

LEGENDS

	THATCHED HOUSE		RIVER, CANAL, DITCH
	HOUSE WITH A CORRUGATED ROOF		ROAD
	HOUSE MADE OF BRICKS		SMALL ROAD, BORDER OF RICE FIELD
	PAGODA		FOOTPATH ROAD
	CHURCH		BRIDGE
	TOMB, CEMETERY		SHRIMP POND
	BLOODHOUSE		FRUIT TREE, SUGAR-CANE
	HOSPITAL		TREE
	TRANSFORMER STATION		RICE FIELD
	PLANT		VEGETABLE, GRASS
	SCHOOL		NIPA, BRUSHWOOD, MANGROVE
	DIKE		ELECTRIC PILLAR
	BOTANY BOUNDARY		MOORING BUOY
	BRICK, STONE WALL		FISHING STAKES
	BARBED WIRE FENCE		BASE POINT COORDINATE, BASE POINT ELEVATION
	RIGHT BUOY		
	LEFT BUOY		

NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M).
- COORDINATES ARE IN HN72 SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.887M

: DREDGING AREA

Scale:

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

JAPAN INTERNATIONAL COOPERATION AGENCY
 ASSIGNED TO:
 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

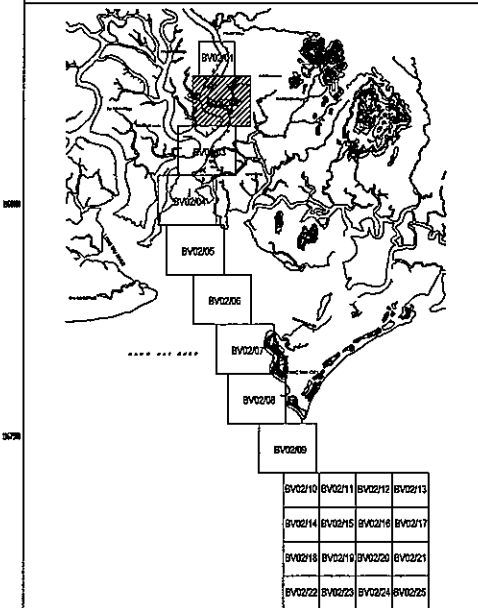
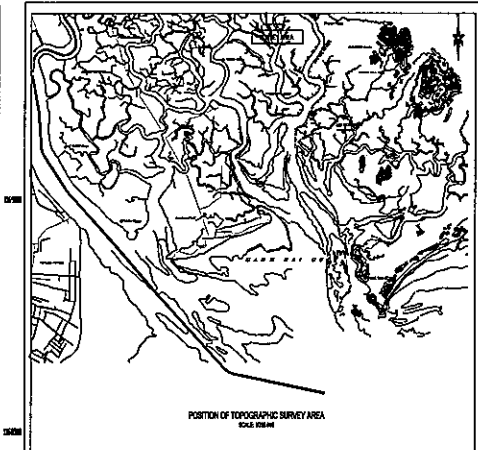
CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
 DRAWN BY: NGUYEN VIET DUNG
 CHECKED BY: NAGAO N.
 APPROVED BY: NAGAI K.
 ISSUE DATE: 30/SEP/2005
 SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
 SUB-SECTION: CHANNEL DREDGING PLAN
 TITLE OF DRAWING: DREDGING PLAN(1)
 DWG NO: PAC3-NC-CDR-001

REV. NO



LEGENDS

	THATCHED HOUSE		RIVER, CANAL, DITCH
	HOUSE WITH A CORRUGATED ROOF		ROAD
	HOUSE MADE OF BRICKS		SMALL ROAD, BORDER OF RICE FIELD
	PAGODA		FOOTPATH ROAD
	CHURCH		BRIDGE
	TUNNEL CEMETERY		SHRIMP POND
	BLOODHOUSE		FRUIT TREE, SUGAR CANE
	HOSPITAL		TREE
	TRANSFORMER STATION		RICE FIELD
	PLANT		VEGETABLE, GRASS
	SCHOOL		NIPIA, BRUSHWOOD, MANGROVE
	DYKE		ELECTRIC PILLAR
	RECTORY BOUNDARY		WOODEN BOAT
	BRICK, STONE WALL		FISHING STAVES
	BARBED WIRE FENCE		BASE POINT COORDINATE, BASE POINT ELEVATION
	RIGHT BUOY		
	LEFT BUOY		

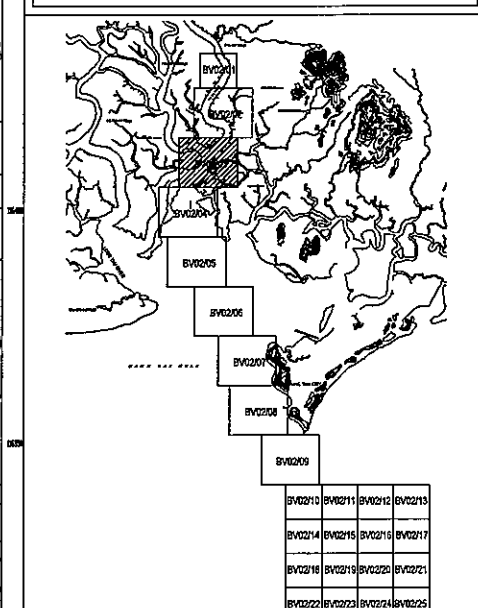
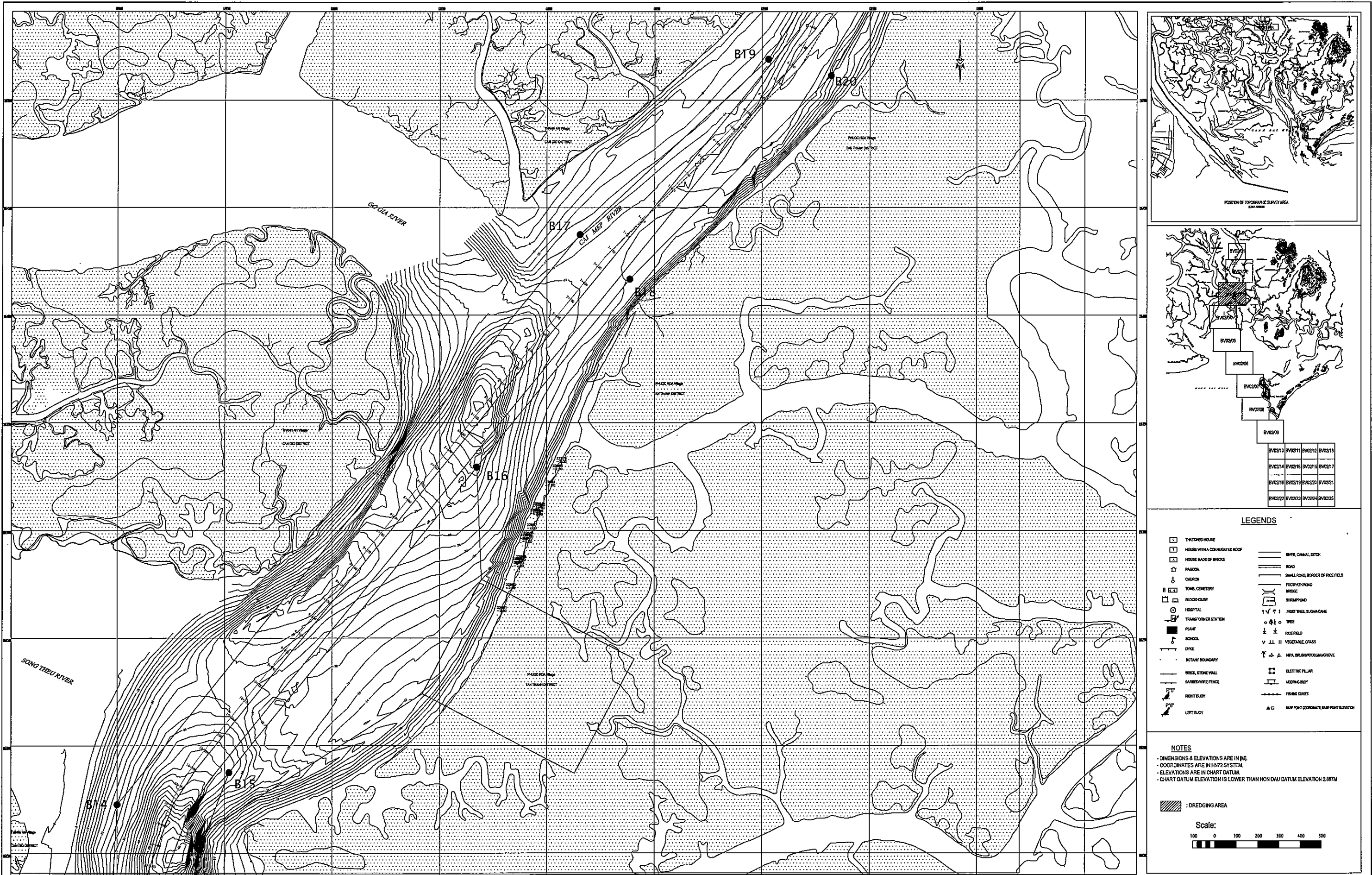
NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M)
- COORDINATES ARE IN HN72 SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.887M

: DREDGING AREA

Scale:
100 0 100 200 300 400 500

<p>THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85</p> <p>JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)</p>					<p>CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT</p> <p>PACKAGE 3 NAVIGATION CHANNEL DREDGING</p>			<p>DESIGNED BY: SASAKI E</p> <p>DRAWN BY: NGUYEN VIET DUNG</p> <p>CHECKED BY: NAGAO N.</p> <p>APPROVED BY: NAGAI K.</p> <p>ISSUE DATE: 30/SEP/2005</p> <p>SCALE: SCALE</p>		<p>SECTION: SUB-SECTION: TITLE OF DRAWING: DWG NO: REV. NO</p>	
<p>NAVIGATION CHANNEL DREDGING CHANNEL DREDGING PLAN DREDGING PLAN(2)</p>					<p>PAC3-NC-CDR-002</p>		<p>REV. NO</p>				
REV NO	DATE	DESCRIPTION	BY	APP							



LEGENDS

THATCHED HOUSE	RIVER CANAL, DITCH
HOUSE WITH A CORRUGATED ROOF	ROAD
HOUSE MADE OF BRICKS	SMALL ROAD, BORDER OF RICE FIELD
PAGODA	FOOTPATH ROAD
CHURCH	BRIDGE
TOMB, CEMETERY	SWAMPY POND
BLOOD HOUSE	FIRST TREE, SUGAR-CANE
HOSPITAL	TREE
TRANSFORMER STATION	RICE FIELD
PLANT	VEGETABLE, GRASS
SCHOOL	MPA, WETLAND/MANGROVE
DIKE	ELECTRIC PILLAR
ROTARY BOUNDARY	SECOND-ORDER
BRICK, STONE WALL	FISHING LINES
BARBED WIRE FENCE	BASE POINT COORDINATE, BASE POINT ELEVATION
RIGHT BUOY	
LEFT BUOY	

NOTES

- DIMENSIONS & ELEVATIONS ARE IN M.
- COORDINATES ARE IN UTM SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.867M

: DREDGING AREA

Scale:
100 0 100 200 300 400 500

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY
 ASSIGNED TO:
 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

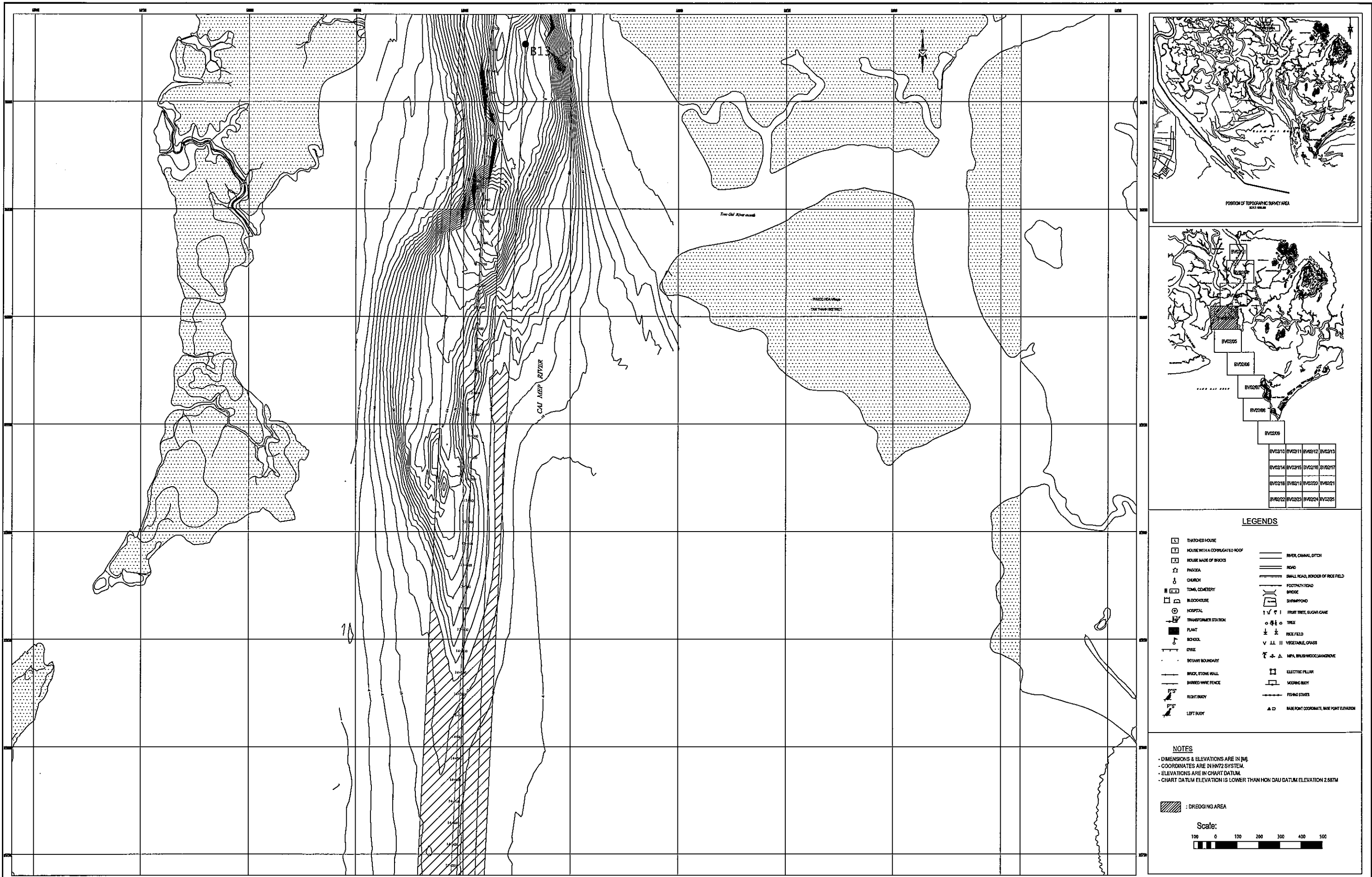
CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
 DRAWN BY: NGUYEN VIET DUNG
 CHECKED BY: NAGAO N.
 APPROVED BY: NAGAI K.
 ISSUE DATE: 30/SEP/2005
 SCALE: SCALE

SECTION:
 SUB-SECTION:
 TITLE OF DRAWING:
 DWG NO:
 REV. NO

NAVIGATION CHANNEL DREDGING
 CHANNEL DREDGING PLAN
 DREDGING PLAN(3)
 PAC3-NC-CDR-003



LEGENDS

	THATCHED HOUSE		RIVER CANAL DITCH
	HOUSE WITH CORRUGATED ROOF		ROAD
	HOUSE MADE OF BRICKS		SMALL ROAD, BORDER OF RICE FIELD
	PAGODA		FOOTPATH ROAD
	CHURCH		BRIDGE
	TOMB, CEMETERY		SHRIMP POND
	BLOCKHOUSE		FRUIT TREE, SUGAR CANE
	HOSPITAL		TREE
	TRANSFORMER STATION		RICE FIELD
	PLANT		VEGETABLE, GRASS
	SCHOOL		MPA, BRUSHWOOD MANGROVE
	DYKE		ELECTRIC PYLON
	BOTANICAL BOUNDARY		BARBED WIRE FENCE
	BRICK, STONE WALL		MARKING BUOY
	BARBED WIRE FENCE		FISHING NET
	RIGHT BUOY		BASE POINT COORDINATE, BASE POINT ELEVATION
	LEFT BUOY		

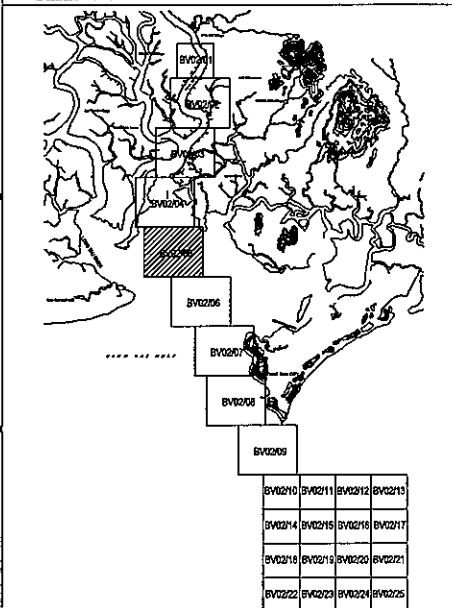
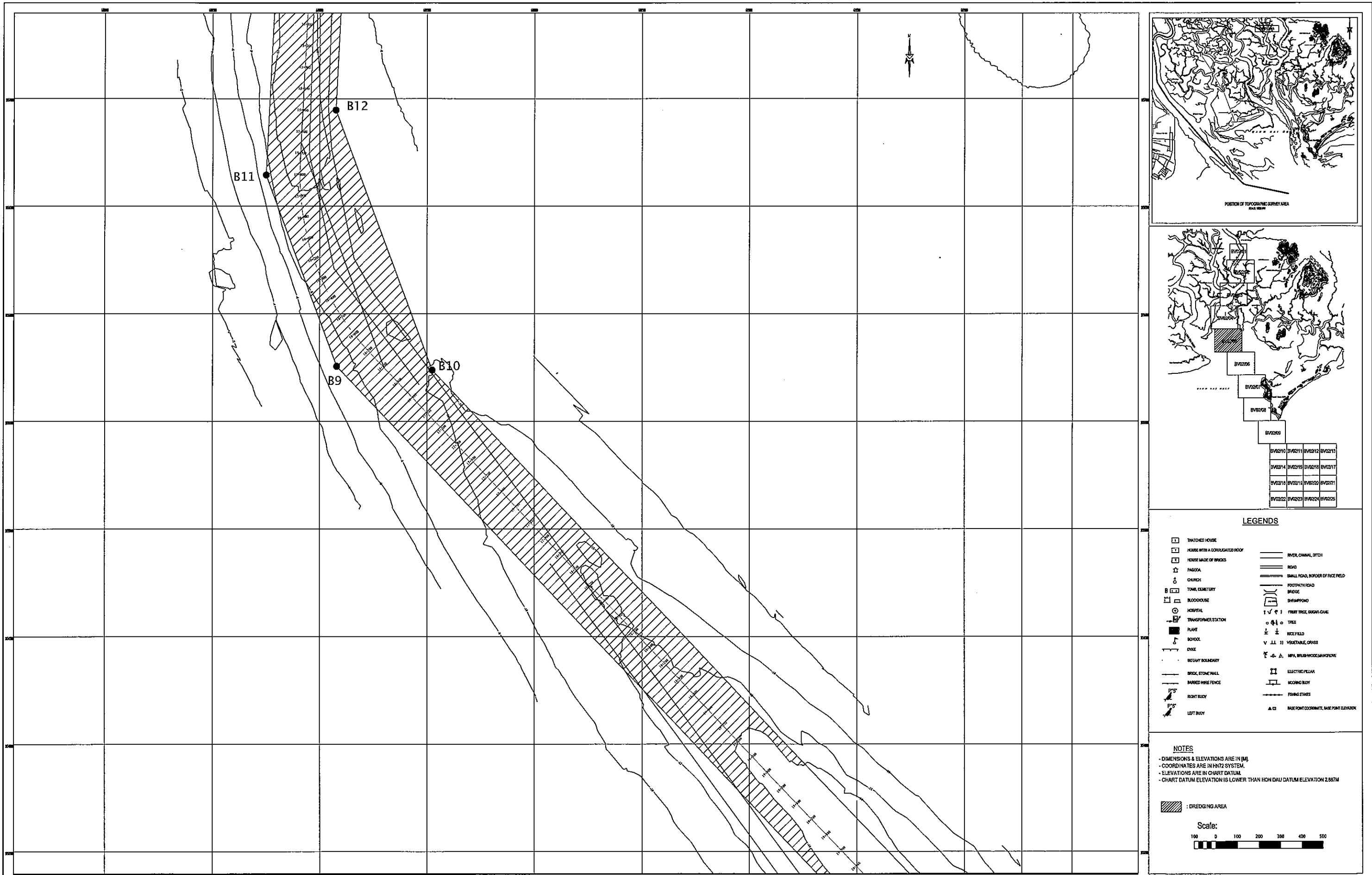
NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M)
- COORDINATES ARE IN UTM SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.887M

: DREDGING AREA

Scale:

THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85					CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT					DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAO N APPROVED BY: NAGAI K ISSUE DATE: 30/SEP/2005 SCALE: SCALE					SECTION: SUB-SECTION: TITLE OF DRAWING: DWG NO:					NAVIGATION CHANNEL DREDGING CHANNEL DREDGING PLAN DREDGING PLAN(4) PAC3-NC-CDR-004					REV. NO				
JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)					PACKAGE 3 NAVIGATION CHANNEL DREDGING																								
REV NO	DATE	DESCRIPTION	BY	APP																									



LEGENDS

[Symbol] TWITCHED HOUSE	[Symbol] RIVER CHANNEL, DITCH
[Symbol] HOUSE WITH A CORRUGATED ROOF	[Symbol] ROAD
[Symbol] HOUSE MADE OF BRICKS	[Symbol] SMALL ROAD, BORDER OF RICE FIELD
[Symbol] PAGODA	[Symbol] FOOTPATH ROAD
[Symbol] CHURCH	[Symbol] BRIDGE
[Symbol] TOMB, CEMETERY	[Symbol] SHRAPPOH
[Symbol] BLOODCOURSE	[Symbol] FRUIT TREE, SUGAR-CANE
[Symbol] HOSPITAL	[Symbol] TREE
[Symbol] TRANSFORMER STATION	[Symbol] RICE FIELD
[Symbol] PLANT	[Symbol] VEGETABLE, GRASS
[Symbol] BOHOC	[Symbol] MPA, BRUSHWOOD, MARSHES
[Symbol] DUNE	[Symbol] ELECTRIC PILLAR
[Symbol] VICINITY BOUNDARY	[Symbol] IRONING BUDY
[Symbol] BRICK, STONE WALL	[Symbol] FISHING STAKES
[Symbol] BARBED WIRE FENCE	[Symbol] BASE POINT COORDINATE, BASE POINT ELEVATION
[Symbol] RIGHT BUDY	
[Symbol] LEFT BUDY	

NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M)
- COORDINATES ARE IN HARTZ SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.897M

[Symbol] : DREDGING AREA

Scale: 1:500

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

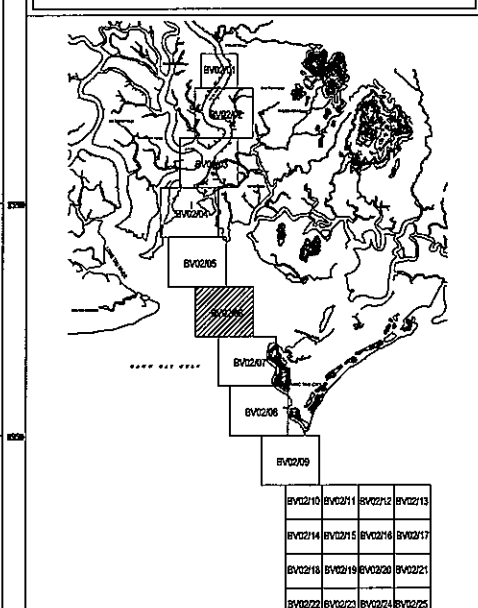
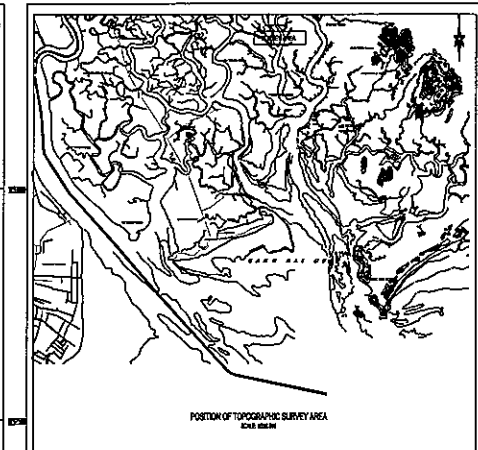
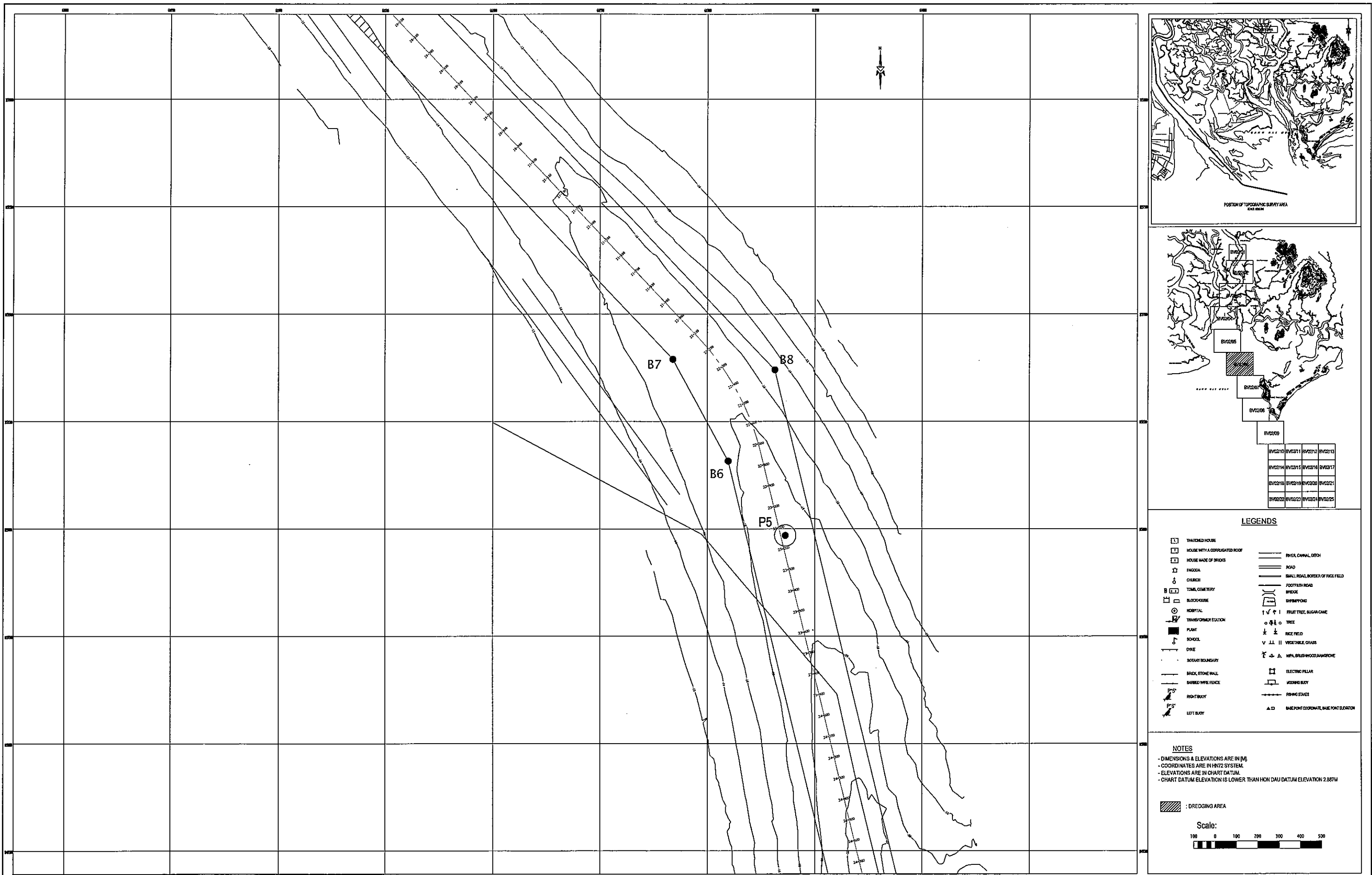
JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY
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 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
 DRAWN BY: NGUYEN VIET DUNG
 CHECKED BY: NAGAO N
 APPROVED BY: NAGAI K
 ISSUE DATE: 30/SEP/2005
 SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
 SUB-SECTION: CHANNEL DREDGING PLAN
 TITLE OF DRAWING: DREDGING PLAN (5)
 DWG NO: PAC3-NC-CDR-005
 REV. NO



LEGENDS

[Symbol]	THATCHED HOUSE	[Symbol]	RIVER, CANAL, DITCH
[Symbol]	HOUSE WITH A CORRUGATED ROOF	[Symbol]	ROAD
[Symbol]	HOUSE MADE OF BRICKS	[Symbol]	SMALL ROAD, BORDER OF RICE FIELD
[Symbol]	PAGODA	[Symbol]	FOOTPATH ROAD
[Symbol]	CHURCH	[Symbol]	BRIDGE
[Symbol]	TOMB, CEMETERY	[Symbol]	SHRIMP POND
[Symbol]	BLOCKHOUSE	[Symbol]	FRUIT TREE, SUGAR CANE
[Symbol]	HOSPITAL	[Symbol]	TREE
[Symbol]	TRANSFORMER STATION	[Symbol]	RICE FIELD
[Symbol]	PLANT	[Symbol]	VEGETABLE GRASS
[Symbol]	SCHOOL	[Symbol]	MPA, BRUSH WOODLAND/GRASS
[Symbol]	DYKE	[Symbol]	ELECTRIC PILLAR
[Symbol]	BOUNDARY	[Symbol]	WOODEN BOUY
[Symbol]	BRICK, STONE WALL	[Symbol]	FISHING STAKES
[Symbol]	BARRED WIRE FENCE	[Symbol]	BASE POINT COORDINATE, BASE POINT ELEVATION
[Symbol]	RIGHT BOUY		
[Symbol]	LEFT BOUY		

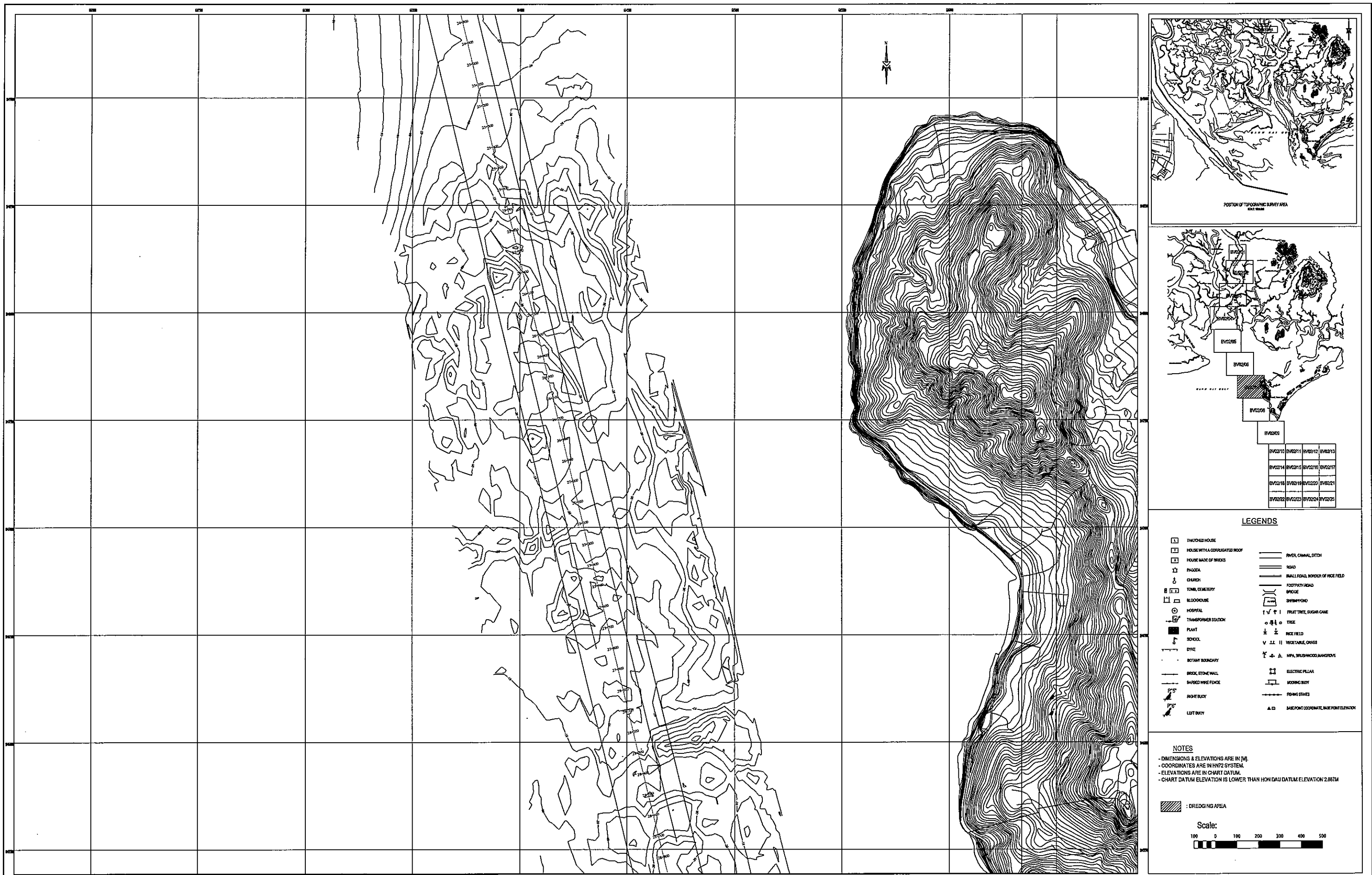
NOTES

- DIMENSIONS & ELEVATIONS ARE IN [M]
- COORDINATES ARE IN UTM SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.887M

[Symbol] : DREDGING AREA

Scale: 1:500

THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85					CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT			DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAO N. APPROVED BY: NAGAI K. ISSUE DATE: 30/SEP/2005 SCALE: SCALE		SECTION: SUB-SECTION: TITLE OF DRAWING: DWG NO: REV. NO	
JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)					PACKAGE 3 NAVIGATION CHANNEL DREDGING			NAVIGATION CHANNEL DREDGING CHANNEL DREDGING PLAN DREDGING PLAN(6)		PAC3-NC-CDR-006	
REV NO	DATE	DESCRIPTION	BY	APP							



LEGENDS

	THATCHED HOUSE		RIVER CANAL/DITCH
	HOUSE WITH CORRUGATED ROOF		ROAD
	HOUSE MADE OF BRICKS		SMALL ROAD BORDER OF RICE FIELD
	PAGODA		FOOTPATH ROAD
	CHURCH		BRIDGE
	TOMB, CEMETERY		SWAMP/POND
	BLOCKHOUSE		FRUIT TREE, SUGAR CANE
	HOSPITAL		TREE
	TRANSFORMER STATION		RICE FIELD
	PLANT		VEGETABLE, GRASS
	SCHOOL		MPA, BRUSHWOOD MANGROVE
	DIKE		ELECTRIC PILLAR
	ROTARY BOUNDARY		MOORING BUOY
	BRICK, STONE WALL		FISHING STAKE
	BARBED WIRE FENCE		BENCHMARK COORDINATE, BENCHMARK ELEVATION
	RIGHT BUOY		
	LEFT BUOY		

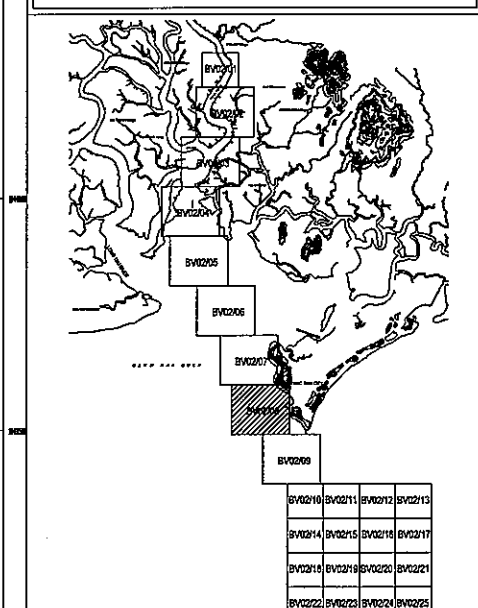
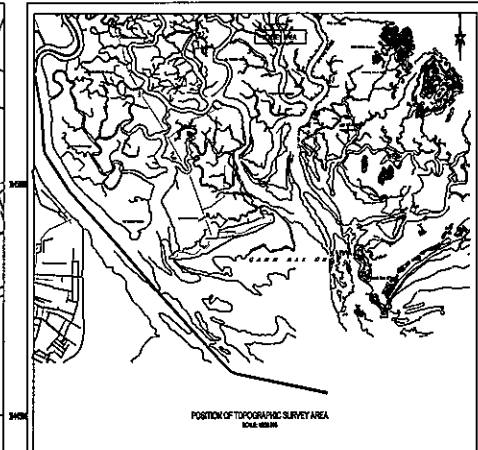
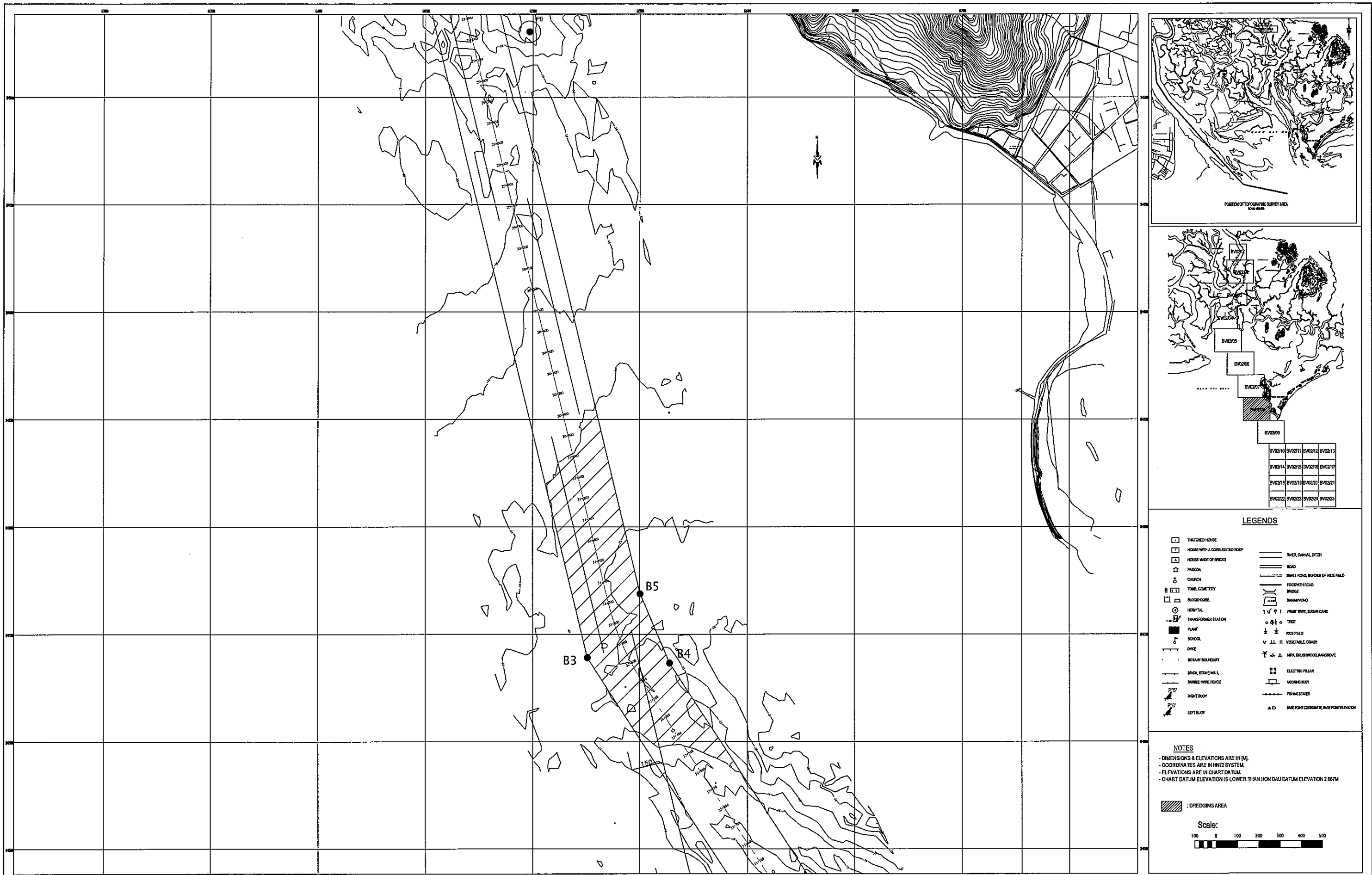
NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M)
- COORDINATES ARE IN WGS 84 SYSTEM.
- ELEVATIONS ARE IN CHART DATUM.
- CHART DATUM ELEVATION IS LOWER THAN HOW DAU DATUM ELEVATION 2.887M

: DREDGING AREA

Scale:

THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85					CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT					DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAO N. APPROVED BY: NAGAI K. ISSUE DATE: 30/SEP/2005 SCALE: SCALE					SECTION: SUB-SECTION: TITLE OF DRAWING: DWG NO: NAVIGATION CHANNEL DREDGING CHANNEL DREDGING PLAN DREDGING PLAN(7)					REV. NO				
JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)					PACKAGE 3 NAVIGATION CHANNEL DREDGING					PAC3-NC-CDR-007					REV. NO									
REV NO	DATE	DESCRIPTION	BY	APP																				



LEGENDS

	THATCHED HOUSE		RIVER CHANNEL DITCH
	HOUSE WITH A CORRUGATED ROOF		ROAD
	HOUSE MADE OF BRICKS		SMALL ROAD, BORDER OF RICE FIELD
	PAGODA		FOOTPATH ROAD
	CHURCH		BRIDGE
	TOMB CEMETERY		SWAMPY POND
	BLOODHOUSE		FRUIT TREE, SUGAR CANE
	HOSPITAL		TREE
	TRANSFORMER STATION		RICE FIELD
	PLANT		VEGETABLE, GRASS
	SCHOOL		MPA, BRACKISH WATER MANGROVE
	DIKE		ELECTRIC PILLAR
	BOTANY BOUNDARY		MOWING BLOT
	BRICK STONE WALL		FISHING STAKES
	BAMBOO WIRE FENCE		BASE POINT COORDINATE, BASE POINT ELEVATION
	ROOF/BOAT		
	LEFT BUOY		

NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M)
- COORDINATES ARE IN WGS84 SYSTEM
- ELEVATIONS ARE IN CHART DATUM
- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.867M

: DREDGING AREA

Scale:

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

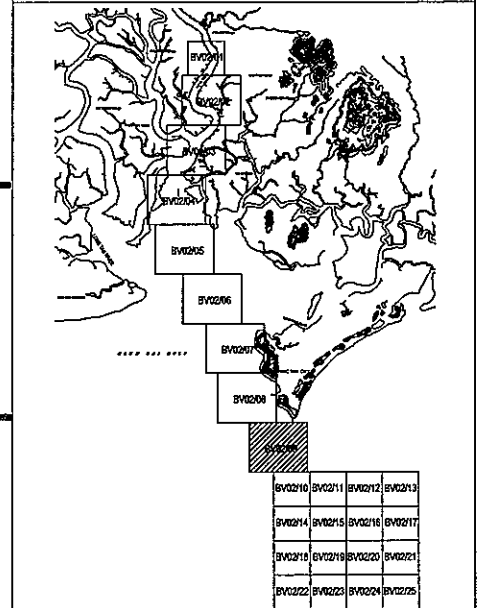
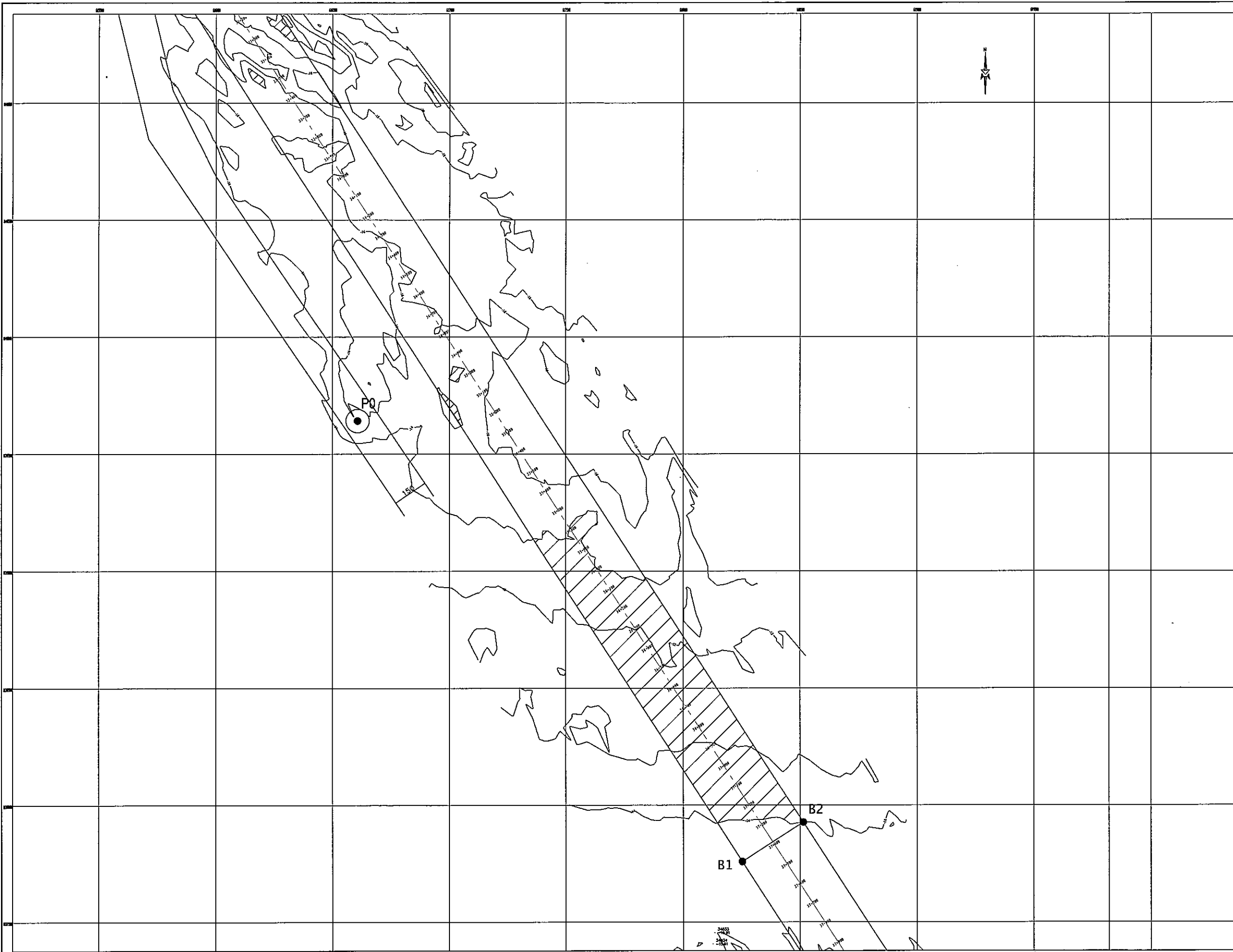
JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY
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 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
 DRAWN BY: NGUYEN VIET DUNG
 CHECKED BY: NAGAO N.
 APPROVED BY: NAGAI K.
 ISSUE DATE: 30/SEP/2005
 SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
 SUB-SECTION: CHANNEL DREDGING PLAN
 TITLE OF DRAWING: DREDGING PLAN(8)
 DWG NO: PAC3-NC-CDR-008
 REV. NO



LEGENDS

[Symbol] THATCHED HOUSE	[Symbol] POND, CANAL, DITCH
[Symbol] HOUSE WITH A CORRUGATED ROOF	[Symbol] ROAD
[Symbol] HOUSE MADE OF BRICKS	[Symbol] SMALL ROAD, BORDER OF RICE FIELD
[Symbol] PAGODA	[Symbol] FOOTPATH ROAD
[Symbol] CHURCH	[Symbol] BRIDGE
[Symbol] TOMB, CEMETERY	[Symbol] SWAMPY POND
[Symbol] BLOODHOUSE	[Symbol] FRUIT TREE, SUGAR-CANE
[Symbol] HOSPITAL	[Symbol] WINE
[Symbol] TRANSFORMER STATION	[Symbol] RICE FIELD
[Symbol] PLANT	[Symbol] VEGETABLE, GRASS
[Symbol] SCHOOL	[Symbol] MPA, BRUSHWOOD, MANGROVE
[Symbol] DUNE	[Symbol] ELECTRIC PILLAR
[Symbol] RECTANGULAR BOUNDARY	[Symbol] WOODING BUYS
[Symbol] BRICK, STONE WALL	[Symbol] ROAD STONES
[Symbol] BARBED WIRE FENCE	[Symbol] BASE POINT COORDINATE, BASE POINT ELEVATION
[Symbol] RIGHT BUOY	
[Symbol] LEFT BUOY	

NOTES

- DIMENSIONS & ELEVATIONS ARE IN (M).
- COORDINATES ARE IN HN72 SYSTEM.
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- CHART DATUM ELEVATION IS LOWER THAN HON DAU DATUM ELEVATION 2.867M

[Symbol] : DREDGING AREA

Scale:
100 0 100 200 300 400 500

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY
 ASSIGNED TO:
 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

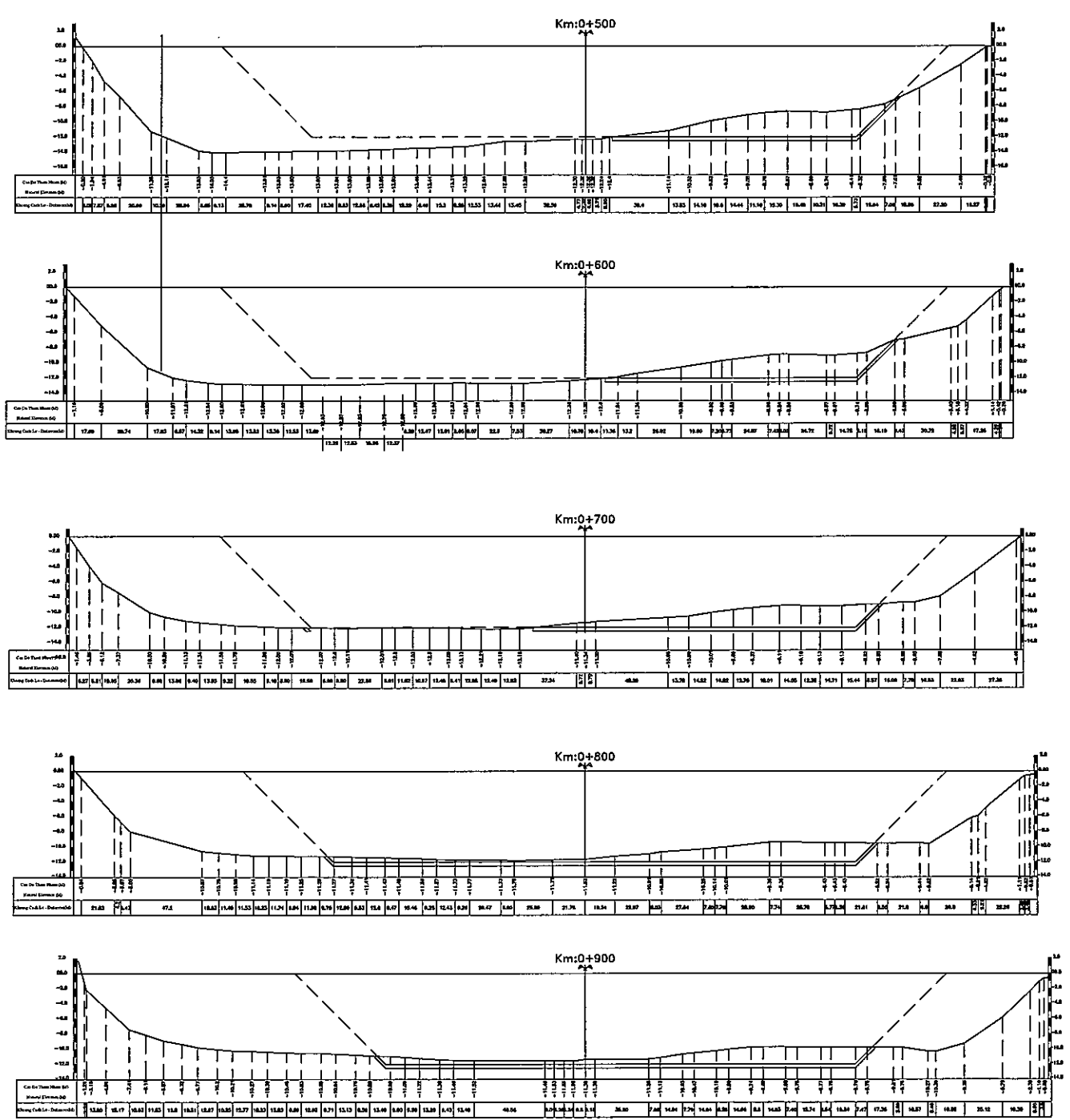
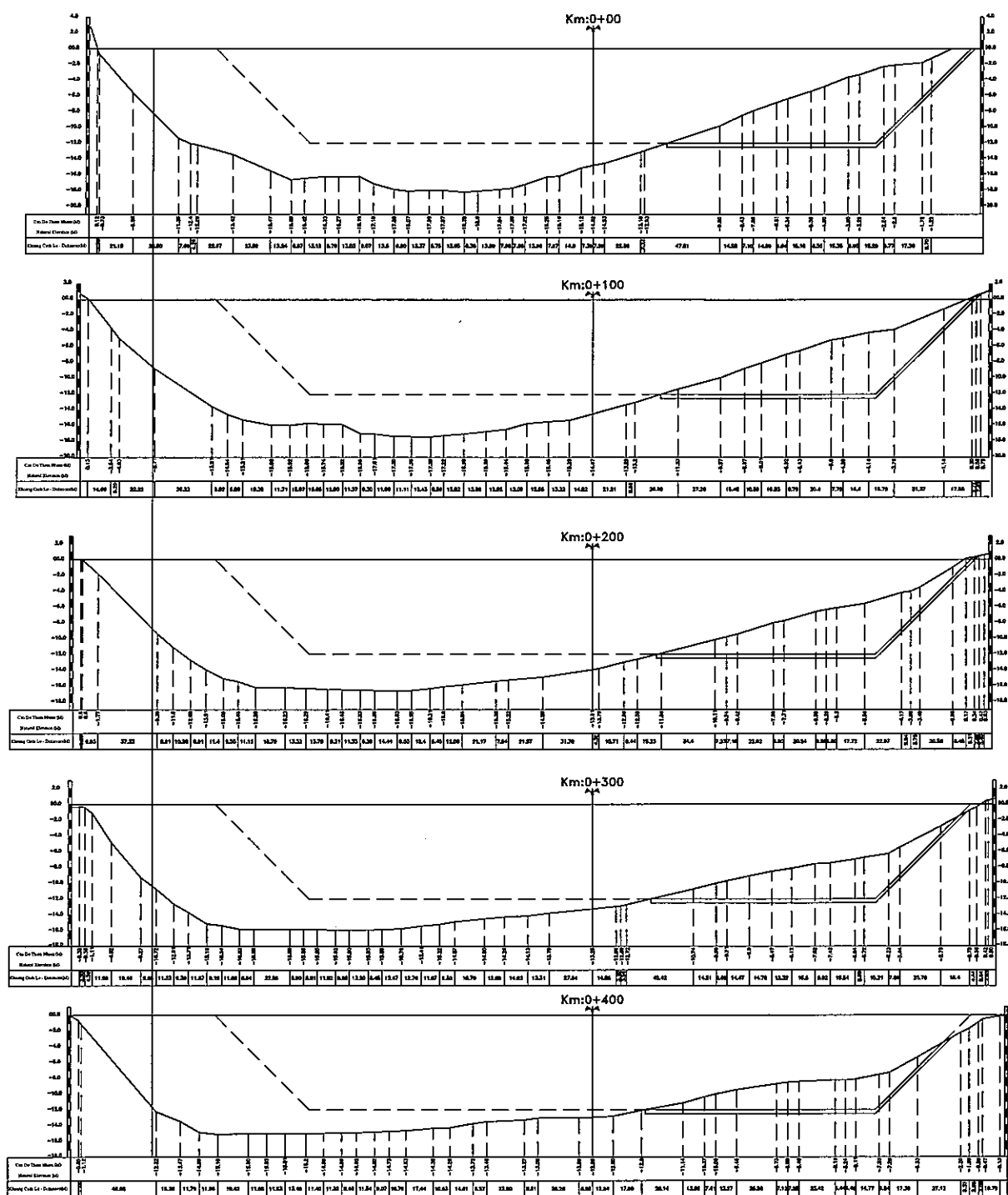
PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
 DRAWN BY: NGUYEN VIET DUNG
 CHECKED BY: NAGAO N.
 APPROVED BY: NAGAI K.
 ISSUE DATE: 30/SEP/2005
 SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
 SUB-SECTION: CHANNEL DREDGING PLAN
 TITLE OF DRAWING: DREDGING PLAN(9)
 DWG NO: PAC3-NC-CDR-009
 REV. NO

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM H/72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANTS INTERNATIONAL (JPCI)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

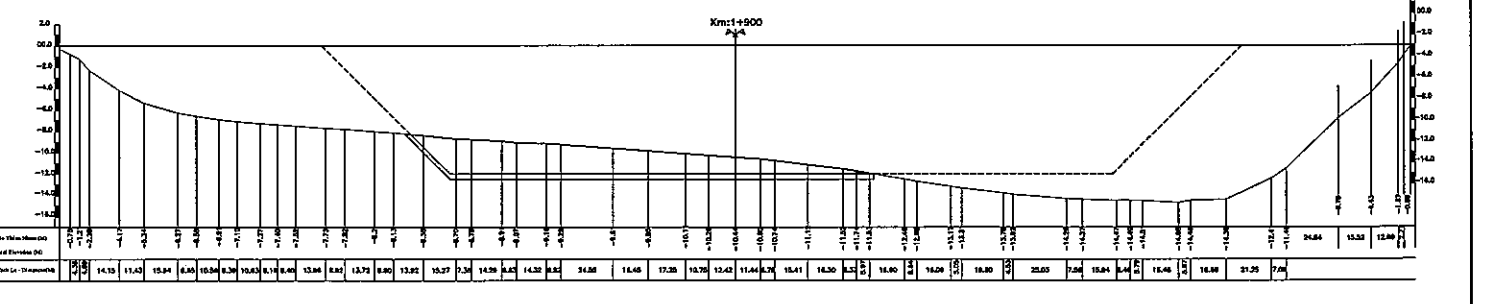
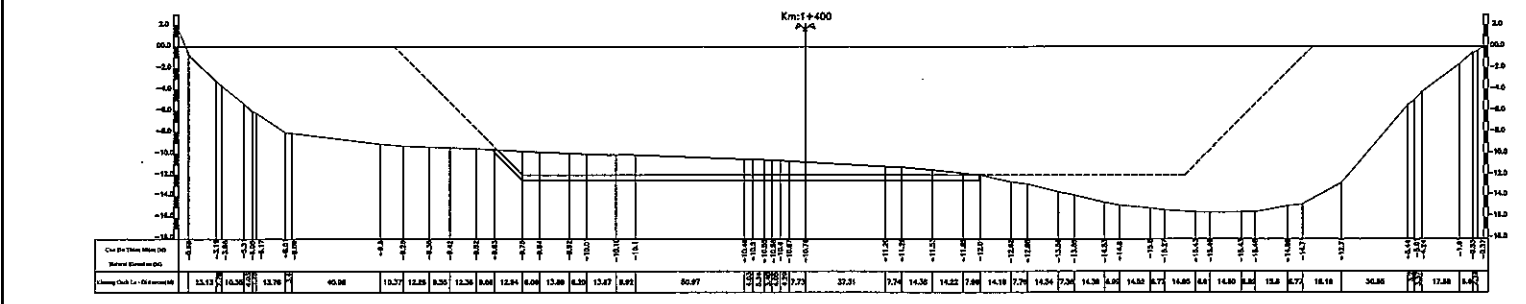
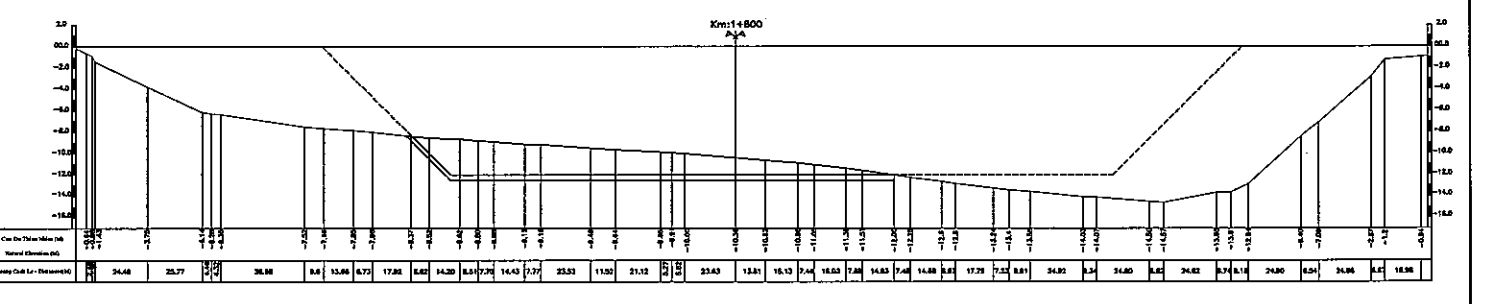
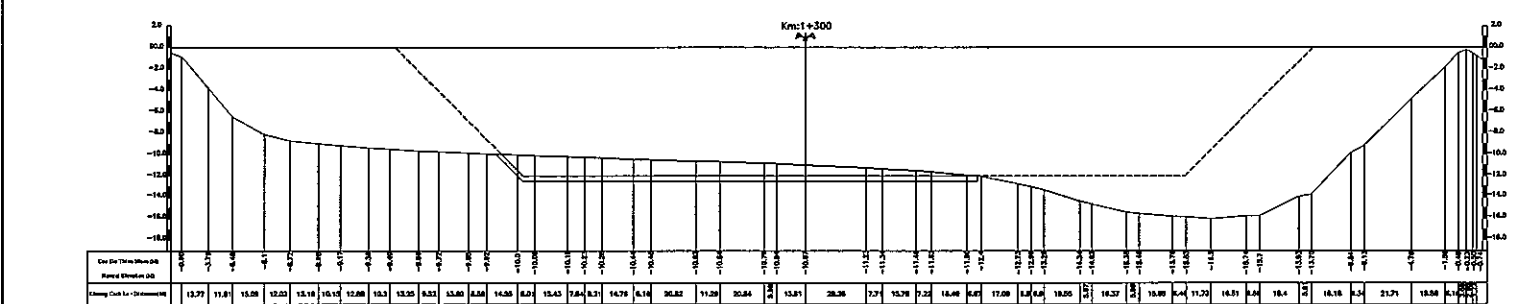
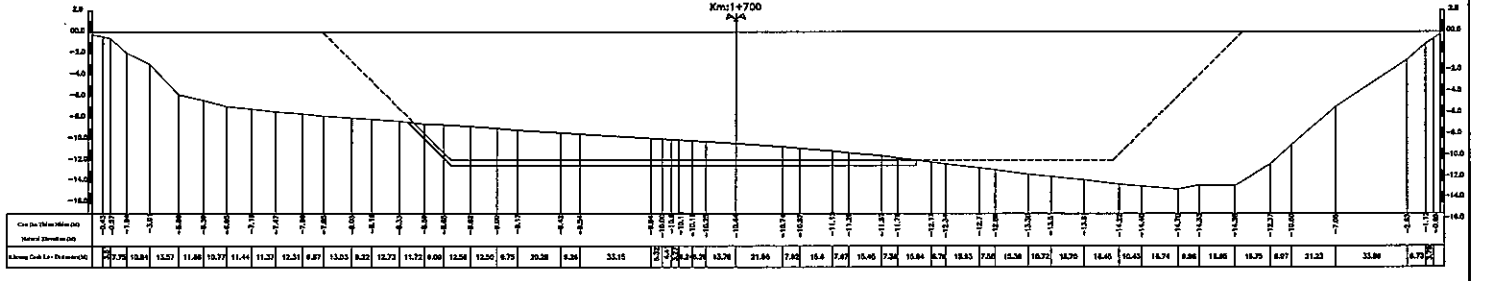
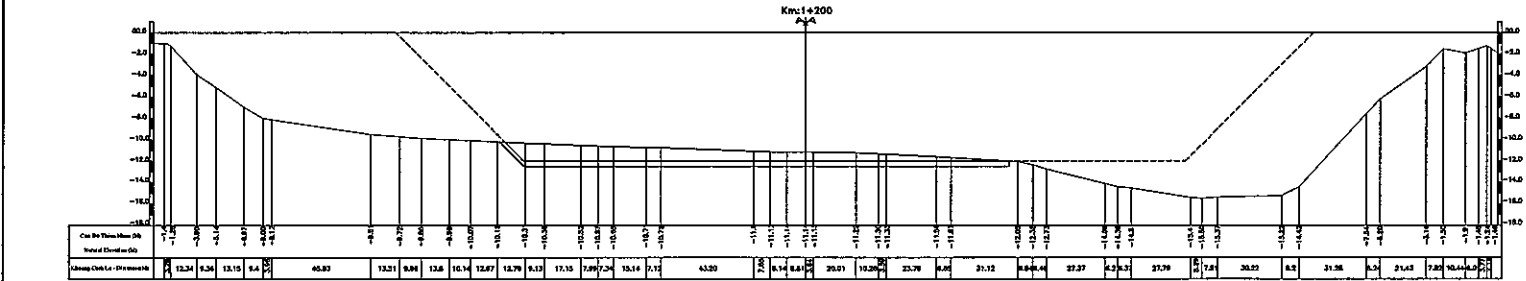
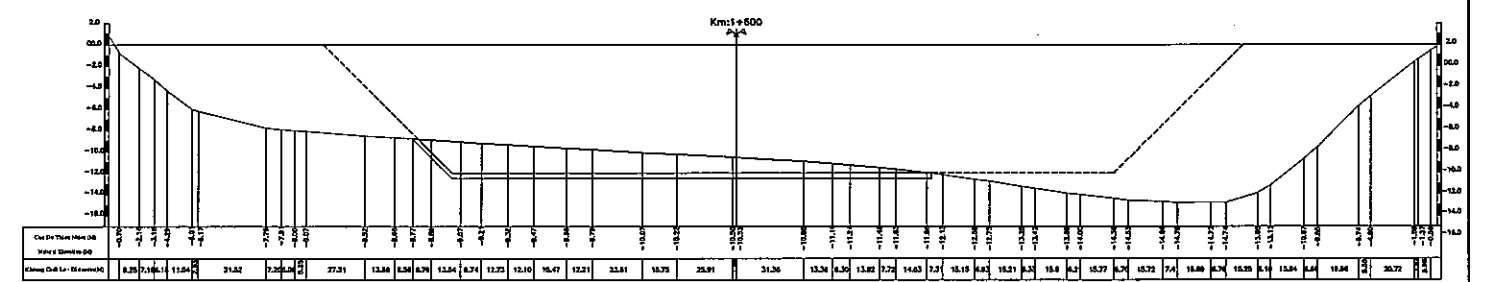
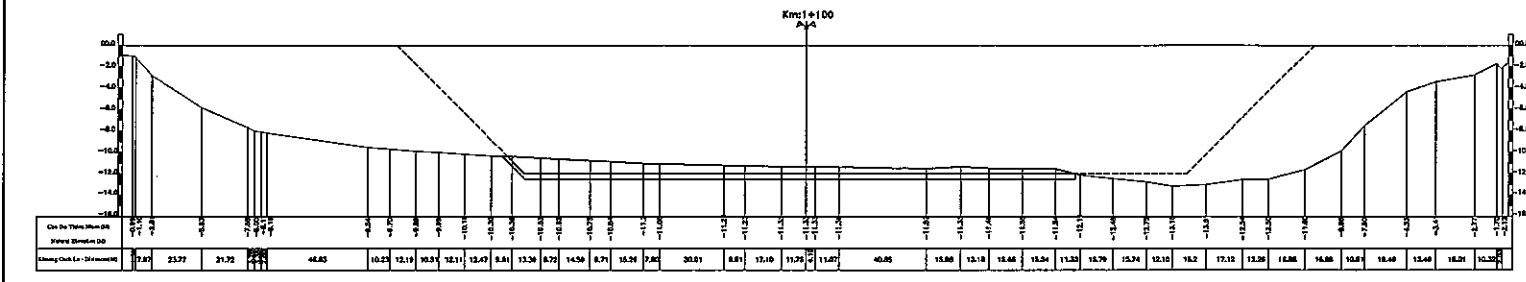
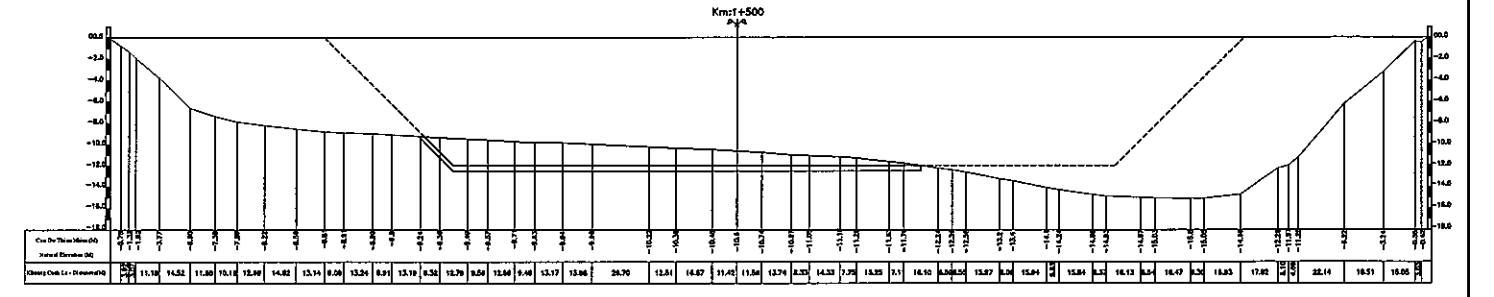
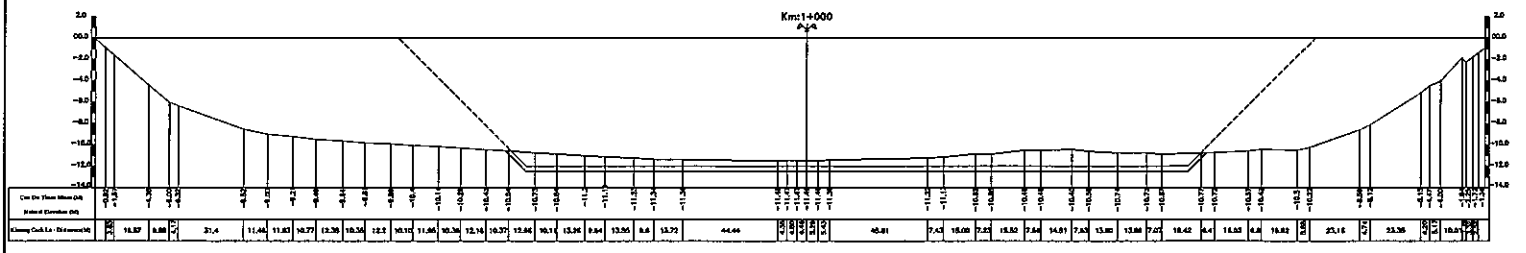
PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
DRAWN BY: NGUYEN VIET DUNG
CHECKED BY: NAGAO N.
APPROVED BY: NAGAI K.
ISSUE DATE: 30/SEP/2005
SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
SUB-SECTION: CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING: CROSS SECTION (1) -KM 0+000 -0+900
DWG NO: PAC3-NC-CDC-001
REV. NO

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HNTZ
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.687M)
- ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JICA
JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

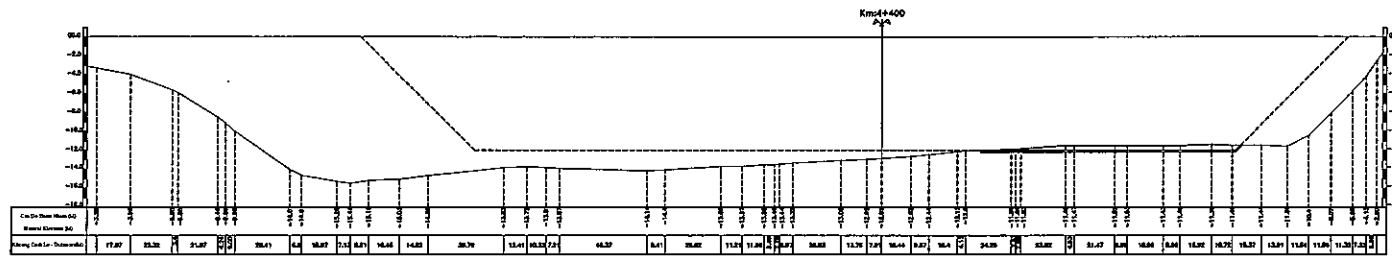
CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E	SECTION: NAVIGATION CHANNEL DREDGING
DRAWN BY: NGUYEN VIET DUNG	SUB-SECTION: CHANNEL DREDGING CROSS SECTION
CHECKED BY: NAGAO N	TITLE OF DRAWING: CROSS SECTION (2) - KM 1+000 - 1+900
APPROVED BY: NACAI K	DWG NO: PAC3-NC-CDC-002
ISSUE DATE: 30/SEP/2005	REV. NO
SCALE: SCALE	

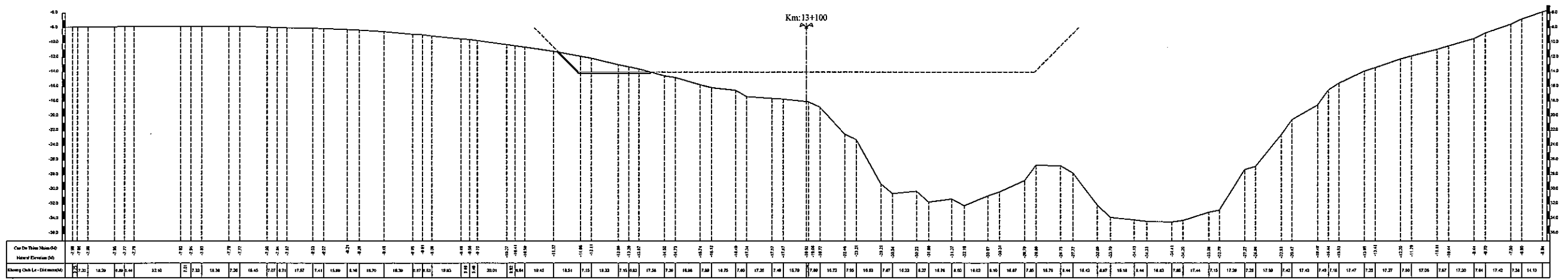
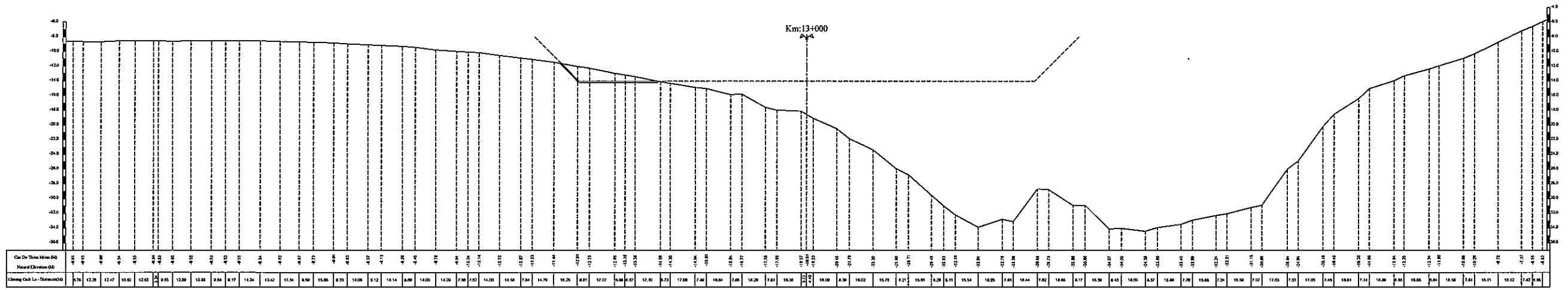
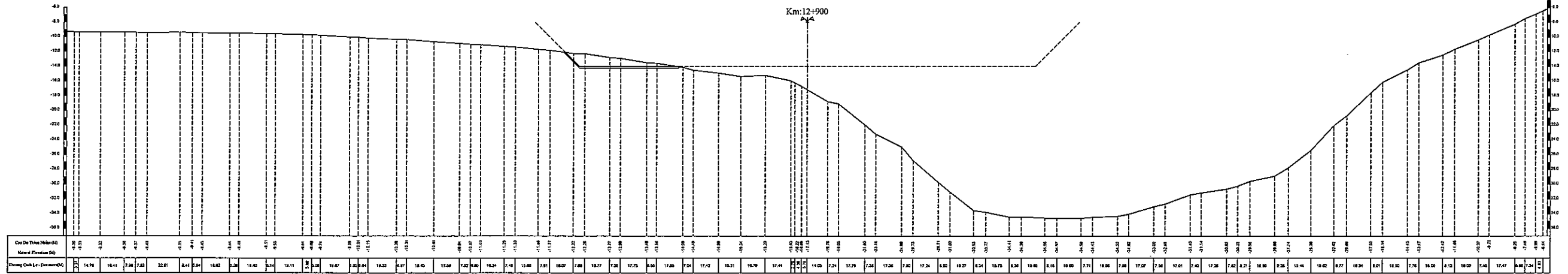
CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000

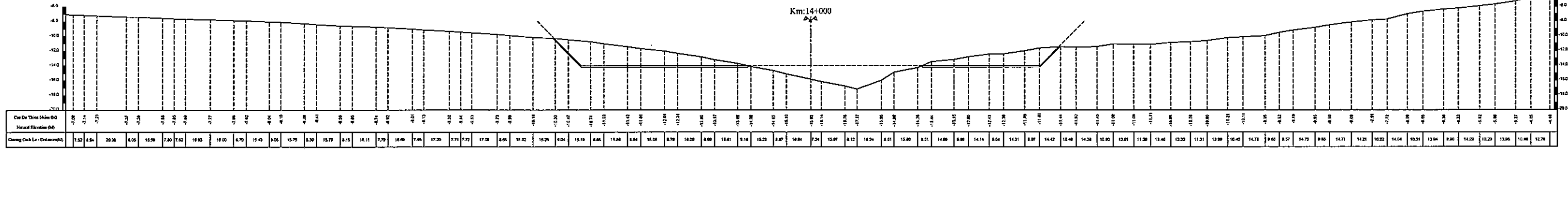
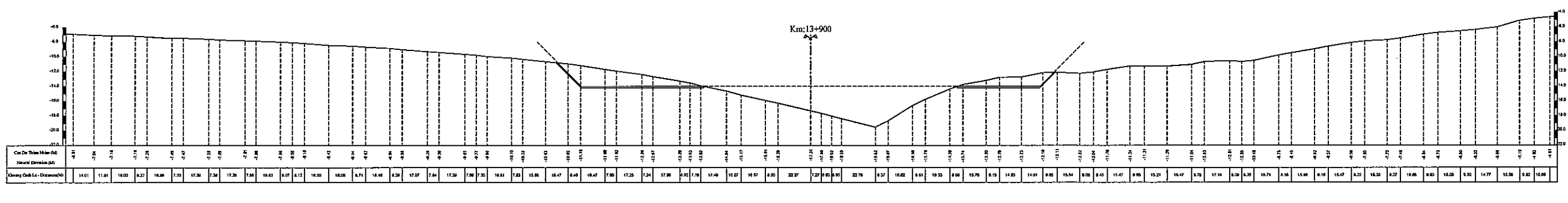
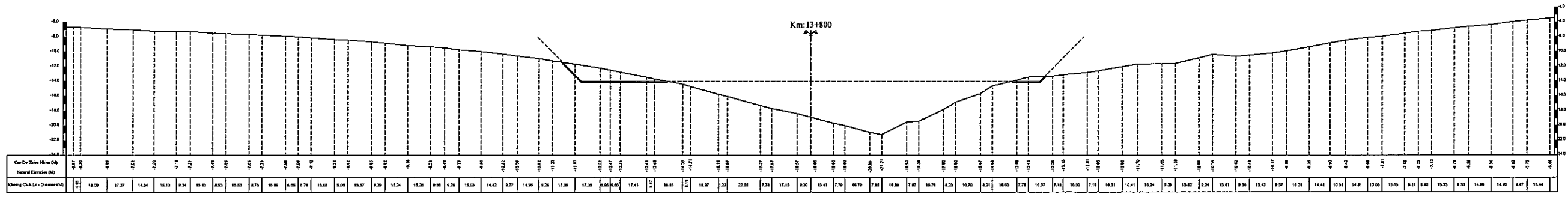
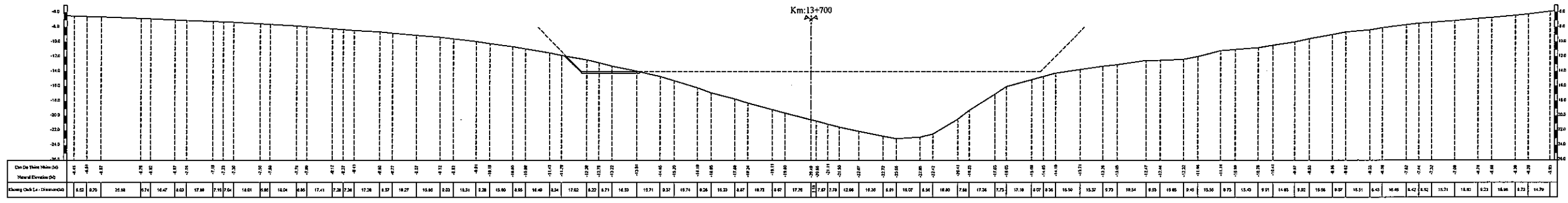
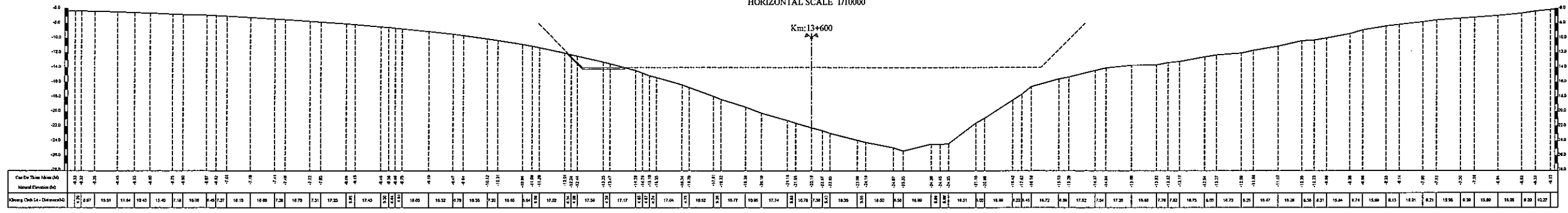


NOTES
- COORDINATE SYSTEM HN72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN [M]

THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85					CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT					DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAI K. APPROVED BY: NAGAI K. ISSUE DATE: 30/SEP/2005 SCALE: SCALE		SECTION: SUB-SECTION: TITLE OF DRAWING:		NAVIGATION CHANNEL DREDGING CHANNEL DREDGING CROSS SECTION CROSS SECTION(10) -KM 12+900 -13+100	
JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)					PACKAGE 3 NAVIGATION CHANNEL DREDGING							DWG NO: PAC3-NC-CDC-010		REV. NO	
REV NO	DATE	DESCRIPTION	BY	APP											

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
 - COORDINATE SYSTEM HN72
 - CHART DATUM
 (CHART DATUM = HON DAU DATUM + 2.667M)
 - ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
 MINISTRY OF TRANSPORT
 PROJECT MANAGEMENT UNIT 85

JAPAN INTERNATIONAL COOPERATION AGENCY
 ASSIGNED TO:
 JAPAN PORT CONSULTANT (JPC)
 PACIFIC CONSULTANTS INTERNATIONAL (PCI)
 INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

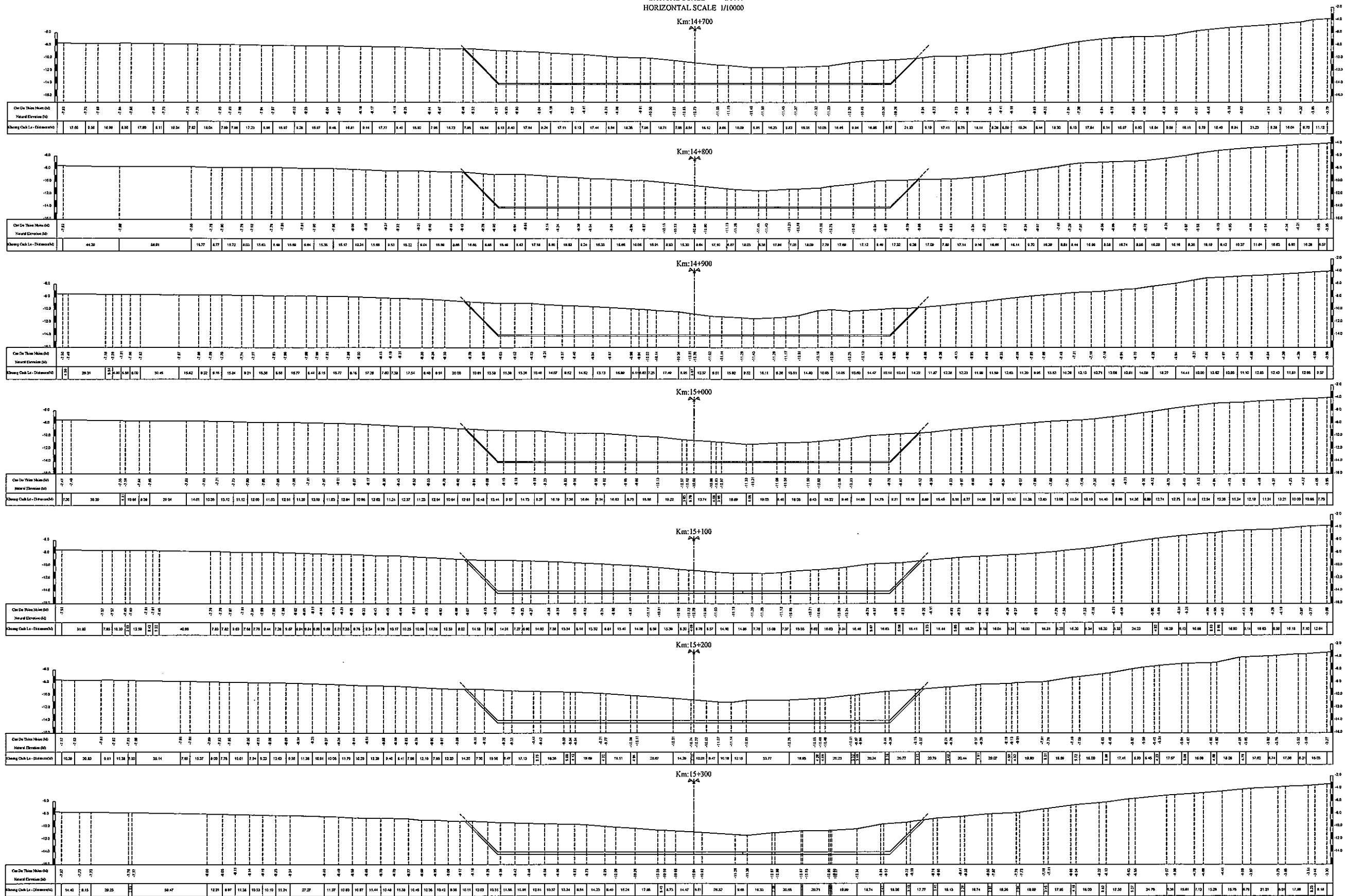
CAI MEP - THI VAI INTERNATIONAL PORT
 CONSTRUCTION PROJECT

PACKAGE 3
 NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E	DRAWN BY: NGUYEN VIET DUNG	SECTION: NAVIGATION CHANNEL DREDGING	SUB-SECTION: CHANNEL DREDGING CROSS SECTION
CHECKED BY: NAGAI K	APPROVED BY: NAGAI K	TITLE OF DRAWING: CROSS SECTION(12) -KM 13+600 -14+000	
ISSUE DATE: 30/SEP/2005	DWG NO: PAC3-NC-CDC-012	REV. NO	
SCALE: SCALE			

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HN72
- CHART DATUM
(CHART DATUM = HON DUU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JICA
JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

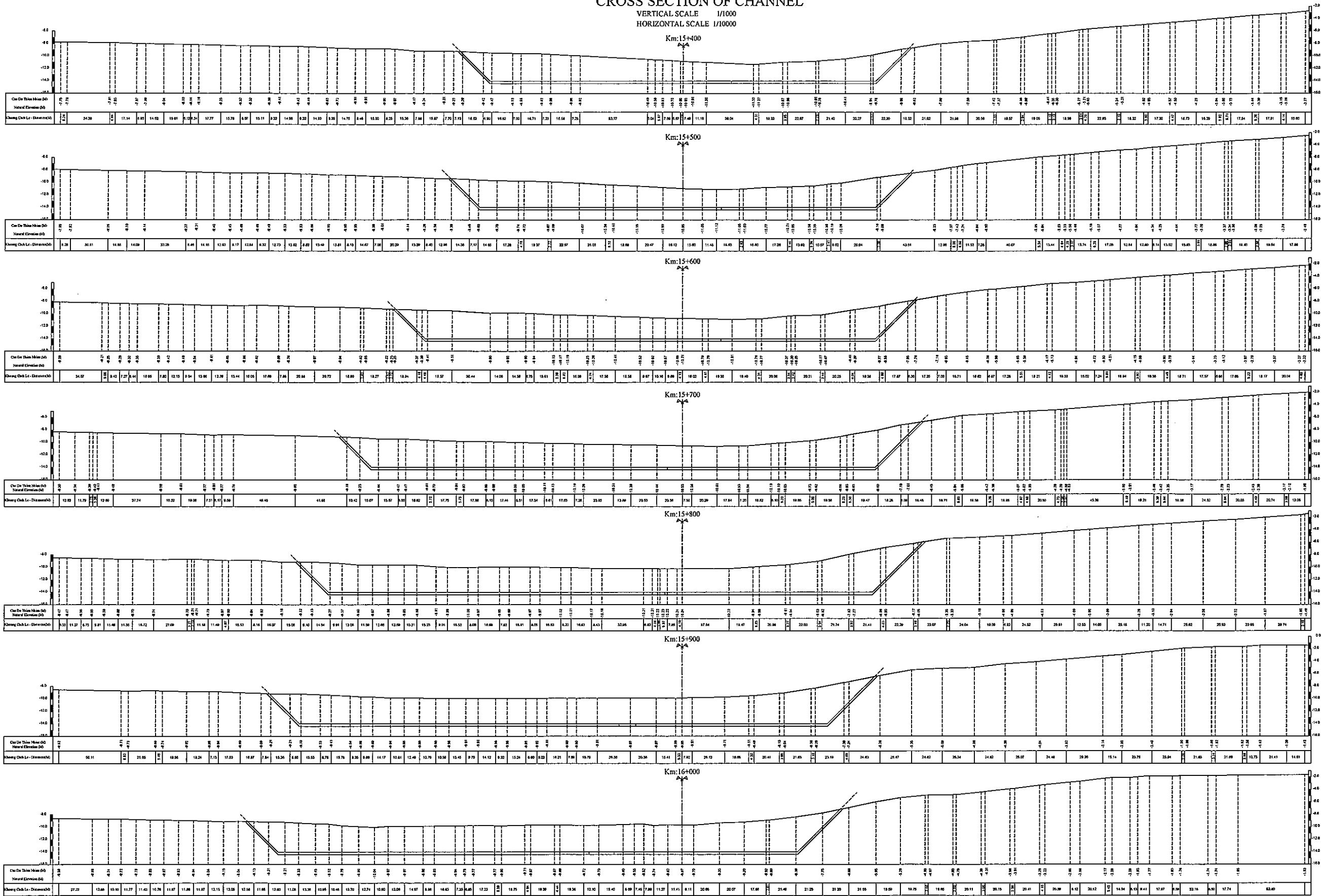
PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
DRAWN BY: NGUYEN VIET DUNG
CHECKED BY: NAGAO N.
APPROVED BY: NAGAI K.
ISSUE DATE: 30/SEP/2005
SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
SUB-SECTION: CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING: CROSS SECTION(14) -KM 14+700 -15+300
DWG NO: PAC3-NC-CDC-014
REV. NO

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HN72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JICA
JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

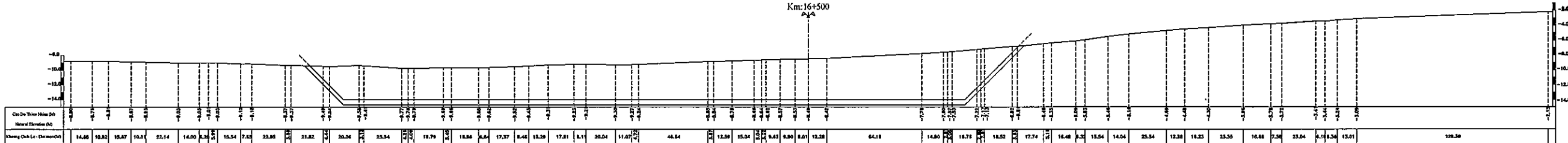
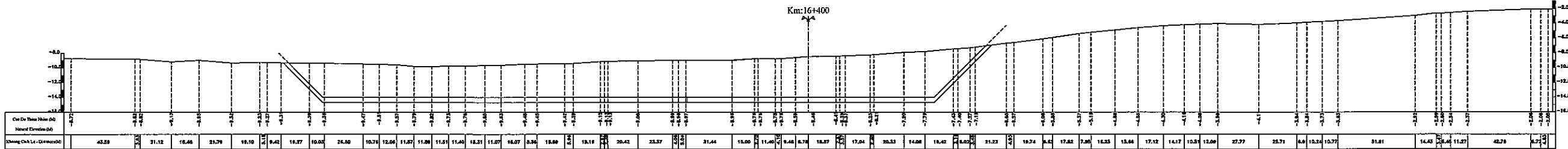
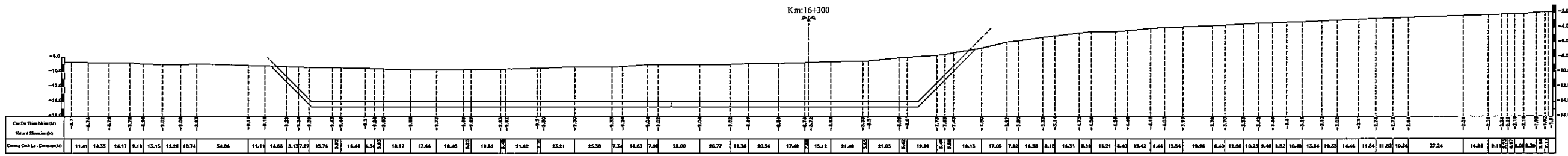
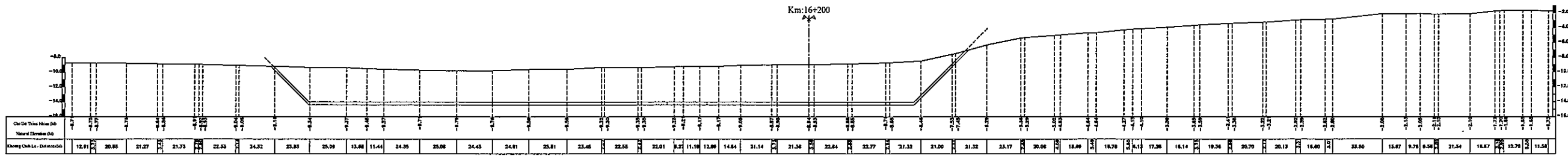
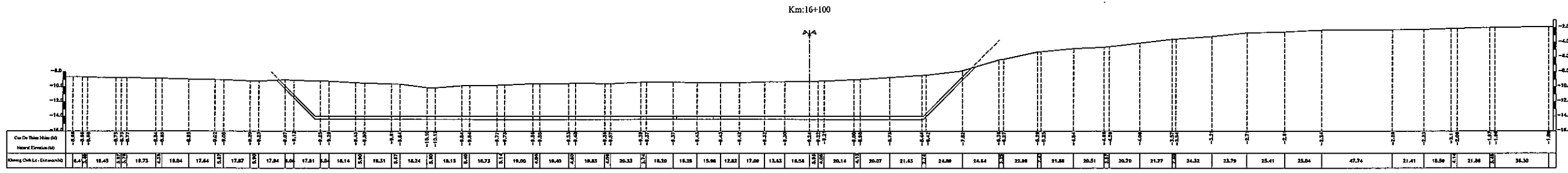
PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
DRAWN BY: NGUYEN VIET DUNG
CHECKED BY: NAGAO N.
APPROVED BY: NAGAI K.
ISSUE DATE: 30/SEP/2005
SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
SUB-SECTION: CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING: CROSS SECTION(15) -KM 15+400 -16+000
DWG NO: PAC3-NC-CDC-015

REV. NO

CROSS SECTION OF CHANNEL
 VERTICAL SCALE 1/1000
 HORIZONTAL SCALE 1/10000

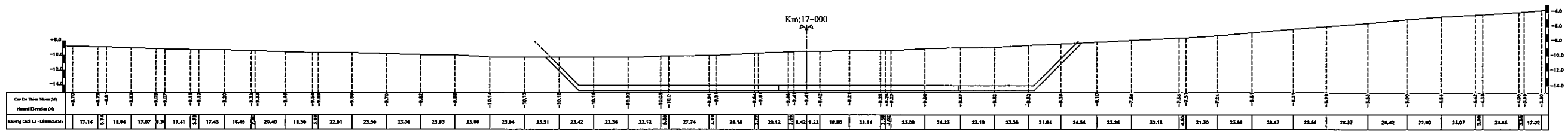
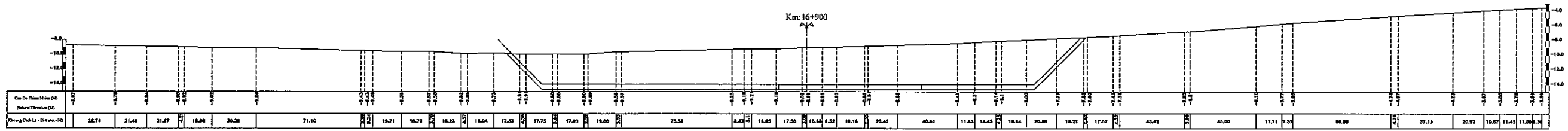
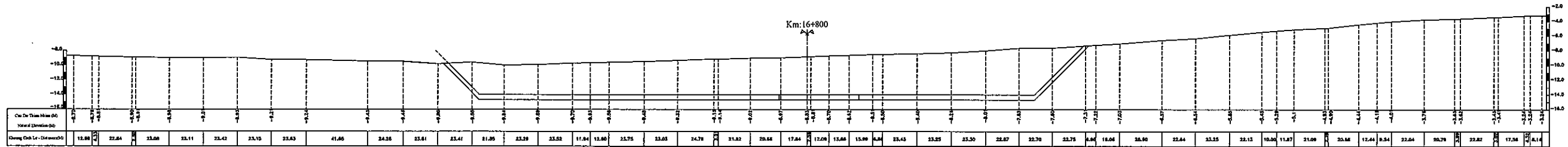
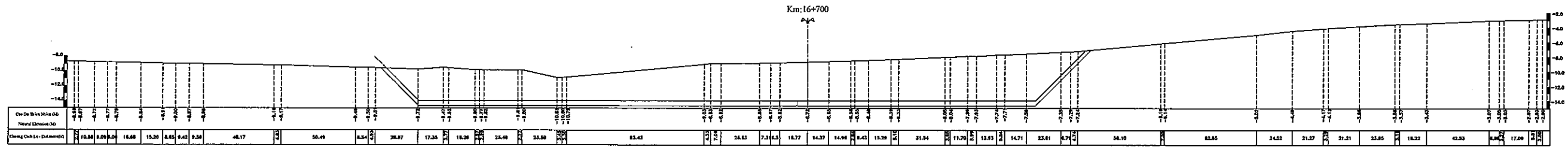
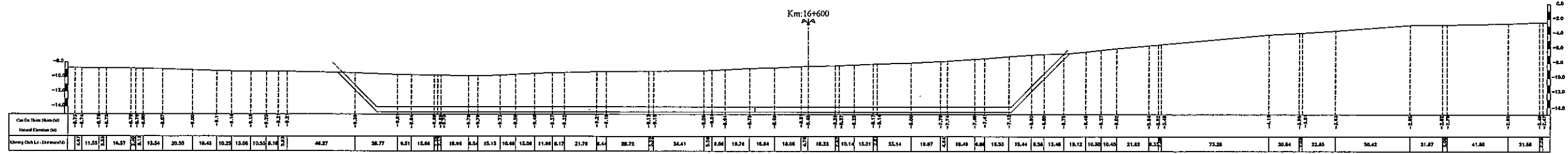


NOTES
 - COORDINATE SYSTEM HN72
 - CHART DATUM
 (CHART DATUM = HON DAU DATUM + 2.887M)
 - ALL ELEVATIONS ARE IN [M]

THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85					CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT					DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAI N. APPROVED BY: NAGAI K. ISSUE DATE: 30/SEP/2005 SCALE: SCALE		SECTION: NAVIGATION CHANNEL DREDGING SUB-SECTION: CHANNEL DREDGING CROSS SECTION TITLE OF DRAWING: CROSS SECTION(16) -KM 16+100 -16+500 DWG NO: PAC3-NC-CDC-016		REV. NO
JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)					PACKAGE 3 NAVIGATION CHANNEL DREDGING									
REV NO	DATE	DESCRIPTION	BY	APP										

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000

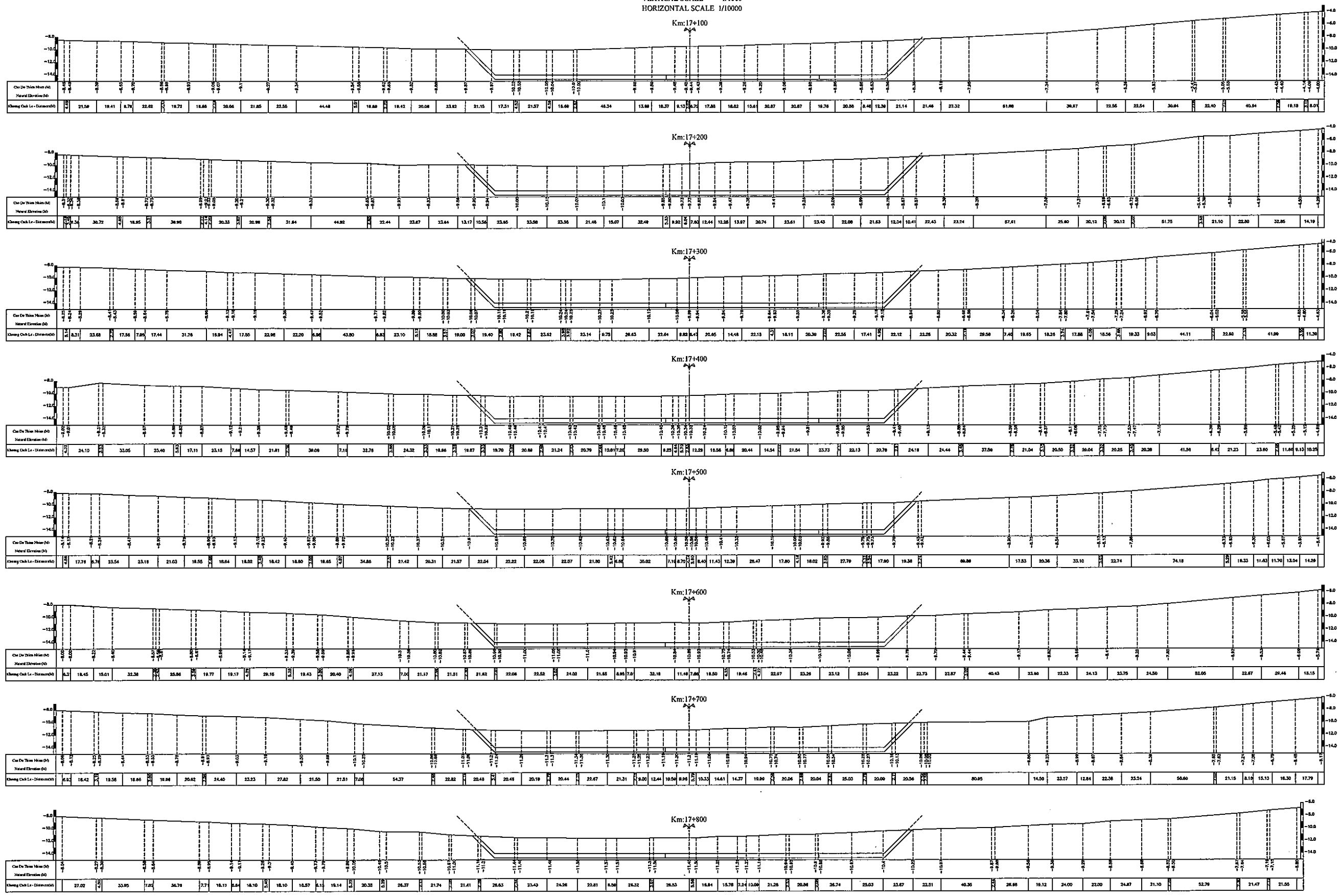


NOTES
- COORDINATE SYSTEM H/72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN (M)

					THE SOCIALIST REPUBLIC OF VIETNAM MINISTRY OF TRANSPORT PROJECT MANAGEMENT UNIT 85		CAI MEP - THI VAI INTERNATIONAL PORT CONSTRUCTION PROJECT		DESIGNED BY: SASAKI E DRAWN BY: NGUYEN VIET DUNG CHECKED BY: NAGAO N. APPROVED BY: NAGAI K. ISSUE DATE: 30/SEP/2005 SCALE: SCALE		SECTION: NAVIGATION CHANNEL DREDGING SUB-SECTION: CHANNEL DREDGING CROSS SECTION TITLE OF DRAWING: CROSS SECTION(17) -KM 16+600 -17+000 DWG NO: PAC3-NC-CDC-017		REV. NO
REV NO	DATE	DESCRIPTION	BY	APP	JAPAN INTERNATIONAL COOPERATION AGENCY ASSIGNED TO: JAPAN PORT CONSULTANT (JPC) PACIFIC CONSULTANTS INTERNATIONAL (PCI) INTERNATIONAL DEVELOPMENT SYSTEM (IDS)		PACKAGE 3 NAVIGATION CHANNEL DREDGING						

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HN72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN [M]

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JICA
JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

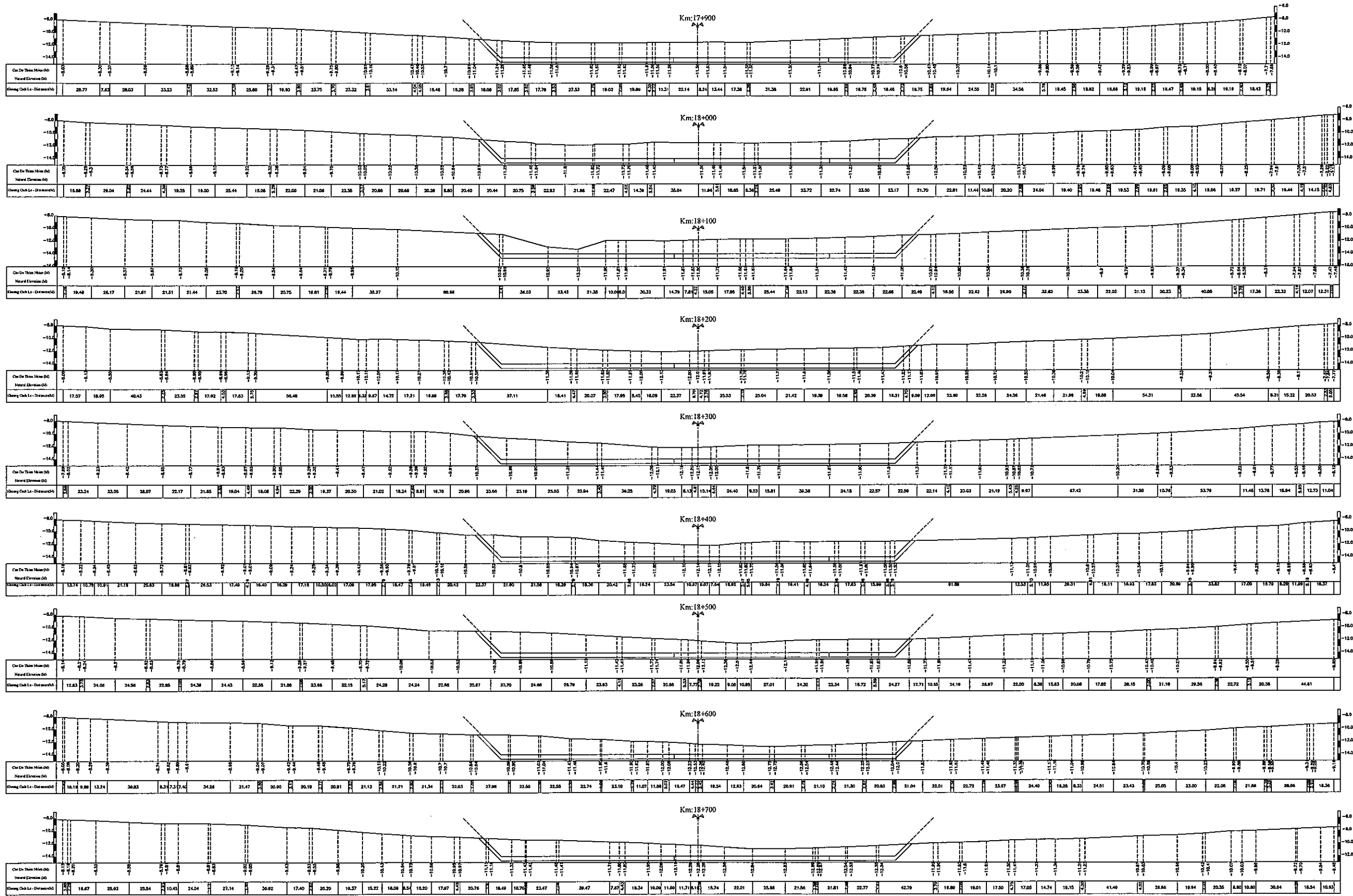
PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
DRAWN BY: NGUYEN VIET DUNG
CHECKED BY: NAGAO N.
APPROVED BY: NAGAI K.
ISSUE DATE: 30/SEP/2005
SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
SUB-SECTION: CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING: CROSS SECTION(18) -KM 17+100 -17+800
DWG NO: PAC3-NC-CDC-018
REV. NO:

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HN72
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.887M)
- ALL ELEVATIONS ARE IN (M)

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

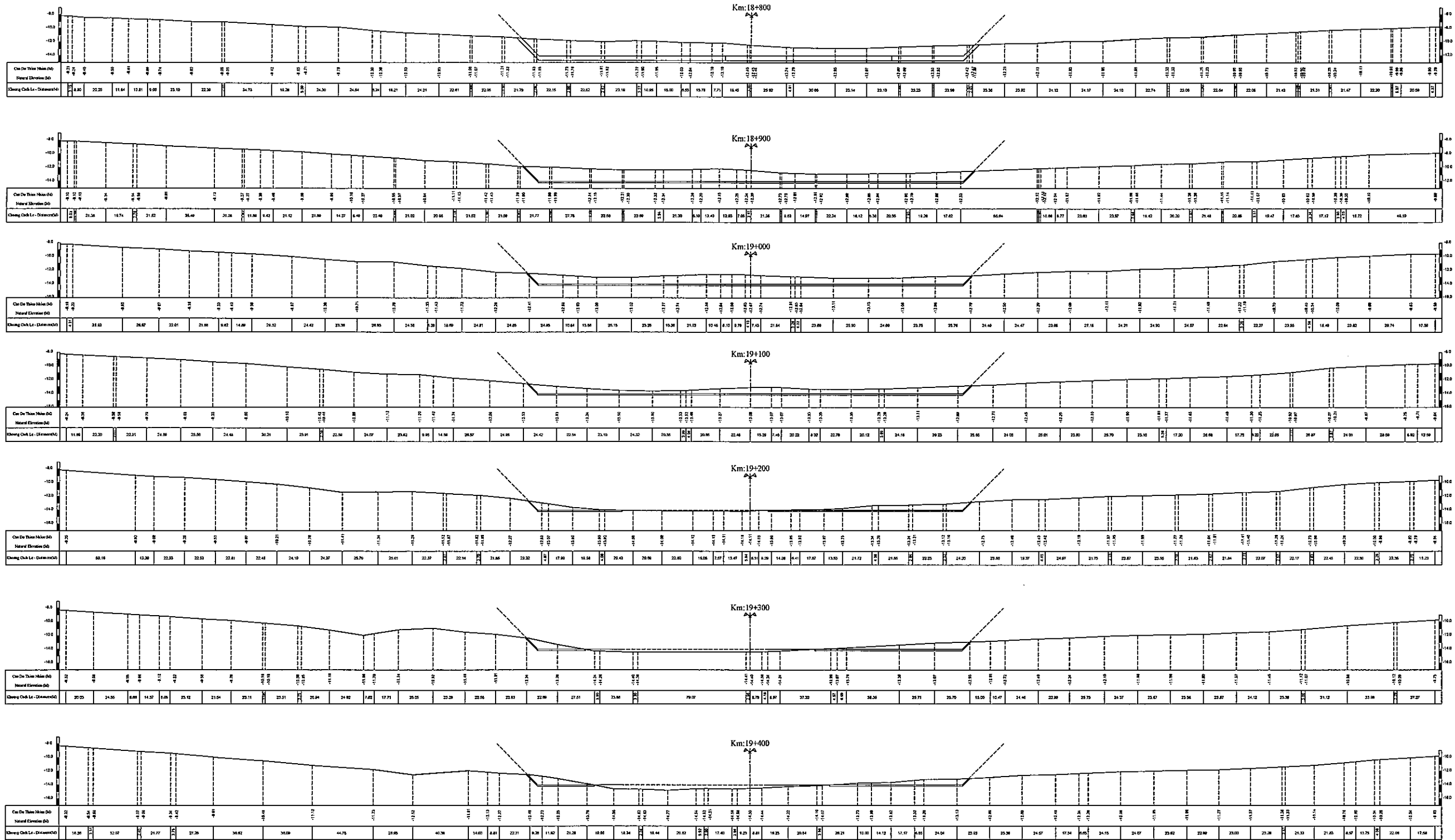
PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY: SASAKI E
DRAWN BY: NGUYEN VIET DUNG
CHECKED BY: NAGAI K
APPROVED BY: NAGAI K
ISSUE DATE: 30/SEP/2005
SCALE: SCALE

SECTION: NAVIGATION CHANNEL DREDGING
SUB-SECTION: CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING: CROSS SECTION(19) - KM 17+900 - 18+700
DWG NO: PAC3-NC-CDC-019
REV. NO:

CROSS SECTION OF CHANNEL

VERTICAL SCALE 1/1000
HORIZONTAL SCALE 1/10000



NOTES
- COORDINATE SYSTEM HNTZ
- CHART DATUM
(CHART DATUM = HON DAU DATUM + 2.687M)
- ALL ELEVATIONS ARE IN [M]

REV NO	DATE	DESCRIPTION	BY	APP

THE SOCIALIST REPUBLIC OF VIETNAM
MINISTRY OF TRANSPORT
PROJECT MANAGEMENT UNIT 85

JAPAN INTERNATIONAL COOPERATION AGENCY
ASSIGNED TO:
JAPAN PORT CONSULTANT (JPC)
PACIFIC CONSULTANTS INTERNATIONAL (PCI)
INTERNATIONAL DEVELOPMENT SYSTEM (IDS)

CAI MEP - THI VAI INTERNATIONAL PORT
CONSTRUCTION PROJECT

PACKAGE 3
NAVIGATION CHANNEL DREDGING

DESIGNED BY:	SASAKI E
DRAWN BY:	NGUYEN VIET DUNG P2
CHECKED BY:	NAGAO N
APPROVED BY:	NAGAI K
ISSUE DATE:	30/SEP/2005
SCALE:	SCALE

SECTION:	NAVIGATION CHANNEL DREDGING
SUB-SECTION:	CHANNEL DREDGING CROSS SECTION
TITLE OF DRAWING:	CROSS SECTION(20) -KM 18+800 - 19+400
DWG NO:	PAC3-NC-CDC-020
REV. NO	