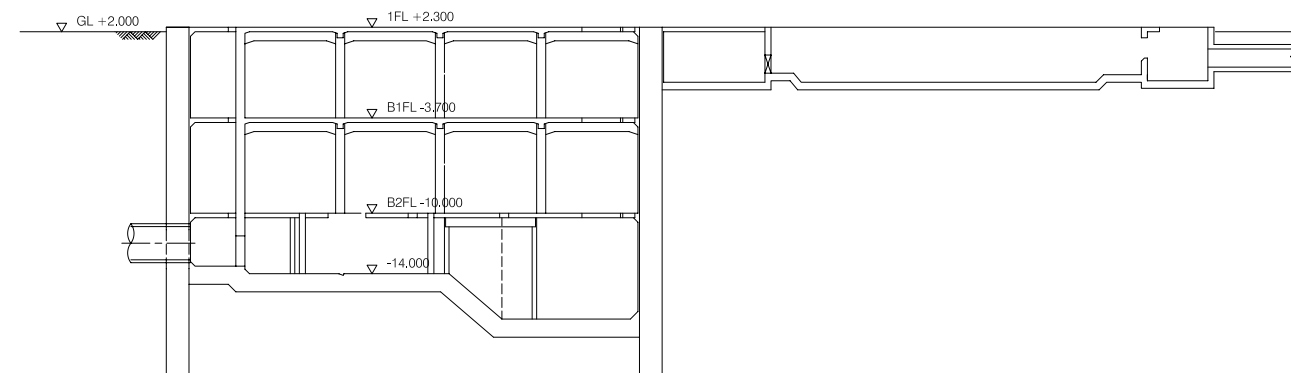
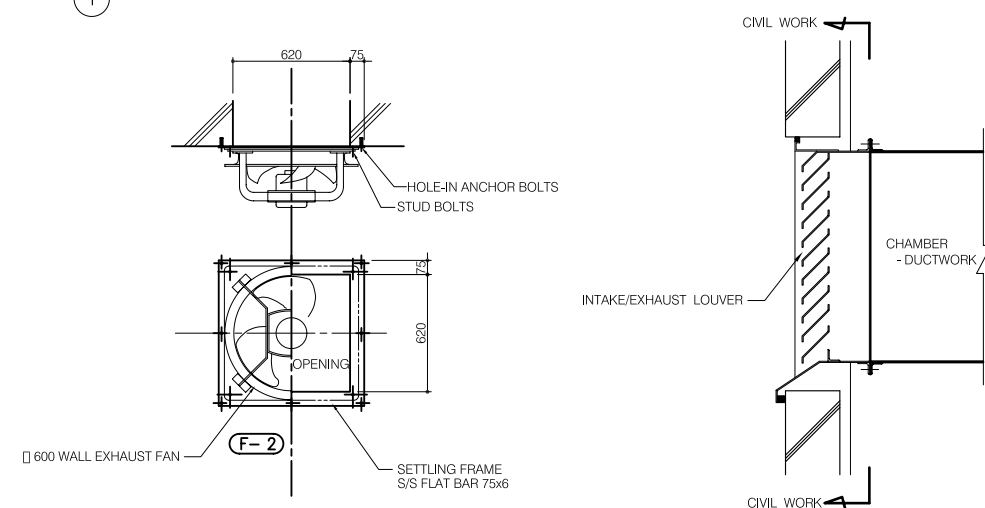


1st FLOOR PLAN



KEY MAP



DETAILS OF WALL EXHAUST FAN & INTAKE/EXHAUST LOUVER

LEGEND

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION

PUMP HOUSE AND O/M OFFICE
PLAN OF VENTILATION FOR
BASEMENT 1 & 2 (1/3)

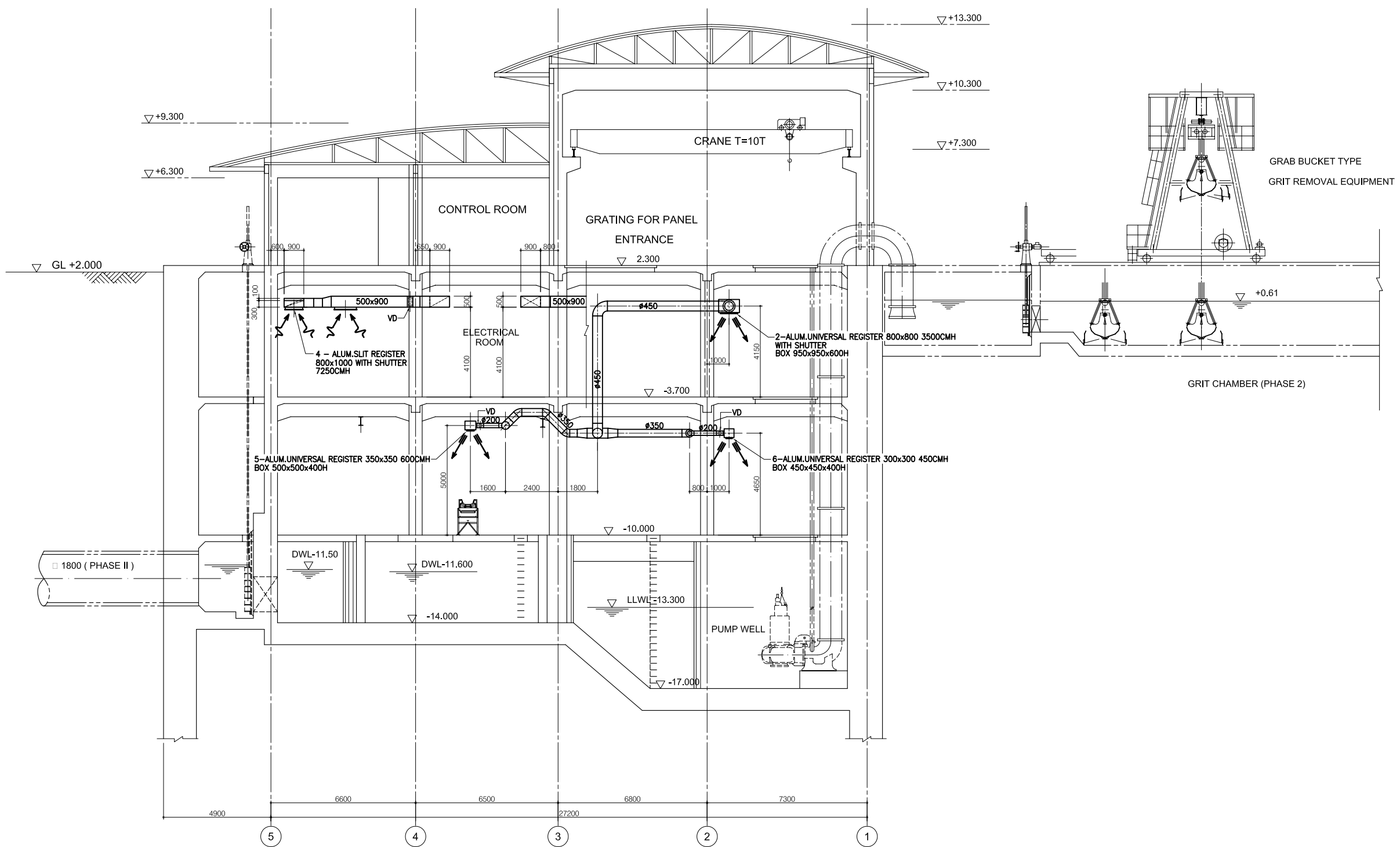
SCALE : 1/100

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

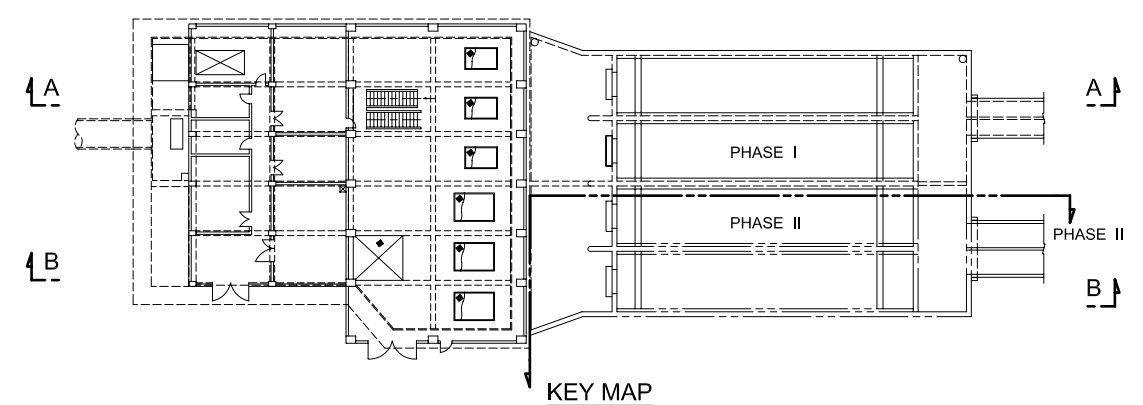
PACIFIC CONSULTANTS INTERNATIONAL

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| DESIGNED KIMURA TORU | CHECKED KONDO MASAMI |
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DATE : JUNE 2001 DWG. No. PC - IWPS - 320



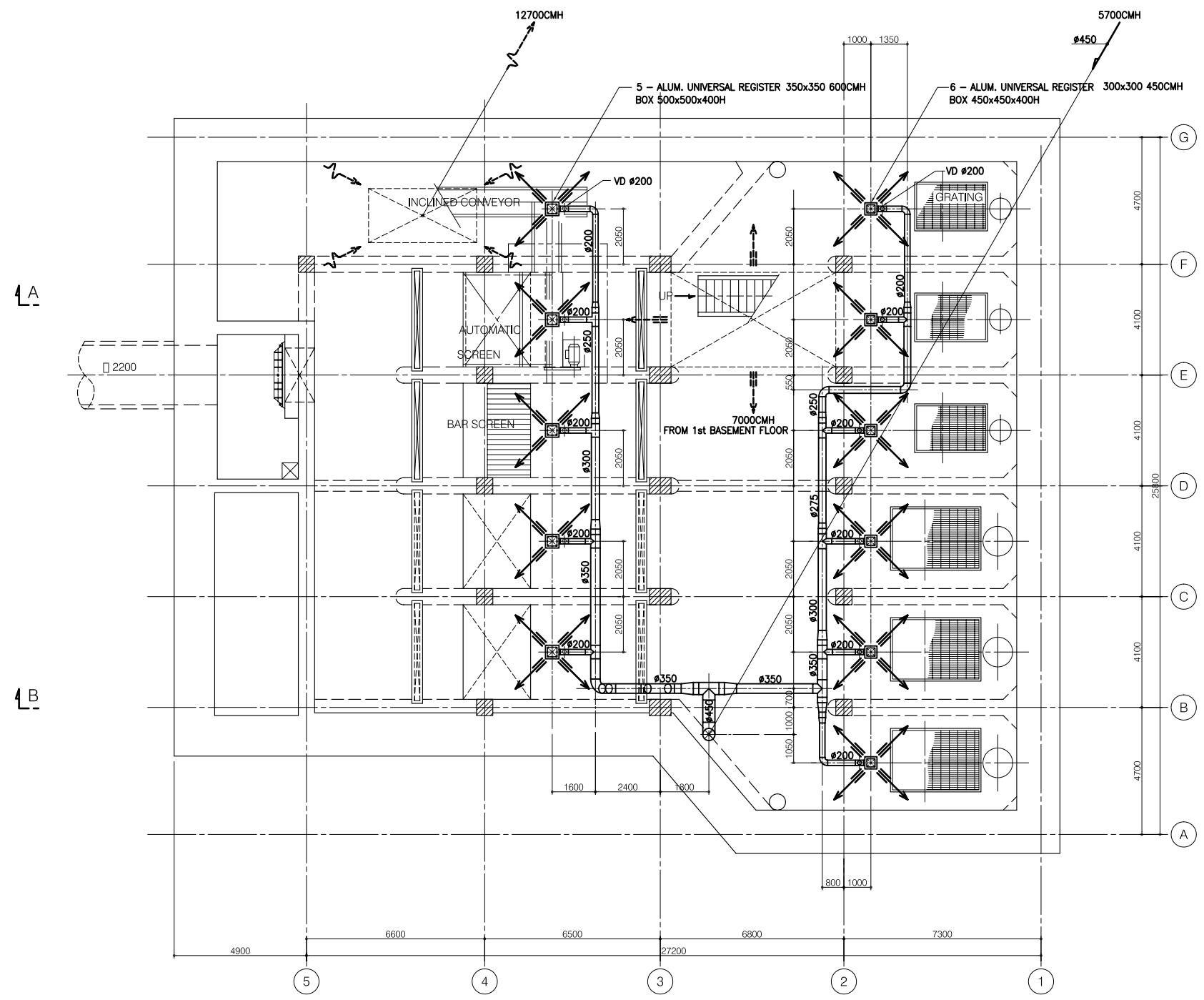
SECTION B - B



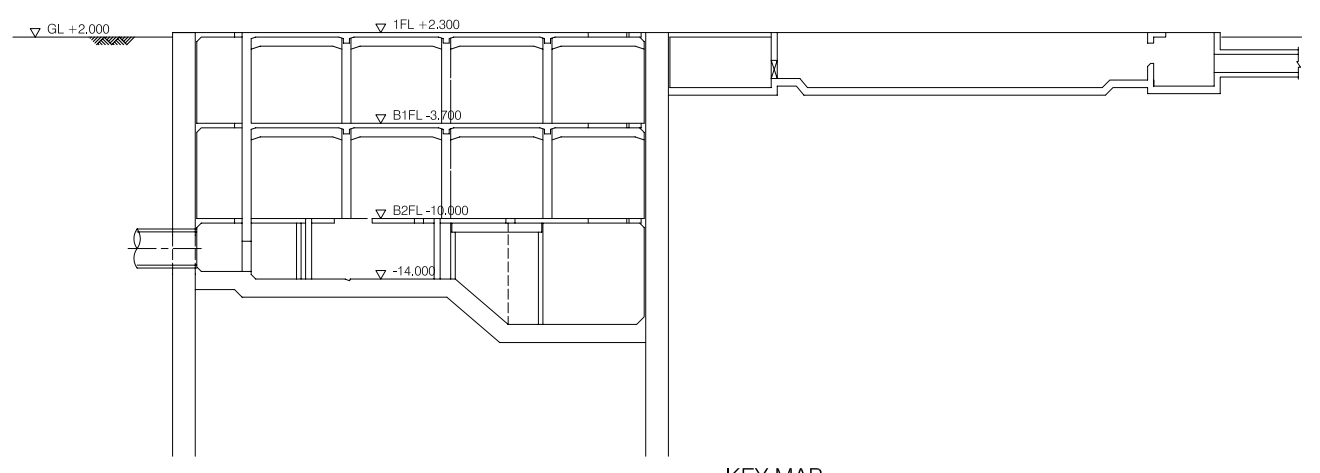
KEY MAP

LEGEND

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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| REVISIONS | | | | |
| PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT | | | | |
| THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM | | | | |
| PACKAGE C INTERMEDIATE WASTEWATER PUMPING STATION PUMP HOUSE AND O/M OFFICE PLAN OF VENTILATION FOR BASEMENT 1 & 2 (2/3) | | | | |
| SCALE : 1/100 | | | | |
| JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) | | | | |
| PACIFIC CONSULTANTS INTERNATIONAL | | | | |
| DESIGNED KIMURA TORU | | CHECKED KONDO MASAMI | | |
| DATE : JUNE 2001 | | DWG. No. PC -IWPS - 321 | | |



2nd BASEMENT FLOOR PLAN



KEY MAP

LEGEND

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION
PUMP HOUSE AND O/M OFFICE
PLAN OF VENTILATION
FOR BASEMENT 1 & 2 (3/3)

SCALE : 1/100

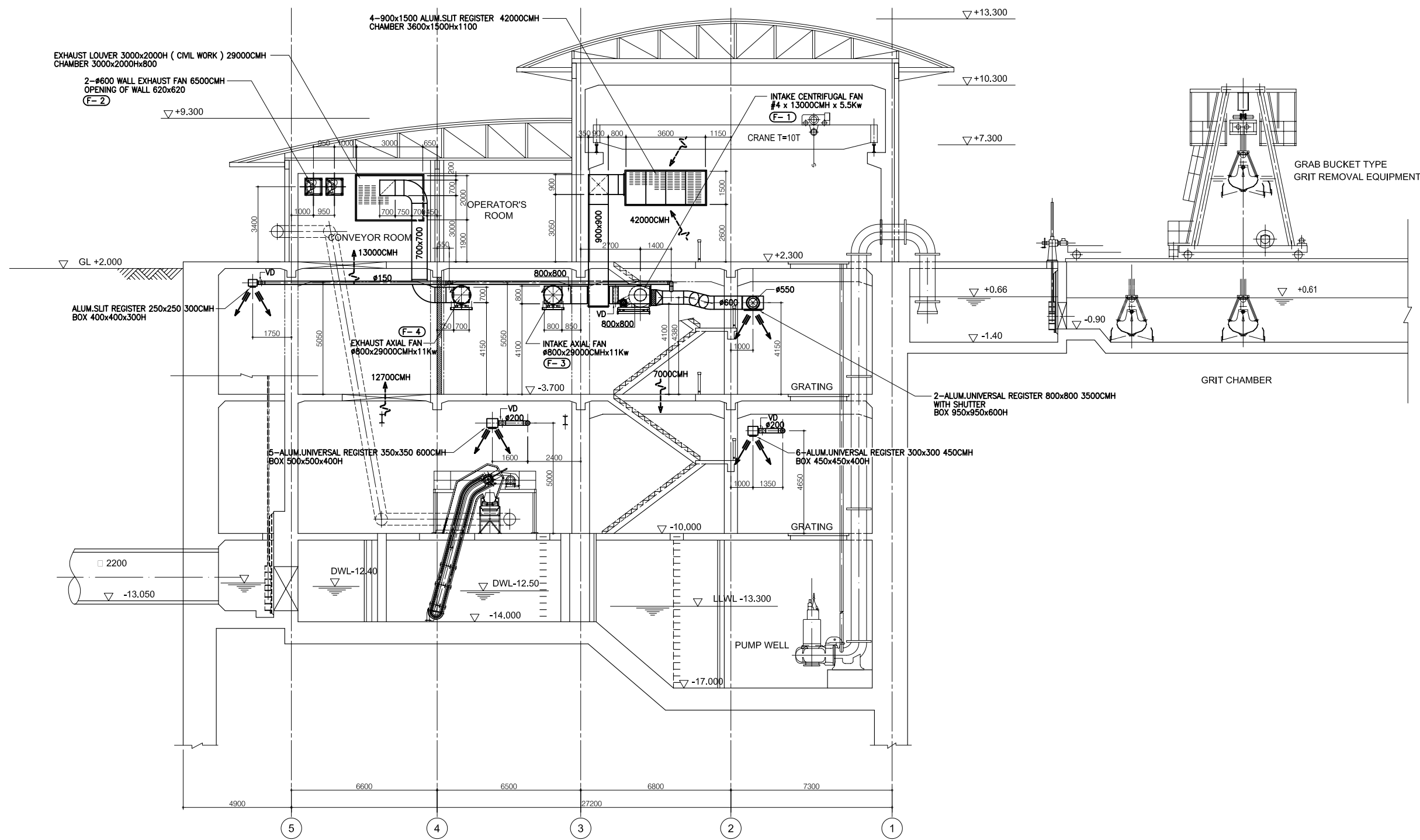
JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

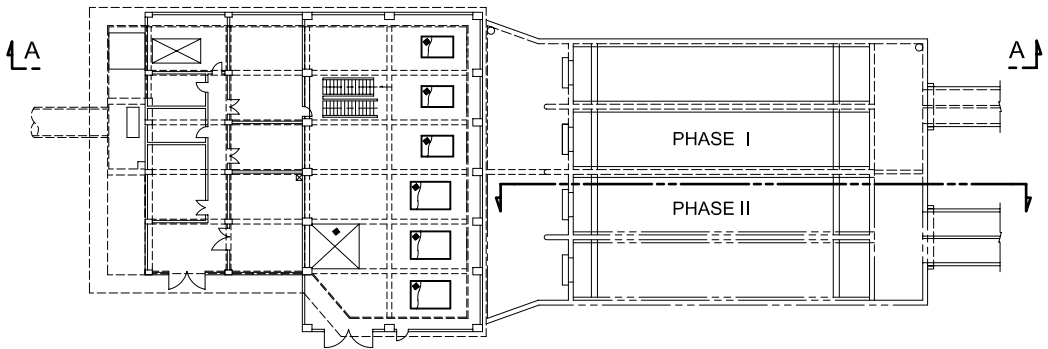
DESIGNED
KIMURA TORU

CHECKED
KONDO MASAMI

DATE : JUNE 2001 DWG. No. PC - IWPS - 322



SECTION A - A



KEY MAP

LEGEND

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION

PUMP HOUSE AND O/M OFFICE
SECTION OF VENTILATION
FOR BASEMENT 1 & 2 (1/2)

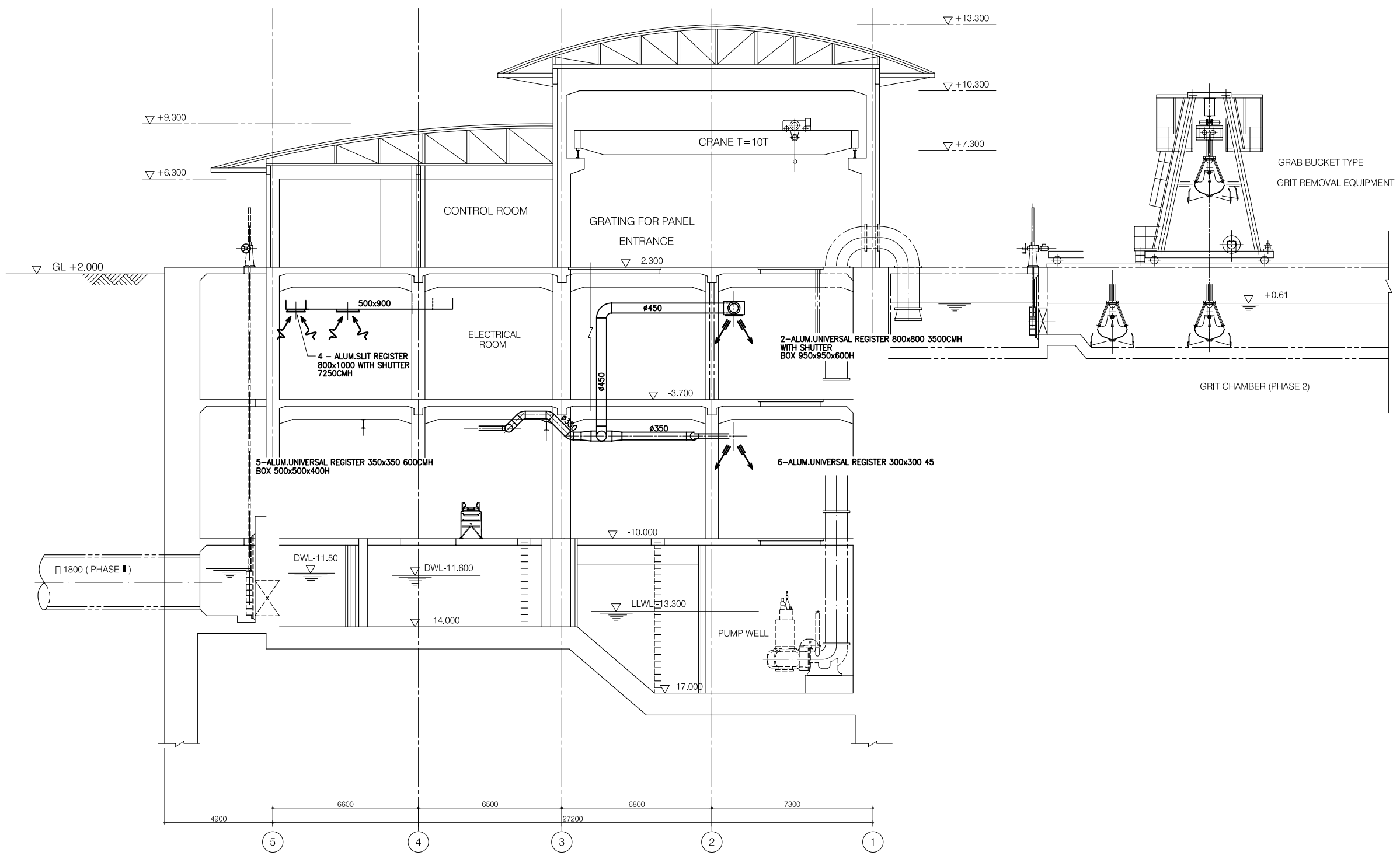
SCALE : 1/100

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

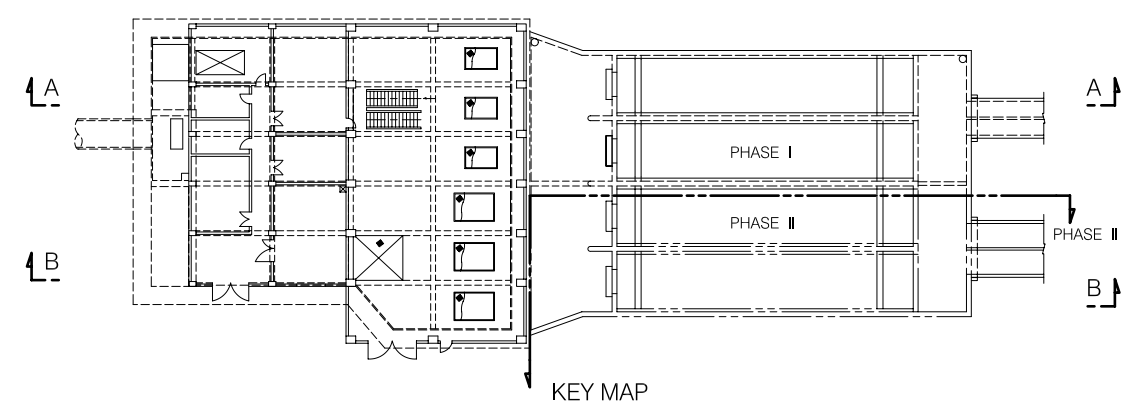
PACIFIC CONSULTANTS INTERNATIONAL

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| DESIGNED KIMURA TORU | CHECKED KONDO MASAMI |
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DATE : JUNE 2001 DWG. No. PC - IWPS - 323



SECTION B - B



KEY MAP

LEGEND

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION
PUMP HOISE AND O/M OFFICE

SCALE : 1/100

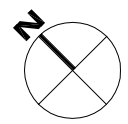
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

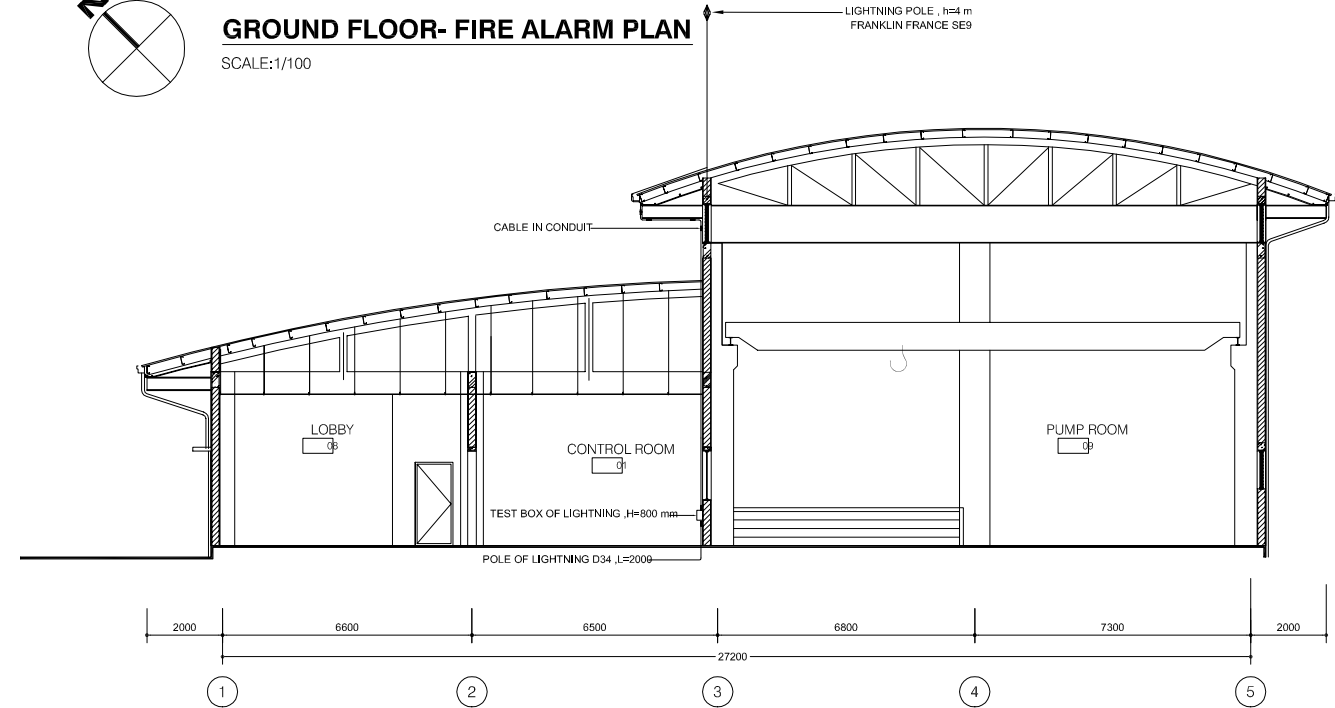
DESIGNED _____ CHECKED _____



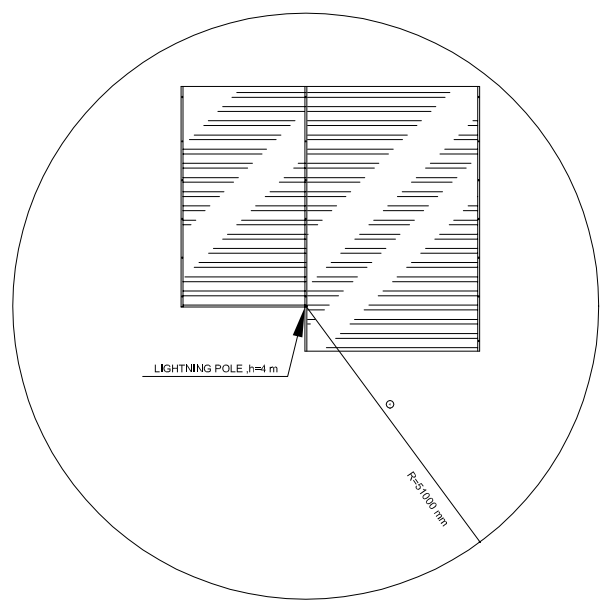
- LEGEND :**
- EMERGENCY BUTTON
 - FIRE ALARM BELL
 - HOSE REEL BOX
 - ABC FIRE EXTINGUISHER 8KG
 - SIREN
 - SMOKE DETECTOR ION-POINT TYPE



GROUND FLOOR- FIRE ALARM PLAN
SCALE: 1/100

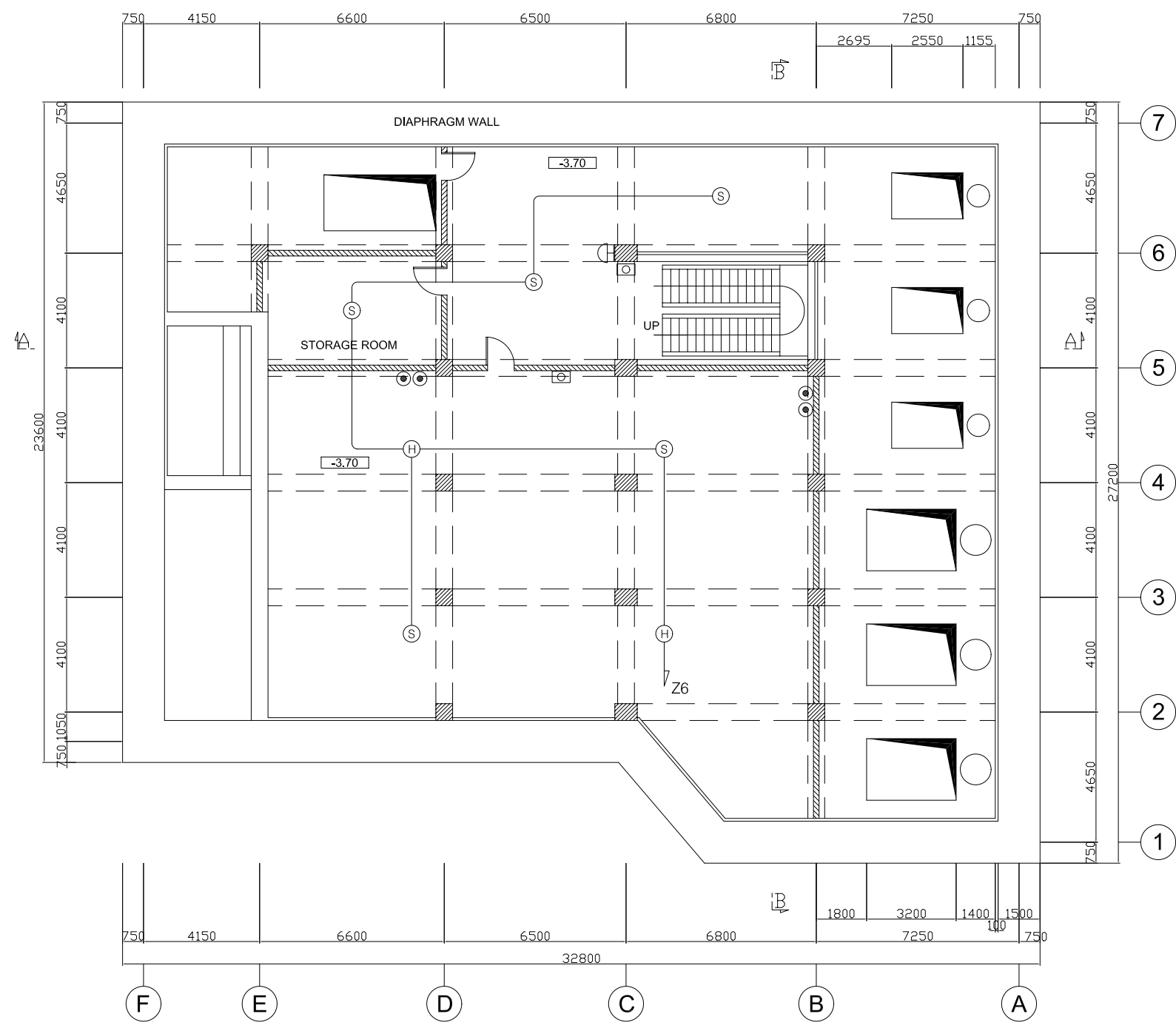


LIGHTNING SYSTEM
SCALE: 1/100



LIGHTNING PLAN
N.T.S.

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| REVISIONS | | | | |
| PROJECT MANAGEMENT UNIT FOR HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT | | | | |
| THE DETAILED DESIGN STUDY ON HO CHI MINH CITY WATER ENVIRONMENT IMPROVEMENT PROJECT IN THE SOCIALIST REPUBLIC OF VIET NAM | | | | |
| PACKAGE C INTERMEDIATE WASTEWATER PUMPING STATION FIRE ALARM & LIGHTNING PLAN, SECTION | | | | |
| SCALE : 1/100 | | | | |
| JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) | | | | |
| PACIFIC CONSULTANTS INTERNATIONAL | | | | |
| DESIGNED KIMURA TORU | | CHECKED KONDO MASAMI | | |
| DATE : JUNE 2001 | | DWG. No. PC-IWPS-325 | | |



FIRE FIGHTING PLAN OF BASEMENT 1

LEGEND

| | |
|---|--------------------------------|
| ⊙ | SMOKE DETECTOR |
| ⊕ | HEAT DETECTOR |
| ⊠ | EMERGENCY BUTTON |
| ⊙ | FIRE FIGHTING TANK CO2 (10 KG) |
| 🔔 | FIRE ALARM BELL |

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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION
PUMP HOUSE AND O/M OFFICE
PLAN OF FIRE ALARM
(BASEMENT 1 FLOOR)

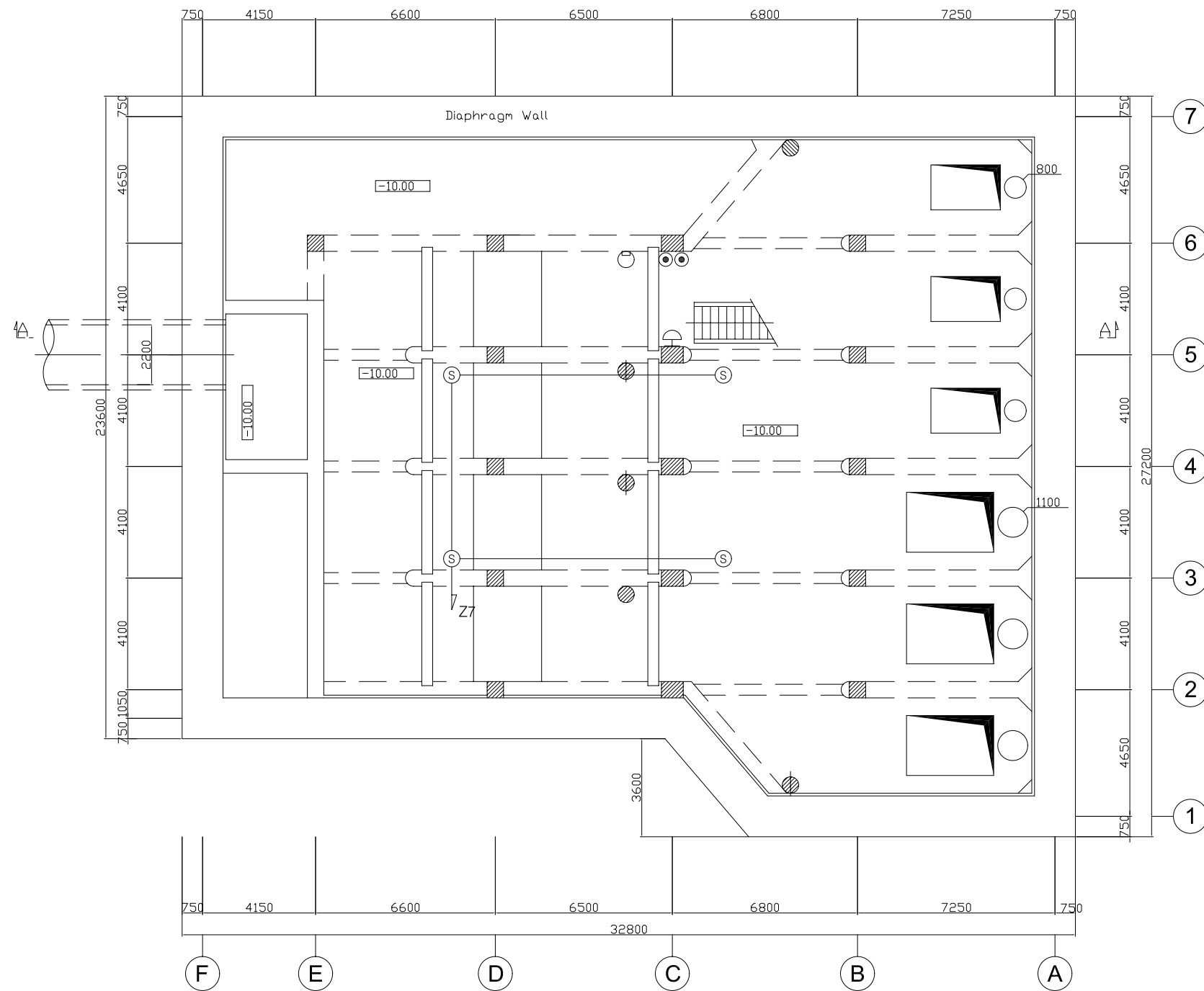
SCALE : 1/100

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AGENCY (JICA)

PC PACIFIC CONSULTANTS INTERNATIONAL

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DATE : JUNE 2001 DWG. No. PC - IWPS - 326



FIRE FIGHTING PLAN OF BASEMENT 2

LEGEND

- ⊙ SMOKE DETECTOR
- ⊕ HEAT DETECTOR
- ⊠ EMERGENCY BUTTON
- ⊙ FIRE FIGHTING TANK CO2 (10 KG)
- 🔔 FIRE ALARM BELL

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT PROJECT
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PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION
**PUMP HOUSE AND O/M OFFICE
PLAN OF FIRE ALARM
(BASEMENT 2 FLOOR)**

SCALE : 1/200

 JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

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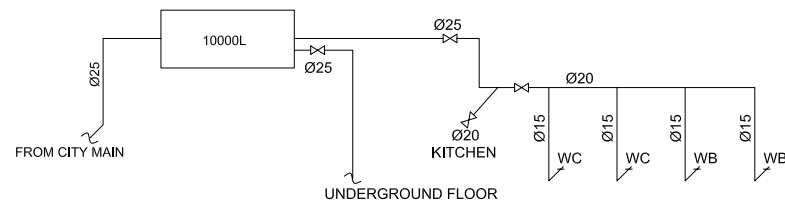
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| DESIGNED KIMURA TORU | CHECKED KONDO MASAMI |
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DATE : JUNE 2001 DWG. No. PC - IWPS - 327

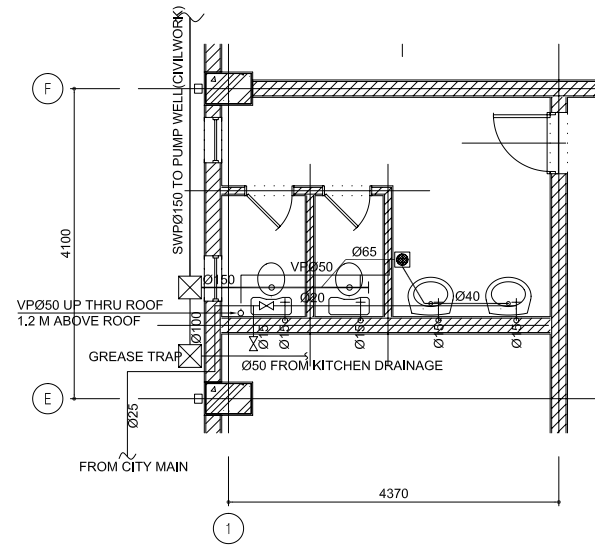


GROUND FLOOR- PLUMBING AND DRAINAGE PLAN

SCALE : 1/100

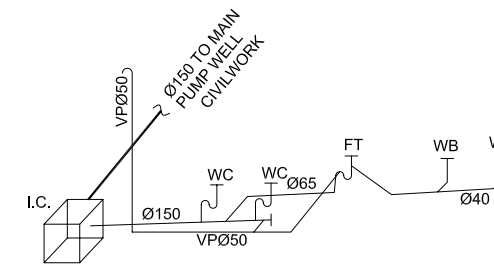


ISOMETRIC OF COLD WATER SUPPLY SYSTEM



WC LAYOUT PLAN

SCALE : 1/50



ISOMETRIC OF WASTEWATER SYSTEM

| NO. | DATE | DESCRIPTIONS | BY | APRO. |
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REVISIONS

PROJECT MANAGEMENT UNIT FOR
HO CHI MINH CITY
WATER ENVIRONMENT IMPROVEMENT

THE DETAILED DESIGN STUDY ON HO CHI MINH CITY
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IN THE SOCIALIST REPUBLIC OF VIET NAM

PACKAGE C
INTERMEDIATE WASTEWATER PUMPING STATION
PUMP HOUSE AND O/M OFFICE
PLUMBING AND DRAINAGE PLAN
AND ISOMETRIC

SCALE : 1/100 - 1/50

JICA JAPAN INTERNATIONAL COOPERATION
AGENCY (JICA)

PACIFIC CONSULTANTS INTERNATIONAL

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|-------------------------|-------------------------|
| DESIGNED KIMURA TORU | CHECKED KONDO MASAMI |
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DATE : JUNE 2001 DWG. No. PC-IWPS-328