NET LENGTH OF CENTERLINE STA. 100 + 00 TO STA. 130 + 00 = 2,998.9 LIN. FT.

COM.	4,773	CU. YD.
ROCK	2,765	CU. YD.
F	1,534	CU. YD.
SHG.	40%	
F	4,849	CU. YD.
SHG.	35%	
ROCK EXPANSION FACTOR 5%		

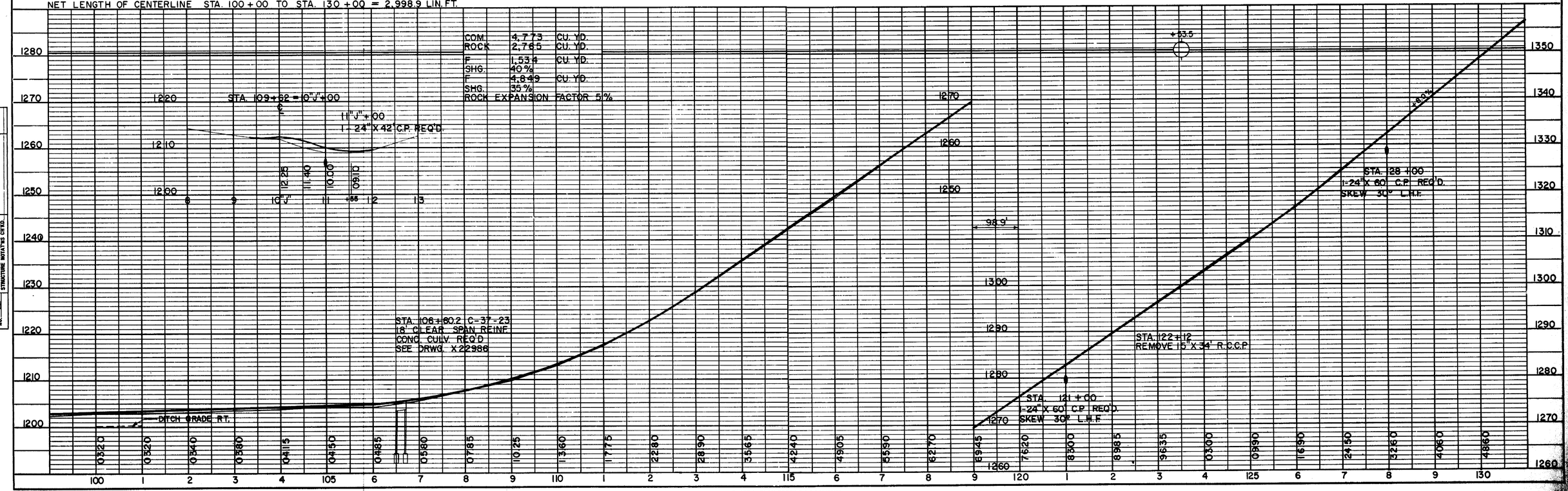


PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	9	

BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
16	133+26	P.K. SPIKE IN POWER POLE	31' RT.	1378.13
17	142+25	P.K. SPIKE IN POWER POLE	31' RT.	1396.83
18	152+85	KEEL + ON S.E. COR. CONC. PORCH	67' LT.	1417.97

N

STA. 136+80 TO STA. 141+50 LT.
5 STATIONS OF OBLITERATING OLD ROAD

WOODS & PASTURE

PASTURE

MARTIN WISCHMEYER

P.I. 132 + 99.8
Δ 29° 04'
D 5° 00' LT.
T 297.1'
L 581.3'
R 1146.0'
S.E. 0.06'/FT.

DITCH BLOCK

P.I. 142+71.4

THOMAS BREEM
&
ORVILLE R. KELLEY

CULT

DITCH BLOCK

P.I. 156 + 65.8
Δ 5° 38'
D 1° 00' LT.
T 281.9'
L 563.3'
R 5730.0'
S.E. 0.025'/FT.

REID L. BOEHMAN

MARTIN C. GOETSCH

DITCH BLOCK

AUTO JUNK YARD

P.I. 142+71.4
Δ 22° 32'
D 4° 00' RT.
T 285.4'
L 563.3'
R 1432.5'
S.E. 0.06'/FT.

MARSHALL HILL AUTO SALES

PASTURE

PASTURE

PASTURE

WOODS

EVERETT BLOOMQUIST

EVERETT BLOOMQUIST

JOHN W. THOMPSON

WARREN POPE

LUCILLE L. POPE

LUCILLE MARCIS

PASTURE

HENRY VLIETSTRA

EQUATION

N12° 29'E

N 16° 35' W

N 5° 57'E

N0° 19'E

P.C. 130+02.7

P.I. 132+99.8

P.T. 135+84.9

P.C. 139+80.0

P.I. 142+71.4

P.T. 145+49.3 BACK
145+63.5 AHEAD

P.C. 153+83.9

P.I. 156+65.8

P.T. 159+47.2

P.L. +08

P.L. +48

P.L. +44

P.L. +77

P.L. +32.0

P.L. +72

P.L.

NET LENGTH OF CENTERLINE STA. 130+00 TO STA. 160+00 = 2,983.8 LIN. FT.

COM. 6,723 CU. YD.
ROCK 2,440 CU. YD.
B 500 CU. YD.
F 7,913 CU. YD.
SHG. 35 %
ROCK EXPANSION FACTOR 5%

COM. 589 CU. YD.
B 1,015 CU. YD.
F 1,189 CU. YD.
SHG. 35%

+00

+36

+2.5 %

+2.5 %

DITCH GRADE LT.

DITCH GRADE RT.

DITCH GRADE RT.

E.B.S.

STA. 137+84 LT.
REMOVE 1-24" X 49' R.C.C.P.

STA. 138+00
1-24" X 72' C.M.C.P. REQ'D.

STA. 145+89
REMOVE 1-30" X 49' R.C.C.P.
1-30" X 64' C.P. REQ'D.

STA. 158+52
REMOVE 1-30" X 48' R.C.C.P.
1-30" X 52' C.P. REQ'D.

85.8'

1430 1420 1410 1400 1390 1380 1370 1360 1350

130 1 2 3 4 135 6 7 8 9 140 1 2 3 4 145 6 7 8 9 150 1 2 3 4 155 6 7 8 9 160

4860 5560 6460 7260 7930 8480 8910 9230 9450 9580 9645 9695 9745 9795 9845 9895 9950 00.70 02.40 04.45 06.75 08.90 11.10 13.35 15.65 17.95 20.15 22.30 24.00 25.35 26.25

PLAN — SURVEYED, PLOTTED, GRADES CHECKED, R.O.W. CHECKED, NOTE BOOK, NO. 4700, STRUCTURE NO'S NOT CHKD.

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, R.O.W. CHECKED, NOTE BOOK, NO. 11

BY	DATE
J.J.C.	11/60
E.C.K.	3/61
E.C.K.	3/61
E.C.K.	3/61
J.J.C.	3/61

PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	10	

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
19	165+46	KEEL + ON SE. COR. CONC. SLAB 85' LT.	1431.26
20	176+82	KEEL MARK ON N.E. COR. CONC. SLAB 60.5' LT	1449.06
21	184+50	KEEL X ON NEAR COR. OF CONC. SLAB 50.5' LT	1457.39

PLAN	DATE
SURVEYED	11/80
PLOTTED	12/80
GRADES CHECKED	2/81
R/W AGREEMENT CHECKED	3/81
NOTE BOOK NO. 4700	
RT. OF WAY CHECKED	

BY	
F.C.Y.	
F.C.Y.	
F.J.S.	
J.J.C.	

N

CULT.

C. J. HOLZEM

MARTIN C. GOETSCH

DALE HOLLINGER

CLARENCE P. LUCAS

FRANK E. PREI

ELROY RADUECHEL

CLARENCE KROENING

P.L. + 69.6

P.L. + 72

P.T. 159 + 47.2

160

165

170

175

180

185

190

N 0° 19' E

N 0° 24' E

179°55'

40'

50'

P.L.

P.E.

SEPTIC DRAIN

P.E. WOOD FENCE

SIGN

HENRY VLIETSTRA

PASTURE

WALTER H. GESKE

CULT

DONALD HOLZEM

ARTHUR BERNDT

CHARLES PIERCE

C. J. HOLZEM

I "K" + 99.9

STORE

CONC. SLAB

GAS VENT

CONC. BASE FOR FLAG. POLE

FOR DETAIL OF INTERSECTION SEE SHEET 2.2

24.75'

P.L. 34'K TO BROKAW C.T.H. 'WW'

EASE LINE

PI 183 + 62.0 = 0 "K" + 00

TAV.

PRIVY

185 + 53.0

GUSTAV F. VOSS

CULT

P.L. + 425

GEORGE HALKOSKE

GAS LINE STA.

ORCHARD

P.L. + 11

P.L. + 61

MICHICAN WISCONSIN PIPE LINE CO.

WALTER H. GESKE

CULT

NET LENGTH OF CENTERLINE STA. 160 + 00 TO STA. 190 + 00 = 3,000.0 LIN. FT.

COM. 5,727 CU. YD.
F 4,242 CU. YD.
SHG. 35 %

PROFILE	DATE
SURVEYED	11/80
PLOTTED	3/81
GRADES CHECKED	3/81
R/W AGREEMENT	3/81
NOTE BOOK NO. 11	
STRUCTURE NOTATNS CHKD.	

BY	
F.C.Y.	
F.C.Y.	
F.J.S.	
J.J.C.	

+56

1470
1460
1450
1440
1430
1420

STA. 183 + 62 = 0 "K" + 00

DITCH GRADE RT.

DITCH GRADE LT.

400' V.C.

EC + 00
EL. 1483.50

PT + 00
EL. 1483.90

0.00 %

STA. 187 + 59
REMOVE 1-15" X 26' R.C.C.P.
1-24" X 56' C.P. REQ'D.

26.25 26.85 27.50 28.20 28.95 30.05 31.10 32.20 33.80 35.25 36.95 38.75 40.85 42.40 44.20 46.10 48.05 49.85 51.65 53.50 55.20 55.40 57.10 57.40 57.40 57.40 57.40 57.40 57.40 57.40 57.40 57.40

160 1 2 3 4 165 6 7 8 9 170 1 2 3 4 175 6 7 8 9 180 1 2 3 4 185 6 7 8 9 190

PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
22	196+40	KEEL MARK ON CONC. SLAB 69'LT.	1462.46
23	207+02	KEEL MARK ON S.E. COR. CONC. SLAB 78.5'LT.	1466.54
24	213+43	P.K. SPIKE IN TELEPHONE POLE 66'RT.	1476.28

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	11	

PLAN	BY	DATE
SURVEYED	J.C.C.	12/60
PLOTTED	F.C.C.	3/61
NOTE BOOK	E.W.S.	3/61
ALIGNMENT CHECKED	J.J.C.	3/61
RT. OF WAY CHECKED	J.J.C.	3/61
NO. 41000		

P.I. 197+73.6
Δ 37° 28'
D 4° 00' RT.
T 485.8'
L 936.7'
R 1432.5'
S.E. 0.06'/FT.

P.T. 202+24.5 BACK =
202+39.1 AHEAD
EQUATION

N 0° 24' E
N 37° 52' E

MARSHALL HILL SCHOOL
DIST. NO. 4

WALTER H. GESKE
DONALD F. WINTER
WALTER B. WILKE
F. W. ZIMMERMAN
RUDOLPH HOLLINGER
HENRY VLIETSTRA
GEORGE HALVOSKE
HENRY GALLEB
WARREN HAMMOND
EDWARD SCHULTZ
FREDRICK SCHWARTZ

CON. 2,893 CU. YD.
F 2,144 CU. YD.
SHG. 35%

COM. 6,075 CU. YD.
ROCK 2,192 CU. YD.
FILL 6,80 CU. YD.
SHG. 35%
ROCK EXPANSION FACTOR 5%

NET LENGTH OF CENTERLINE STA. 190+00 TO STA. 220+00 = 2,985.4 LIN. FT.

PROFILE	BY	DATE
SURVEYED	J.C.C.	12/60
PLOTTED	F.C.C.	3/61
NOTE BOOK	E.W.S.	3/61
GRADES CHECKED	J.J.C.	3/61
S. B.'S NOTED	J.J.C.	3/61
STRUCTURE NOTATIONS CKED.		
NO. 11		

0.00%
P.C. 190+00.40
EL. 1449.40
DITCH GRADE LT.
F.B.S.
870' V.C.
P.R.C. +70
EL. 1455.50
595.4' V.C.
P.R.C.+60
EL. 1456.40
STA. 201+64
REMOVE 24"X28' R.C.C.P.
-24"X80' C.P. REQ'D.
85.4'
F.B.S.
840' V.C.
P.I. +20
EL. 1468.40
3.50%
P.C. +45
EL. 1466.02
350' V.C.
DITCH GRADE LT.

PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	12	

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
25	221+21	P.K. SPIKE IN 10" ELM 82'LT.	1452.40
26	230+96	KEEL MARK ON NEAR COR. CONC. SIDEWALK	1461.02
27	243+76	P.K. SPIKE IN POWER POLE 43'RT. (39.5'R.)	1433.19

NOTE: STA. 244± TO 263± LT. & RT. EXISTING FIELD STONE DITCH PROTECTION TO REMAIN UNDISTURBED.

N

F.W. ZIMMERMAN
CULT.

TOWN OF TEXAS

P.I. 232+63.2
Δ 30° 35'
D 3° 00' LT.
T 522.2'
L 1019.4'
R 1910.0'
S.E. 0.05'/FT.

HENRY VLIETSTRA
CULT.

WM. R. LUEDTKE (OWNER)
FRANK HANKE JR. (L.C.)
HENRY VLIETSTRA

N 37°52' E
N 7° 17' E

EQUATION
237+60.4 BACK =
237+63.7 AHEAD

229+660 = 10"L"+16.5

TOWN HALL

WALTER B. WILKE
CULT.

FOR DETAIL OF INTERSECTION SEE SHEET 2.3

ED. KOHNHORST
CULT.

RANDOLPH BERGKLINT

KENNETH PAFF
ORCHARD
PASTURE

STONE MONUMENT

ELROY STRASSMAN
CULT.

NET LENGTH OF CENTERLINE STA. 220+00 TO STA. 250+00 = 2,996.7 LIN. FT.

COM.	3,419	CU. YD.
F. SHG.	2,532	CU. YD.
	35%	

STA. 223+41
REMOVE 1-24"X31' R.C.C.P.
1-24"X60' C.M. REQ'D.

STA. 230+22 RT.
REMOVE 1-18"X30' R.C.C.P.

STA. 229+66.0 = 10"L"+16.5

STA. 9"L"+40
1-25"X16"X36' C.M.P.A. REQ'D

DITCH GRADE LT.

P.T. 220+00 EL. 1455.00
P.C. 223+41 EL. 1455.00
P.R.C. 230+00 EL. 1453.50
P.T. 238+00 EL. 1435.70
P.C. 241+09 EL. 1436.50

500' V.C.
1396.7' V.C.
967'

PLATE I—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	13	

BENCH MARKS

NO	STATION	DESCRIPTION	ELEV.
28	253+48	P.K. SPIKE IN TELEPHONE POLE 50'RT.	1379.33
29	262+44	P.K. SPIKE IN 30" MAPLE 62' RT.	1332.26
30	276+59	P.K. SPIKE IN TELEPHONE POLE 71'RT.	1330.40

NOTE: STA. 244± TO 263± LT. & RT.
EXISTING FIELD STONE DITCH PROTECTION
TO REMAIN UNDISTURBED.

HENRY VLIETSTRA

CULT

WM. LUEDTKE (OWNER)
FRANK HANKE JR. (L.C.)

P.I. 253+11.6
Δ 6° 56'
D 2° 00' LT.
T 173.6'
L 346.7'
R 2865.0'
S.E. 0.04'/FT.

P.T. 254+847 BACK =
254+851 AHEAD
EQUATION

JOHN KUFAHL

CULT

TYPE "E" INTERSECTION
SEE PLATE 9-1.1.3

263+14.5 =
10"M"+01.2

PASTURE

WOODS

P.I. 269+94

LEO SANN

CULT

PASTURE & WOODS

N7° 17'E

N0° 21' E

N0° 56' E

180° 35'

DITCH DAM TO
REMAIN IN PLACE

GARDEN

CULT

WOODS & PASTURE

PASTURE

7"M" TOWN RD.

CULT.

PASTURE

LEO SANN

ELROY STRASSMAN

LEO SANN

NET LENGTH OF CENTERLINE STA. 250+00 TO STA. 280+00 = 2,999.6 LIN. FT.

COM.	3,105	CU. YD.	
F	2,301	CU. YD.	
SHG.	35 %		
COM.	6,609	CU. YD.	
B	2,300	CU. YD.	
F	6,598	CU. YD.	
SHG.	35 %		

STA. 252+96.5
1-24" X 60' R.C.C.P. IN PLACE
EXTEND 4' LT.

-5.00%

STA. 263+14.5 = 10"M"+01.2

STA. 9"M"+62
1-24" X 68' C.P. REQ'D.

STA. 266+64 2-72" X 53' R.C.C.P. IN PLACE
EXTEND 10' LT & 14' RT.

+0.70 %

STA. 277+66.5
1-48" X 98' C.P. REQ'D.
REMOVE 1-48" X 59' R.C.C.P.

PLATE I—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	14	

BENCH MARKS

NO	STATION	DESCRIPTION		ELEV.
31	287+88	P.K. SPIKE IN ROOT OF 15" ELM	53.5' LT.	1338.49
32	296+10	P.K. SPIKE IN POWER POLE	47' RT.	1336.41
33	309+30	P.K. SPIKE IN 30" ELM	48' RT.	1348.23

DATE	BY	
11/60	J.J.C.	SURVEYED
12/60	J.J.C.	PLOTTED
3/60	J.J.C.	ALIGNMENT CHECKED
3/60	J.J.C.	EL.'S INVITED
3/60	J.J.C.	R/W STAKING DETAILS CHKD.

PLAN — NOTE BOOK NO. 4702

P.I. 296+33.3
Δ 1° 07'
D 0° 15' LT.
T 223.4'
L 446.7'
R 22,920.0
S.E. NORMAL CROWN

EQUATION
PT. 298+56.6 BACK =
298+56.7 AHEAD

294+84.5 = 9"N" + 98.1

P.I. 296+33.3 = 9"P" + 98.9

309+63.0 = 9"Q" + 95.6

TYPE "E" INTERSECTION SEE PLATE 9-1.1.3

WOODS
PASTURE
LEO SANN
CULT.
ROY C. EDELBURG
APPLE TREES
EARTH DAM
JOHN RADUECHEL
RUDOLPH SANN
TOWN RD.
P.L.
P.E.
P.T.
PC. 294+09.9
294+83.3
296+00
297+83.3
303+00
307+63.0
311+63.0
P.L.+34.5
N0° 56' E
N0° 11' W
7"N"+00
7"N"+78.0
6"N"+83.0
7"Q"+95.6
11"P"+48.9
12"P"
10"P"
9"N"+98.1
9"P"+98.9
9"Q"+95.6
40' R
50' R
57' R
67' R
68' R
80' R
B
H

NET LENGTH OF CENTERLINE STA. 280+00 TO STA. 310+00 = 2,999.9 LIN. FT.

COM.	5,121	CU. YD.	
F	3,793	CU. YD.	
SHG.	35%		
COM.	5,748	CU. YD.	
F	4,257	CU. YD.	
SHG.	35%		
COM.	8,427	CU. YD.	
F	6,244	CU. YD.	
SHG.	35%		

STA. 294+84.5 = 9"N" + 98.1
STA. 296+33.3 = 9"P" + 98.9
STA. 309+63.0 = 9"Q" + 95.6
STA. 9"Q" + 65
1-24" X 66' C.P. REQ'D.
STA. 290 X 61
1-24" X 84' C.P. REQ'D
REMOVE 1-24" X 62' R.C.C.P.
STA. 306+50
1-24" X 54' C.P. REQ'D.
SKEW 20° R.H.F.
STA. 301+48
1-36" X 108' C.M.C.P. REQ'D.
REMOVE PIPE OF UNKNOWN DIMENSIONS AT THIS LOCATION
1459.9' V.C.
630' V.C.
95.9'
+0.79%
+4.96%
-5.0%
E.B.S.
F.B.S.
PT. EL. 1330.00
PC. EL. 1324.70
PT. EL. 1340.60
PVI EL. 1343.30
PVI EL. 1338.30
PVI EL. 1340.60
PVI EL. 1348.23
PROPOSED ELEVATION

280	1	2	3	4	285	6	7	8	9	290	1	2	3	4	295	6	7	8	9	300	1	2	3	4	305	6	7	8	9	310
34.80	35.90	36.20	36.90	37.60	38.30	38.85	39.25	39.30	39.30	39.00	38.50	37.80	36.90	35.70	34.30	32.80	30.90	28.90	26.50	24.00	22.30	21.60	22.00	23.60	26.20	30.00	34.30	39.00	43.60	47.20

PLATE I — PLAN-PROFILE B.P.R. STANDARD
THE PRUDENCE POST CO., Chicago

BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
34	321+77	KEEL + ON N.E. COR. OF CONC. SLAB 97 LT.	1344.10
35	336+16	SPIKE IN 24" ELM 41' LT.	1270.63

B.P.R. DIVISION	PROJECT	SHEET NUMBER	SHEETS
4	S014(3)	15	

N

ROY C. EDELBURG

CULT.

TYPE "E" INTERSECTION
SEE PLATE 9-1.1.3

309+63.0 = 9°Q'+95.6

P.I. + 76.5

CLAIR NARRON

CULT.

WOODS

P.I. + 69

P.I.

TRAPPE SCHOOL
DIST. NO. 1

P.I. + 75.9

SCHOOL

P.I. 322+75.9 = 10°R'+00

DITCH BLOCK

PASTURE

CLAIR NARRON

PASTURE

TRAILER HOUSE

P.E.

179°48'

50'

310 — N 0° 11' W — 315 — 320 — 325 — N 0° 23' W — 330 — 335 — 340

311+63.0

7°Q'+95.6

33'

70'

24.75'

TOWN RD.

CULT.

RUDOLPH JAUERING

BUILDING SITE

BARN YARD

33'

7°R'

TOWN RD.

CULT.

CLAIR NARRON

PASTURE

FOUNDATION

P.I. + 95.5

PASTURE

BUILDING SITE

SEPTIC TANK

GEORGE R. LANGHOFF

PLAN
WRITTEN BY J.J.C.
PLOTTED BY F.C.Y.
GRADES CHECKED BY F.J.S.
ALIGNMENT CHECKED BY J.J.C.
RE. OF MAP PROCED. BY J.J.C.
MTR. BOOK 11760 12760 13760 14760
MTR. BOOK NO. 4702 3760 3760 3760 3760

NET LENGTH OF CENTERLINE STA. 310+00 TO STA. 340+00 = 3,000.0 LIN. FT.

COM 5,16 CU. YD.
F 3,823 CU. YD.
SHG. 35%

STA. 322+75.9 = 10°R'+00

+92

+16

1370 1360 1350 1340 1330 1320 1310 1300

1320 1310 1300 1290 1280 1270 1260

960' V.C.

P.T. + 00
EL. 1348.00

-3.00%

STA. 322+90
1-24" X 50' C.P. REQ'D

P.C. + 00
EL. 1350.00

E.B.S.

300' V.C.

P.T. + 30.00
EL. 1341.00

-3.90%

STA. 333+63.5
1-30" X 66' C.M.C.P. REQ'D
REMOVE 1-30" X 30' R.C.C.P.

P.C. + 00
EL. 1339.00

660' V.C.

P.T. + 80.175
EL. 1329.175

-0.00%

STA. 338+32.5
1-24" X 62' C.M.C.P. REQ'D
REMOVE 1-24" X 31' R.C.C.P.

P.C. + 00
EL. 1329.175

33.72
315.0
26.80
10°R'

47.20 50.00 52.00 53.20 53.75 53.45 52.40 50.65 48.00 45.00 42.00 39.00 36.00 33.00 29.70 25.80 21.45 16.50 11.00 05.00 99.00 93.00 87.30 82.70 78.50 76.00 73.65 72.30 71.85 71.15 70.20

310 1 2 3 4 315 6 7 8 9 320 1 2 3 4 325 6 7 8 9 330 1 2 3 4 335 6 7 8 9 340

PROFILE
WRITTEN BY F.C.Y.
PLOTTED BY F.J.S.
GRADES CHECKED BY J.J.C.
ALIGNMENT CHECKED BY J.J.C.
RE. OF MAP PROCED. BY J.J.C.
MTR. BOOK 11760 12760 13760 14760
MTR. BOOK NO. 4702 3760 3760 3760 3760

PLATE 1—PLAN-PROFILE B. P. R. STANDARD
THE FREDERICK POST CO., Chicago

BENCH MARKS			
NO	STATION	DESCRIPTION	ELEV.
36	343+23	P.K. SPIKE IN POWER POLE 57'RT.	1262.32

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S014(3)	16	

PLAN		DATE
SURVEYED	J.V.C.	1/60
PLOTTED	J.V.C.	2/61
NOTE BOOK	J.V.C.	3/61
ALIGNMENT CHECKED	J.V.C.	3/61
RT. OF WAY CHECKED	J.V.C.	3/61
NO. 4702		

PROFILE		DATE
SURVEYED	J.V.C.	1/60
PLOTTED	J.V.C.	3/60
CHECKED	E.J.S.	3/60
NOTE BOOK	F.C.T.	3/60
BL.M.'S NOTED		
STRUCTURE ROTATYES CHTRD.	J.J.C.	3/60
NO. L.L.		

N

CLAIR NARRON

BUILDING SITE

SEPTIC TANK

GEORGE R. LANGHOFF

PASTURE

CLOSED ROAD

TOWN ROAD

66'

50'

50'

50'

340

345

350

355

360

N 0° 23' W

N 44° 54' W

P.I. 357+64.1
Δ 44° 31'
D 5° 30' LT.
T 426.4'
L 809.4'
R 1041.8'

P.C. 353+37.7

CULT

PT. 361+48.1 AHEAD = BACK

EQUATION

10"A" TO MERRILL

6"A" + 00 OF PROJ. W.P.S.O. 658 = 363+36.5 OF PROJ. S014(3)

EQUATION

END OF PROJECT S014(3)
STA. 347+00

P.I. 357+64.1

NET LENGTH OF CENTERLINE STA. 340+00 TO STA. 347+00 = 700.0 LIN. FT.

COM. 2,717 CU. YD.
F 2,011 CU. YD.
SHG. 35 %

+00

700' V.C.

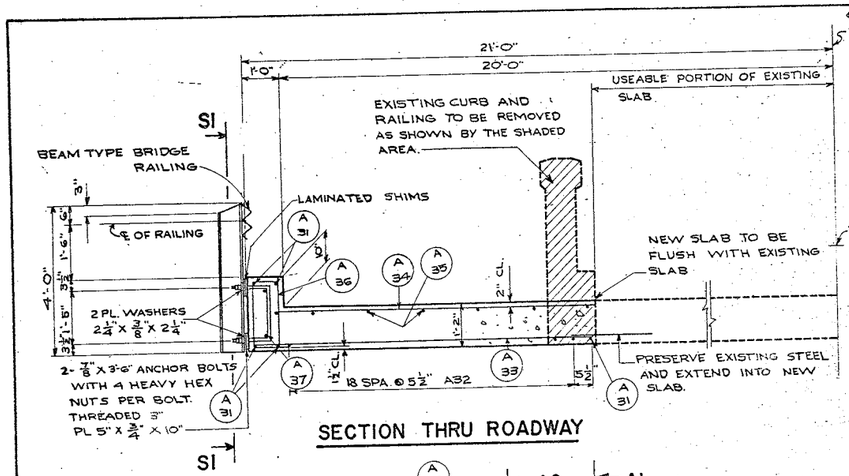
PT. +00
El. 1262.00

1280
1270
1260
1250
1240

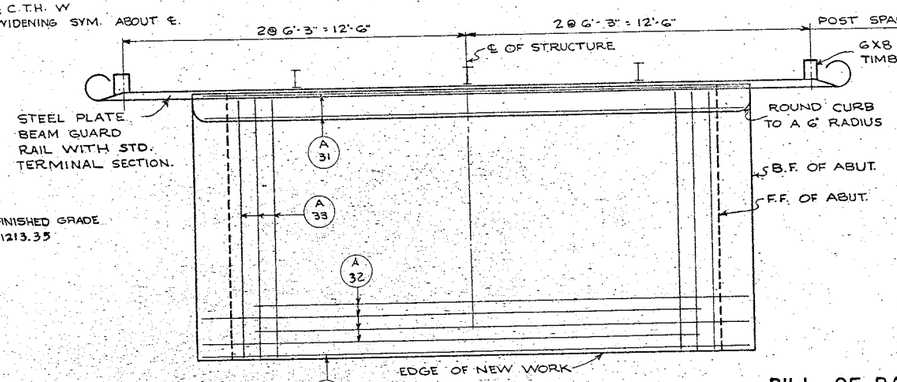
340 1 2 3 4 345 6 7 8 9 350

70.50 69.60 68.50 67.20 65.70 64.00 62.00 59.80

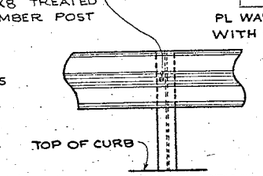
COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT STATE	CLASS & AGREEMENT FEDERAL	B.F.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
37.6	14.0		11.3	4	5014(3)	27	98



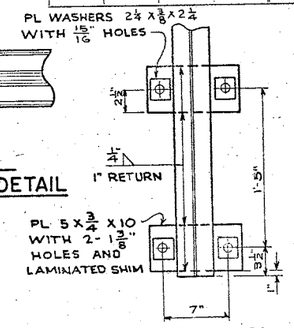
SECTION THRU ROADWAY



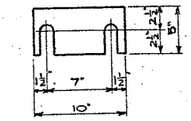
HALF PLAN



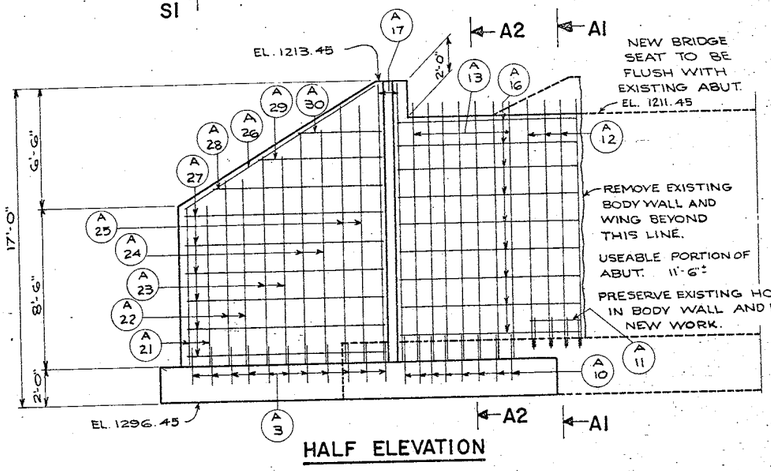
RAILING DETAIL



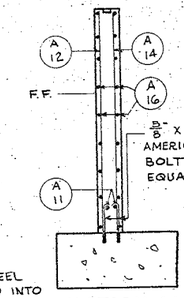
SECTION SI



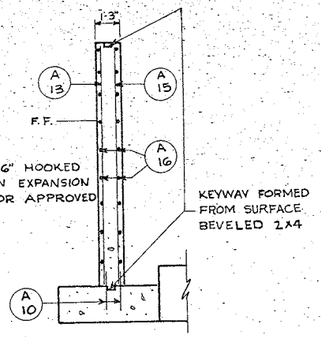
LAMINATED SHIM



HALF ELEVATION



SECTION A1

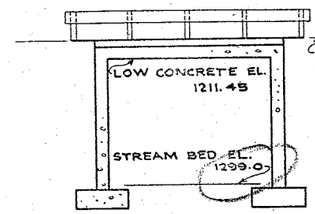


SECTION A2

BILL OF BARS

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT.

POUR	MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
	A1	30	5	8-0	10	TOP OF FOOTING - HEEL	
	A2	8	4	7-0	SHOWN	" " " "	
	A3	44	4	2-0	1-6	DOWELS WINGS - F.F.	
	A4	8	5	2-6	1-0	" " B.F.	
	A5	8	5	3-3	1-0	" " B.F.	
	A6	12	6	3-6	1-0	" " B.F.	
	A7	12	6	4-9	1-0	" " B.F.	
	A8	12	7	6-3	1-0	" " B.F.	
	A9	12	7	7-6	1-0	" " B.F.	
	A10	56	5	2-6	SHOWN	" BODY F.F. & B.F.	
	A11	8	4	3-6	SHOWN	TIE TO EXPANSION BOLT	
	A12	16	5	13-0	11	BODY VERT. - F.F.	
	A13	28	5	14-0	11	" " "	
	A14	20	5	12-0	1-0	BODY VERT. - B.F.	
	A15	20	5	13-0	1-0	" " "	
	A16	72	4	9-0	1-6	BODY - HOR. - BOTH FACES	
	A17	12	5	14-9	SHOWN	CORNER OF BODY	
	A18	8	4	8-3	1-0	WINGS - VERT. B.F.	
	A19	8	4	8-9	1-0	" " "	
	A20	48	4	10-0	1-0	" " "	
	A21	8	4	8-3	1-6	WINGS - VERT. F.F.	
	A22	8	4	9-6	1-6	" " "	
	A23	8	4	11-0	1-6	" " "	
	A24	8	4	12-3	1-6	" " "	
	A25	8	4	13-6	1-6	" " "	
	A26	8	4	16-9	SHOWN	TOPS OF WINGS	
	A27	48	4	15-6	1-6	HOR. WINGS BOTH FACES	
	A28	8	4	13-0	1-6	" " " "	
	A29	8	4	9-6	1-6	" " " "	
	A30	8	4	6-0	1-6	" " " "	
	A31	10	8	20-0	SHOWN	CURB AND FLOOR	
	A32	38	8	18-3	5½	BOTTOM OF SLAB	
	A33	46	5	9-0	10	TRANSVERSE BOTTOM OF SLAB	
	A34	28	4	9-0	1-6	TRANSVERSE TOP OF SLAB	
	A35	14	4	20-0	1-6	LONG. TOP OF SLAB	
	A36	42	3	4-9	1-0	CURB STIRRUPS	A
	A37	12	6	3-0	SHOWN	RAILING ANCHORS	
	A38	4	4	16-0	SHOWN	FOOTING	



ELEVATION

(WINGS NOT SHOWN)

GENERAL NOTES

DRAWINGS SHALL NOT SCALED.

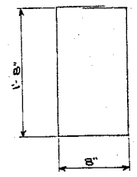
ALL CONCRETE MASONRY SHALL BE GRADE "AA".

BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SHOWN OR NOTED.

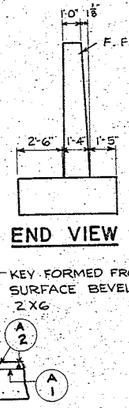
THE USE OF STRUCTURAL GRADE BAR STEEL REINFORCEMENT IS PROHIBITED.

BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

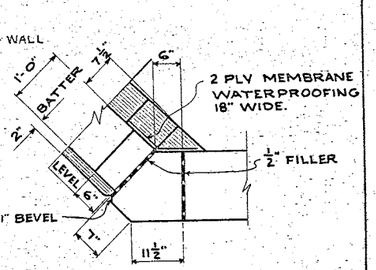
BAR STEEL EXPOSED IN REMAINING SECTIONS OF OLD STRUCTURE SHALL BE PRESERVED AND EXTENDED INTO NEW CONCRETE.



DETAIL A

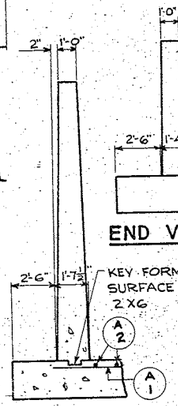


END VIEW



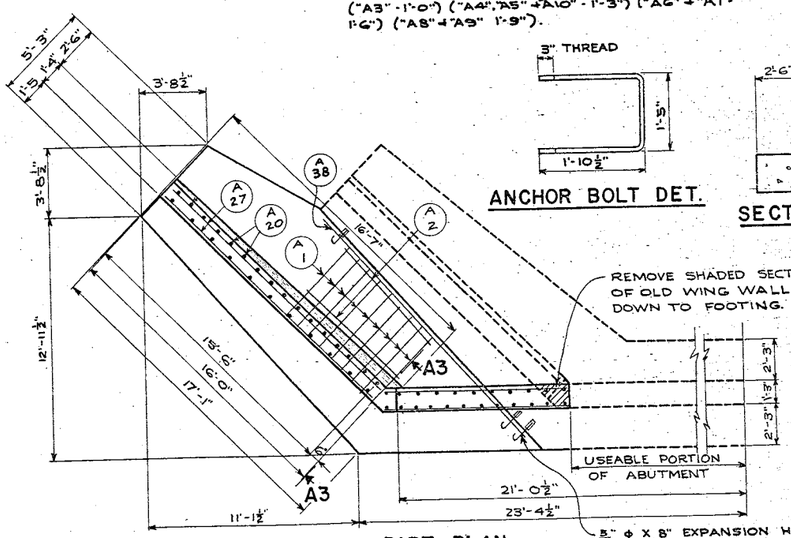
CORNER DETAIL

VERTICAL BAR STEEL REINFORCEMENT SHALL BE IMBEDDED INTO FOOTINGS AS FOLLOWS - ("A3" - 1'-0") ("A4", "A5" & "A10" - 1'-3") ("A6" & "A7" - 1'-6") ("A8" & "A9" 1'-9").

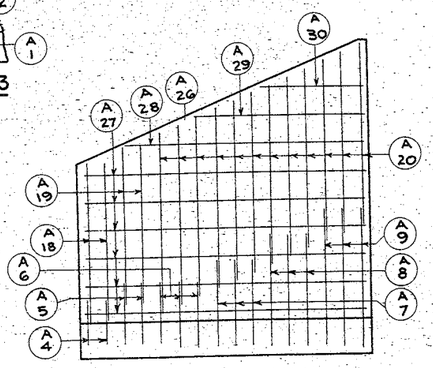


SECTION A3

ANCHOR BOLT DET.



PART PLAN



WING ELEVATION

SHOWING BACKFACE REINFORCEMENT

TOTAL ESTIMATED QUANTITIES

BID ITEMS

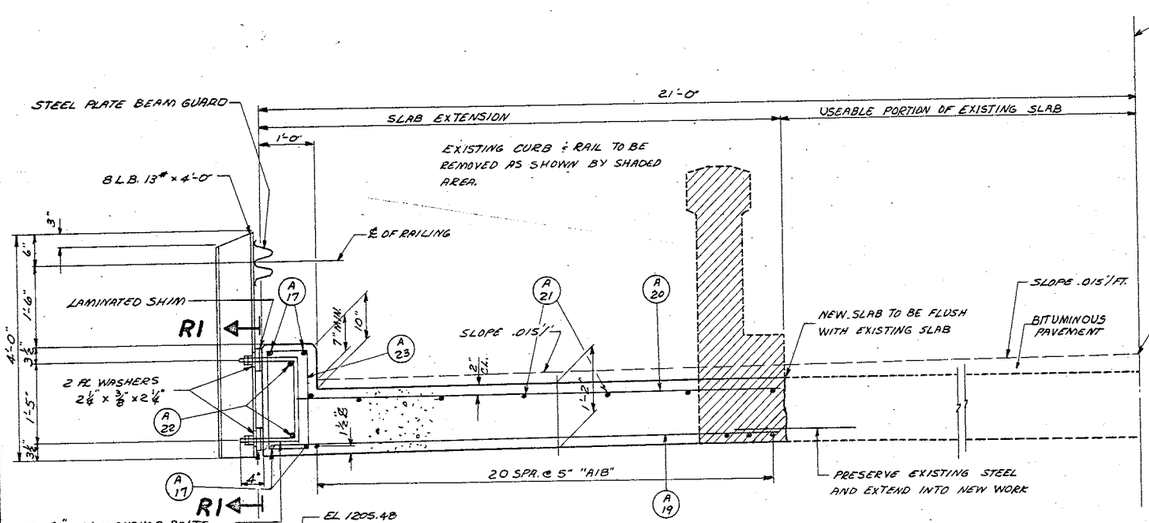
EXCAVATION FOR STRUCTURES	175 C.Y.
CONCRETE MASONRY	114.5 C.Y.
BAR STEEL REINFORCEMENT	7530 LB.
STEEL RAILING	60 LF.

NON-BID ITEMS

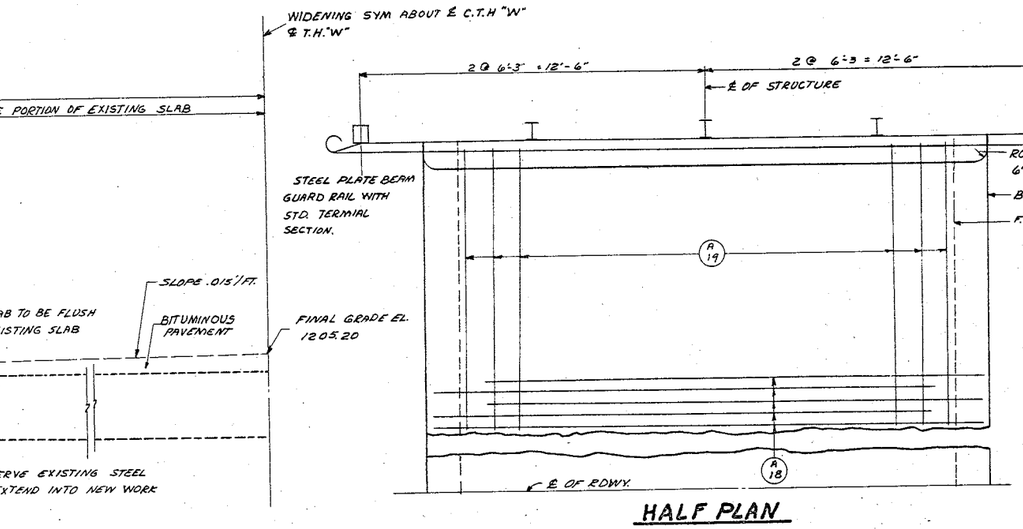
½" FILLER	
2 PLY MEMBRANE WATERPROOFING	90 S.F.
⅝" EXPANSION BOLTS	100 REQ'D.

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	DETAILS
	CO. MARATHON — STA. 84+65.6
	SECTION 12 — RANGE 7E
	DESIGN SPEC. AASHO — CONST. SPEC. 1957
	DATE 3-16-64 DESIGN H.J. RHS CKD. H.B.S.
	SUBMITTED H. B. Schultz ENGINEER OF BRIDGES
	APPROVED: E. A. Rattinger STATE HIGHWAY ENGINEER
	STRUCTURE C-37-24 — SHEET 1 OF 1

COUNTY & HIGHWAY	ROUTE & SECTION	CLASS & AGREEMENT STATE	CLASS & AGREEMENT FEDERAL	B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
37.6	14.0		11.3	4	5014(3)	28	98

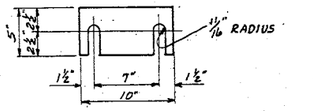


HALF CROSS SECTION

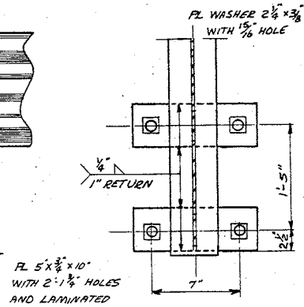


HALF PLAN

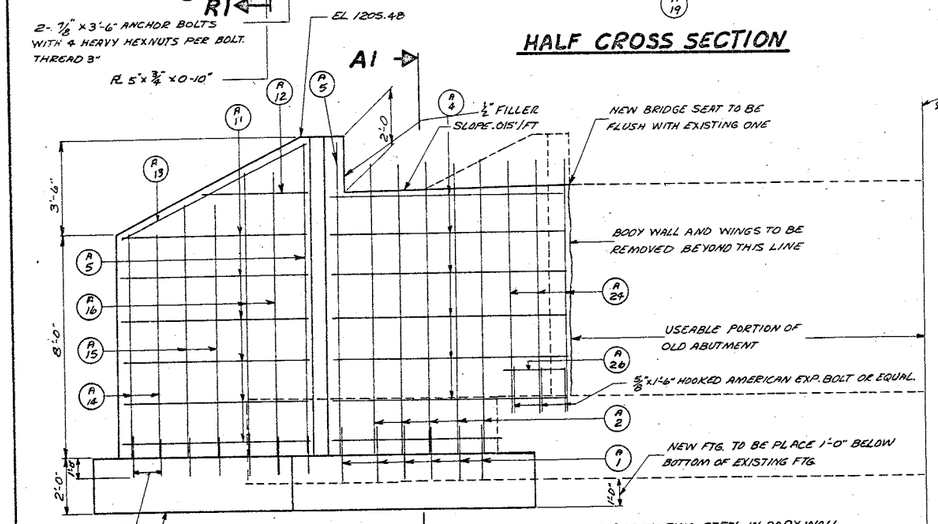
POST DETAIL



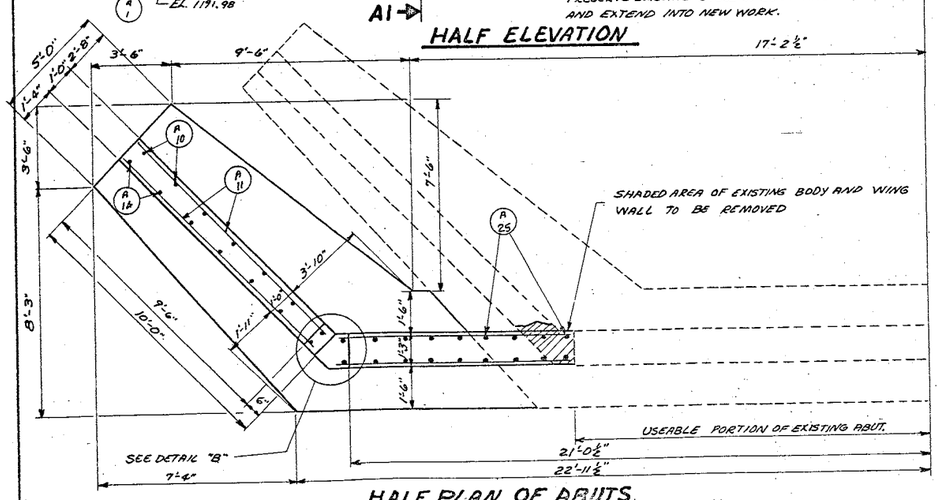
LAMINATED SHIM



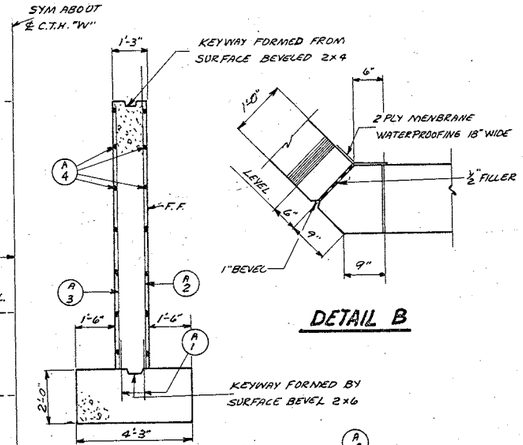
SECTION R1



A1 HALF ELEVATION

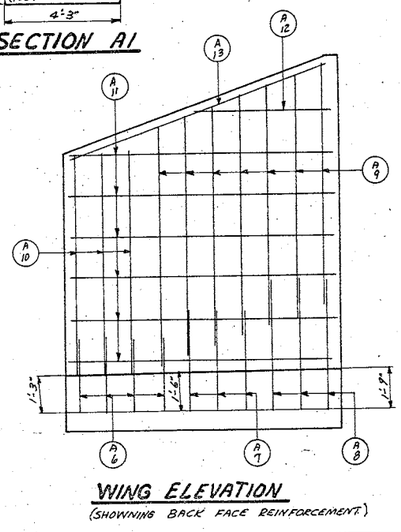


HALF PLAN OF ABUTS.



SECTION A1

DETAIL B



BILL OF BARS

DIMENSIONS IN BENDING DETAILS ARE OUT TO OUT. 4710 #

POUR	MARK	NO.	SIZE	LENGTH	SPACING	LOCATION	DET.
	A1	72	4	2-0	1-0	DOWELS BODY WALL & WING WALL F.F.	
	A2	20	4	10-3	1-0	VERT. BODY F.F.	
	A3	16	4	9-3	1-0	VERT. BODY BACK FACE	
	A4	56	4	9-0	1-6	BODY HORIZ.	
	A5	12	4	11-0	SHOWN	VERT. BODY	
	A6	16	5	3-6	1-0	DOWEL WING B.F.	
	A7	12	6	5-3	1-0	" " "	
	A8	12	7	6-9	1-0	" " "	
	A9	28	4	8-0	1-0	VERT WING "	
	A10	12	4	8-0	1-0	" " "	
	A11	48	4	9-6	1-6	WINGS HORIZ. B.F. & F.F.	
	A12	8	4	5-0	1-6	" " "	
	A13	8	4	10-0	SHOWN	TOP OF WINGS	
	A14	8	4	8-0	1-6	WING VERT. F.F.	
	A15	8	4	9-0	1-6	" " "	
	A16	8	4	10-3	1-6	" " "	
	A17	8	7	20-0	SHOWN	SUPER CURB	
	A18	42	7	18-0	5	SUPER BOTTOM OF SLAB LONG	
	A19	40	5	9-3	11	" " " " TRANSVERSE	
	A20	26	4	9-0	1-6	" TOP " " "	
	A21	14	4	20-0	1-6	" " " " LONG	
	A22	12	6	3-0	SHOWN	RAILING ANCHOR	
	A23	40	3	5-3	1-0	STIRRUPS IN CURB	A
	A24	12	4	8-0	1-0	F.F. OF BODY	
	A25	16	4	7-0	1-0	B.F. OF BODY	
	A26	4	4	3-0	SHOWN	TIE TO HOOKED EXPANSION BOLTS	

TOTAL ESTIMATED QUANTITIES

BID-ITEMS

EXCAVATION FOR STRUCTURES	70 C.Y.
CONCRETE MASONRY	76 C.Y.
BAR STEEL REINFORCEMENT	4710 LB.
STEEL RAILING	57 LF

NON-BID ITEMS

½" FILLER	½" SIZE
2 PLY MEMBRANE WATERPROOFING	69 S.F.
EXPANSION BOLTS	28 EACH

GENERAL NOTES

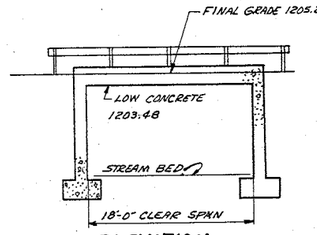
DRAWING SHALL NOT BE SCALED.

BEVEL EXPOSED EDGES OF CONCRETE 1" UNLESS OTHERWISE SHOWN OR NOTED.

THE USE OF STRUCTURAL GRADE BAR STEEL REINFORCEMENT IS PROHIBITED.

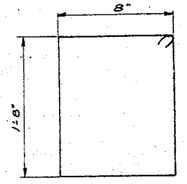
BAR STEEL REINFORCEMENT SHALL BE IMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

BAR STEEL EXPOSED IN REMOVING PARTS OF OLD STRUCTURE SHALL BE PRESERVED AND EXTENDED INTO NEW STRUCTURE.



ELEVATION

(WING NOT SHOWN)



DETAIL A

REVISED	STATE HIGHWAY COMMISSION OF WISCONSIN
	DETAILS
	CO. MARATHON TWN. TEXAS STA. 106 + 60.20
	SECTION 12 TOWN 29 N RANGE 7E
	DESIGN SPEC. AASHO. 1957 LOADING H20 CONST. SPEC. 1957
	DATE 2-9-61 DESIGN STO DRAWN F CKD. H.L.L.
	SUBMITTED H.B. Schultz ENGINEER OF BRIDGES
	APPROVED: E.L. Rouiller STATE HIGHWAY ENGINEER
	STRUCTURE C-37-23 SHEET 1 OF 1

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	29	98

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

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

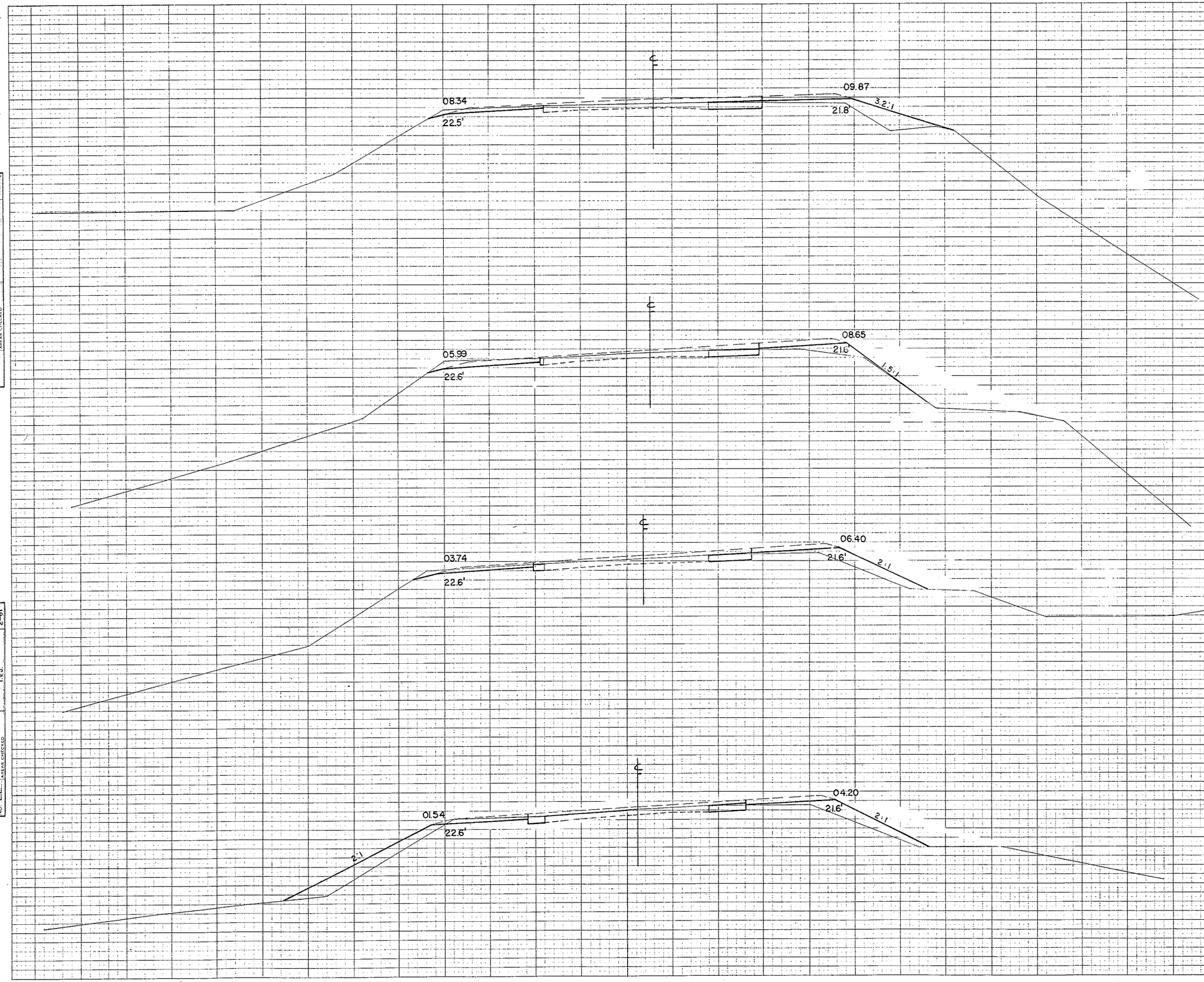
DATE	BY
11-60	J.J.C.
12-60	W.J.
1-61	E.J.S.
2-61	E.W.J.

99.70
22.6
-5.1
91.90
5:1
21.9
14+00
200
98.52
22.4
98.56
21.9
5:1
13+00
195
12+00
195
11+00
200
10+00
2.00

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
	C.O.M.		
12			
22			6
13			
41			33
4			

SHEET TOTAL 63 39

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	30	98

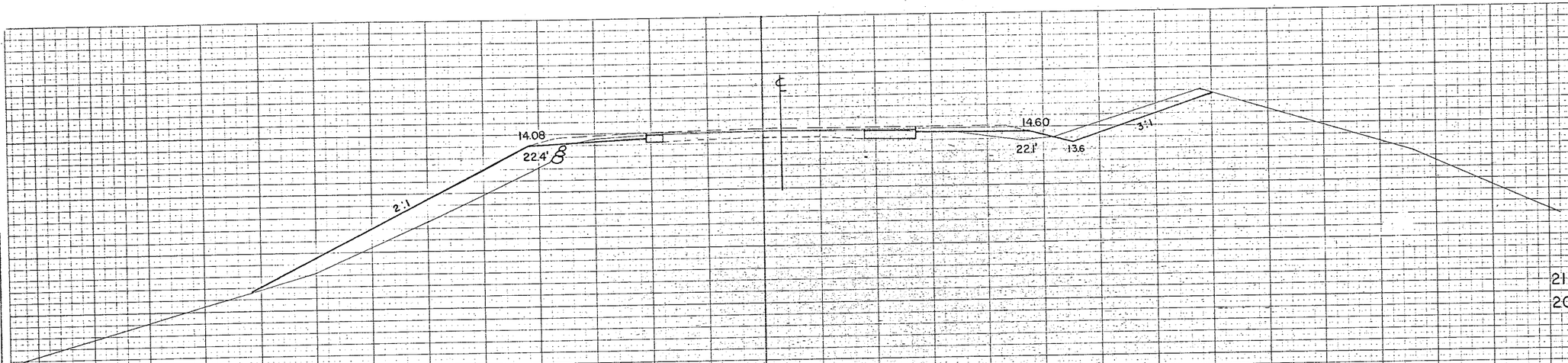


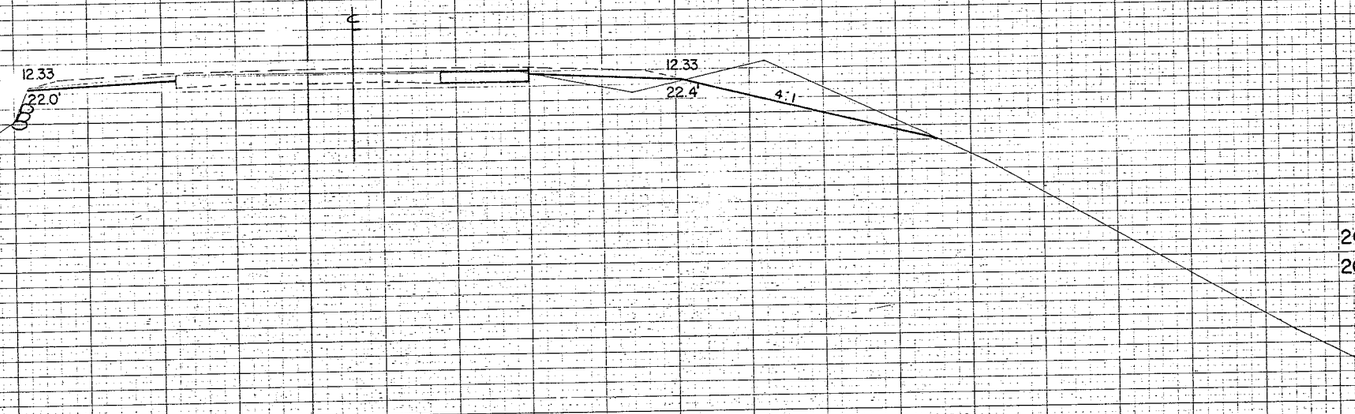
STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
18+00			
	200		
		14	
		35	130
		15	
		37	148
		16	
		48	139
		17	
		50	124
17+00			
	200		
		18	
16+00			
	200		
15+00			
	200		
SHEET TOTAL		170	541

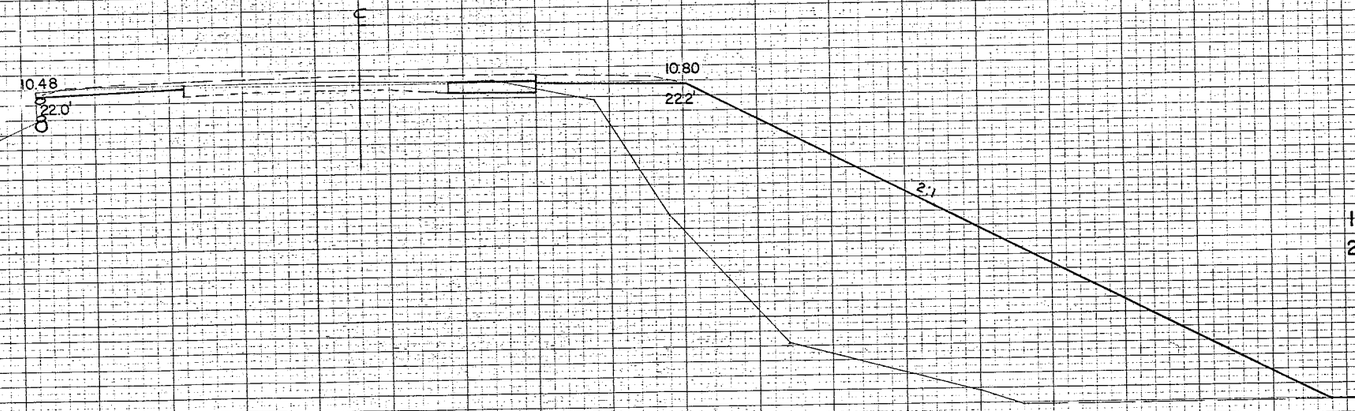
FINAL SURVEY	BY	DATE
NOTE BOOK	SURVEYED	
NO.	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY	BY	DATE
NOTE BOOK L.L.	SURVEYED J.J.C.	11-60
NO.	PLOTTED W.J.L.	12-60
	TEMPLATE I.V.J.	1-61
	AREAS CHECKED E.J.S.	1-61
	I.V.J.	2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	31	98







STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
21+00			
	200		
		18	
		39	828
		19	
		74	806
		20	
		93	107
		21	
20+00			
	200		
19+00			
	200		

SHEET TOTAL 206 1741

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

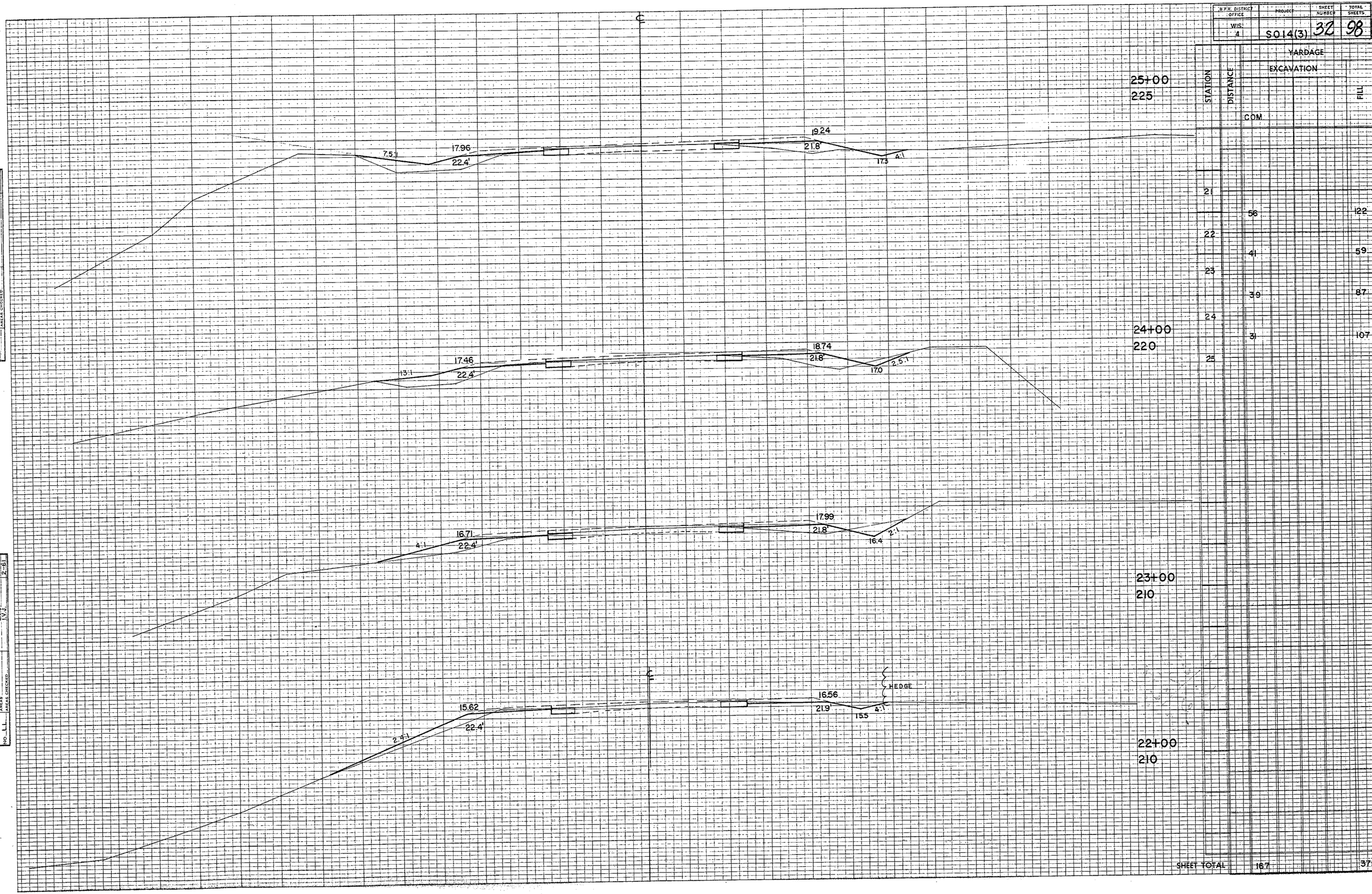
ORIGINAL SURVEY
SURVEYED J.J.C. 11-60
PLOTTED W.J.L. 12-60
TEMPLAT E.J.S. 1-61
AREAS I.V.J. 2-61
NOTE BOOK
NO. L.L.
AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	32	98

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

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

DATE	BY
11-60	J.J.C.
12-60	W.J.L.
1-61	E.V.S.
2-61	I.V.J.

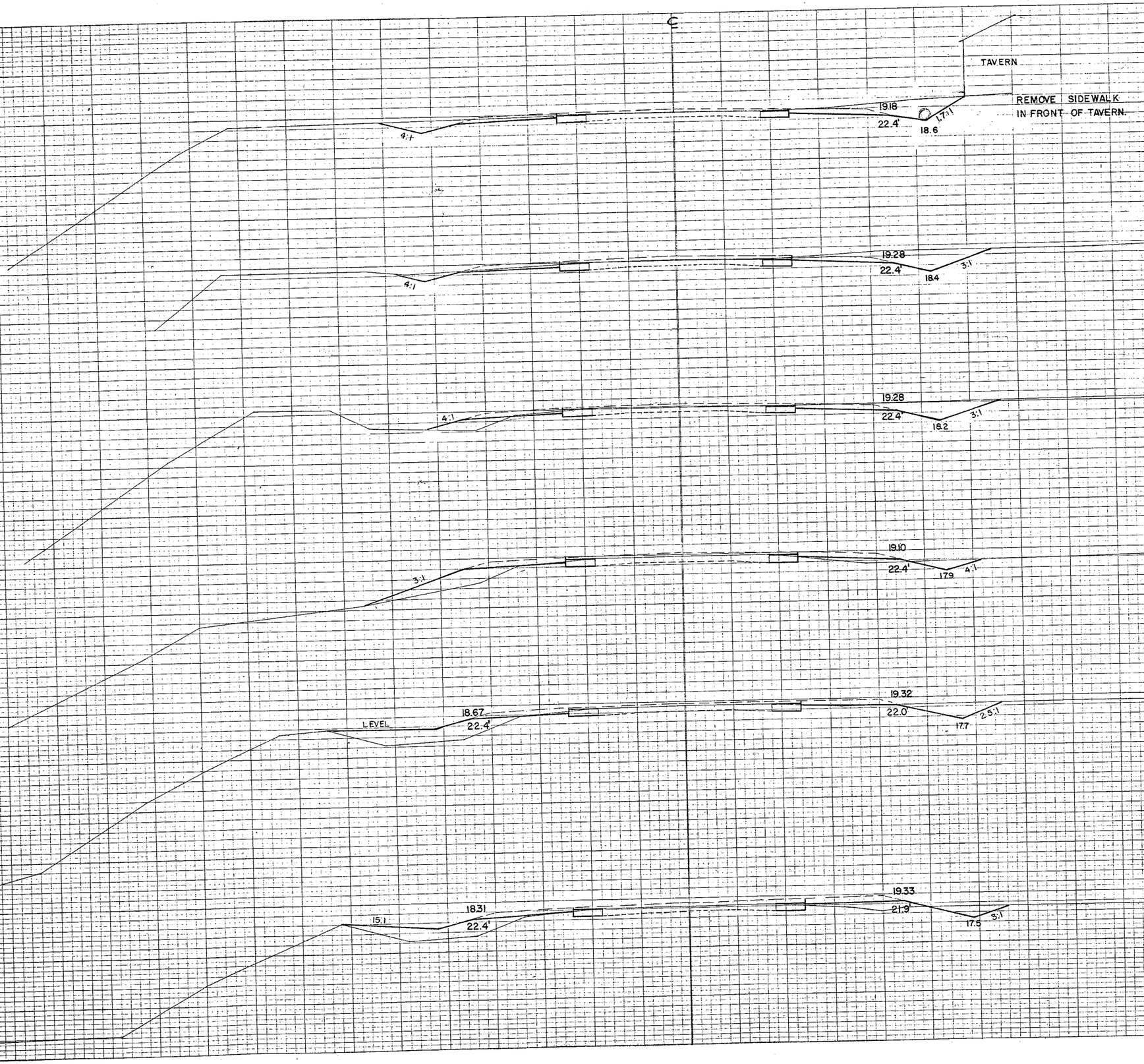


STATION	DISTANCE	YARDAGE EXCAVATION FILL
25+00		
	COM	
24+00	21	
	56	122
23+00	22	
	41	59
22+00	23	
	39	87
	24	
	31	107
	25	
SHEET TOTAL	167	375

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	33	98

TAVERN

REMOVE SIDEWALK IN FRONT OF TAVERN.

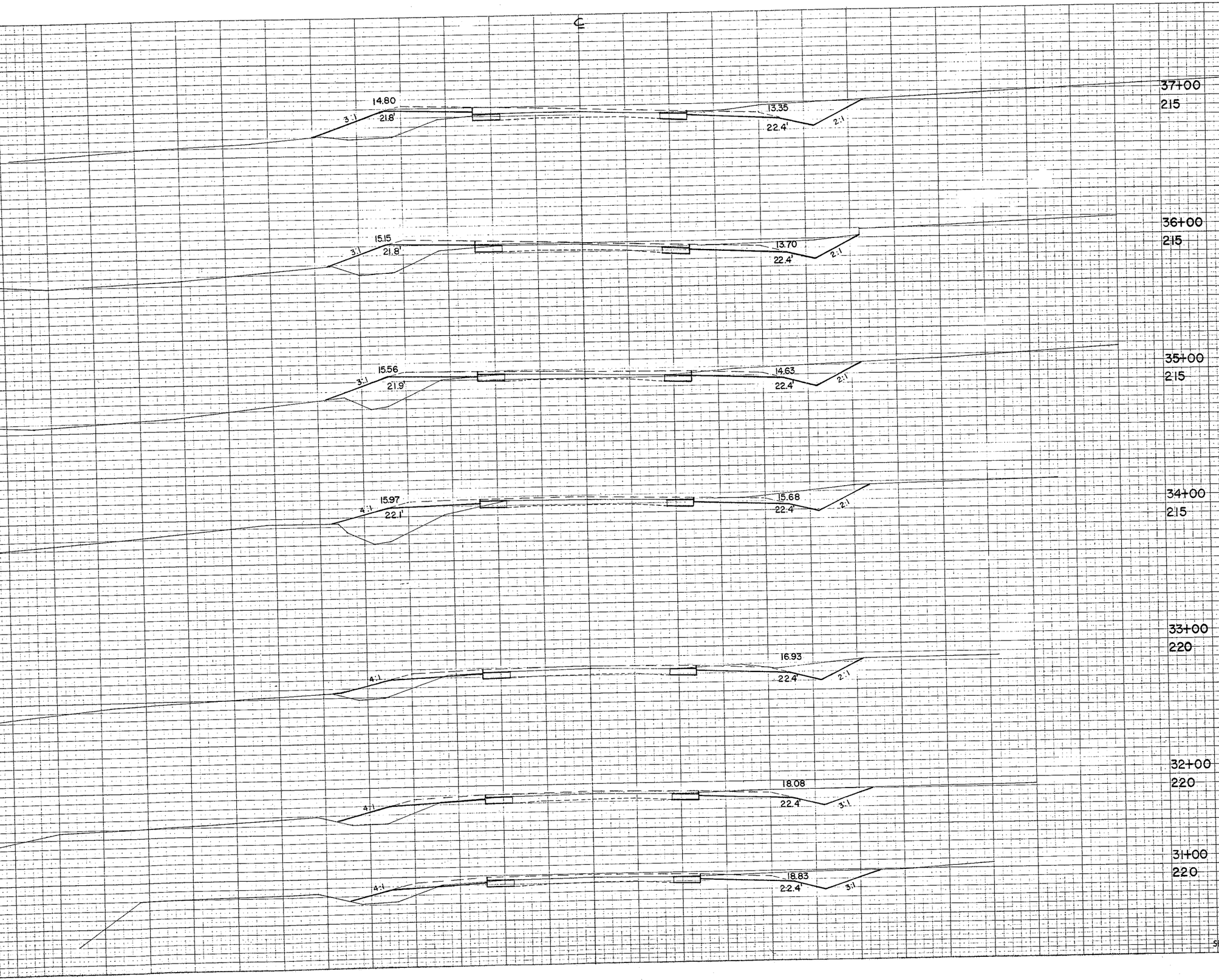


STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
30+00		COM	
215			
	25		
		31	106
29+55	26		
215		46	93
	27		
		44	78
	28		
		70	46
29+00	29		STA. 10-30 6 3 P.E.S. 25
215		67	
	29 +55		
		54	0
	30		
28+00			
215			
27+00			
215			
26+00			
210			
SHEET TOTAL		312	354

SURVEY NOTE BOOK NO. | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. 1 | SURVEYED J.C. | PLOTTED W.J.L. | TEMPLATE E.V.S. | AREAS E.V.S. | AREAS CHECKED 1"=60' 12-60 1-61 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	34	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
37+00			
215		C.O.M.	
	30		
36+00		102	19
215	31		
		102	41
	32		
		93	46
35+00	33		
215		93	85
	34		
		106	107
	35		STA. 30+40
		106	94
			I.S.R. 8 P.E.'S
34+00	36		100
215		111	113
	37		
33+00			
220			
32+00			
220			
31+00			
220			
SHEET TOTAL		713	605

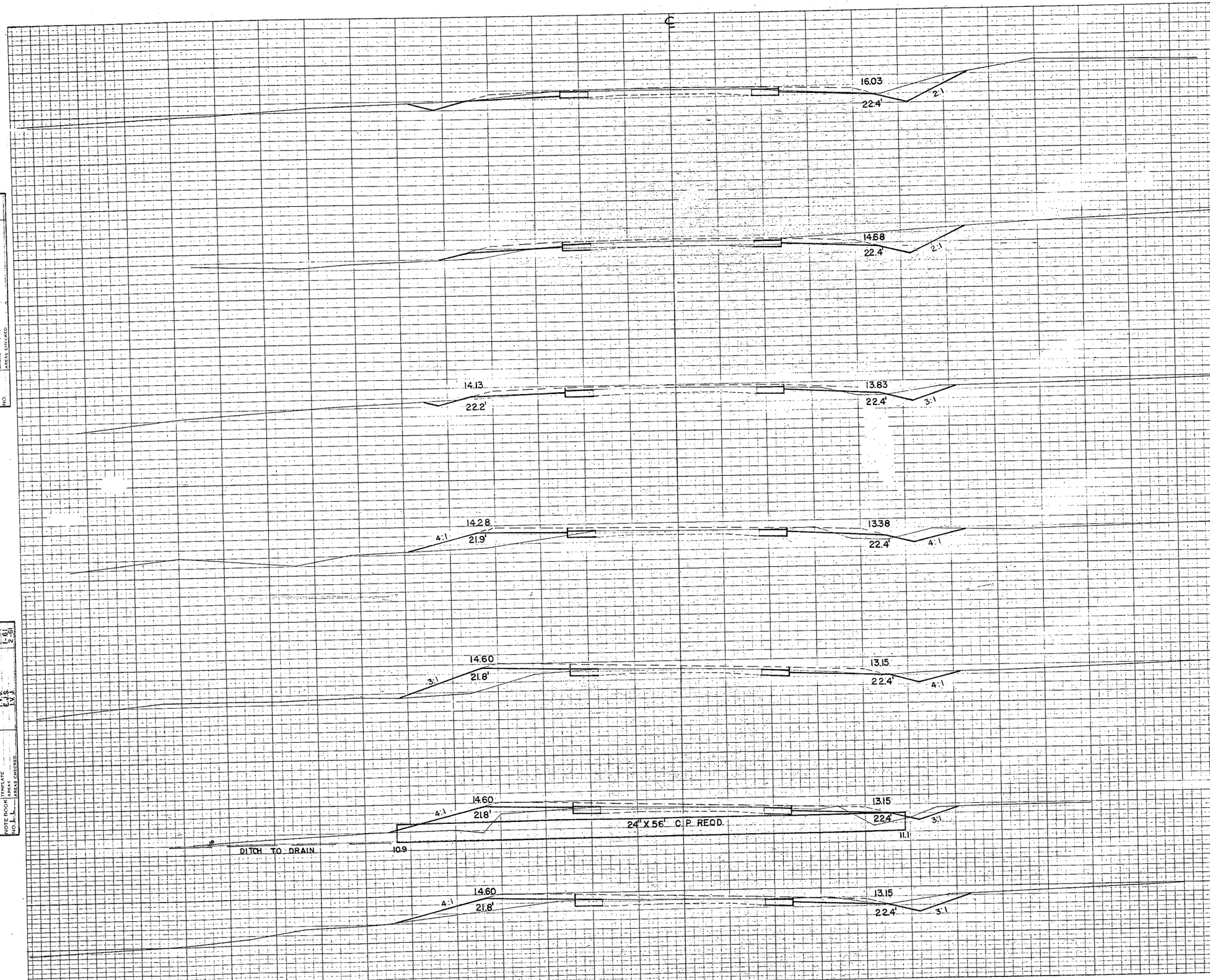
FINAL SURVEY
SURVEYED
PLOTTED
TRANSLAT
AREAS
AREAS CHECKED
NOTE BOOK
NO.

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

DATE	BY
11-60	J.J.C.
12-60	W.J.L.
1-61	E.J.S.
1-61	E.V.J.
2-61	

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	35	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
43+00			
215			
		COM.	
42+00		37	
215		93	94
		38	
		52	78
		39	S.R.75
		43	85
		40	
41+00		52	46
215		41	STA. 40-50
		89	17
		42	11 P.E.S.
		98	7
		43	1 S.R. 165
40+00			
215			
39+00			
210			
38+41.5			
215			
38+00			
215			
		SHEET TOTAL	427 567



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

ORIGINAL SURVEY	DATE
SURVEYED	11-60
PLOTTED	12-60
NOTE BOOK	1-61
TEMPLATE	1-61
AREAS	1-61
LINES CHECKED	2-61
NO.	
BY	J.J.C. W.J.L. E.V.S. E.V.S.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	36	98

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

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

BY: J. J. C. 11-60; W. J. L. 12-60; E. J. K. 1-61; F. V. J. 1-61; 2-61

℄

48+58 — 220 — 21.53 — 20.36 — 10:1 — 22.2' — 21.8'

48+00 — 220 — 21.25 — 19.80 — 4:1 — 22.4' — 21.8' — 3:1

47+77 — 220 — 21.10 — 19.65 — 3:1 — 22.4' — 21.8' — 3:1

47+00 — 220 — 20.60 — 19.15 — 4:1 — 22.4' — 21.8'

46+00 — 220 — 20.15 — 18.70 — 22.4' — 21.8'

45+00 — 220 — 19.22 — 18.13 — 22.4' — 21.9'

44+00 — 220 — 17.94 — 17.28 — 22.4' — 22.0' — 2:1

48+58

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		COM.	
48			
	81		0
44			
	52		37
45			
	20		69
46			
	41		46
47			
	52		57
48			
	19		46
SHEET TOTAL	265		255

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	WIS S014(3)	37	98



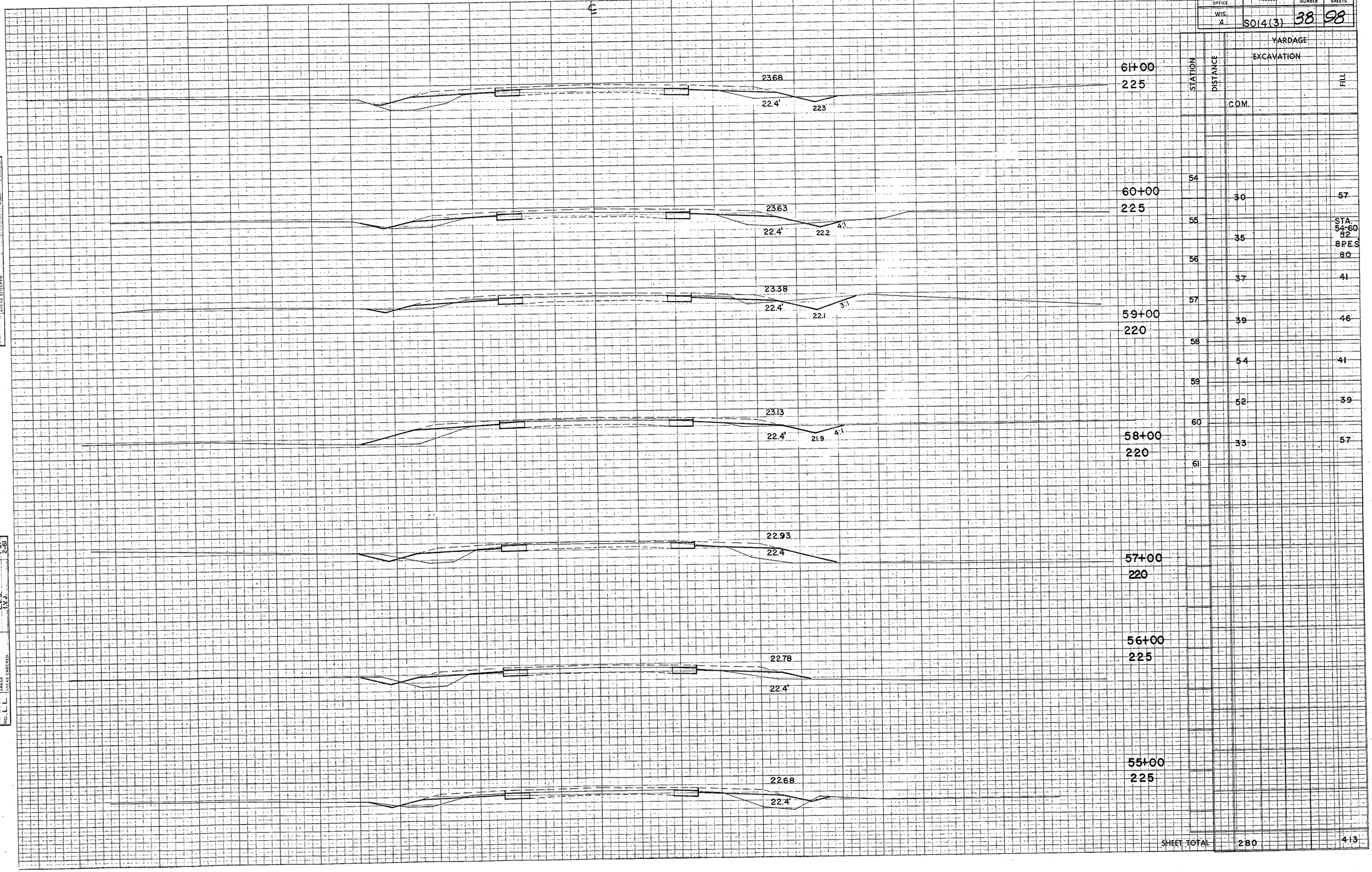
STATION	DISTANCE	YARDAGE EXCAVATION	FILL
54+00			
	220		
		COM.	
48			
+58			
53+00			
	220		
		15	22
49			
		50	35
50			
		30	17
50			
+45			
52+00			
	220		
		37	22
51			
		87	STA. 50-54 35 7PE.S 75
52			
		107	15
53			
		61	33
54			
51+00			
	220		
50+45			
	220		
50+00			
	220		
49+00			
	220		
SHEET TOTAL		387	254

FINAL SURVEY — SURVEYED 1-60; PLOTTED 12-60; TRACED 1-61; CHECKED 2-61

ORIGINAL SURVEY — SURVEYED J.J.C.; PLOTTED W.J.L.; TRACED V.V.L.; CHECKED E.J.S.; AREAS CHECKED I.V.J.

NOTE BOOK NO. L. L.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	38	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
61+00			
	225		
60+00			
	225		
59+00			
	220		
58+00			
	220		
57+00			
	220		
56+00			
	225		
55+00			
	225		
SHEET TOTAL		280	413

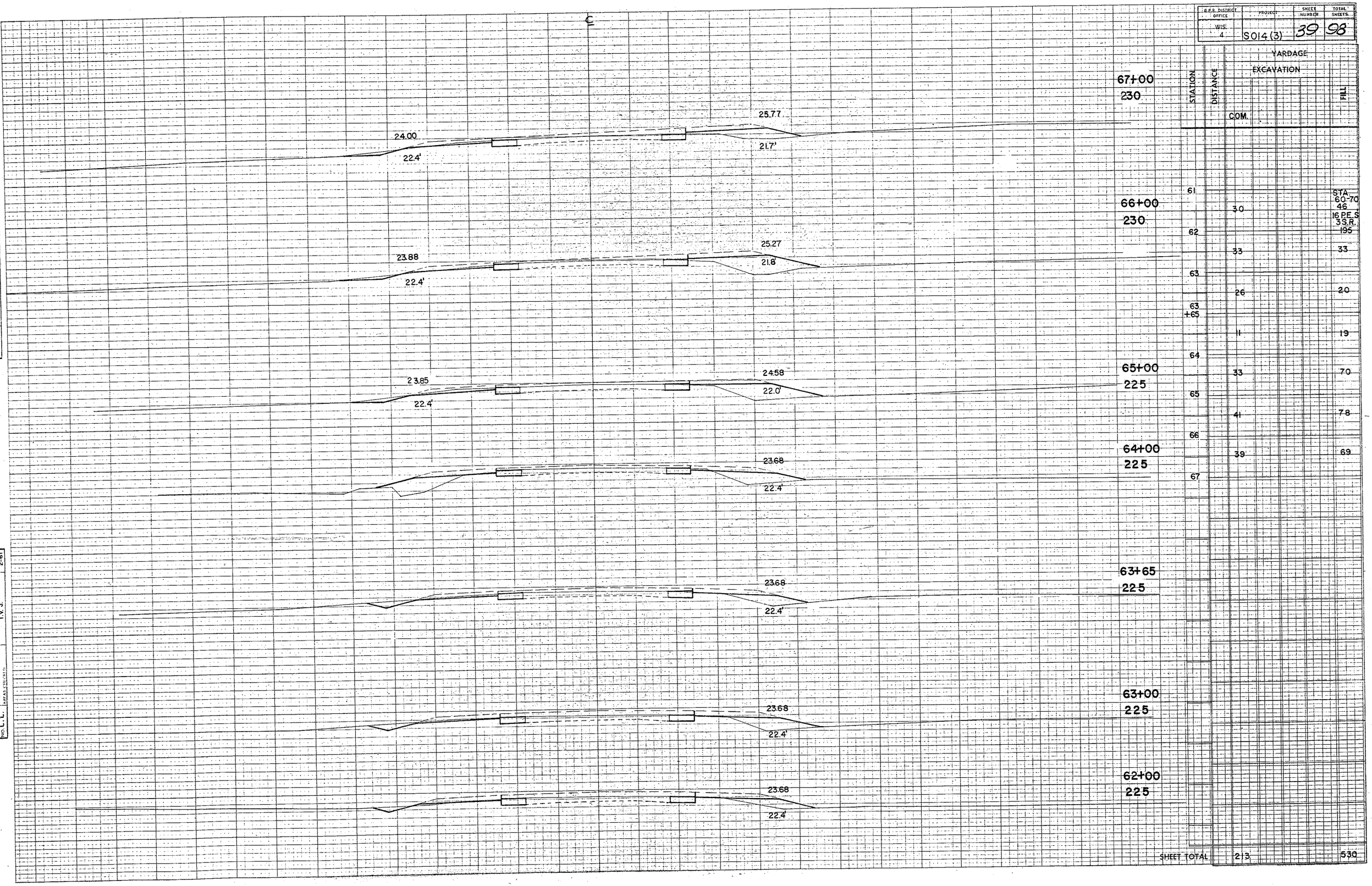
54 30 57
55 35 52
56 37 41
57 39 46
58 54 41
59 52 39
60 33 57
61

STA. 54-60 8 PE.S

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

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO. L. L.	SURVEYED	W.J.C.	1-60
	PLOTTED	W.J.L.	1-60
	TEMPLATE	I.V.J.	1-61
	AREAS	E.J.S.	1-61
	AREAS CHECKED	I.V.J.	2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	39	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
61	30		STA. 60-70 46 16 P.E.S. 3 S.R. 195
62	33		33
63	26		20
63+65	11		19
64	33		70
65	41		78
66	39		69
67			
SHEET TOTAL	213		530

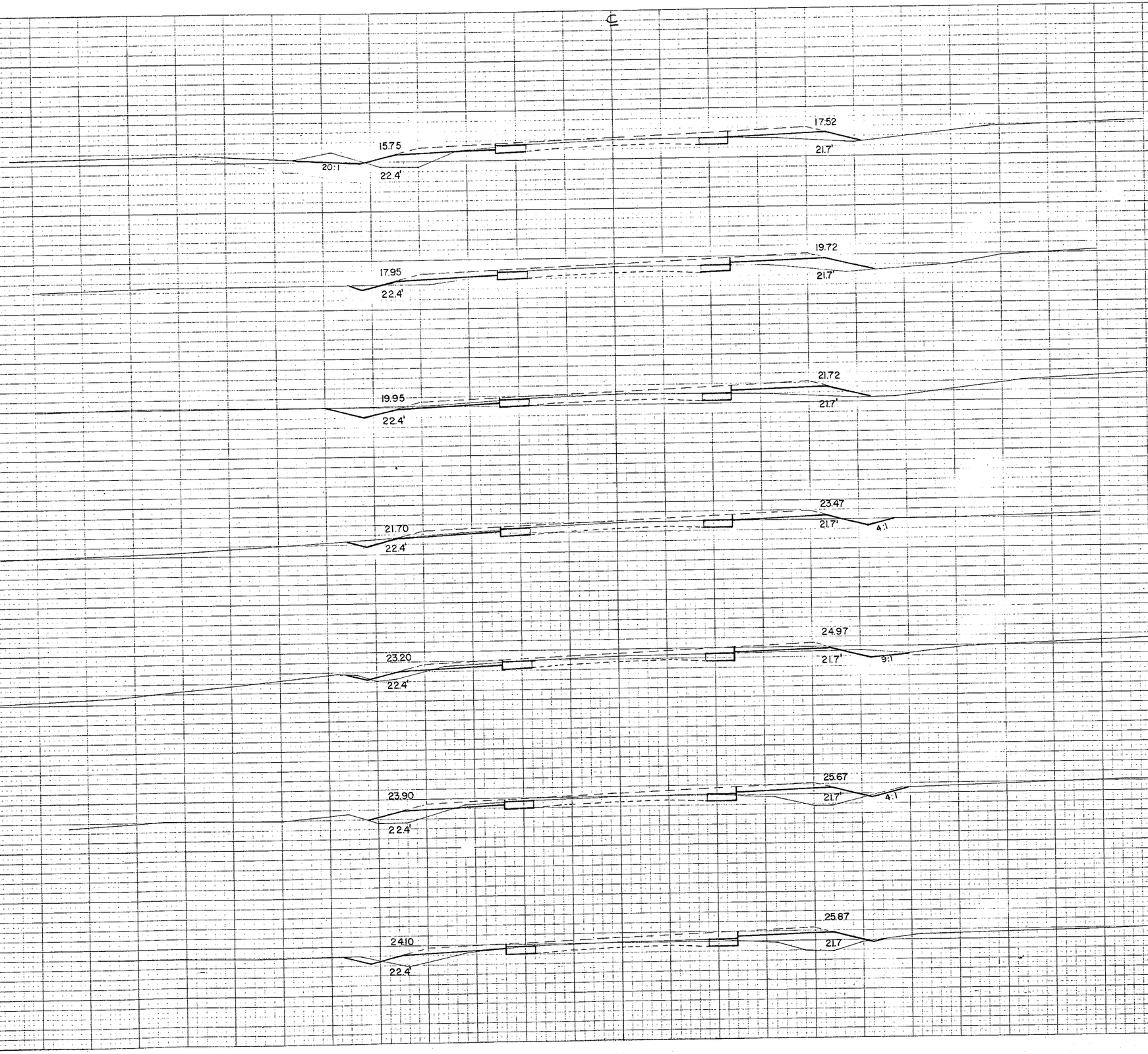
FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED

DATE 12-60 1-61 1-61 2-61

BY J. J. C. W. J. J. F. J. S. F. J. S.

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

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	40	98



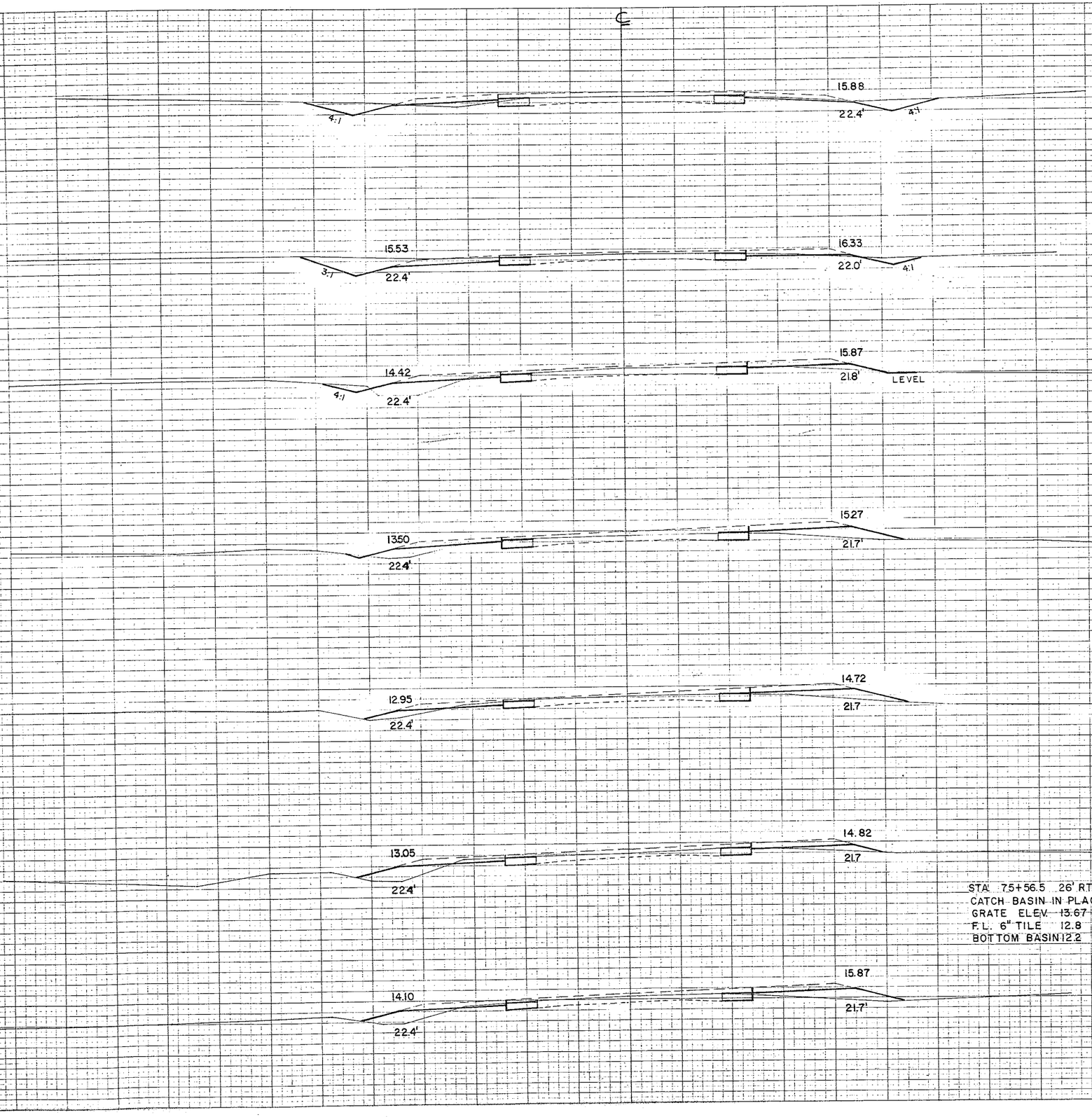
STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
74+00			
	220		
		67	
73+00			
	220		37 61
		68	
			33 81
		69	
			39 54
		70	
72+00			
	220		46 17
		71	
			48 24
		72	
			37 43
		73	
71+00			
	220		22 56
		74	
70+00			
	220		
69+00			
	220		
68+00			
	220		
SHEET TOTAL		262	336

SURVEY SUPERVISED BY J.J.C. COMPUTED BY W.J.L. CHECKED BY I.V.J. PLOTTED BY E.V.S. AREA CHECKED BY I.V.J.

1"=60' 2-61
1"=6' 2-61

ORIGINAL SURVEY NOTE BOOK NO. L. L. SUPERVISED BY J.J.C. COMPUTED BY W.J.L. PLOTTED BY I.V.J. AREA CHECKED BY

R.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	41	98



STA 75+56.5 26' RT.
CATCH BASIN IN PLACE (TO REMAIN)
GRATE ELEV. 13.67
F.L. 6" TILE 12.8
BOTTOM BASIN 12.2

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
81+00			
	215		
		COM.	
		74	
80+00			
	215	24	63
		75	
		30	STA. 70-85 54 3PES. 2S.R. 70
		76	
79+00			
	215	28	44
		77	
		24	48
		78	
		28	44
		79	
78+00			
	215	67	22
		80	
		81	11
		81	
77+00			
	215		
76+00			
	215		
75+00			
	210		
SHEET TOTAL		282	356

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

ORIGINAL SURVEY — SURVEYED J.J.C. 11-60 — PLOTTED W.J.L. 12-60 — TEMPLATE L.V.J. 1-61 — NOTE BOOK — AREAS L.V.J. 1-61 — AREAS CHECKED L.V.J. 2-61 — NO. L. L.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	42	98

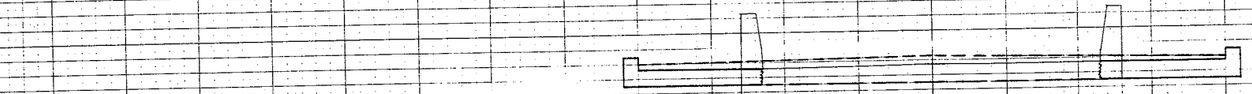
FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

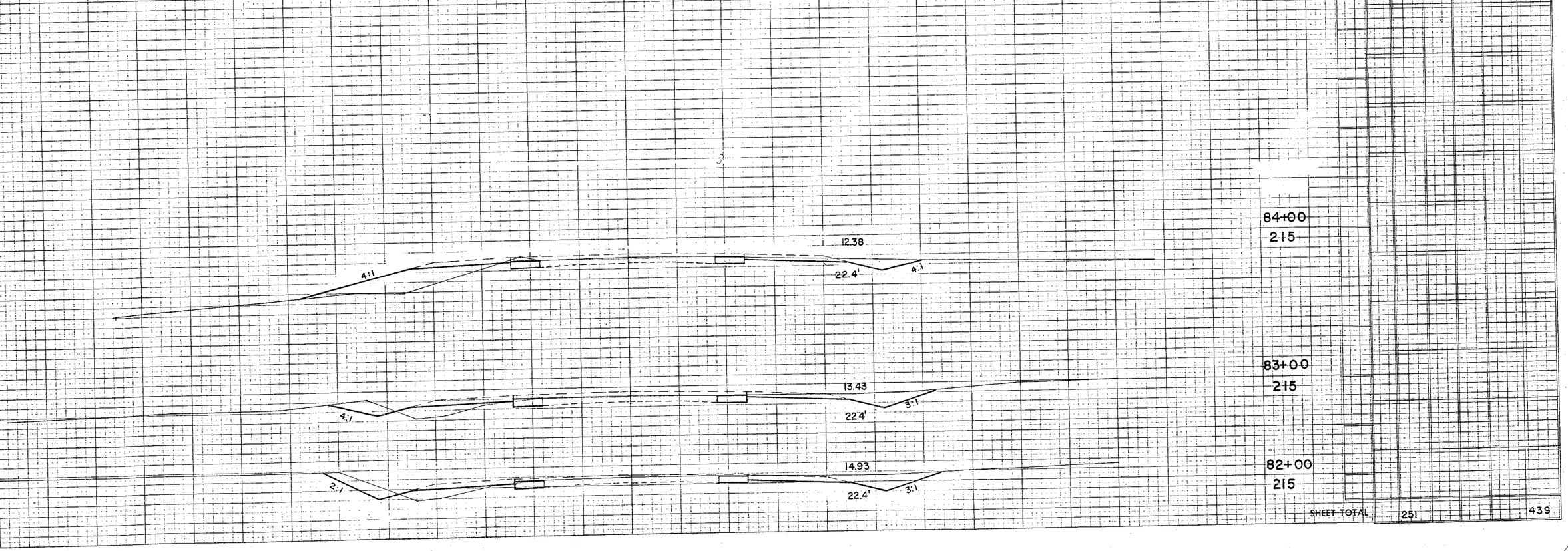
ORIGINAL SURVEY — NOTE BOOK NO. L.L. — SURVEYED J.J.C. — PLOTTED R.C.T. — TEMPLATE L.V.J. — AREAS E.V.S. — AREAS CHECKED L.V.J.

DATE 11-60, 12-60, 1-61, 1-61, 2-61

STA. 84+55.7 — 84+75.4
BITUMINOUS SURFACE TO BE FULL DEPTH
AND FULL WIDTH OVER STRUCTURE.

STATION	DISTANCE	YARDAGE EXCAVATION COM	YARDAGE EXCAVATION FILL
84+65.6			
215			
81			
	87		22
82			
	104		28
83			
	56		76
84			
	4		313
84 +55.7			

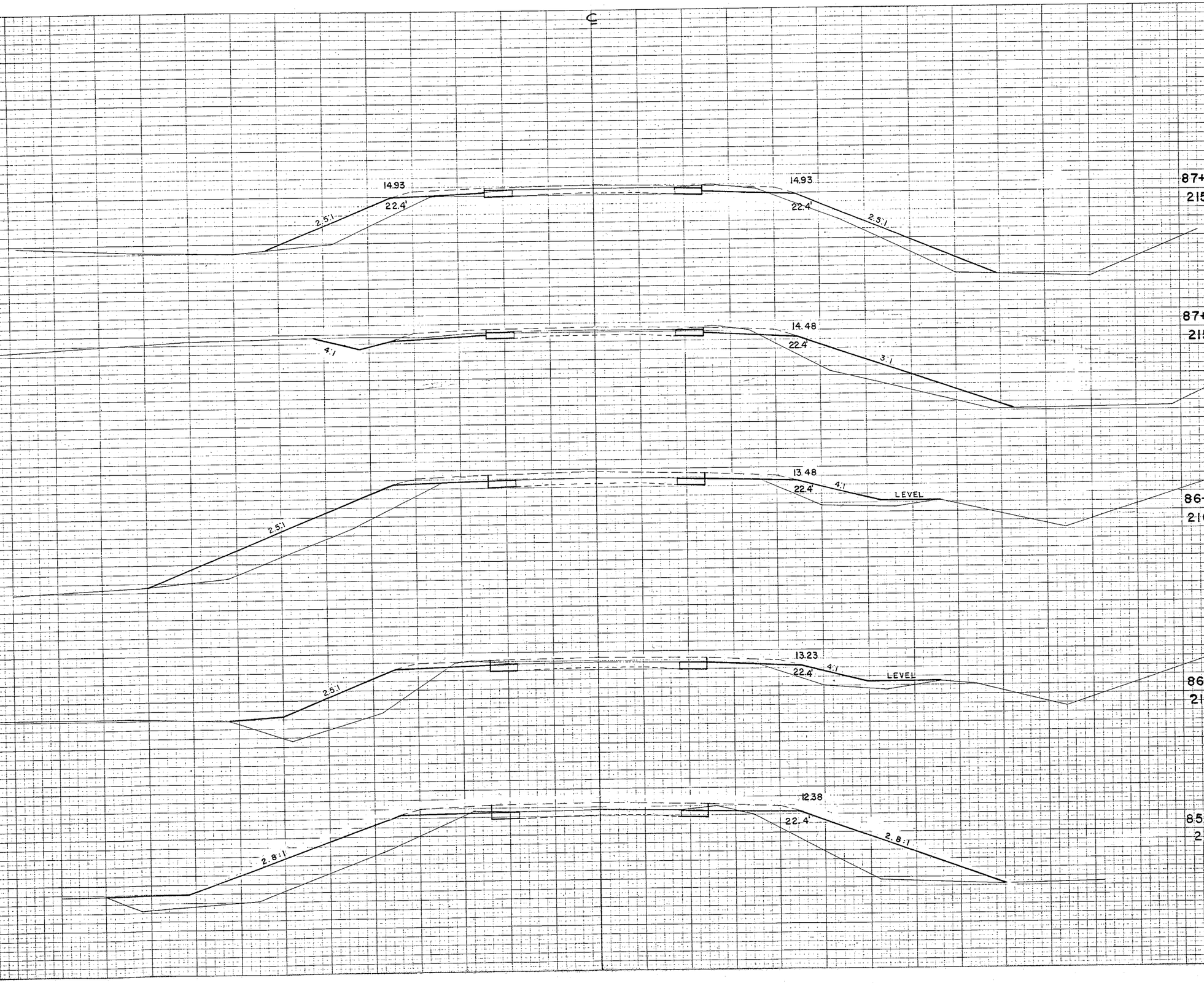




SHEET TOTAL 251 439

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	43	98

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
87+40			
	215		
84 +75.4			
		2	213
85			
		24	513
86			
87+00			
	215		
		4	48
86 +15			
		44	220
87			
		24	74
87 +40			
86+15			
	210		
86+00			
	210		
85+00			
	210		



FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS CHECKED
NO.

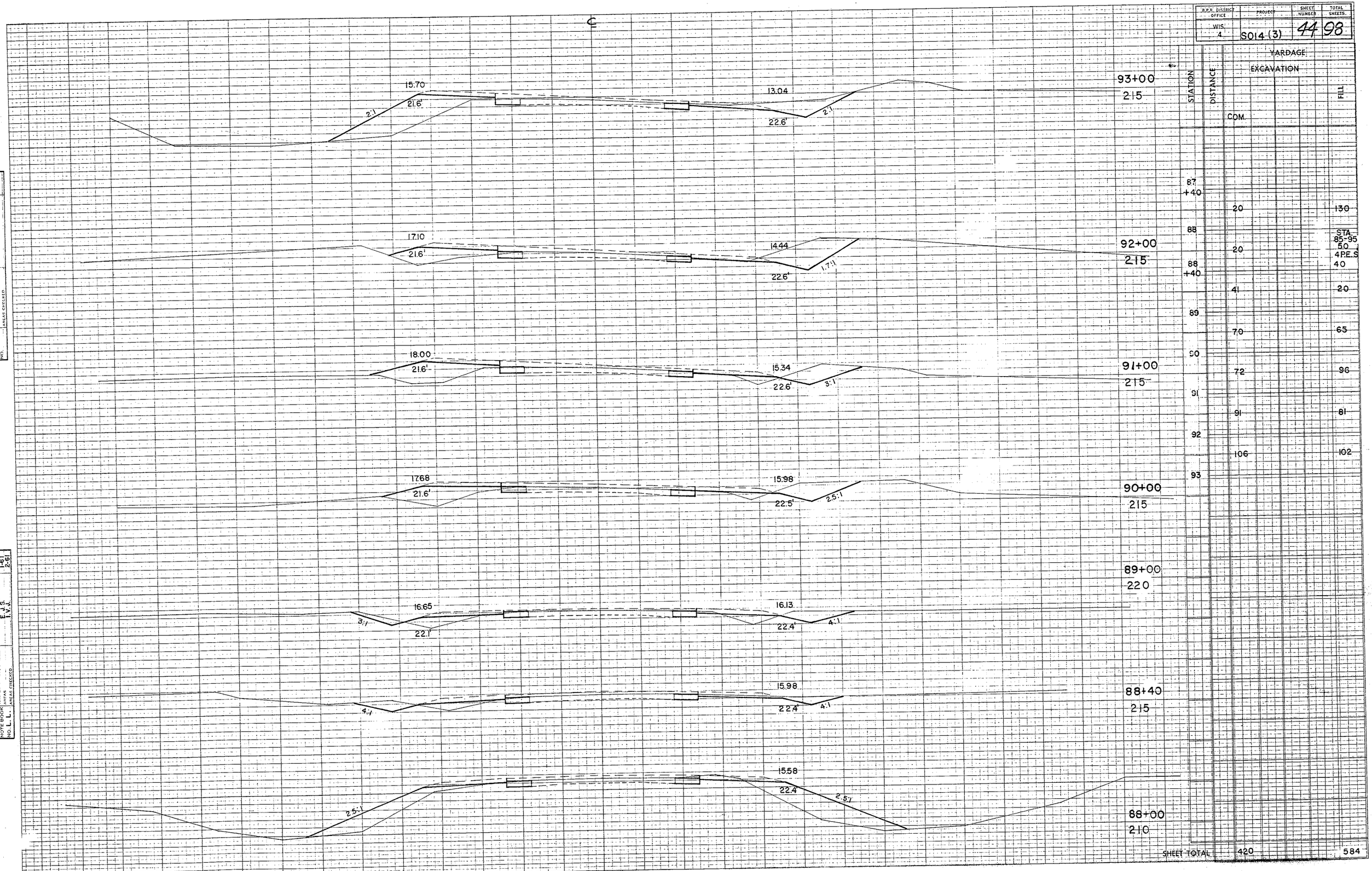
DATE
11-60
12-60
1-61
1-61
2-61

BY
J.J.C.
R.C.T.
I.V.J.
E.J.S.
I.V.J.

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

SHEET TOTAL 98 1068

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014 (3)	44	98



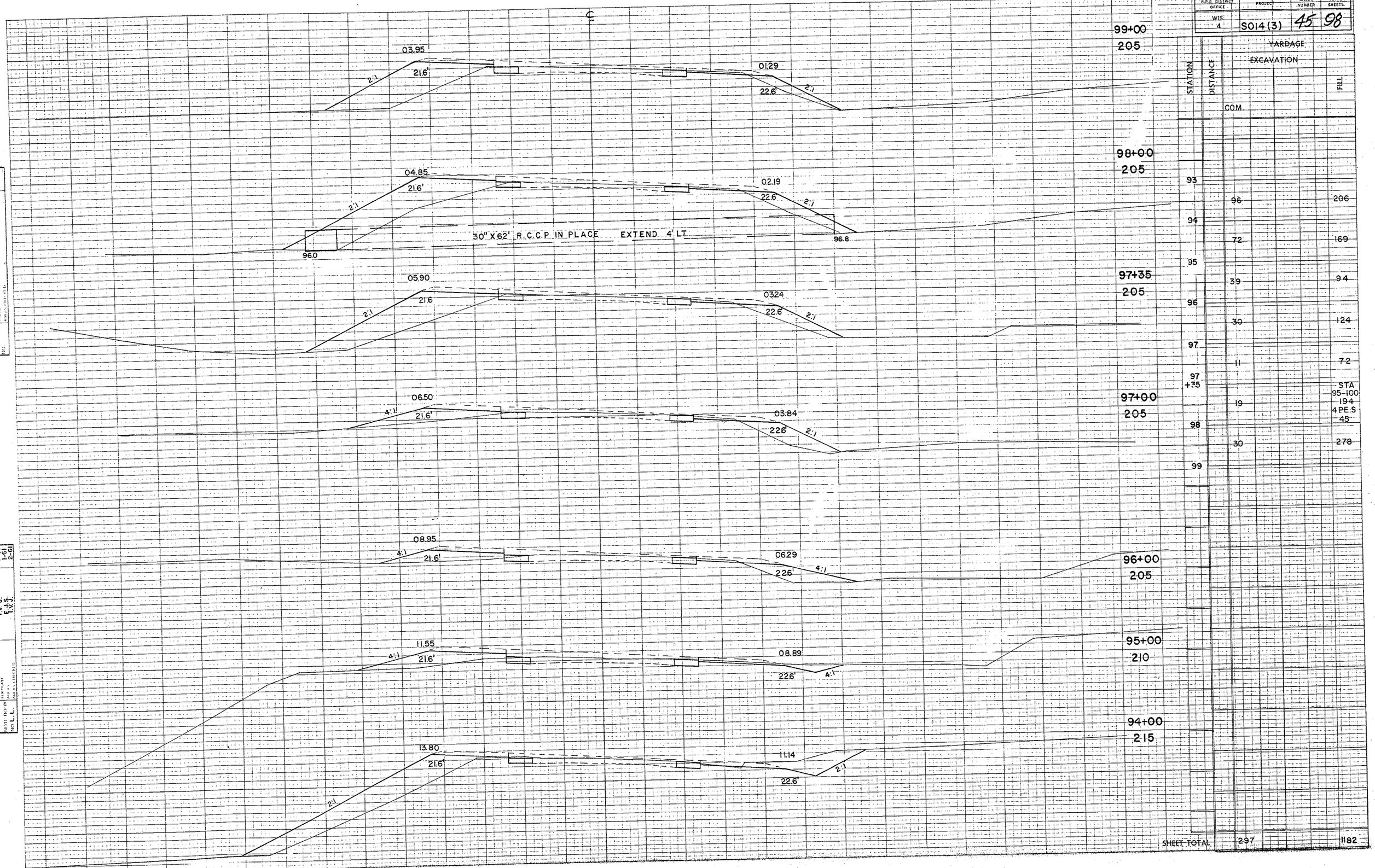
STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
87 +40			
	20		130
88			STA. 85-95 50 4 P.E.S.
	20		40
88 +40			
	41		20
89			
	70		65
90			
	72		96
91			
	91		81
92			
	106		102
93			
SHEET TOTAL	420		584

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

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

BY	DATE
J. J. C.	11-60
R. C. T.	12-60
I. V. J.	1-61
E. J. S.	1-61
I. V. J.	2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	45	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
	COM.		
93			
	96		206
94			
	72		169
95			
	39		94
96			
	30		124
97			
	11		72
97 +35			STA 95-100 194 4 PE.S 45
	19		
98			
	30		278
99			
SHEET TOTAL	297		1182

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREA CALCULATED
NOTE BOOK
NO. L. L.

PART	BY
1-60	J. J. C.
2-60	R. C. T.
1-61	E. V. J.
2-61	T. V. S.

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREA CALCULATED
NOTE BOOK
NO. L. L.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	46	98

FINAL SURVEY
SURVEYED
PLOTTED
NOTE BOOK
NO.
TEMPLATE
AREAS CHECKED

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

DATE	BY
11-60	J.J.C.
12-60	R.C.T.
1-61	E.V.S.
1-61	E.V.S.
2-61	E.V.S.

℄

03.23 — 2:1 — 22.4' — 3:1 — 104+55 — 200

03.03 — 14:1 — 22.4' — 2.5:1 — 104+00 — 200

03.32 — 3.6:1 — 22.0' — 02.66 — 22.4' — 4:1 — 103+00 — 200

03.34 — 4:1 — 21.9' — 02.33 — 22.4' — 4:1 — 102+70 — 195

03.66 — 21.8' — 01.84 — 22.5' — 102+00 — 200

04.00 — 2.5:1 — 21.6' — 01.34 — 22.6' — 00.3 — 2.5:1 — 101+00 — 200

04.00 — 4:1 — 01.34 — 22.6' — 00.1 — 2.5:1 — 100+00 — 205

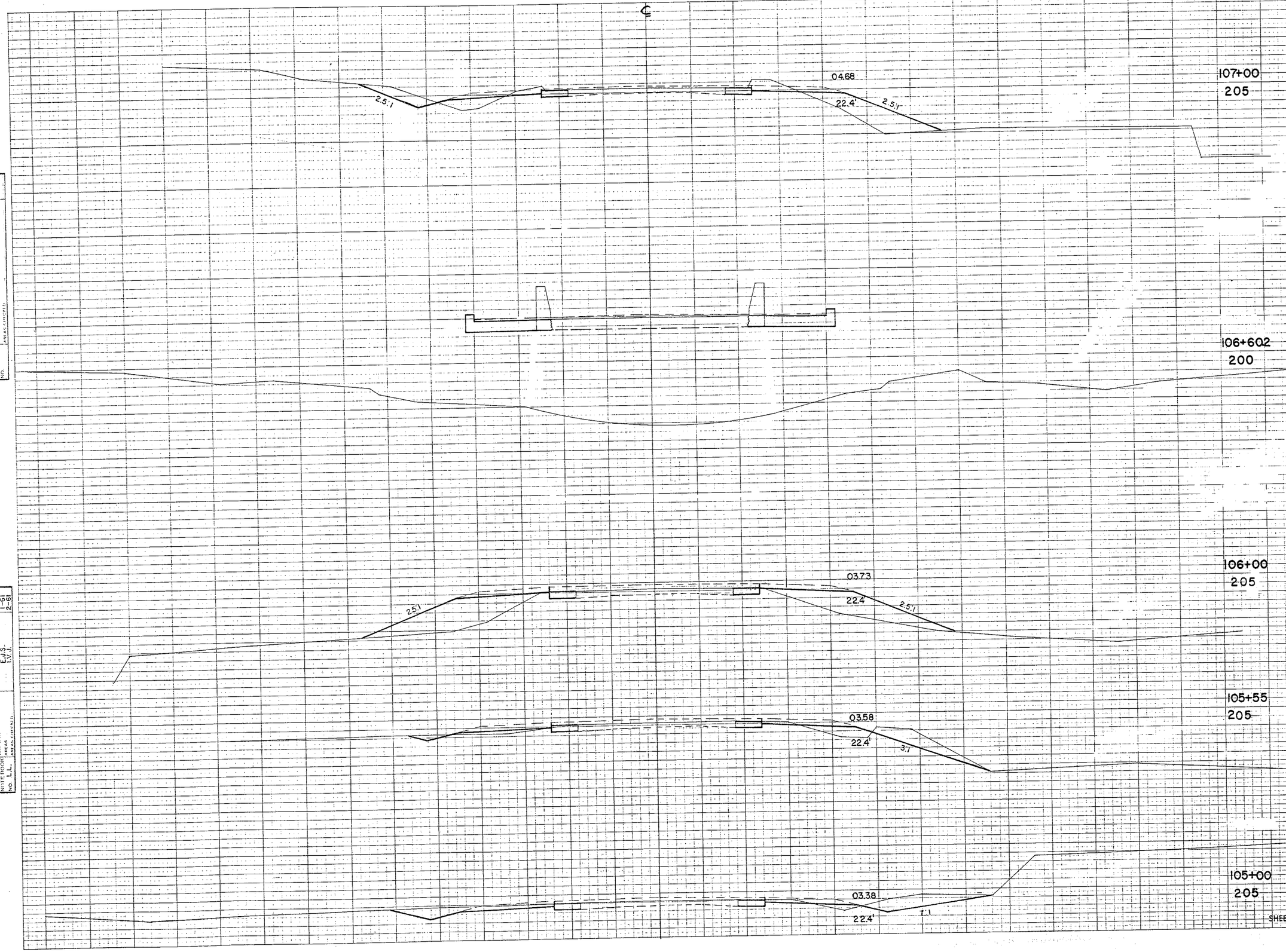
STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
99			
	37		148
100			
	46		94
101			
	41		96
102			
	35		28
102 +70			STA. 100-106 9 4P.E.S.
	17		45
103			
	80		35
104			
	80		6
104 +55			
SHEET TOTAL	336		461

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	47	98

FINAL SURVEY — SURVEYED / PLOTTED / TRACED / AREAS COMPUTED / DATE / BY

DATE	BY
12-60	W.J.C.
12-60	W.J.L.
1-61	I.V.J.
1-61	E.J.S.
2-61	I.V.J.

ORIGINAL SURVEY — SURVEYED / PLOTTED / TRACED / AREAS COMPUTED — NO. L.L.



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
104 +55			
	69		2
105			
	61		13
105 +55			
	26		70
106			
	6		181
106 +50.4			
BRIDGE			
106 +70.1			
	11		83
107			
SHEET TOTAL		173	349

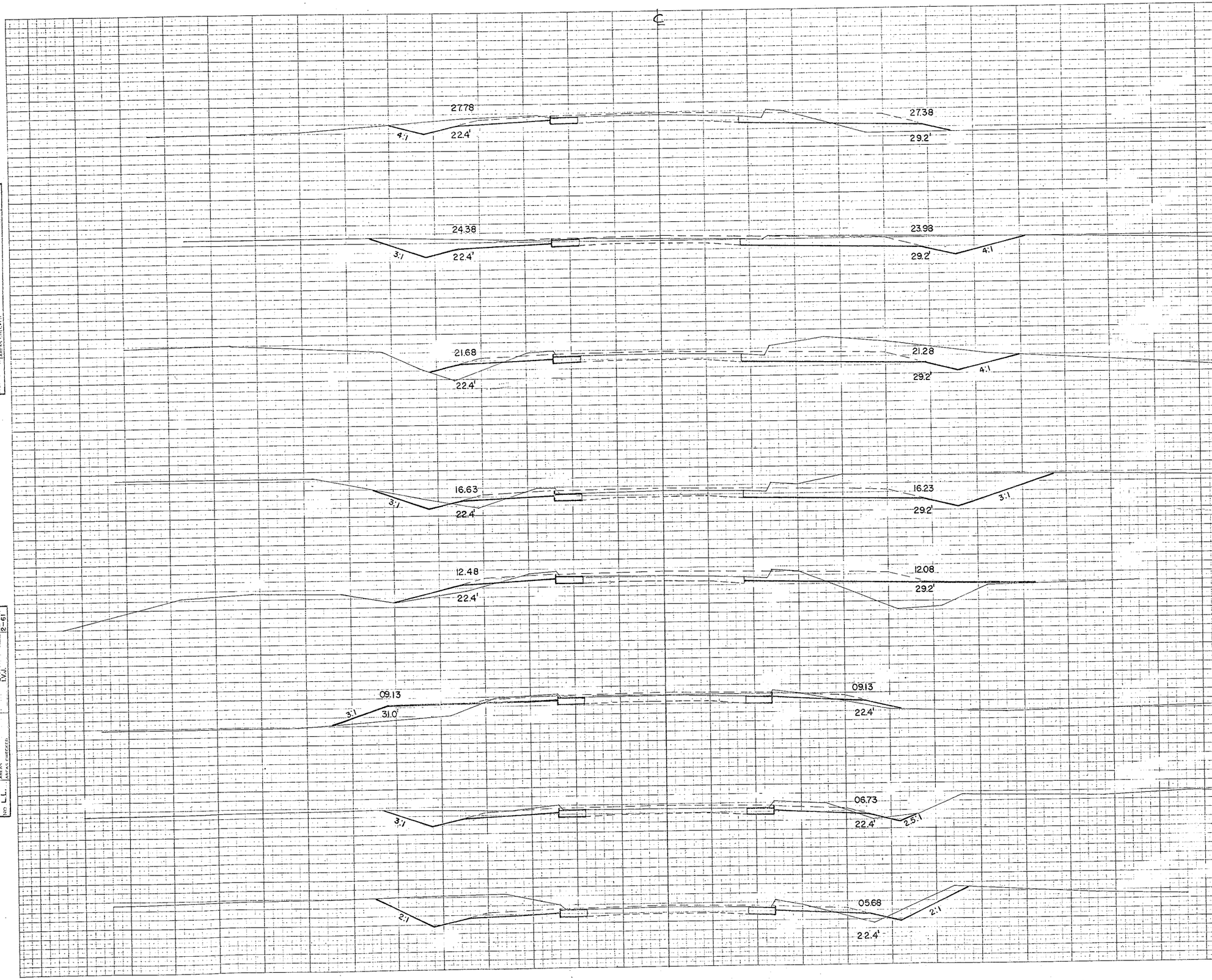
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	48	98

ORIGINAL SURVEY — SURVEYED — PLOTTED — TEMPLATE — AREAS — NOTE ERROR — NO. — AREAS CHECKED

DATE 11-60 12-60 1-61 1-61 2-61

BY J.J.C. R.C.J. I.V.J. E.J.S. I.V.J.

ORIGINAL SURVEY — SURVEYED — PLOTTED — TEMPLATE — AREAS — NOTE ERROR — NO. L.L. — AREAS CHECKED



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
113+00			
230			
	COM.		
112+46			
225			
107	81		31
107 +50			
	94		6
108			
	96		13
			P.E. 10
109			
112+00	57		74
220	S.R.50		S.R.590
110			
	189		72
			P.E. 10
111			
111+00	280		19
220			
112			
	107		6
112 +46			P.E. 10
	87		9
			P.E. 10
113			
110+00			
210			
109+00			
210			
108+00			
205			
107+50			
205			
SHEET TOTAL		1041	860

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	49	98

STATION	DISTANCE	YARDAGE EXCAVATION C.O.M.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
113				
	78			183
114				
	137			165
115				
	180			22
116				P.E.30
	167		139	69
117				
	191		630	46
118				

1:1

1:1

61.28

18.5'

63.05

28.6'

118+00

260

1:1

1:1

54.48

18.5'

56.25

28.6'

1.5:1

BLOOMQUIST MACHINE SHOP

117+00

255

3:1

47.53

20.5'

49.40

4:1

28.6'

116+00

250

3:1

41.05

22.4'

41.97

29.0'

3:1

115+00

240

4:1

34.53

22.4'

34.41

29.3'

2:1

114+00

235

SHEET TOTAL 753 69 515

FINAL SURVEY — SURVEYED — PLOTTED — NOTE BOOK — NO. L.L.

ORIGINAL SURVEY — SURVEYED — PLOTTED — NOTE BOOK — NO. L.L.

DATE	BY
11-60	H.J.C.
12-60	R.C.T.
1-61	I.V.J.
1-61	E.J.S.
2-61	I.V.J.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	50	98

STA. 121+00
24" X 60' C.P. REQD.
SKEW 30° L.H.F.
24' LT & 36' RT.
DITCH DAM REQD.

80.9

78.7

1:1

1/4:1

82.05
18.4'

81.81
29.3'

121+00
280

75.01
18.4'

75.81
29.0'

2:1

120+00
270

TOE OF EMBANKMENT TO BE CONSTRUCTED FROM ROCK EXCAVATION

69.80
28.6'

6803
18.5'

119+00
270

STATION	DISTANCE	YARDAGE EXCAVATION COM	YARDAGE EXCAVATION ROCK	YARDAGE FILL
118		331	820	4
119		454	417	243
120		406	331	241
121				
SHEET TOTAL		1191	1568	488

SURVEY NOTE BOOK NO. — PLOTTED — TEMPLATE — AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. LL — SURVEYED — PLOTTED — TEMPLATE — AREAS CHECKED

J.J.C. 11-60
R.O.T. 12-60
L.V.J. 1-61
E.W.S. 2-61
L.V.J.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	51	98

STATION	DISTANCE	YARDAGE EXCAVATION C.O.M.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
121				
		437	404	324
122				
		478	306	1611
123				

1:1

1:4:1

95.40

18.4'

℄

94.83

29.2'

2:1

123+00

290

1:1

1:4:1

88.90

18.4'

℄

88.33

29.2'

2:1

122+00

290

TOE OF EMBANKMENT TO BE CONSTRUCTED FROM ROCK EXCAVATION

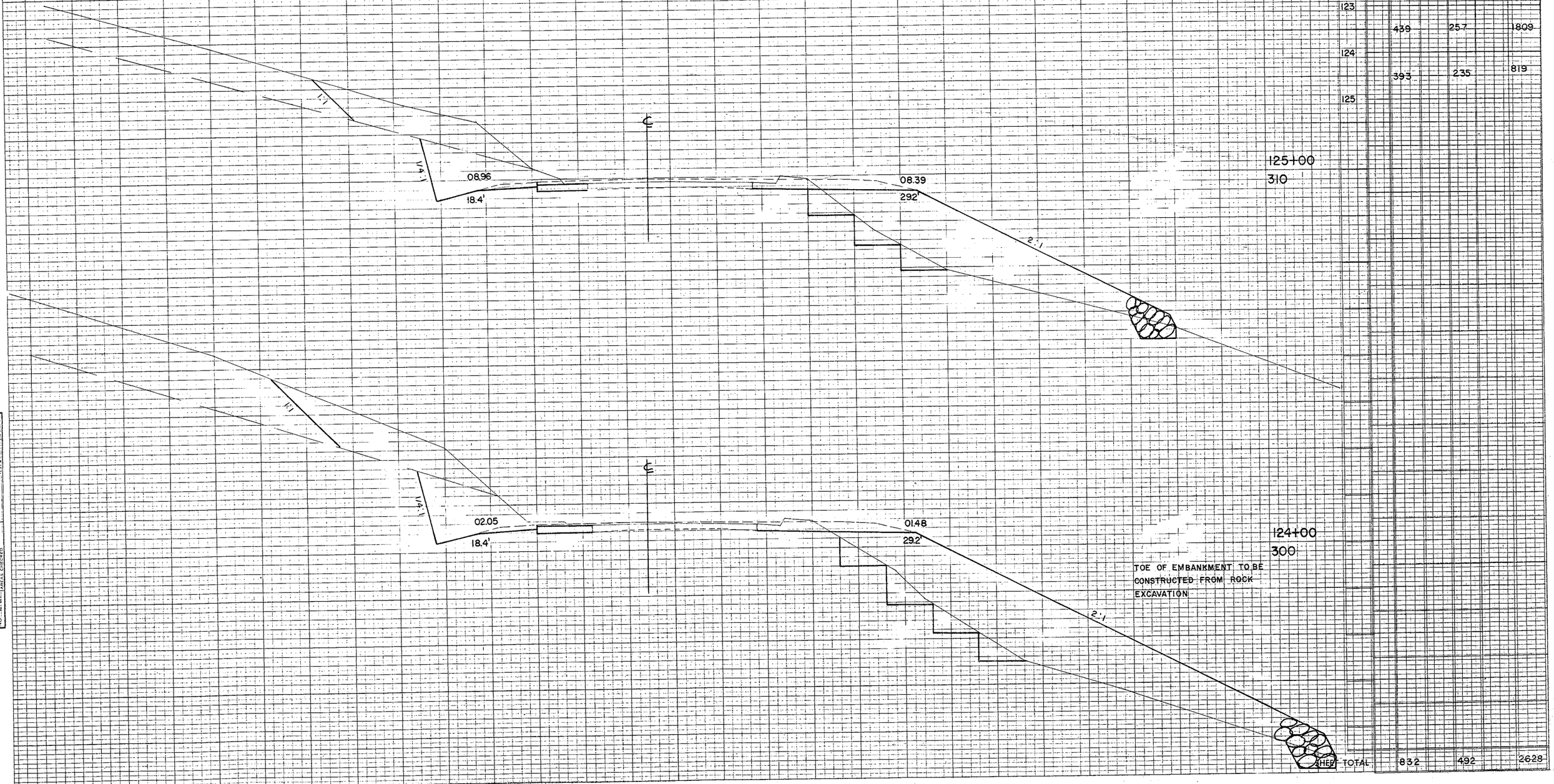
SHEET TOTAL	915	710	1935

SURVEY NOTE BOOK NO. — SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED

ORIGINAL SURVEY NOTE BOOK NO. L.L. — SURVEYED J.J.C. 11-60; PLOTTED R.C.T. 12-60; TEMPLATE E.V.S. 1-61; AREAS I.V.J. 1-61; AREAS CHECKED 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	52	98

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
123	439	25.7		1809
124	393	235		819
125				
THEP TOTAL		832	492	2628



SURVEY: SURVEYED — J.J.C. 1-60; COMPUTED — R.C.T. 12-60; PLOTTED — E.V.S. 1-61; TEMPLATE — E.V.S. 1-61; NOTE BOOK — ; AREAS — ; NO. — ; AREAS CHECKED — L.L. 2-61

ORIGINAL SURVEY

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS 4	S014(3)	53	98

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
125				
		326	139	759
126				
		317	72	676
127				
128+00				
330		428	215	213
128				

STA 128+00
24" X 60' C. P. REQD.
SKEW 30° L. H. F.
24' LT. & 36' RT.
DITCH DAM REQD.

30.6
27.6
1:1
1:1
31.65
18.4'
31.08
29.2'
3:1

127+00
320

1:1
1:1
23.55
18.4'
22.98
29.2'
2:1

TOE OF EMBANKMENT TO BE CONSTRUCTED FROM ROCK EXCAVATION

126+00
310

1:1
1:1
15.95
18.4'
15.38
29.2'
2:1

SHEET TOTAL	1071	426	1648

FINAL SURVEY — NOTE BOOK NO. L.L. — COMPUTED / PLOTTED / TRACED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

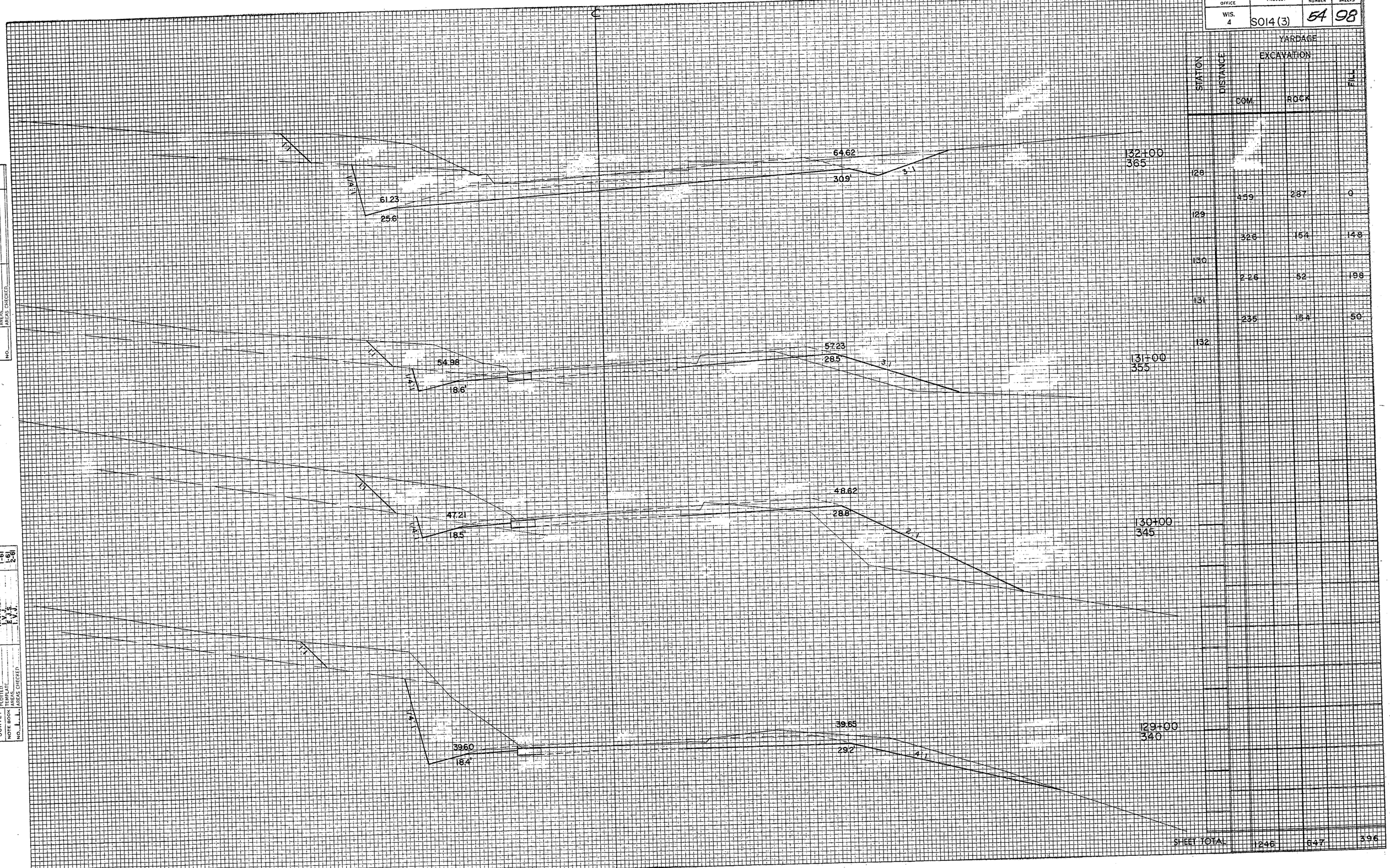
ORIGINAL SURVEY — NOTE BOOK NO. L.L. — COMPUTED J.J.C. 11-60 / PLOTTED G.D.J. 12-60 / TRACED J.V.J. 1-61 / TEMPLATE J.V.J. 1-61 / AREAS J.V.J. 2-61 / AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	54	98

FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
NO.
AREAS CHECKED

ORIGINAL SURVEY
SURVEYED J.J.C. 1-60
PLOTTED R.C.T. 2-60
TEMPLATE E.V.J. 1-61
NOTE BOOK
NO. L.L. AREAS CHECKED E.V.J. 2-61

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
132+00				
365				
	128			
		459	287	0
	129			
		326	154	148
	130			
		226	52	198
	131			
		235	154	50
	132			
131+00				
355				
130+00				
345				
129+00				
340				
SHEET TOTAL		1246	647	396



B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	55	98

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
132				
		47	241	0
				PE. 10
133				
		639	176	0
134				
		722	120	6
135				
		778	56	15
136				

136+00
390

135+00
385

134+00
380

133+00
370

SHEET TOTAL 2556 593 31

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

ORIGINAL SURVEY		BY	DATE
SURVEYED	J.J.C.		11-60
PLOTTED	W.J.L.		2-61
NOTE BOOK	V.J.J.		1-61
TEMPLATE	E.J.S.		1-61
AREAS	I.V.J.		2-61
AREAS CHECKED			
NO. L.L.			

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	56	98

STATION	DISTANCE	YARDAGE EXCAVATION COM	YARDAGE EXCAVATION FILL
141+00			
395			
	346'		
LEVEL			
136		41	152
			PE. 30
137		24	643
140+00			
390			
138		0	963
139		0	676
140		2	306
141			
139+00			
390			
138+00			
390			
137+00			
390			
SHEET TOTAL		867	2770

96.67
25.9'
93.04
34.6'
LEVEL
95.77
26.2'
93.12
34.0'
3:1
94.24
27.0'
93.48
32.4'
3:1
92.27
26.7'
90.2'
92.18
32.4'
2:1
24" X 72" C.M.C.P. REQD.
85.9
90.07
26.7'
3:1
90.47
32.3'
4:1

NOTE: WATER FROM LEFT OLD ROAD DITCH TO BE BLOCKED AND DITCHED TO NEW PIPE @ STA 138+00

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

ORIGINAL SURVEY
SURVEYED W.J.C. 12-60
PLOTTED W.J.L. L-61
NOTE BOOK L.L. F.V.J. 2-61
NO. L.L.
TEMPLATE
AREAS
AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	57	98

C

30"X64' C. P REQD DITCH DAM REQD

96.0

940

3:1

145+89
395

98.58

26.0

95.19

34.4

3:1

145+00
395

98.17

8:1

96.9

25.9'

94.54

34.6

LEVEL

144+00
395

97.67

15:1

25.9

94.04

34.6

143+00
395

97.17

30:1

25.9

93.54

34.6

142+00
395

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
	COM.		
141		6.7	278
142	11		241
143	78		130
144	96		204
145			

SHEET TOTAL 352 853

SURVEY NOTE BOOK NO. PLOTTED PLOTTED AREAS CHECKED

J.J.C. W.V.J. E.J.S. I.V.J.

11-60 1-61 1-61 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	58	98

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

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

BY	DATE
V.J.C.	11-60
R.V.C.T.	12-60
V.J.J.	1-61
E.J.S.	1-61
V.V.J.	2-61

℄

09.98
3:1
22.4'
10.19
22.3'

3:1
07.78
22.4'

3:1
05.63
22.4'

4:1
03.33
22.4'
01.4

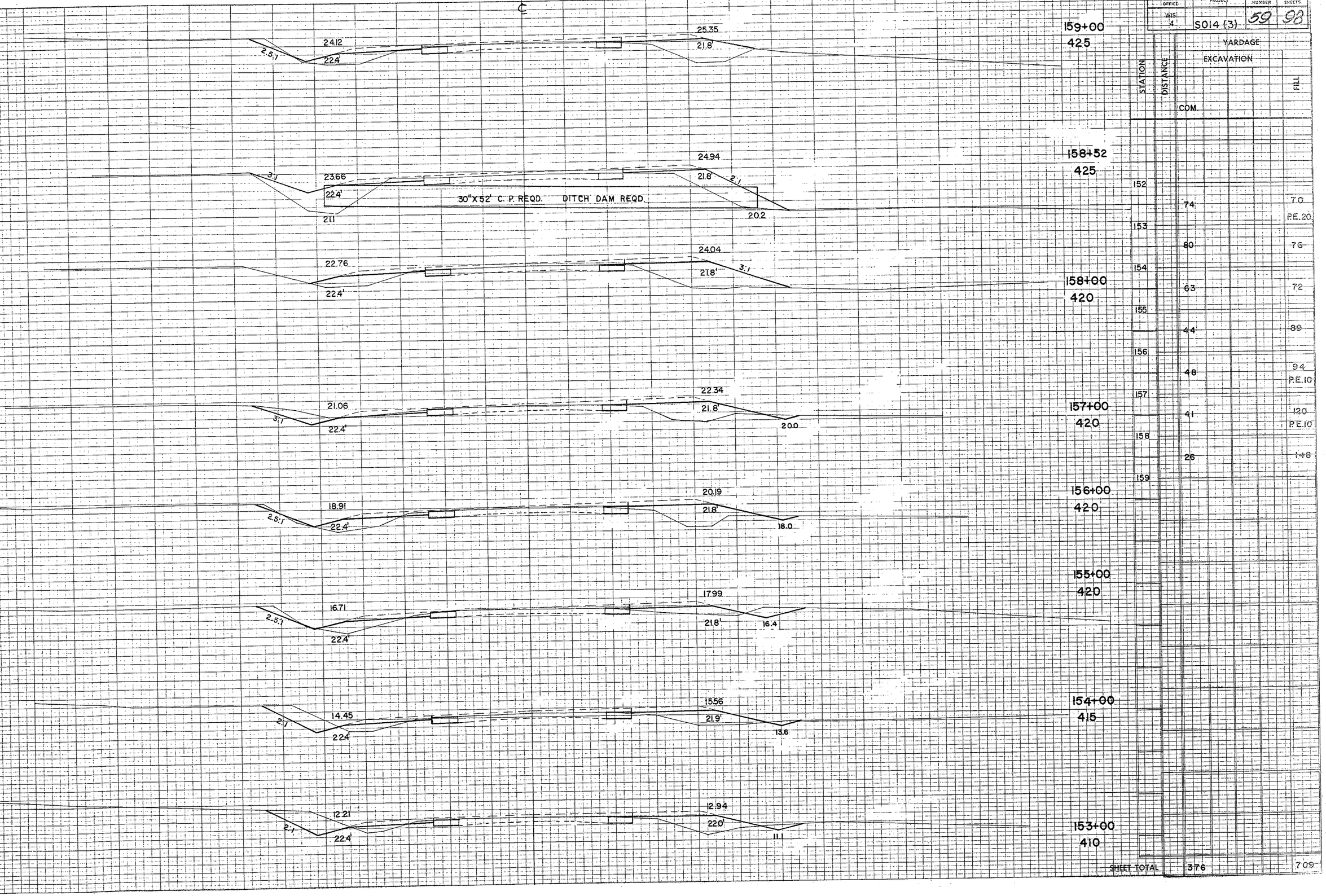
10:1
01.28
22.4'
99.6

3:1
98.73
27.1'
98.46
27.4'
3:1

3:1
98.41
26.6'
96.79
31.6'
3.2:1

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		COM.	
152+00			
405			
	145		
151+00		124	187
410	146		
		167	157
	147		
		104	98
	148		
		39	98
			PE. 15
	149		
150+00		43	113
405	150		
		54	87
	151		
		61	79
	152		
149+00			
405			
148+00			
400			
147+00			
400			
146+00			
395			
SHEET TOTAL		592	829

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	WIS S014 (3)	59	98



STATION	DISTANCE	YARDAGE EXCAVATION	FILL
159+00			
	425		
	COM.		
158+52			
	425		
152			
	74		70
153			PE.20
	80		76
154			
	63		72
155			
	44		88
156			
	48		94
			PE.10
157			
158+00			
	420		
	41		120
			PE.10
158			
	26		148
159			
156+00			
	420		
155+00			
	420		
154+00			
	415		
153+00			
	410		
SHEET TOTAL		376	709

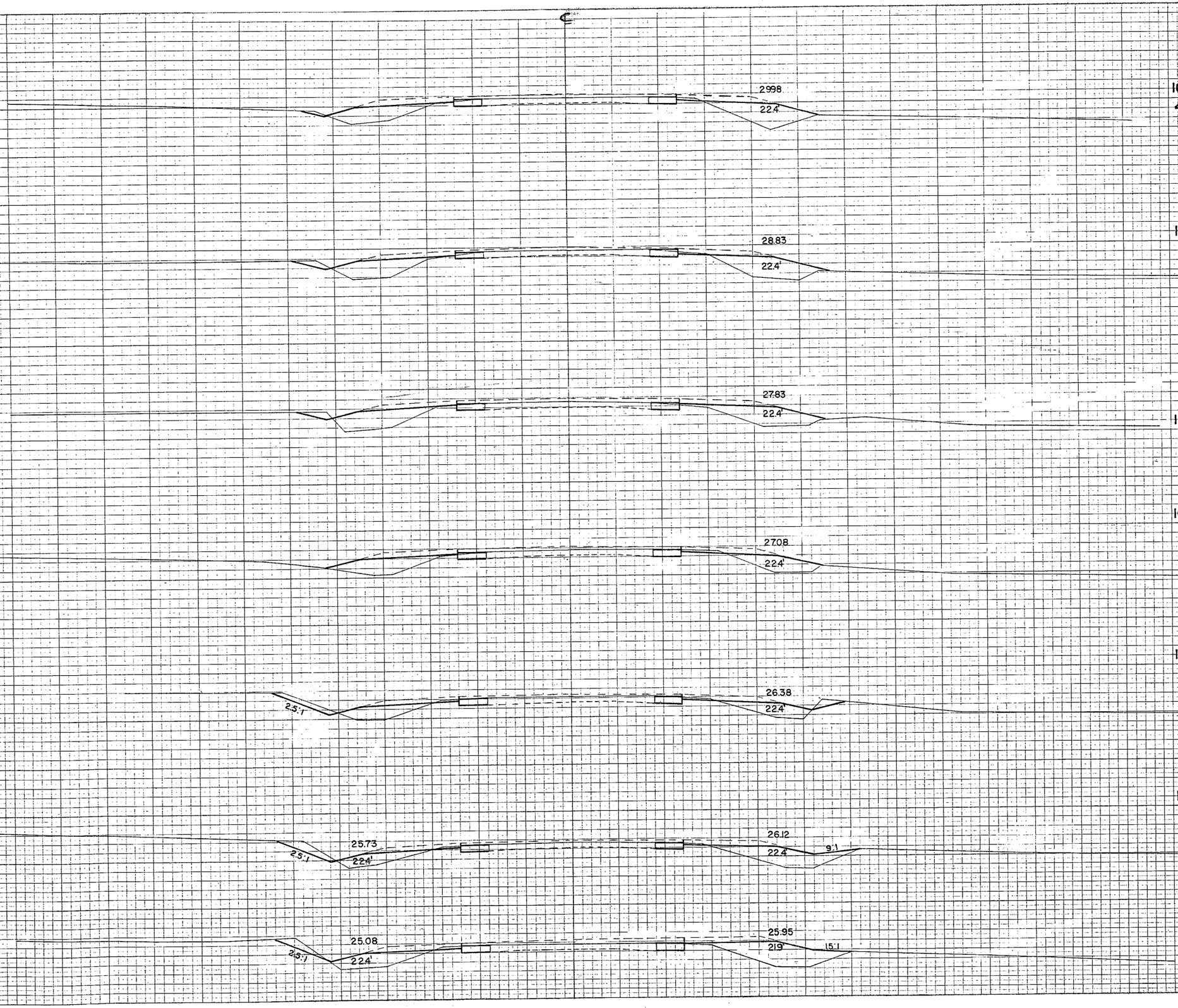
ORIGINAL SURVEY	BY	DATE
SURVEYED	J. C.	1-60
PLOTTED	I. V. J.	2-60
TEMPLATE		1-61
NOTE BOOK XREAS	E. J. S.	1-61
No. L. L. AREAS CHECKED	I. V. J.	2-61

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

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	60	98

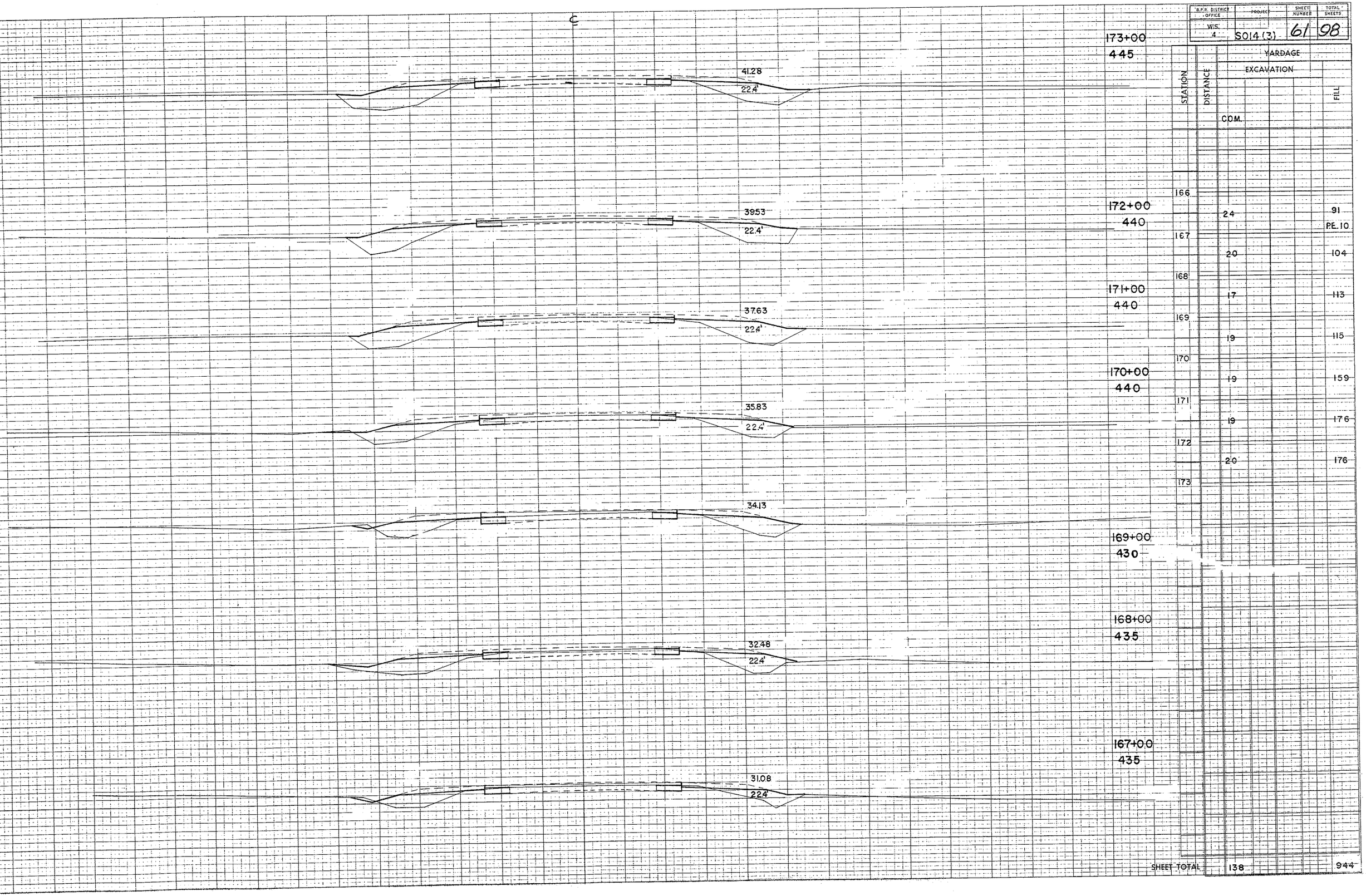
FINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
NOTE BOOK
NO.

ORIGINAL SURVEY
SURVEYED J.J.C. 12-60
PLOTTED W.J.L. 12-60
TEMPLATE V.V.J. 1-61
AREAS E.J.S. 1-61
AREAS CHECKED I.V.J. 2-61
NOTE BOOK
NO.



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
159			
	33		135
160			
	39		117 P.E.10
161			
	43		80
162			
	33		83 P.E.10
163			
	22		113
164			
	24		128 P.E.10
165			
	24		117 P.E.10
166			
SHEET TOTAL	218		813

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	61	98



STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE FILL
173+00			
	445		
		166	
172+00			
	440		91
			PE. 10
		167	
		24	
			104
		168	
171+00			
	440		
		17	113
		169	
		19	115
		170	
170+00			
	440		
		19	159
		171	
		19	176
		172	
		20	176
		173	
169+00			
	430		
168+00			
	435		
167+00			
	435		
SHEET TOTAL		138	944

FINAL SURVEY — SURVEYED / PLOTTED / NOTE BOOK / TEMPLATE / AREAS / DRIVE CHECKED / NO.

DATE	BY	
11-60	J.J.C.	
2-61	W.J.L.	
5-61	I.V.J.	
1-61	E.J.S.	
2-61	I.V.J.	

ORIGINAL SURVEY — SURVEYED / PLOTTED / NOTE BOOK L. L. / TEMPLATE / AREAS / DRIVE CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	62	98

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		COM.	
180+00			
		455	
	173		
		19	186
179+00			
		450	
	174		
		19	161
	175		
		24	120
	176		
178+00		31	100
		450	
	177		
		39	93
			PE 20
177+00	178		
		148	72
		455	PE 10
	179		
		276	59
	180		
176+00			
		445	
175+00			
		445	
174+00			
		440	

ORIGINAL SURVEY		DATE
SURVEYED	BY J.J.C.	11-60
PLOTTED	R.C.T.	12-60
TEMPLATE	J.J.J.	1-61
NOTE BOOK	E.J.S.	1-61
AREAS CHECKED	I.V.J.	2-61

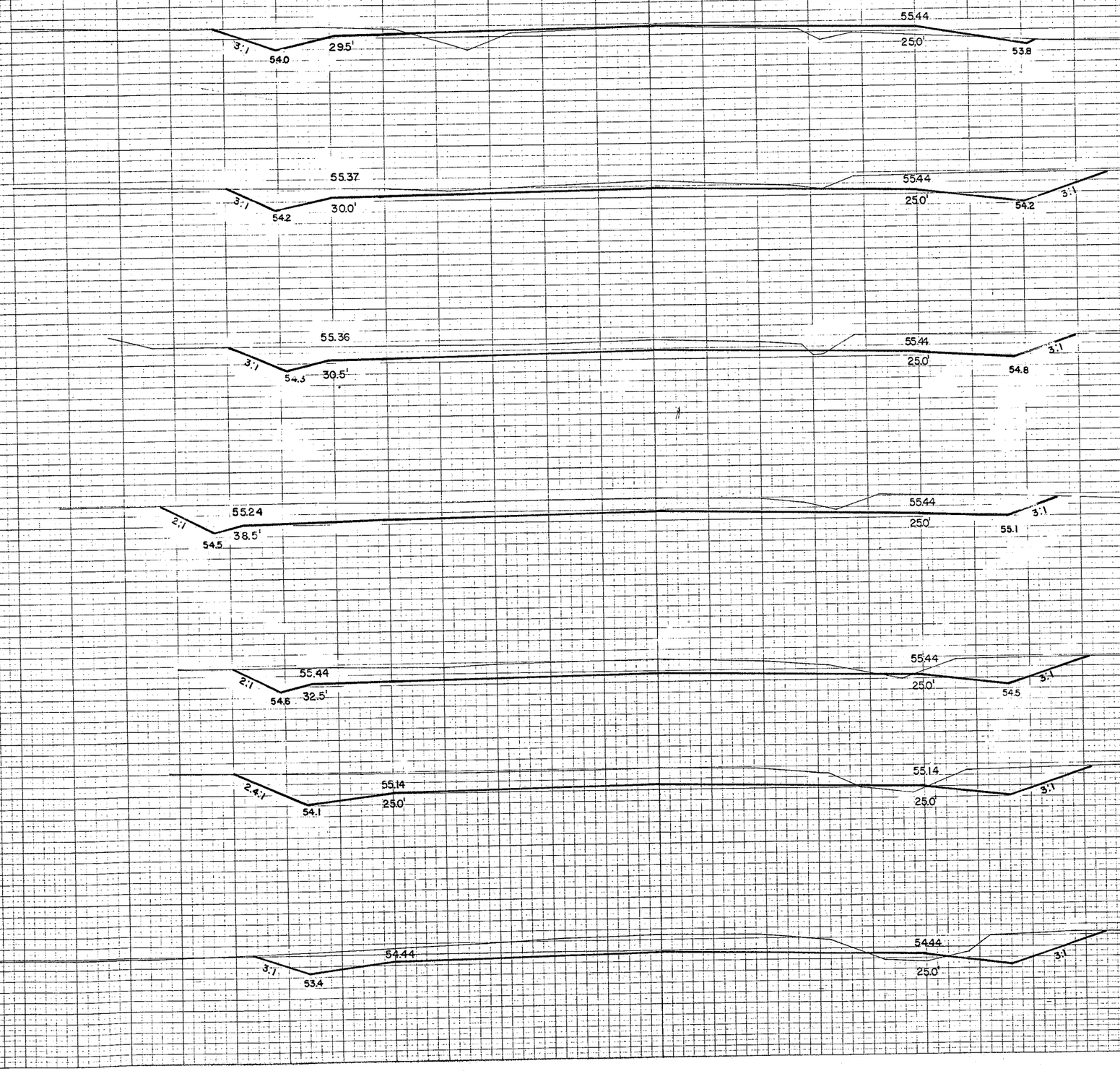
FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CALCULED	

SHEET TOTAL 55 6

623

B.P.N. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	63	98

℄

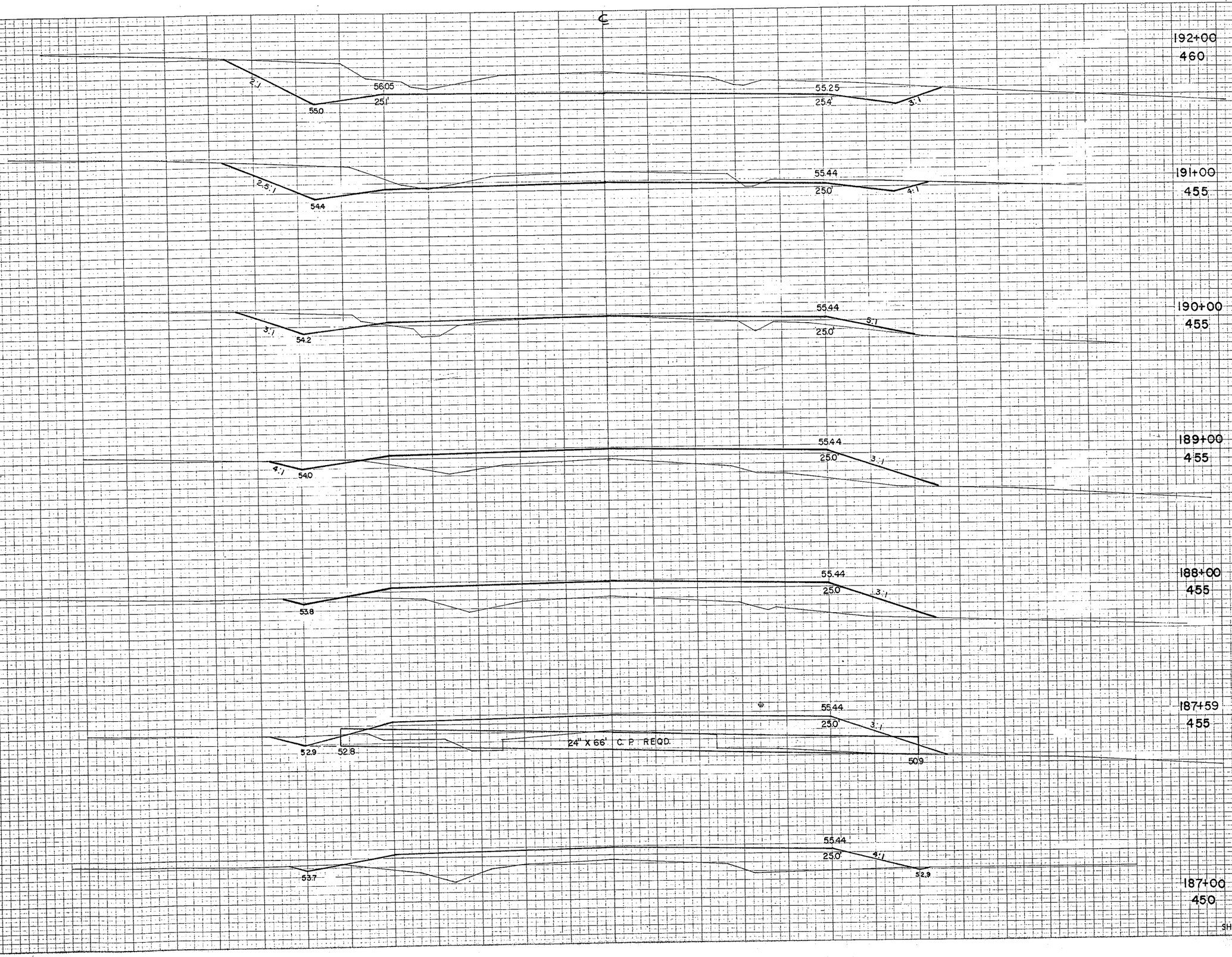


STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
186+00			
455		COM.	
185+00			
460			
	180		
		333	43
	181		
		402	50
			P.E.10
	182		
184+55		394	43
460	183		
		393	2
		S.R.210	S.R.10
	184	224	2
			P.E.20
	184 +55	157	0
	185		
184+00		198	56
455	186		
183+00			
455			
182+00			
455			
181+00			
460			
		SHEET TOTAL 2311	236

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

V. J. C. 11-60
R. C. T. 12-60
L. V. S. 1-61
E. V. S. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	69	98



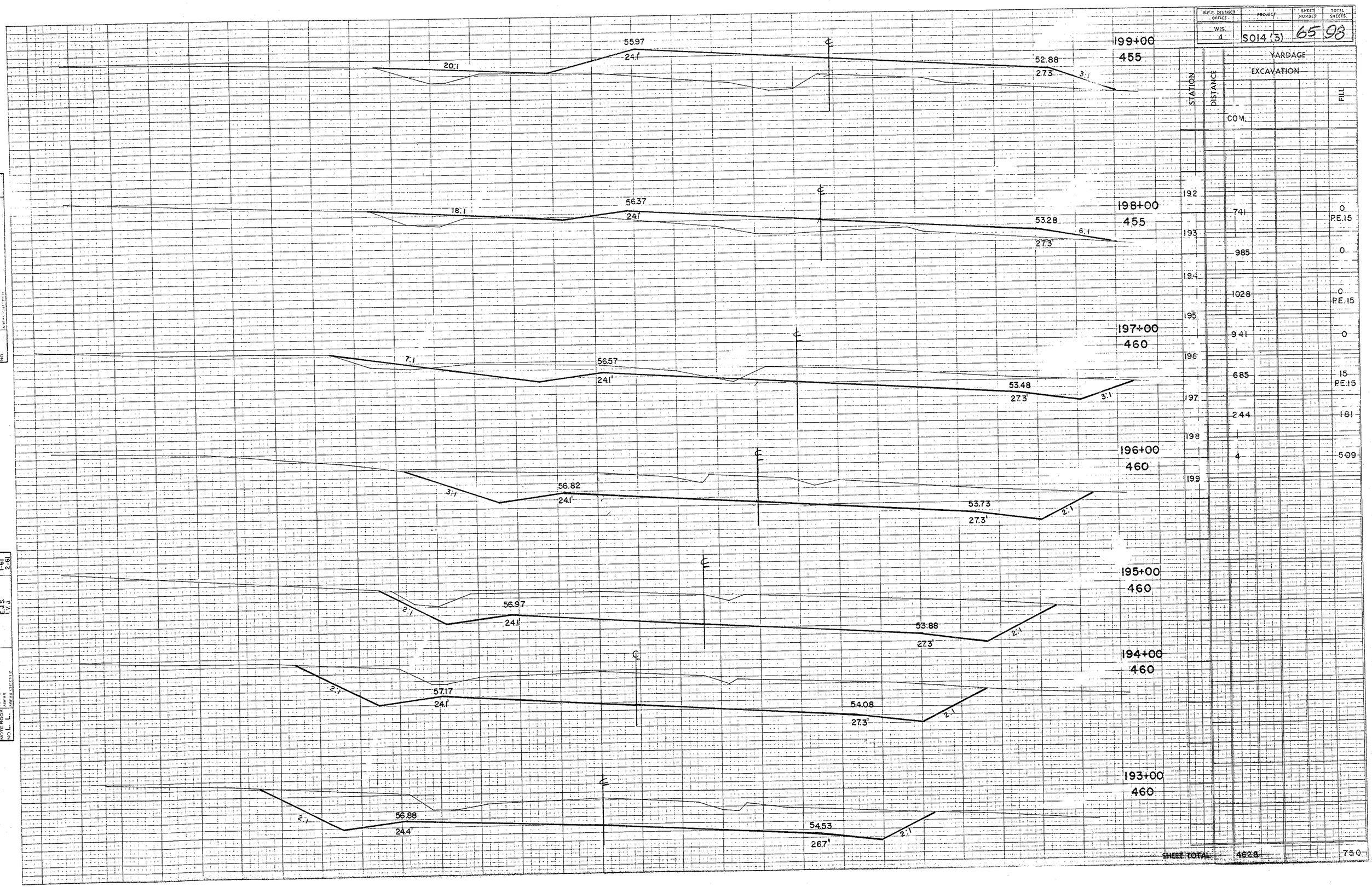
STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		COM.	
186	48		283
			P.E.15
187	13		487
188	19		472
189	59		272
190	222		61
			P.E.10
191	463		2
			P.E.15
192			

SHEET TOTAL 824 1617

SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
NO.
AREAS
AREAS CHECKED

ORIGINAL SURVEY
SURVEYED J. J. C. 11-60
PLOTTED R. C. T. 12-60
TEMPLATE I. V. J. 1-61
NOTE BOOK
NO.
AREAS E. J. S. 2-61
AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	65	98

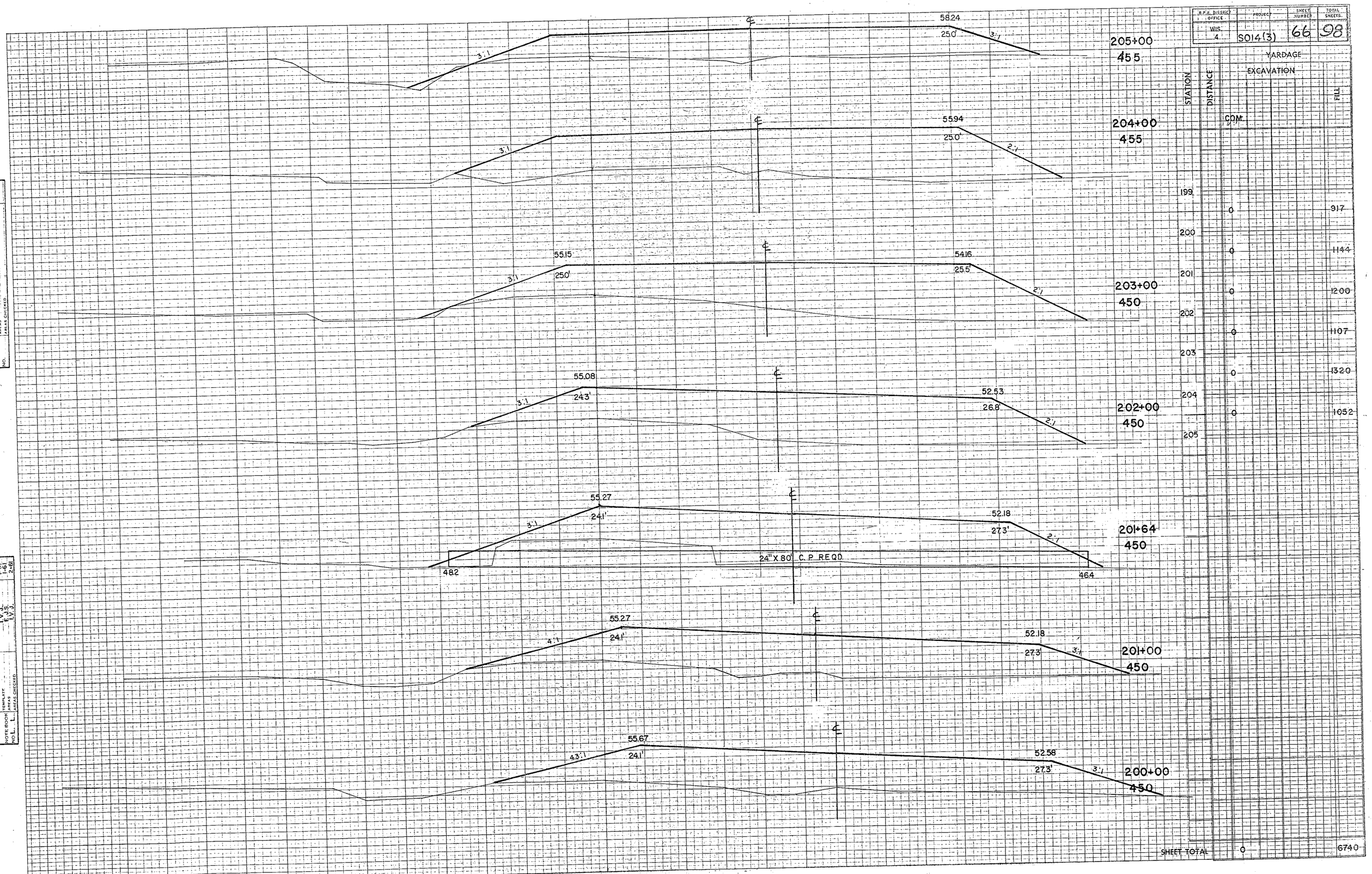


STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
192	741		0 P.E.15
193	985		0
194	1028		0 P.E.15
195	941		0
196	685		15 P.E.15
197	244		181
198	4		509
199			
SHEET TOTAL	4628		750

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

BY: J.J.C., R.V.J., E.J.S., I.V.J.
DATE: 12-60, 1-61, 1-61, 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	66	98



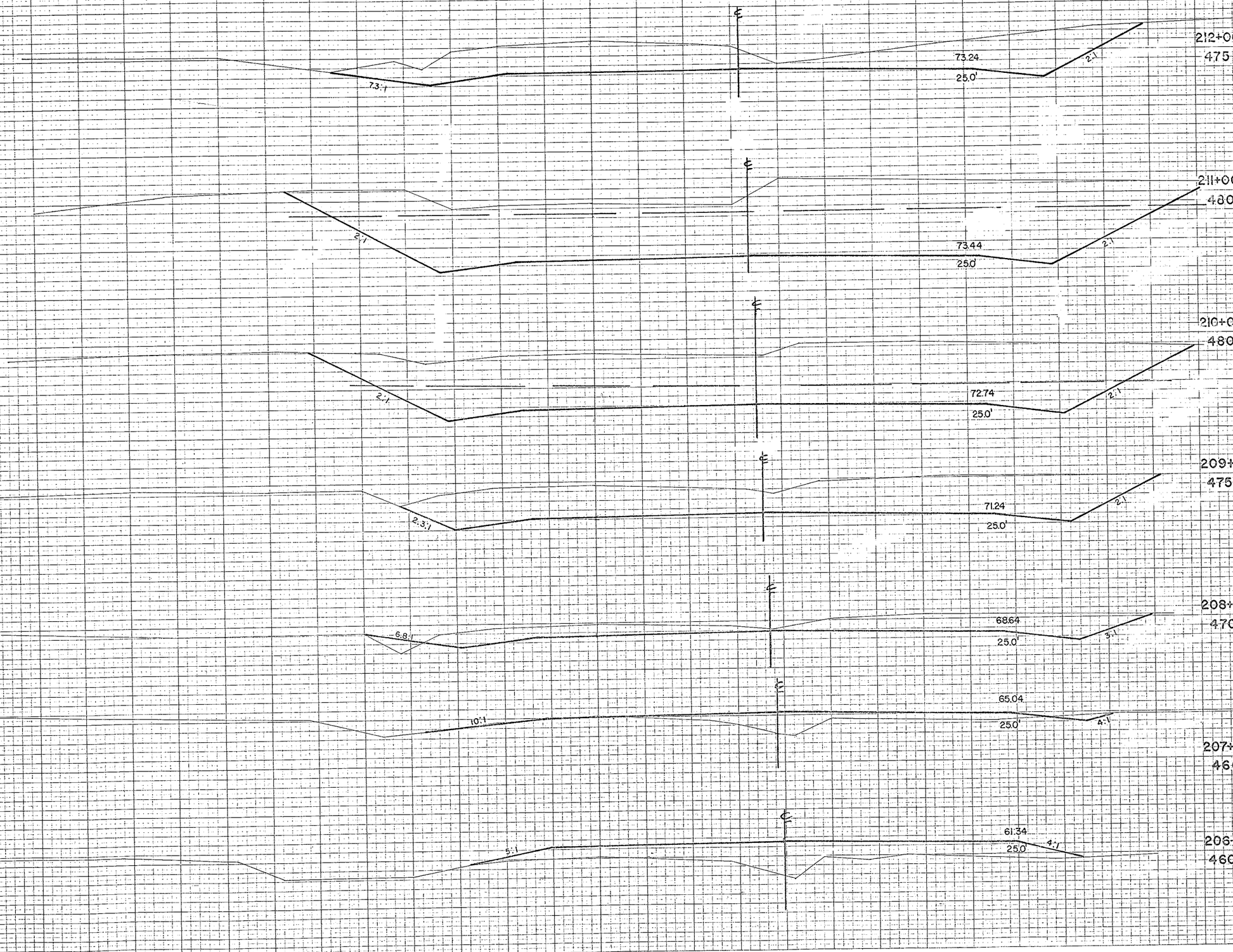
STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
199			
	0		917
200			
	0		1144
201			
	0		1200
202			
	0		1107
203			
	0		1320
204			
	0		1052
205			
SHEET TOTAL	0		6740

SURVEY NOTE BOOK — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

A. J. C. 1-60
W. J. L. 12-60
L. V. J. 1-61
L. V. J. 1-61
L. V. J. 2-61

ORIGINAL SURVEY NOTE BOOK — SURVEYED — PLOTTED — TEMPLATE — AREAS — M.O.L. — L. — AREAS CHECKED

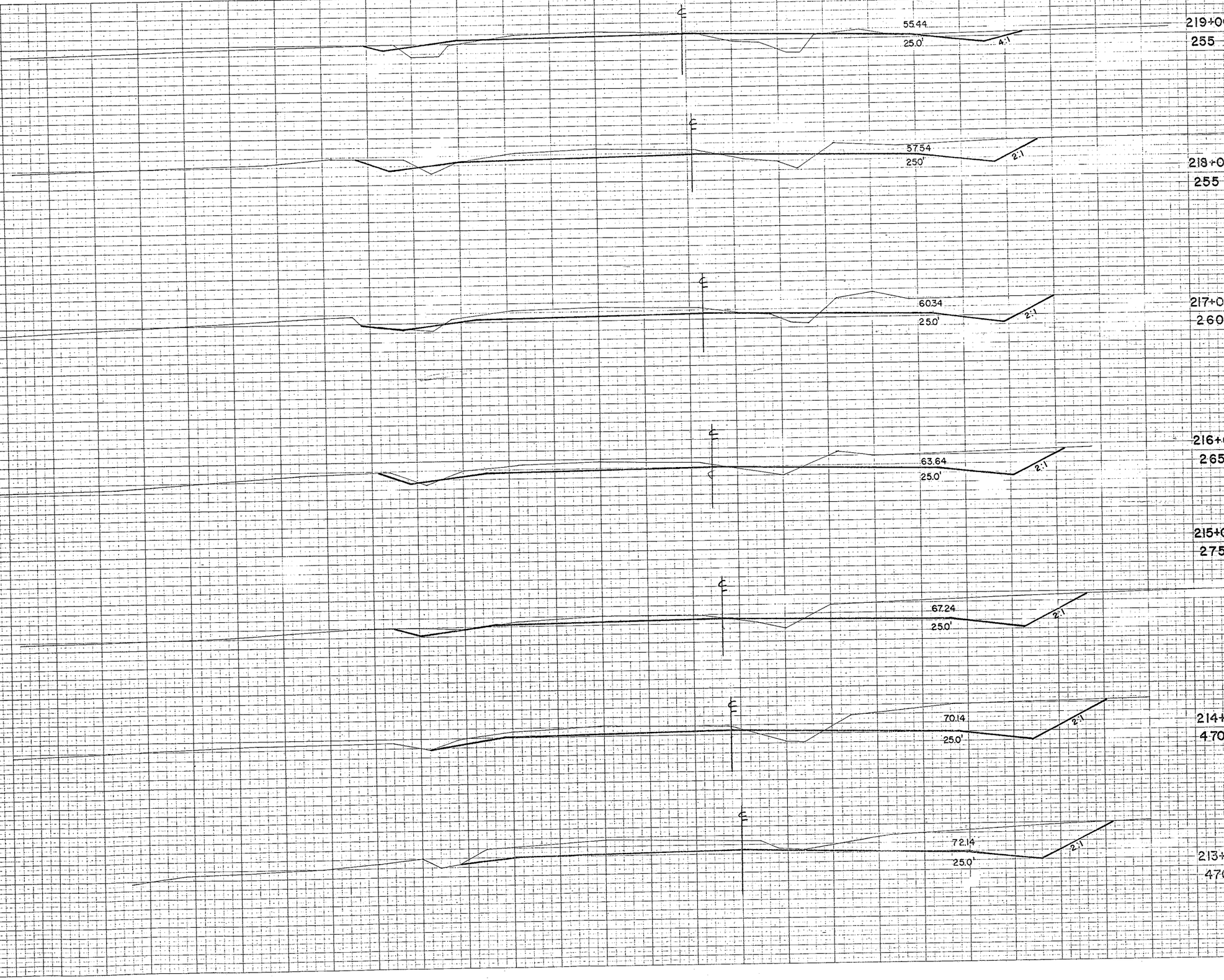
W.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	67	98



STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION ROCK	YARDAGE FILL
205	0			600
206	7			285
207	196			91
				P.E.15
208	680			7
	P.E. 65			P.E.10
209	1093		352	0
210	991		1096	0
211	778		744	0
212				
SHEET TOTAL	3810		2192	1008

ORIGINAL SURVEY	NOTE BOOK	PAGE	NO.	SURVEYED	PLOTTED	TRACED	AREAS CHECKED
				J.J.C.	1=60		
				R.C.T.	1=60		
				M.J.	1=61		
				E.J.S.	2=61		
				T.V.J.			

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	68	98



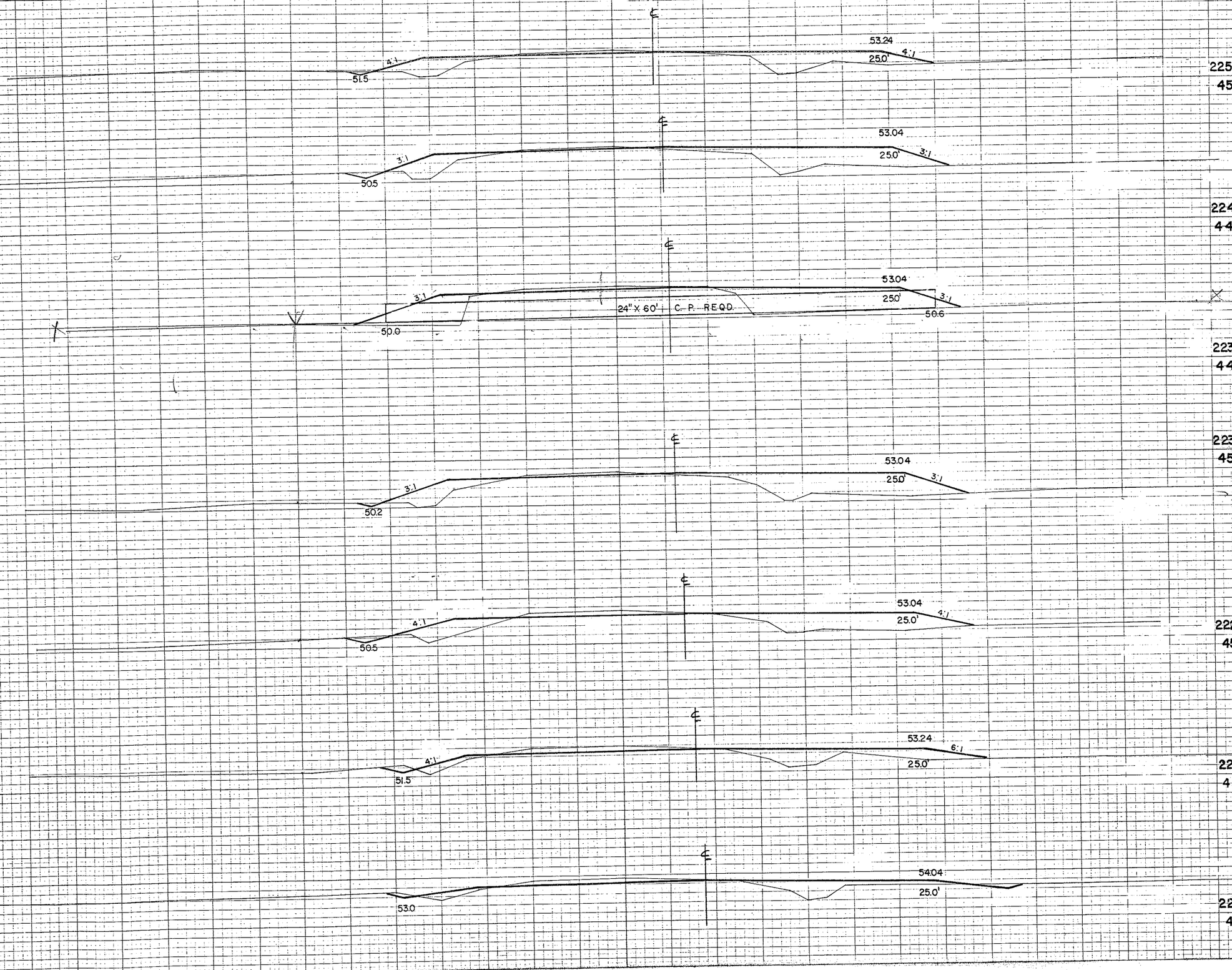
STATION	DISTANCE	YARDAGE EXCAVATION COM	YARDAGE EXCAVATION FILL
212			
	580		0
	P.E.30		P.E.30
213			
	367		13
			P.E.15
214			
	319		26
215			
	274		26
216			
	263		28
217			
	224		33
218			
	120		56
219			
SHEET TOTAL	2177		227

SURVEY NOTE BOOK | PLOTTED | TEMPLATE | AREAS | CROSS CHECKED | NO.

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

J. J. C. | 11-60
R. C.T. | 12-60
J. V. J. | 1-61
E. J. S. | 1-61
I. V. J. | 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	69	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
225+00			
	450	C.O.M.	
224+00			
	445	219	
		46	85
		220	
		37	109
			P.E.15
		221	
		30	169
		222	
223+41			
	445	17	246
		223	
		11	254
		224	
223+00			
	455	11	193
		225	
222+00			
	450		
221+00			
	450		
220+00			
	450		
SHEET TOTAL		152	1071

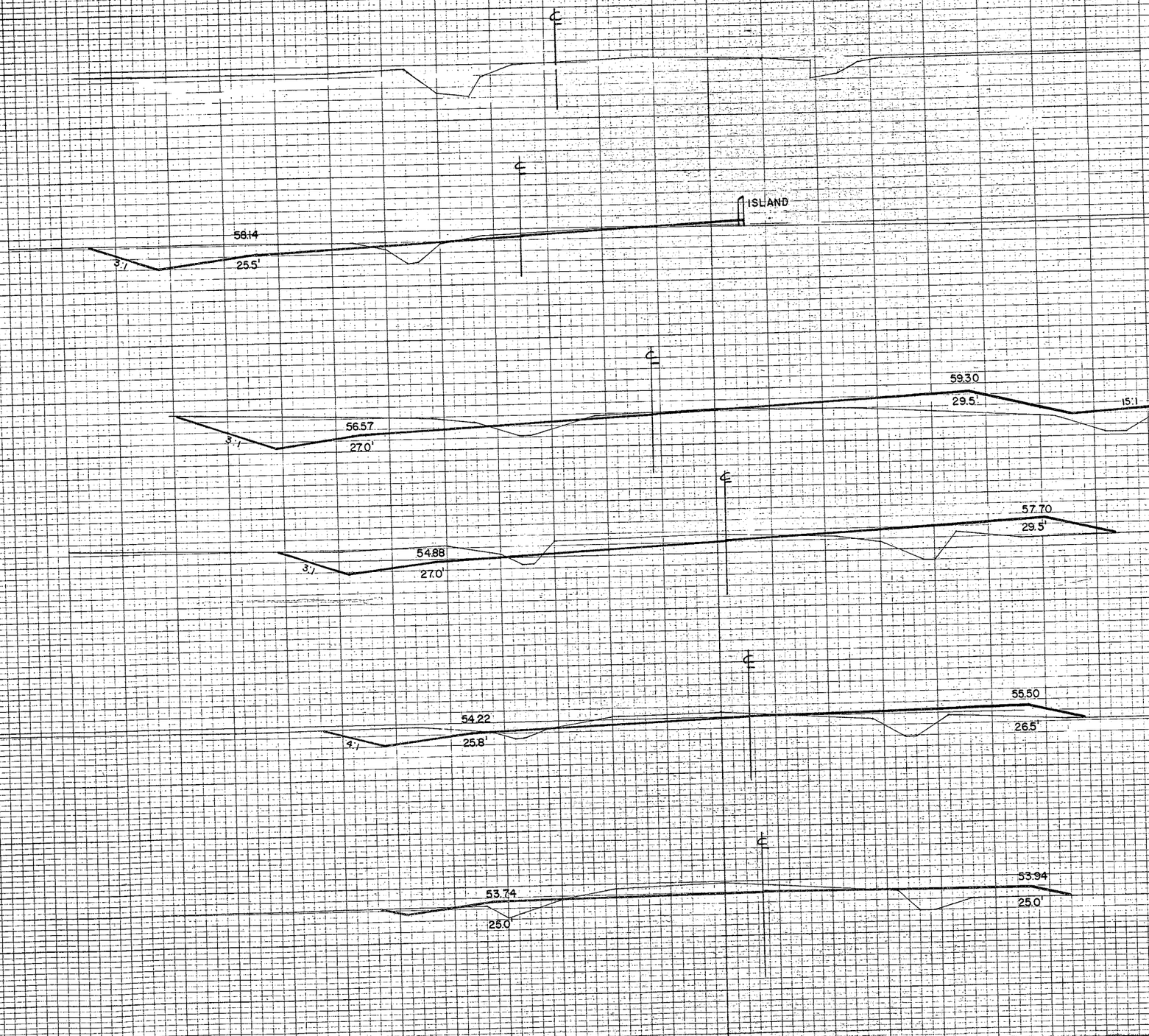
SURVEY | PLOTTED | TEMPLATE | AREAS CHECKED | NOTE BOOK | NO.

J. J. C. | R. C. T. | E. J. S. | I. V. J.

1"=50' | 1"=10' | I-61 | I-61 | 2-61

ORIGINAL SURVEY | SURVEYED: | PLOTTED | TEMPLATE | NOTE BOOK | NO. L. L. | AREAS CHK'D.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	70	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
230+22		COM.	
260			
	225	31	133
	226		
230+00		67	100
260			
	227	115	113
	228	157	125
	229	137	PE 15
			91
		S.R.50	S.R.22
	230		
229+00			
255			
228+00			
250			
227+00			
255			
226+00			
250			

SHEET TOTAL 557 805

ORIGINAL SURVEY
SURVEYED
PLOTTED
TEMPLATE
NOTE BOOK
AREAS
NO. CHECKED

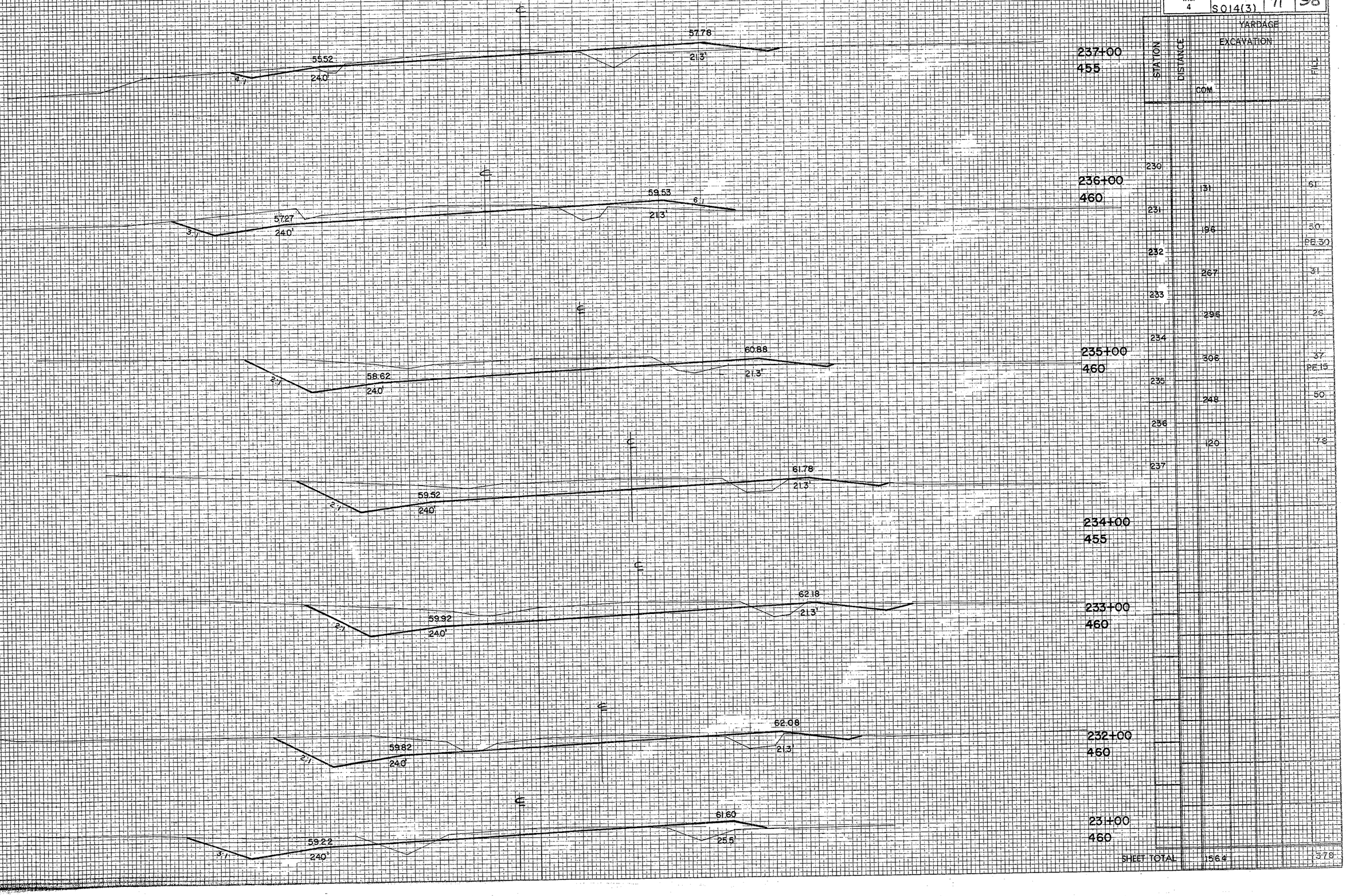
BY J.A.C. R.C.T. E.J.J.S. I.V.J.
DATE 11-60 12-60 1-61 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	71	98

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

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

J. J. C. 11-60
W. J. L. 12-60
E. V. J. 1-61
E. V. J. 2-61



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM	
230			
	131		61
231			
	196		50
			PE.30
232			
	267		31
233			
	295		26
234			
	306		37
			PE.15
235			
	248		50
236			
	120		72
237			
	455		378
SHEET TOTAL		1564	

DIST. OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	72	98

SURVEY: SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS, AREAS CHECKED, NO.

J.J.C. 11-60
W.J.L. 12-60
L.V.J. L-61
L.V.S. L-61
E.V.J. 2-61

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

℄

28.18
22.0'

33.78
22.0'
3:1
3:1

39.18
22.0'
4:1
3:1

43.78
22.0'
4:1
4:1

47.78
22.0'
4:1
4:1

51.18
22.0'
4:1

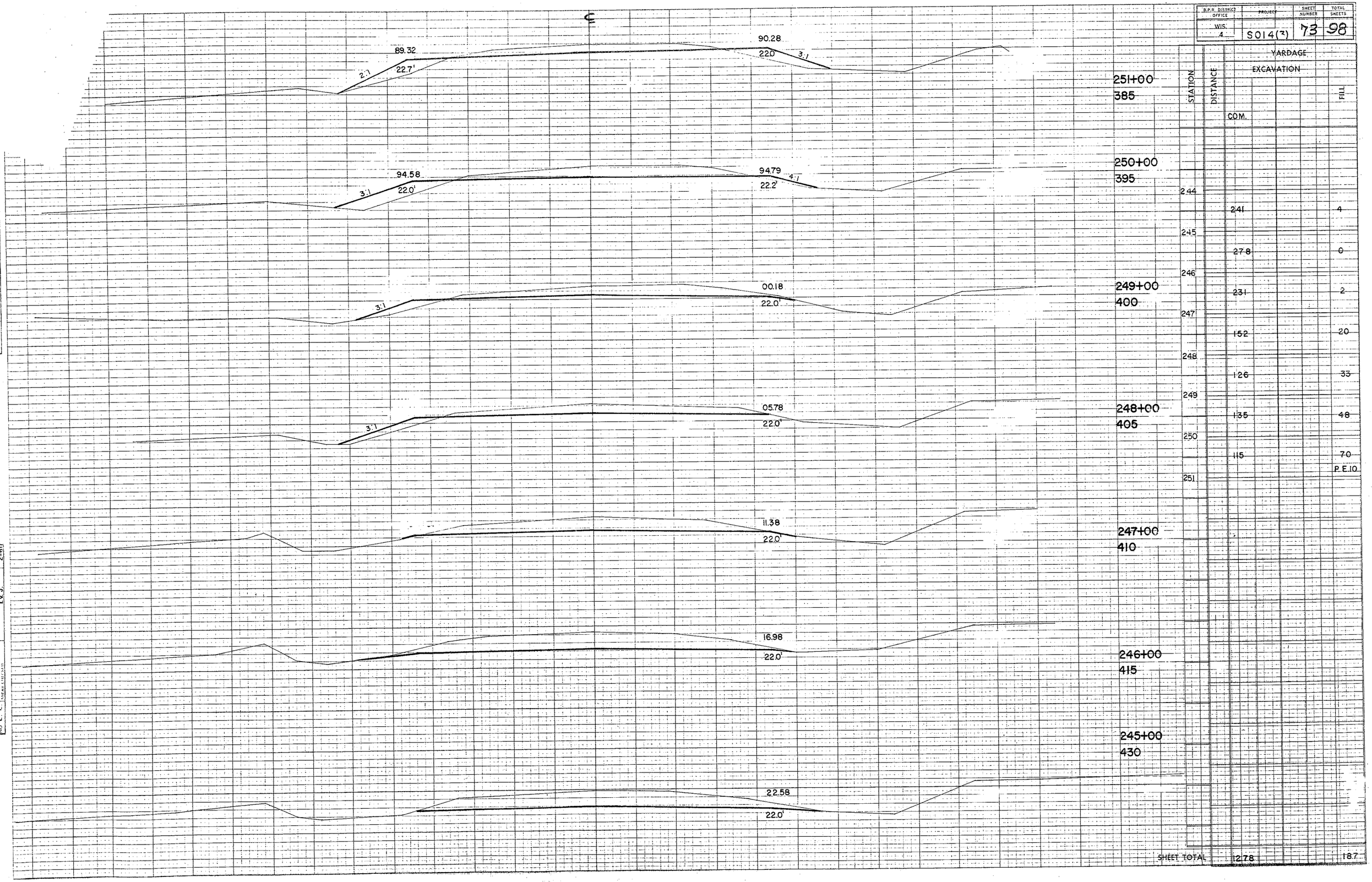
51.36
22.2'

53.60
22.9'
3:1

54.77
21.9'

STATION	DISTANCE	VARDAGE EXCAVATION	VARDAGE FILL
244+00			
425			
		COM.	
243+00	237	52	94
430			PE 10
	238	85	69
	239	104	70
242+00			
435	240	93	108
	241	133	93
241+00	242		
440		241	50
	243	259	17
	244		
240+00			
445			
239+00			
455			
238+00			
460			
SHEET TOTAL		967	509

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(2)	73	98



STATION	DISTANCE	YARDAGE EXCAVATION FILL
251+00		
385		
	COM.	
250+00		
395		
244		
	241	4
245		
	278	0
246		
	231	2
249+00		
400		
247		
	152	20
248		
	126	33
249		
248+00		
405		
	135	48
250		
	115	70
		P.E.10
251		
247+00		
410		
246+00		
415		
245+00		
430		
SHEET TOTAL	1278	187

SURVEY NOTE BOOK — SURVEYED, PLOTTED, TEMPLATE, AREAS, CHECKED

ORIGINAL SURVEY NOTE BOOK — SURVEYED, PLOTTED, TEMPLATE, AREAS, CHECKED

J. J. C. 11-60
W. J. L. 12-60
E. V. J. 1-61
E. V. J. 1-61
E. V. J. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	74	98

257+00
360

59.58
22.0'

256+00
370

64.58
22.0'
64.91
4:1
22.3'

255+00
365

69.25
22.9'
70.40
3:1
21.9'

254+00
370

73.98
23.6'
75.78
3:1
21.5'

253+00
375

78.98
3:1
23.6'
80.78
3:1
21.5'

252+965
380

79.16
2:1
23.6'
75.8
24" X 60' R.C.C.P. IN PLACE
EXTEND 4' LT.
80.96
21.5'
2.5:1
77.5

252+00
385

83.98
3:1
23.6'
85.78
2:1
21.5'

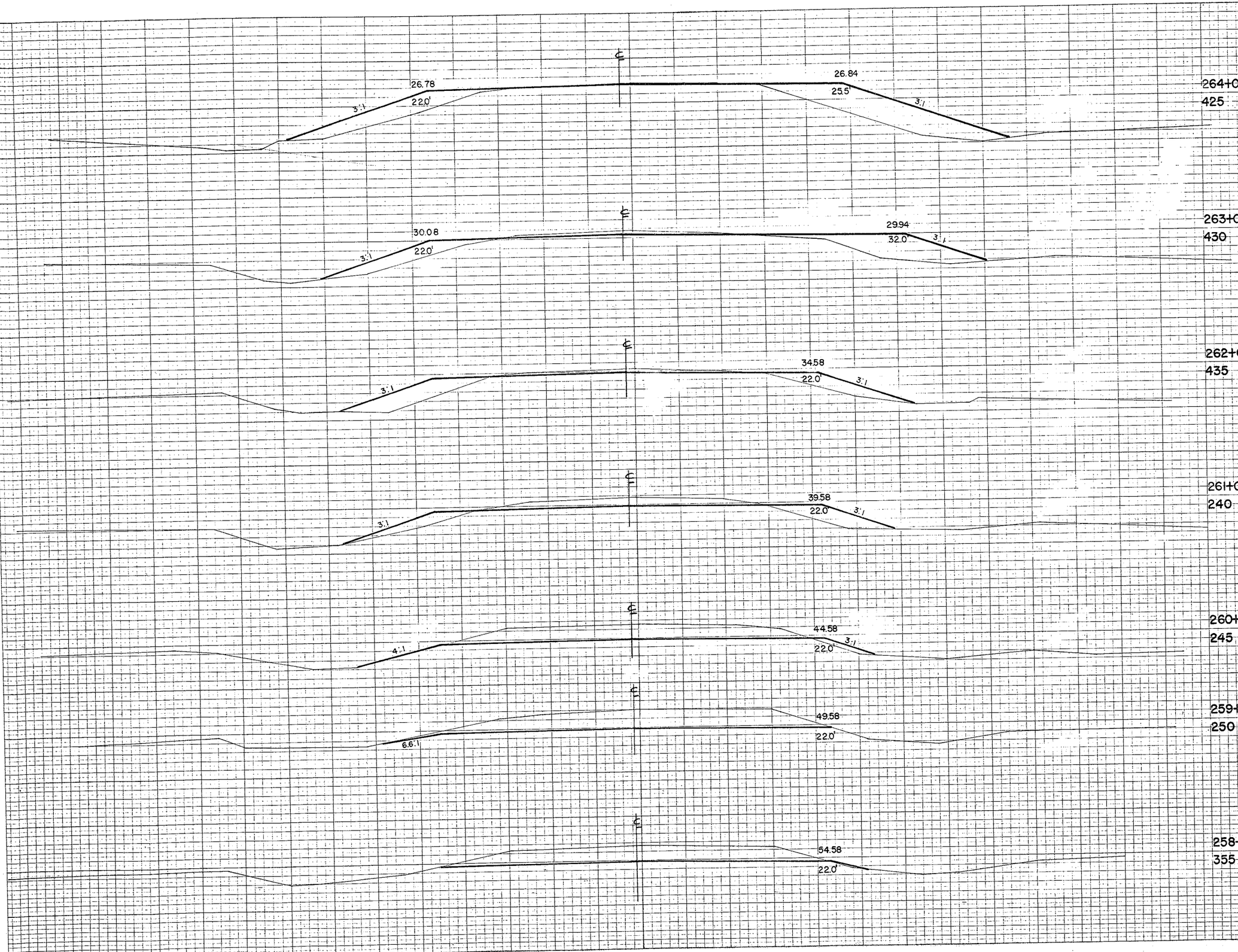
STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
251			
	102		76
252			
	124		69
253			
	165		37
			RE:10
254			
	189		11
255			
	208		9
256			
	235		7
257			

SHEET TOTAL 1023 219

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

BY	DATE
J.V.C.	11-60
R.C.T.	12-60
E.V.S.	1-61
E.V.S.	1-61
E.V.J.	2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	75	98

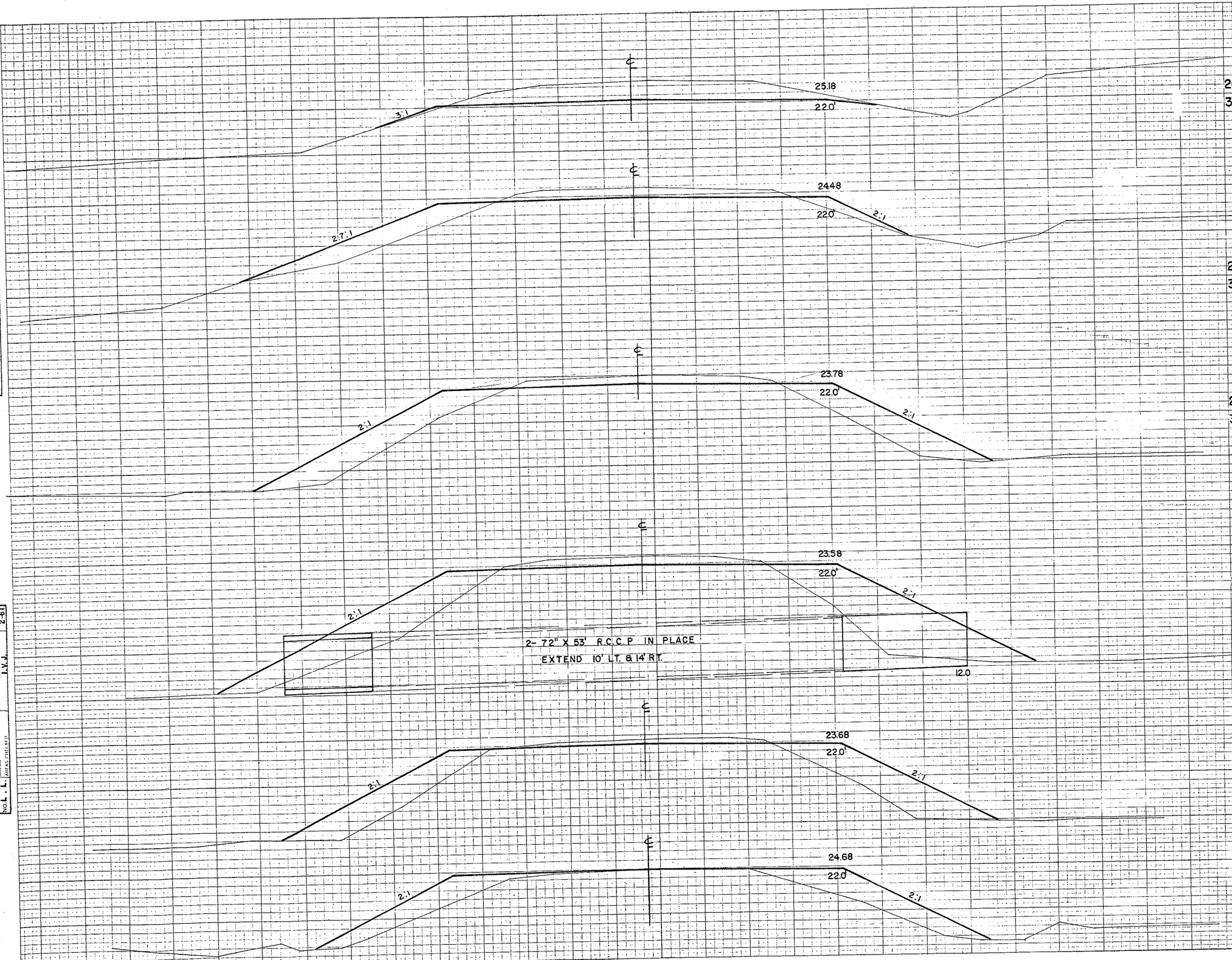


STATION	DISTANCE	YARDAGE EXCAVATION	FILL
264+00			
425			
		COM.	
		257	
263+00		241	4
430		258	
		269	2
		259	
		259	11
			P.E.10
262+00		260	
435		157	61
		261	
		65	124
		262	
		31	120
		263	
261+00		17	161
240			S.R.680
		264	
260+00			
245			
259+00			
250			
258+00			
355			
		SHEET TOTAL 1039	1173

SURVEY PLOTTED, NOTE BOOK, TEMPLATE, AREAS, CROSS SECTIONS, NO.

ORIGINAL SURVEY
SURVEYED J. J. C. 11-60
PLOTTED R.V.C.T. 12-60
TEMPLATE V.V.J. 1-61
NOTE BOOK E.J.S. 1-61
NO. L. L. AREAS & CROSS SECTIONS CHECKED I.V.J. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	WIS. S014(3)	76	98



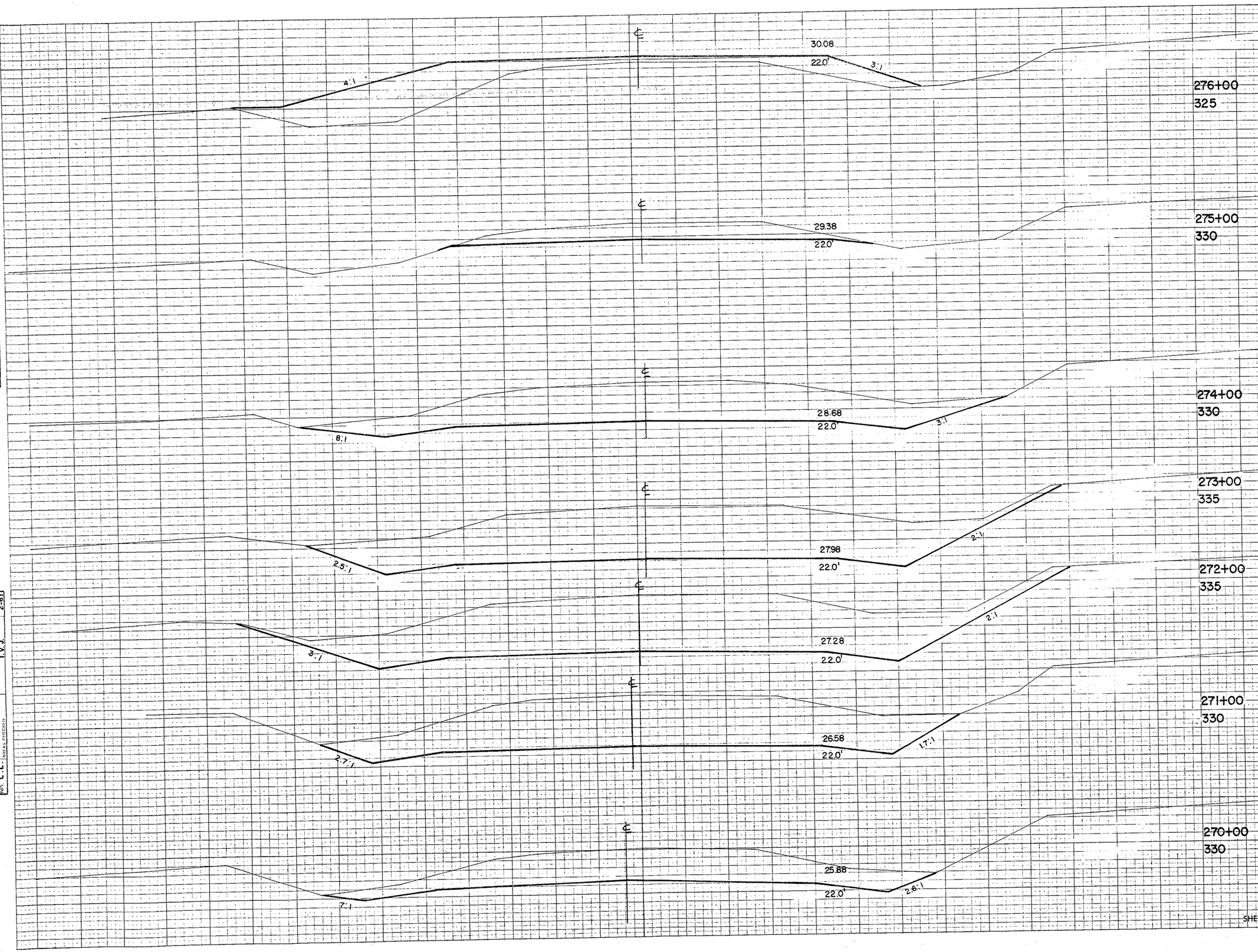
STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
269+00			
325			
	COM.		
	264		
		4	300
268+00	265		
315		28	426
	266		
		74	472
	267		
		106	337
267+00	268		
320		198	113
	269		
266+64			
320			
266+00			
320			
265+00			
325			
	SHEET TOTAL	410	1648

SURVEY SURVEYED / DRAWN / TRACED / TEMPLATE / NOTE BOOK / AREAS / CHECKED / NO.

ORIGINAL SURVEY SURVEYED J.J.C. / DRAWN R.C.C. / TRACED I.V.J. / TEMPLATE E.J.S. / NOTE BOOK / AREAS I.V.J. / CHECKED / NO. L. L.

12-60	J.J.C.
1-61	R.C.C.
2-61	I.V.J.
	E.J.S.
	I.V.J.

B.P.R. DISTRICT OFFICE		PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS	4	S014(3)	77	98



SURVEY | PLOTTED | TEMPLATE | AREAS | CROSS CHECKED
NO.

J. J. C. | 11-60
R. C. T. | 12-60
I. V. J. | 1-61
E. J. S. | 1-61
I. V. J. | 2-61

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

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	78	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
276	0		898
			P.E.10
277	0		1722
278	0		2111
279	0		1648
280	0		1065
281			

281+00
335

33.58
22.0'
2:1
3:1

280+00
330

32.88
22.0'
2:1
3:1

279+00
325

32.18
22.0'
2:1
2:1

278+00
325

31.48
22.0'
2:1
2:1

277+665
325

31.25
22.0'
2:1
2:1

48" X 98' C.P. REQD
170
34

277+00
325

30.78
22.0'
2:1
2:1

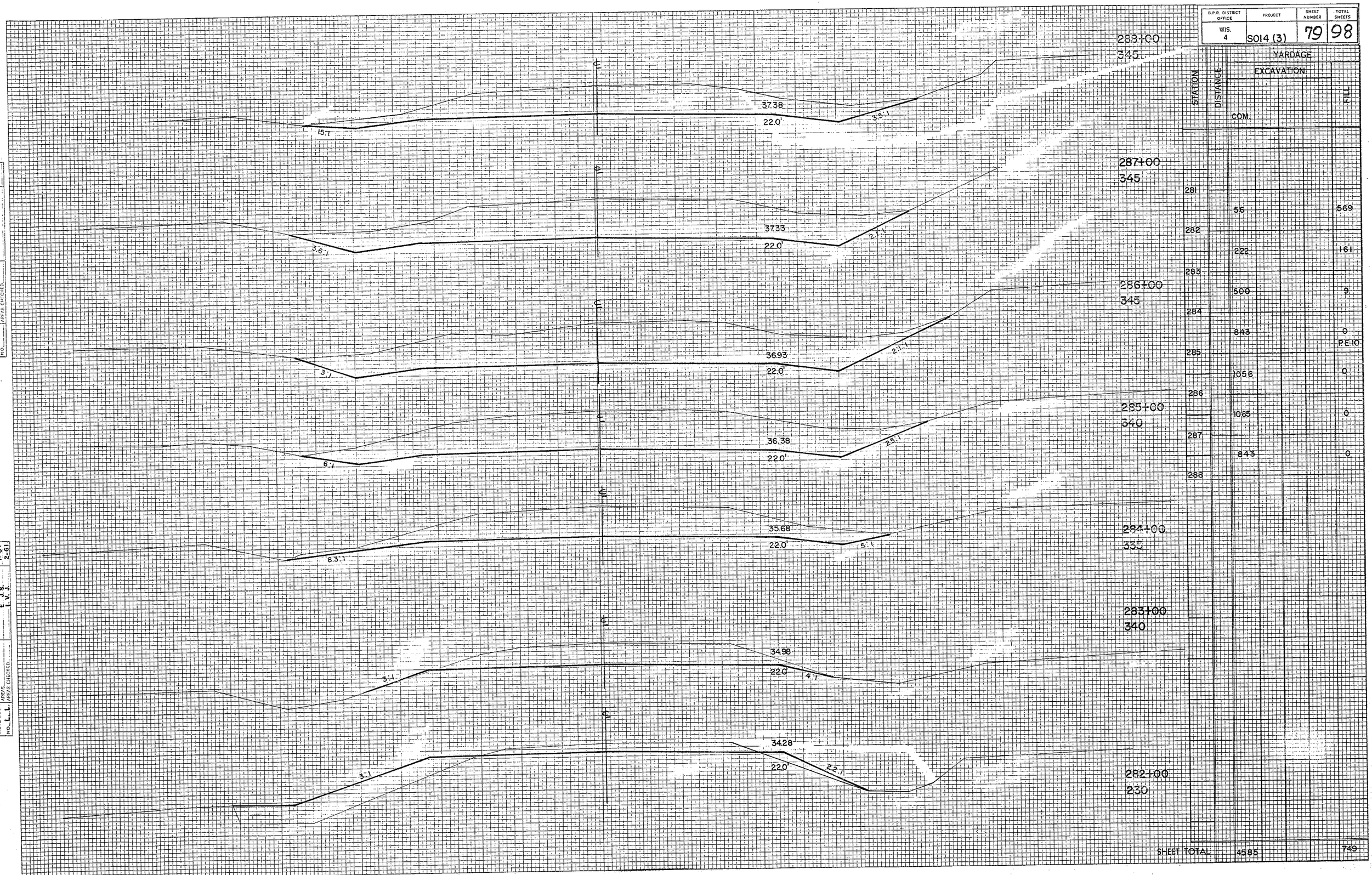
SHEET TOTAL 0 7454

ORIGINAL SURVEY
NOTE BOOK
NO. L. L.

SURVEYED	J. J. C.
PLOTTED	R. C. T.
TYPE PLATE	E. J. S.
AREAS	I. V. J.
AREAS CHECKED	

	11-60
	12-60
	1-61
	2-61

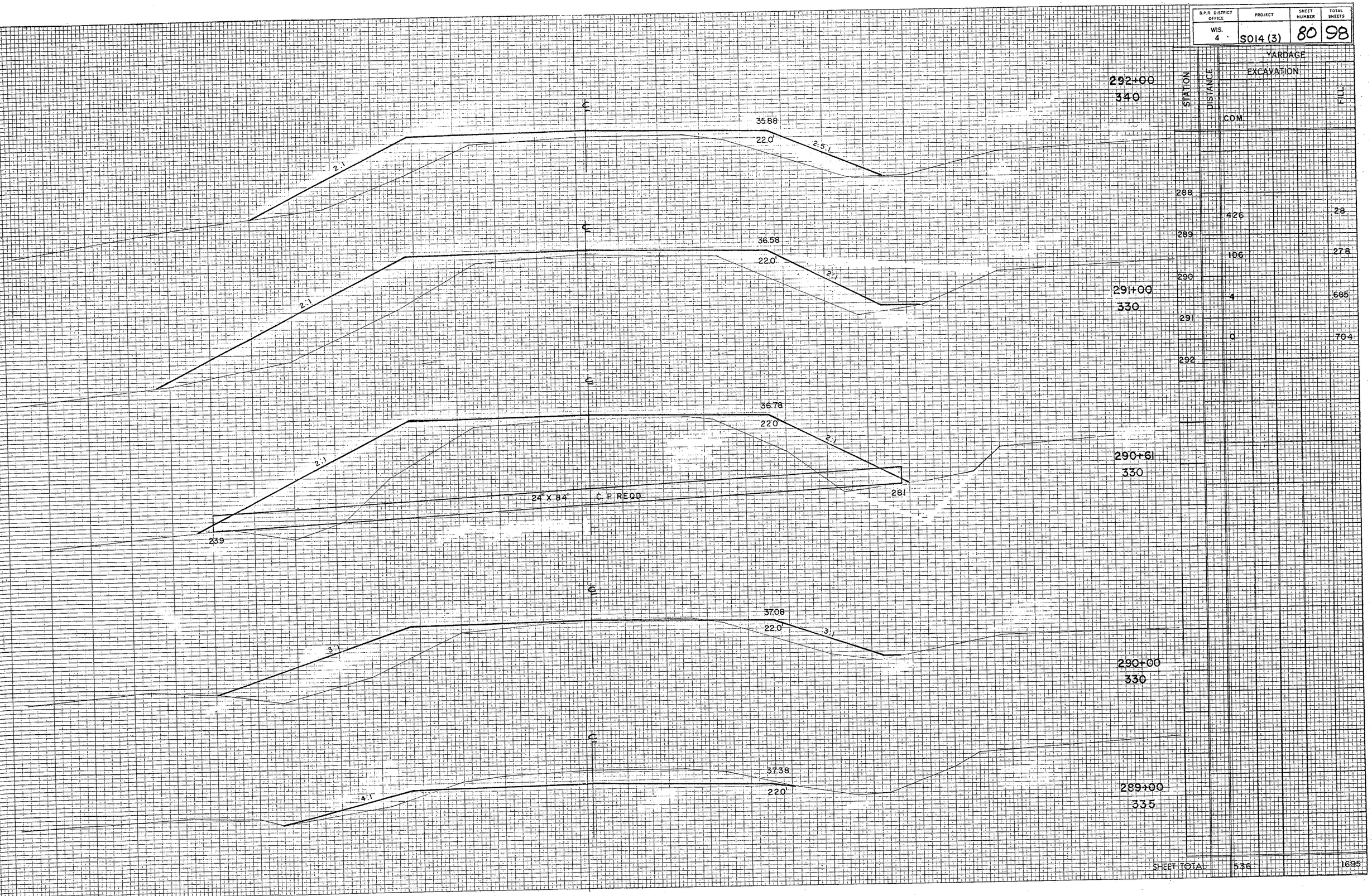
B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	79	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
	COM.		
281			
	56		569
282			
	222		161
283			
	500		9
284			
	843		0
			PE 10
285			
	1058		0
286			
	1065		0
287			
	843		0
288			
SHEET TOTAL		4585	749

SURVEY: SURVEYED, PLOTTED, NOTE BOOK, AREAS, NO. L.L. AREAS CHECKED
TEMPLATE: HORIZ. 1"=10', VERT. 1"=10', AREAS CHECKED
J. J. S. 12-60
R. V. J. 1-61
E. J. S. 1-61
L. V. J. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	80	98



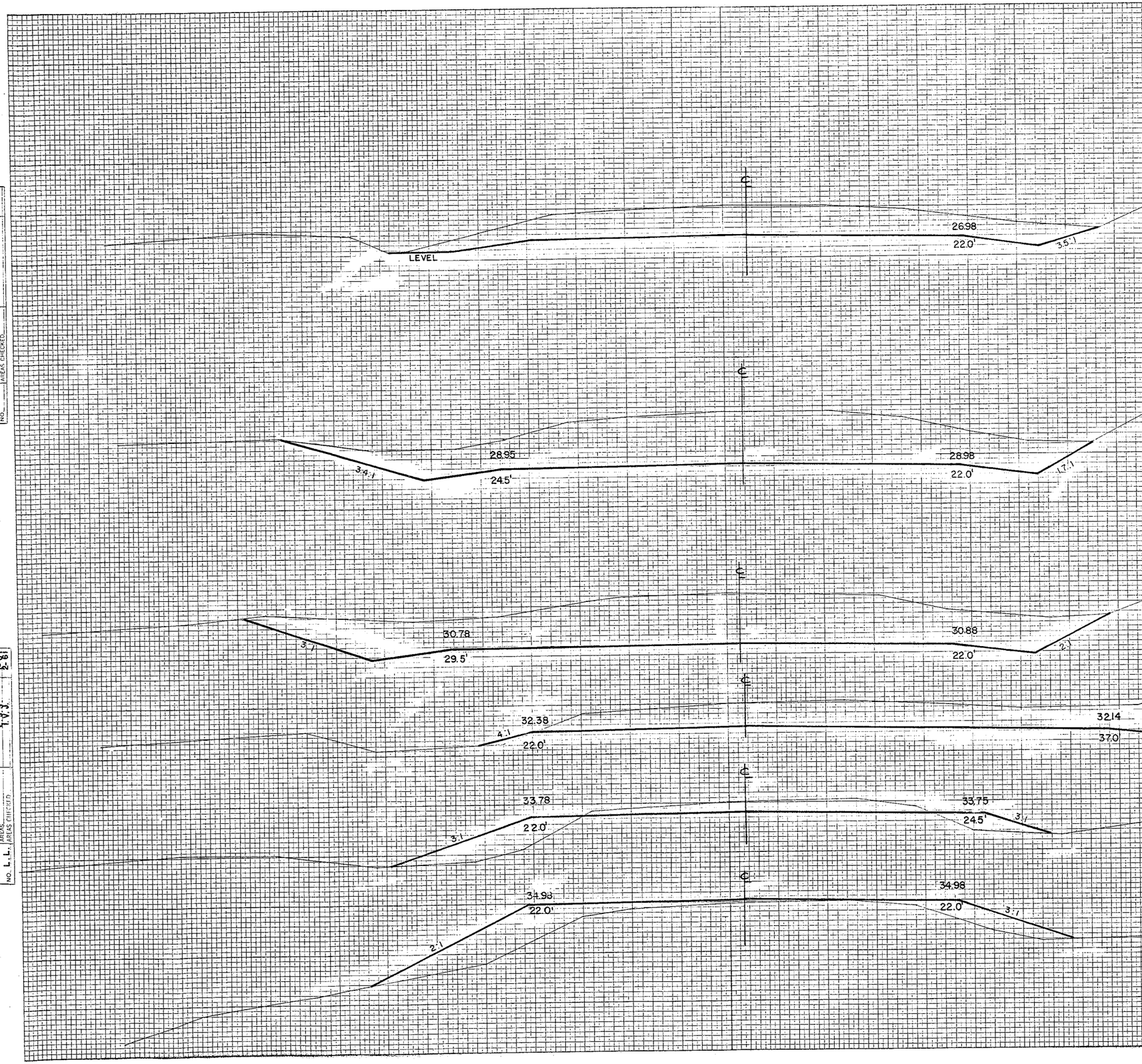
STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
288			
	426		28
289			
	106		27.8
290			
	4		685
291			
	0		704
292			
SHEET TOTAL	536		1695

ORIGINAL SURVEY
NOTE BOOK
NO. L. L.
DRAWN WITH PENCIL BY H.M.H.A.H. AND P.C. AND REVISED BY

J. A. C.
R. C. J.
F. V. J.
F. V. J.

11-60
12-60
1-61
2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	81	98



STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		C.O.M.	
292	0		454
293	56		269
294	306		91
	S.R.1850		
295	824		7
296	1130		0
	S.R.360		S.R.20
297	852		0
			P.E.15
298			
SHEET TOTAL:	5378		856

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

R.C.J. 11-60
R.C.J. 12-60
F.W.S. 1-61
F.W.S. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	82	98

SURVEY PLOTTED TEMPLATE AREAS CHECKED NOTE BOOK NO.

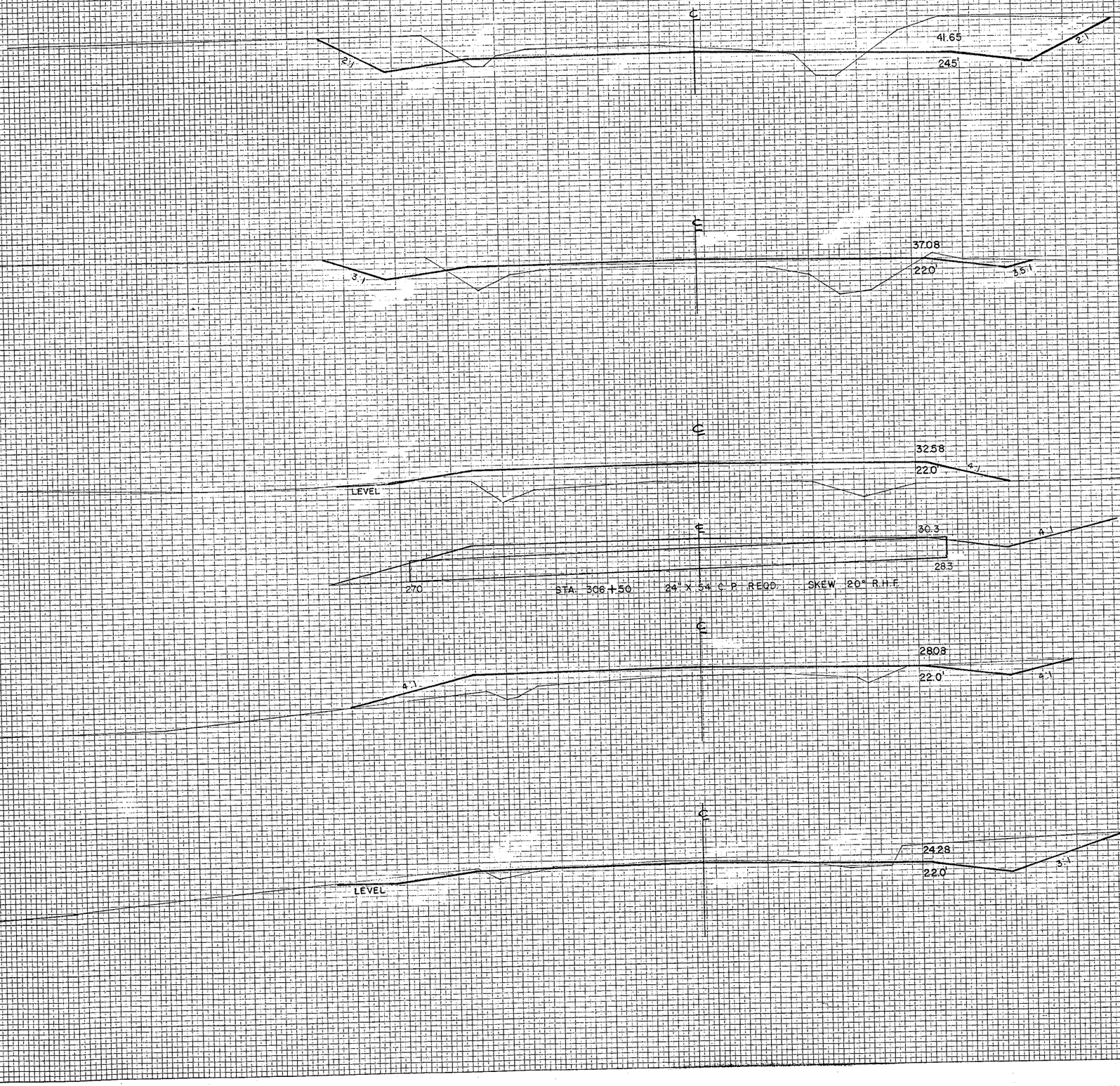
ORIGINAL SURVEY SURVEYED PLOTTED TEMPLATE AREAS CHECKED NOTE BOOK NO. 1, 1,

W. J. C. 2-61
W. J. C. 1-61
E. V. S. 1-61
I. V. J. 2-61

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
304+00			
	320		
		COM.	
303+00			
	315		
298			
		333	139
299			
		37	1000
			PE 15
300			
		0	2250
302+00			
	310		
301			
		0	2491
302			
		0	1491
303			
		59	481
			PE 15
304			
301+48			
	305		
301+00			
	310		
300+00			
	310		
299+00			
	325		
SHEET TOTAL		429	7882

21.68
22.0
3:1
4:1
20.08
22.0
4:1
2:1
9.68
22.0
2:1
2:1
9.98
22.0
2:1
07.5
36"X108' C.M.C.P. REQD.
2:1
97.1
2:1
20.38
22.0
2:1
2:1
22.08
22.0
3:1
2:1
3:1
2458
22.0
3:1
3:1

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	83	98



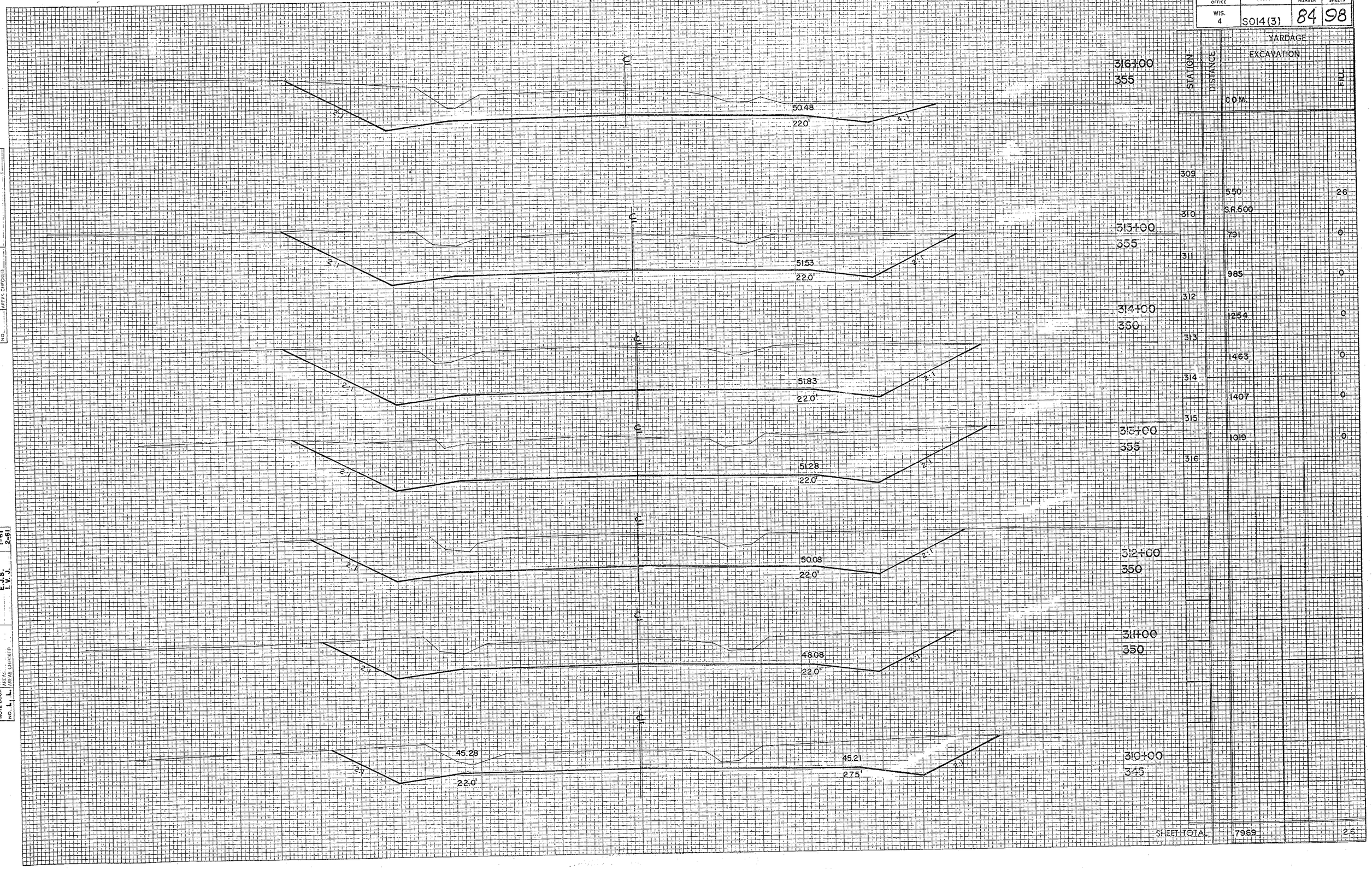
STATION	DISTANCE	YARDAGE EXCAVATION COM	YARDAGE FILL
309+00			
	340		
308+00			
	340		
307+00			
	335		
306+00			
	325		
305+00			
	325		
		304 163	109
		305 122	137
		306 24	324
		307 41	306
		308 230	128
		309	
SHEET TOTAL		580	1004

SURVEY PLOTTED NOTE BOOK TRAVERSE AREAS CHECKED NO.

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

P. J. S.
T. V. J.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	84	98



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

J. J. C.	12-60
R. C. T.	1-61
E. J. S.	1-61
I. V. J.	2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	85	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
		COM.	
316		611	0
317		435	2
318		354	9
319		239	41
320		122	74 P.E.30
321		256	41 P.E.15
322		606 S.R.40	0
323			

323+00
335

3.08
22.0
3:1
29.2

294 STA. 322+90 24"X50' C.P. REQD.
DITCH BLOCK REQD.

CULVERT TO DRAIN DOWN RT. DITCH OF "R" LINE SIDE ROAD.

322+00
335

34.08
22.0'

321+00
340

37.08
22.0
3:1

320+00
340

40.08
4:1
22.0'

319+00
345

43.08
22.0'

318+00
350

46.08
22.0'

317+00
350

48.73
22.0'

2:1

℄

SHEET TOTAL 2663 21.2

ORIGINAL SURVEY
SURVEYED J.J.C. 11-60
PLOTTED R.C.T. 12-60
TEMPLATE E.V.S. 1-61
NOTE BOOK L.L. AREAS CHECKED I.V.S. 2-61
NO.

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	86	98

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE FILL
330+00			
	300		
		97.08	
329+00			
	305		
		03.08	
328+00			
	305		
		09.08	
327+00			
	310		
		14.58	
326+00			
	320		
		19.53	
325+00			
	330		
		23.88	
324+00			
	335		
		27.78	
SHEET TOTAL		1970	1690

4:1 22.0' 4:1 LEVEL

3:1 22.0' 2:1

2:1 22.0' 3:1

2:1 22.0' 2:1

2:1 22.0' 2:1

323	800	0
324	685	4
325	370	43
326	104	228
327	1	439
328	0	502
329	0	474
330		

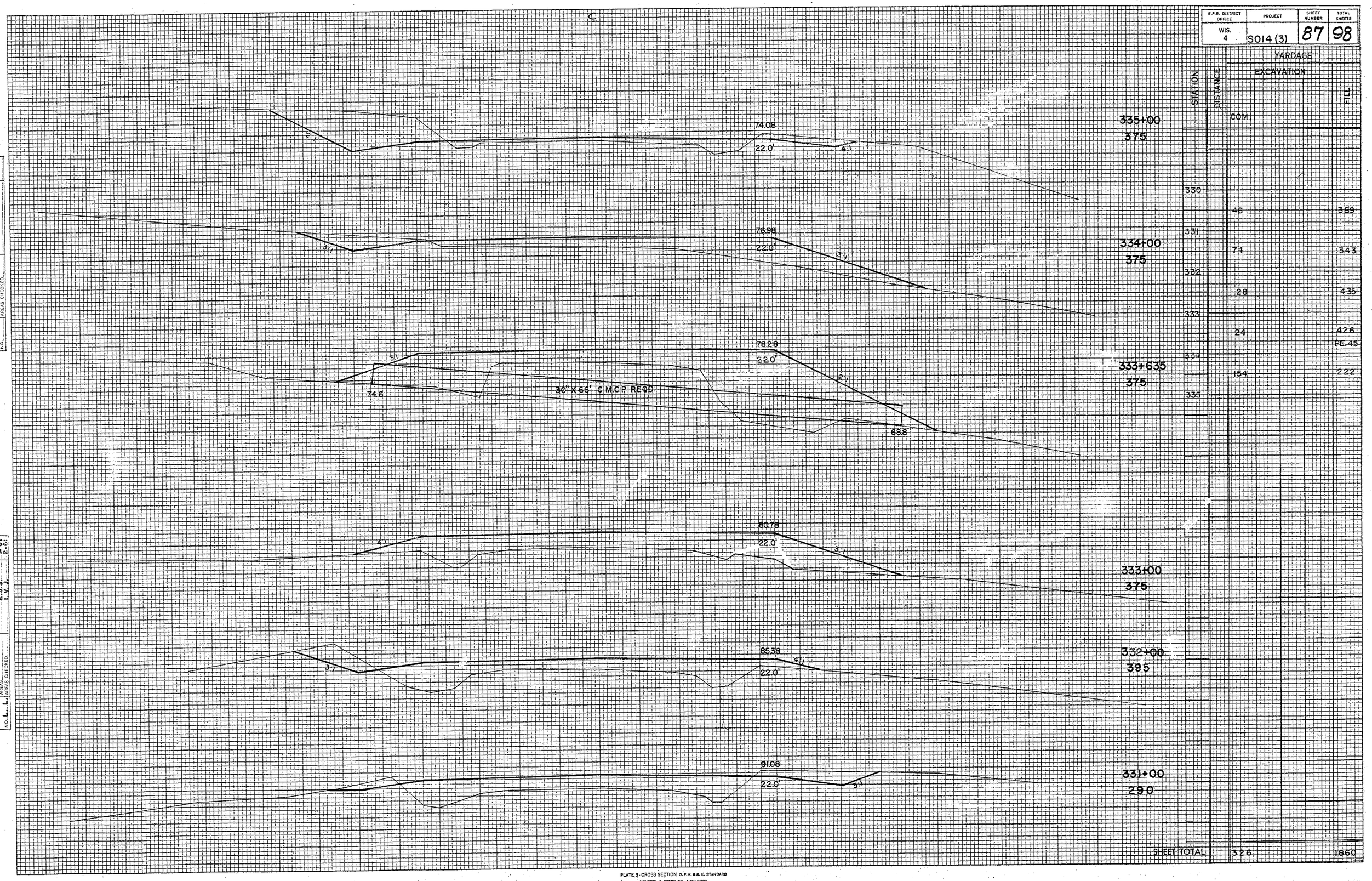
SURVEY: PLOTTED, TYPLATE, AREAS, CHECKED, NOTE BOOK, NO.

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

J. J. C. R. J. J. E. J. S. I. V. J.

11-60 12-60 1-61 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	87	98



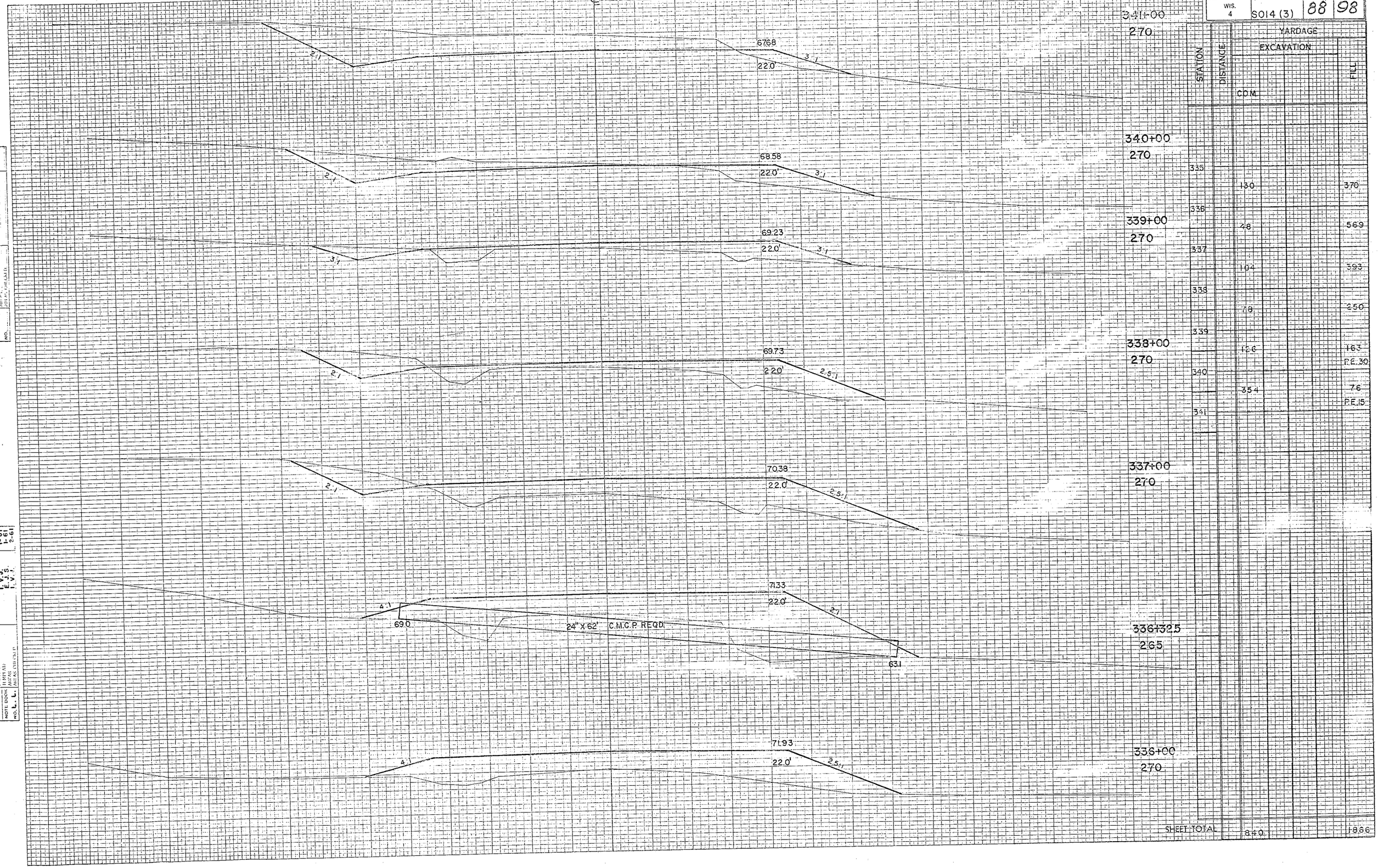
STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE EXCAVATION FILL
335+00			
	375		
330			
		46	389
331			
334+00			
	375		
332			
		74	343
		28	435
333			
		24	426
			PE. 45
333+635			
	375		
		154	222
335			
SHEET TOTAL		326	1860

SURVEY: SURVEYED, PLOTTED, NOTE BOOK, NO., TEMPLATE, AREAS CHECKED

ORIGINAL SURVEY: SURVEYED J. J. C. 11-60; PLOTTED R. C. T. 12-60; TEMPLATE J. J. J. 1-61; AREAS CHECKED E. J. S. 1-61; NO. L. L. L. AREAS CHECKED I. V. J. 2-61

PLATE 3 - CROSS SECTION O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.
K. & E. CO. NO. 345-3

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	88	98



STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE FILL
335			
	130		370
336			
	48		569
337			
	104		393
338			
	78		250
339			
	126		163
			P.E. 30
340			
	354		76
			P.E. 15
341			
SHEET TOTAL	840		1866

NOTE BOOK TERMINAL SHEETS, DETAIL SHEETS, CROSS SECTIONS, NO.

SURVEY SURVEYED BY PLOTTED BY NOTE BOOK NO. L. L. MEARS

W. J. L. (2-28)
T. V. J. (1-61)
E. J. S. (1-61)
I. V. J. (2-61)

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014 (3)	89	98

℄

347+00
260

346+00
260

345+00
265

344+00
265

343+00
265

342+00
270

60.08
22.0'

62.08
22.0'

63.78
22.0'

65.28
22.0'

66.58
22.0'

2:1

4:1

STATION	DISTANCE	YARDAGE EXCAVATION COM.	YARDAGE FILL
341			
	398		30
342			
	265		43
343			
	237		63
344			
	328		48
345			
	439		22
346			
	231		0
347			

SHEET TOTAL 1898 206

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

J. J. C. 12-60
W. J. L. 2-61
E. J. S. 1-61
T. V. J. 2-61

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

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	90	98

STATION	DISTANCE	YARDAGE EXCAVATION	FILL

℄

12.75

15.5

10"C"+50

210

38+18.0=
10"C"+18.0

SHEET TOTAL

SURVEY NOTE BOOK NO. | PLOTTED | TEMPLATE | AREAS CHECKED

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

J. J. C. 11-60
R. V. C. 1-61
E. J. S. 1-61
I. V. J. 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4.	SO 14 (3)	91	98

SURVEY	
PLOTTED	
NOTE BOOK	
NO.	

SURVEYED	J. J. C.
PLOTTED	M. V. J.
TEMPLATE	J. V. J.
AREAS	E. V. S.
AREAS CHECKED	I. V. J.

	12-60
	1-61
	2-61

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
12"J"+00			
	210		
		08.10	
		15.5	
11"J"+55			
	205		
		09.00	
		15.5	
11"J"+00			
	205		
		10.50	
	210		
109+62.0= 10"J"+00			
		SHEET TOTAL	

3:1

3:1

24" X 42" C.P. REQD.

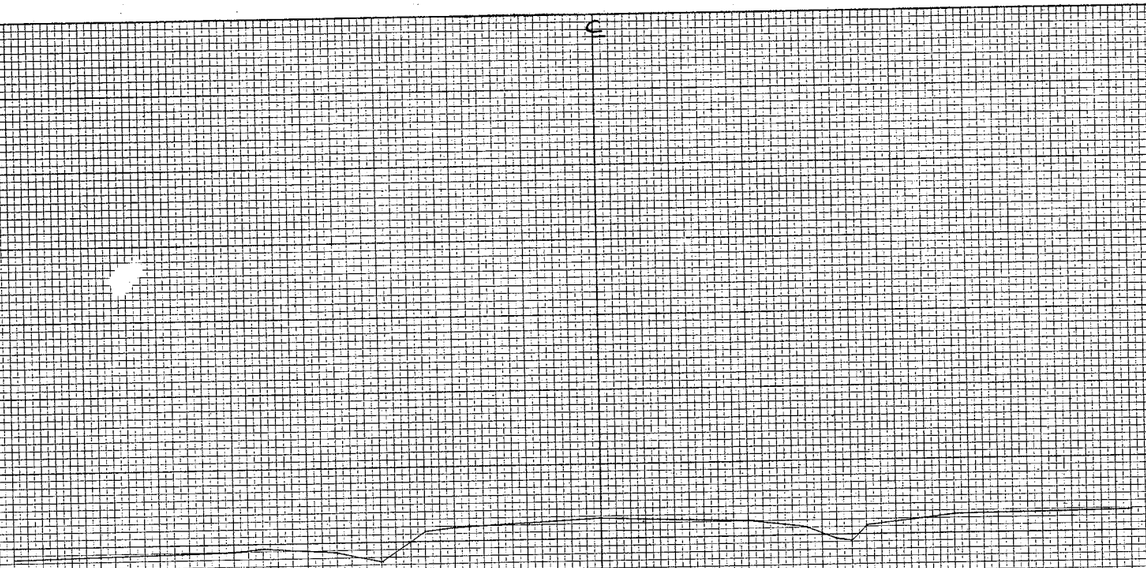
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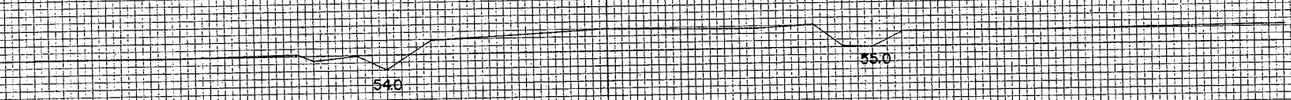
3:1

0.5.9

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	92	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
3"K+00			
	455		
2"K+00			
	455		
1"K+00			
	455		
0"K+50			
	455		
183+62.0= 0"K"+00			
			SHEET TOTAL





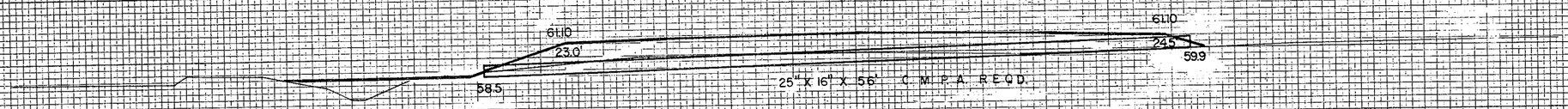




SURVEY	
SURVEYED	W.O.'s 12-60
PLOTTED	I-61
TYPED	E.J.S. 2-61
NOTE BOOK	I.V.J.
AREAS	
NO.	AREAS CHECKED

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	93	98

STATION	DISTANCE	YARDAGE EXCAVATION	FILL



9"L+40
455



9"L+00
455



8"L+00
455

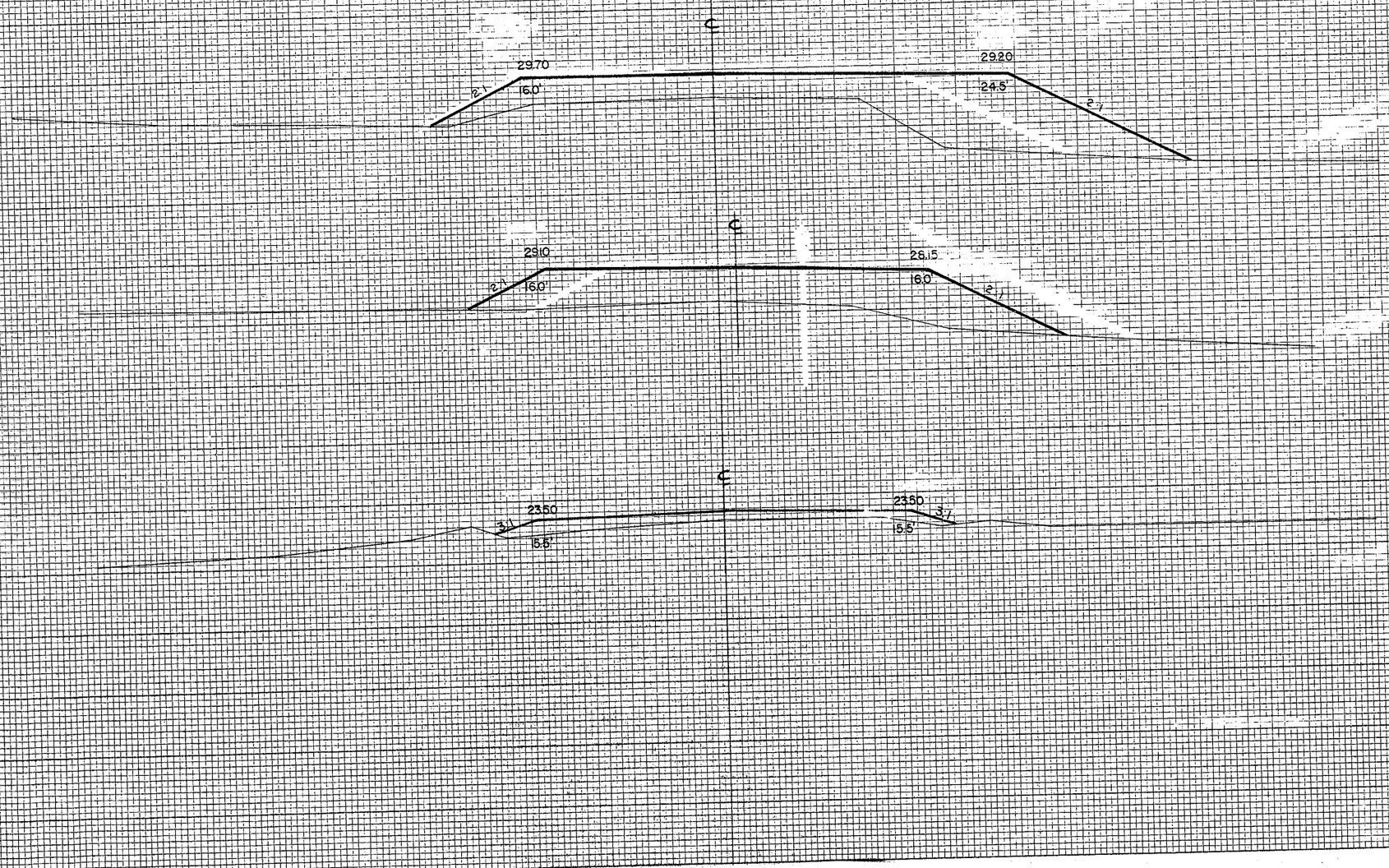
229+66=
10"L+16.5

SHEET TOTAL

ORIGINAL SURVEY
SURVEYED J. J. C.
PLOTTED R. C. T.
NOTE BOOK TEMPLATE F. J. S.
NO. AREAS CHECKED T. V. S.
H = 60
V = 2-6"
H = 60
V = 2-6"

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	94	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
9M+40			
325			
9M+00			
325			
8M+00			
320			
263+14.5= 10M+01.2			
SHEET TOTAL			



NOTE BOOK | TEMPLATE | AREAS | CHECKED
NO. | | |

SURVEY | SURVEYED | PLOTTED | NOTE BOOK | AREAS CHECKED
NO. L. L. L.

R.C.V. | I.V. J.S. | E.V. J.S. | I.V. J.S.
12-60 | 1-61 | 2-61

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	05	98

STATION	DISTANCE	YARDAGE EXCAVATION	FILL

NOTE BOOK	TEMPLATE
	AREAS
NO.	AREAS CHECKED

SURVEY	
SURVEYED	
PLOTTED	
FIELD NOTE	
NOTE BOOK	
NO.	AREAS CHECKED

R. C. T.	
R. V. J.	12-60
E. W. S.	1-61
I. V. L.	2-61

9"N+35
335

9"N+00
340

8"N+00
340

294+84.5=
9"N"+98.1

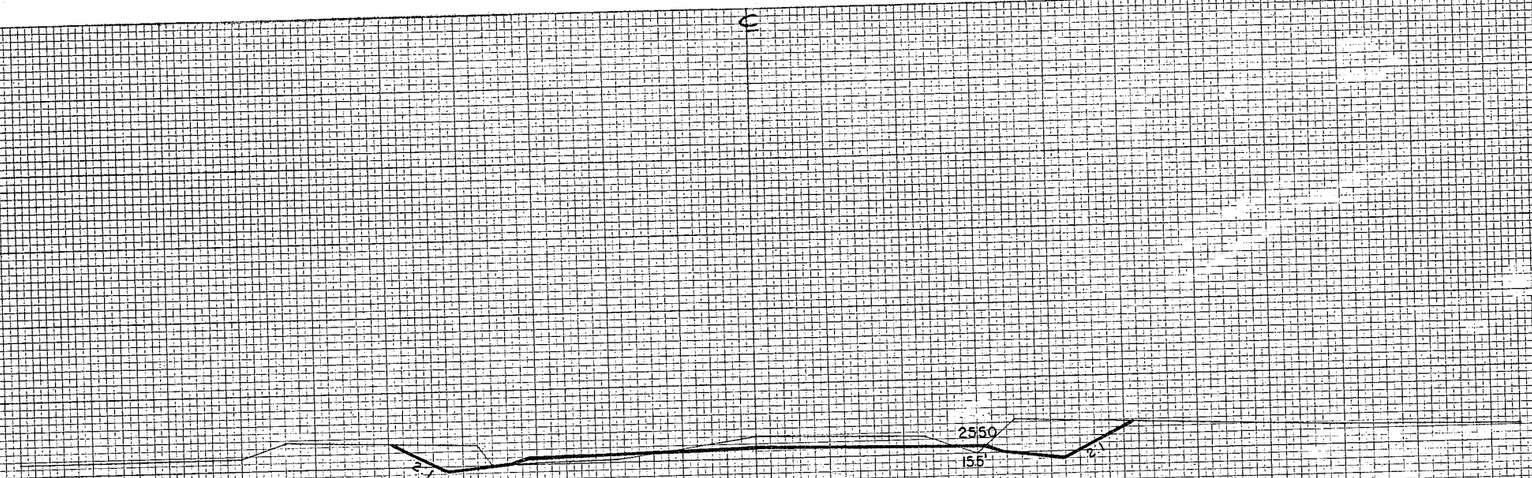
SHEET TOTAL

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	96	98

NOTE BOOK	TEMPLATE
NO.	AREAS
	AREAS CHECKED

SURVEY	
SURVEYED	W.J.L. 12-60
PLOTTED	V.V.J. 1-61
NOTE BOOK	E.J.S. 1-61
AREAS	I.V.J. 2-61
NO. L. L.	AREAS CHECK'D.

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
12"P"400			
325			
11"P"400			
330			
10"P"150			
330			
296+33.3=			
9"P"+989			
SHEET TOTAL			







B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER	TOTAL SHEETS
WIS. 4	S014(3)	97	98

STATION	DISTANCE	YARDAGE EXCAVATION	YARDAGE FILL
9"Q"+50			
	345		
9"Q"+00			
	345		
8"Q"+00			
	345		
309+63 = 9"Q"+95.6			

SHEET TOTAL

ORIGINAL SURVEY	BY	DATE
SURVEYED	J. J. C.	11-60
PLOTTED	W. J. L.	12-60
NOTE BOOK	J. J. S.	1-61
AREAS	E. V. J.	2-61
AREAS CHECKED		

SURVEY	
SURVEYED	
PLOTTED	
NOTE BOOK	
TEMPLATE	
AREAS	
AREAS CHECKED	

B.P.R. DISTRICT OFFICE	PROJECT	SHEET NUMBER
WIS. 4	S014(3)	98

STATION	DISTANCE	YARDAGE EXCAVATION
9"R"+50		
330		
9"R"+00		
325		
322+75.9= 10"R"+00		

30.50
15.5
2%
2%

FINAL SURVEY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK NO.	
PAGES	
DATE	
BY	

ORIGINAL SURVEY	
SURVEYED	W.J.C.
PLOTTED	W.J.L.
TEMPLATE	E.V.S.
NOTE BOOK NO.	E.V.S.
PAGES	
DATE	11-60 12-60 1-61 2-61
BY	