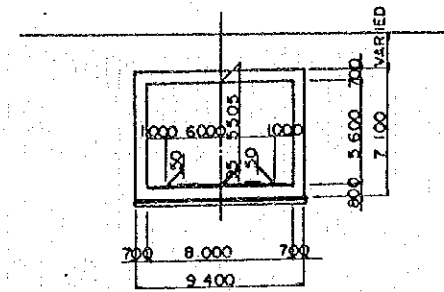
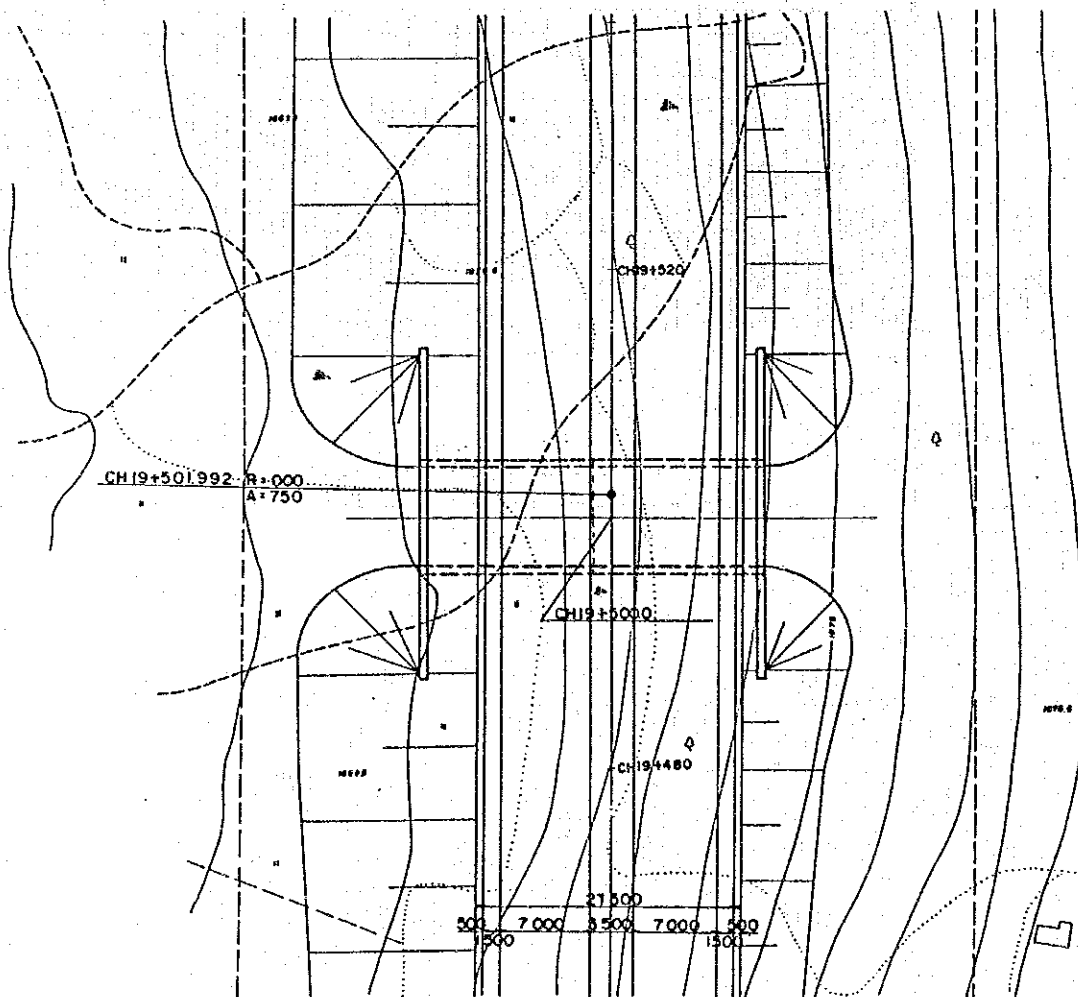


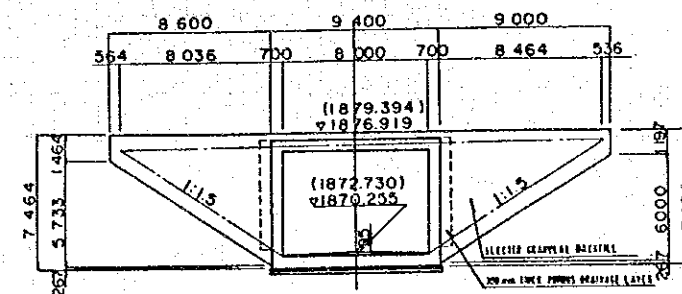
PROFILE SCALE 1:300



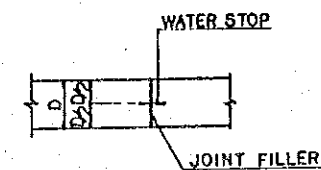
CROSS SECTION SCALE 1:200



PLAN SCALE 1:300



LEFT WING (RIGHT WING)
ELEVATION OF WINGWALL SCALE 1:200



DETAIL OF JOINTS

NO② BOX CULVERT FOR ROAD

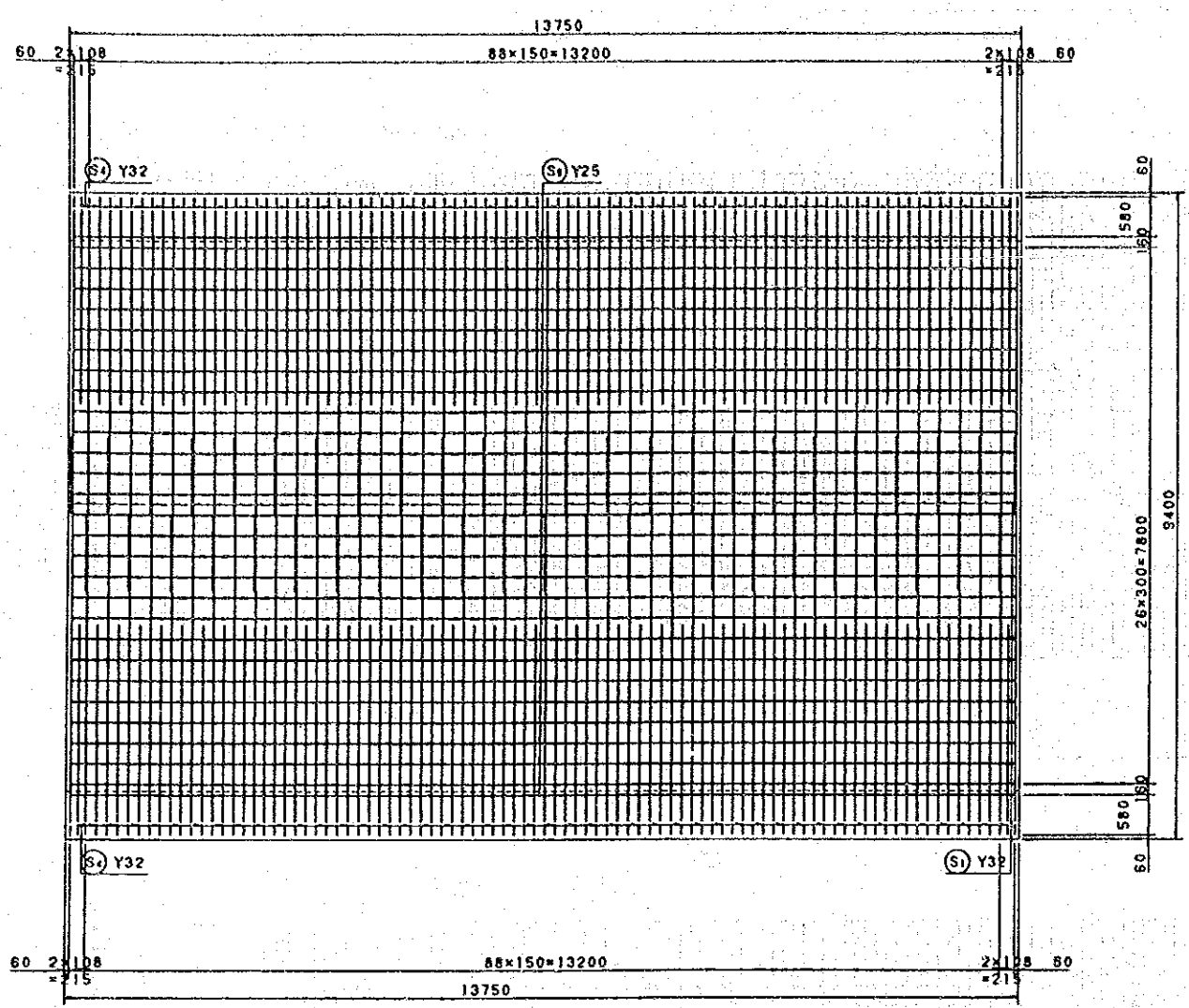
AERIAL PHOTO BY
MAPPING BY
LOCATION BY
SURVEYED BY
TRACED BY
CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

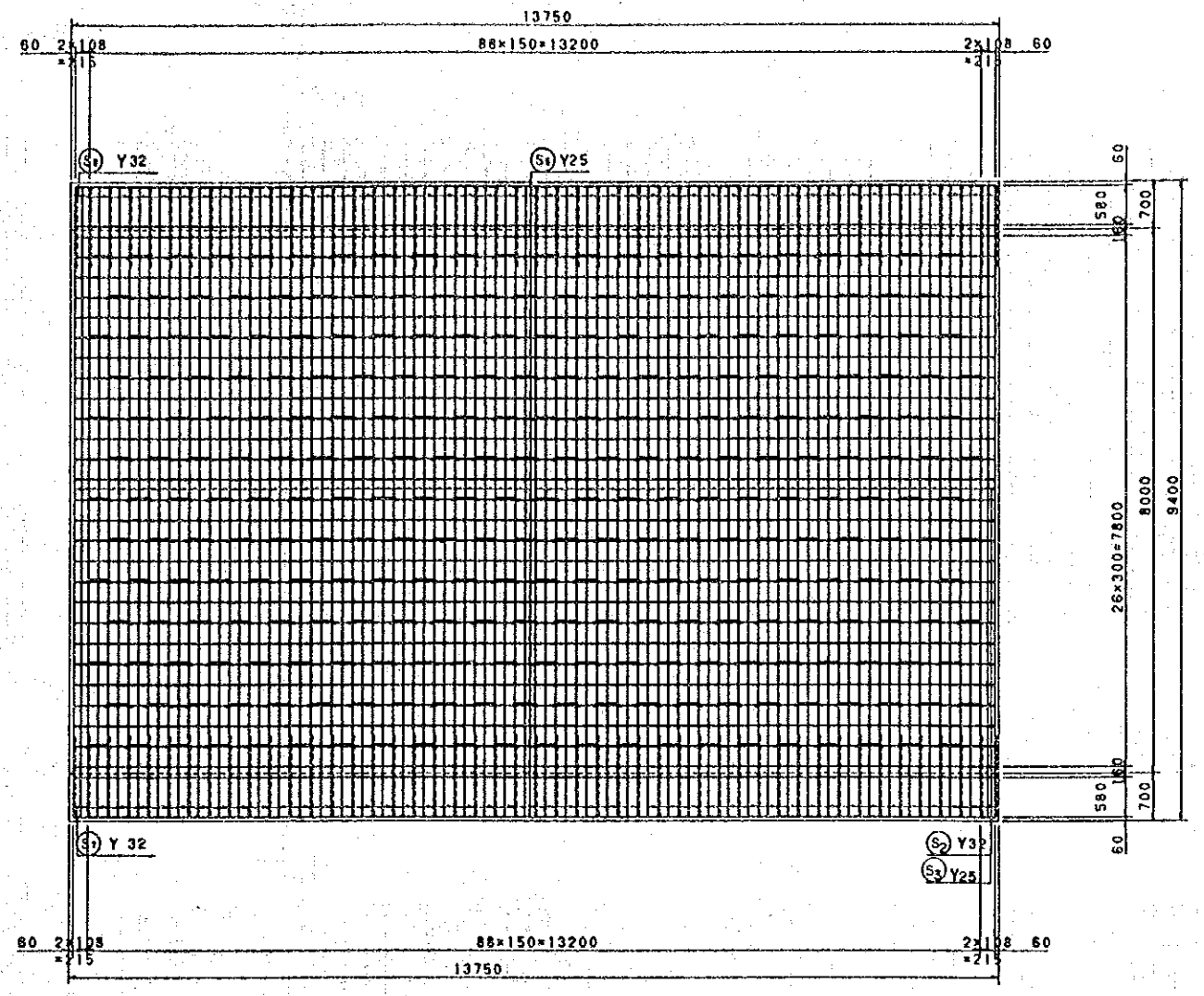
REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS	Q
DESCRIPTION	DATE						
			CHIEF SUPT. ENG. (DESIGN)	SUPT. ENGINEER (DESIGN)	1:200, 300	VEHICLE BOX CULVERTS NO2	SHEET 16 OF 183
				PROJECT ENGINEER		CR 18+600.00 T+2.00 R+5.00 (1)	

SURVEYED BY
 TRACED BY
 CHECKED BY
 AERIAL PHOTO BY
 MAPPING BY
 LOCATION BY

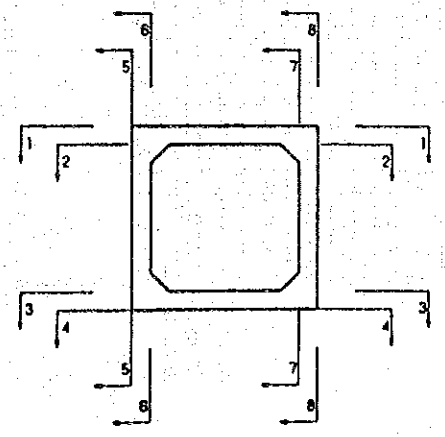
MOPW ROADS DEPT DRG NO



1 — 1



2 — 2



REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

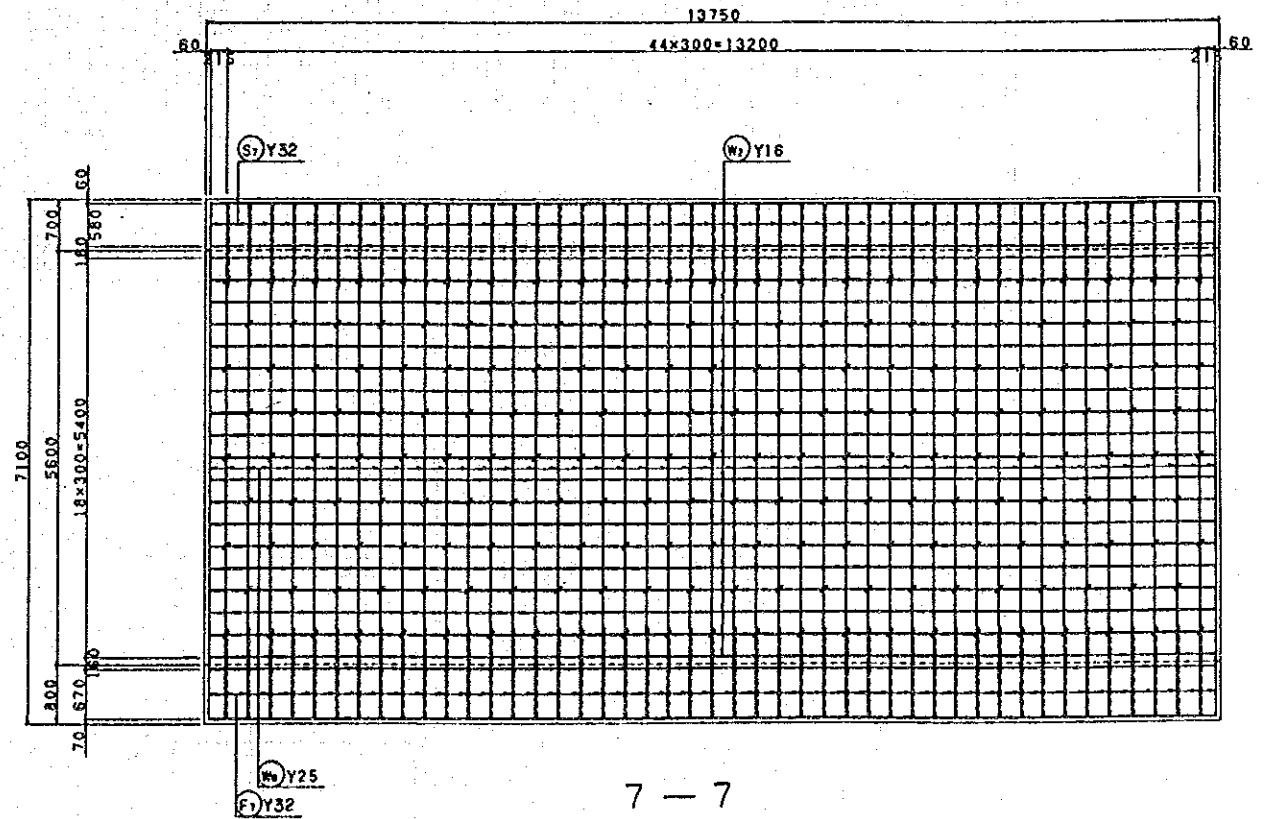
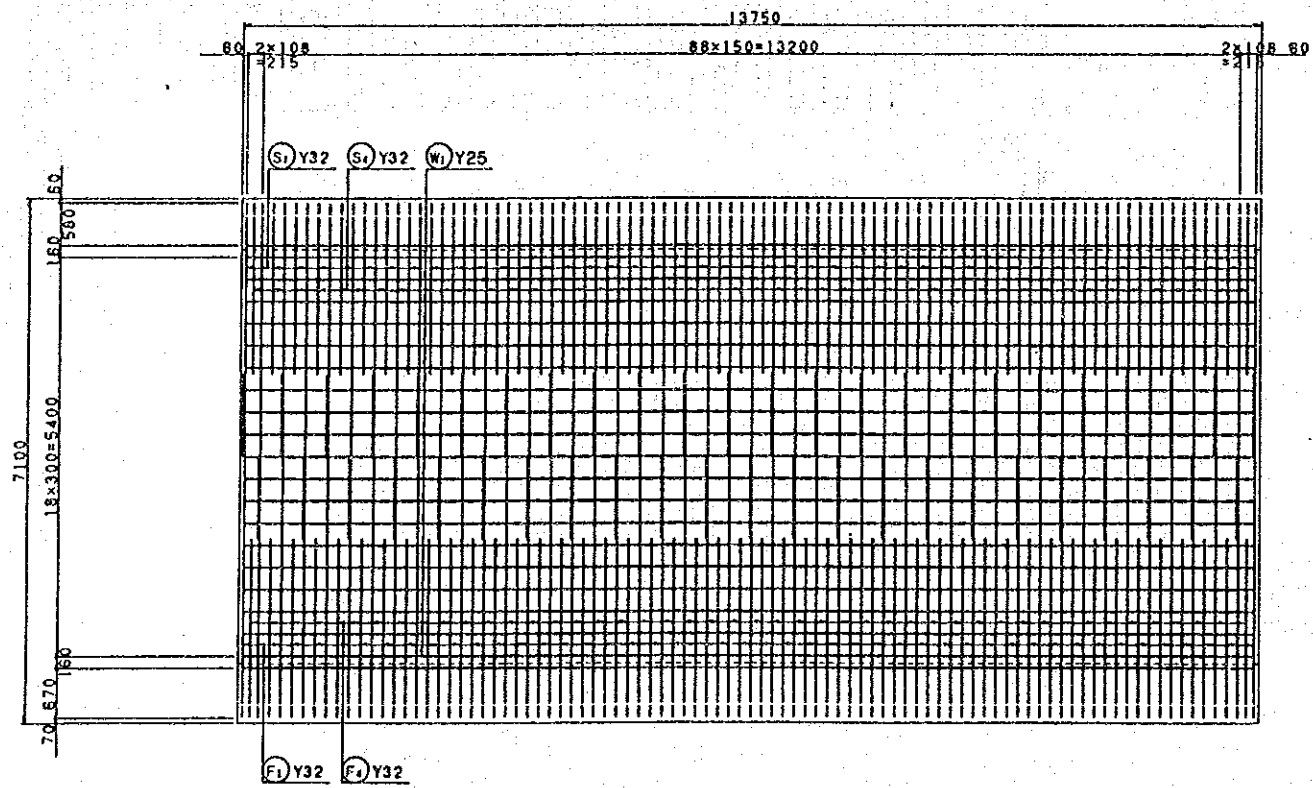
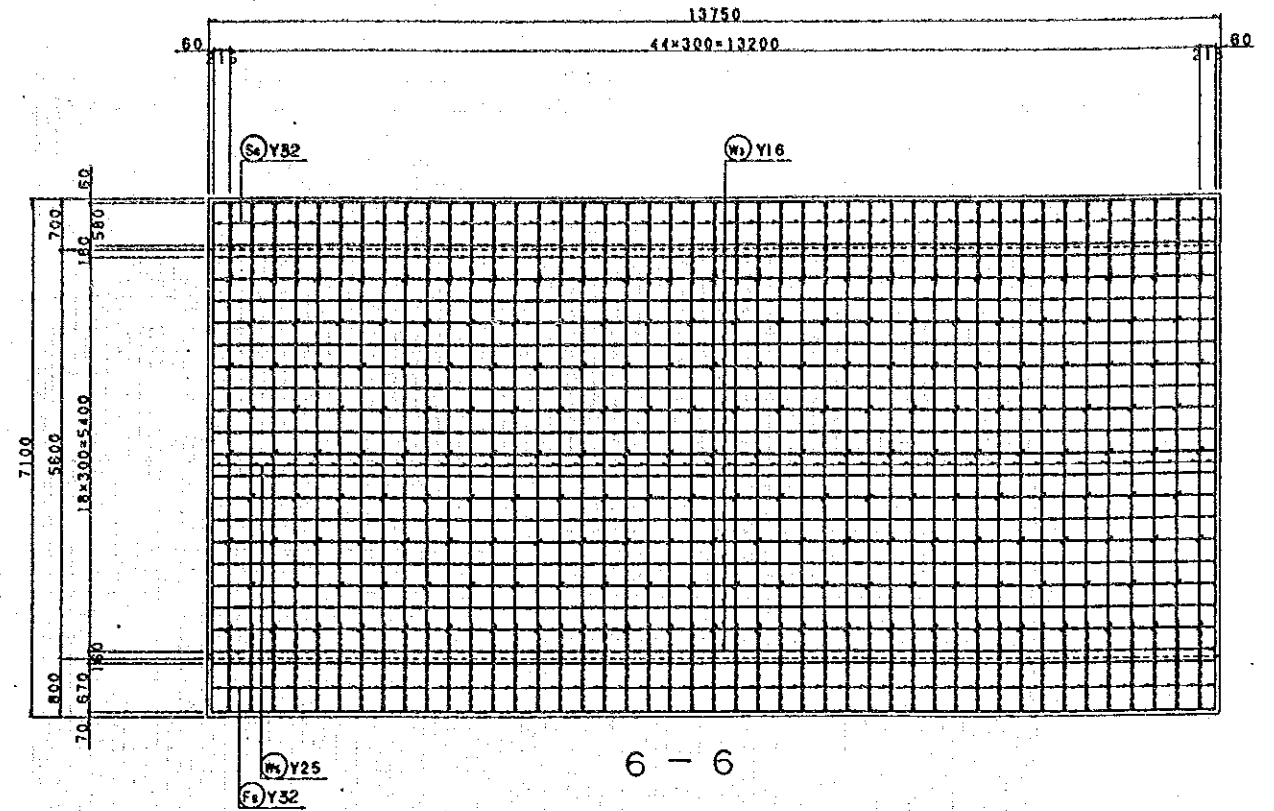
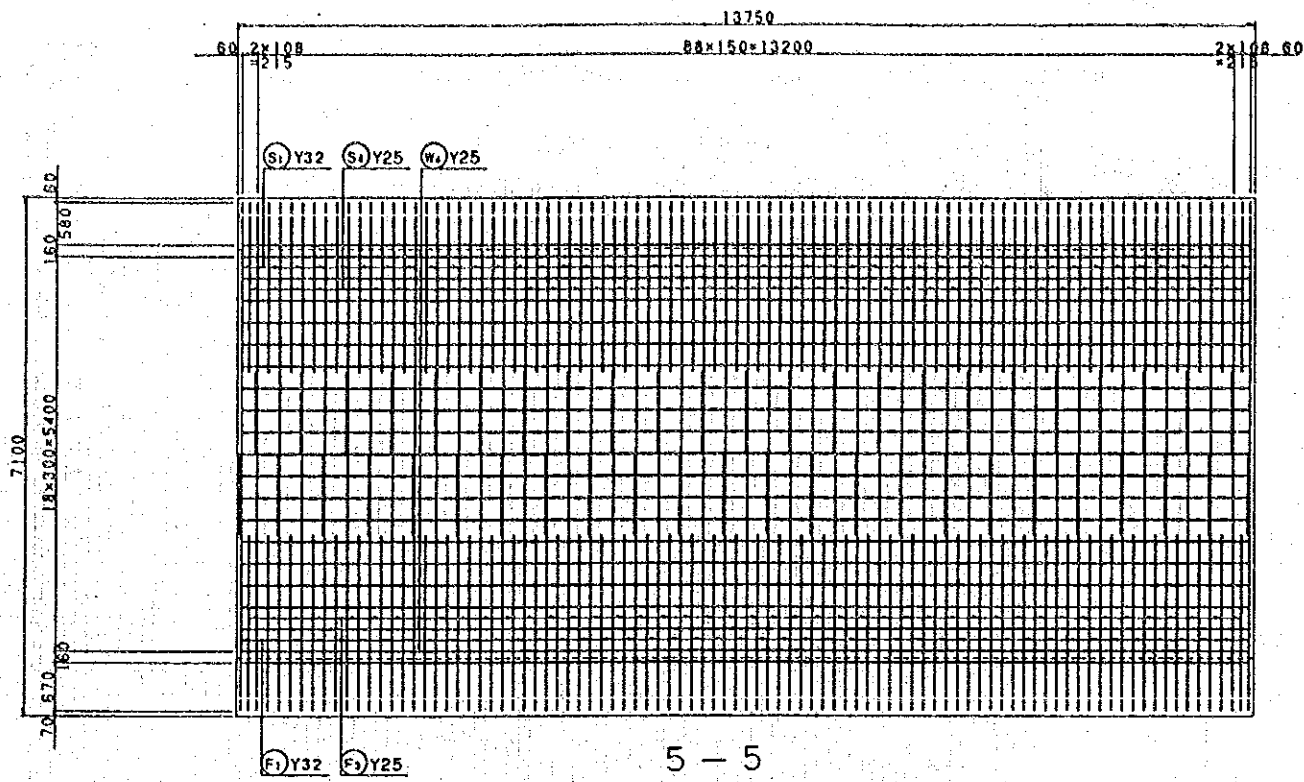
CHIEF ENGINEER (ROADS)
CHIEF SUPT ENG (DESIGN)

SEN SUPT. ENG (DESIGN)
SUPT ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1:50

NAIROBI BYPASS
VEHICLE BOX CULVERTS
CR 18x500.00 W=4.00 H=5.60 (1)

SHEET 17 OF 188



AERIAL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)
	CHIEF SUPT. ENG. (DESIGN)

SEN SUPT. ENG. (DESIGN)	
SUPT. ENGINEER (DESIGN)	
PROJECT ENGINEER	

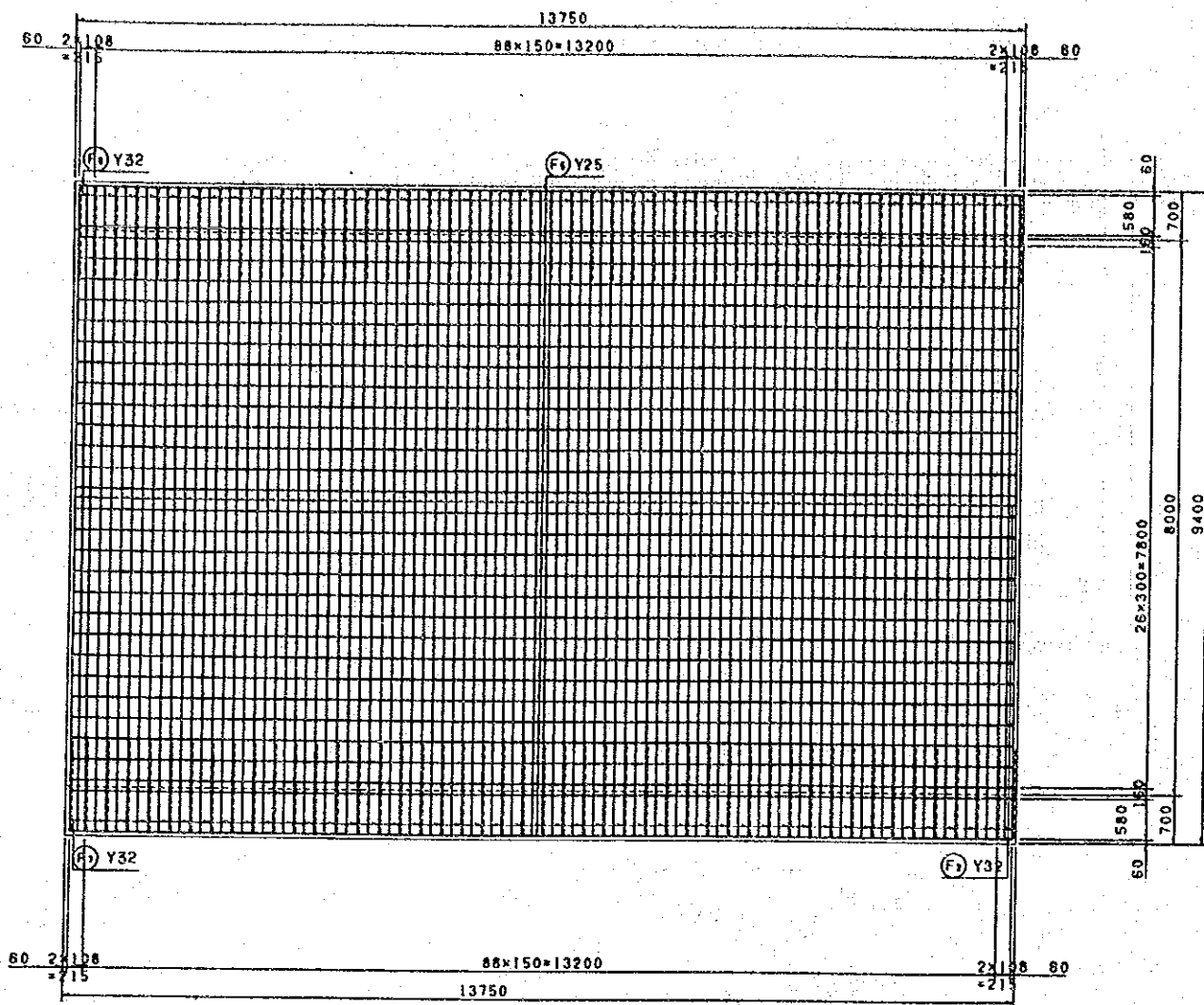
SCALES
1:50

NAIROBI BYPASS
VEHICLE BOX CULVERTS
CN 19+600.00 R=2.00 H=6.00 (S)

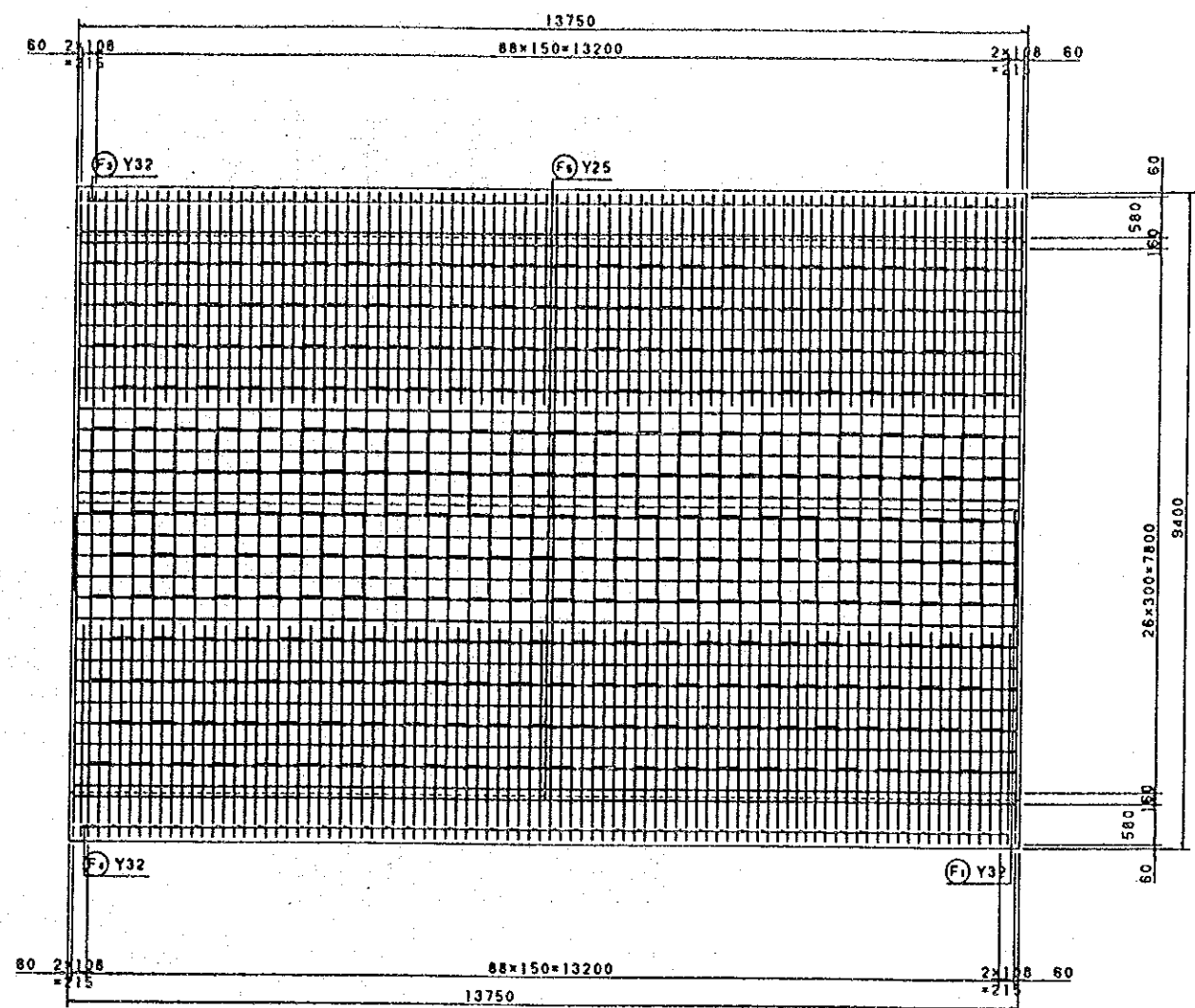
Q
SHEET 18 OF 189

SURVEYED BY
 MAPPING BY
 AERIAL PHOTO BY
 CHECKED BY
 LOCATION BY
 TRACED BY

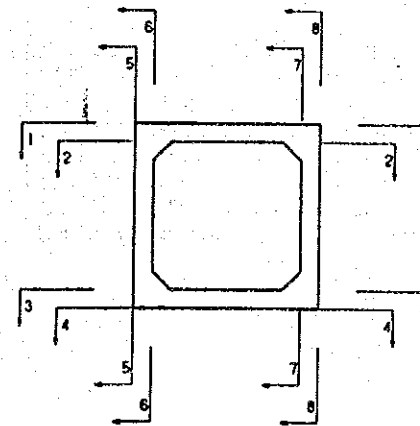
M.O.P.W. ROADS DEPT. DRG. NO.



3 — 3



4 — 4



REVISIONS	
DESCRIPTION	DATE

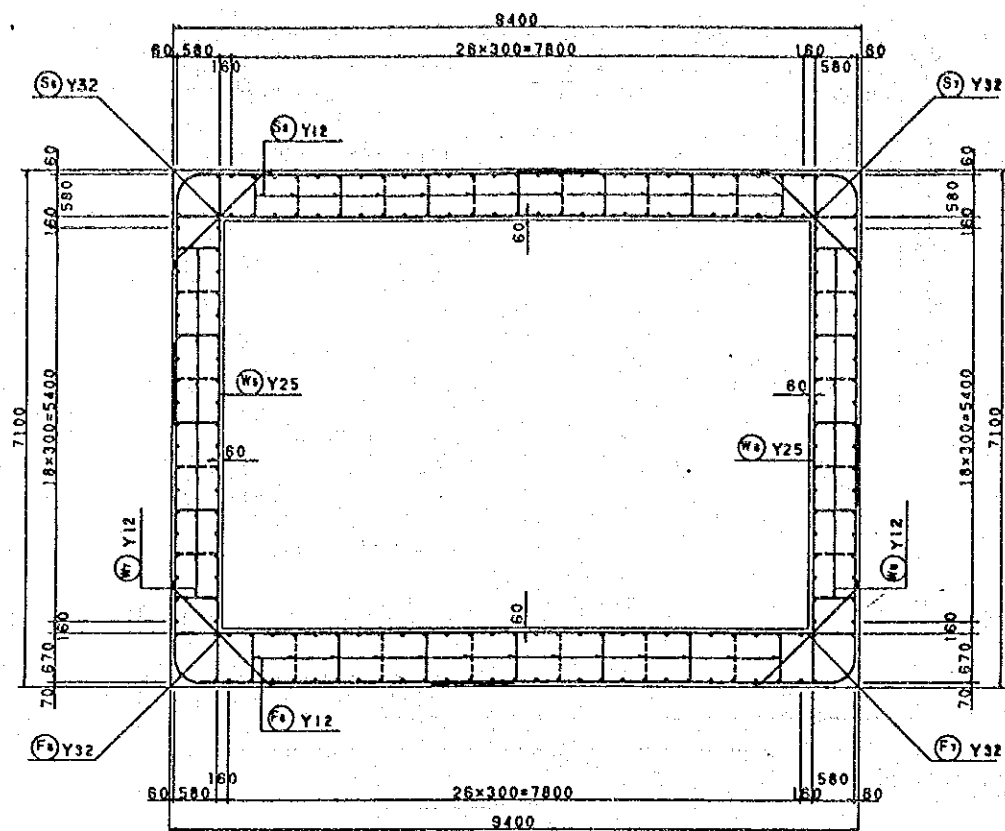
JAPAN INTERNATIONAL COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

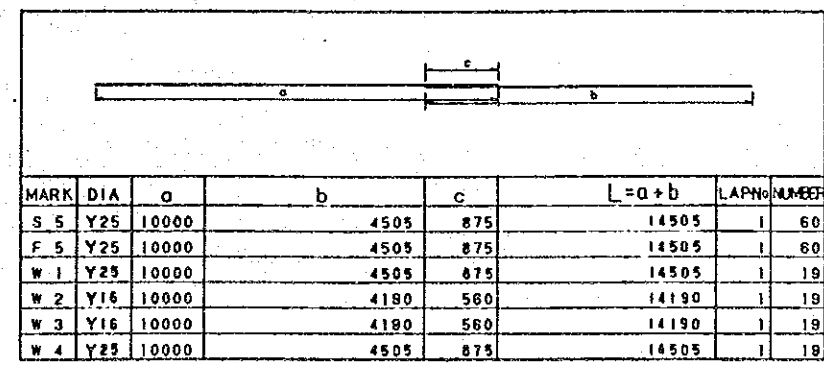
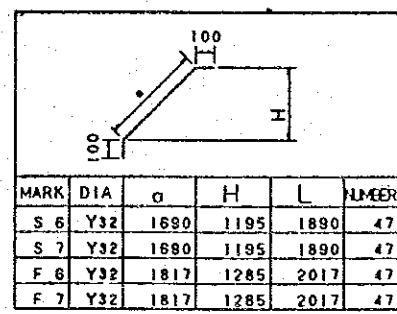
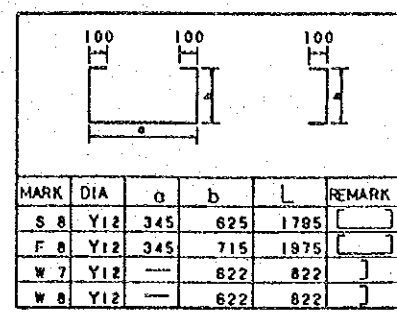
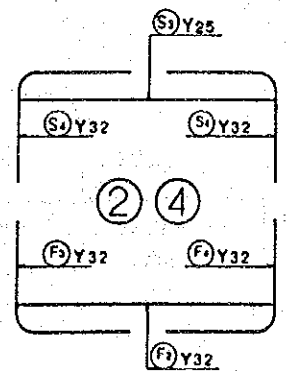
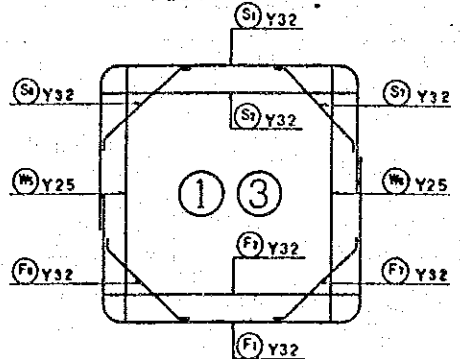
SEN SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1:50

NAIROBI BYPASS
 VEHICLE BOX CULVERTS
 CN 10x500.00 W=2.00 H=6.00 (4)



SECTION



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____
 M.O.P.W. ROADS DEPT. DRG NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT ENG (DESIGN)

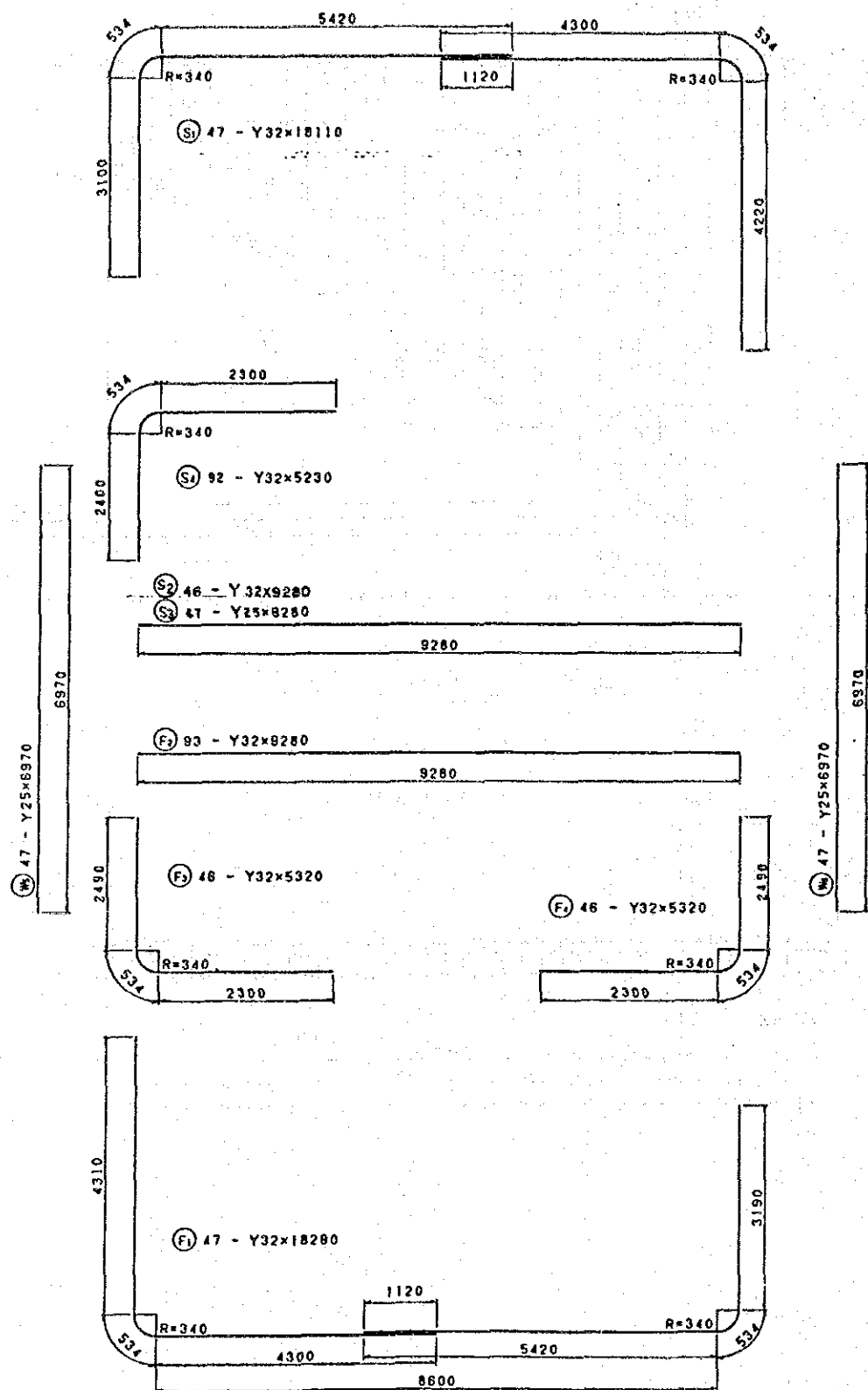
SEN SUPT. ENG (DESIGN)
 SUPT ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1:50

NAIROBI BYPASS
 VEHICLE BOX CULVERTS
 CR 19+600.00 W+1.60 W+6.00 (S)

ACRIL PHOTO BY	SURVEYED BY
MAPPING BY	TRACED BY
LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT DRG NO.



REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

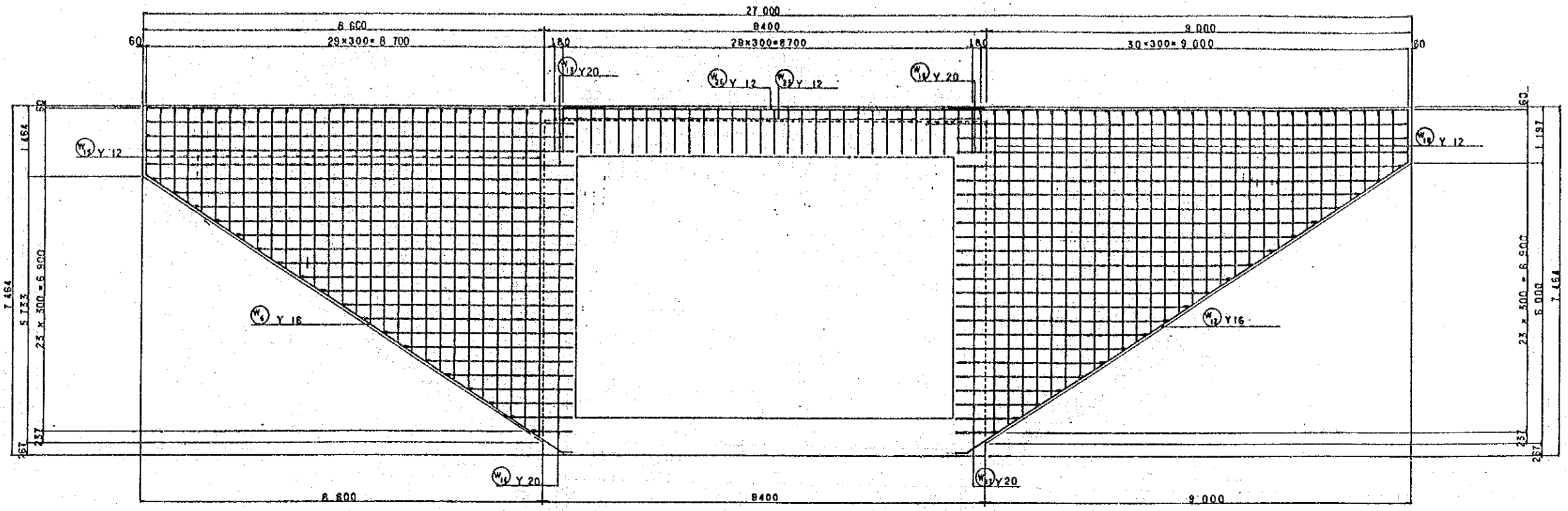
CHIEF ENGINEER (ROADS)
CHIEF SUPT ENG (DESIGN)

SEN SUPT. ENG (DESIGN)
SUPT ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1:50

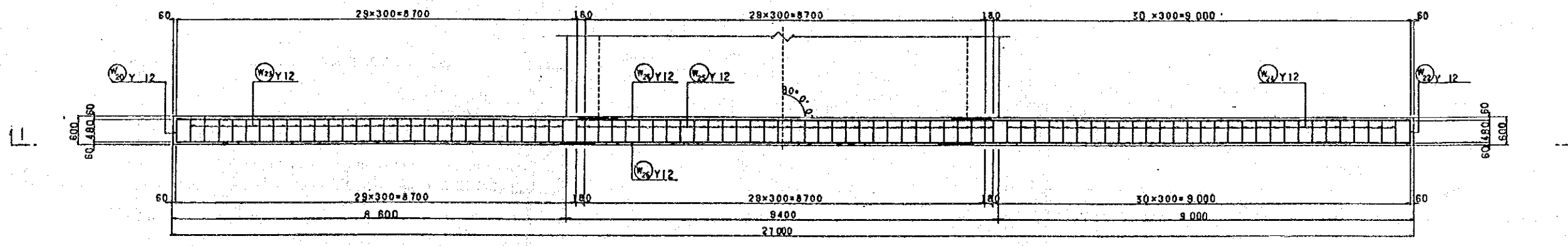
NAIROBI BYPASS
VEHICLE BOX CULVERTS
CH 18+400.00 R+3.00 W+4.00 (8)

Q
SHEET 21 OF 183



2

2



1

1

2 - 2

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MAPPING BY
LOCATION BY

SURVEYED BY
TRACED BY
CHECKED BY

MOPW ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

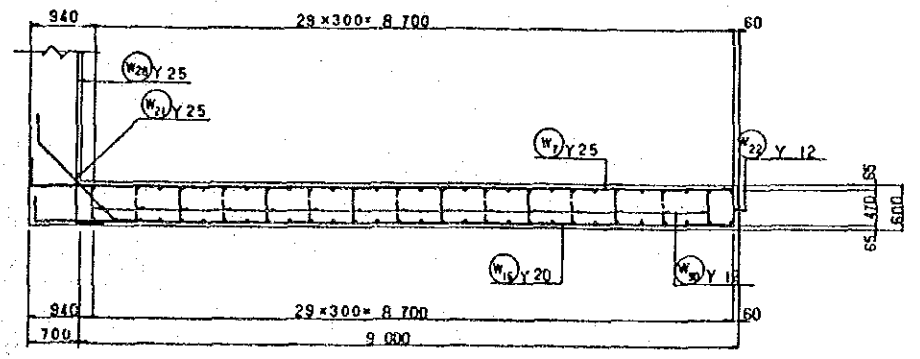
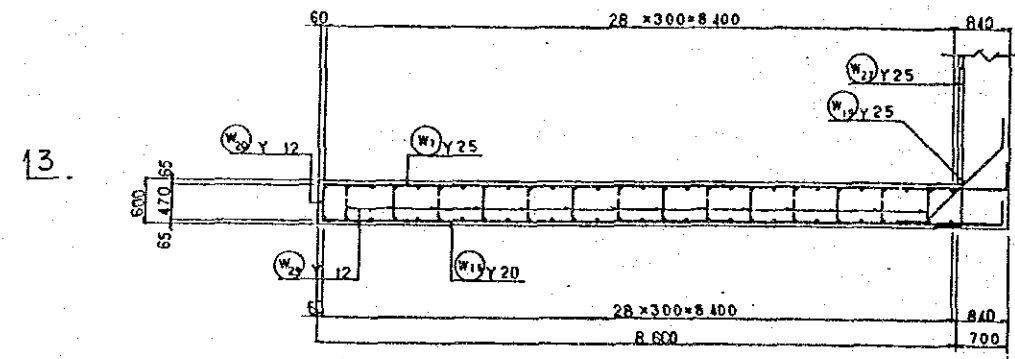
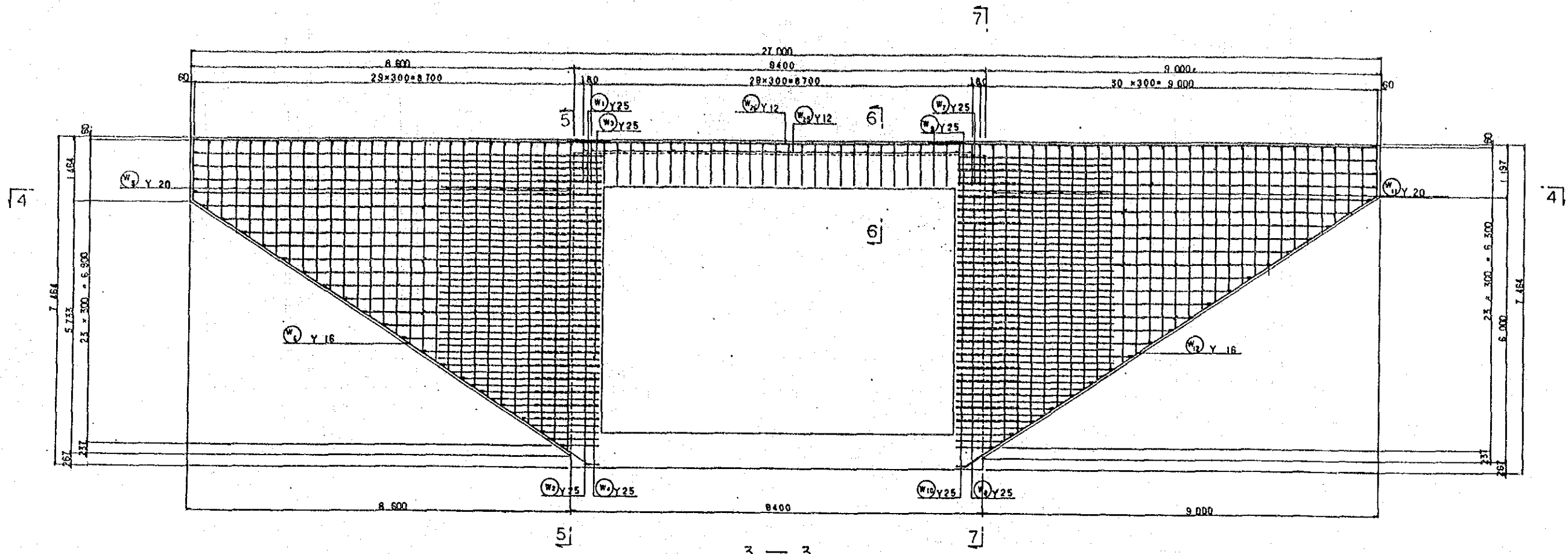
CHIEF ENGINEER (ROADS)
CHIEF SUPT ENG (DESIGN)

SEN SUPT. ENG (DESIGN)
SUPT ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1:50

NAIROBI BYPASS
VEHICLE BOX CULVERTS
CS 18x500.00 W=4.00 H=4.00 (7)

0
SHEET 22 OF 18



AERIAL PHOTO BY _____ SURVEYED BY _____
 MAPPING BY _____ TRACED BY _____
 LOCATION BY _____ CHECKED BY _____

M.O.P.W. ROADS DEPT. DRG. NO. _____

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY

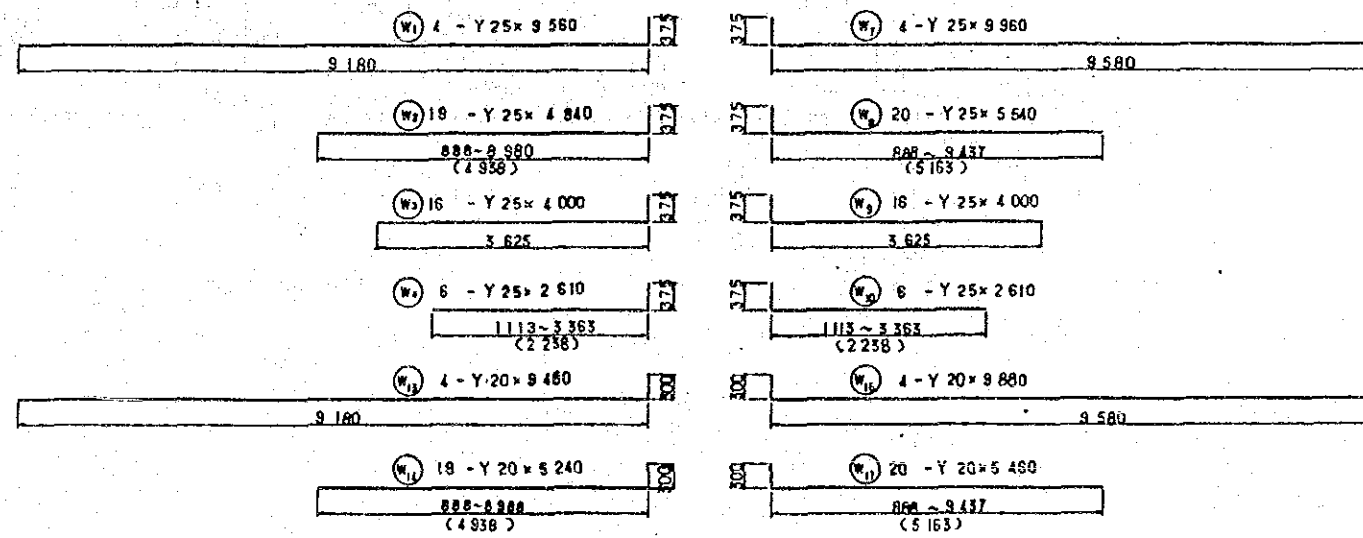
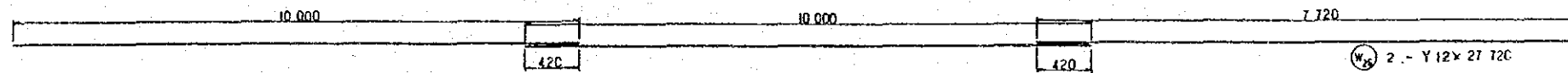
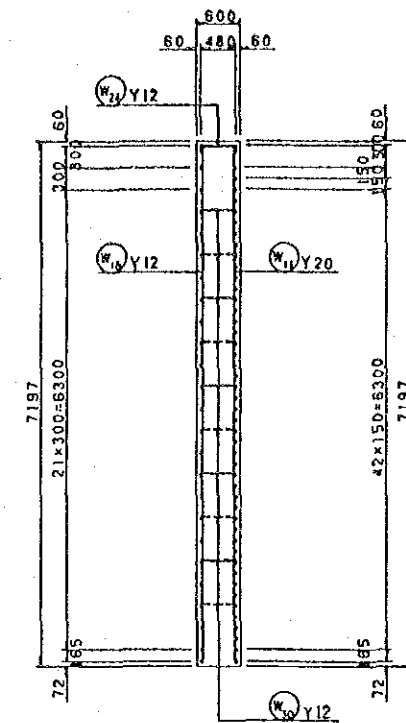
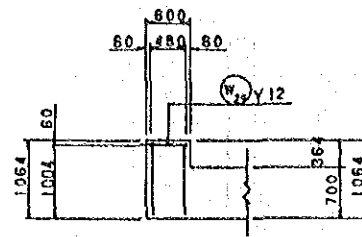
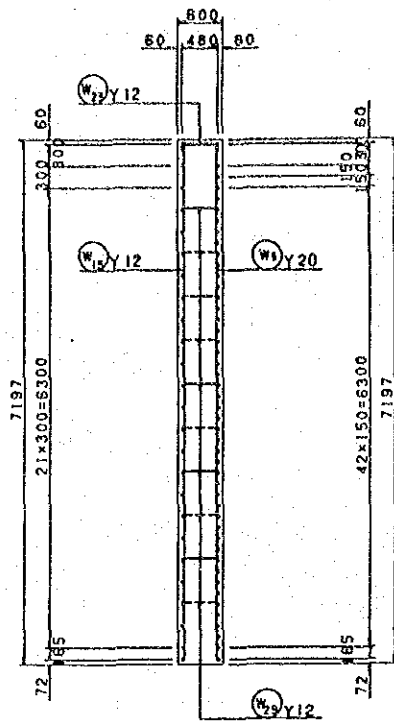
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)
 SUPT. ENGINEER (DESIGN)
 PROJECT ENGINEER

SCALES
 1:50

NAIROBI BYPASS
 VEHICLE BOX CULVERTS
 CH 18+500.00 W=8.00 H=5.00 (2)

0
 SHEET 28 OF 183



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M.O.P.W. ROADS. DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL
COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT ENG (DESIGN)

SEN SUPT ENG (DESIGN)
SUPT ENGINEER (DESIGN)
PROJECT ENGINEER

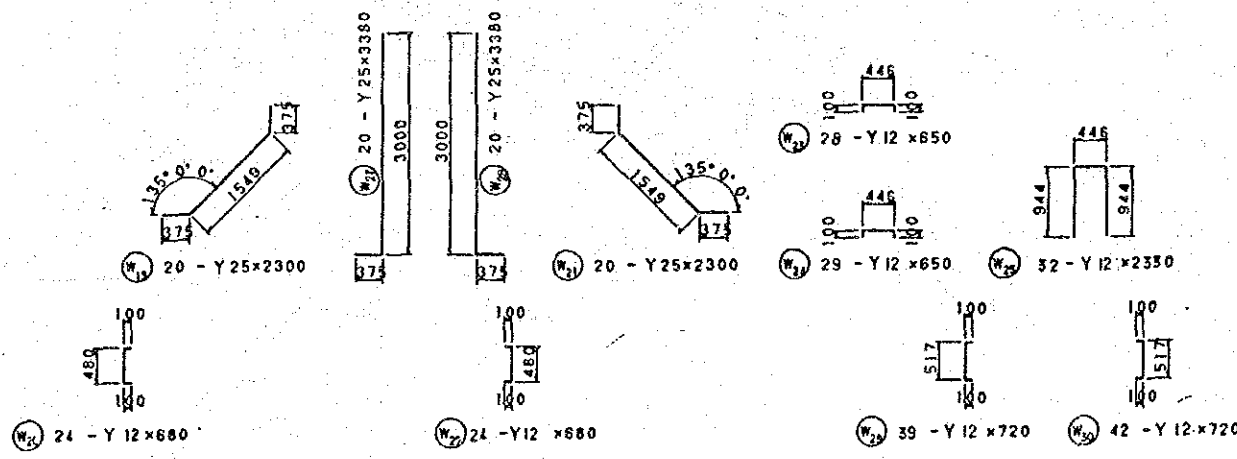
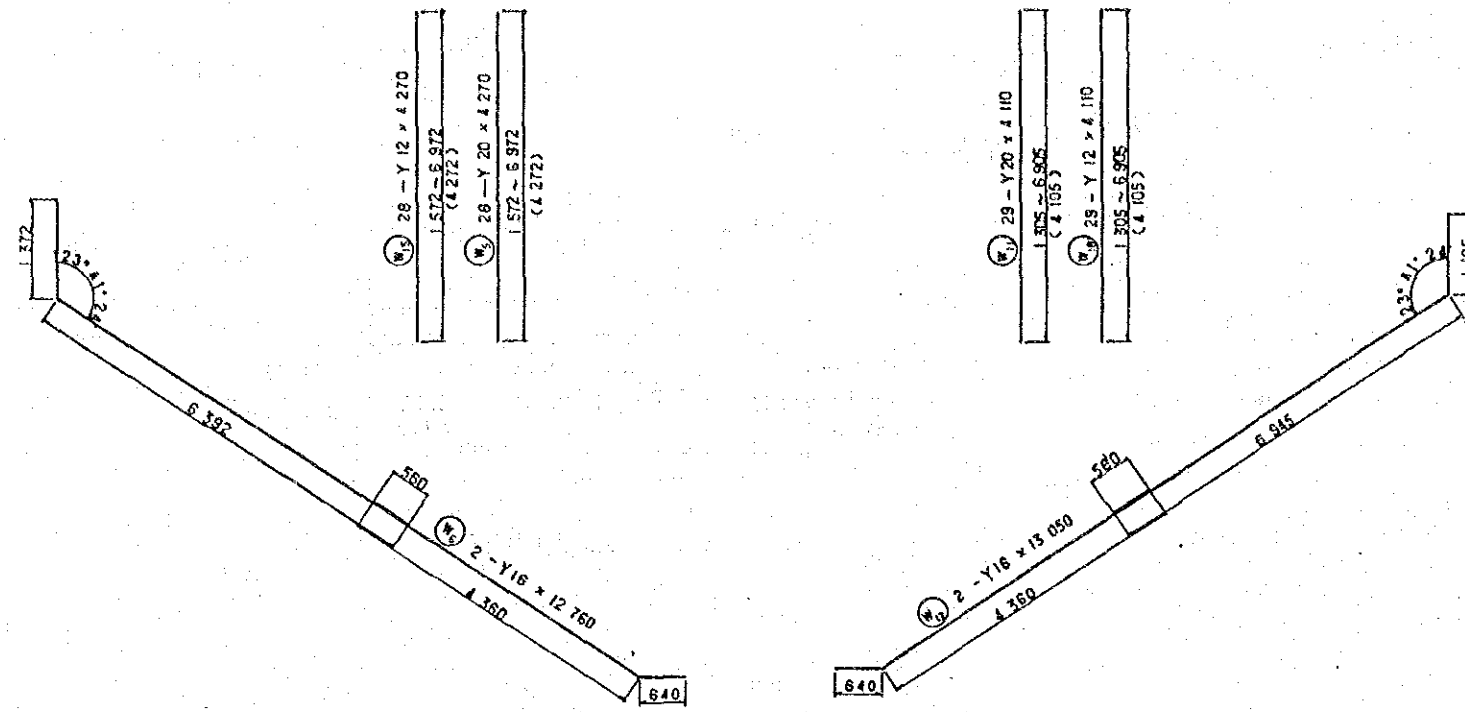
SCALES
1:50

NAIROBI BYPASS
VEHICLE BOX CULVERTS
CN 19-600.00 W-4.00 H-5.00 (4)

Q
SHEET 24 OF 183

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LOCATION BY	CHECKED BY

M.O.P.W. ROADS DEPT. DRG. NO.



REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY

CHIEF ENGINEER (ROADS)
CHIEF SUPT. ENG. (DESIGN)

SEN SUPT. ENG. (DESIGN)
SUPT. ENGINEER (DESIGN)
PROJECT ENGINEER

SCALES
1:50

NAIROBI BYPASS
VEHICLE BOX CULVERTS
CH 10+500.00 9+8.00 8+5.00 (10)