



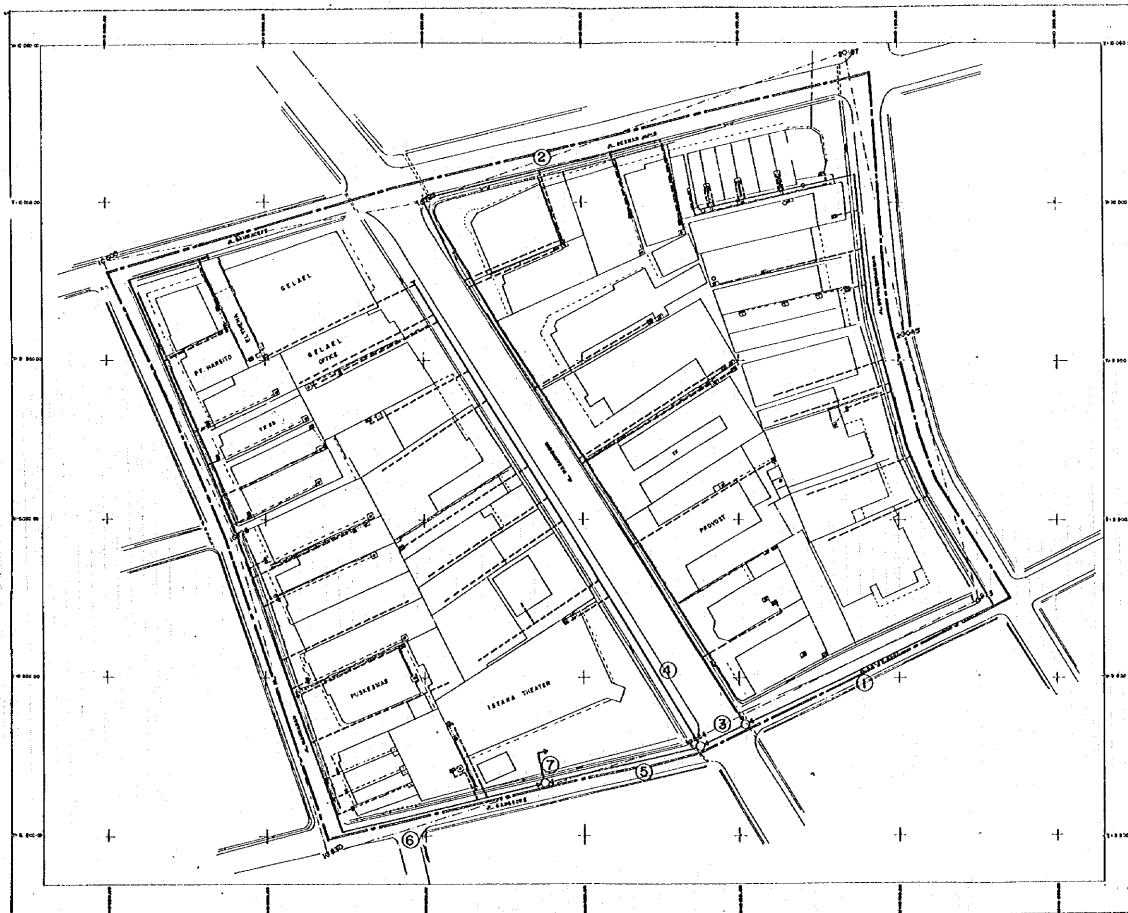
- LEGEND :**
- PROVINCIAL ROAD
 - LINE OF POLES
 - DRAINAGE
 - GRAY WATER OUTLET
 - PERMANENT HOUSE
 - TERRACE / TEMPORARY HOUSE
 - FENCE WALL
 - SCHOOL / OFFICE
 - TOILET / BATH ROOM
 - SEPTIC TANK / LEACHING PIT
 - WELL / SOURCE
 - SERVICE AREA
 - HOUSE CONNECTION SEWER
 - SEWER NUMBER
 - TERTIARY/SECONDARY SEWER

SCALE 1:500

THE GOVERNMENT OF INDONESIA
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 DIRECTORATE GENERAL OF URBAN SETTLEMENTS
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WATER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF SURABAYA PROVINCE
 OF THE REPUBLIC OF INDONESIA

Fig. P.18 LAYOUT OF QUARTARY SEWERAGE LAYOUT
 SCALE 1 : 500
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



- LEGEND**
- PROVINCIAL ROAD
 - LINE OF POLLUTION
 - HOUSING
 - FENCE WALL
 - SCHOOL OFFICE
 - PERMANENT HOUSE
 - TERRACE / TEMPORARY HOUSE
 - TOILET / BATH ROOM
 - SEPTIC TANK / LEACHED PIT
 - WELL / SPRING
 - SEWER WATER OUTLET
 - SERVICE AREA
 - HOUSE CONNECTION SEWER
 - SEWER MANHOLE
 - TERTIARY SEWER

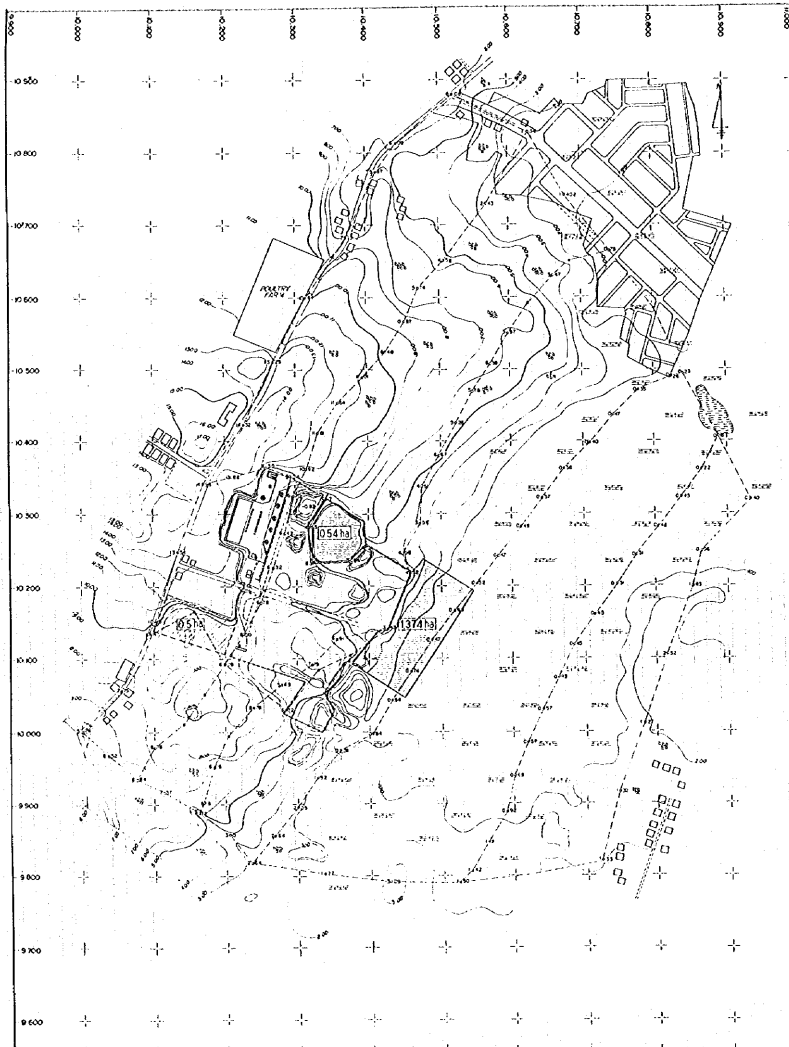


THE GOVERNMENT OF INDONESIA
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 (DITAN KOTA)

MASTER PLAN AND FEASIBILITY STUDY
 FOR
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF BANDUNG
 IN
 THE REPUBLIC OF INDONESIA

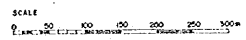
FIG. B-19 LAYOUT OF ORPHANAGE SEWER AT BANDU

SCALE	1 : 500
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

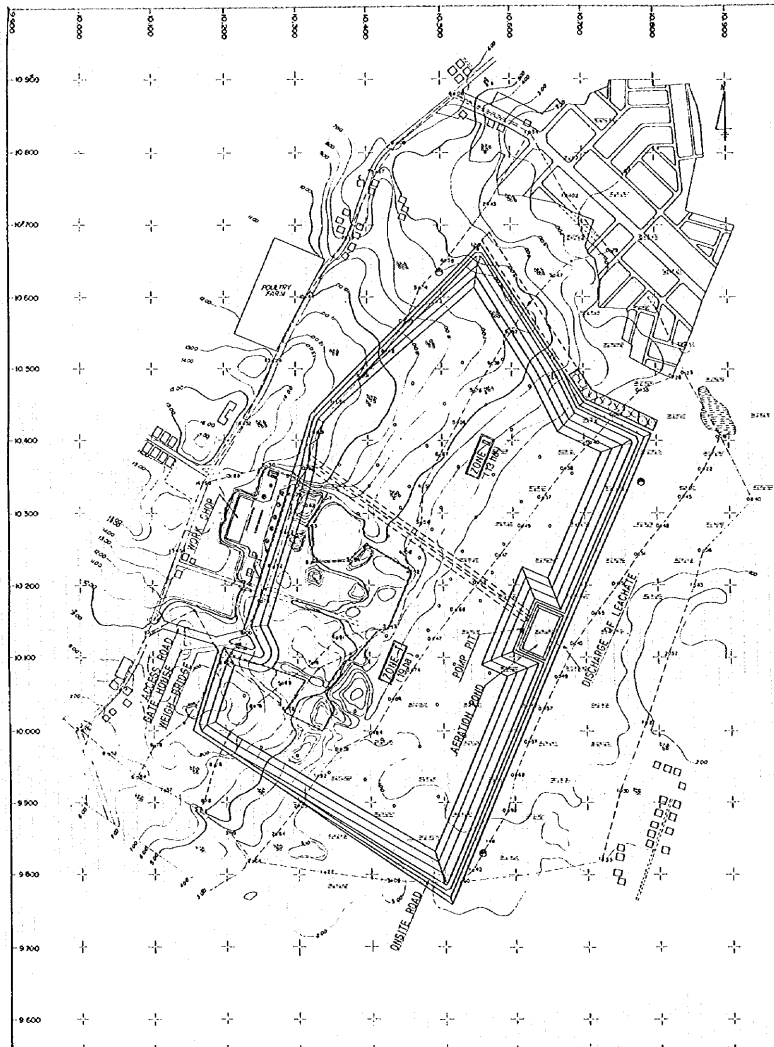


LEGEND

- Travers Point
- Surveyed Alignment
- Intermediate Contour
- House
- Road
- Fence Line
- Benchmark
- Ricefield
- Mixed Agriculture
- Swamp
- Extended Area in 1994/95
- Extension Plan in 1995/96



THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. P.22 Plan of Tamangapa Existing Site	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



LEGEND

- Travers Point
- Surveyed Alignment
- Intermittent Contour
- House
- Road
- fence line
- Benchmark
- Ricefield
- Mixed Agriculture
- Swamp
- GAS COLLECTION PIPE
- MONITORING WELL
- BUFFER ZONE
- EXISTING FOREST
- NEWLY SETTLED



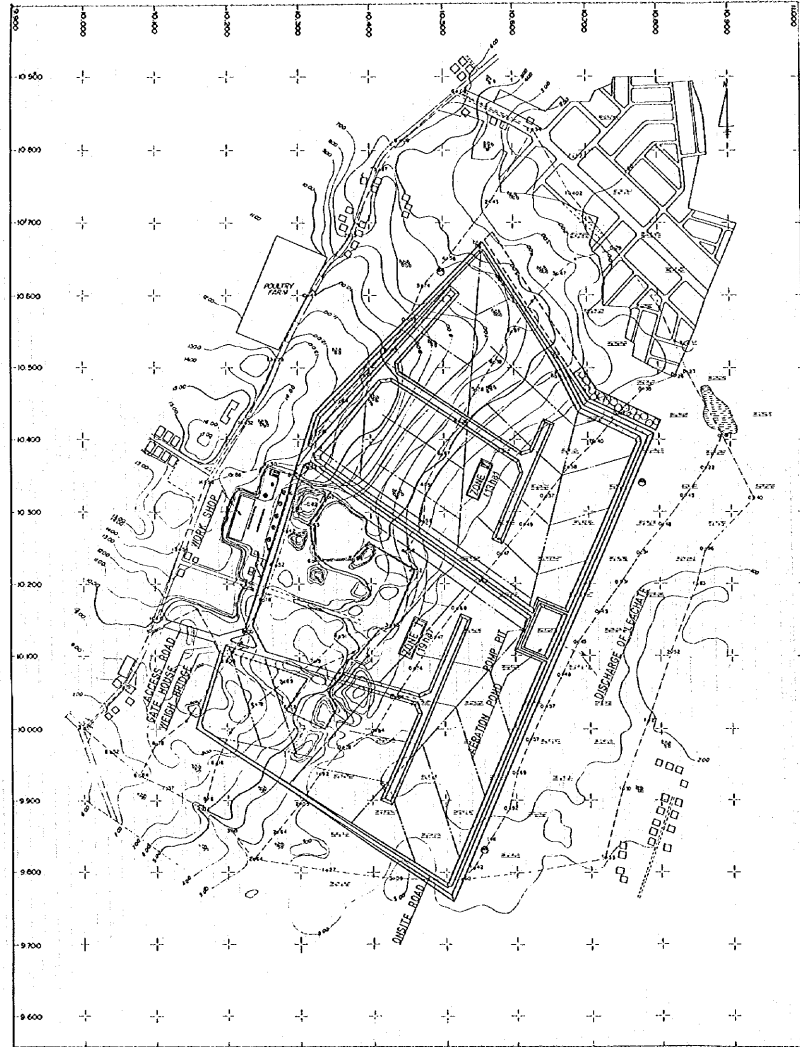
THE GOVERNMENT OF INDONESIA
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 FOR
 THE CITY OF ULUNG PANDANG
 IN
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Fig. F.23 Layout Plan of Tamangapa Disposal Site

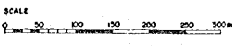
SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

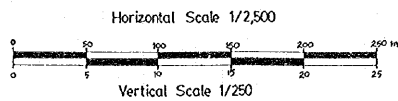
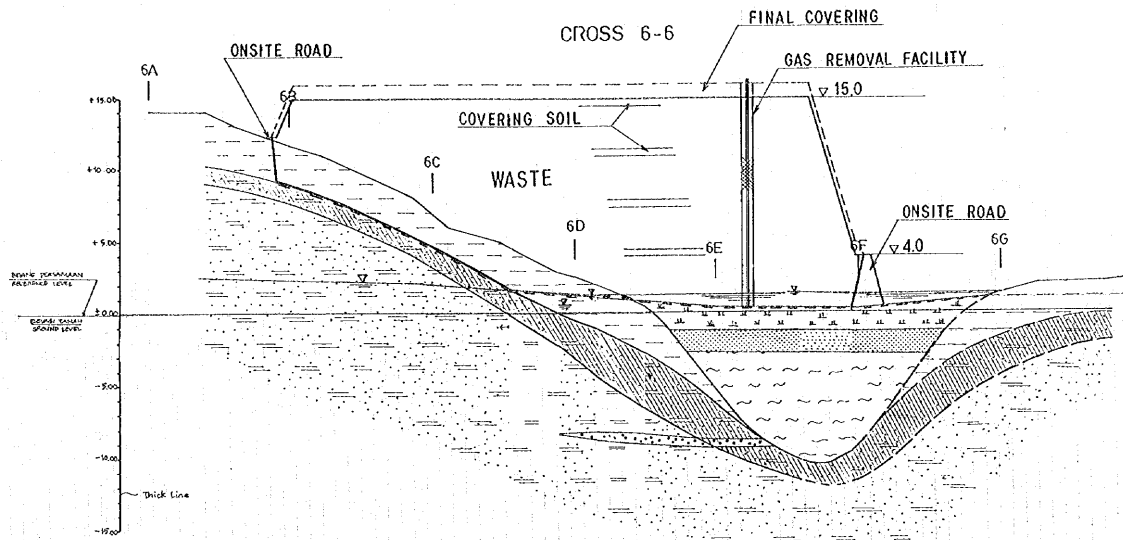


LEGEND.

- Traverse Point
- Surgeed Alignment
- Intermediate Contour
- House
- Road
- Fence Line
- Benchmark
- Rice Field
- Mixed Agriculture
- Swamp
- MONITORING WELL
- LEACHATE COLLECTION PIPE
MAIN
SUB.
- BUFFER ZONE
EXISTING FOREST
NEWLY SETTLED



THE GOVERNMENT OF INDONESIA
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 (CIPTA KARYA)
 ON
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 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF ULUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA
 fig. P.24
 Facility Plan of Tamangapa Disposal
 Site
 SCALE
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



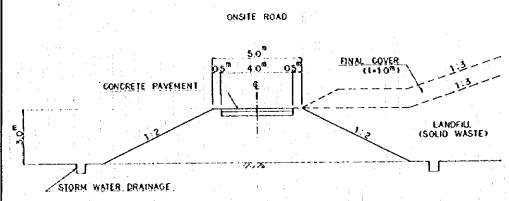
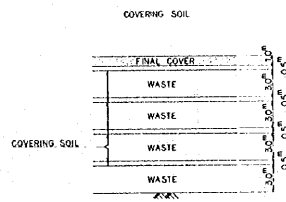
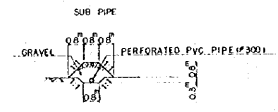
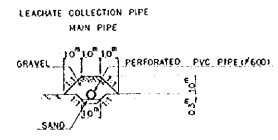
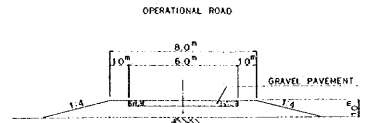
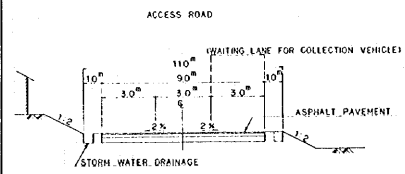
THE GOVERNMENT OF INDONESIA
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 (CIPTA KARYA)

MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF ULJUNG PANDANG
 IN
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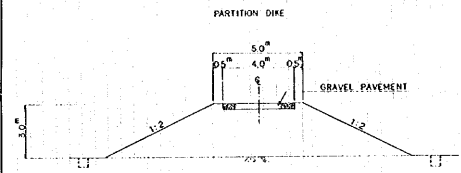
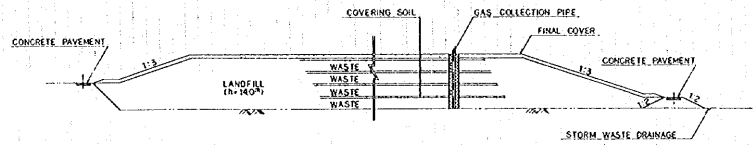
Fig. P-25 Sectional Elevation of Tamangapa
 Disposal Site

SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



TYPICAL SECTION



MAIN FACILITY OF DISPOSAL SITE

THE GOVERNMENT OF INDONESIA
 MINISTRY OF PUBLIC WORKS (PU)
 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)

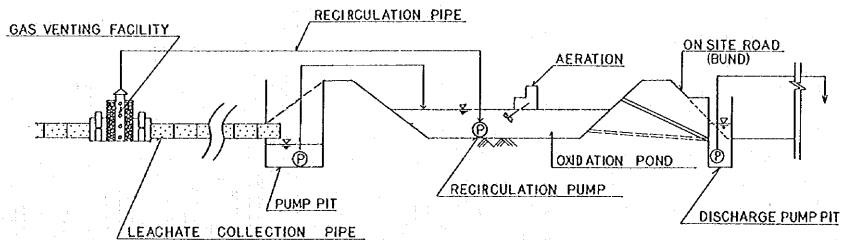
MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
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Fig. F-26 Typical Facilities of Tamangapa
 Disposal Site (1/2)

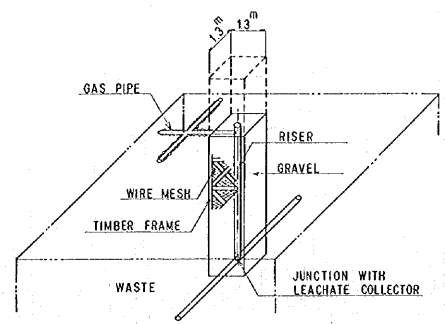
SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

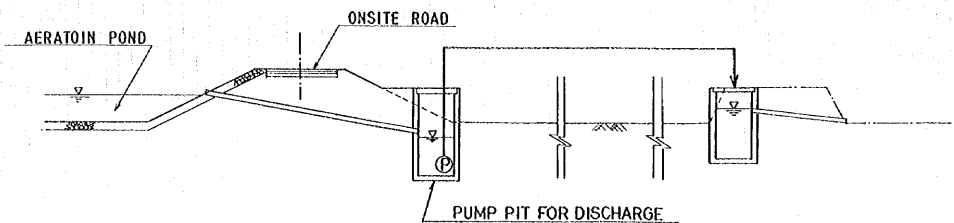
Leachate Circulation System (Aeration Lagoon System)



GAS VENT DATAIL



PROFILE OF LEACHATE DRAIN OUTLET



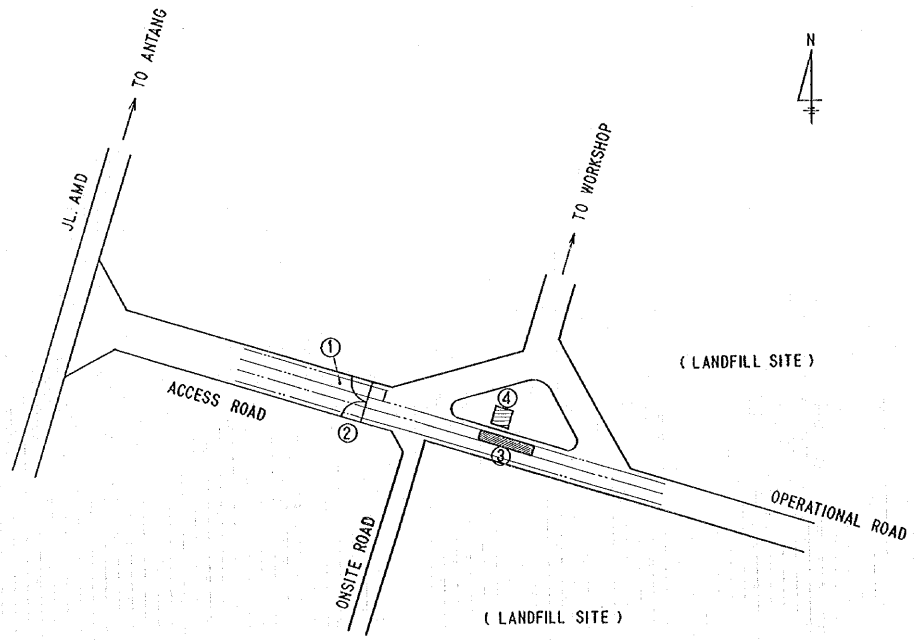
THE GOVERNMENT OF INDONESIA
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 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)

MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA

Fig. P-26 Typical Facilities of Tamangapa
 Disposal Site (2/2)

SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

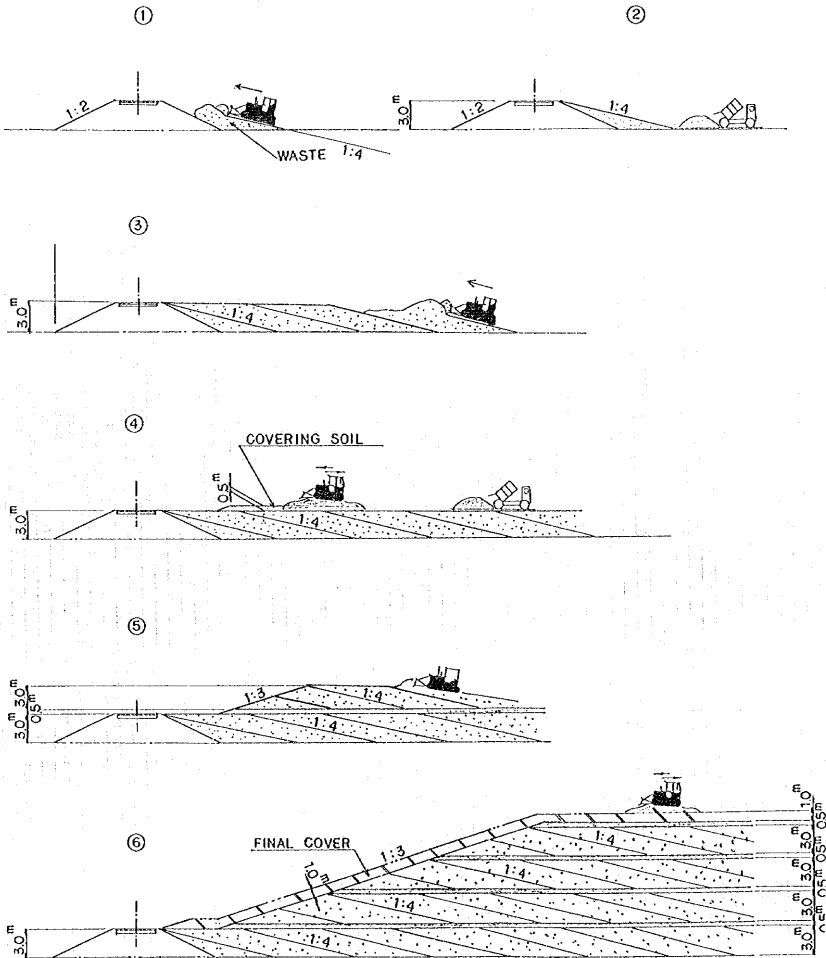


LEGEND

- ① WAITING LANE FOR COLLECTION VEHICLES
- ② SITE GATE AND TRAFFIC LIGHTS
- ③ WEIGH BRIDGE
- ④ GATE HOUSE, WEIGH BRIDGE CONTROL ROOM



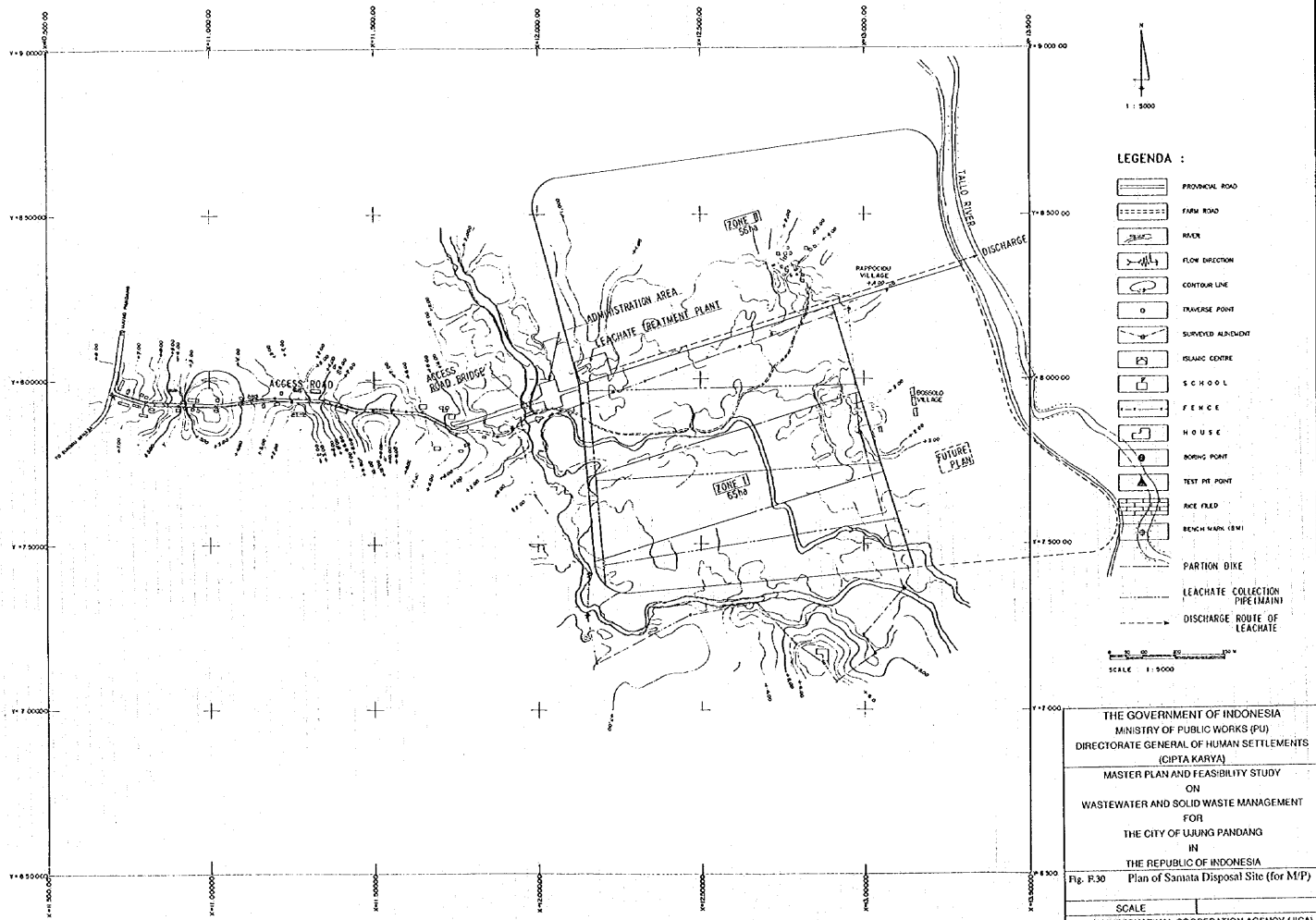
THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF ULUNG PANDANG IN THE REPUBLIC OF INDONESIA
Fig. P-27 Layout of Entrance and Exit of Tamangapa Disposal Site
SCALE 1
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

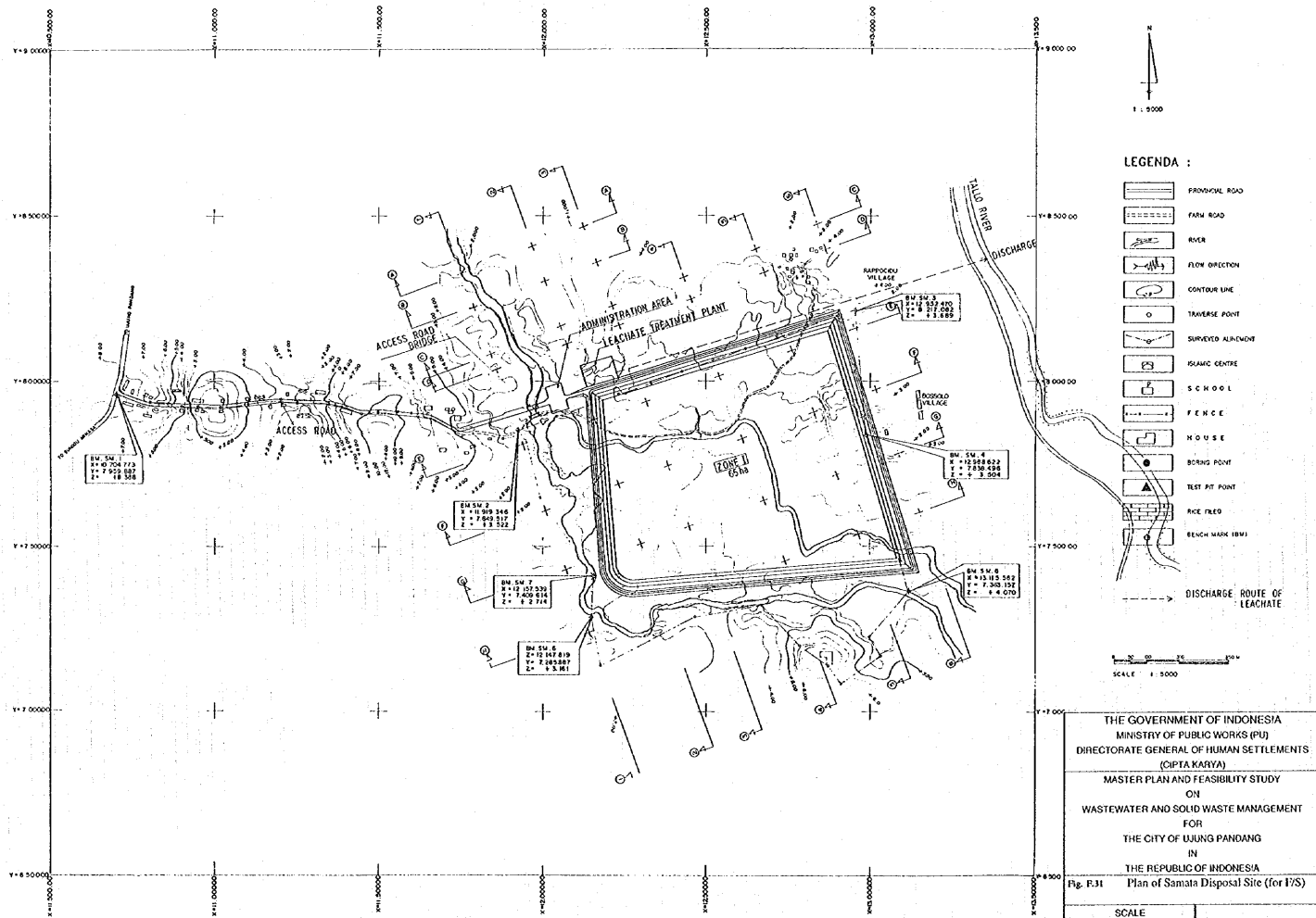


THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. P-28 Landfill Method	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARVA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN	
THE REPUBLIC OF INDONESIA	
Fig. F-29 Location and Environs of Sanata Disposal Site	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	





- LEGENDA :**
- PROVINCIAL ROAD
 - FARM ROAD
 - RIVER
 - FLOW DIRECTION
 - CONTOUR LINE
 - TRAVERSE POINT
 - SURVEYED ALIGNMENT
 - ISLAMIC CENTRE
 - SCHOOL
 - FENCE
 - HOUSE
 - BORING POINT
 - TEST PIT POINT
 - RICE FIELD
 - BENCH MARK (BM)
- DISCHARGE ROUTE OF LEACHATE

SCALE 1 : 5000

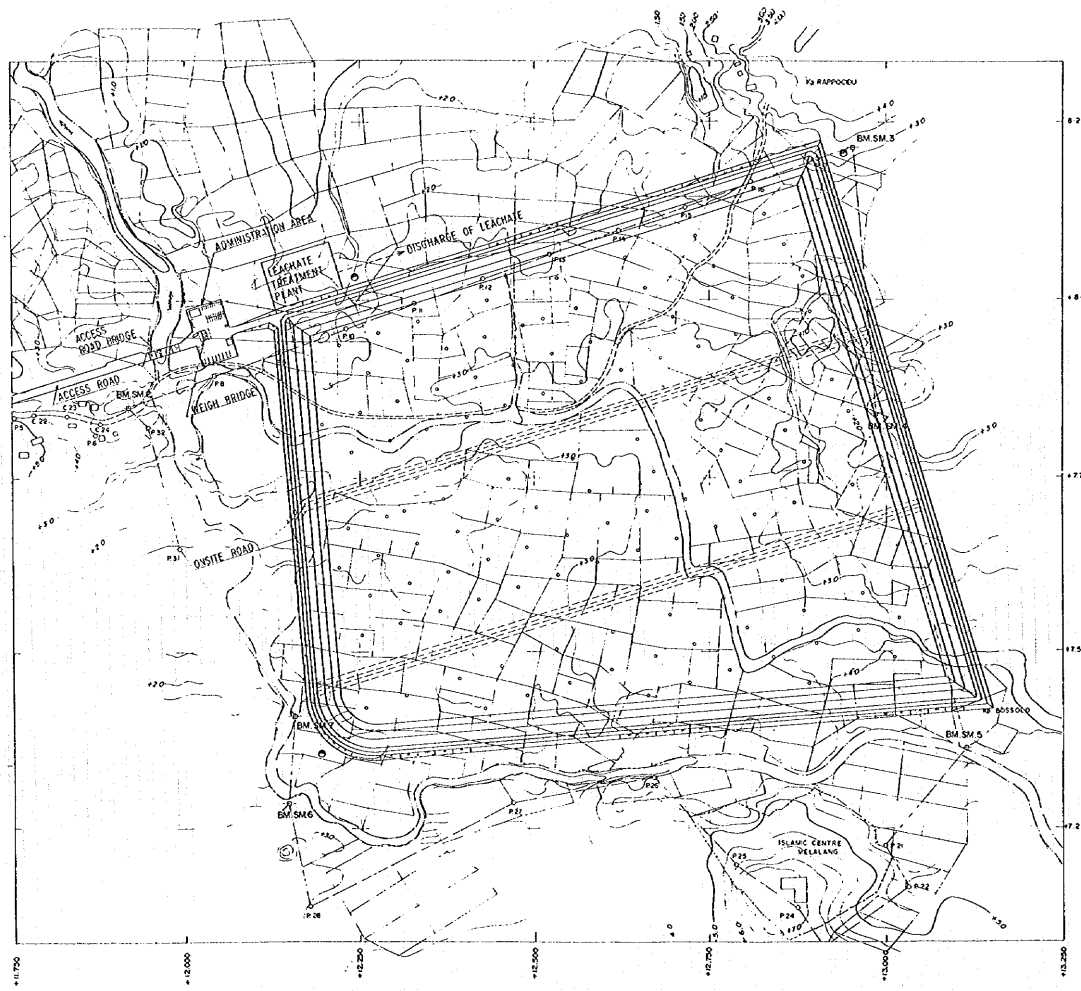
THE GOVERNMENT OF INDONESIA
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 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)

MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA

Fig. F.31 Plan of Samata Disposal Site (for I/S)

SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



1 : 2500

LEGEND :

- PROVINCIAL ROAD
- PAVED ROAD
- RIVER
- FLOW DIRECTION
- CONTOUR LINE
- TRAVERSE POINT
- SURVEYED ALIGNMENT
- BENCH MARK (BM)
- ISLAMIC CENTRE
- SCHOOL
- F.C.W.C.E.
- HOUSE
- BORING POINT
- TEXT PIT POINT
- RICE FIELD
- GAS COLLECTION PIPE
- MONITORING WELL
- KEY MAP

0 25 50 100 175 m
SCALE 1 : 2500

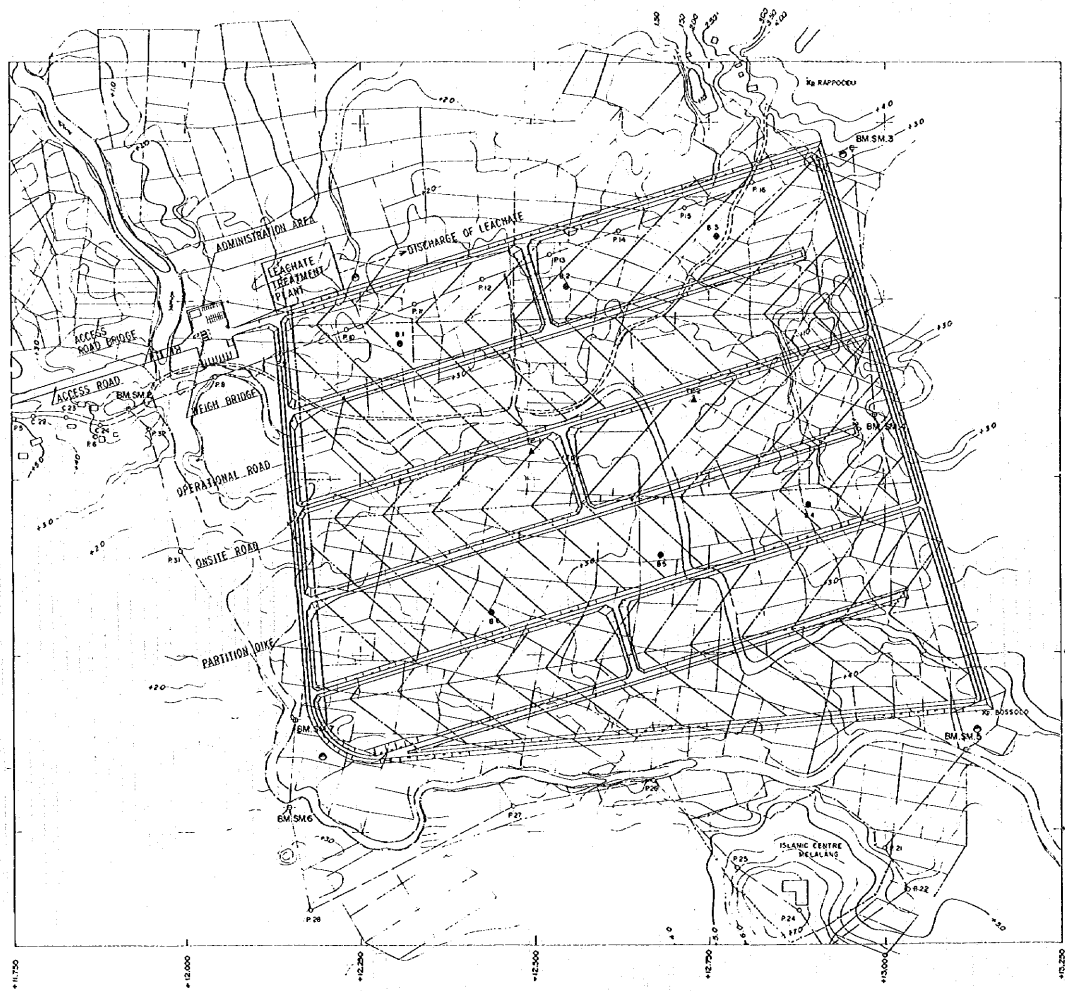
THE GOVERNMENT OF INDONESIA
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 (CIPTA KARYA)

MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA





















Fig. P.32 Layout Plan of Samata Disposal Site

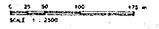
SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



LEGEND :

-  PROVINCIAL ROAD
-  FARM ROAD
-  RIVER
-  FLOW DIRECTION
-  CONTOUR LINE
-  TRAVERSE POINT
-  SURVEYED ALIGNMENT
-  BENCH MARK (BM)
-  ISLAMIC CENTRE
-  SCHOOL
-  FENCE
-  HOUSE
-  BORING POST
-  TEST PIT POINT
-  RICE FIELD
-  MONITORING WELL
-  LEACHATE COLLECTION PIPE
-  MAIN PIPE
-  LEACHATE/GRAIN PIPE
-  SUB-PIPE



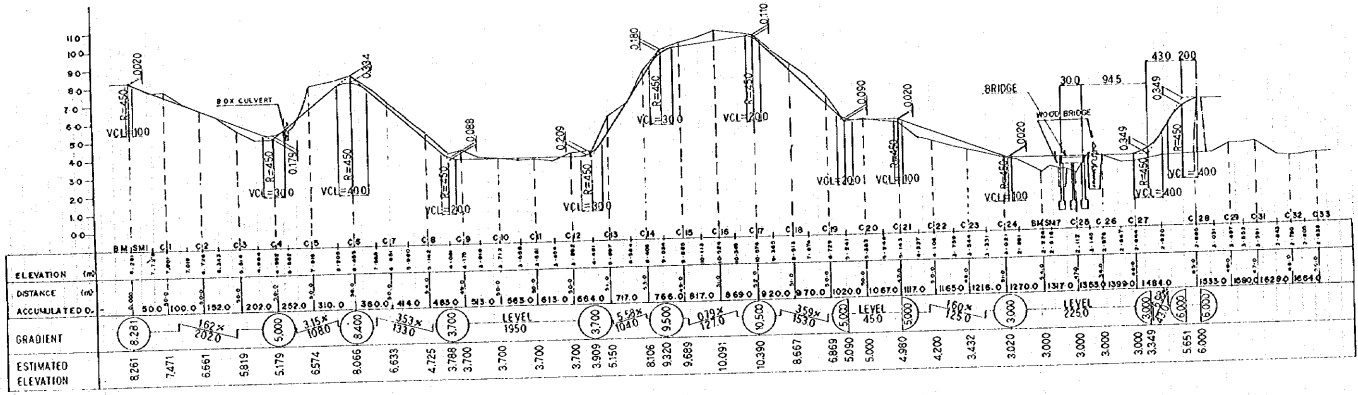
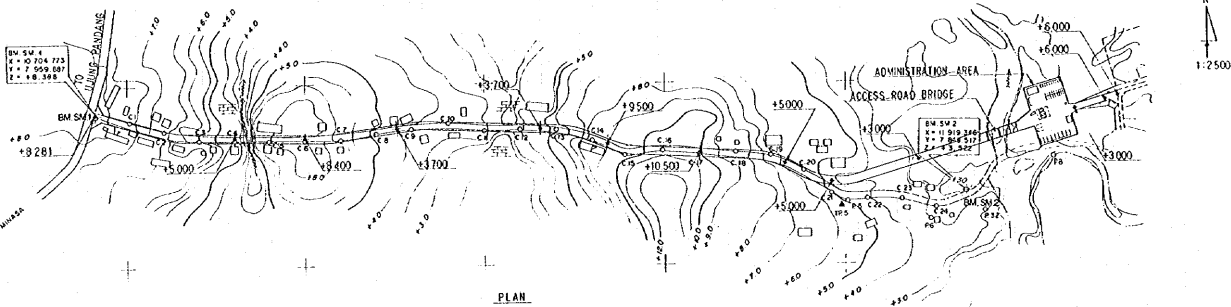
THE GOVERNMENT OF INDOONESIA
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 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)

MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA

Fig. F.33 Facility Plan of Samata Disposal Site

SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



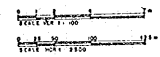
THE GOVERNMENT OF INDONESIA
 MINISTRY OF PUBLIC WORKS (PU)
 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)

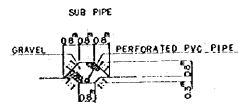
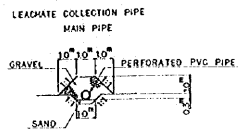
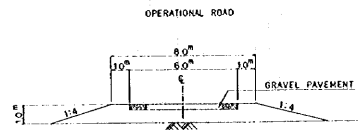
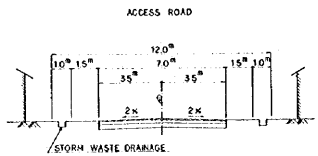
MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
 THE REPUBLIC OF INDONESIA

Fig. P-34
 Access Road Plan of Samata Disposal
 Site

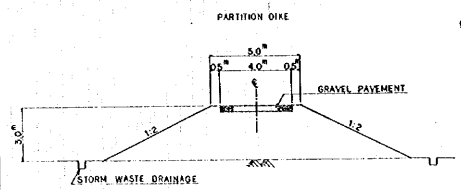
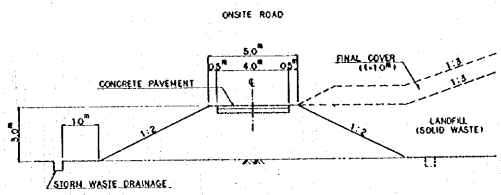
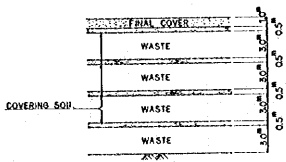
SCALE

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

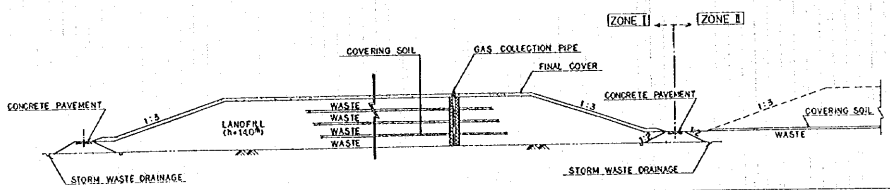




COVERING SOIL



TYPICAL SECTION



MAIN FACILITY OF DISPOSAL SITE

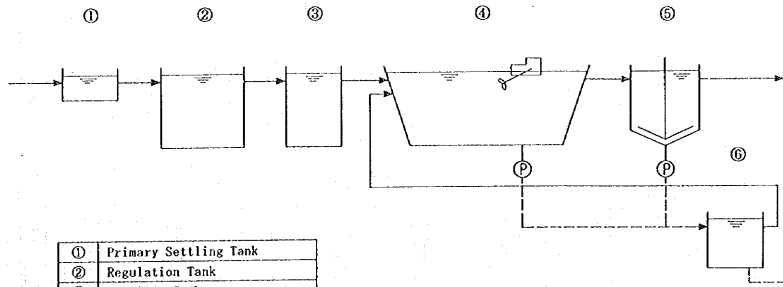
THE GOVERNMENT OF INDONESIA
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 DIRECTORATE GENERAL OF HUMAN SETTLEMENTS
 (CIPTA KARYA)
 MASTER PLAN AND FEASIBILITY STUDY
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 FOR
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 IN
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Fig. P.35 Typical Facilities of Samata
 Disposal Site (1/2)

SCALE

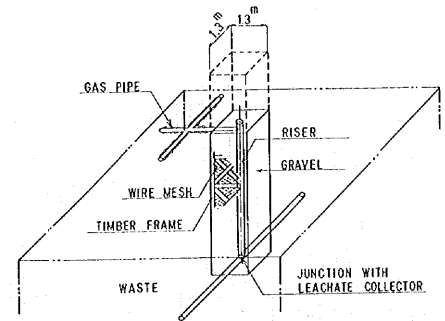
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

Aeration Lagoon System (improved)

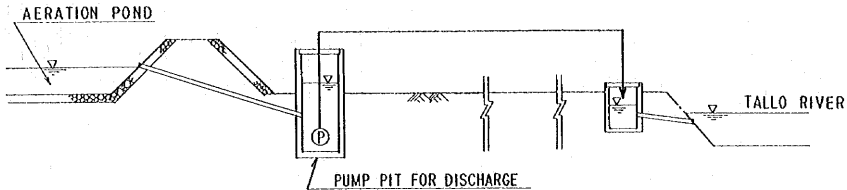


①	Primary Settling Tank
②	Regulation Tank
③	Settling Tank
④	Aeration Lagoon
⑤	Sedimentation Tank
⑥	Sludge Tank

GAS VENT DATAIL



PROFILE OF LEACHATE DRAIN OUTLET



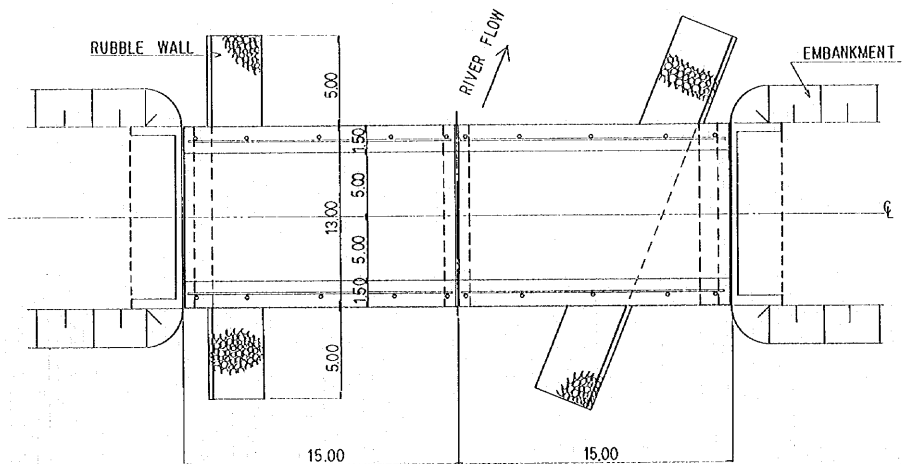
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 (CIPTA KARYA)
 MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
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Fig. P.35 Typical Facilities of Samata Disposal Site (2/2)

SCALE

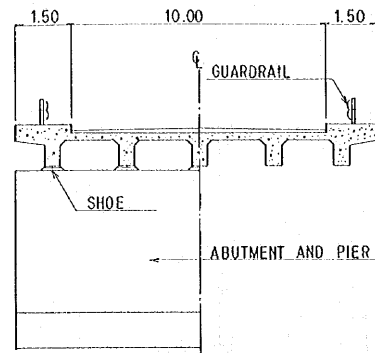
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PLAN



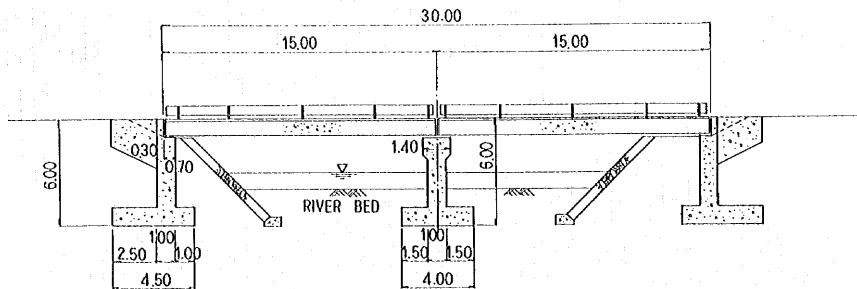
SCALE
0 2.5 5 10

RC-BEAM BRIDGE - COMPOSITE



SCALE
0 1 2 3 4 5

PROFILE



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(CIPTA KARYA)

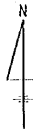
MASTER PLAN AND FEASIBILITY STUDY
ON
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FOR
THE CITY OF UJUNG PANDANG
IN
THE REPUBLIC OF INDONESIA

Fig. F-36
Outline of Access Road Bridge

SCALE

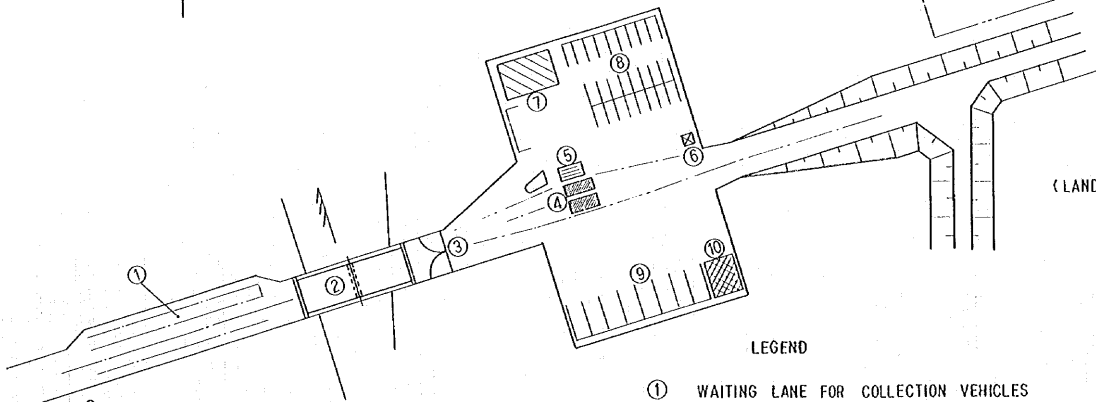
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ACCESS ROAD



(LEACHATE TREATMENT PLANT)

(LANDFILL SITE)

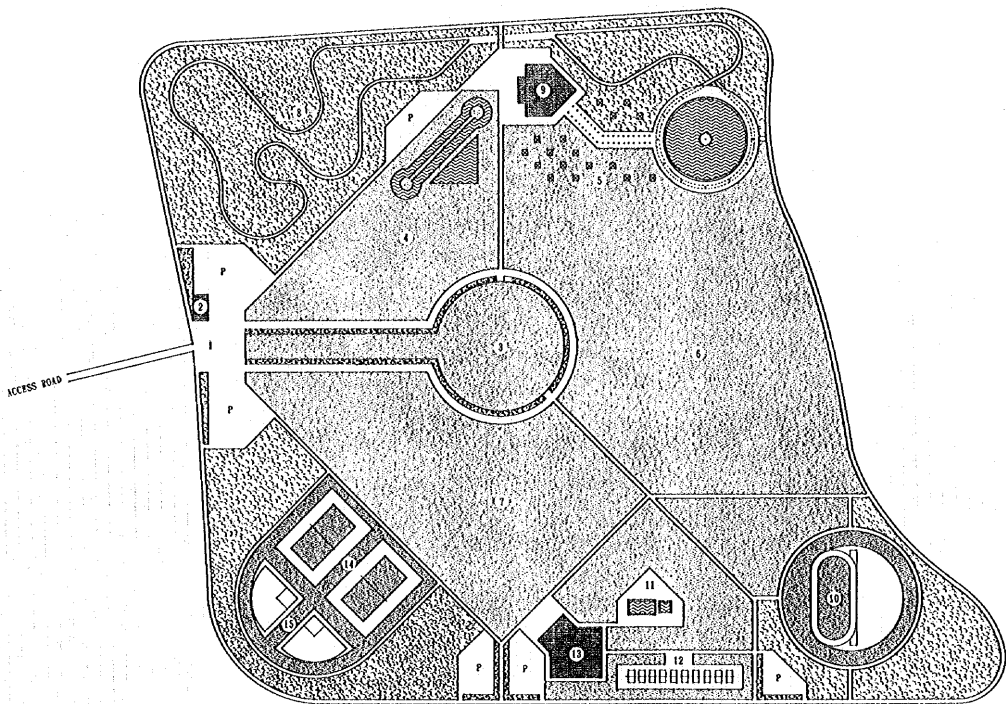


LEGEND

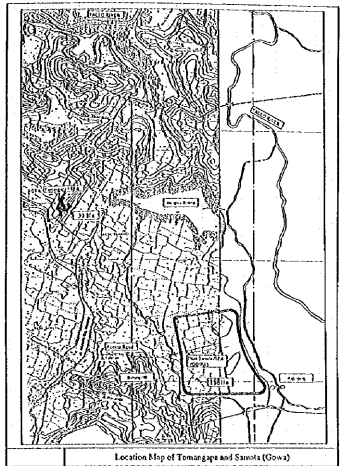
- ① WAITING LANE FOR COLLECTION VEHICLES
- ② BRIDGE
- ③ SITE GATE AND TRAFFIC LIGHTS
- ④ WEIGH BRIDGE
- ⑤ GATE HOUSE
- ⑥ CONTROL TOWER
- ⑦ OFFICE BUILDING
- ⑧ CAR PARKING
- ⑨ DEPOT FOR HEAVY EQUIPMENT
- ⑩ WASHING STATION



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MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. P.37 Layout of Entrance and Exit of Samate Disposal Site	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



ULTIMATE LAND-USE PLAN OF SAMATA DISPOSAL SITE



- | | |
|--------------------------|---------------------------|
| 1 ENTRANCE | 9 REST HOUSE |
| 2 ADMINISTRATION OFFICE | 10 ATHLETIC STADIUM |
| 3 EXHIBITION PARK | 11 SWIMMING POOL |
| 4 CHILDREN'S PARK | 12 TENNIS COURT |
| 5 RECREATION PARK | 13 GYMNASIUM & CLER HOUSE |
| 6 OPEN PLAYGROUND | 14 SOCCER FIELD |
| 7 AMUSEMENT PARK | 15 BASEBALL GROUND |
| 8 JOGGING & CYCLING ROAD | P CAR PARKING |

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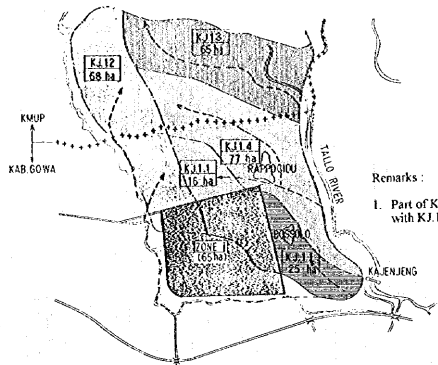
MASTER PLAN AND FEASIBILITY STUDY
 ON
 WASTEWATER AND SOLID WASTE MANAGEMENT
 FOR
 THE CITY OF UJUNG PANDANG
 IN
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Fig. P-38 Ultimate Land-use plan of Samata
 Disposal Site

SCALE

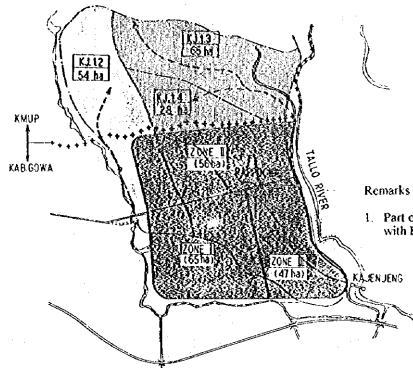
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

ZONE I CONST. STAGE



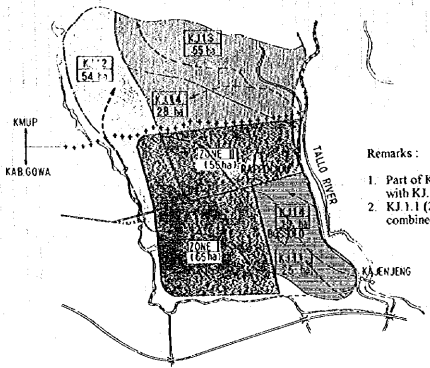
Remarks:
1. Part of KJ.1.1 (16ha) shall be combined with KJ.1.4 as one catchment area.

ZONE III CONST. STAGE



Remarks:
1. Part of KJ.1.4 (28ha) shall be combined with KJ.1.3 as one catchment area.

ZONE II CONST. STAGE



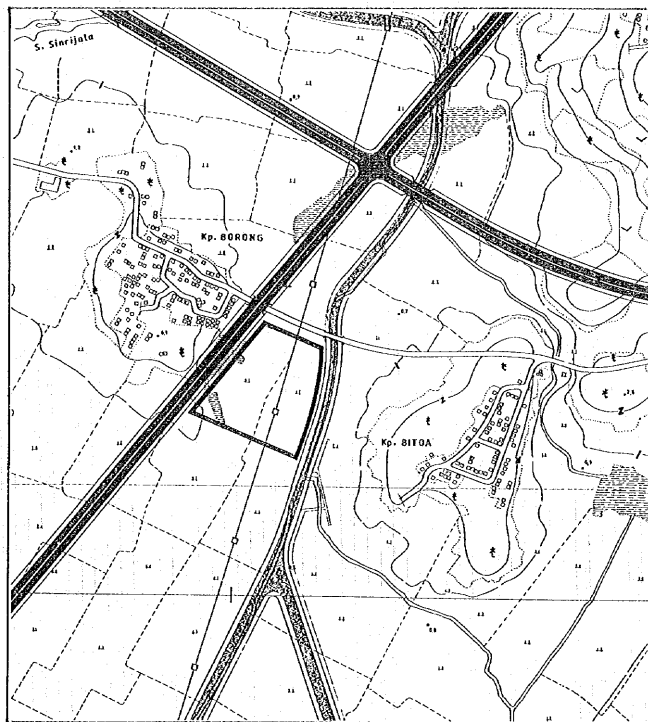
Remarks:
1. Part of KJ.1.4 (28ha) shall be combined with KJ.1.3 as one catchment area.
2. KJ.1.1 (25ha) and KJ.1.4 (19ha) shall be combined as one catchment area.

LEGEND

- SANATA/TPA (PLAN)
- CATCHMENT AREA (ROUTE FOR WATER FLOW)
- ROUTE FOR WATER FLOW
- KELURAHAN BOUNDARY
- PROPOSED CATCHMENT AREA












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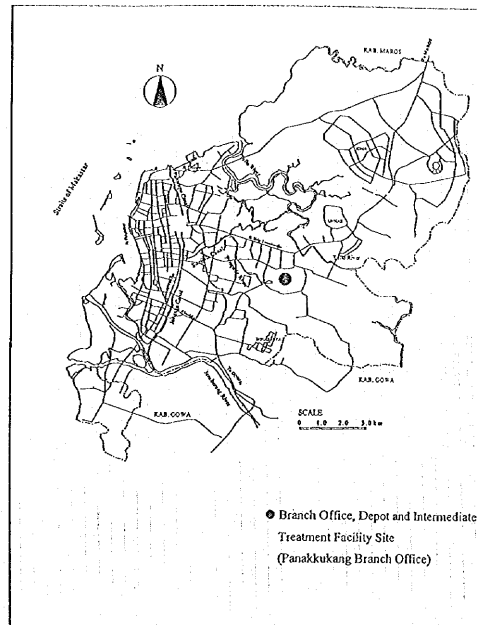
THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. P.39 Catchment Area and Diversion Channel Plan of Kajenjeng	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



LACATION MAP OF PANAKKUKANG BRANCH OFFICE.

LEGEND

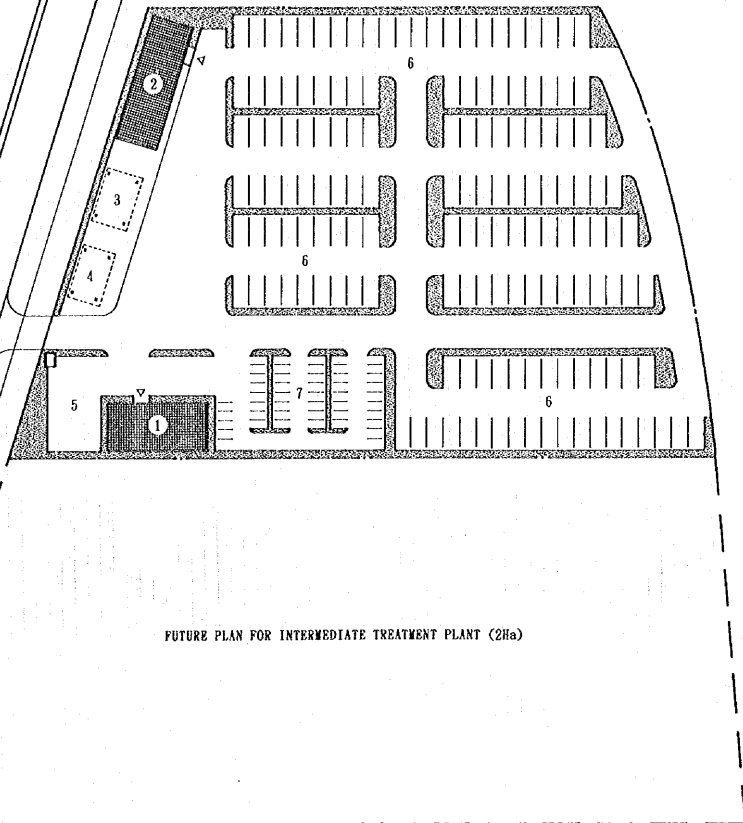
-  EENIPE RACAL ROAD (10m)
-  CANAL (10m)
-  BRIDGE
-  SETTLEMENT
-  GROWING PLANT UNITS
-  RICE FIELD UNITS
-  RICE FIELD
-  COCONUT
-  SWAMP
-  ROAD
-  PANAKKUKANG BRANCH OFFICE (plan)



● Branch Office, Depot and Intermediate Treatment Facility Site (Panakkukang Branch Office)

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MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. F-40	Location of Panakkukang Branch Office
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	

CENTRE RADIAL ROAD



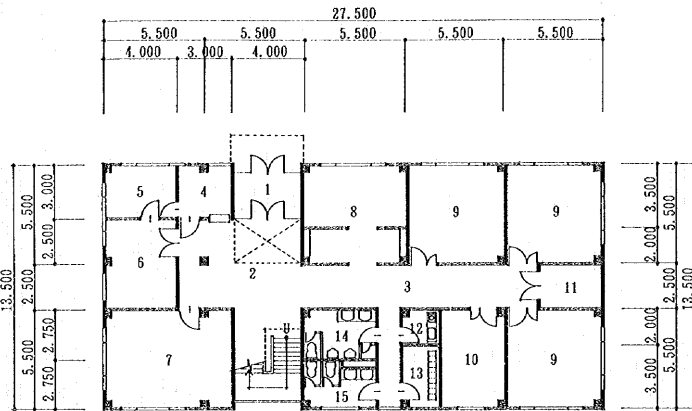
- 1 BRANCH OFFICE BUILDING
- 2 ANNEX BUILDING
- 3 WASHING STATION
- 4 FUEL STATION
- 5 MOTOR-CYCLE & BICYCLE YARD
- 6 DEPOT
- 7 CAR PARKING

FUTURE PLAN FOR INTERMEDIATE TREATMENT PLANT (2Ha)

SITE PLAN OF PANAKKUKANG BRANCH OFFICE S = 1/1000

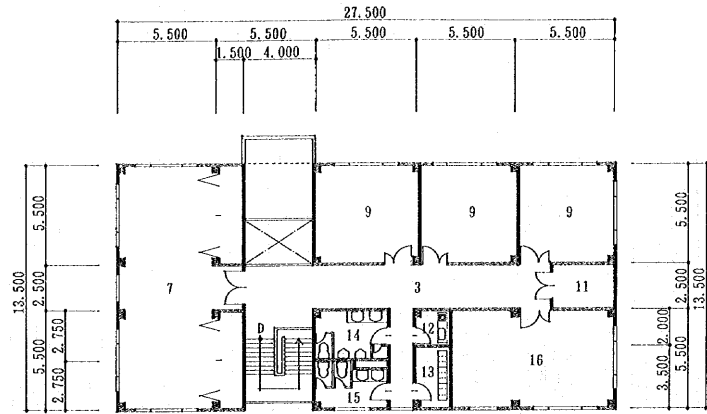


THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. F-41 Site Plan of Panakkukang Branch Office	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



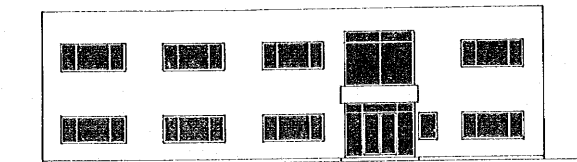
1st FLOOR PLAN S=1/200

- | | | | |
|---|-----------------|----|-------------|
| 1 | ENTRANCE | 9 | OFFICE |
| 2 | HALL | 10 | ARCHIVES |
| 3 | CORRIDOR | 11 | STORAGE |
| 4 | RECEPTION | 12 | KETTLE ROOM |
| 5 | SECRETARIAT | 13 | LOCKER ROOM |
| 6 | DIRECTOR OFFICE | 14 | TOILET(M) |
| 7 | CONFERENCE ROOM | 15 | TOILET(F) |
| 8 | PRAY ROOM | 16 | DESIGN ROOM |

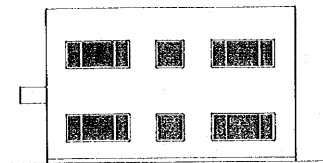


2nd FLOOR PLAN S=1/200

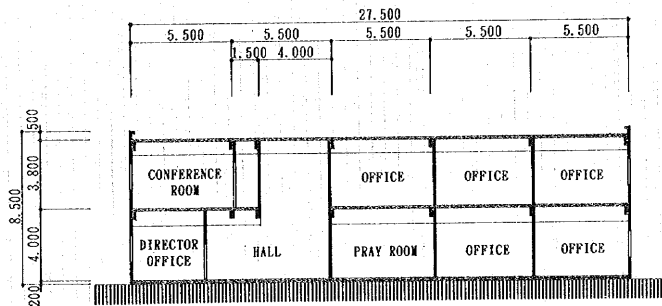
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MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. F-42 Office Building / Plan	
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



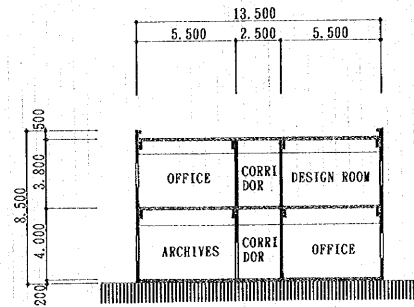
NORTH ELEVATION S=1/200



WEST ELEVATION S=1/200

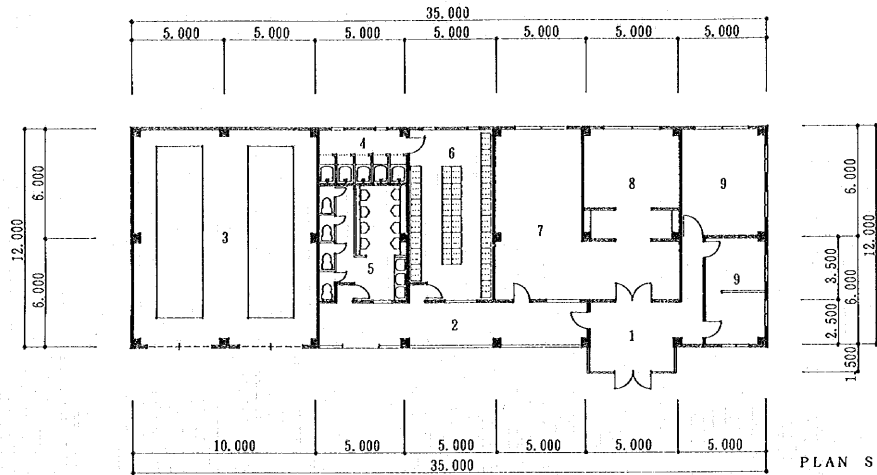


SECTION S=1/200



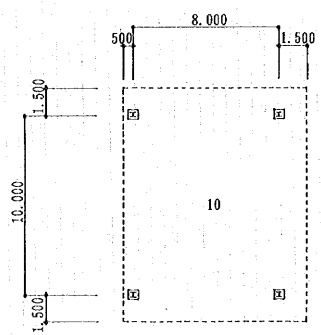
SECTION S=1/200

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 MASTER PLAN AND FEASIBILITY STUDY
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 IN
 THE REPUBLIC OF INDONESIA
 Fig. P-43 Office Building / Elevation & Section
 SCALE
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

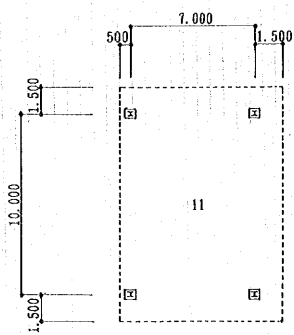


- 1 ENTRANCE
- 2 CORRIDOR
- 3 INSPECTION BRIDGE
- 4 SHOWER ROOM
- 5 SANITARY FACILITY
- 6 LOCKER ROOM
- 7 REFRESH ROOM
- 8 PRAY ROOM
- 9 OFFICE
- 10 WASHING STATION
- 11 FUEL STATION

PLAN S=1/200



WASHING STATION
PLAN S=1/200

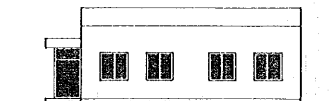


FUEL STATION
PLAN S=1/200

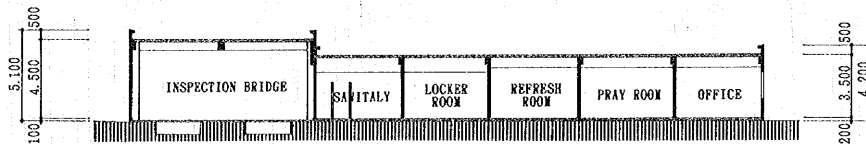
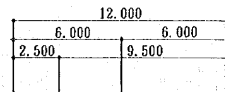
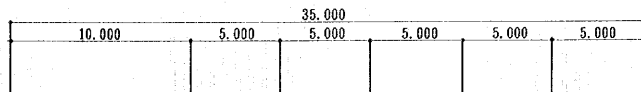
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MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF LUANG PANGANG IN THE REPUBLIC OF INDONESIA	
Fig P-44	Annex Building, Washing & Fuel Station / Plan
SCALE	1
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	



EAST ELEVATION S=1/200



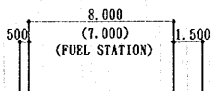
NORTH ELEVATION S=1/200



SECTION S=1/200



SECTION S=1/200



SECTION S=1/200



SOUTH ELEVATION S=1/200

THE GOVERNMENT OF INDONESIA MINISTRY OF PUBLIC WORKS (PU) DIRECTORATE GENERAL OF HUMAN SETTLEMENTS (CIPTA KARYA)	
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA	
Fig. P-45	Annex Building, Washing & Fuel Station / Elevation & Section
SCALE	
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	





JICA