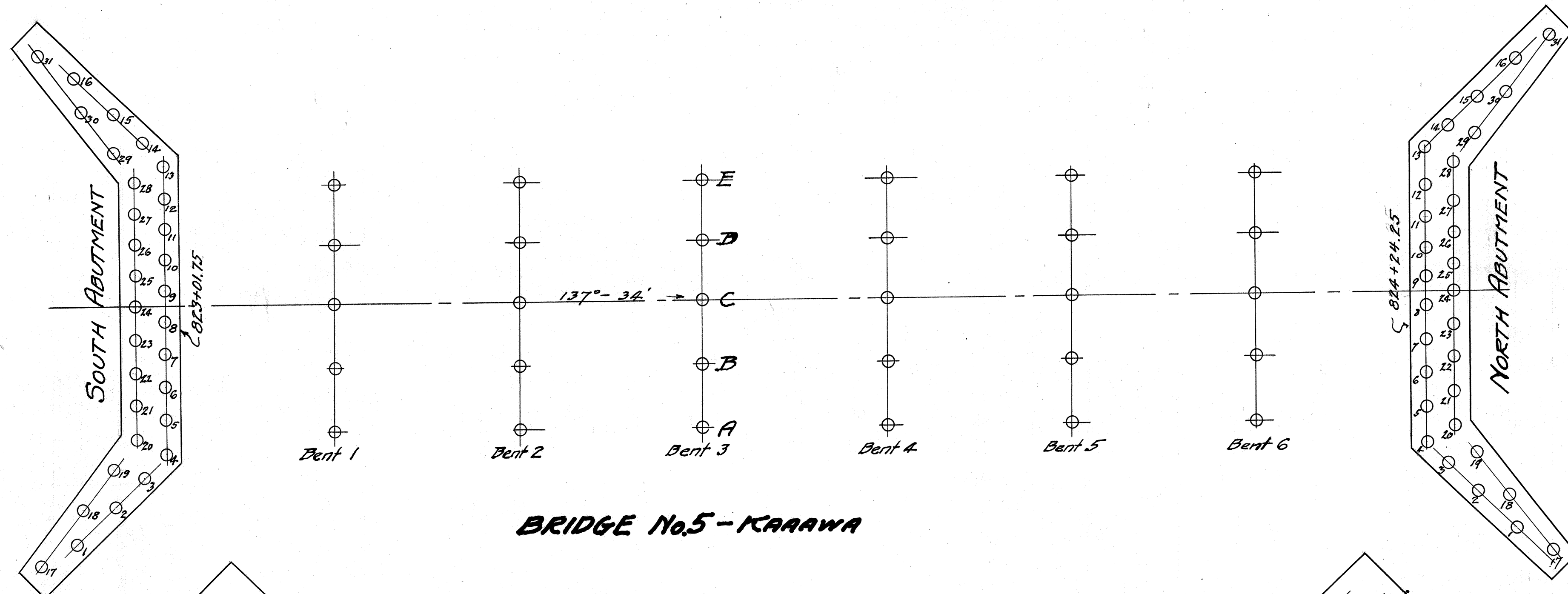
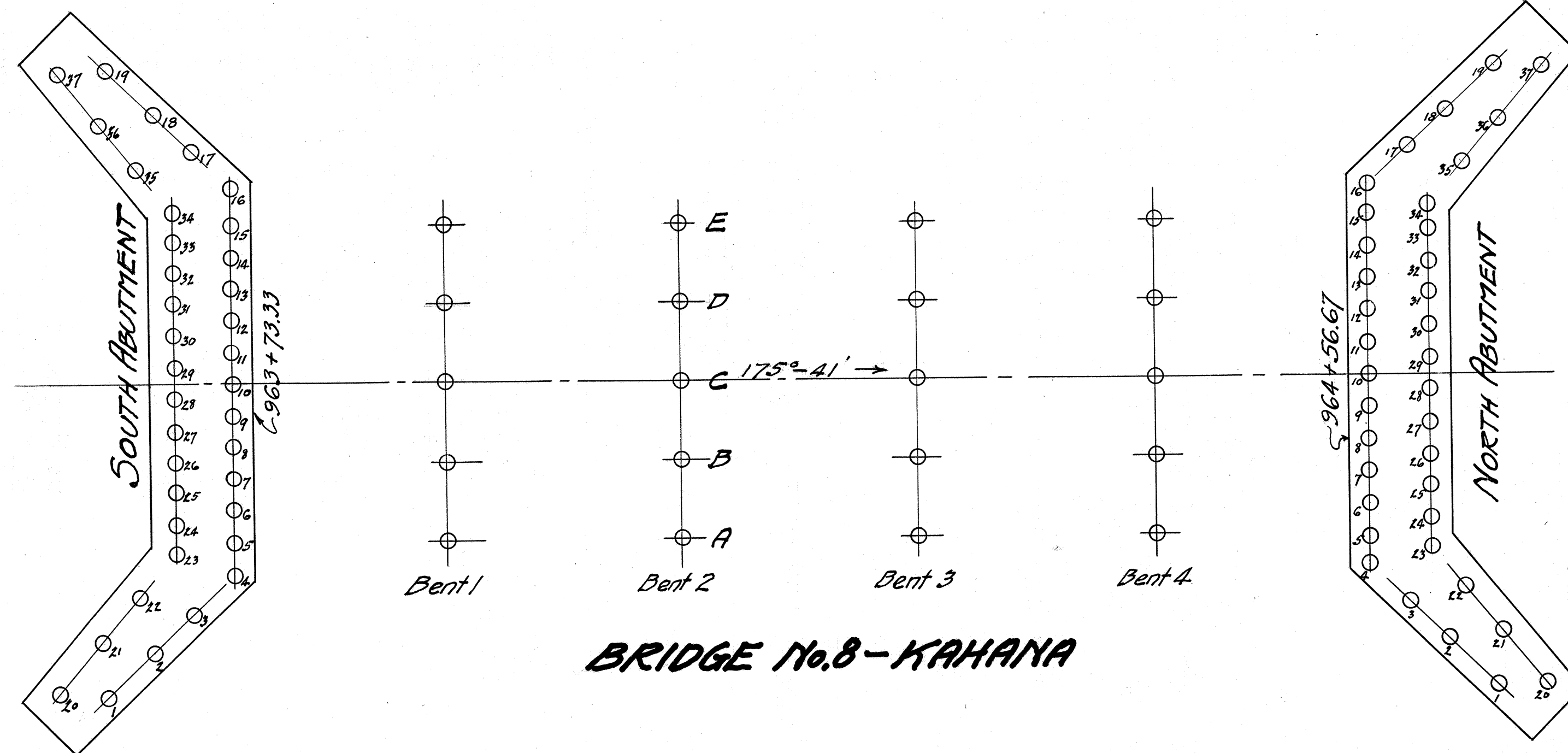
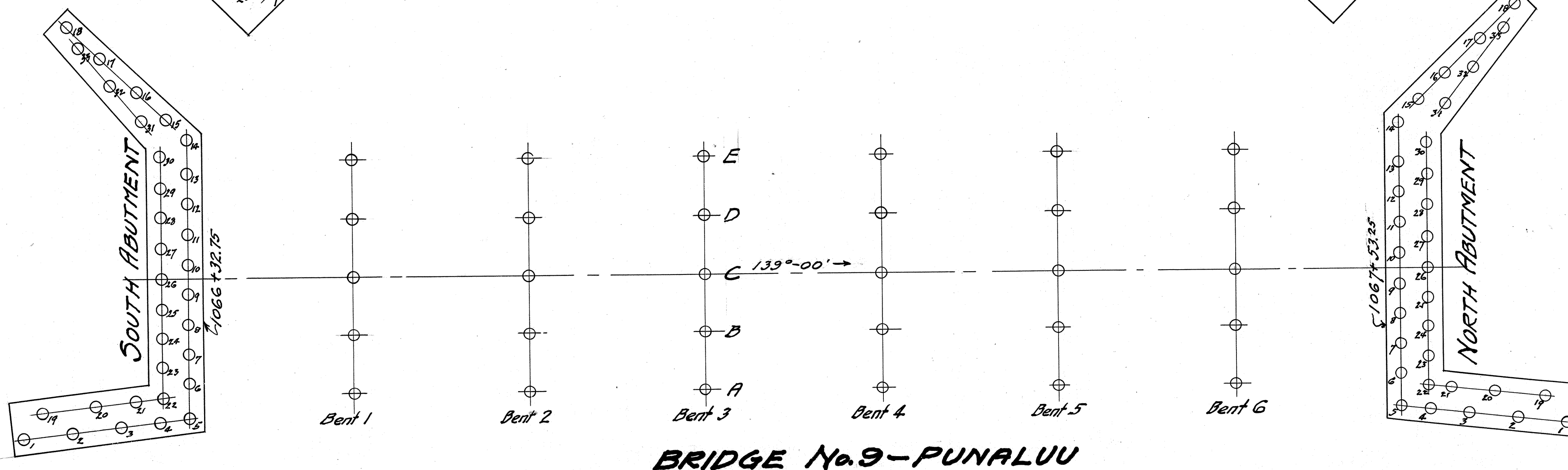




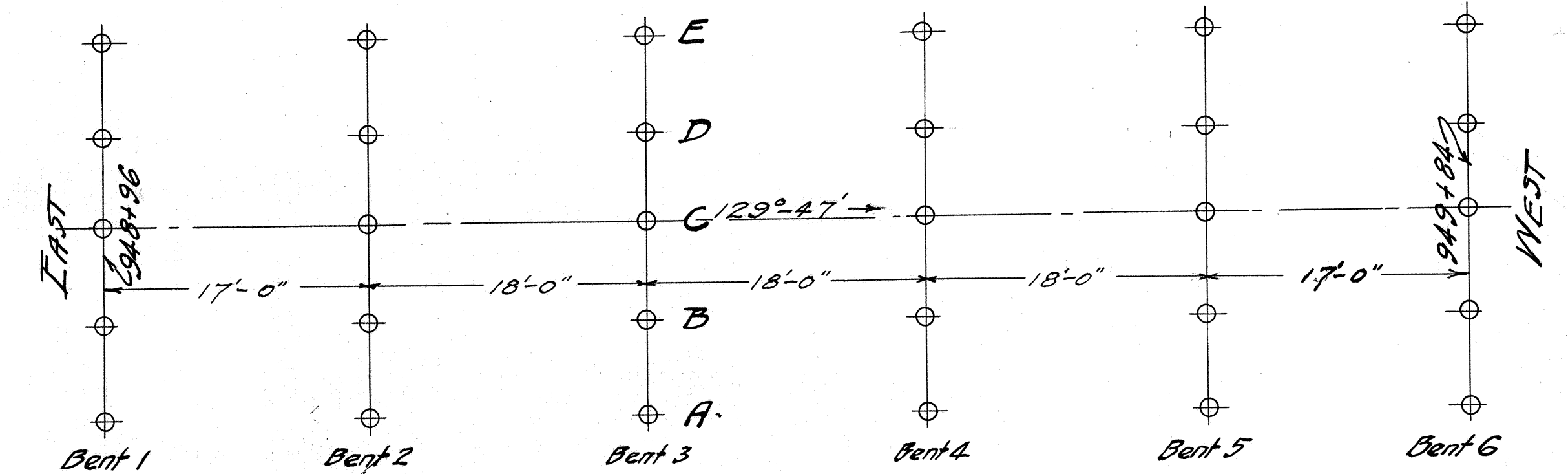
BRIDGE No. 5 - KAAAWA



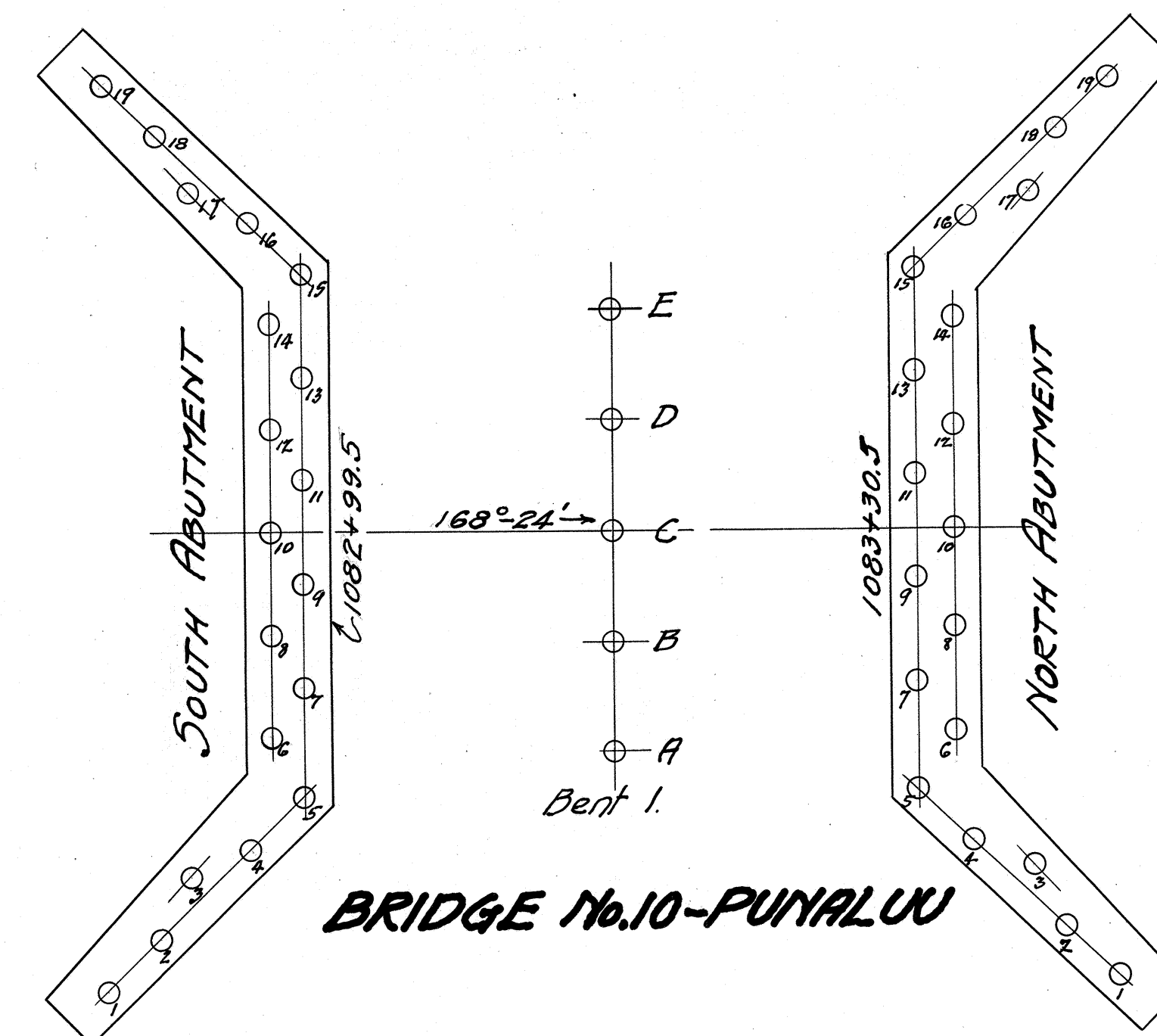
BRIDGE No. 8 - KAHANA



BRIDGE No. 9 - PUNALUU



BRIDGE No. 7 - KAHANA



BRIDGE No. 10 - PUNALUU

NOTES

- The inspector is to keep the pile driving report provided herewith and submit same to the office for record on this sheet.
- After driving record shall be made on this sheet as follows:-

	Wood	Wood & Conc. Socket	Conc.
a - Kind of Pile	28.5	W 16.5 C.S. 12.0	28.5
b - Length after cut-off	7/16	W 400 C.S. 3/16	7/16
c - Total Blows	7/13"	9/13"	9/13"
d - Blows per last 10 inches	20	21	21
e - Bearing Power in tons	by Eng. News formula.		
- Note for each bridge, size and type of hammer used, also the name of pile driving inspector.
- Refer to drawings of same series and to spec. for size of piles, details of conc. piles, conditions of driving etc.

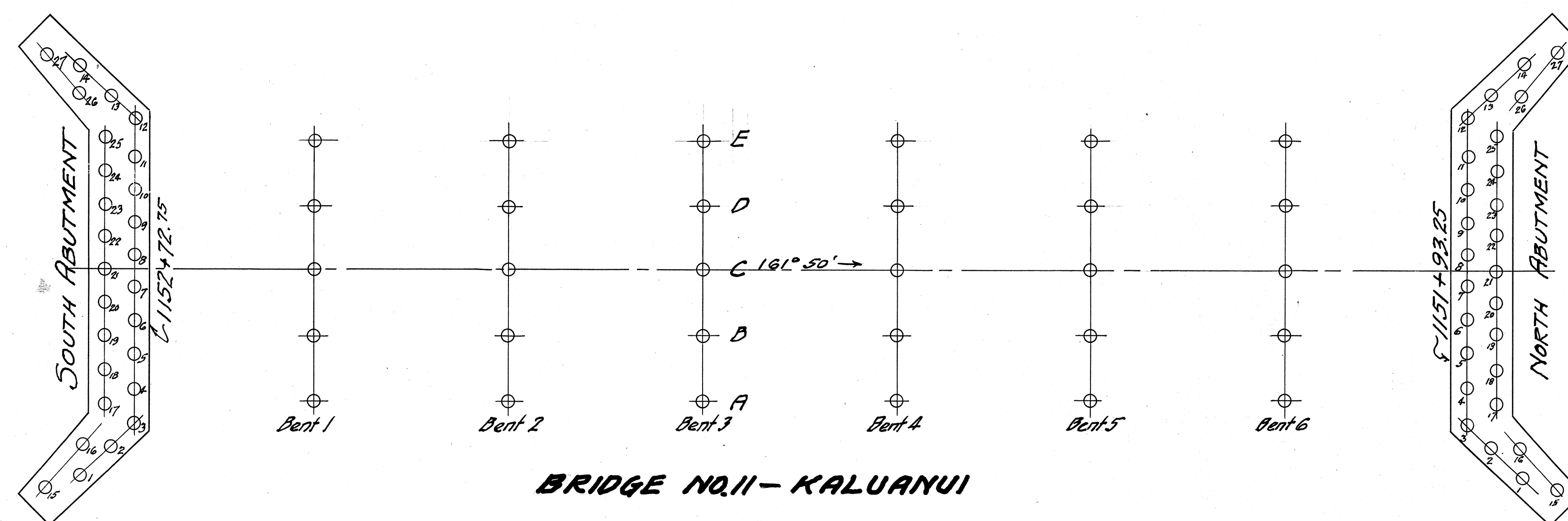
3076.91

**PLAN OF PILE LOCATIONS
AND
RECORD OF PILES DRIVEN.**

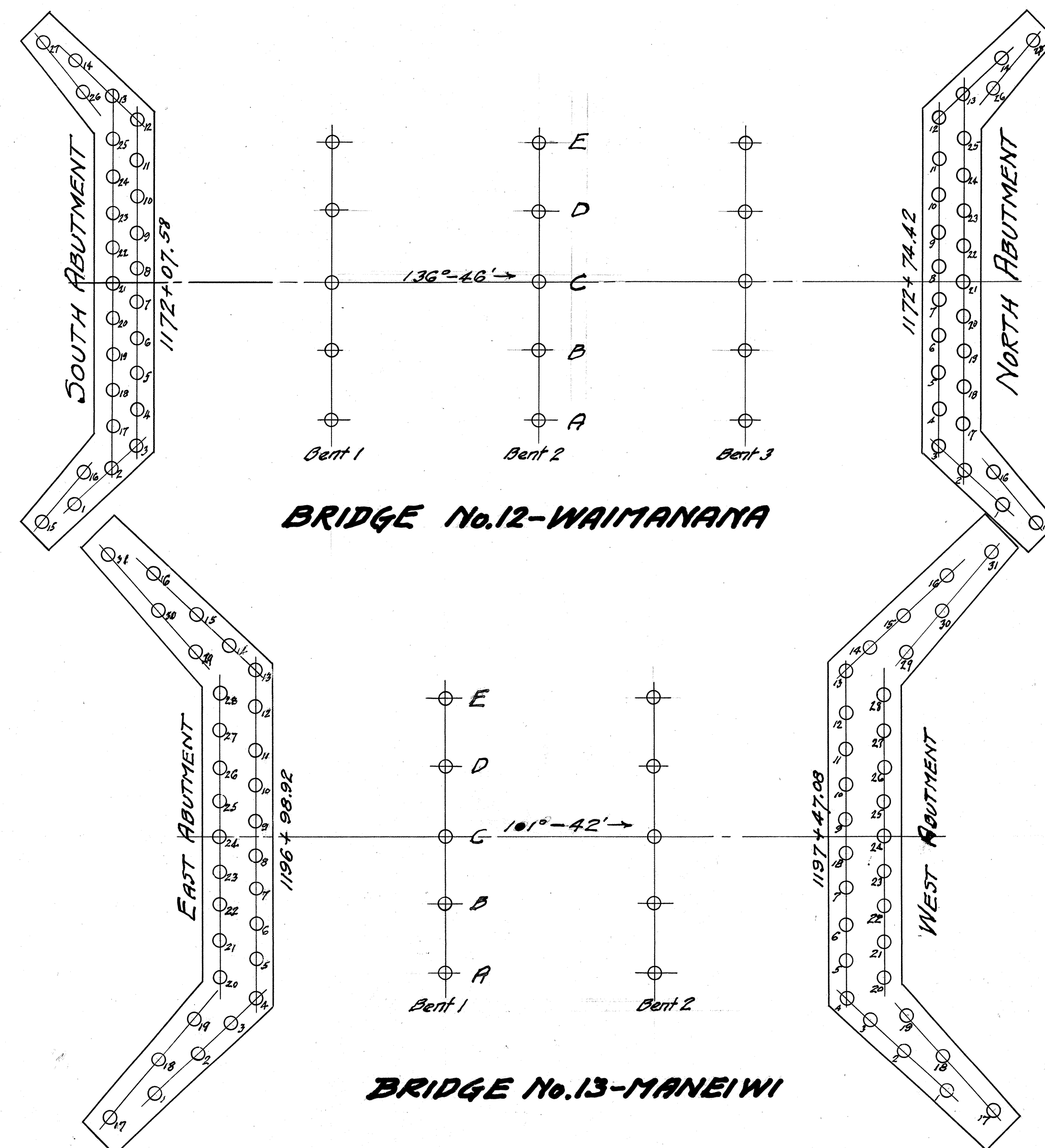
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAW.	HAW.	1A	1925	92	90+

CONSTRUCTION DRAWING.

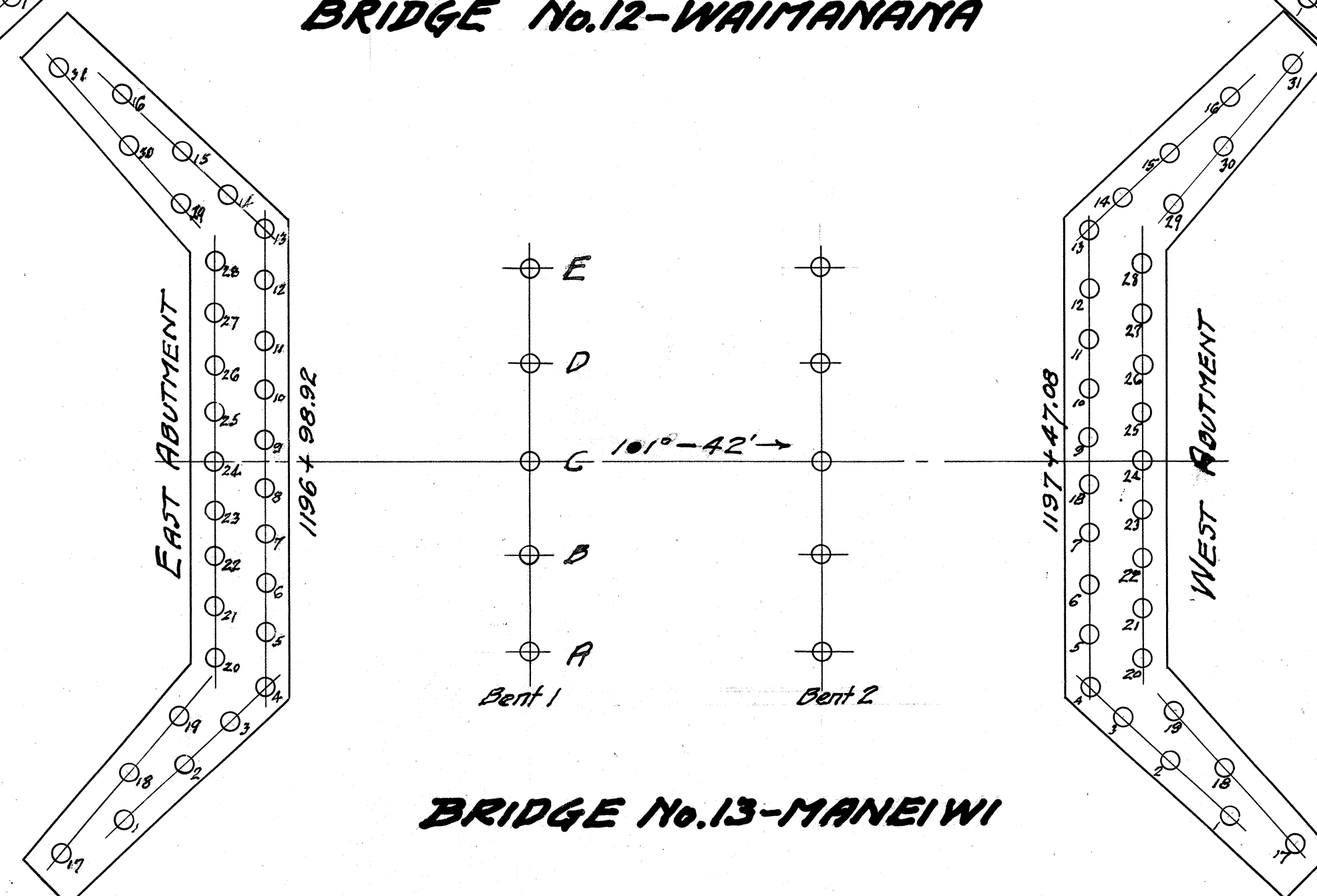
REPORT FORM PROVIDED



BRIDGE NO. 11 - KALUANUI



BRIDGE No. 12 - WAIMANANA



BRIDGE No. 13 - MANEIWI

NOTES

1 - The inspector is to keep the pile driving report provided herewith and submit same to the office for record on this sheet.

2 - After driving record shall be made on this sheet as follows:-

EXAMPLES			
a - Kind of Pile	Wood	Wood & Conc. Socket	Conc.
b - Length after cut-off	28.5	W 16.5 C.S. 12.0	28.5
c - Total Blows	716	W 400 C.S. 316	716
d - Blows per foot - inches	7 1/3"	9 1/3"	9 1/3"
e - Bearing Power in tons	20	21	21
by Eng. News formula.			

3 - Note for each bridge, size and type of hammer including stroke used, also the name of the pile driving inspector.

4 - Refer to drawings of same series and to spec. for size of piles, details of conc. piles, conditions of driving etc.

3076.92

PLAN OF PILE LOCATIONS
AND
RECORD OF PILES DRIVEN