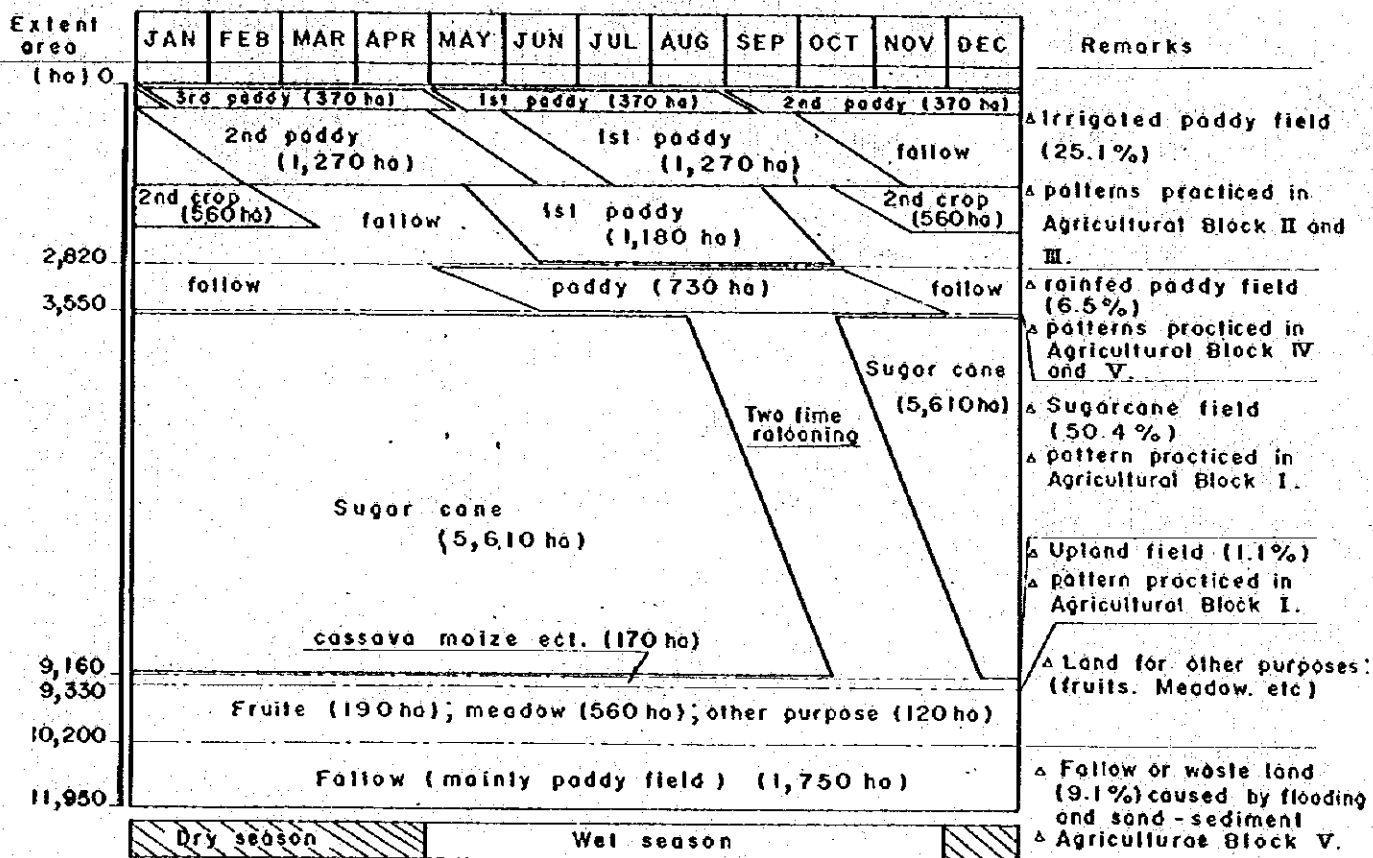


FIGURE III - 6
 CHANGE OF RIVER CONDITION BETWEEN 1966
 AND 1976 IN PASIG ALLUVIAL FAN

FIGURE II - 8 LAND USE AND PRESENT CROPPING PATTERN



DPWTC

TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES

PASIG-POTRERO RIVER FLOOD CONTROL
AND SABO PROJECT PHILIPPINES

CHECKED BY DESIGNED BY DRAWN BY

TITLE OF DRAWING

DATE

SCALE

AREA AFFECTED

SEP. 30. 1978

1: 50,000

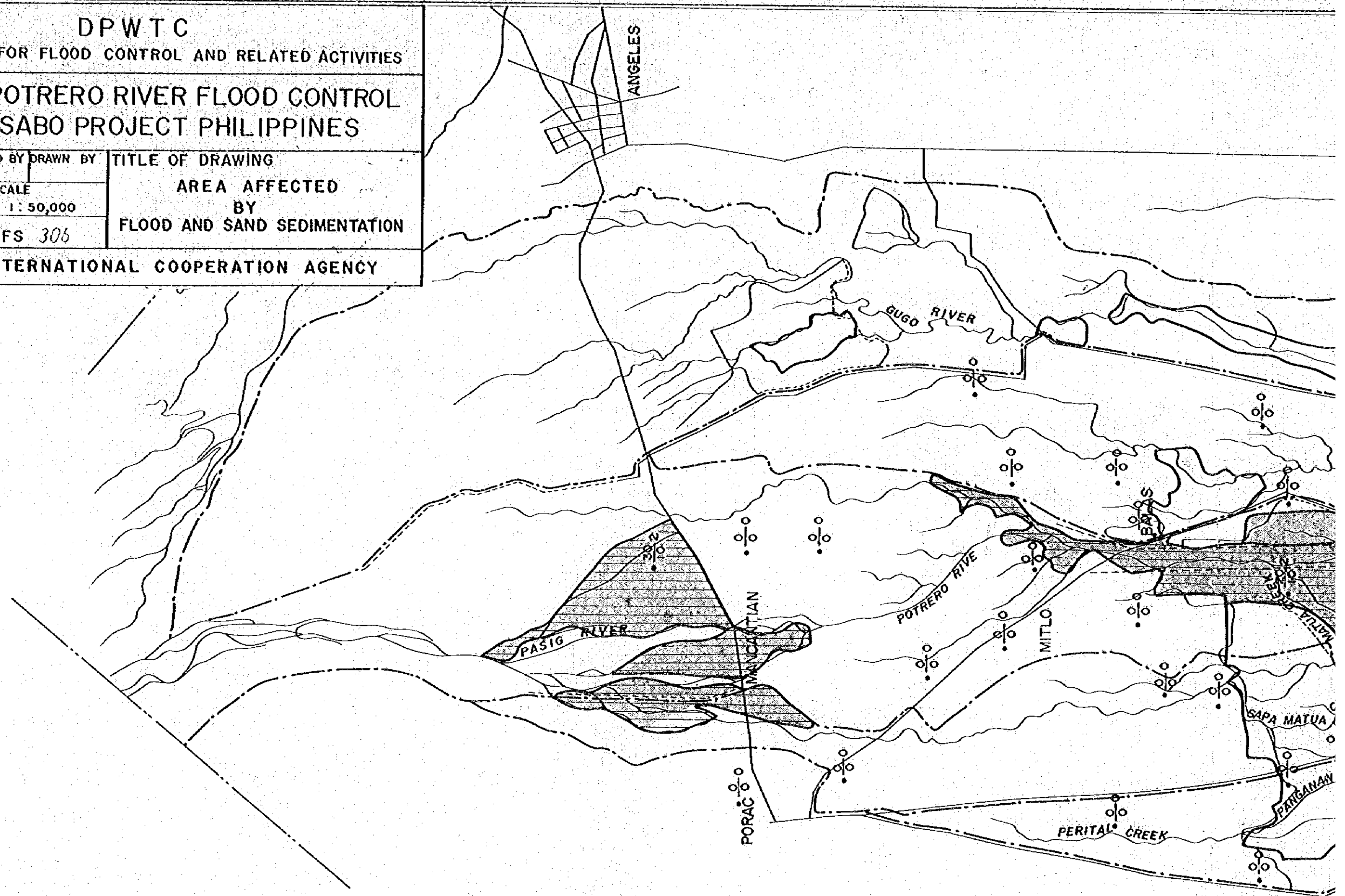
BY

DRAWING NO.

PPFS 306

FLOOD AND SAND SEDIMENTATION

JAPAN INTERNATIONAL COOPERATION AGENCY



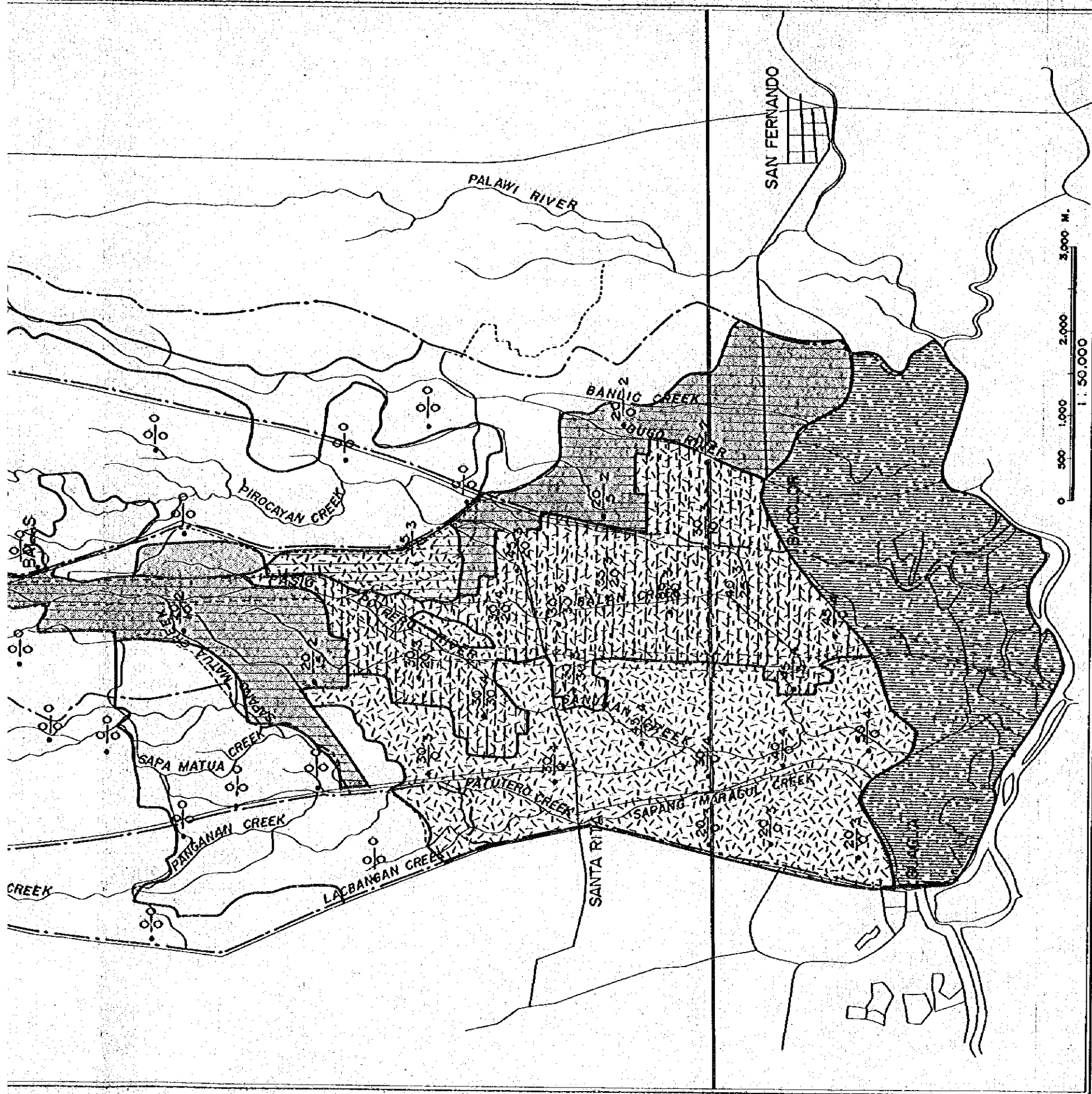


FIGURE III-9 AREA AFFECTED BY FLOODING AND SAND - SEDIMENTS (mid - May, 1966)

MAPPING SYMBOL	CLASSIFICATION SYMBOL	EXTENT AREA (ha)	Note	Classification criteria			
				(1)	(2)	(3)	(4)
[Symbol 1]	A(1).B(2)	70	A. Inundation period	1 to 2 days	3 to 4 days	5 to 7 days	more than 7 days
[Symbol 2]	A(1).B(2).C(1)	1,420	B. Inundation depth	less than 15 cm	15 to 45 cm	45 to 75 cm	more than 75 cm
[Symbol 3]	A(2).B(2)	1,200	C. Depth of sediments	less than 10 cm	10 to 30 cm	30 to 50 cm	50 cm
[Symbol 4]	A(2).B(2).C(1)	120					
[Symbol 5]	A(2).B(2).C(2)	1,030					
[Symbol 6]	A(3).B(3)	1,250					
Total		5,090					

Data source ; The philippines recomends for rice, 1977
 Depth of inundation and sediments is
 preliminarily estimated based on the
 data obtained by field interviews with farmers.

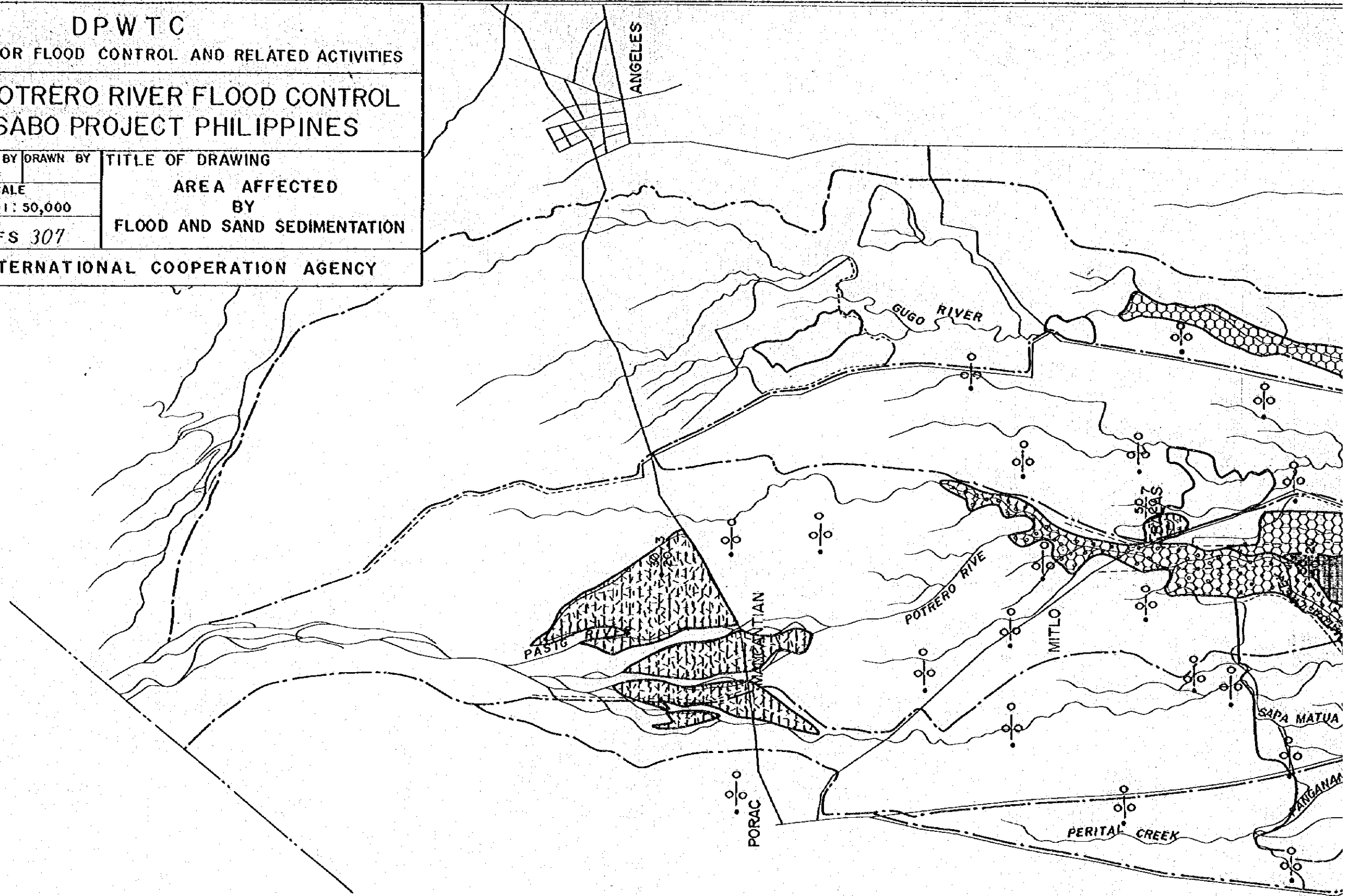
DPWTC

TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES

PASIG-POTRERO RIVER FLOOD CONTROL
AND SABO PROJECT PHILIPPINES

CHECKED BY	DESIGNED BY	DRAWN BY	TITLE OF DRAWING
DATE	SCALE		AREA AFFECTED
SEP. 30 1978	1:50,000		BY
DRAWING NO.	PPFS 307		FLOOD AND SAND SEDIMENTATION

JAPAN INTERNATIONAL COOPERATION AGENCY



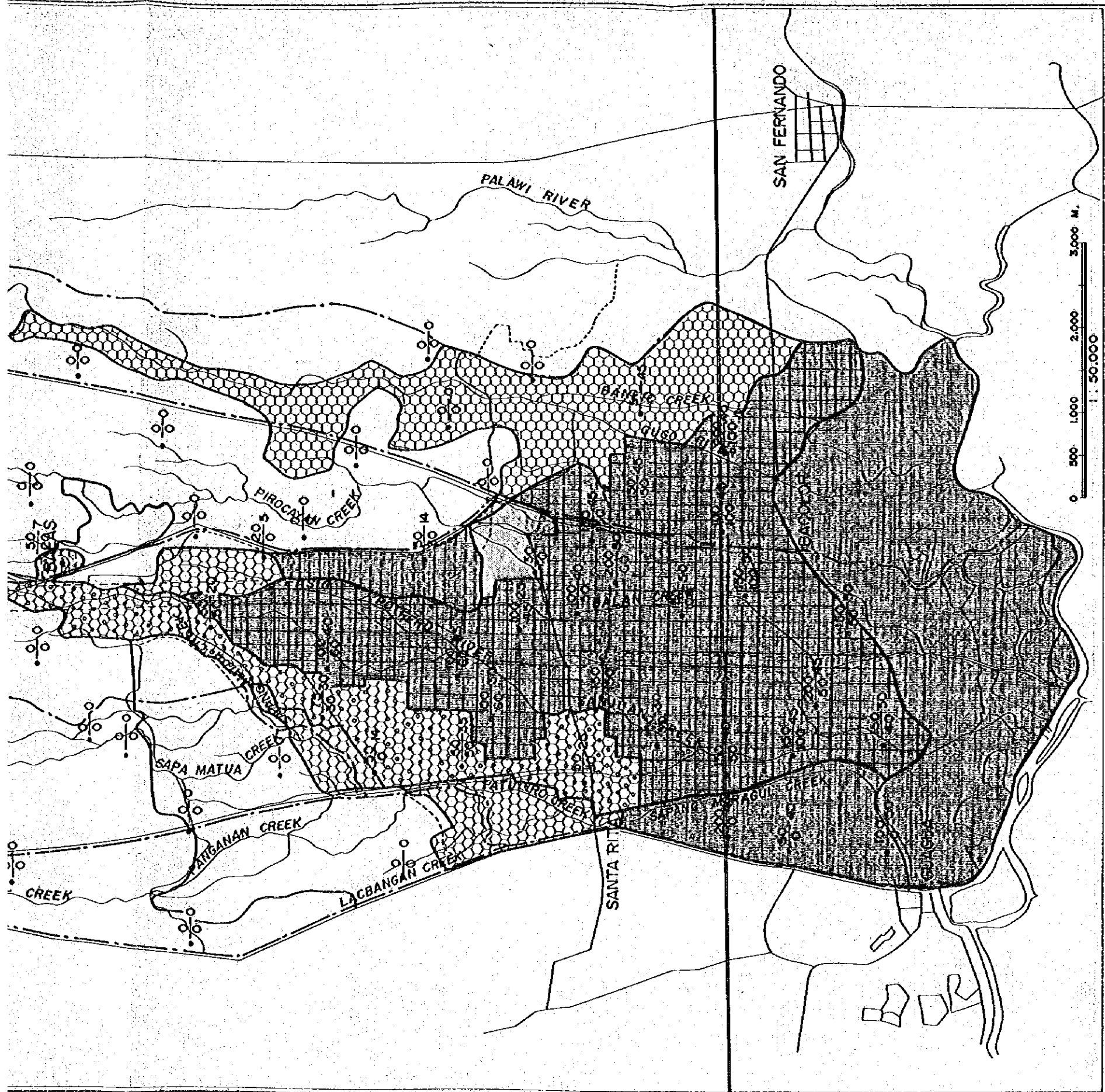


FIGURE 10 AREA AFFECTED BY FLOODING AND SAND - SEDIMENTS
(Jun - Aug , 1972)

MAPPING SYMBOL	CLASSIFICATION SYMBOL	EXTENT AREA (ha)	Note ; Classification criteria			
			(1)	(2)	(3)	(4)
[Symbol 1]	A(1).B(2)	70	1 to 2 days	3 to 4 days	5 to 7 days	more than 7 days
[Symbol 2]	A(2).B(1).C(2)	450	less than 15 cm	15 to 45 cm	45 to 75 cm	more than 75 cm
[Symbol 3]	A(3).B(2).C(2)	20	less than 10 to 30 cm	30 to 50 cm	50 cm	
[Symbol 4]	A(4).B(3)	1,050				
[Symbol 5]	A(4).B(3).C(2)	130				
[Symbol 6]	A(4).B(3).C(3)	540				
[Symbol 7]	A(4).B(4)	1,470				
[Symbol 8]	A(4).B(4).C(4)	1,770				
Total		5,500				

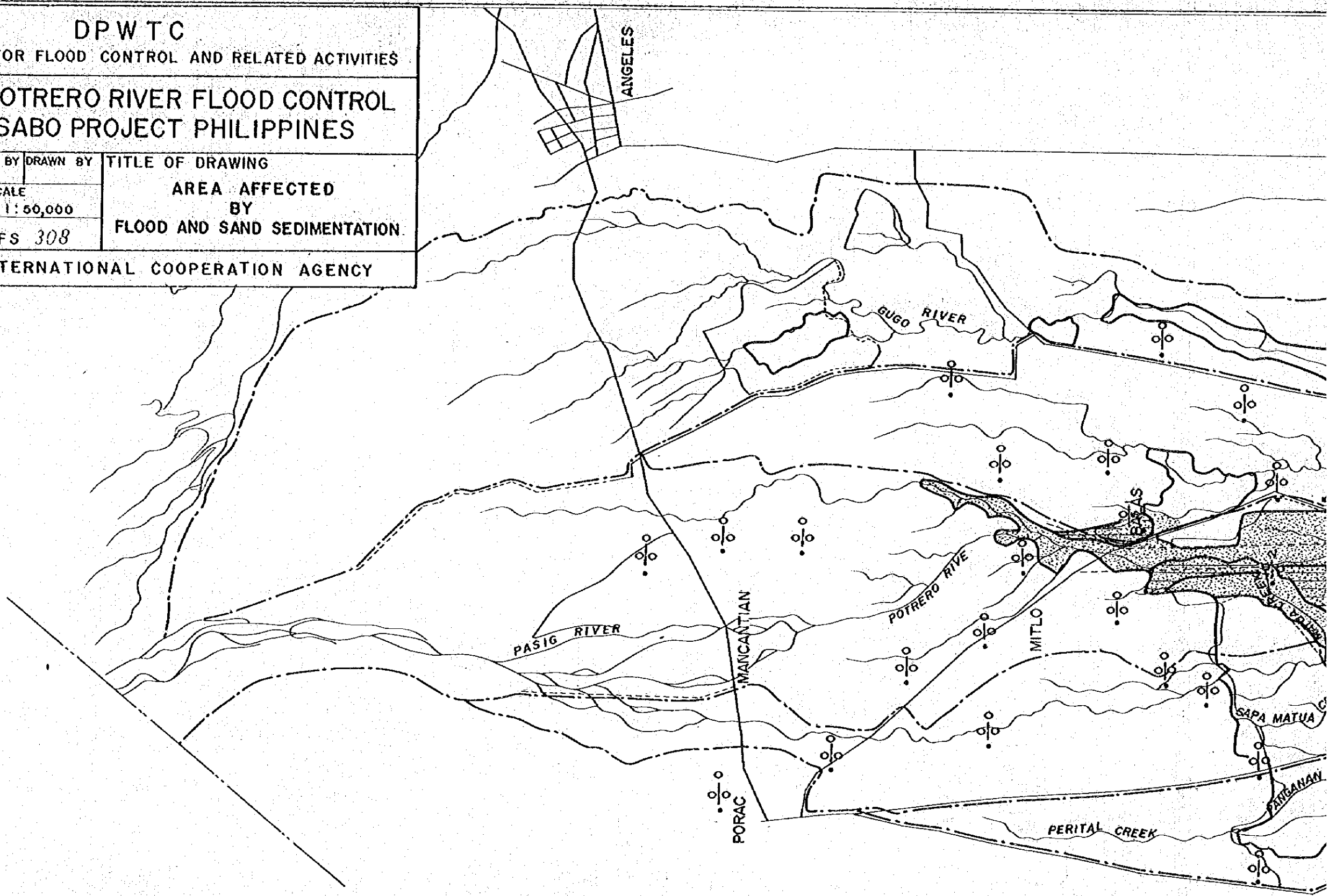
Data source ; The Philippines recomends for rice , 1977
Depth of inundation and sediments is preliminarily estimated based on the data obtained by field interviews with farmers.

DPWTC
 TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES

**PASIG-POTRERO RIVER FLOOD CONTROL
 AND SABO PROJECT PHILIPPINES**

CHECKED BY	DESIGNED BY	DRAWN BY	TITLE OF DRAWING
DATE	SCALE		AREA AFFECTED BY FLOOD AND SAND SEDIMENTATION
SEP. 30. 1978	1:50,000		
DRAWING NO.			
PPFS 308			

JAPAN INTERNATIONAL COOPERATION AGENCY



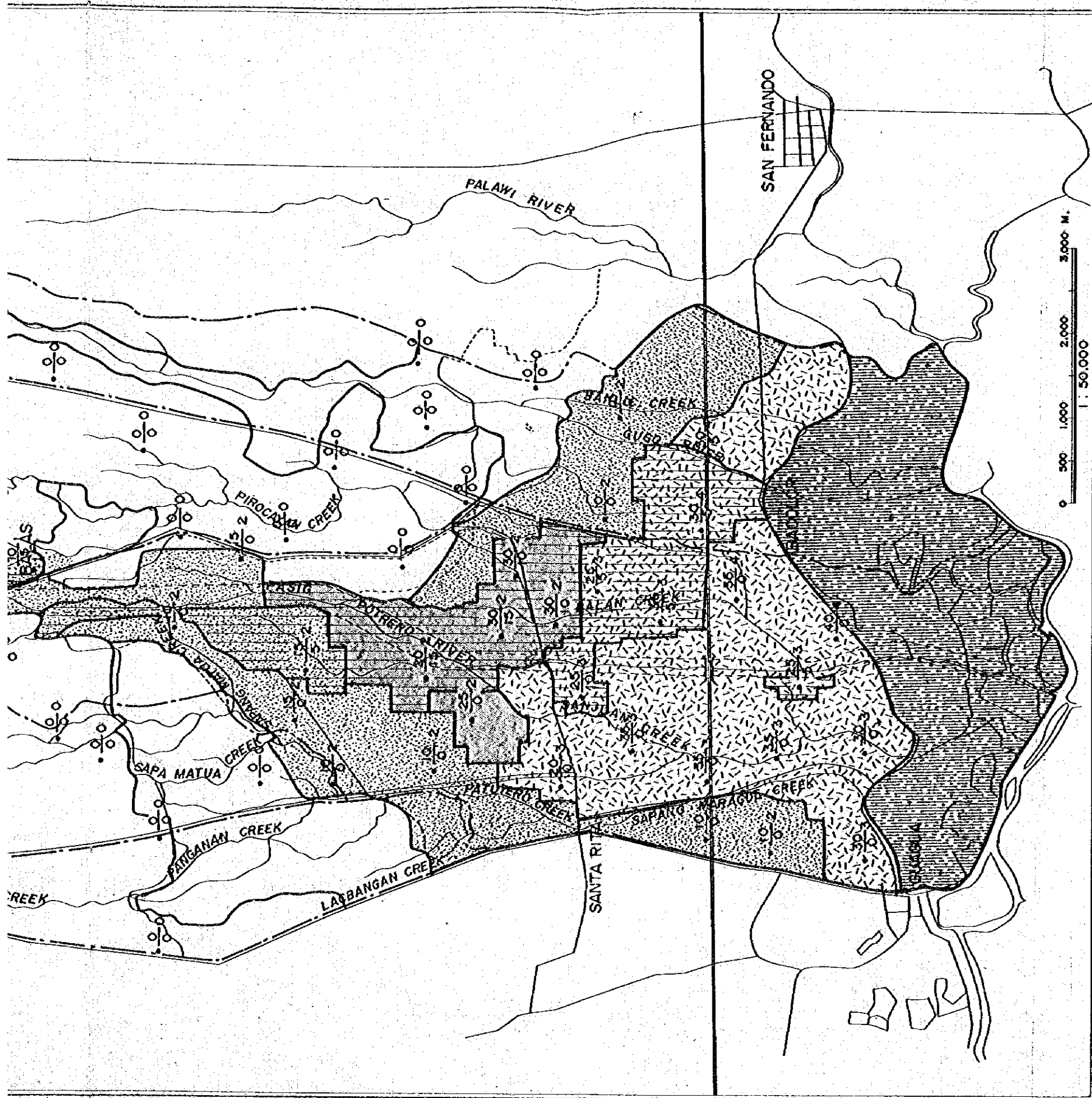


FIGURE I-11 AREA AFFECTED BY FLOODING AND SAND - SEDIMENTS
(mid - Aug., 1974)

MAPPING SYMBOL	CLASSIFICATION SYMBOL	EXTENT AREA (ha)	Note ;	Classification criteria			
				(1)	(2)	(3)	(4)
[Symbol 1]	A(1).B(1)	1,320	A. Inundation period	1 to 2 days	3 to 4 days	5 to 7 days	more than 7 days
[Symbol 2]	A(1).B(1).C(1)	180	B. Inundation depth	less than 15 cm	15 to 45 cm	45 to 75 cm	more than 75 cm
[Symbol 3]	A(1).B(2)	70	C. Depth of sediments	less than 10 cm	10 to 30 cm	30 to 50 cm	more than 50 cm
[Symbol 4]	A(1).B(2).C(1)	400					
[Symbol 5]	A(2).B(2)	1,370					
[Symbol 6]	A(2).B(2).C(1)	350					
[Symbol 7]	A(3).B(3)	1,250					
[Symbol 8]	Total	4,940					

Data source ; The Philippines recomends for rice, 1977
Depth of inundation and sediments is
preliminarily estimated based on the
data obtained by field interviews with farmers.

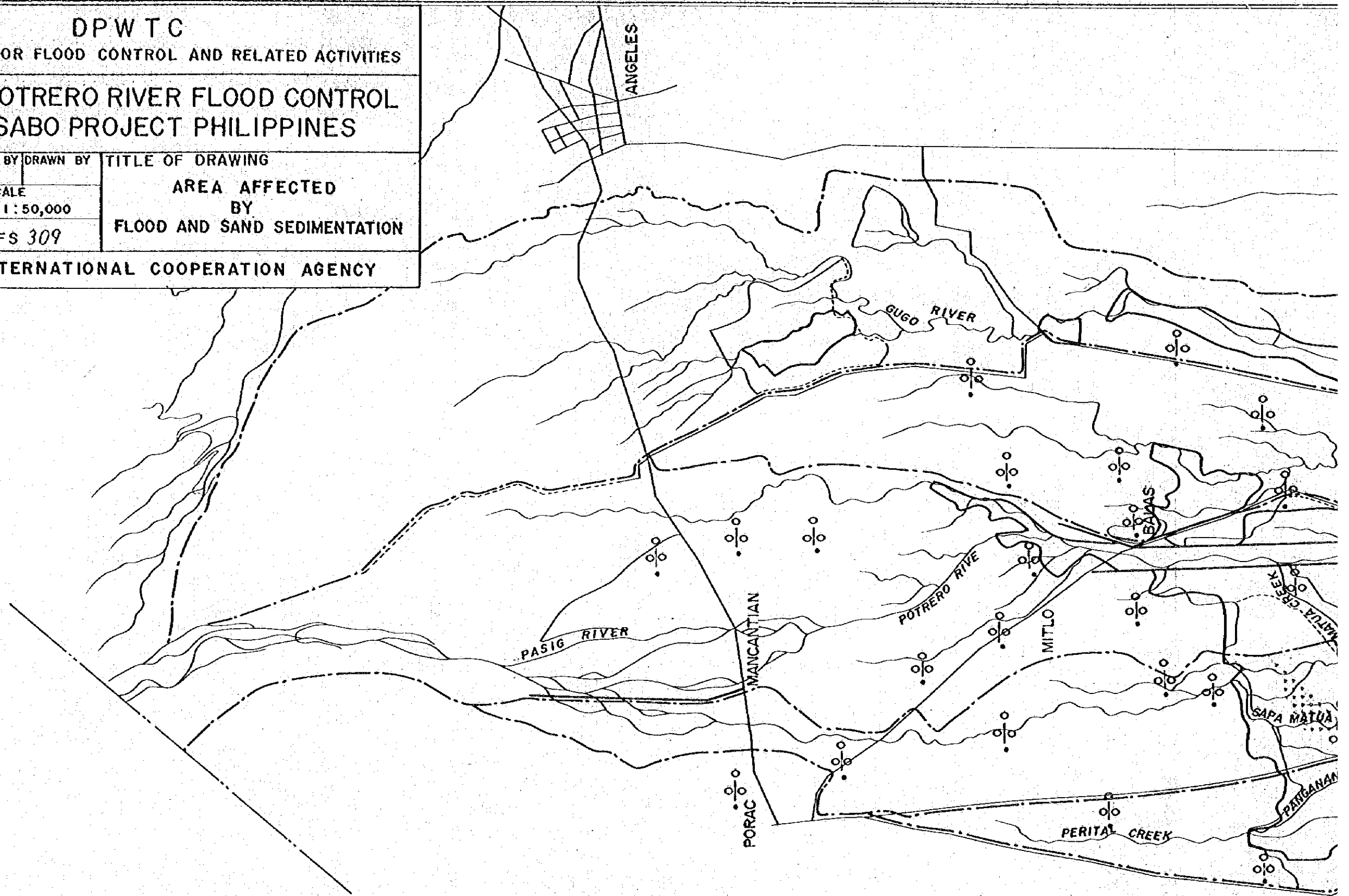
DPWTC

TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES

PASIG-POTRERO RIVER FLOOD CONTROL
AND SABO PROJECT PHILIPPINES

CHECKED BY	DESIGNED BY	DRAWN BY	TITLE OF DRAWING
DATE	SCALE		AREA AFFECTED
SEP. 30. 1978	1:50,000		BY
DRAWING NO.	PPFS 309		FLOOD AND SAND SEDIMENTATION

JAPAN INTERNATIONAL COOPERATION AGENCY



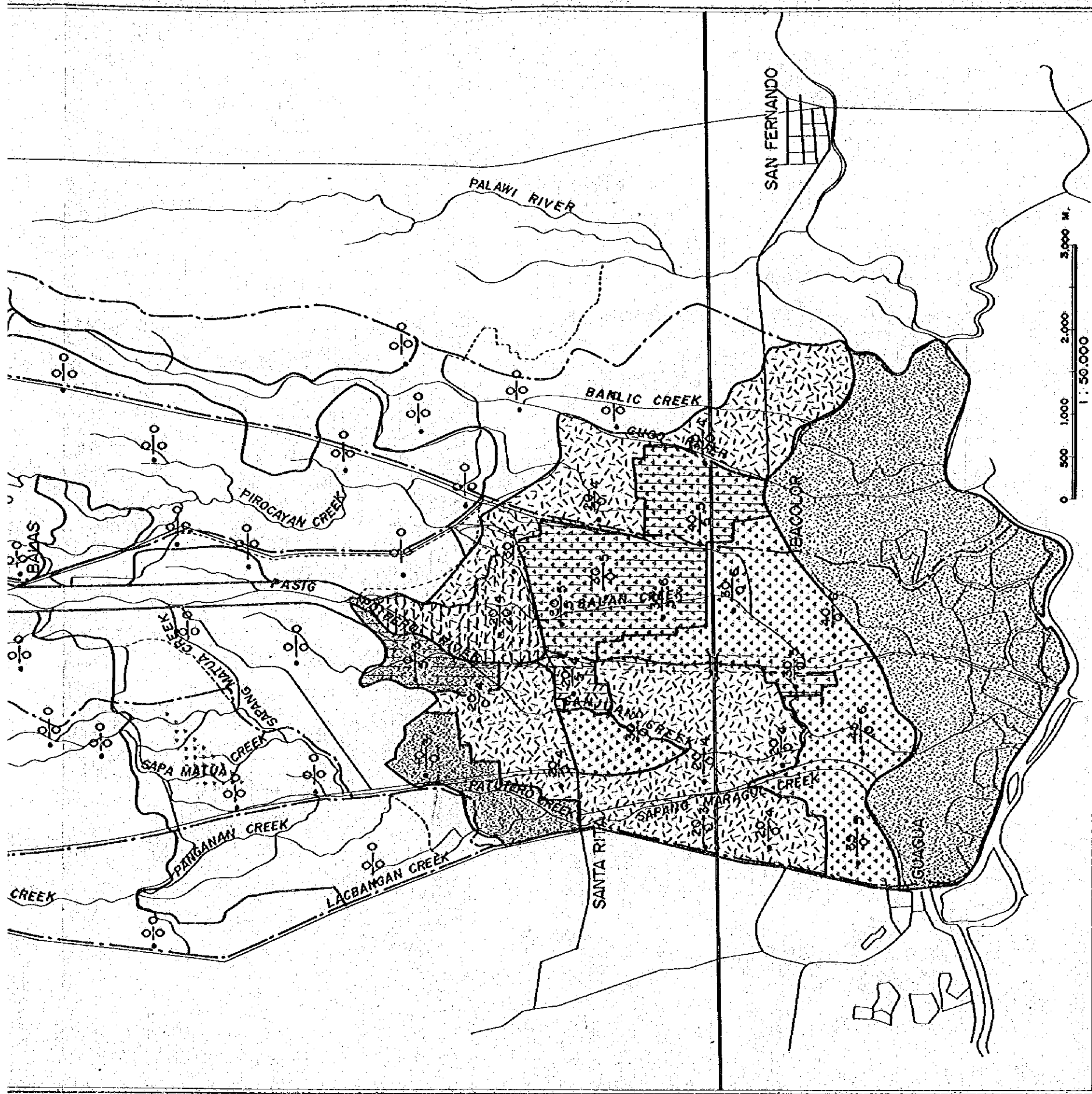


FIGURE III-12 AREA AFFECTED BY FLOODING AND SAND - SEDIMENTS

(mid - May , 1976)

MAPPING SYMBOL	CLASSIFICATION SYMBOL	EXTENT AREA (ha)	Note ;	Classification criteria			
				(1)	(2)	(3)	(4)
[Symbol 1]	A(2).B(1)	150	A. Inundation period	1 to 2 days	3 to 4 days	5 to 7 days	more than 7 days
[Symbol 2]	A(2).B(1).C(1)	70	B. Inundation depth	less than 15 cm	15 to 45 cm	45 to 75 cm	more than 75 cm
[Symbol 3]	A(2).B(2)	1,340	C. Depth of sediments	less than 10 cm	10 to 30 cm	30 to 50 cm	more than 50 cm
[Symbol 4]	A(2).B(2).C(1)	40					
[Symbol 5]	A(2).B(2).C(2)	160					
[Symbol 6]	A(3).B(2)	590					
[Symbol 7]	A(3).B(2).C(1)	420					
[Symbol 8]	A(4).B(3)	1,250					
Total		3,020					

Data source ; The philippines recomends for rice , 1977
 Depth of inundation and sediments is
 preliminarily estimated based on the
 data obtained by field interviews with farmers.

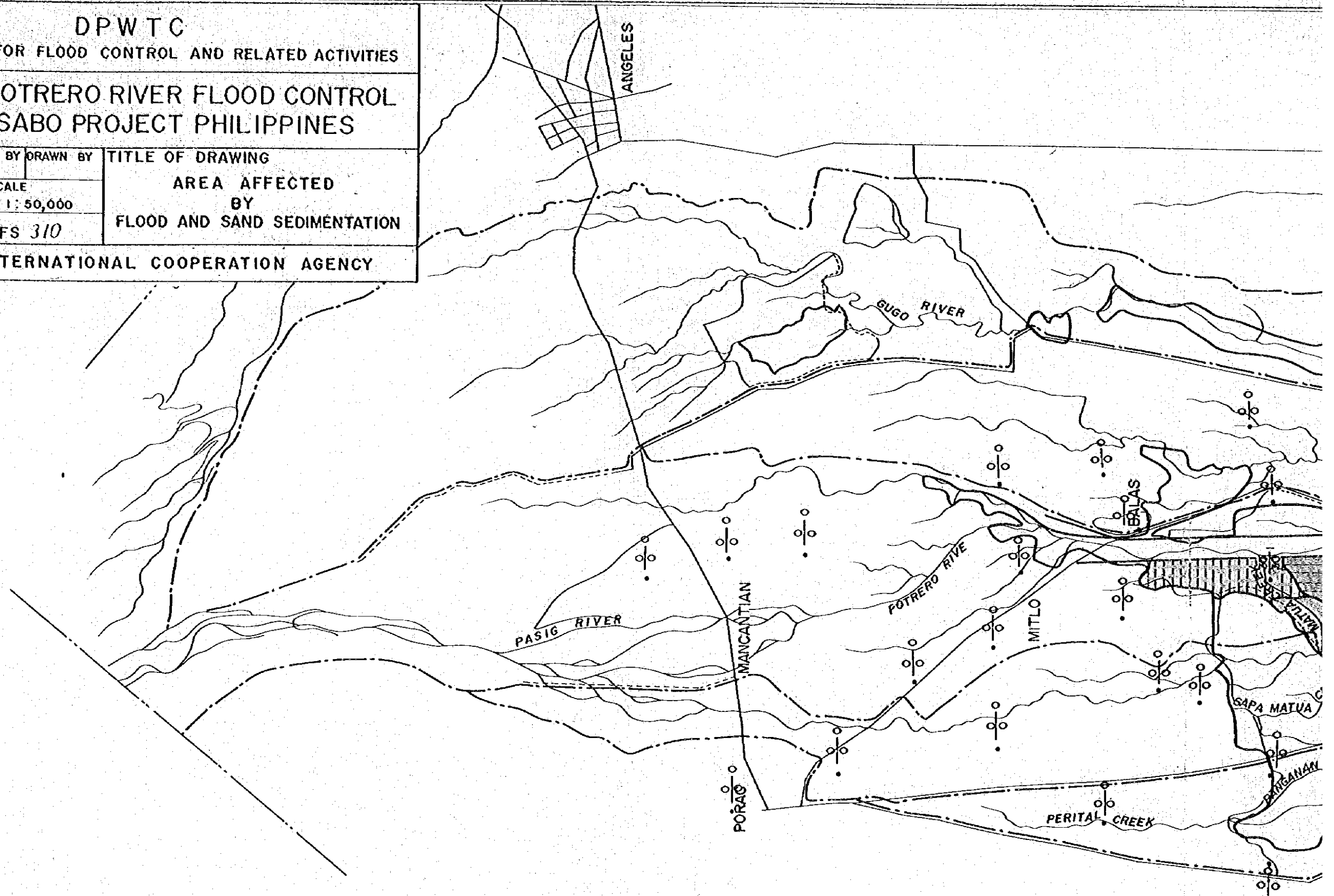
DPWTC

TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES

PASIG-POTRERO RIVER FLOOD CONTROL
AND SABO PROJECT PHILIPPINES

CHECKED BY	DESIGNED BY	DRAWN BY	TITLE OF DRAWING
DATE	SCALE		AREA AFFECTED
SEP. 30. 1978	1:50,000		BY
DRAWING NO.	PPFS 310		FLOOD AND SAND SEDIMENTATION

JAPAN INTERNATIONAL COOPERATION AGENCY



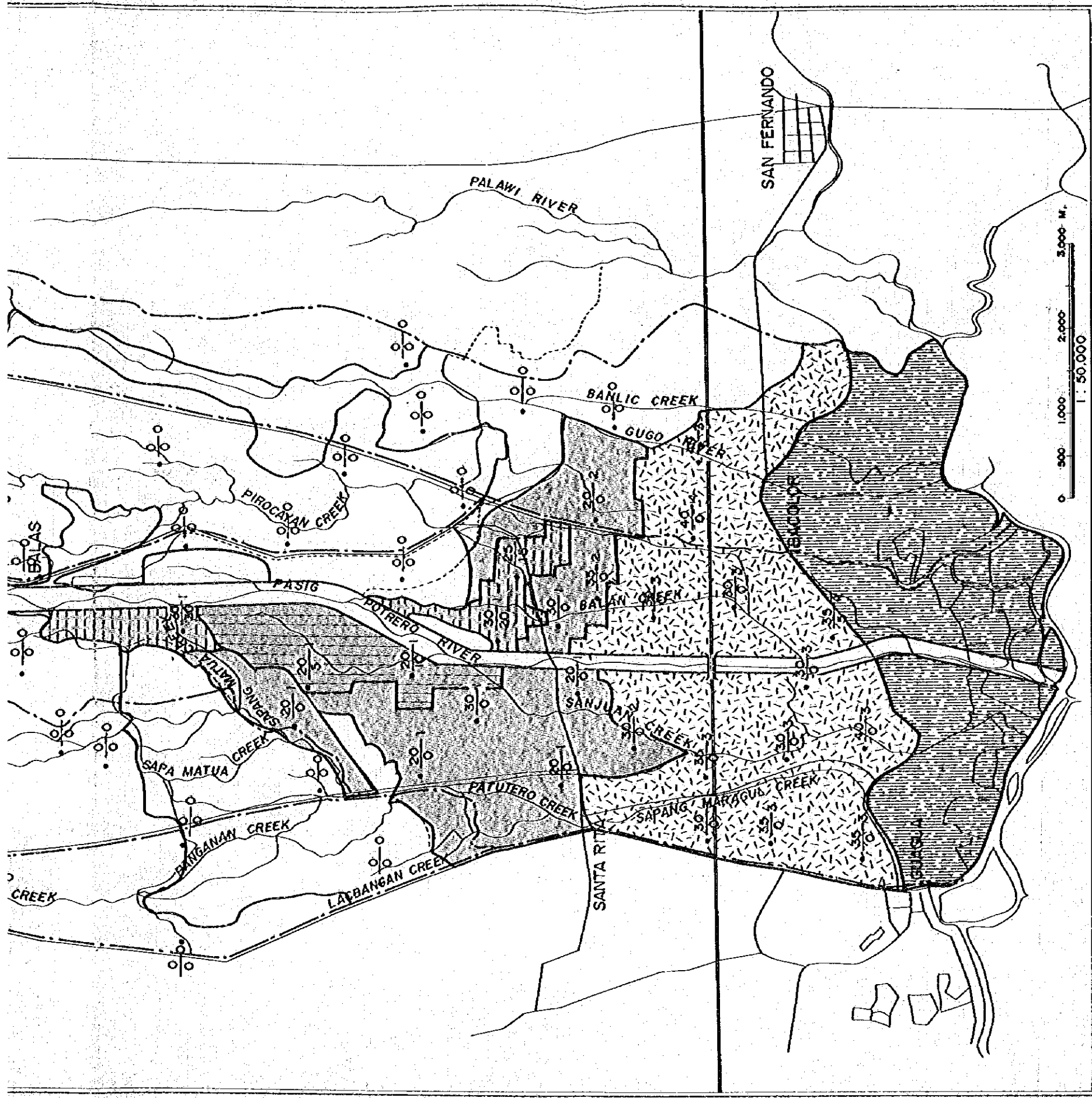


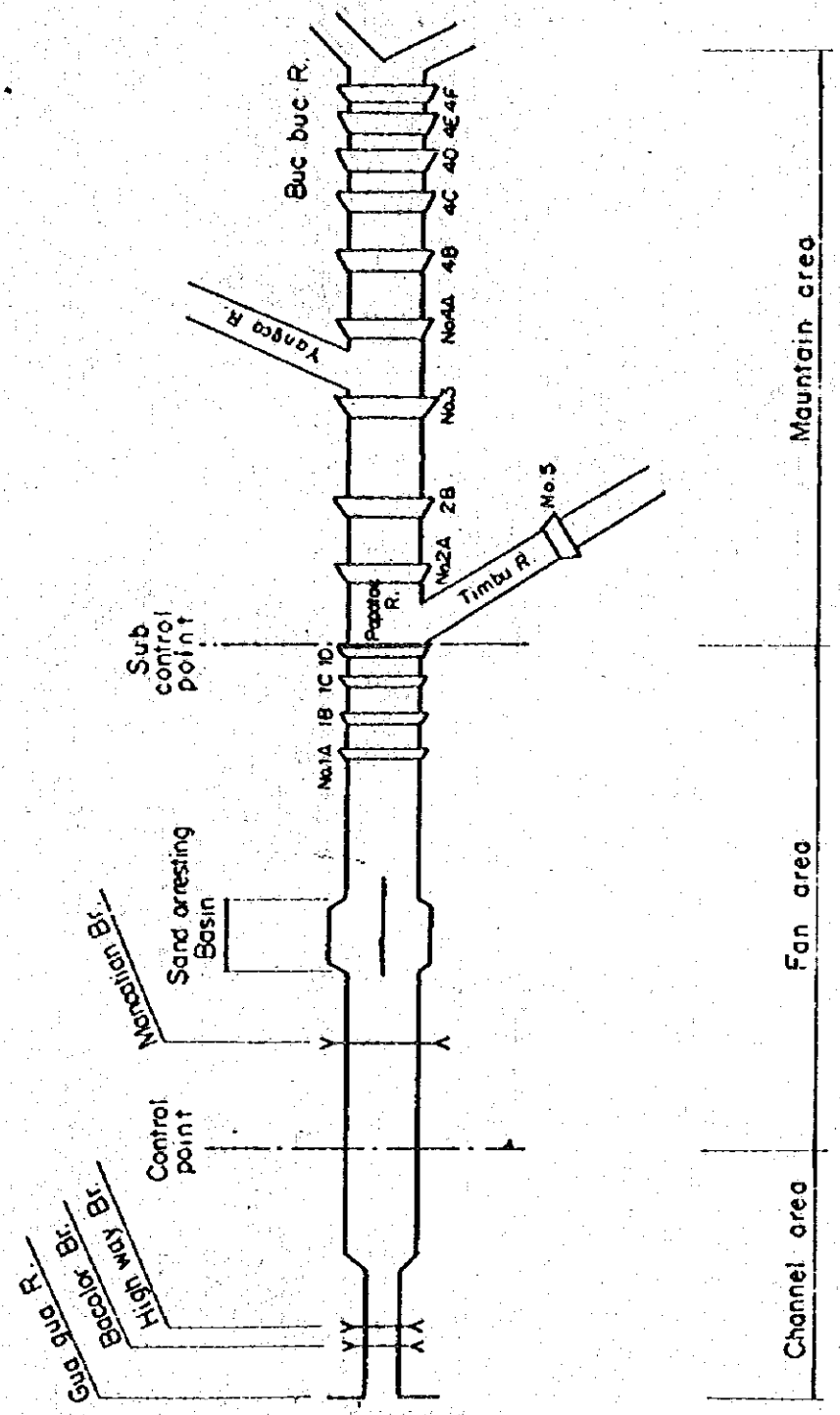
FIGURE II-13 AREA AFFECTED BY FLOODING AND SAND - SEDIMENTS
(Nov., 1977)

MAPPING SYMBOL	CLASSIFICATION SYMBOL	EXTENT AREA (ha)	Note ;	Classification criteria			
				(1)	(2)	(3)	(4)
[Symbol: Vertical lines]	A(1).B(2)	1,000	A. Inundation period	1 to 2 days	3 to 4 days	5 to 7 days	more than 7 days
[Symbol: Horizontal lines]	A(1).B(2).C(1)	220		B. Inundation depth	less than 15 cm	15 to 45 cm	45 to 75 cm
[Symbol: Diagonal lines]	A(1).B(2).C(2)	190	C. Depth of sediments	less than 10 cm	10 to 30 cm	30 to 50 cm	more than 50 cm
[Symbol: Dotted pattern]	A(2).B(2)	1,400					
[Symbol: Stippled pattern]	A(3).B(3)	1,170					
	Total	3,980					

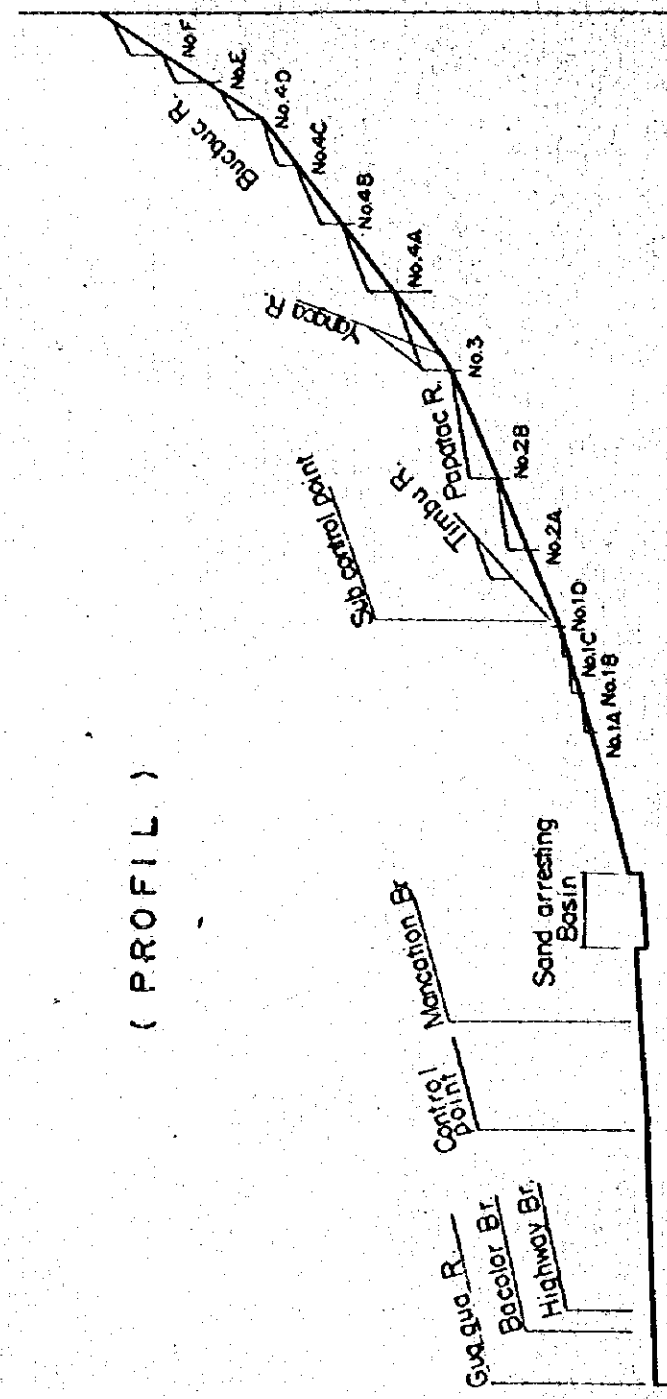
Data source ; The philippines recomends for rice , 1977
Depth of inundation and sediments is
preliminarily estimated based on the
data obtained by field interviews with farmers.

FIGURE IV-1 DISTRIBUTION OF SAND AND FLOOD WATER WITH FACILITY AND WITHOUT

(PLAN)



(PROFIL)



Design flood Discharge (m ³ /s)	900	630	540	510	480	380
Without facility Max. flood sand discharge (x10 ³ m ³)	2295	(446)	1849	1607	1645	1677
With facility Max. flood sand discharge (x10 ³ m ³)	144	(69.1)	835	829	941	1033
With facility yearly average sand discharge (x10 ³ m ³)	30	(2.74)	304	24	24	328

FIGURE IV-2 LOCATION OF SABO DAMS AND RELATED FACILITIES

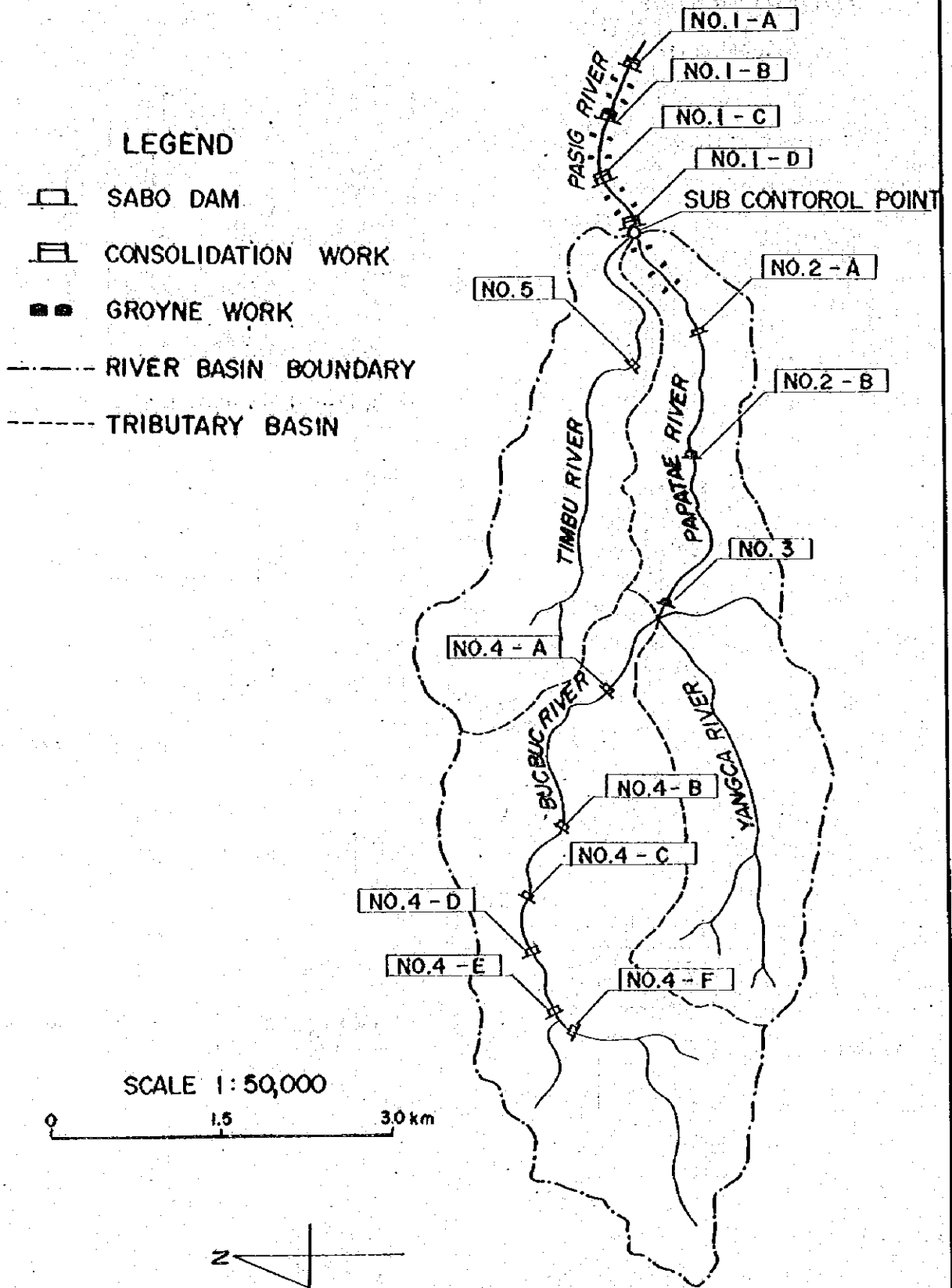


FIG. IV-3 FLOW CHART OF SEDIMENT RUN-OFF AT MAXIMUM FLOOD
(Without facility)

Unit: in 1,000m³

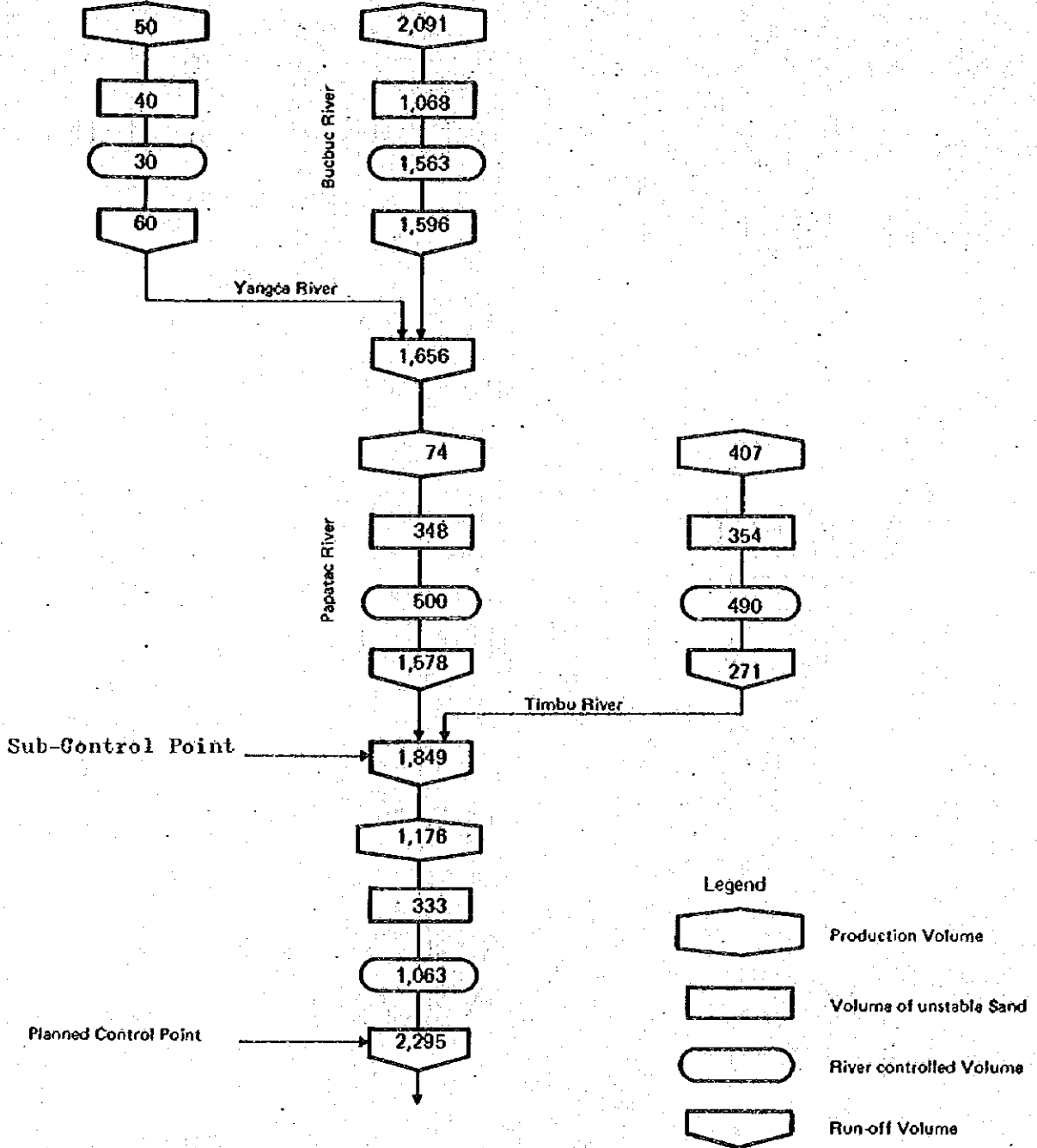


FIG. IV-4 FLOW CHART OF SEDIMENT RUN-OFF AT MAXIMUM FLOOD

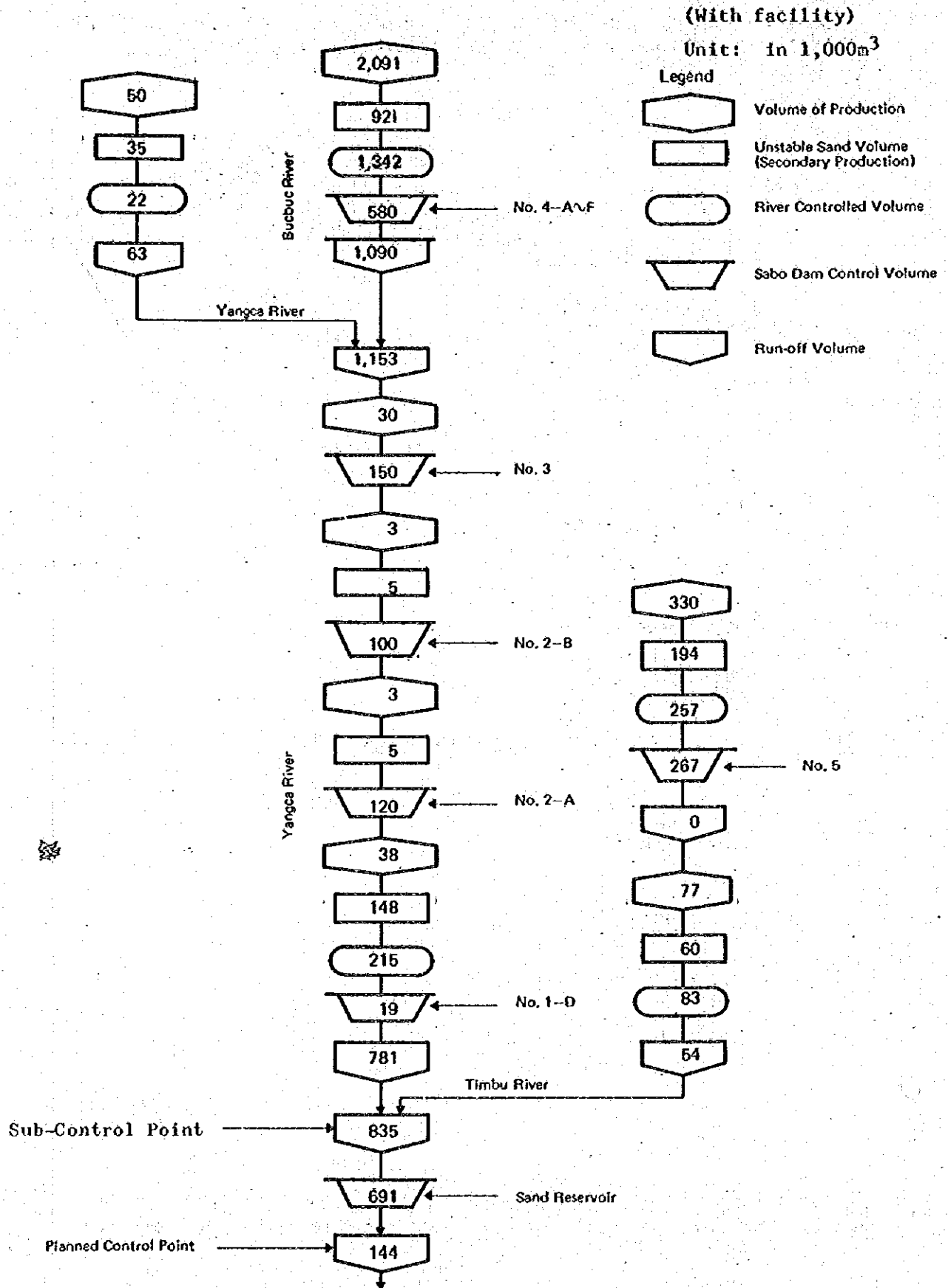
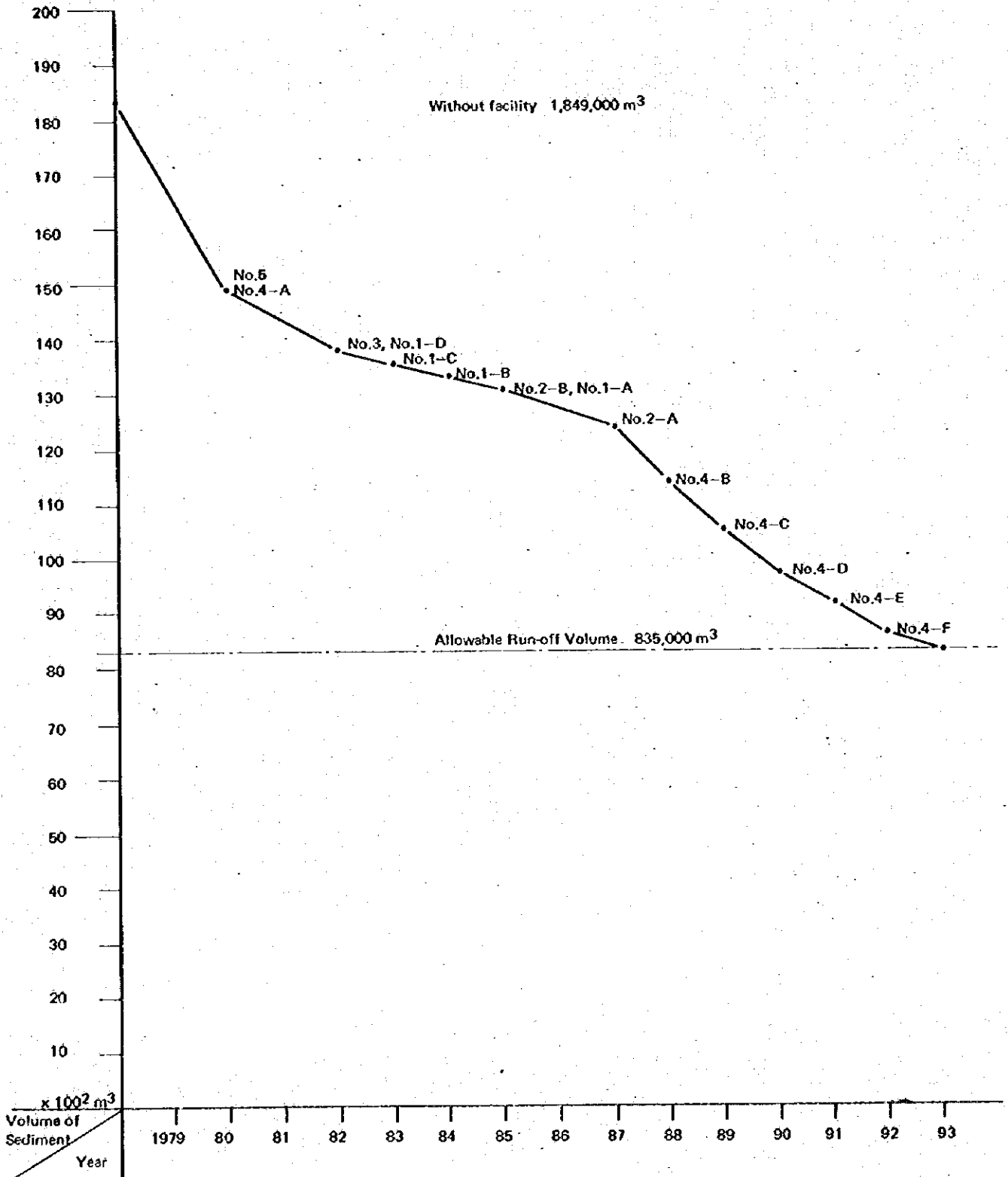
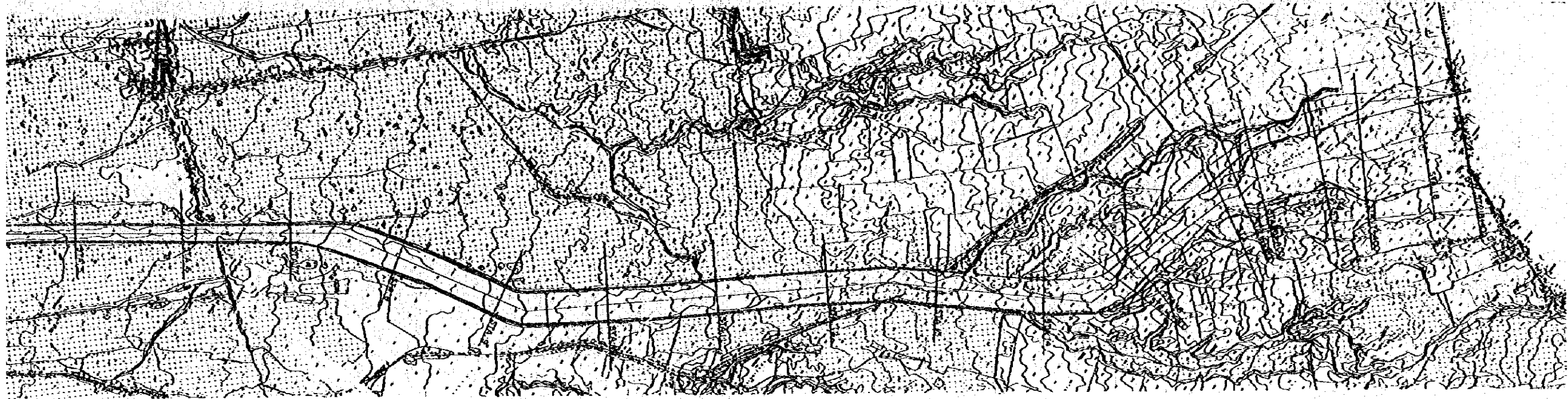


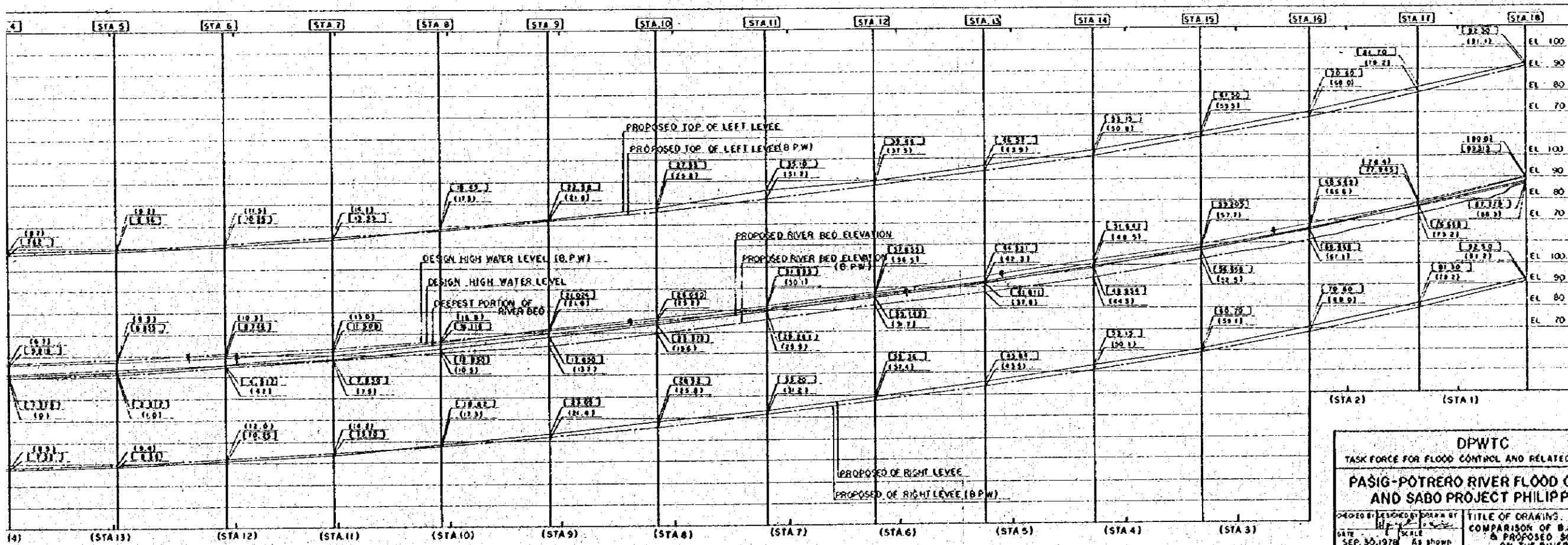
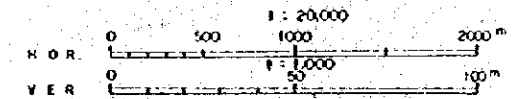
FIG. IV-5 TREND OF CHANGE IN RUN-OFF VOLUME AT MAXIMUM FLOOD THROUGH PROVISION OF SABO FACILITY, AT THE PLANNED CONTROL POINT



PLAN



PROFILE



DPWTC
 TASK FORCE FOR FLOOD CONTROL AND RELATED ACTIVITIES
PASIG-POTRERO RIVER FLOOD CONTROL AND SABO PROJECT PHILIPPINES
 DESIGNED BY: [Name]
 DATE: SEP. 30, 1978
 SCALE: AS SHOWN
 DRAWING NO: PPF-131
 TITLE OF DRAWING: COMPARISON OF B.P.W.'S & PROPOSED SCHEMES ON THE RIVER PLAN AND PROFILE (2-1)
 JAPAN INTERNATIONAL COOPERATION AGENCY