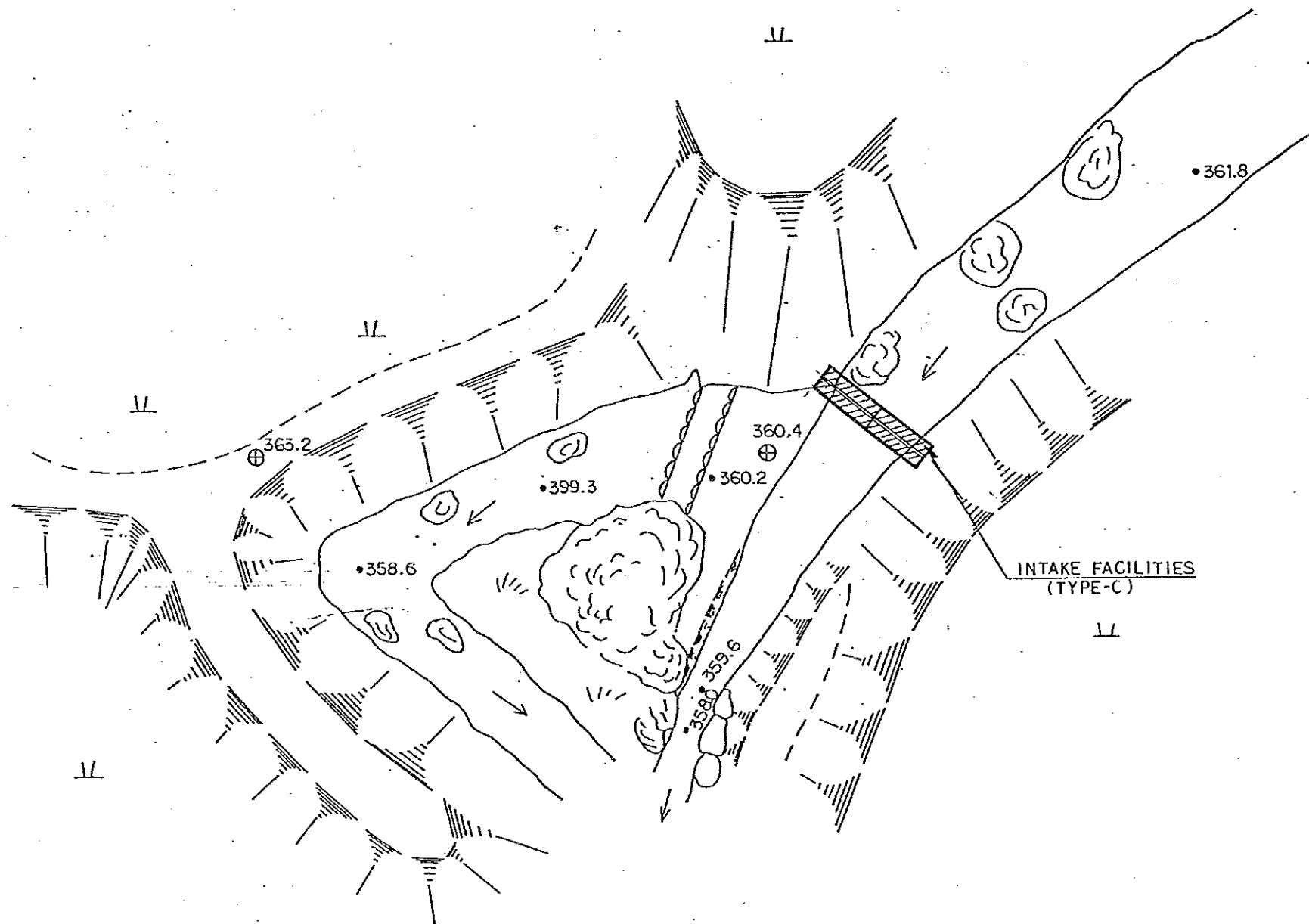
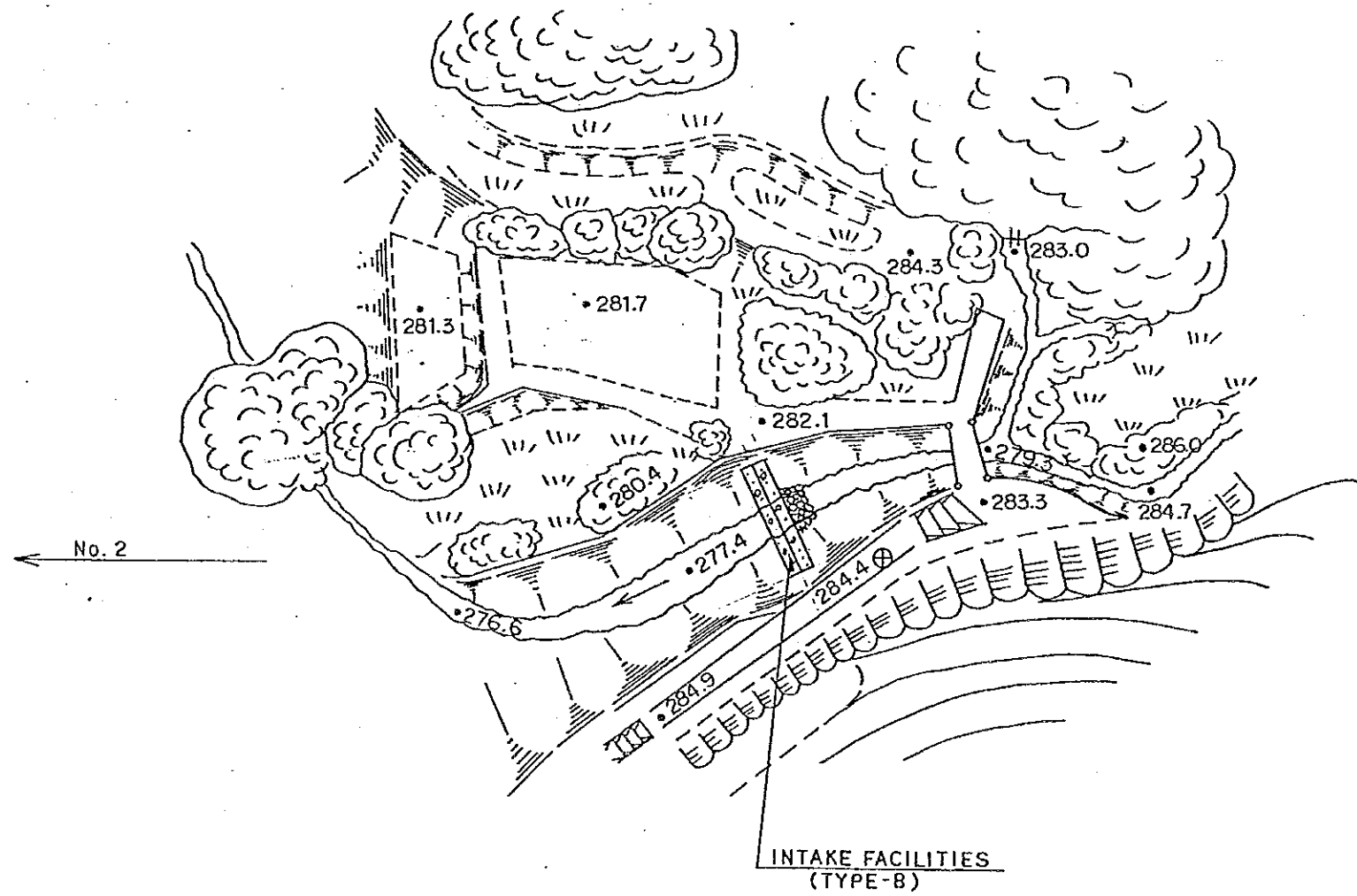


ULUSALU



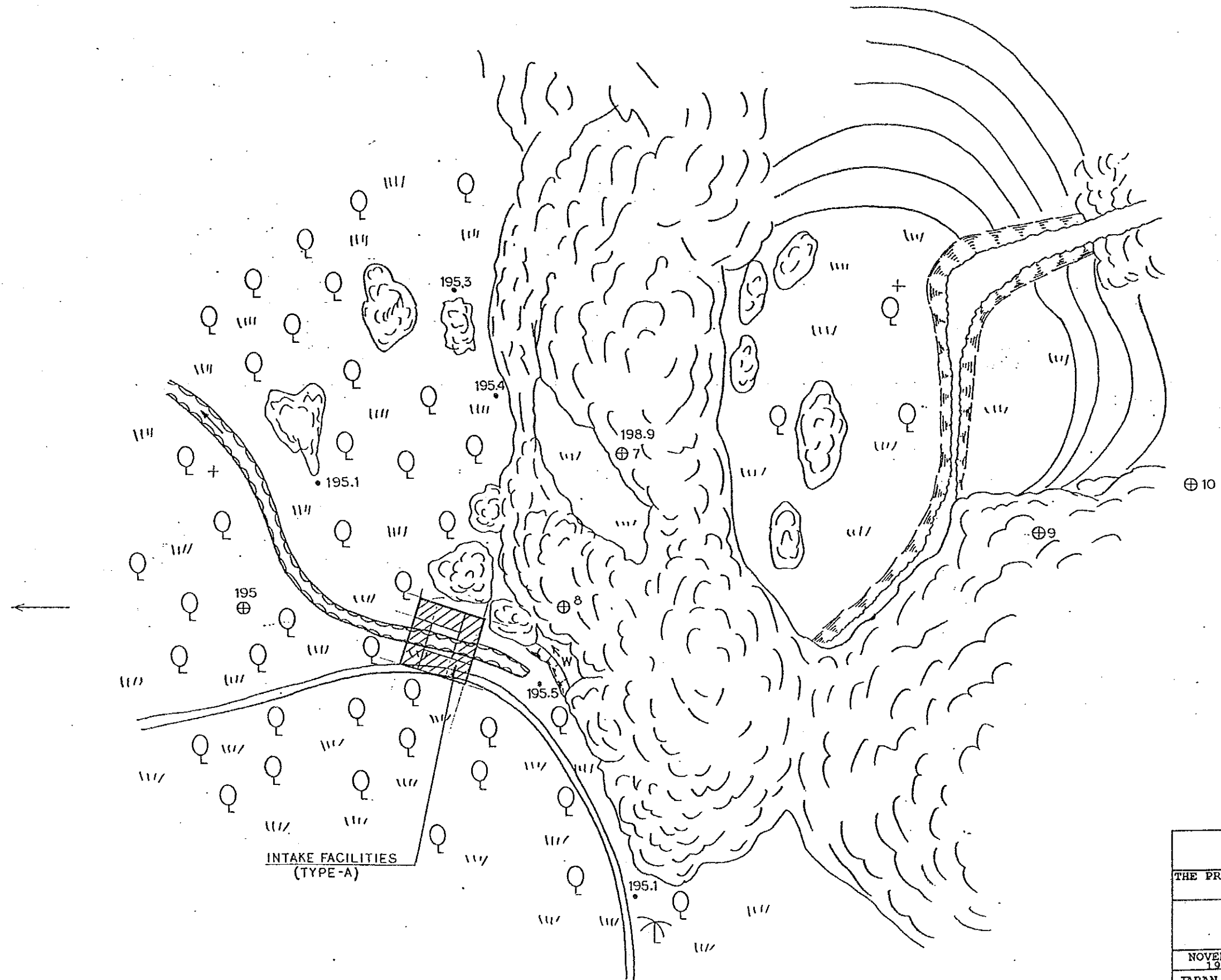
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| ULUSALU<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 109 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

SALU



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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| SALU<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 110 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

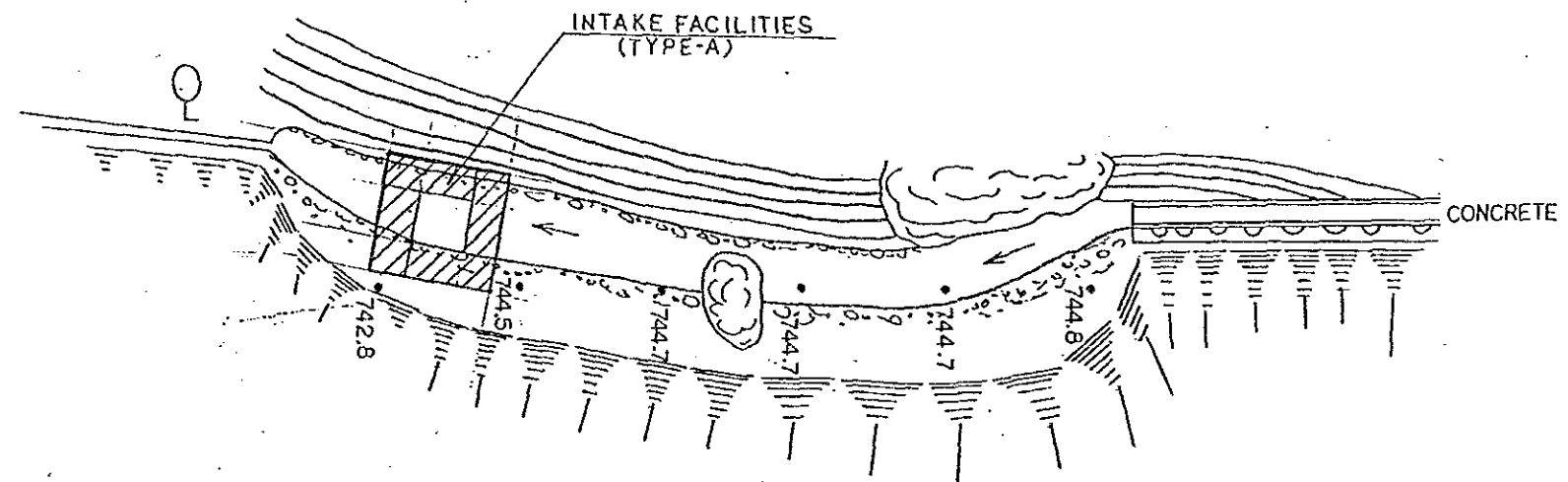
KAERO



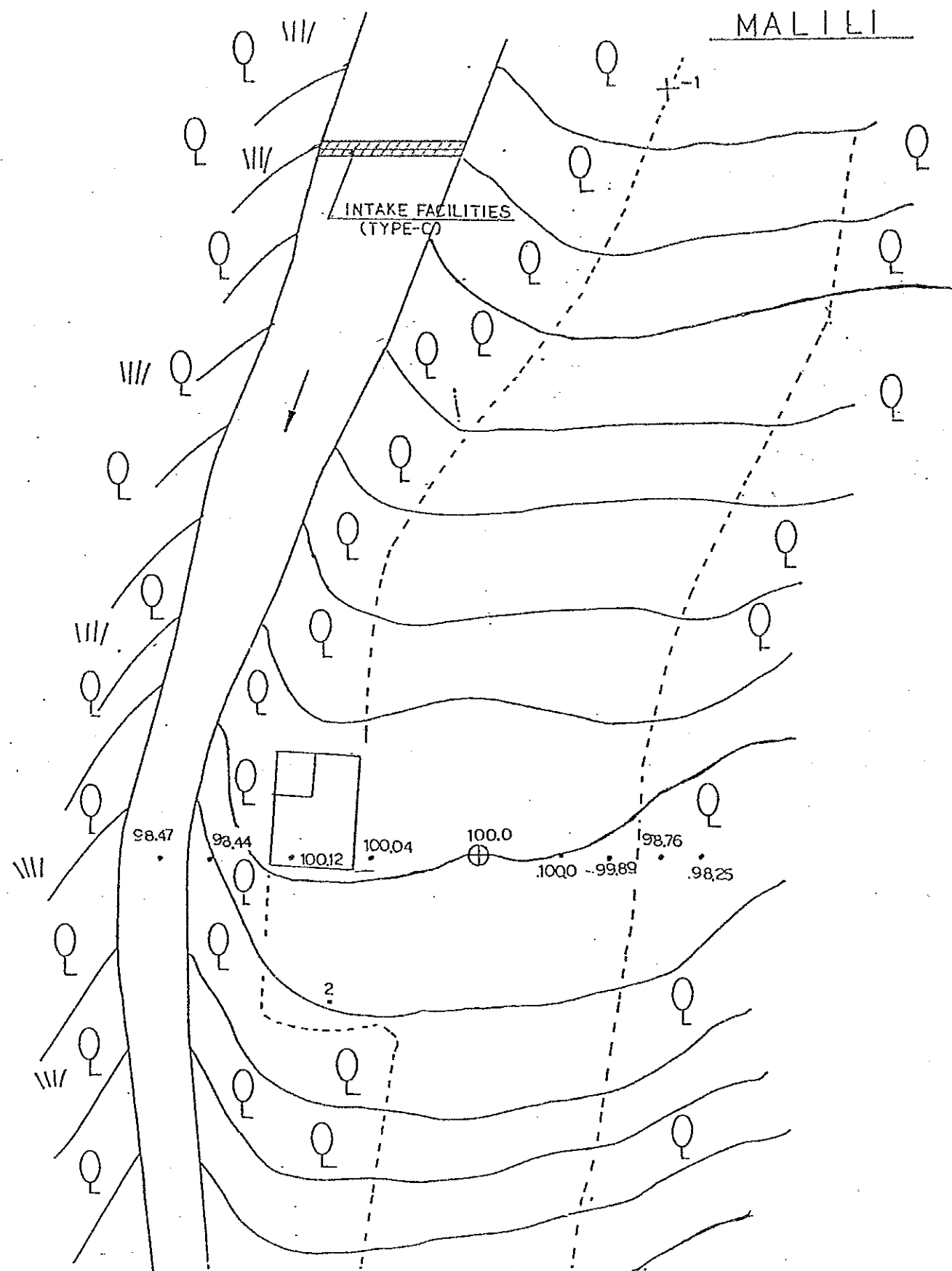
INTAKE FACILITIES  
(TYPE-A)

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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |       |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |       |                    |
| KAERO<br>WATER SOURCE  |       |                    |
| NOVEMBER<br>1990   | SCALE | DRAWING<br>NO. 111 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |       |                    |

# TIROMANDA

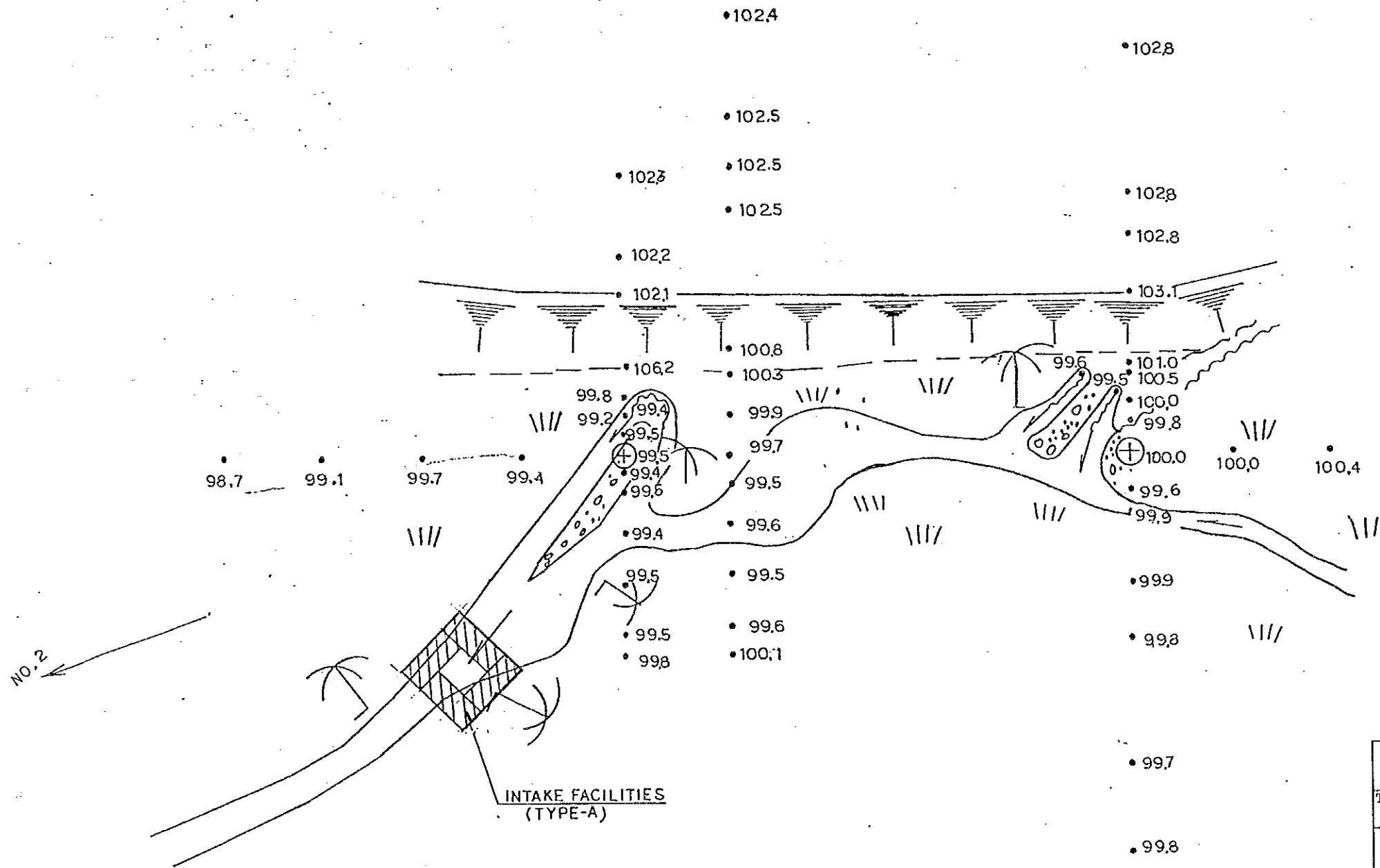


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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| TIROMANDA<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 112 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |



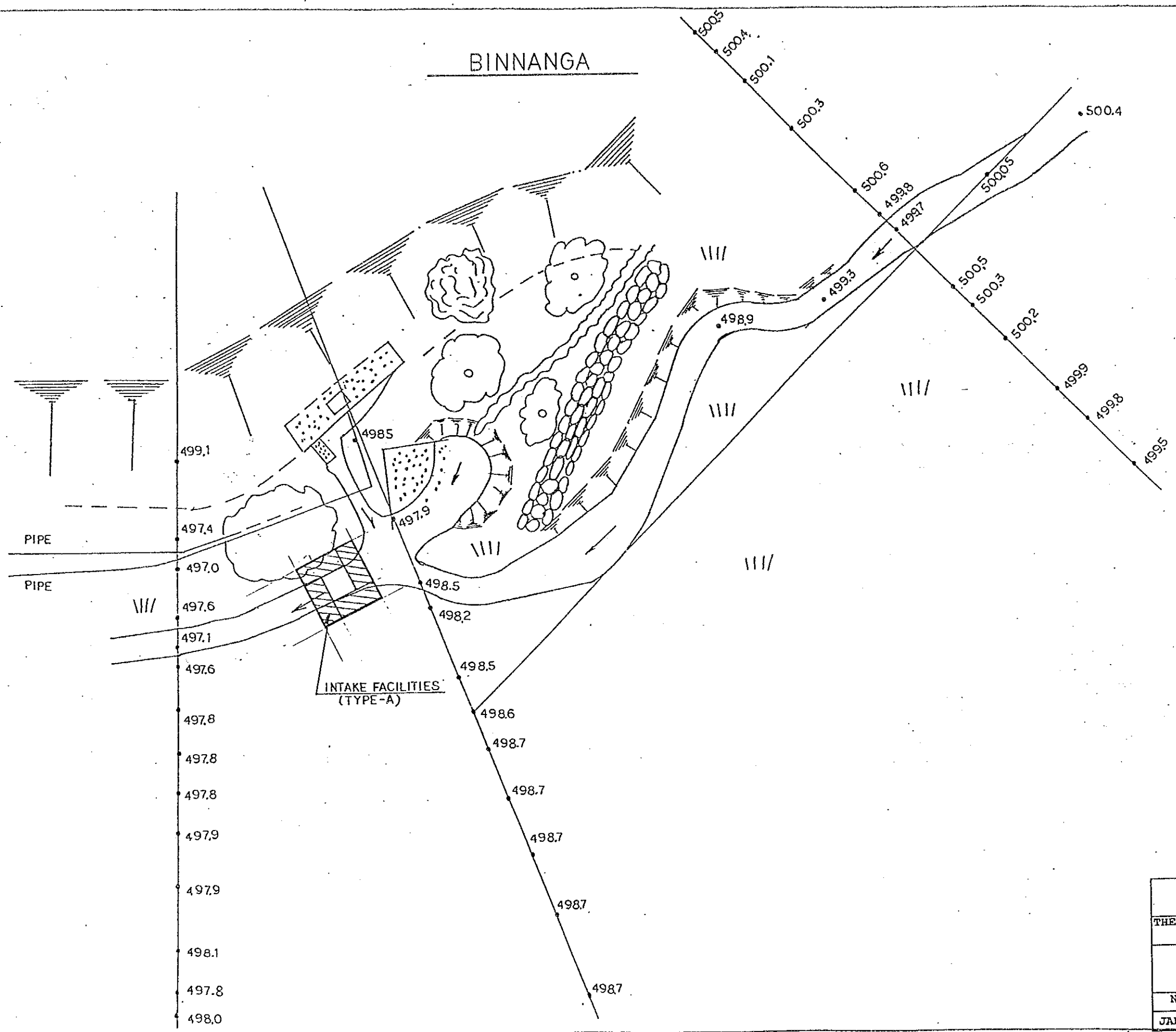
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KIRYA |       |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |       |                    |
| MALILI<br>WATER SOURCE   |       |                    |
| NOVEMBER<br>1990   | SCALE | DRAWING<br>NO. 113 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |       |                    |

# TOAYA



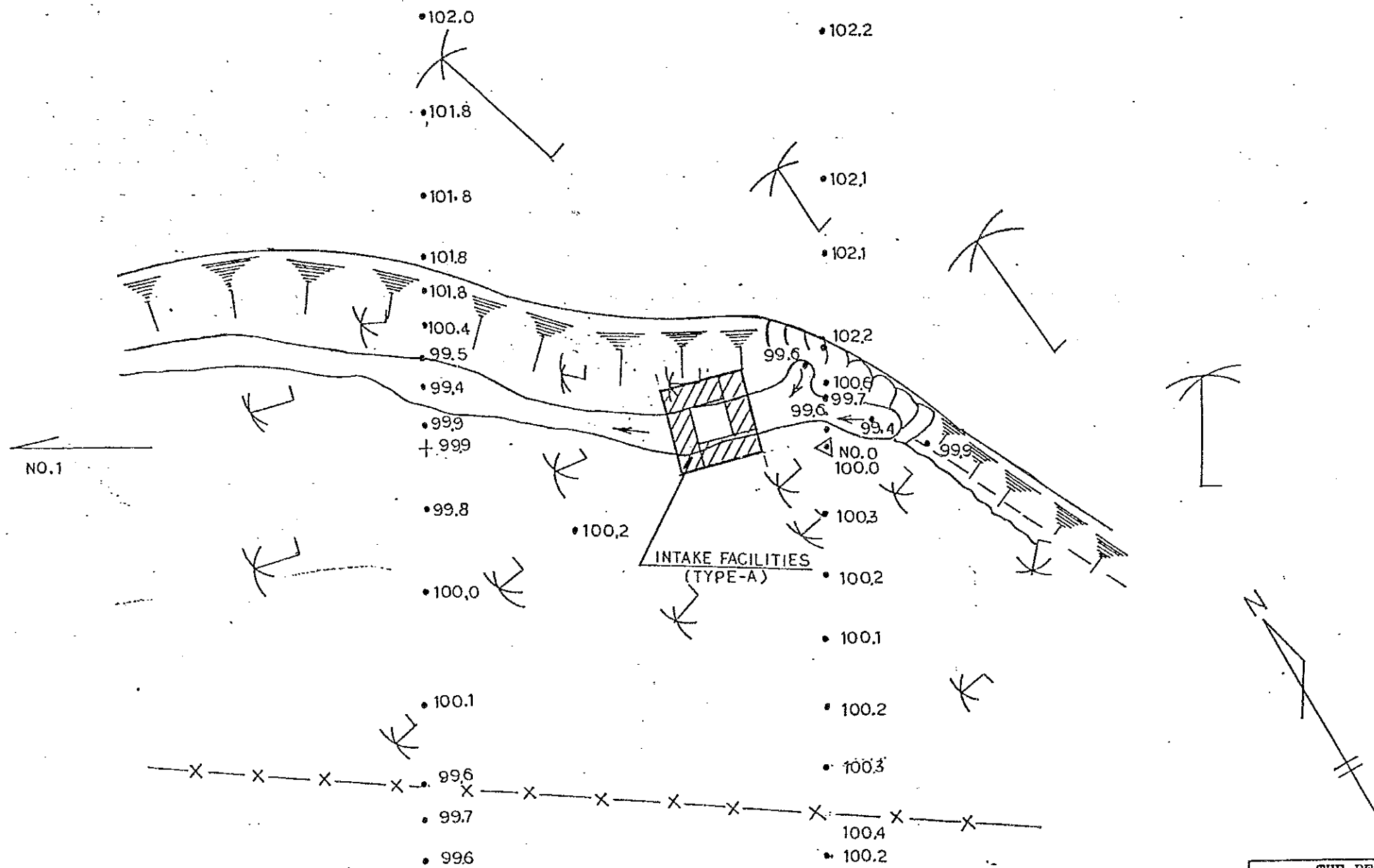
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| TOAYA<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 114 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# BINNANGA



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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA . KARYA |            |                    |
| THE PROJECT FOR RURAL/IRKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND       |            |                    |
| BINNANGA<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 115 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                                 |            |                    |

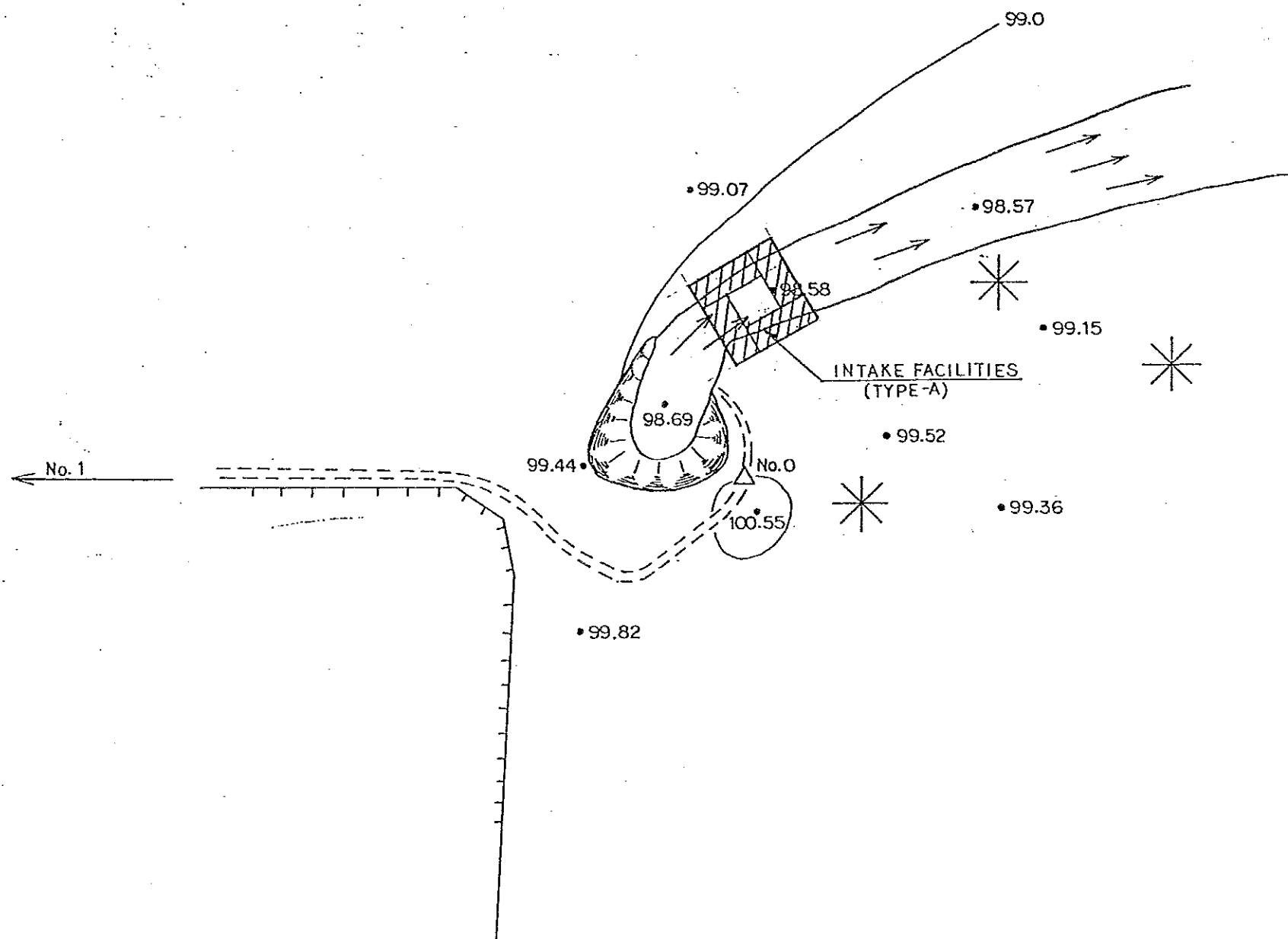
# TAWAELI



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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| TAWAELI<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 116 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

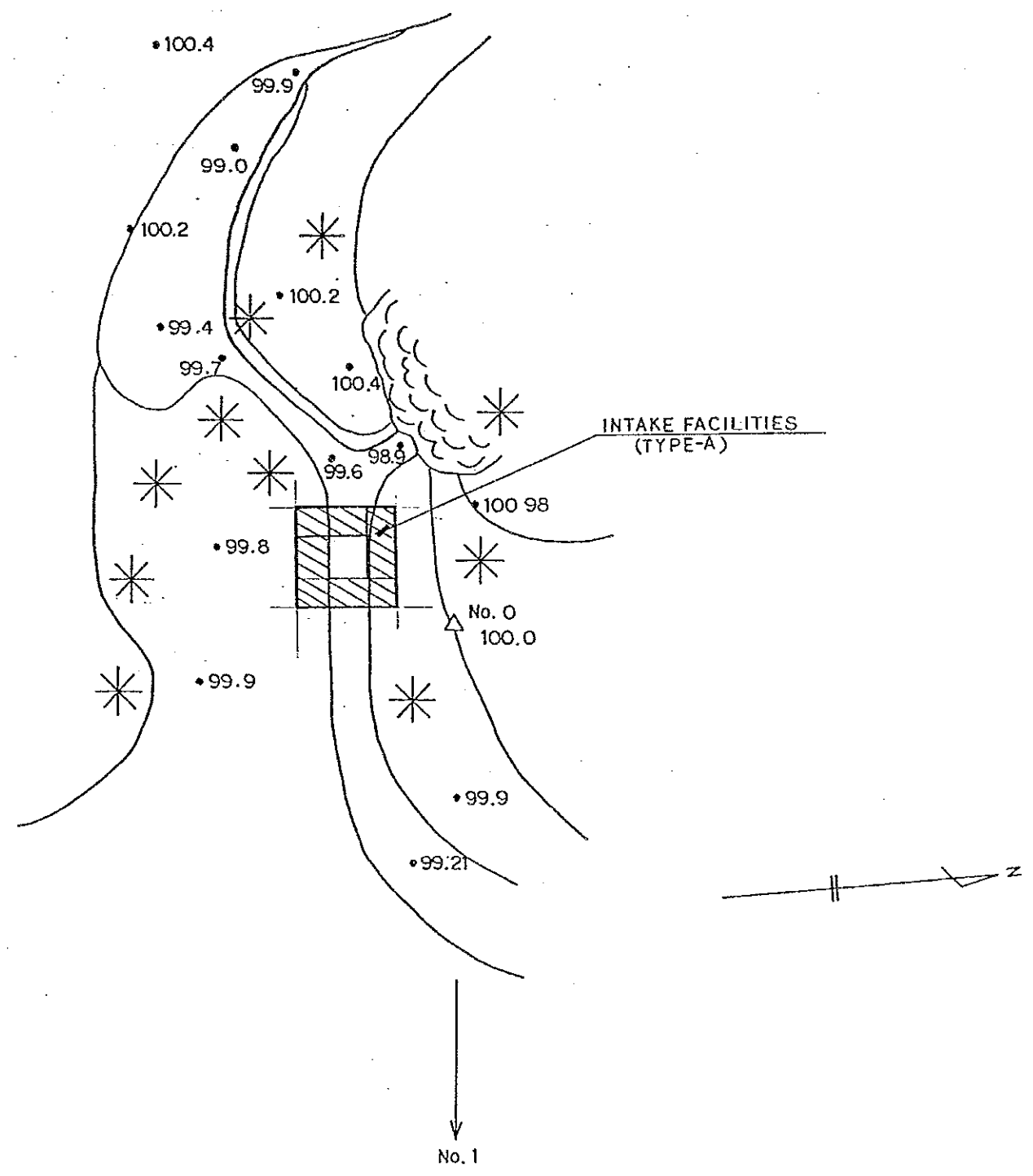


# BONEBOBAKAL



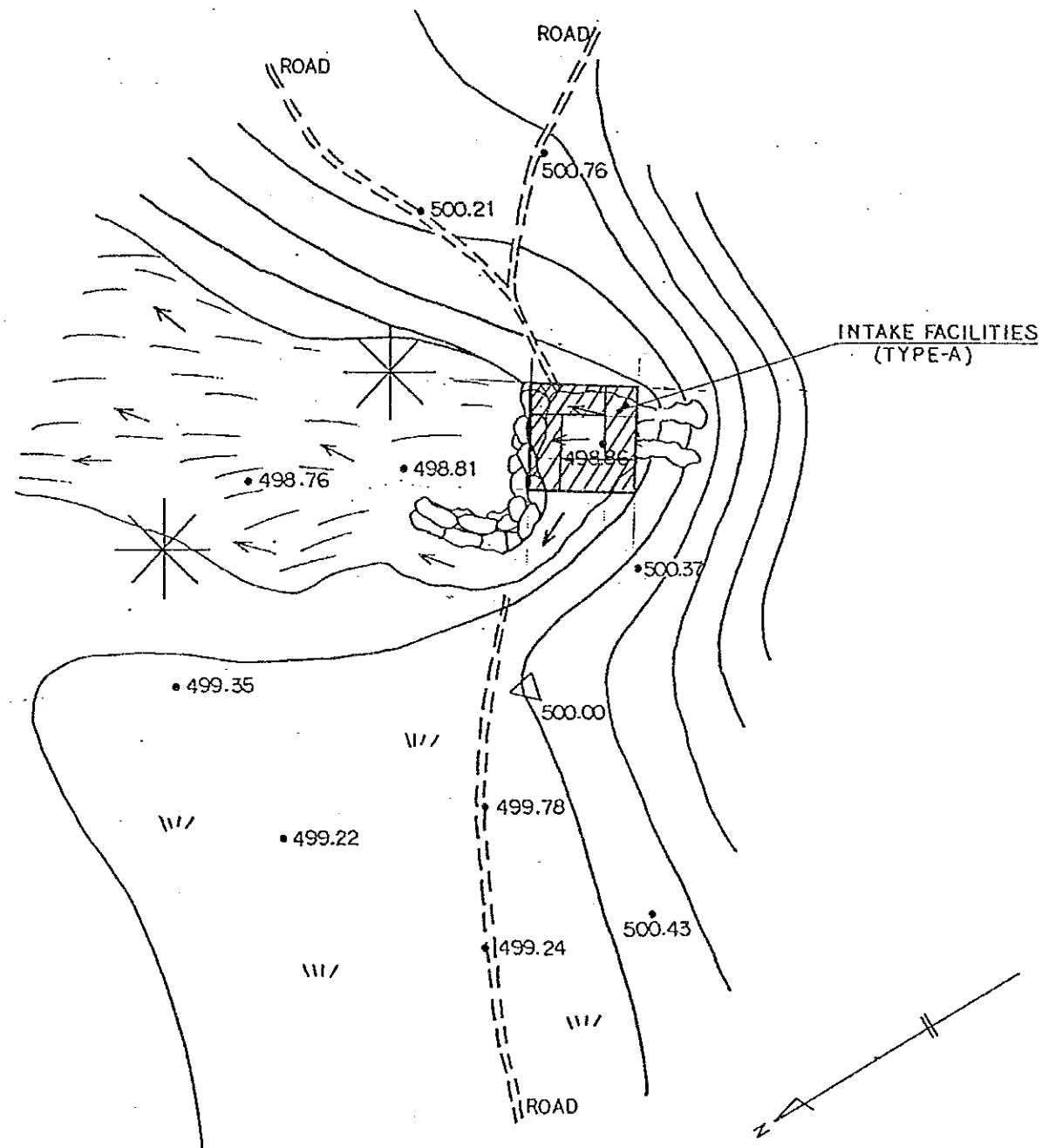
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| BONEBOBAKAL<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 117 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# SUMBIUT



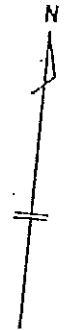
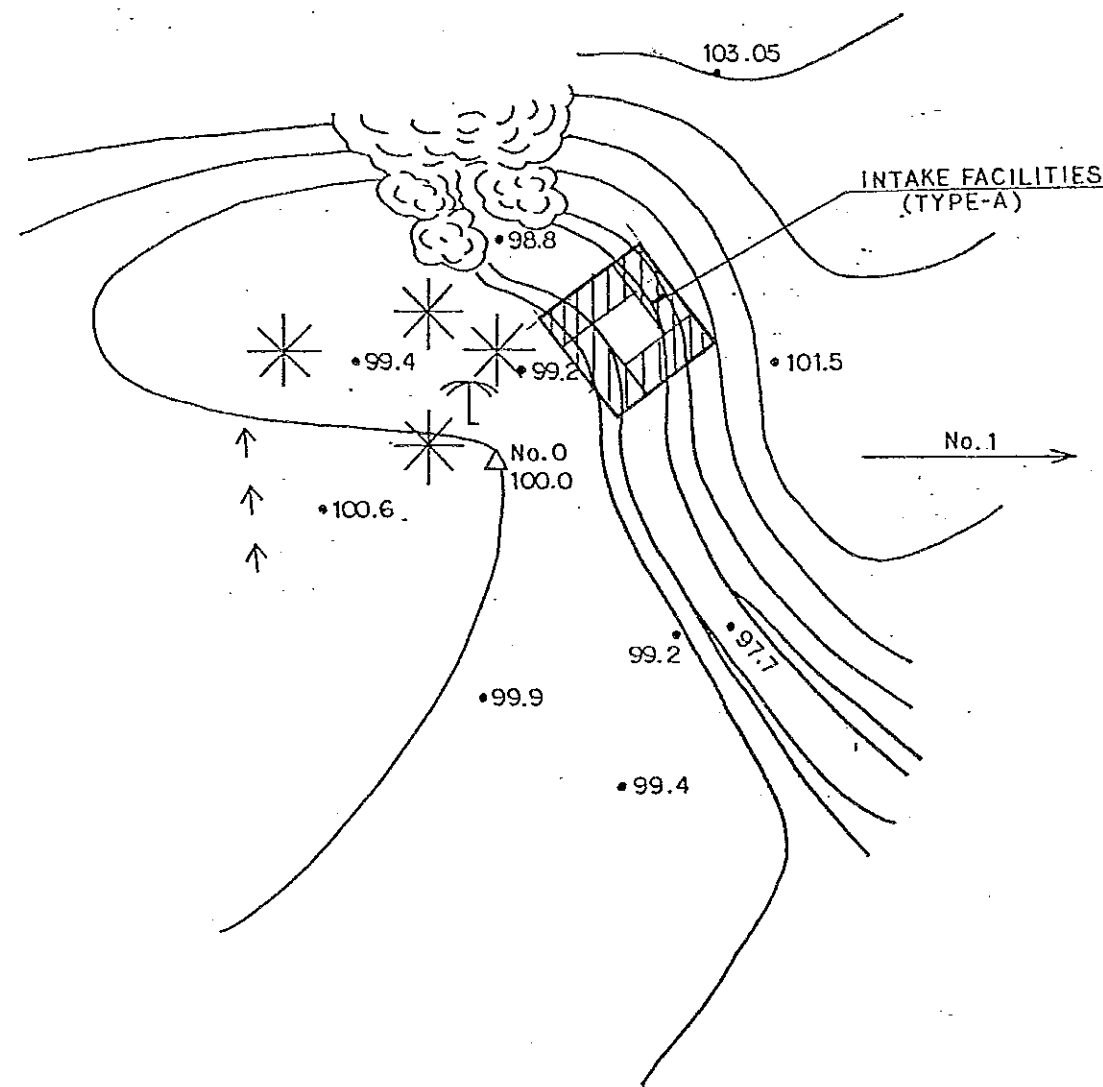
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| SUMBIUT<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 118 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# BALANTAK



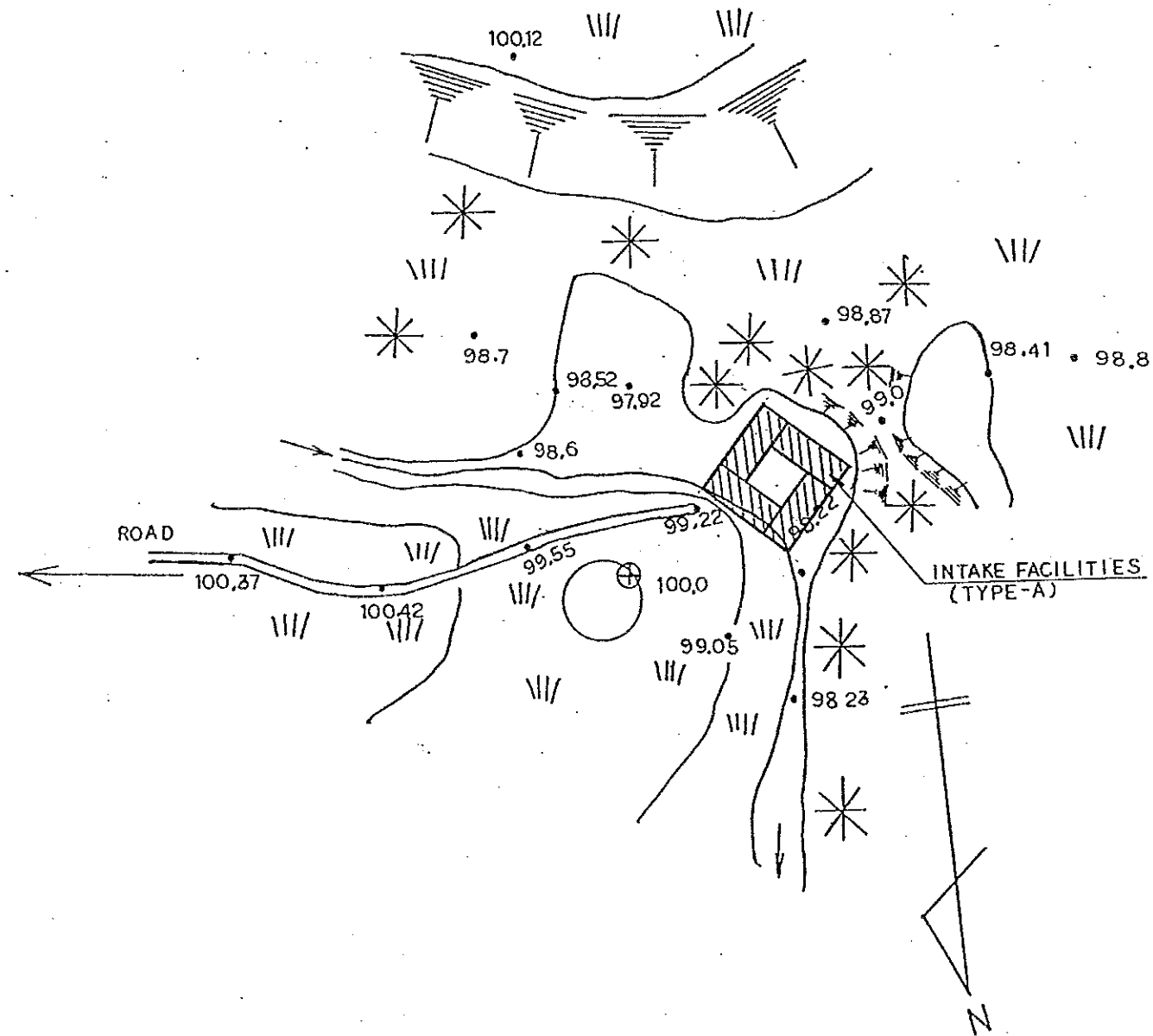
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| BALANTAK<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 119 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# LIANG



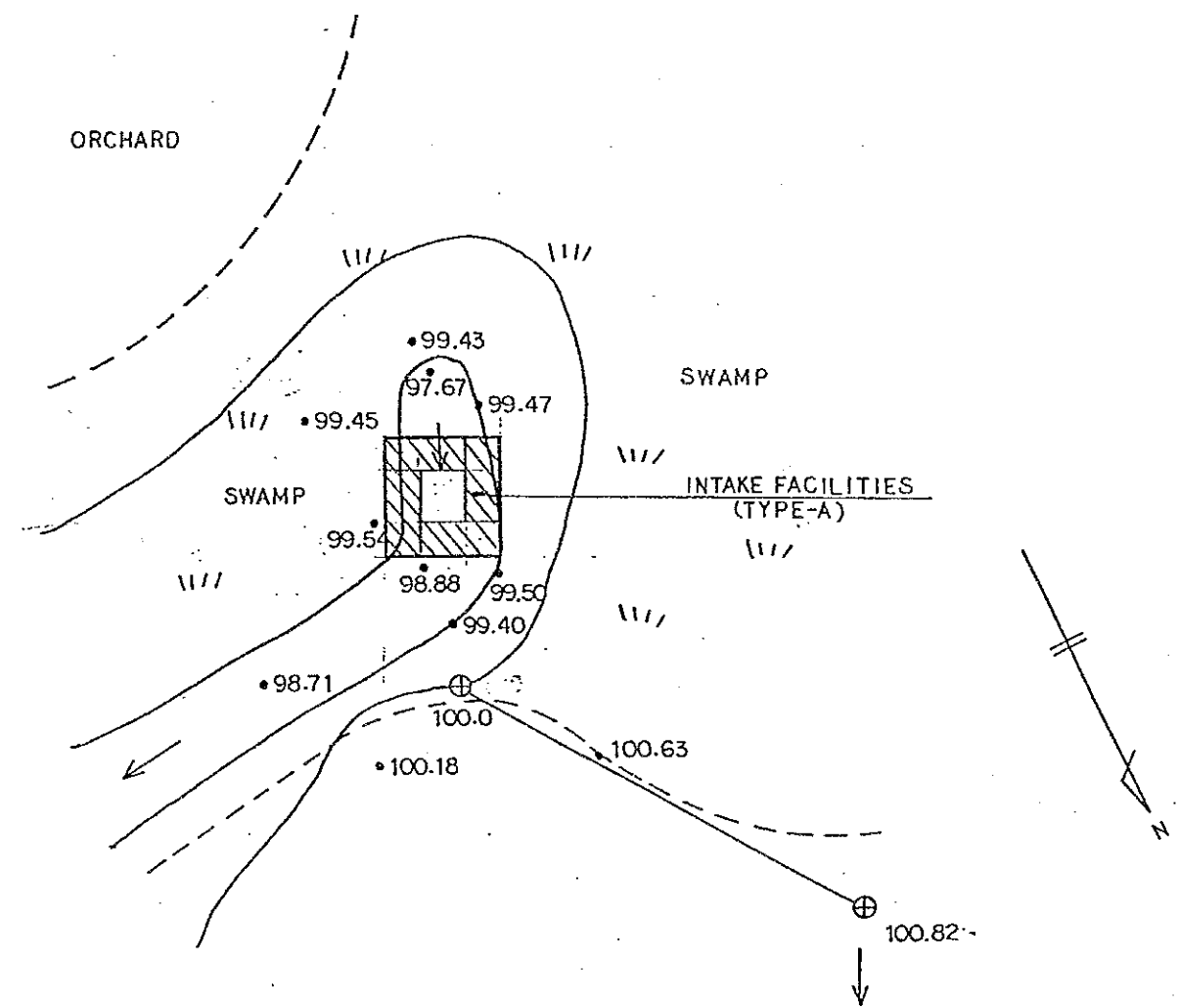
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |             |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |             |                    |
| LIANG<br>WATER SOURCE  |             |                    |
| NOVEMBER<br>1990   | SCALE<br>1/ | DRAWING<br>NO. 120 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |             |                    |

ANDONOUHU



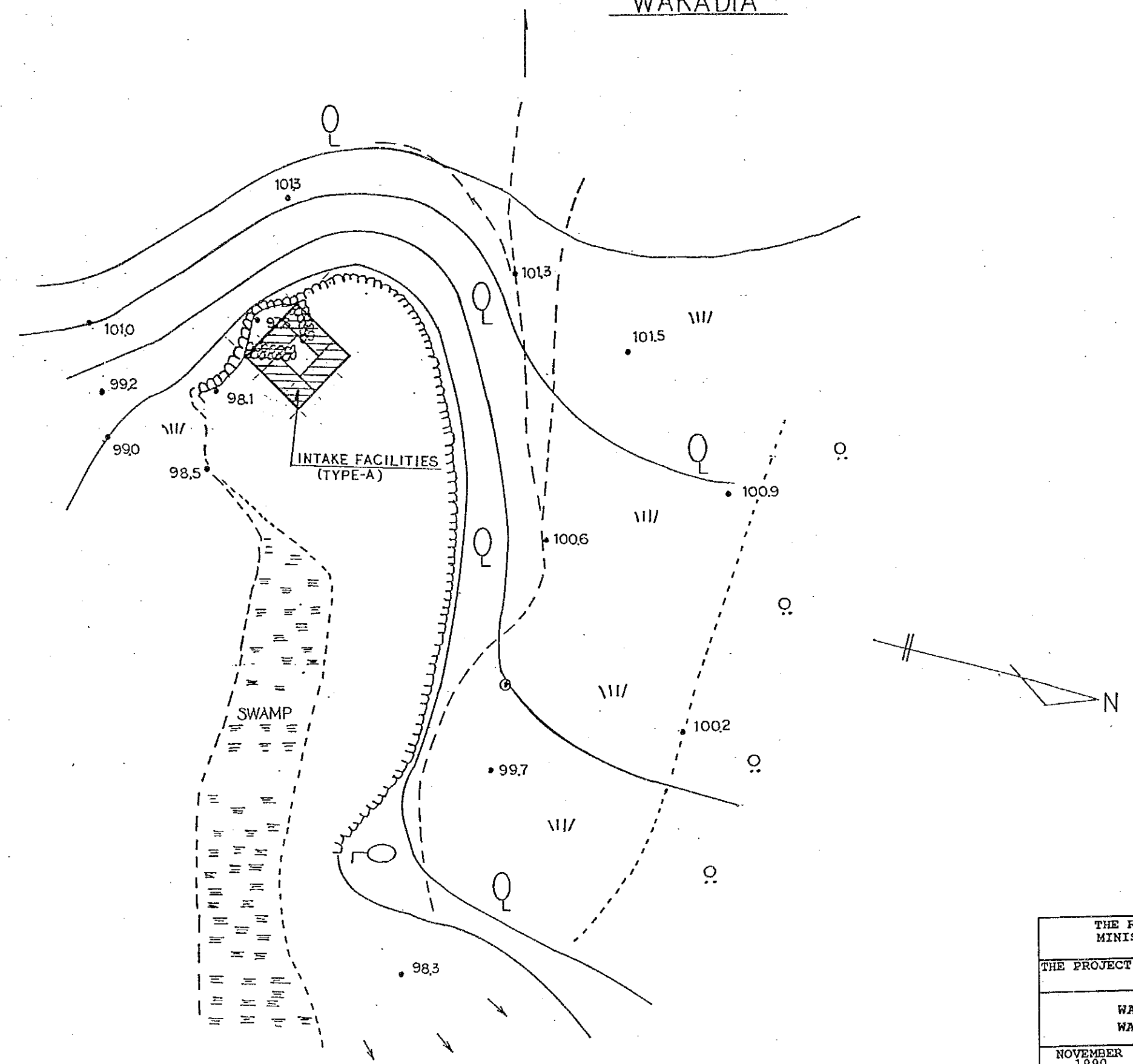
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| ANDONOUHU<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 121 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# MOWEWE



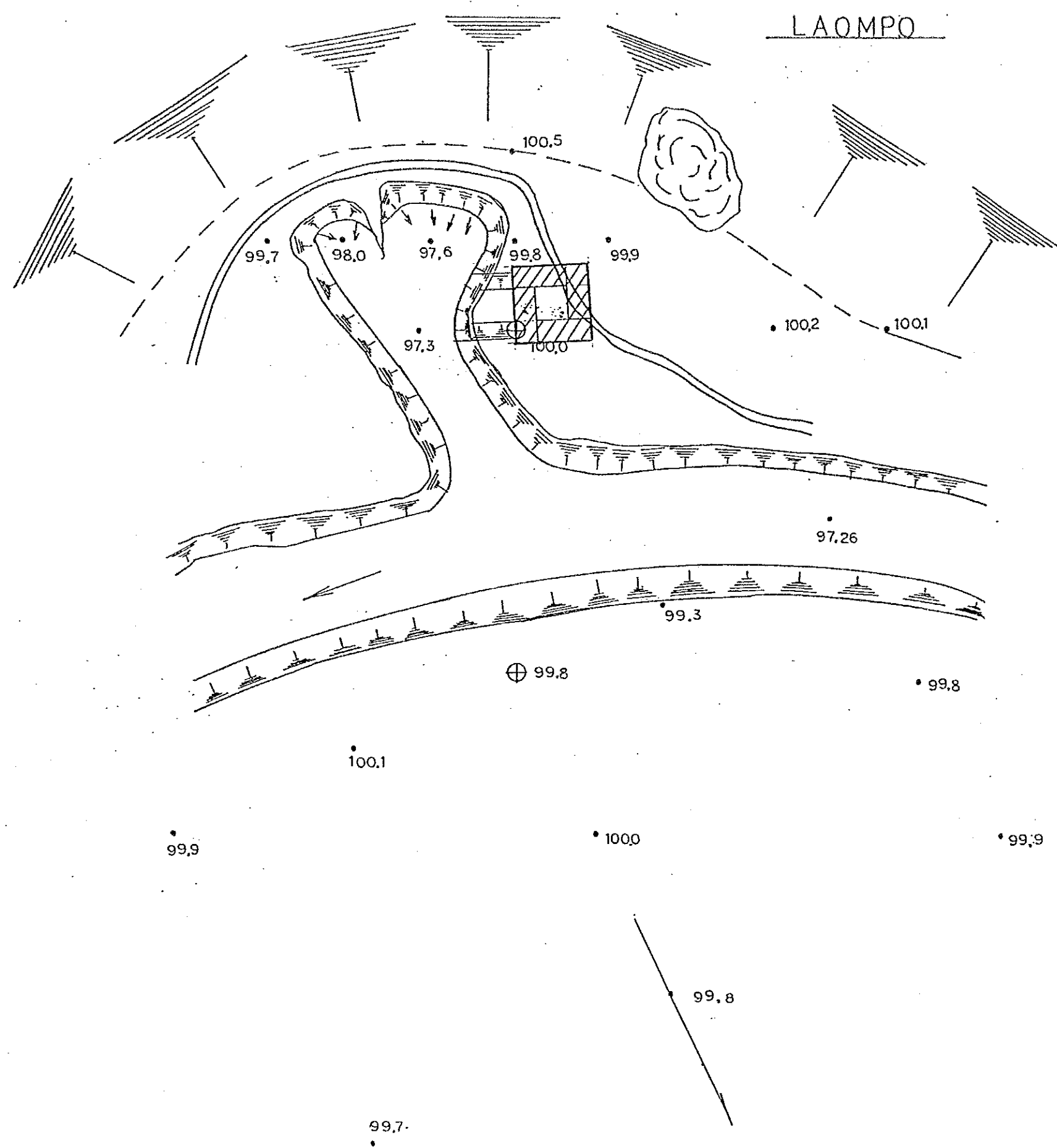
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| MOWEWE<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 122 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# WAKADIA



|  |            |                    |
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| WAKADIA<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 123 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

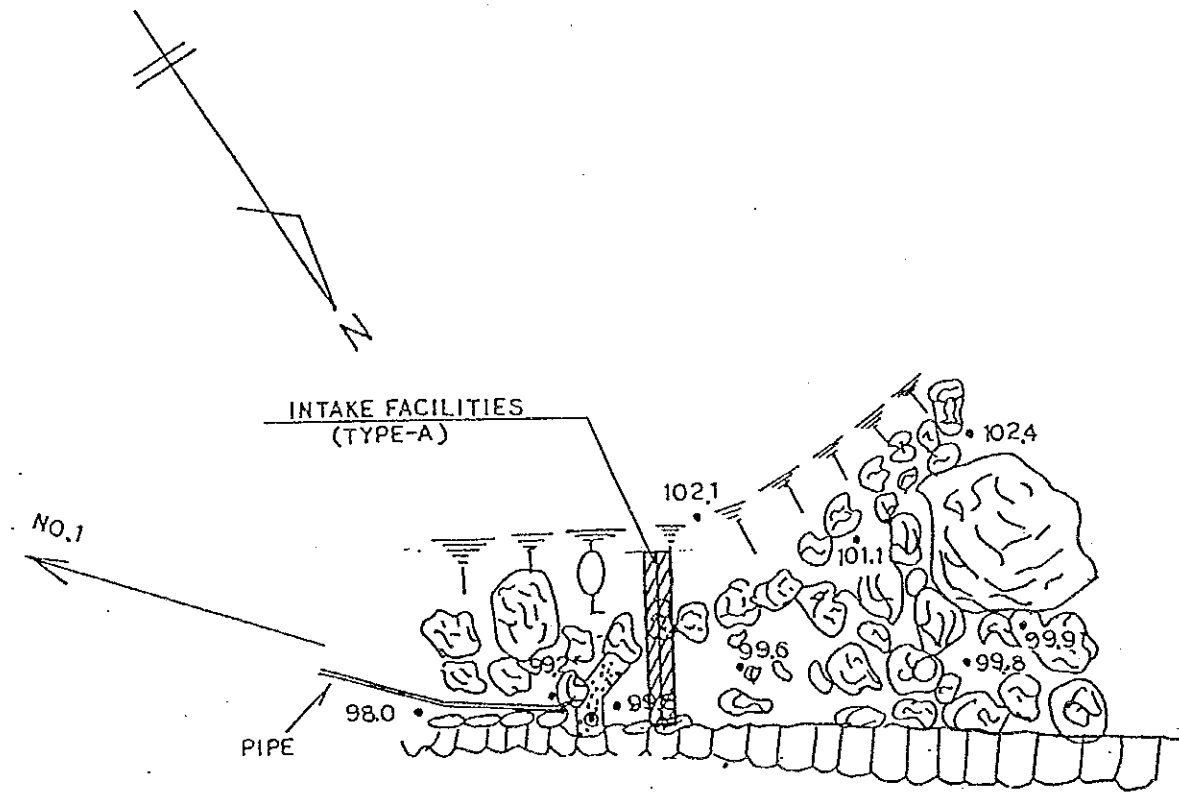
LAOMPO



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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| LAOMPO<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 124 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

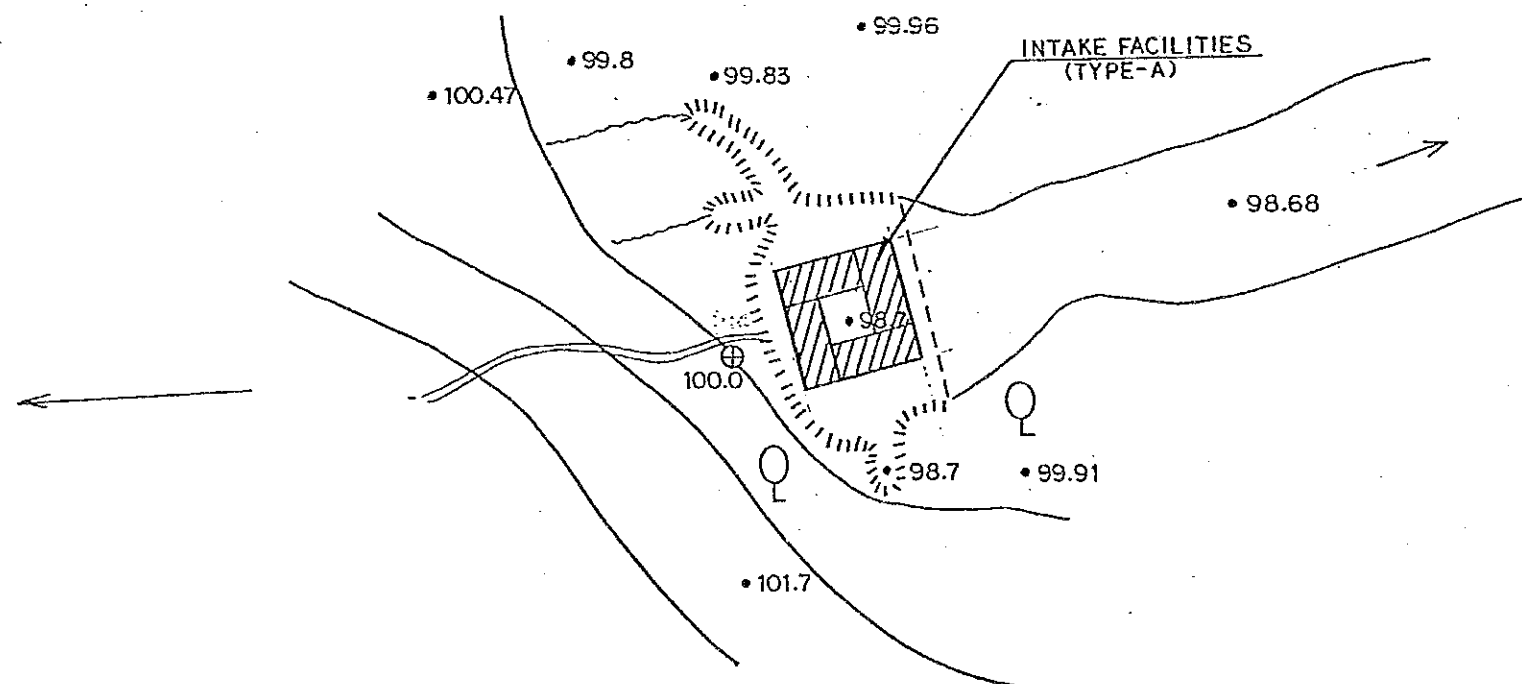


LAPUKO



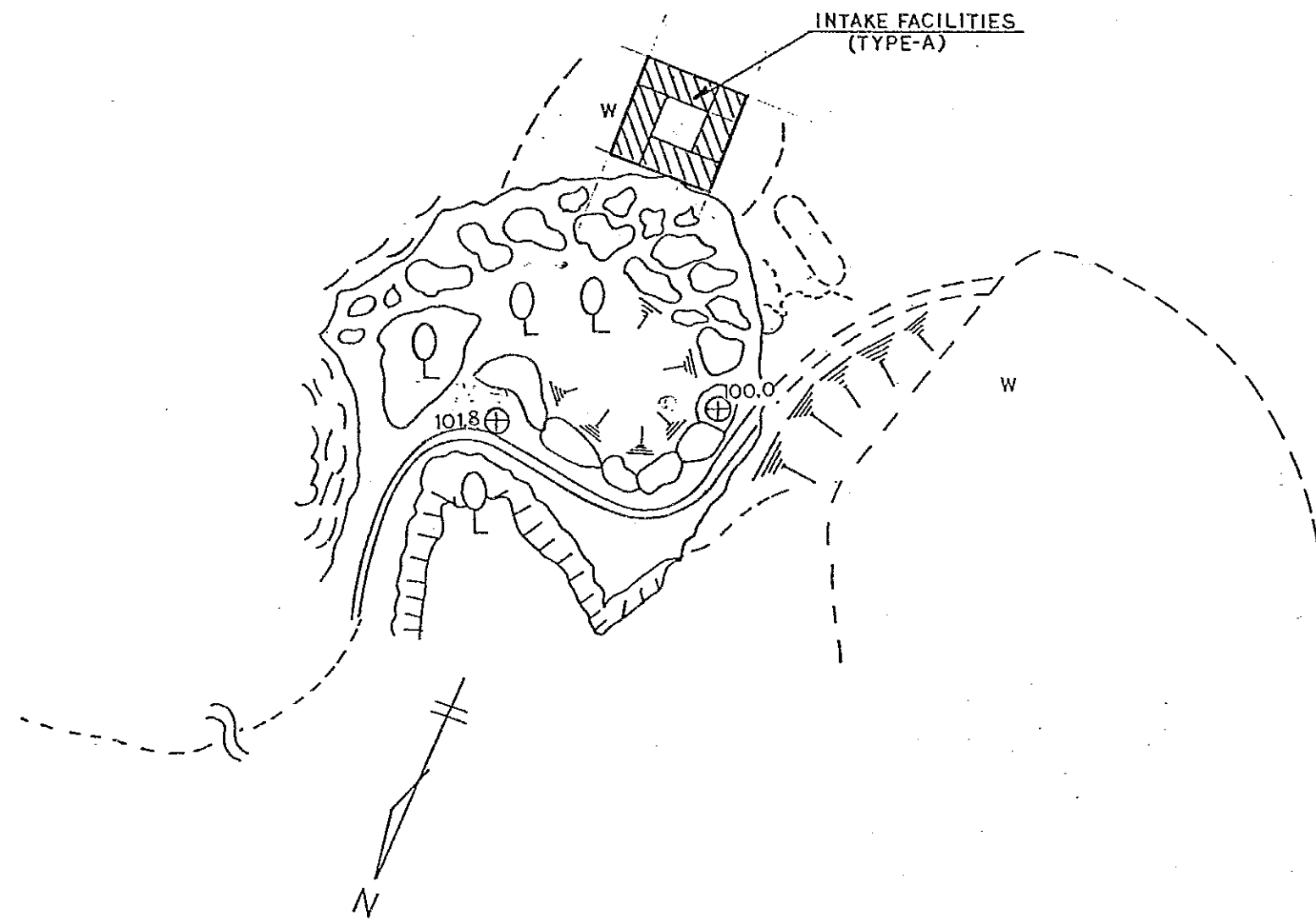
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| LAPUKO<br>WATER SOURCE   |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 125 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

# SANDANGPANGAN



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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| <b>SANDANGPANGAN<br/>WATER SOURCE</b>                                |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 126 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

TAKIMPO



|  |            |                    |
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| THE REPUBLIC OF INDONESIA<br>MINISTRY OF PUBLIC WORKS<br>CIPTA KARYA |            |                    |
| THE PROJECT FOR RURAL/IKKS WATER SUPPLY<br>IN<br>SULAWESI ISLAND     |            |                    |
| TAKIMPO<br>WATER SOURCE  |            |                    |
| NOVEMBER<br>1990   | SCALE<br>/ | DRAWING<br>NO. 127 |
| JAPAN INTERNATIONAL COOPERATION AGENCY                               |            |                    |

JICA