### 3-2-3　基本設計図

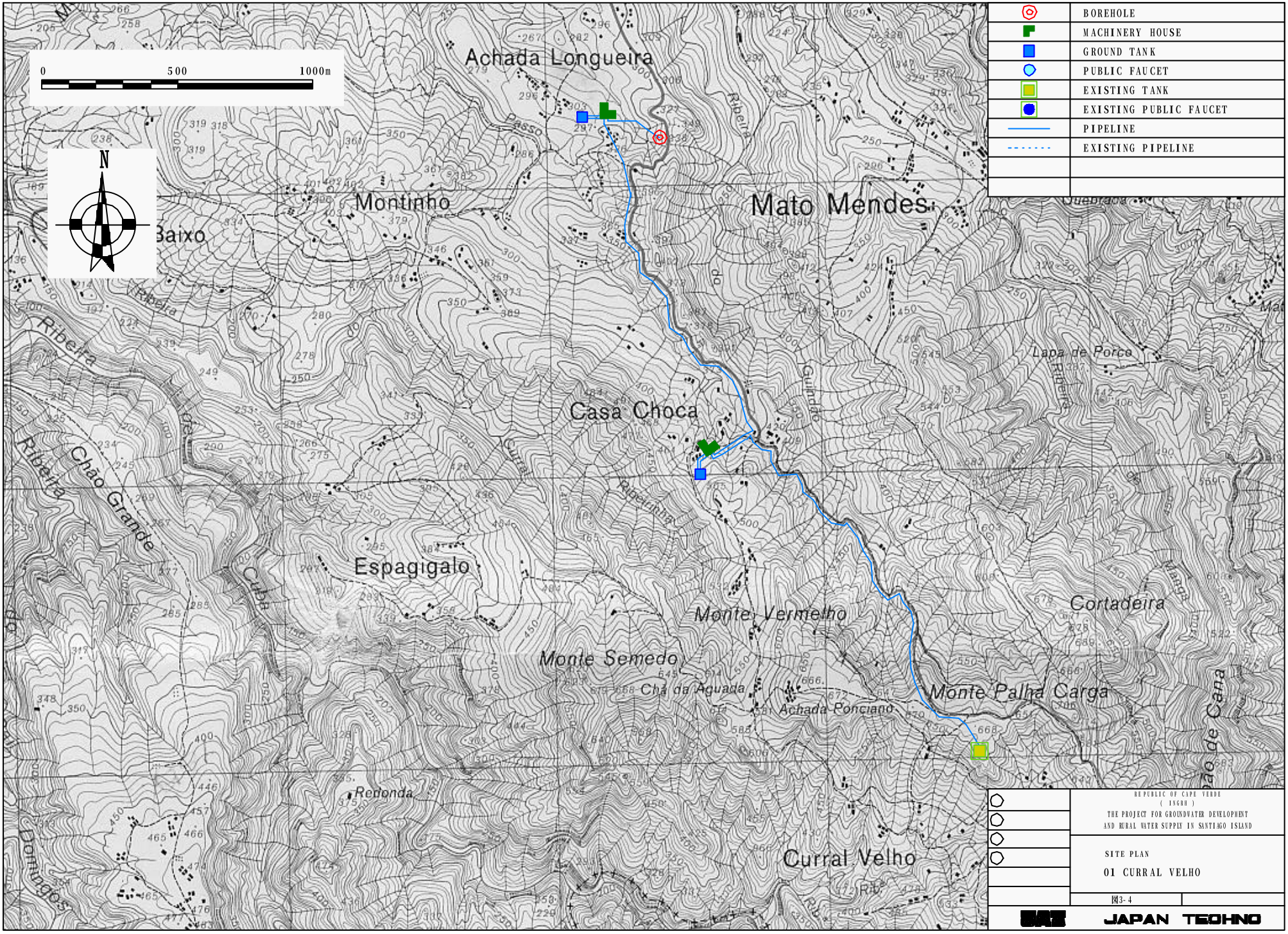
表3-14に計画対象23村落20給水システムの給水施設諸元を総括する。図3-4から図3-23に計画対象 20 給水システムの配置図、図 3-24 から図 3-27 に各給水施設図、図 3-28 から図 3-38 に各給水システム図を示す。

# 表 3-14　給水計画

## 計画対象 23 サイト（20 給水システム）

| 郡名 | 番号 | 村落名 | 人口（センサス） | | 給水量（L/日） | | 水源 | | 機械室 | ポンプ | | | 発電機 | 稼動時間 | 水槽 | | 既存公共水栓 | | 新規公共水栓 | | 送・配水管 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2000 年 | 2010 年 | 日平均 | 日最大 | タイプ | 井戸深度 | （棟） | 揚水量 | 全揚程 | 出力 | | | 既存 | 新規 | 水槽 | 独立型 | 水槽 | 独立型 | |
| | | | （人） | （人） | | | | （m） | | （L/mi） | （m） | （kw） | （KVA） | （h） | （m³） | （m³） | 一体型 | | 一体型 | | （m） |
| ﾀﾗﾌｧﾙ | 1 | Curral Velho | 1,094 | 1,257 | 8,340 | 10,900 | 深井戸 | 270 | 2 | 105 | 320 | 11.0 | 30 | 6 | | 20 | | | 1 | | 4120 |
| | | | | | 8,320 | 10,900 | | | | 70 | 230 | 5.5 | | 6 | | 20 | | | 1 | | |
| | | | | | 8,480 | 11,100 | | | | 35 | 300 | 3.7 | 10 | 6 | 30 | | 1 | | | | |
| ｻﾝﾐｹﾞﾙ | 3 | Chã de Ponta | 527 | 606 | 12,120 | 15,800 | 深井戸 | 70 | 1 | 45 | 310 | 7.5 | 20 | 6 | | 20 | | | 1 | 1 | 933 |
| ｻﾝﾀｶﾀﾘﾅ | 7 | Boa Entradinha | 528 | 607 | 12,140 | 15,800 | 深井戸 | 60 | 1 | 45 | 240 | 3.7 | 10 | 6 | 80+25 | | 2 | | | | 1,731 |
| | 8 | Bombardeiro | 1,040 | 1,195 | 23,900 | 31,200 | 深井戸 | 110 | 1 | 90 | 180 | 5.5 | 15 | 6 | 30 | 20 | 1 | | 1 | 3 | 2,478 |
| | 10 | Entre Picos de Reda | 823 | 946 | 18,920 | 24,600 | 既存 | － | 1 | 70 | 300 | 4.0+3.0 | 20 | 6 | 30 | | 1 | | | 1 | 5,021 |
| | 11･15 | Pata Brava･Covão Grande | 224+392 | 257+450 | 14,140 | 18,400 | 深井戸 | 100 | 1 | 55 | 260 | 5.5 | 15 | 6 | 50 | 20 | 1 | | 1 | 1 | 2,778 |
| | 13 | Ribeira da Barca | 2,089 | 2,401 | 18,620 | 24,300 | 既存 | － | 1 | 70 | 230 | 4.0+3.0 | 20 | 6 | 20+40 | 20 | | 2 | | 2 | 2,045 |
| | 17 | Leitãozinho | 484 | 556 | 11,120 | 14,600 | 深井戸 | 90 | 1 | 45 | 250 | 3.7 | 10 | 6 | 20+50 | | 1 | 1 | | | 1,026 |
| ｻﾝﾀｸﾙｽﾞ | 18 | Ribeirão Almaço | 152 | 175 | 3,500 | 4,600 | 深井戸 | 90 | 1 | 15 | 100 | 1.1 | 10 | 6 | 18 | | 1 | | | 1 | 1,666 |
| | 19･21 | Achada Costa･Levada | 291+207 | 334+238 | 11,440 | 14,900 | 深井戸 | 150 | 1 | 45 | 340 | 7.5 | 20 | 6 | 50+15+45 | | | 3 | | | 2,285 |
| | 20 | Fundura　* | | | | | 失敗井 | 250 | | | | | | | | | | | | | |
| ｻﾝﾄﾞﾐﾝｺﾞ | 24 | Achada Mitra | 233 | 268 | 5,360 | 7,000 | 深井戸 | 180 | 1 | 20 | 240 | 2.2 | 10 | 6 | 30+30 | | 1 | 1 | | | 1,759 |
| | 25･28 | Banana Mato Afonso | 641+345 | 737+396 | 22,660 | 29,600 | 深井戸 | 130 | 1 | 85 | 200 | 5.5 | 15 | 6 | 30+50+60 | | | 4 | | 1 | 2,475 |
| | 26 | Dacabalaio　* | 500 | 575 | 11,500 | 15,000 | 深井戸 | 216 | 1 | 45 | 400 | 7.5 | 20 | 6 | 25 | | 1 | | | 2 | 2,757 |
| | 27 | Fonte Almeida | 684 | 786 | 15,720 | 20,500 | 深井戸 | 200 | 1 | 60 | 250 | 5.5 | 15 | 6 | 30 | 20 | | 1 | 1 | 1 | 2,910 |
| | 29 | Po de Saco | 179 | 206 | 4,120 | 5,400 | 深井戸 | 150 | 1 | 15 | 280 | 2.2 | 10 | 6 | 40 | | 1 | | | | 1,318 |
| | 30 | Rui Vaz　* | 1,047 | 1,203 | 24,060 | 31,400 | 深井戸 | 258 | 1 | 65 | 280 | 5.5 | 15 | 8 | 60+30+50 | | | 2 | | 4 | 5,503 |
| ﾌﾟﾗｲｱ | 31 | São Tomé | 188 | 216 | 4,320 | 5,700 | 深井戸 | 60 | 1 | 20 | 130 | 1.1 | 10 | 6 | 40 | | | 1 | | | 2,134 |
| | 32 | Belém | 473 | 544 | 10,880 | 14,200 | 深井戸 | 120 | 1 | 40 | 240 | 3.7 | 10 | 6 | | 20 | | | | 2 | 2,162 |
| | 33 | Santana | 985 | 1,132 | 22,640 | 29,500 | 湧水 | － | 1 | 85 | 220 | 5.5 | 15 | 6 | | 20+20 | | | | 4 | 2,811 |
| | 34 | Tronco　* | 177 | 203 | 4,060 | 5,300 | 深井戸 | 142 | 1 | 15 | 246 | 3.7 | 10 | 6 | | 20 | | | | 2 | 1,199 |
| 合　計 | | | 13,303 | 15,288 | | | 深井戸：17<br>既存：2<br>湧水：1 | | 21 | | | | 21 | | | 11 | | | | 25 | 49,111 |

＊　試掘実施４サイト（2003 年）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Achada Ponciano
Monte Palha Carga
Cortadeira
Lapa de Porca
Curral Velho
Redonda
Ribeira
Chão Grande
Cuba
Domingos
BOREHOLE
MACHINERY HOUSE
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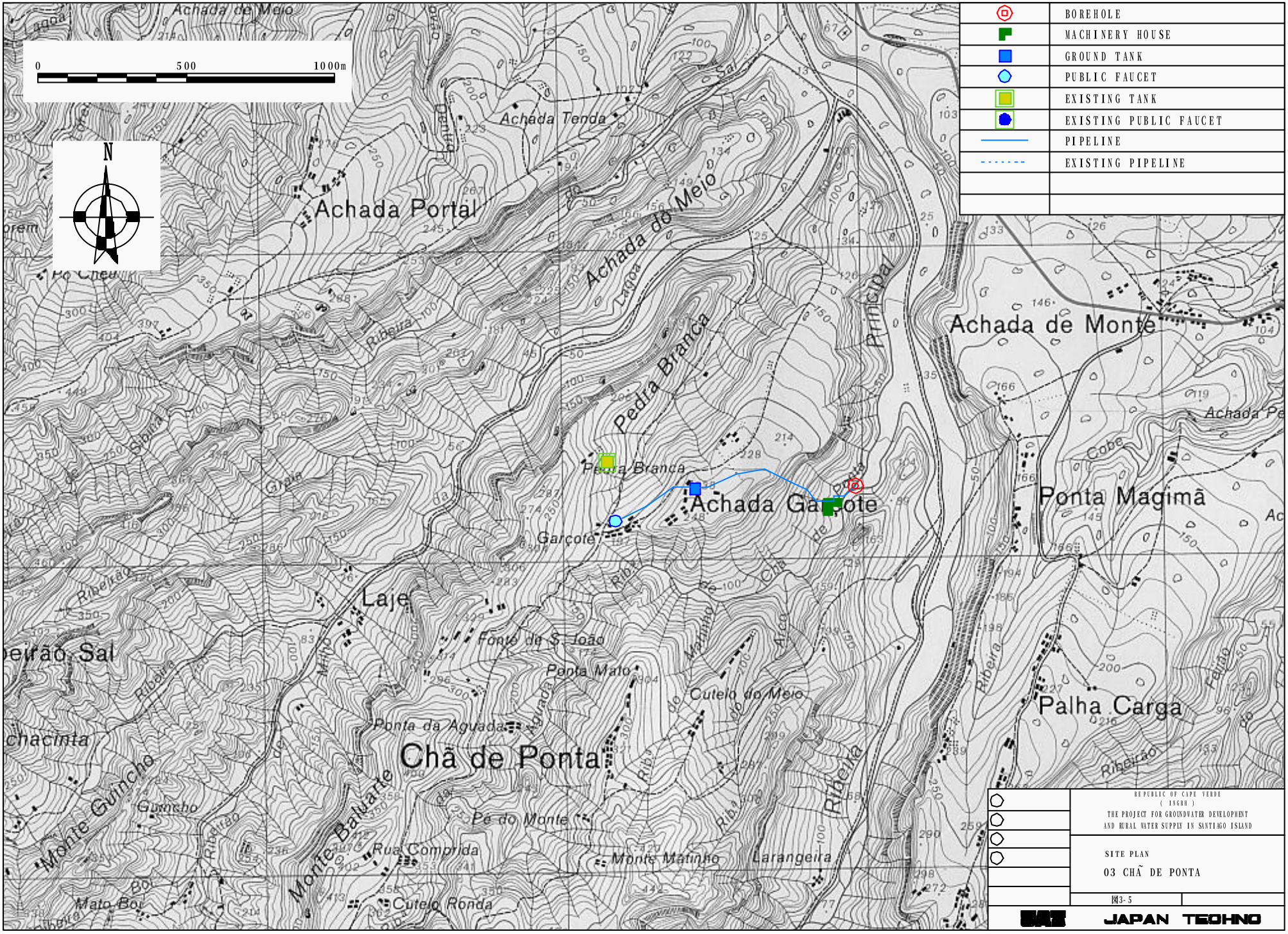
EXISTING TANK
EXISTING PUBLIC FAUCET
PIPELINE
EXISTING PIPELINE
REPUBLIC OF CAPE VERDE
( INGRH )
THE PROJECT FOR GROUNDWATER DEVELOPMENT
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
01 CURRAL VELHO
図3-4
JAPAN TECHNO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Achada do Meio
Achada Tenda
Achada de Monte
Pedra Branca
Achada Garçote
Garçote
Ponta Magimã
Laje
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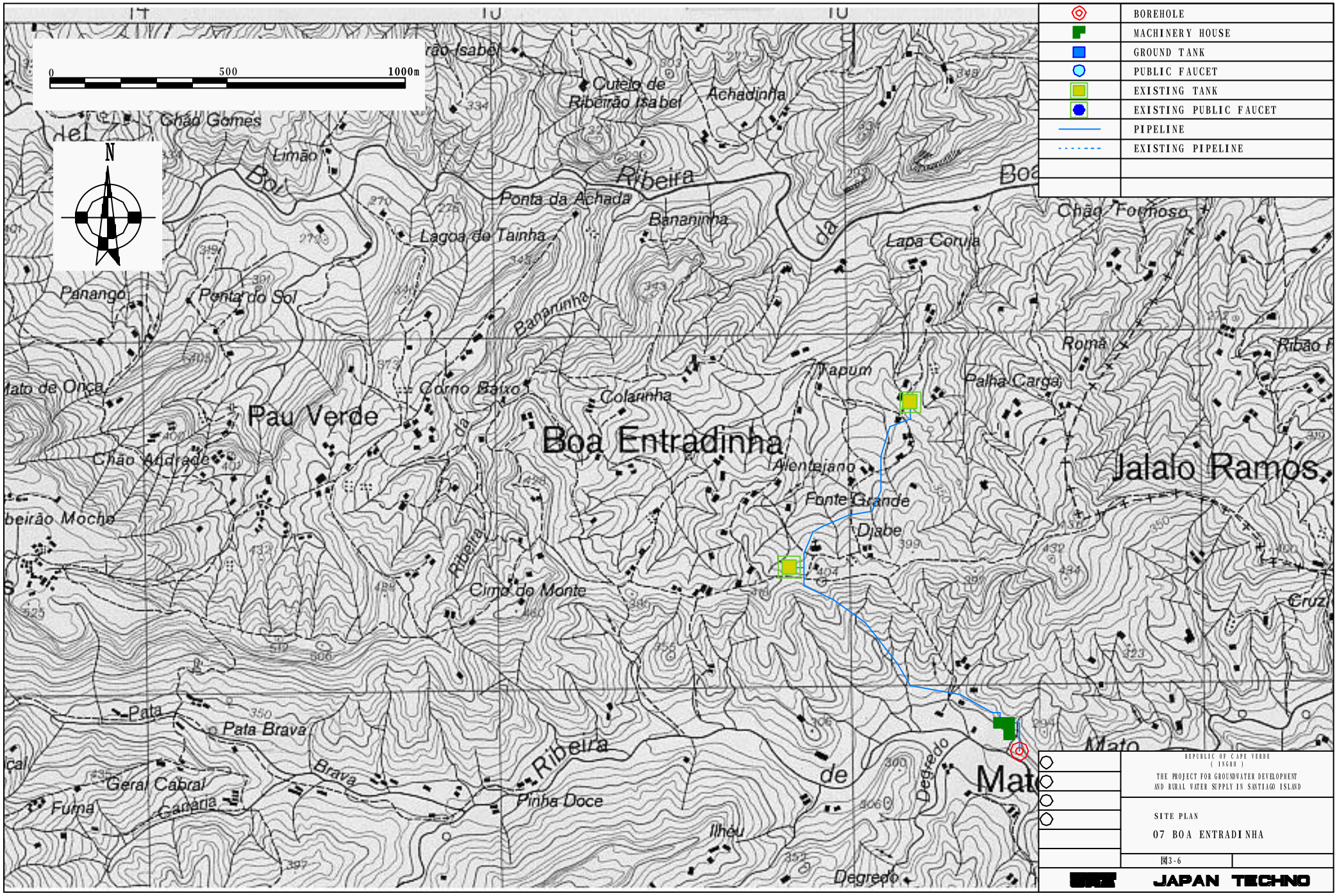
Ponta Malo
Cutelo do Meio
Palha Carga
Ponta da Aguada
Chã de Ponta
Pé do Monte
Rua Comprida
Monte Matinho
Larangeira
Cutelo Ronda
Monte Guincho
Monte Baluarte
Mato Boi
Principal
Ribeira
Ribeirão
REPUBLIC OF CAPE VERDE
( INGRH )
THE PROJECT FOR GROUNDWATER DEVELOPMENT
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
03 CHÃ DE PONTA
図3-5
JAPAN TECHNO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Limão
Cutelo de Ribeirão Isabel
Achadinha
Ribeira
Ponta da Achada
Bananinha
Lagoa de Tainha
Lapa Coruja
Chão Formoso
Panango
Ponta do Sol
Romã
Tapum
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Colarinha
Pau Verde
Boa Entradinha
Chão Andrade
Alentejano
Jalalo Ramos
Fonte Grande
Djabe
Ribeira
Cima do Monte
Cruz
Pata
Pata Brava
Ribeira
de
Degredo
Mat
Geral Cabral
Brava
Pinha Doce
Fuma
Ganária
Ilhéu
Degredo
REPUBLIC OF CAPE VERDE
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THE PROJECT FOR GROUNDWATER DEVELOPMENT
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
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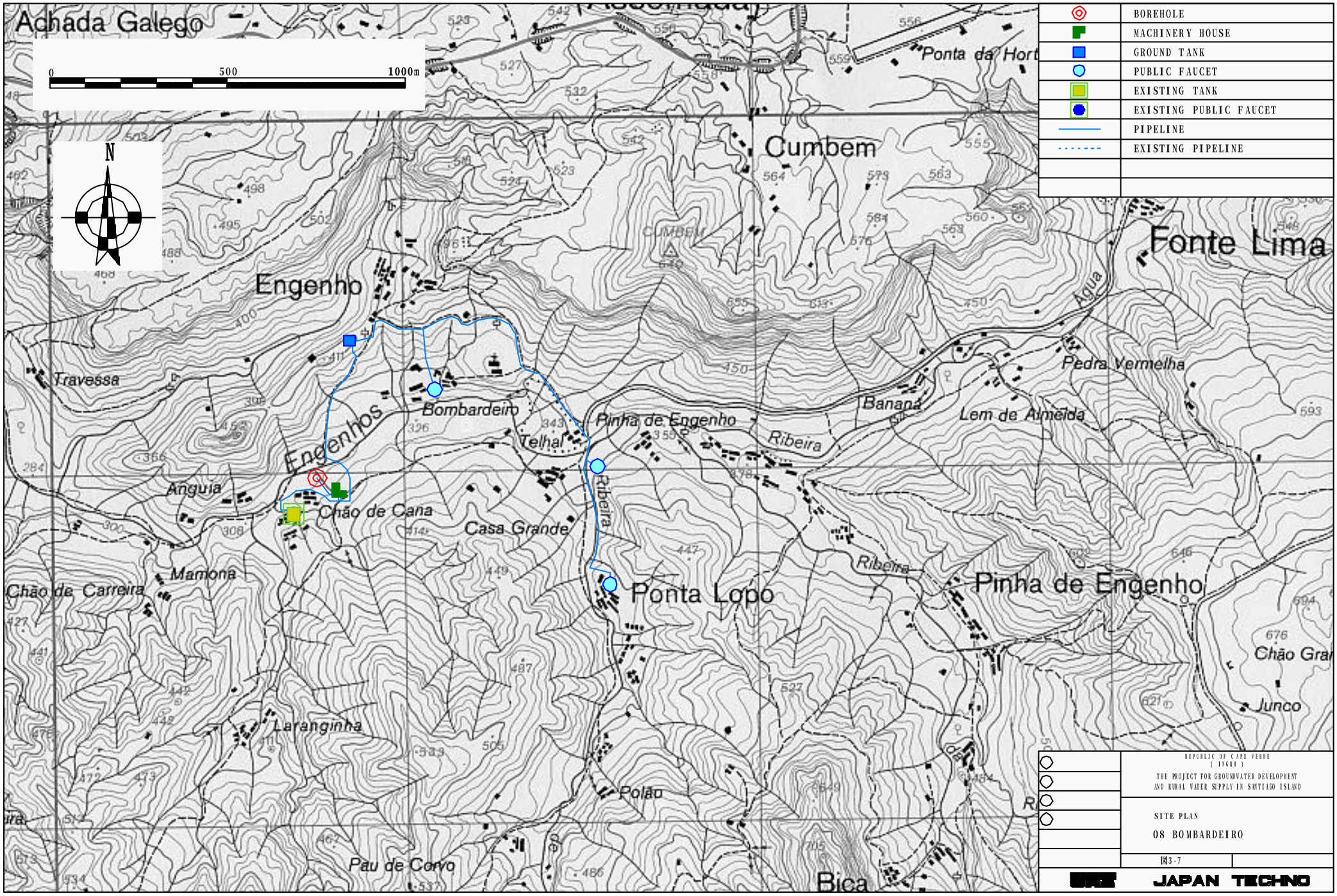
07 BOA ENTRADINHA
図3-6
JAPAN TECHNO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Banana
Lem de Almeida
Pedra Vermelha
Água
Anguia
Chão de Cana
Casa Grande
Mamona
Chão de Carreira
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Chão Gra
Junco
Laranginha
Polão
Pau de Corvo
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MACHINERY HOUSE
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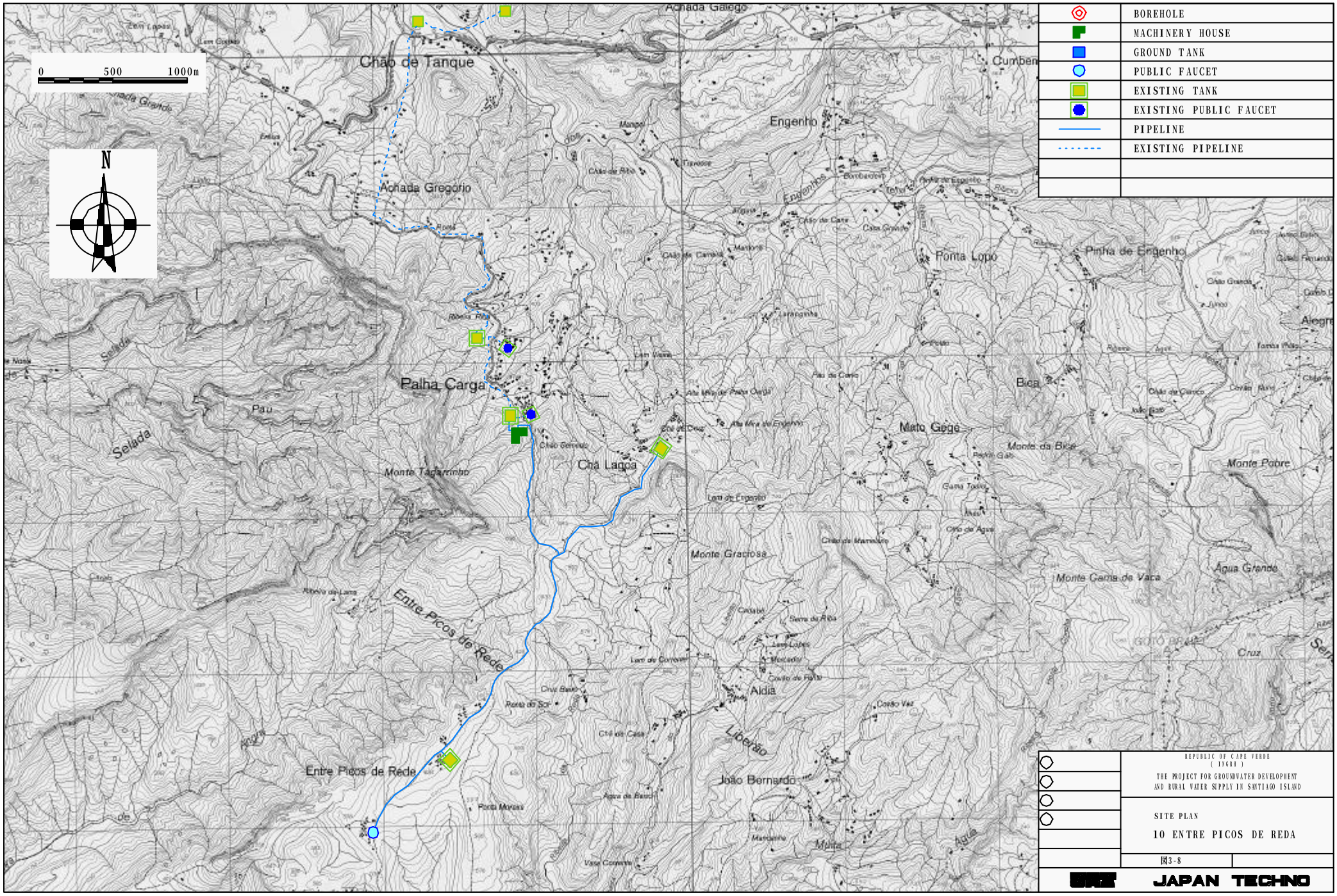
REPUBLIC OF CAPE VERDE
( INGRH )
THE PROJECT FOR GROUNDWATER DEVELOPMENT
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
08 BOMBARDEIRO
図3-7
JAPAN TECHNO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Mato Gegé
Bica
Monte da Bica
Monte Pobre
Monte Tagarrinho
Monte Gracrosa
Monte Cama de Vaca
Água Grande
Entre Picos de Rede
Aldia
João Bernardo
Liberdade
Selada
Pau
Cumbe
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Cruz
BOREHOLE
MACHINERY HOUSE
GROUND TANK
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REPUBLIC OF CAPE VERDE
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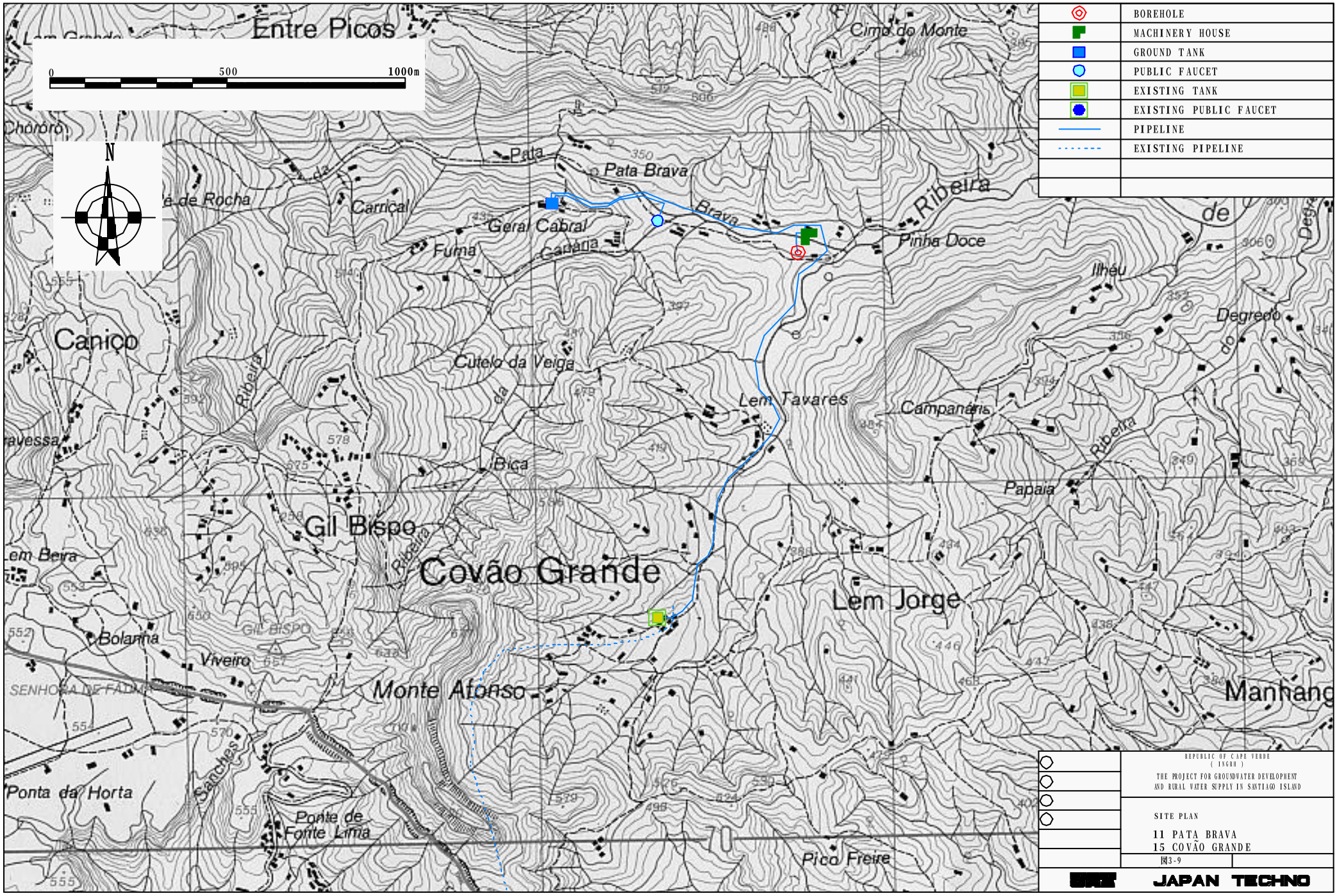
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
10 ENTRE PICOS DE REDA
図3-8
JAPAN TECHNO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Cardaria
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Brava
Ribeira
Pinha Doce
Ilhéu
Degredo
Canico
Cutelo da Veiga
Lem Tavares
Campanário
Bica
Papaia
Gil Bispo
Covão Grande
Lem Jorge
Bolanha
Viveiro
Monte Afonso
Manhang
Ponta da Horta
Sanches
Ponte de Fonte Lima
Pico Freire
BOREHOLE
MACHINERY HOUSE
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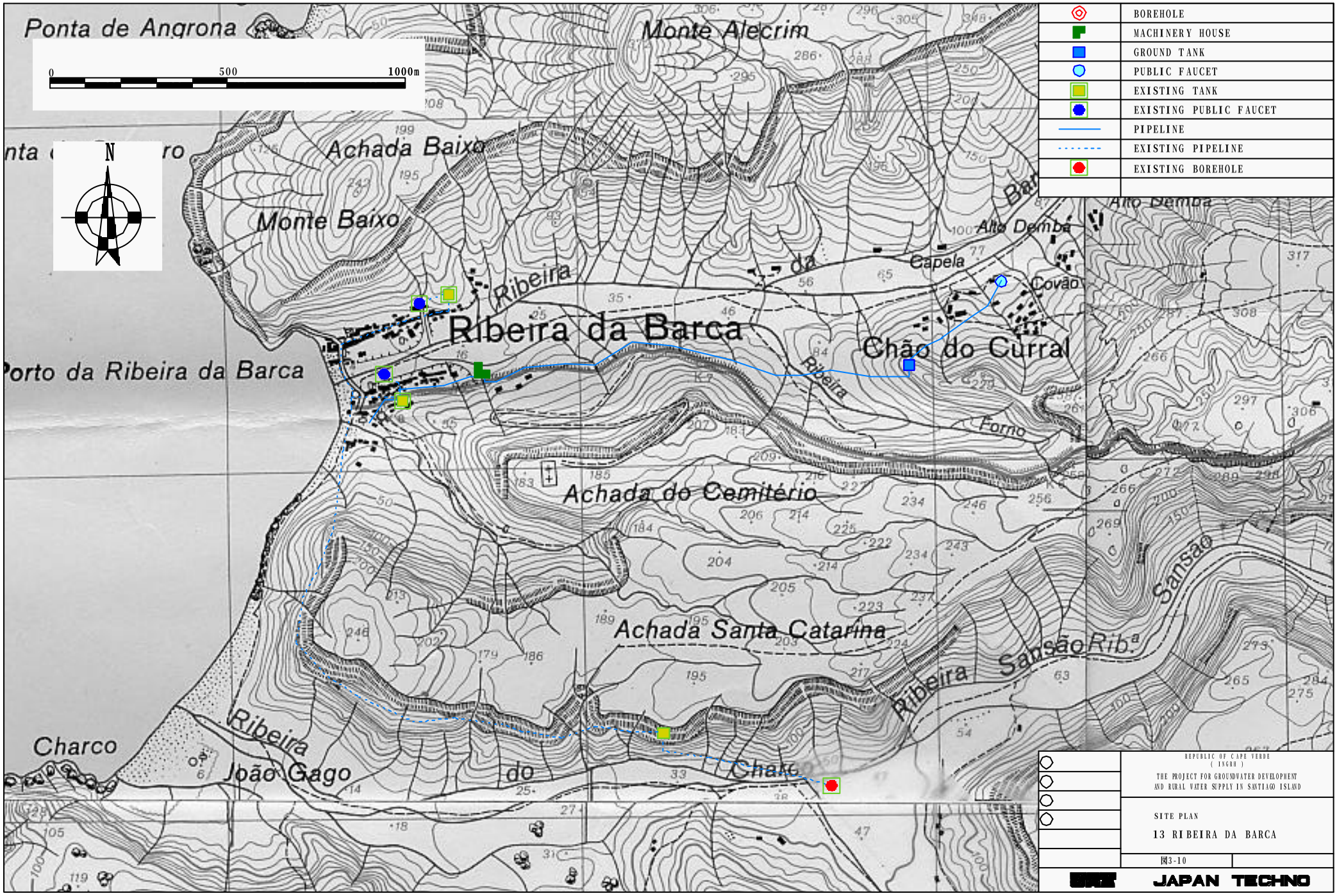
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
11 PATA BRAVA
15 COVÃO GRANDE
図3-9
JAPAN TECHNO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Ribeira João Gago
Charco
Chaio
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REPUBLIC OF CAPE VERDE
( INGRH )
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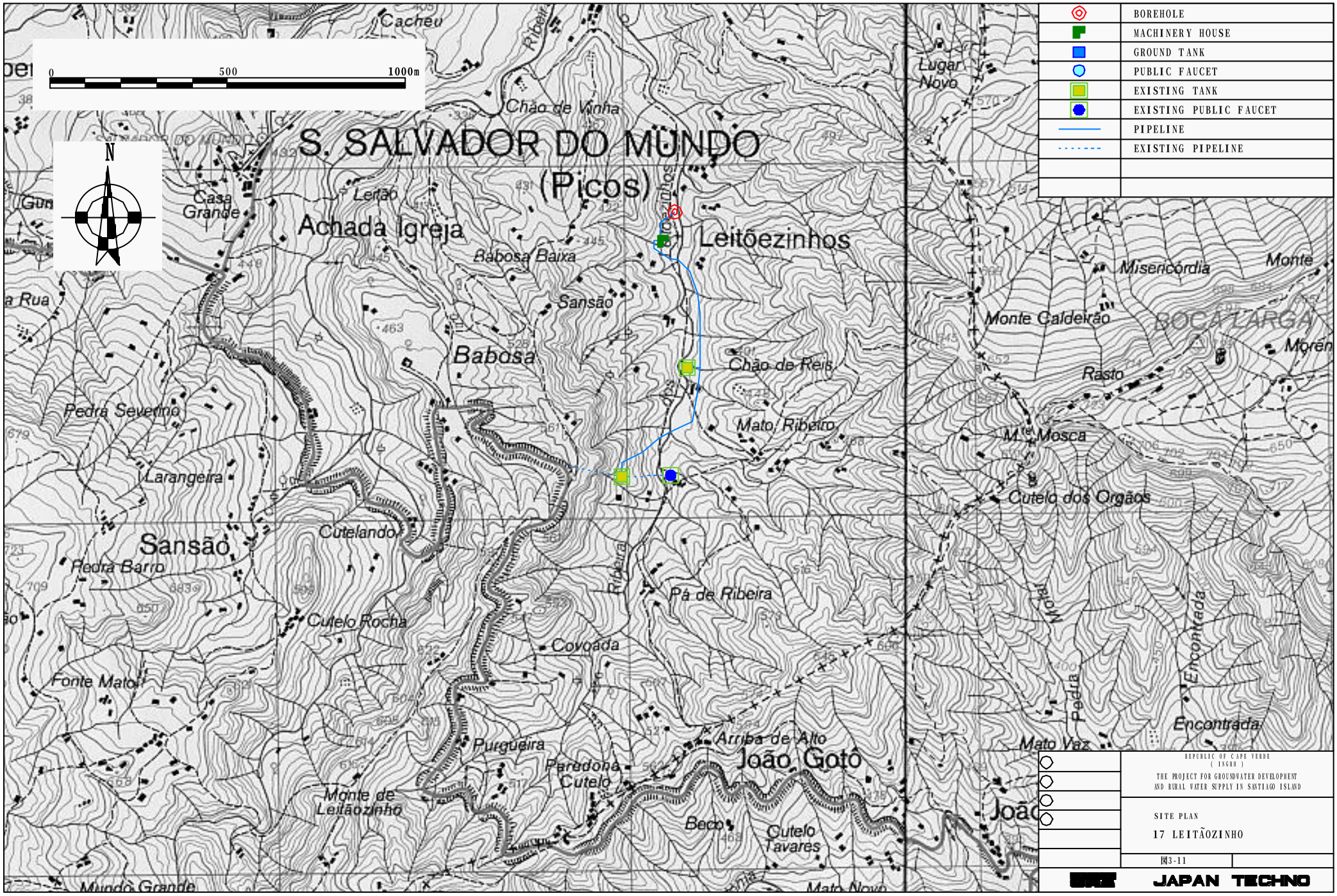
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
13 RIBEIRA DA BARCA
図3-10
JAPAN TECHNO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Sansão
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Monte
Monte Caldeirão
BOCA LARGA
Morên
Rasto
M. Mosca
Cutelo dos Orgãos
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Sansão
Pedra Barro
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Pá de Ribeira
Covoada
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Arriba de Alto
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REPUBLIC OF CAPE VERDE
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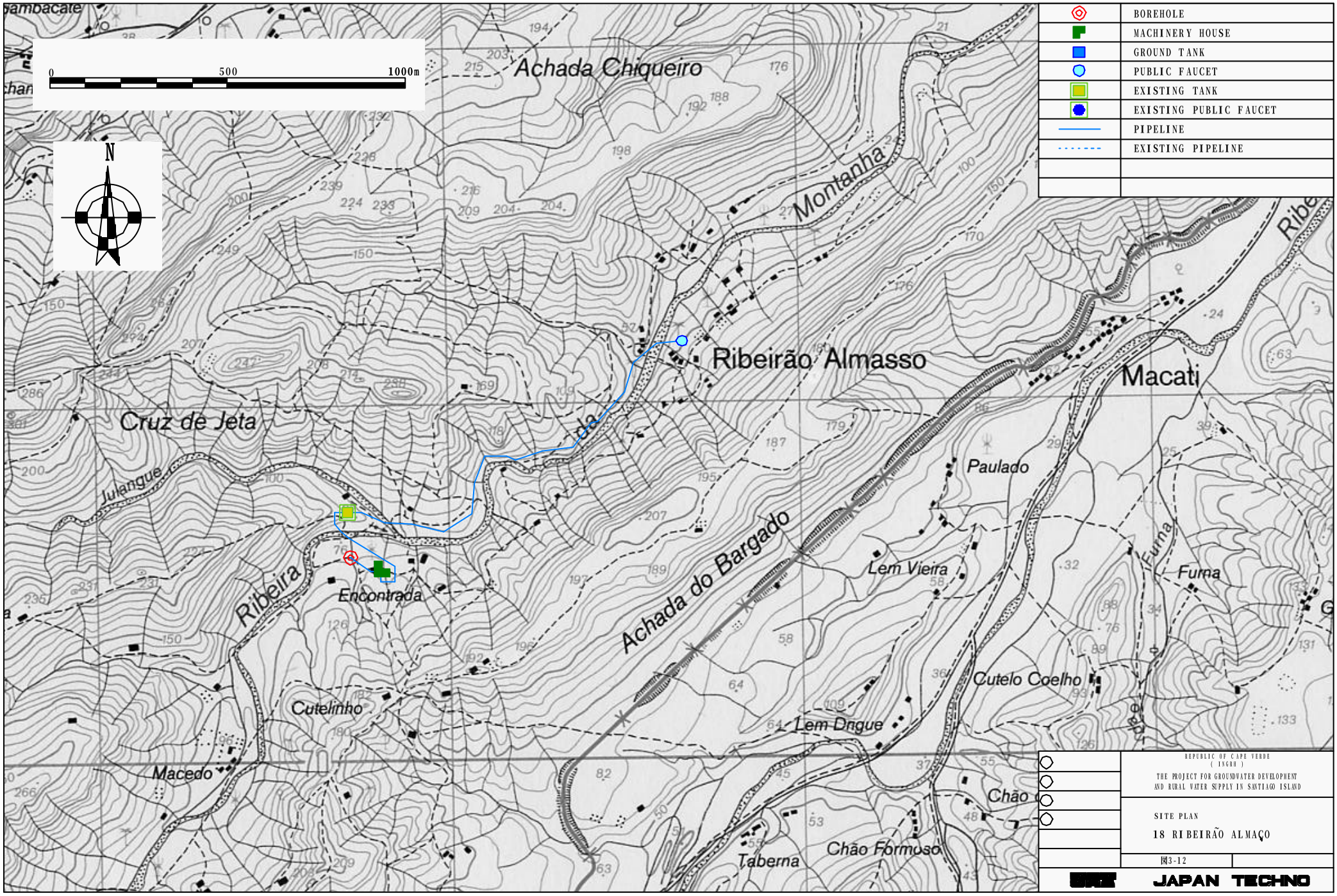
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
17 LEITÃOZINHO
図3-11
JAPAN TECHNO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Furna
Cutelo Coelho
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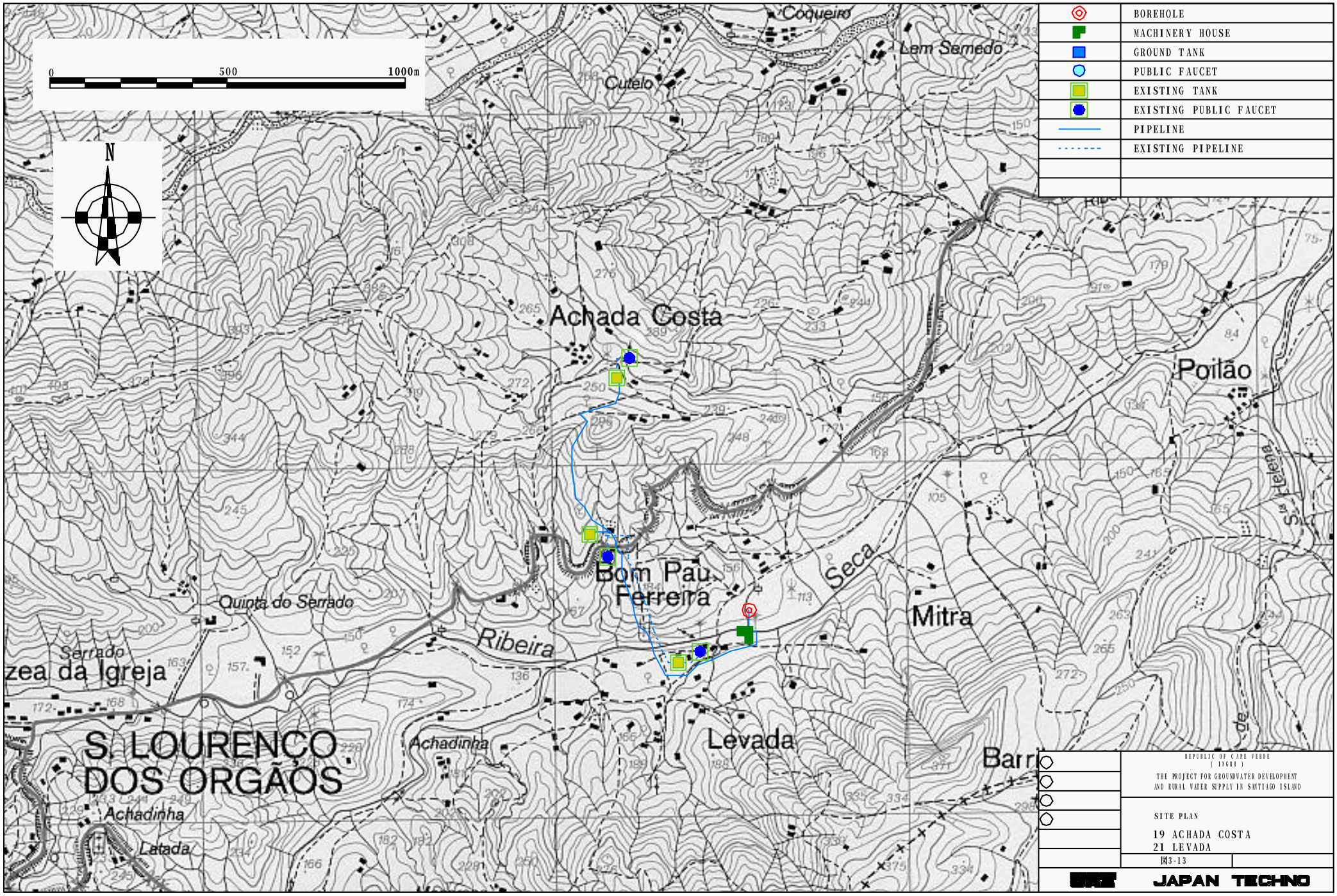
SITE PLAN
18 RIBEIRÃO ALMAÇO
図3-12
JAPAN TECHNO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Cutelo
Achada Costa
Poilão
Bom Pau
Ferreira
Seca
Mitra
Quinta do Serrado
Ribeira
Serrado
zea da Igreja
S. LOURENÇO
DOS ORGÃOS
Achadinha
Levada
Latada
Barri
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THE PROJECT FOR GROUNDWATER DEVELOPMENT
AND RURAL WATER SUPPLY IN SANTIAGO ISLAND
SITE PLAN
19 ACHADA COSTA
21 LEVADA
図3-13
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