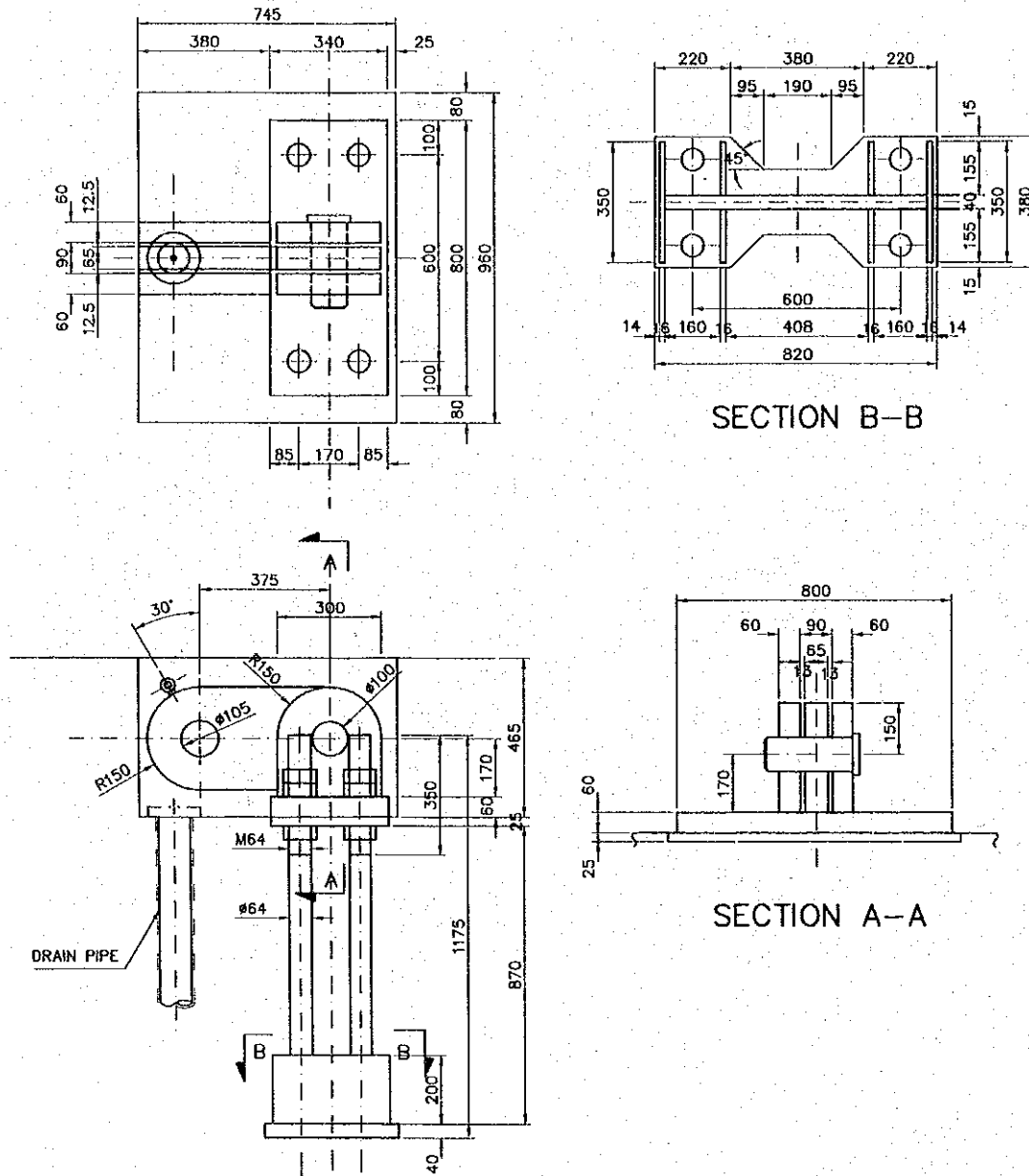


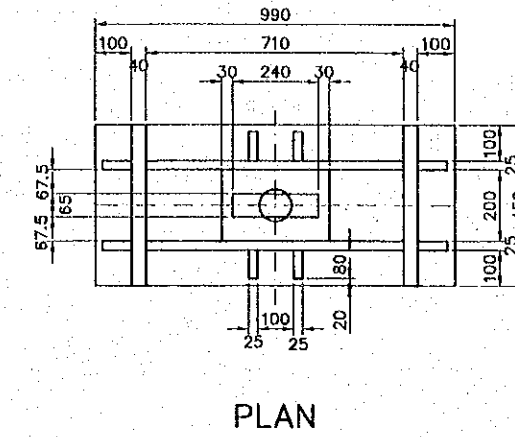
DETAIL OF ANCHORING FRAME  
(FOR REFERENCE)

SCALE 1:20

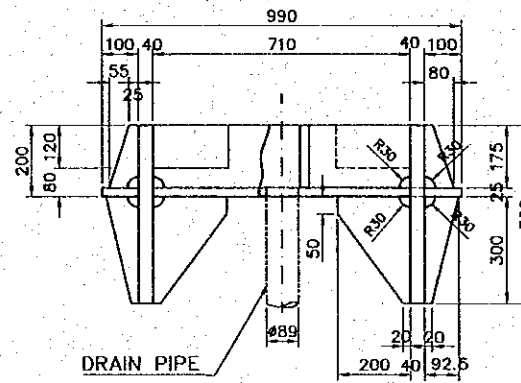


DETAIL OF SOCKET BLOCK  
(FOR REFERENCE)

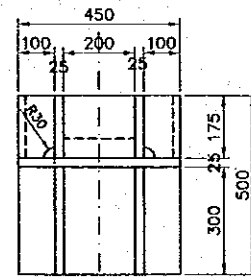
SCALE 1:20



PLAN



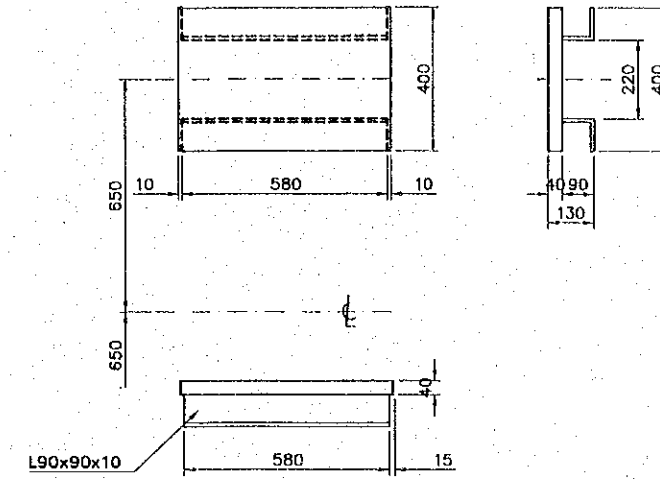
FRONT VIEW



LATERAL VIEW

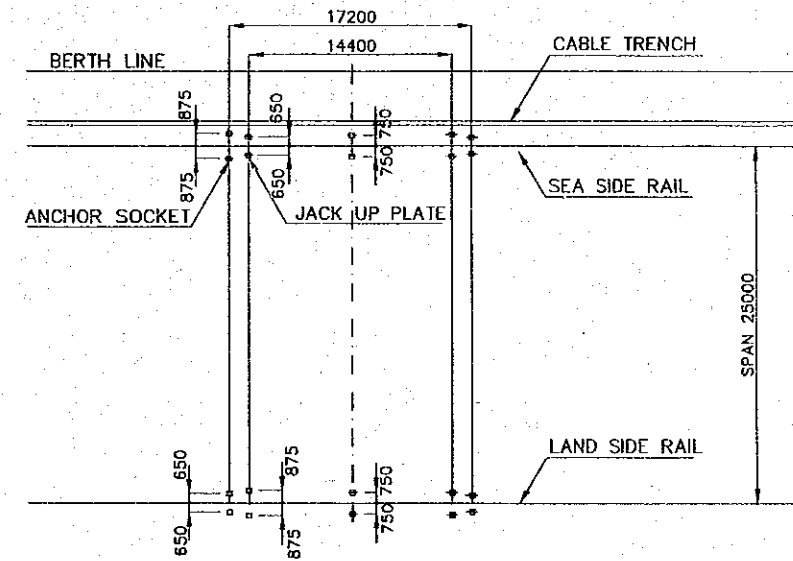
DETAIL OF JACK UP PLATE  
(FOR REFERENCE)

SCALE 1:20



PLAN OF ANCHOR AND JACK UP PLATE  
(FOR REFERENCE)

SCALE 1:500



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)

**Cepa**  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

**NIPON KOEI CO., LTD.**

DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : CONTAINER AND MULTI-PURPOSE BERTH  
TITLE :  
**DETAIL OF ANCHOR-JACK UP  
PLATE & SOCKET BLOCK**

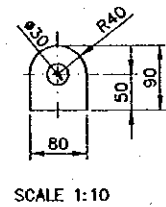
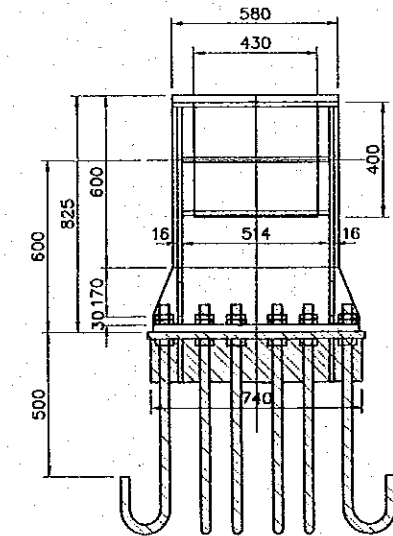
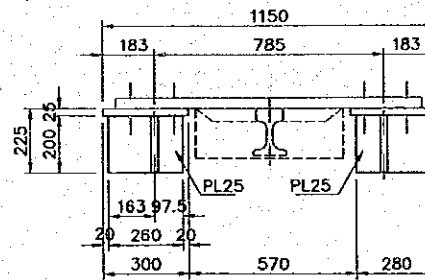
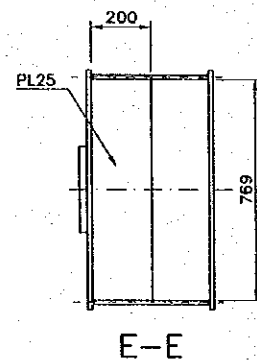
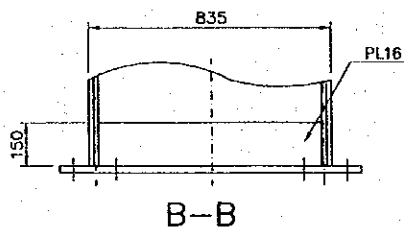
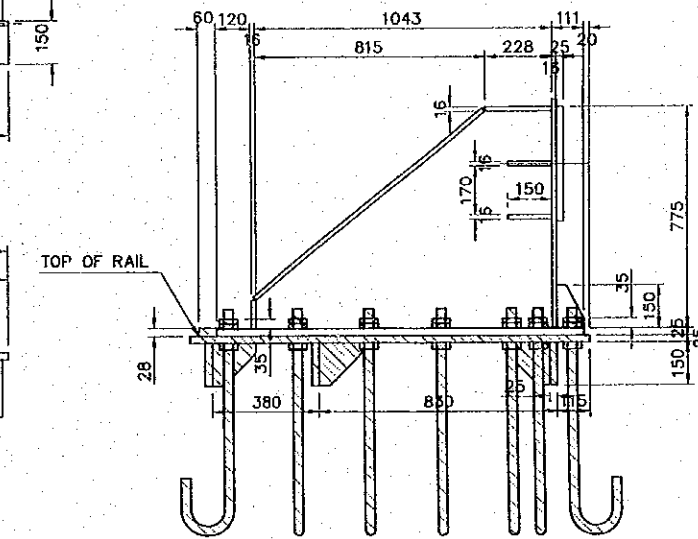
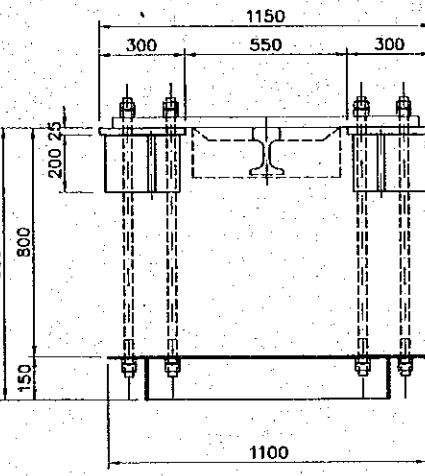
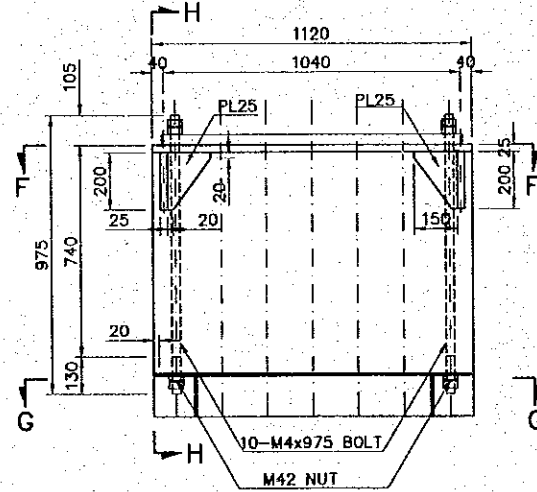
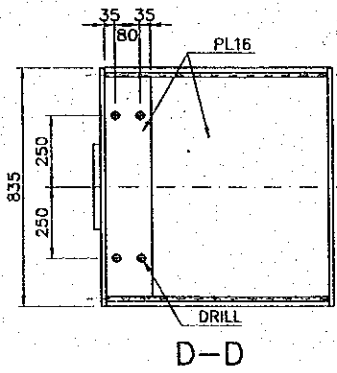
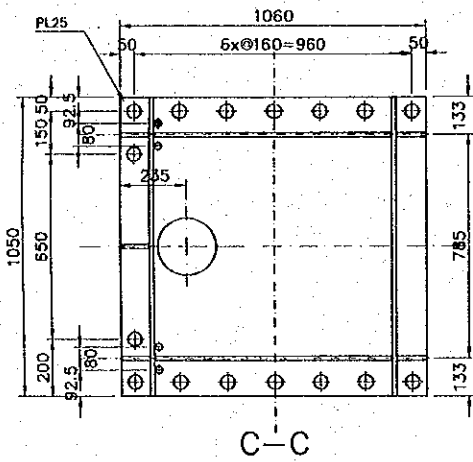
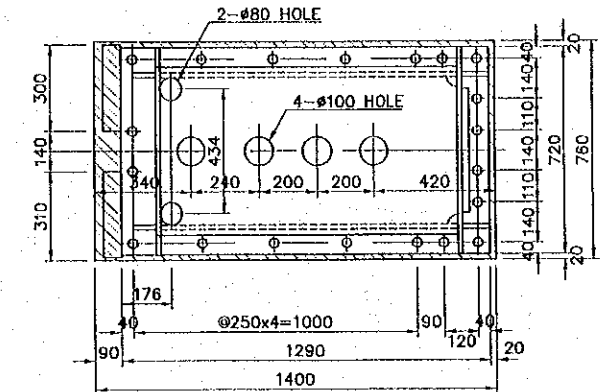
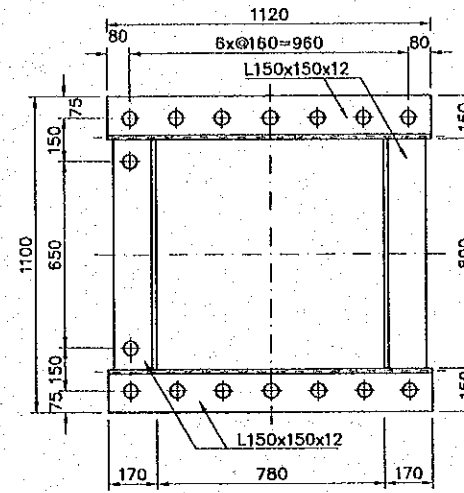
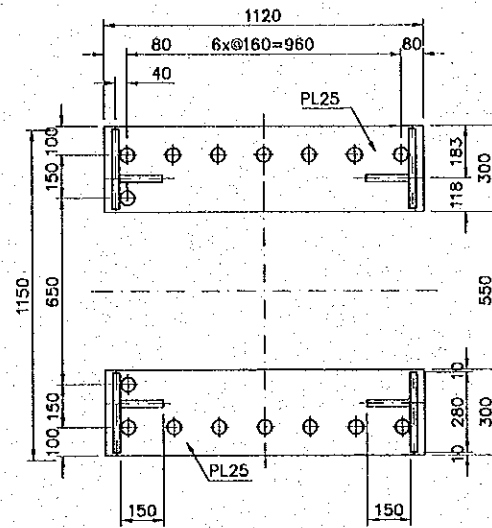
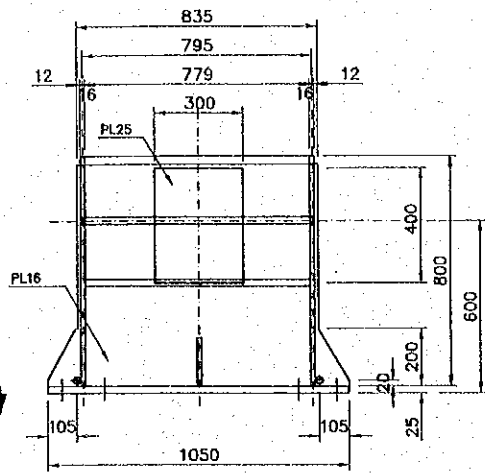
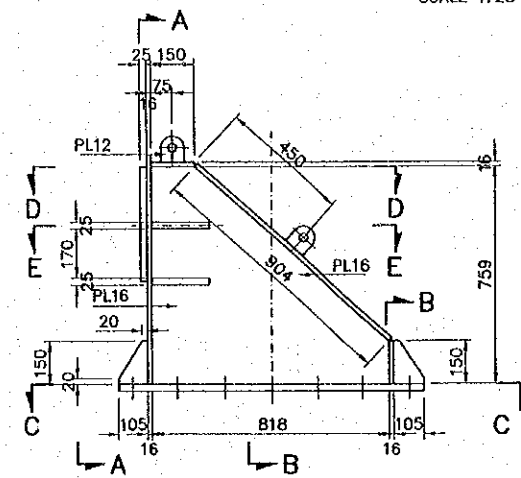
DATE : OCTOBER/2002  
SCALE : AS INDICATED  
DRAWING NO : QW-01-057

DETAIL OF CRANE END STOPPER EAST SIDE (CONTAINER)  
(REFERENCE)

DETAILS OF CRANE END STOPPER  
WEST SIDE (CONTAINER)  
(FOR REFERENCE)  
SCALE 1:25

CRANE END STOPPER  
SCALE 1:25

STOPPER BASE  
SCALE 1:25



SCALE 1:10

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)



COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)



THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR

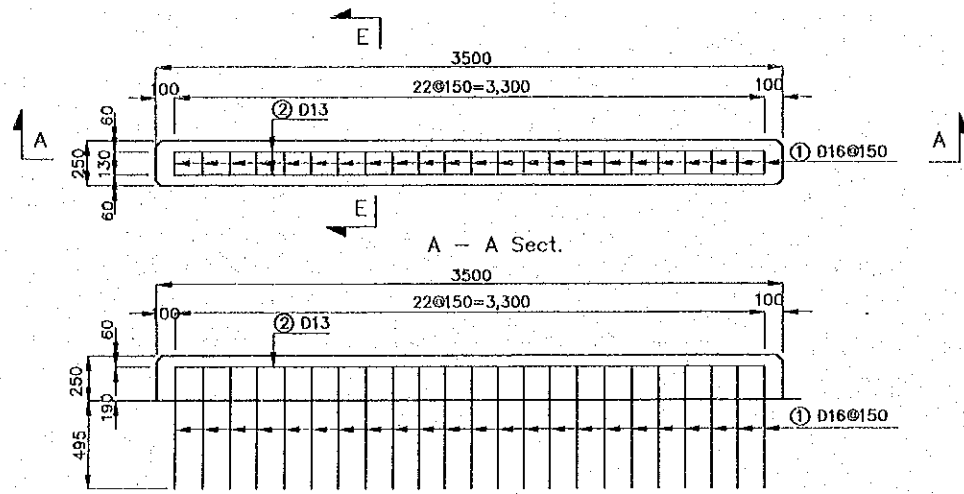
NIPPON KOEI CO., LTD.

DESIGNED BY :	
CHECKED BY :	
APPROVED BY :	

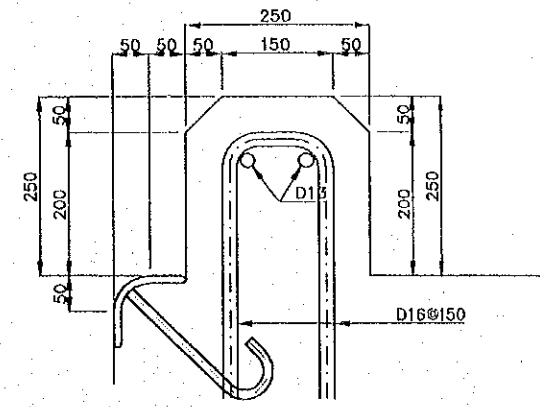
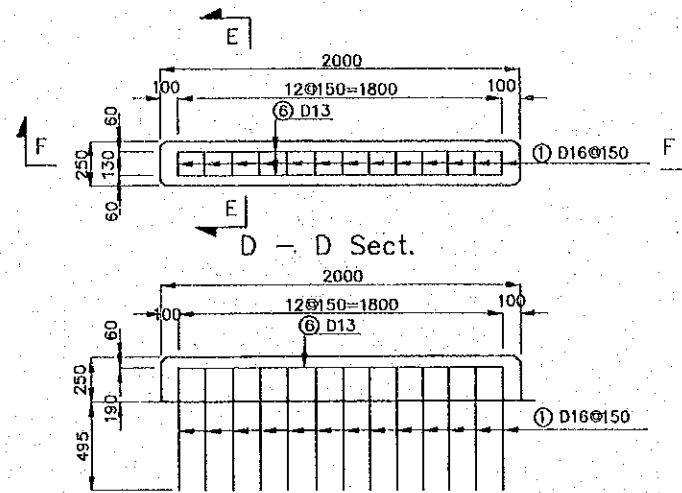
SECTION :	QUAYWALL WORK
SUB-SECTION :	CONTAINER AND MULTI-PURPOSE BERTH
TITLE :	DETAILS OF CRANE END STOPPER

DATE :	OCTOBER/2002
SCALE :	AS INDICATED
DRAWING NO. :	QW-01-058

PLAN (3,500 unit)  
SCALE 1:40

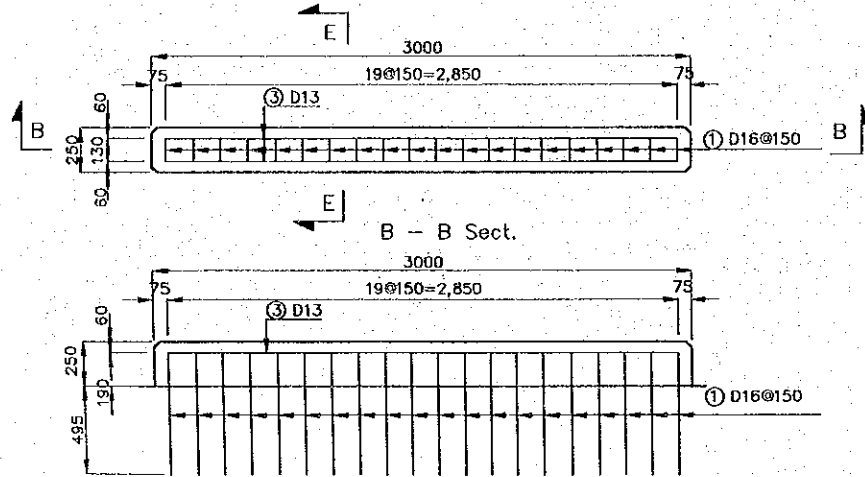


PLAN (1,500 unit)  
SCALE 1:40

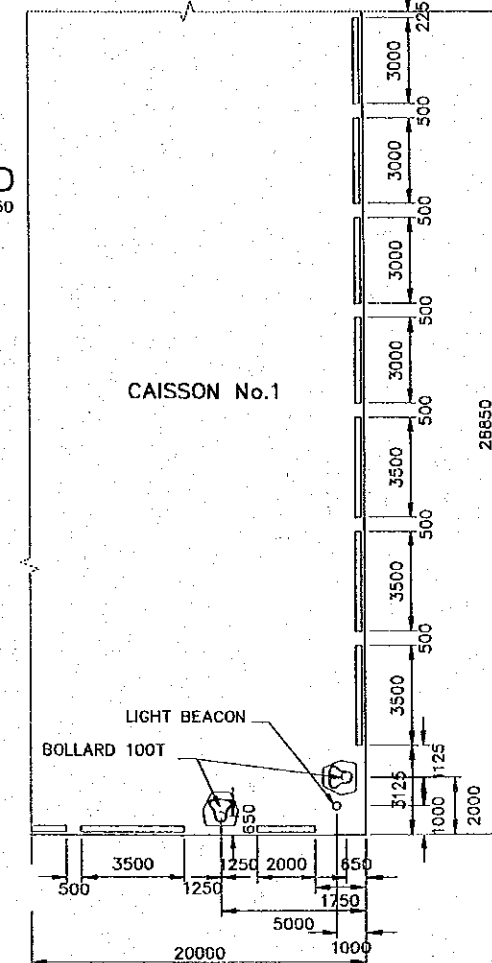
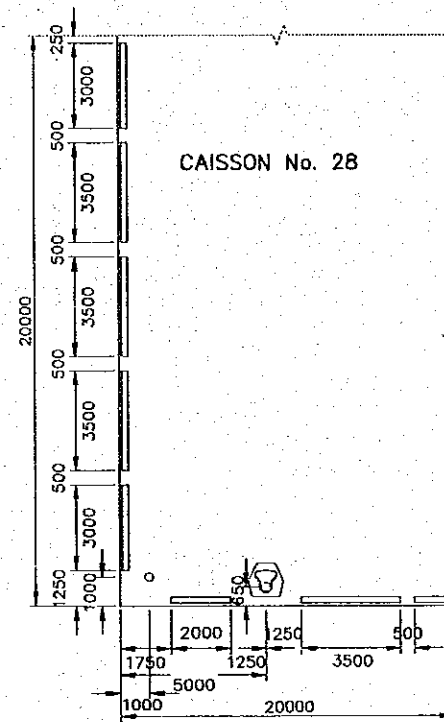


DETAIL SECTION OF CURB  
SCALE 1:10

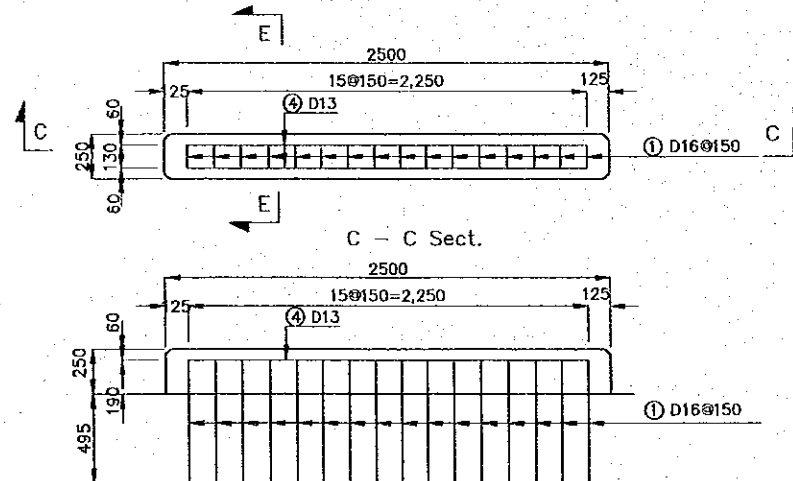
PLAN (3,000 unit)  
SCALE 1:40



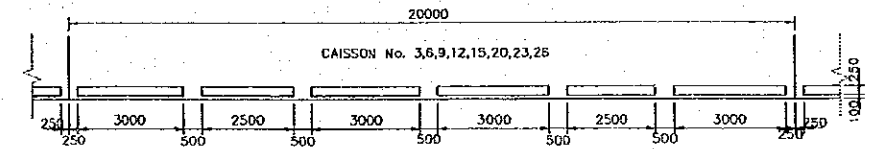
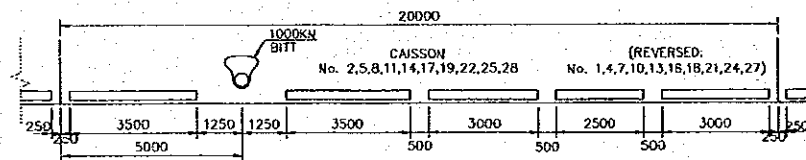
LAYOUT PLAN OF BERTH END  
SCALE 1:250



PLAN (2,500 unit)  
SCALE 1:40



LAYOUT PLAN  
SCALE 1:200



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)

**Cepa**  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

**NK**  
NIPPON KOEI CO., LTD

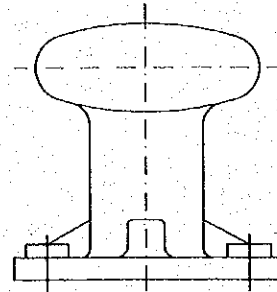
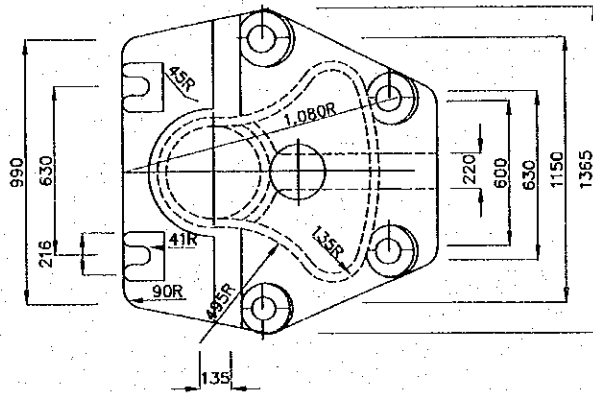
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : CONTAINER AND MULTI-PURPOSE BERTH  
TITLE :  
DETAIL OF CURB &  
CORNER PROTECTION

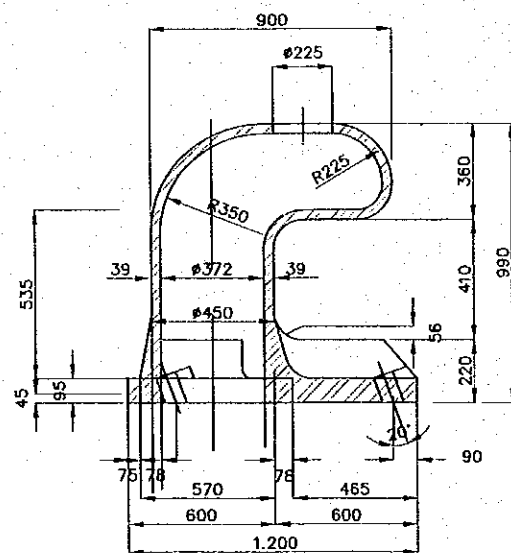
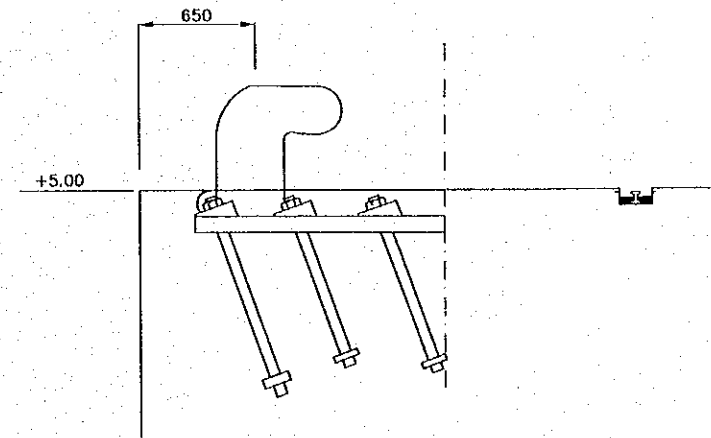
DATE : OCTOBER/2002  
SCALE : AS INDICATED  
DRAWING NO. : QW-01-059

DETAILS OF BOLLARD  
(FOR REFERENCE)

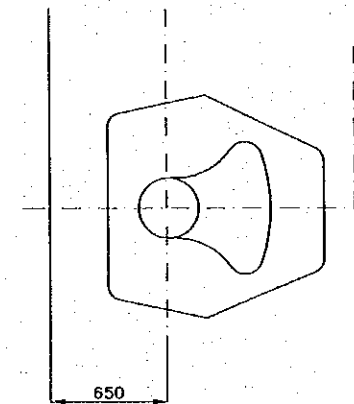
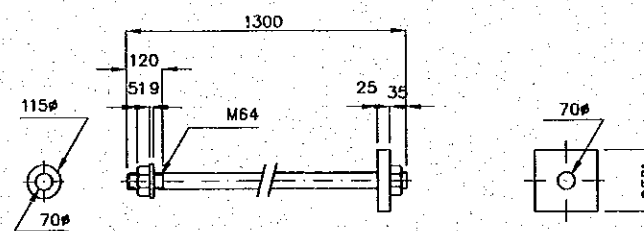
BOLLARD (100T TYPE)



100T TYPE BOLLARD INSTALATION



DETAIL OF ANCHOR BOLT



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR



NIPPON KOEI CO., LTD.

DESIGNED BY :

CHECKED BY :

APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : CONTAINER AND MULTI-PURPOSE BERTH

TITLE :  
DETAILS OF BOLLARD  
(CONTAINER)

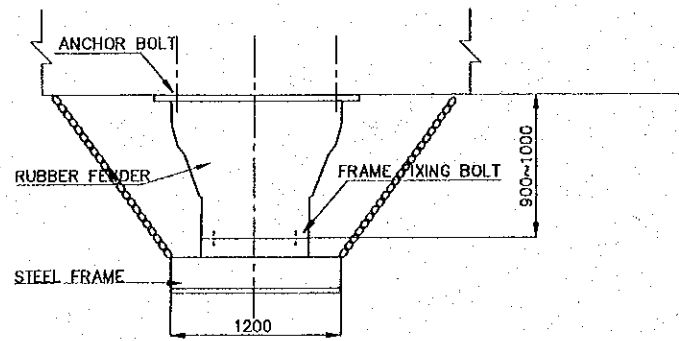
DATE : OCTOBER/2002

SCALE : NOT TO SCALE

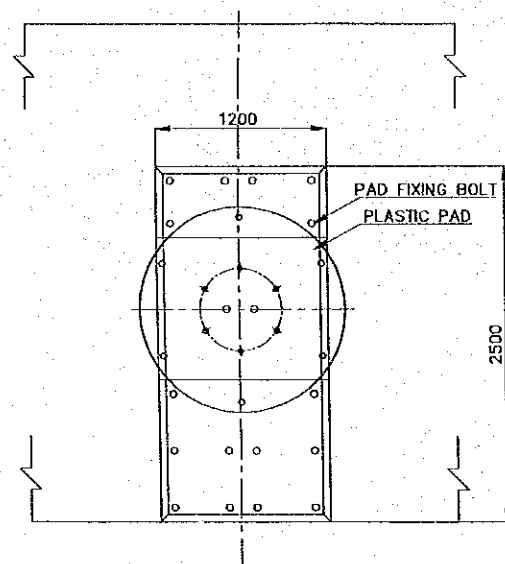
DRAWING NO.  
QW-01-060

FENDER AND LADDER  
(FOR REFERENCE)

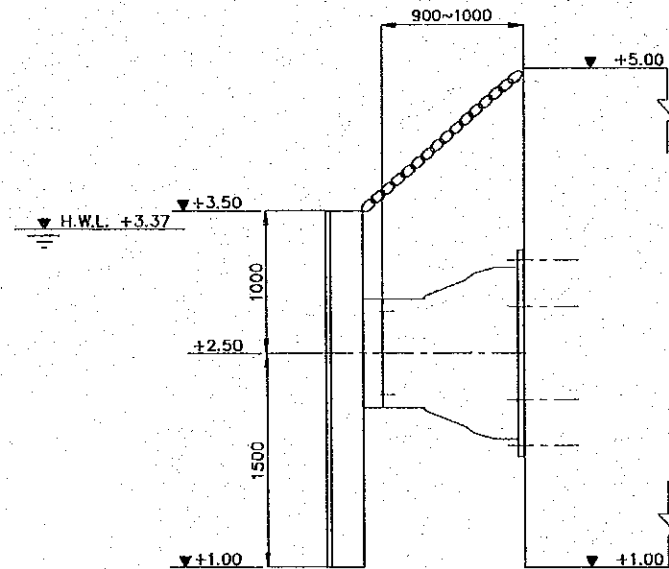
FENDER



PLAN



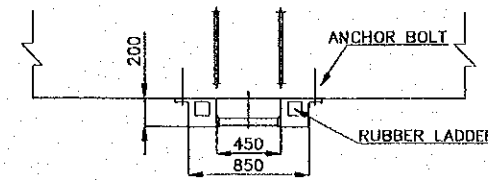
FRONT VIEW



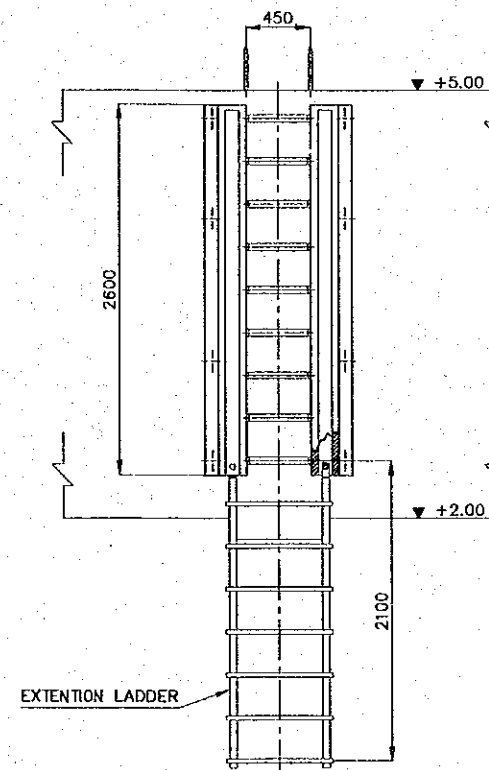
LATERAL VIEW

L.W.L. -0.13

LADDER

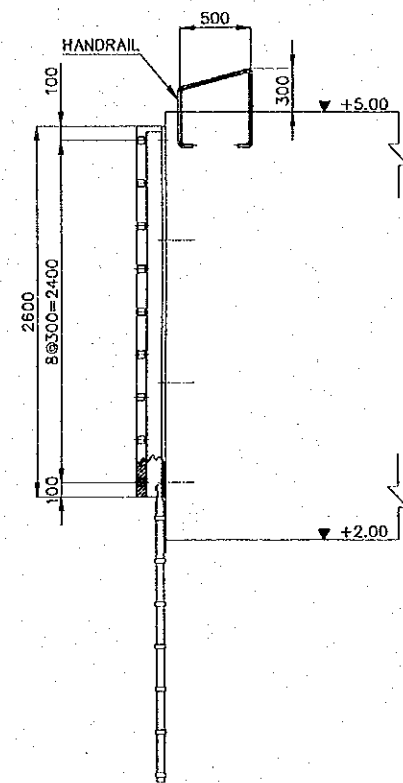


PLAN



FRONT VIEW

L.W.L. -0.13



LATERAL VIEW

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)

**Cepa**  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

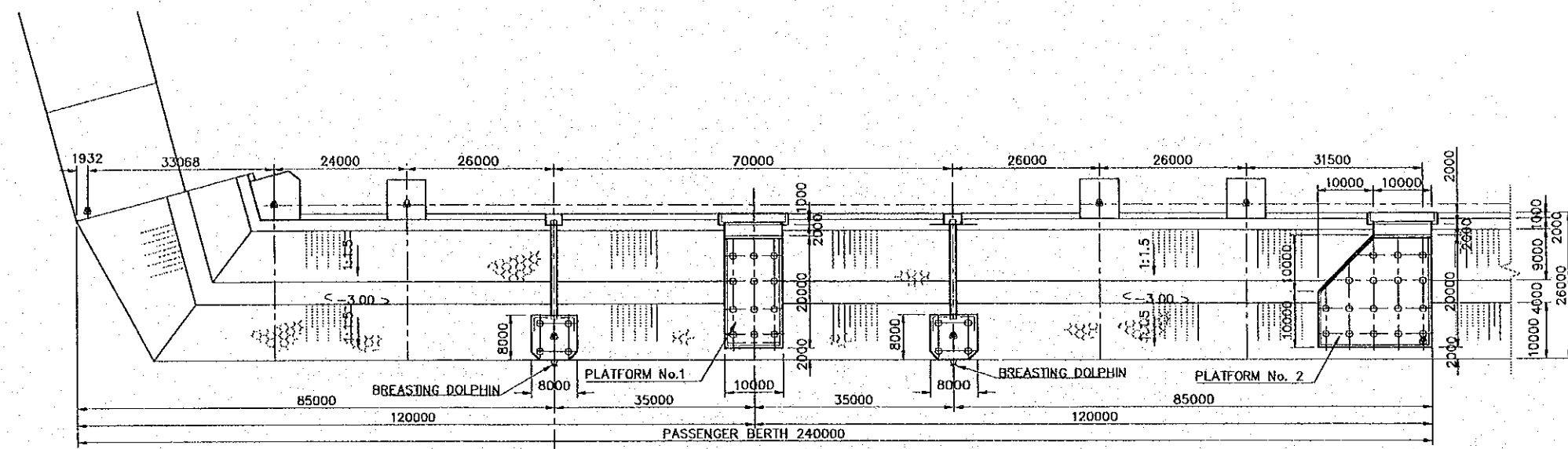
THE DETAILED DESIGN  
ON FORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

**NIPON KOEI CO., LTD.**

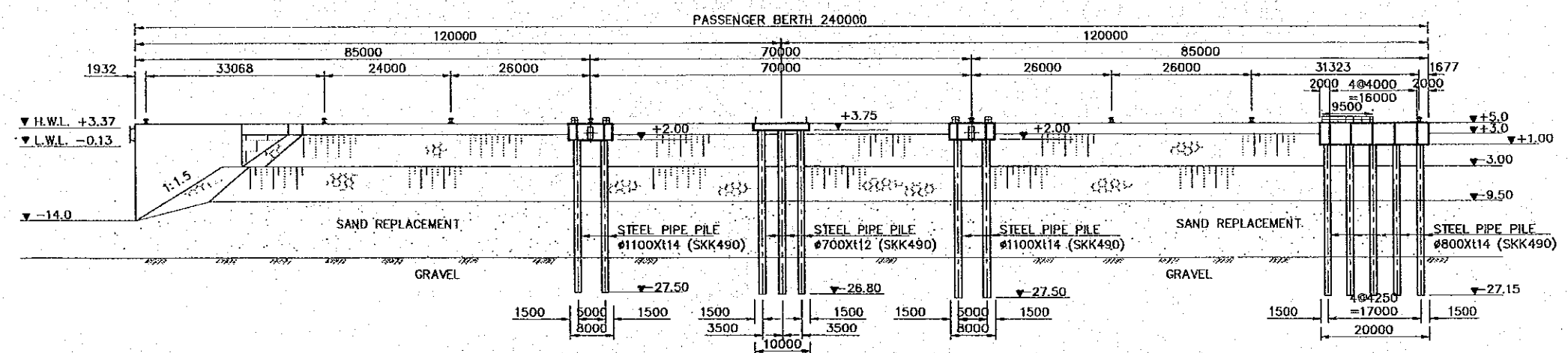
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : CONTAINER AND MULTI-PURPOSE BERTH  
TITLE : FENDER SYSTEM AND LADDER

DATE : OCTOBER/2002  
SCALE : 1 : 50  
DRAWING NO. : QW-01-061






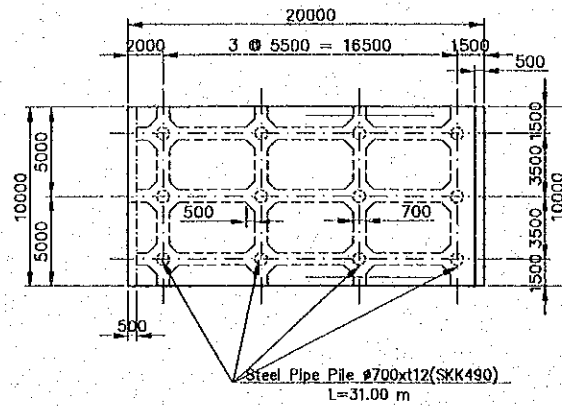
PLAN



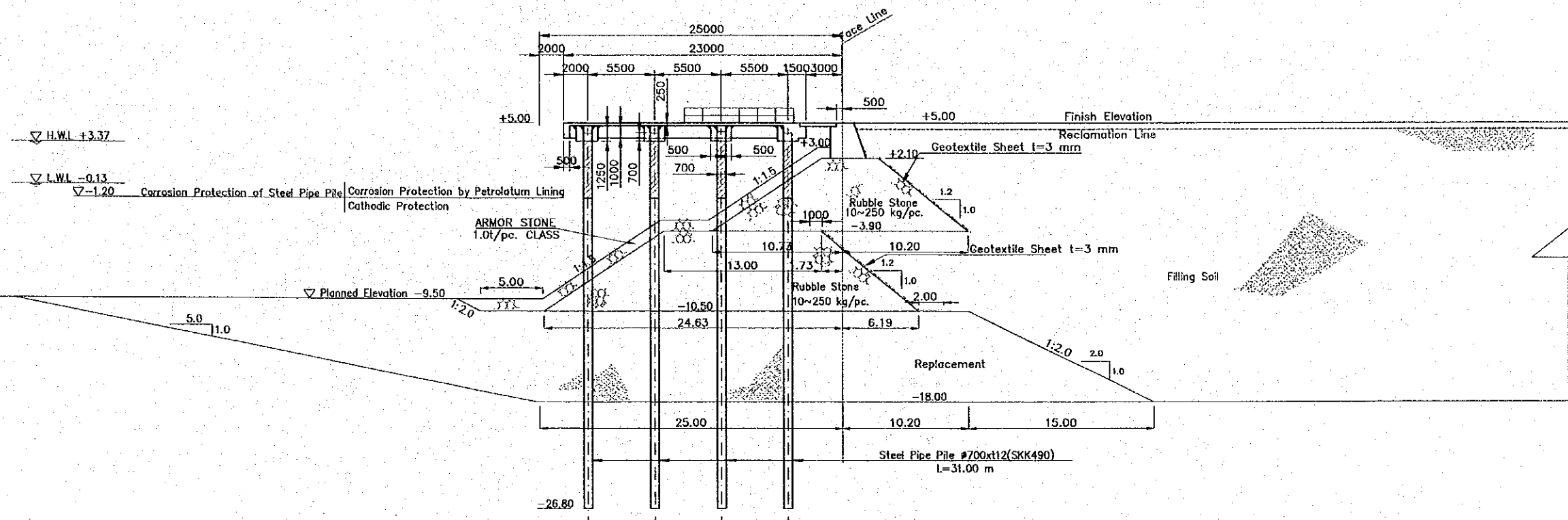
PROFILE  
PASSENGER BERTH

SCALE 0 10.0 20.0 30.0 40.0 50.0 60.0

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	 <b>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</b>	 <b>COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</b>	 <b>NIPPON KOEI CO., LTD.</b>	DESIGNED BY :	SECTION :	DATE :
									CHECKED BY :	SUB-SECTION :	
									APPROVED BY :	TITLE :	SCALE :
										<b>PLAN AND PROFILE OF PASSENGER BERTH</b>	1 : 1000
											DRAWING NO. : QW-02-001



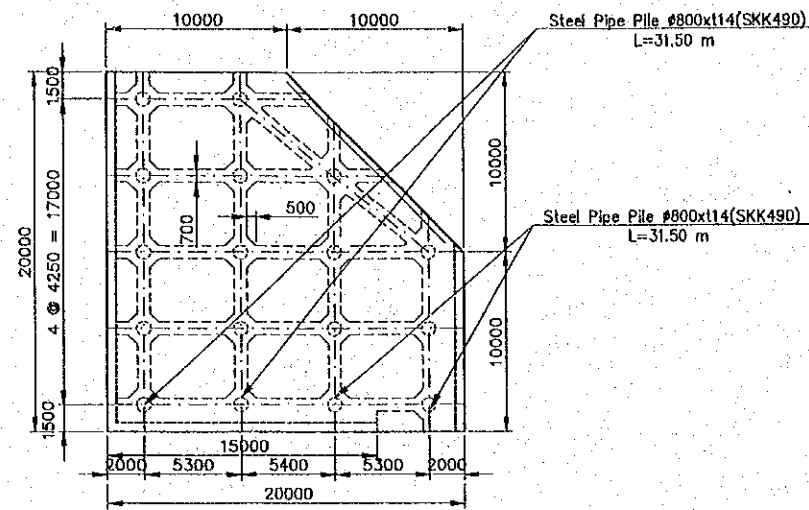
PLAN PLATFORM 1



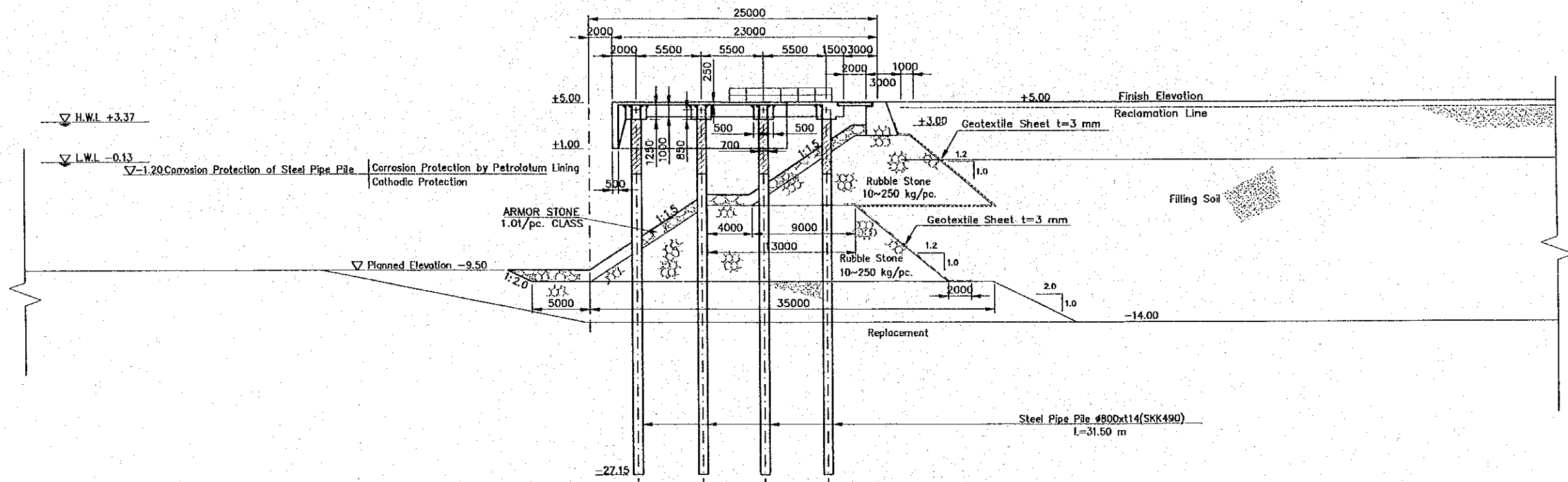
TYPICAL CROSS SECTION

SCALE 0 5.0 10.0 15.0 20.0 25.0 30.0

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD	DESIGNED BY :	SECTION :	DATE :
								CHECKED BY :	SUB-SECTION :	OCTOBER/2002
								APPROVED BY :	TITLE :	SCALE :
									PASSENGER BERTH PIER 1 PLAN & TYPICAL CROSS SECTION	1 : 400
										DRAWING NO. : QW-02-002



PLAN PLATFORM 2

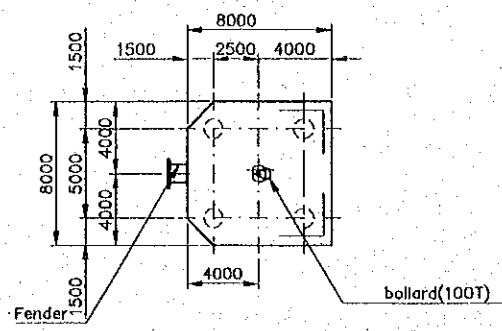


TYPICAL CROSS SECTION

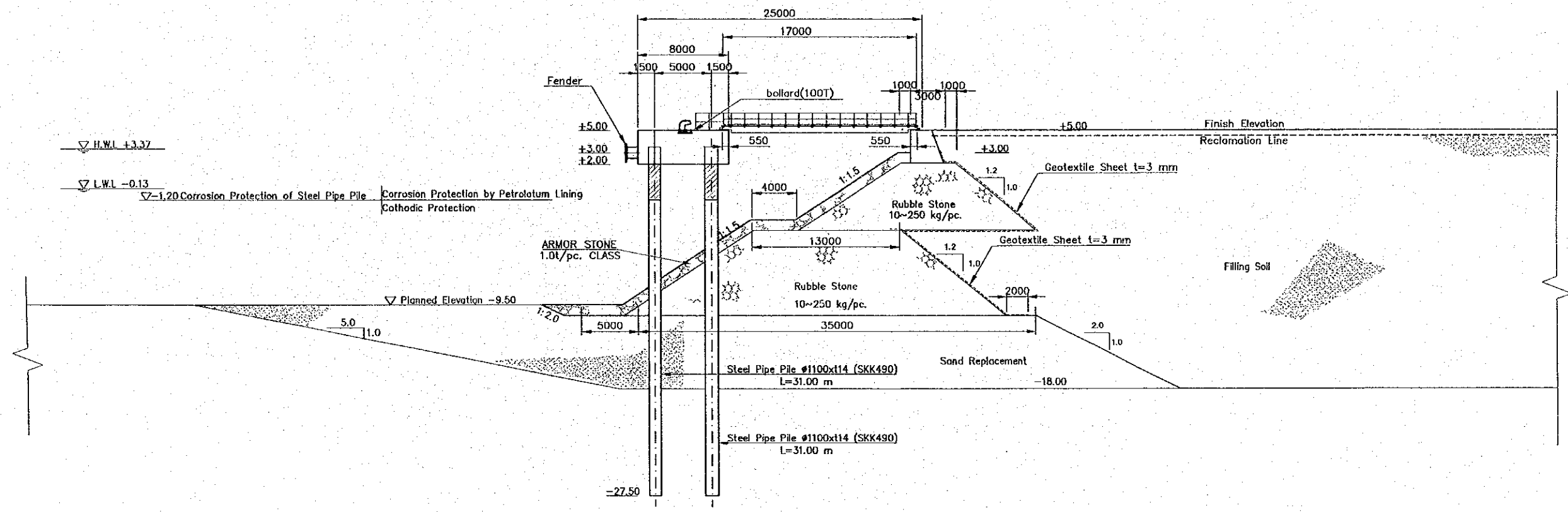
SCALE 0 5.0 10.0 15.0 20.0 25.0 30.0

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD	DESIGNED BY :	SECTION : QUAYWALL WORK	DATE : OCTOBER/2001
								CHECKED BY :	SUB-SECTION : PASSENGER BERTH	SCALE : 1 : 400
								APPROVED BY :	FILE : PASSENGER BERTH PIER 2 PLAN & TYPICAL CROSS SECTION	DRAWING NO. : QW-02-003

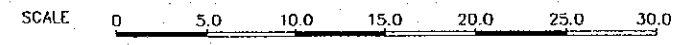




PLAN BREASTING DOLPHIN




TYPICAL CROSS SECTION



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

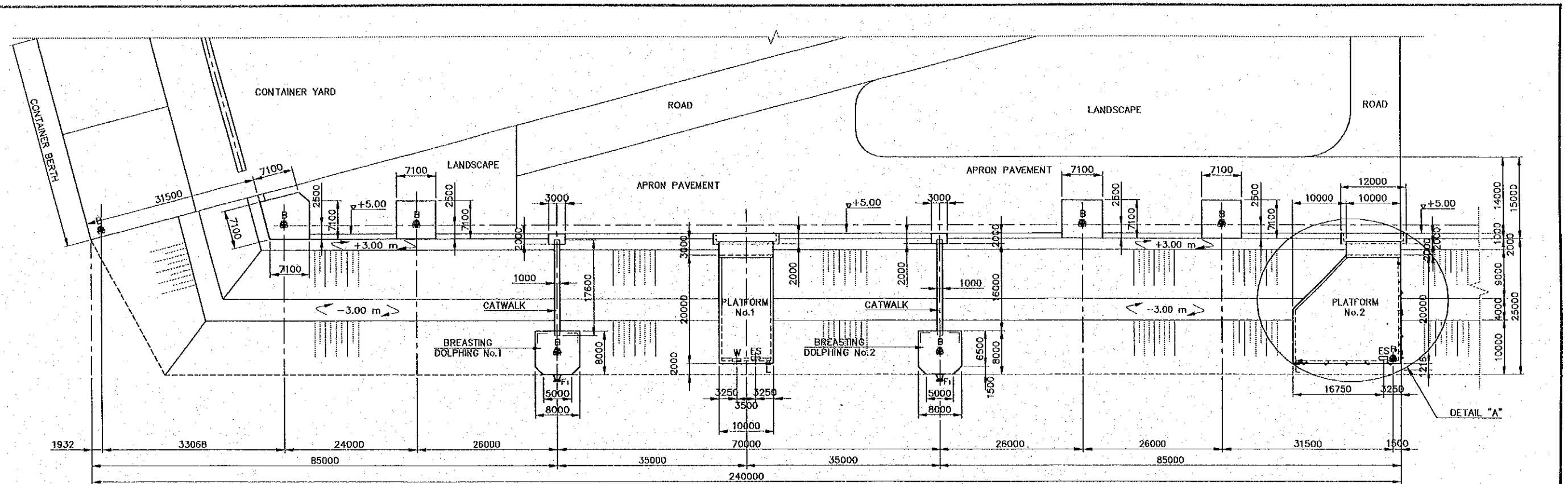
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN  
 ON PORT REACTIVATION PROJECT  
 IN LA UNION PROVINCE  
 OF THE REPUBLIC OF EL SALVADOR  
 NIPPON KOEI CO., LTD

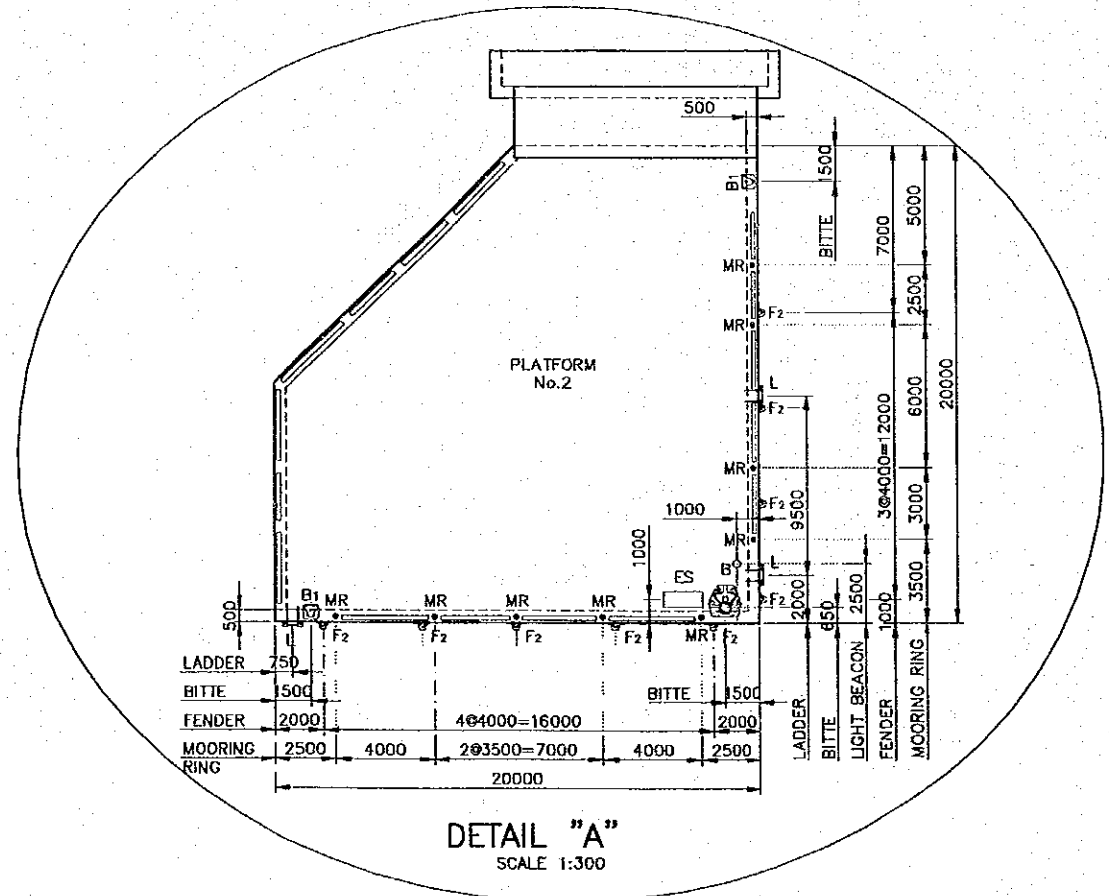
DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : QUAYWALL WORK  
 SUB-SECTION : PASSENGER BERTH  
 TITLE : PASSENGER BERTH BREASTING DOLPHIN PLAN & TYPICAL CROSS SECTION

DATE : OCTOBER/2002  
 SCALE : 1 : 400  
 DRAWING NO. : QW-02-004



SCALE 1:750



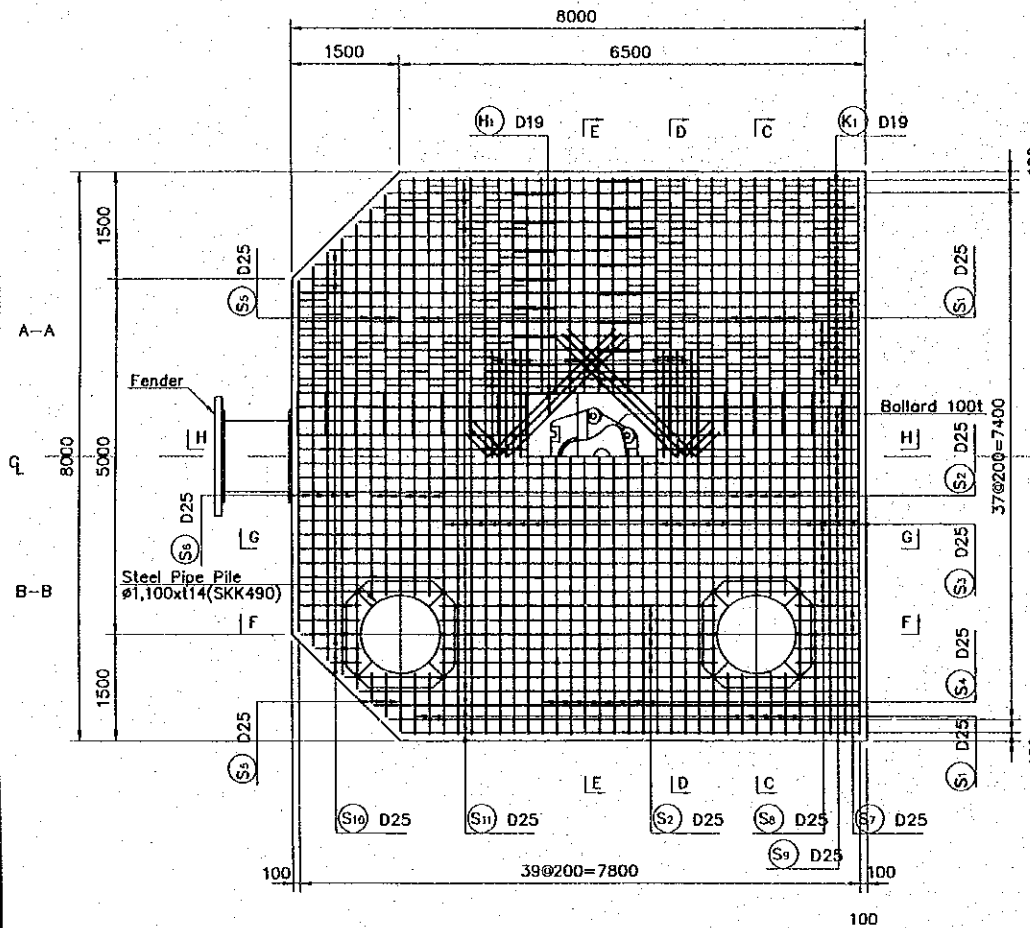
DETAIL "A"  
SCALE 1:300

- LEGEND:
- ES [Symbol] ELECTRIC SERVICE
  - W [Symbol] WATER (HYDRANT, FIREFIGHTING)
  - F1 [Symbol] FENDER (H=800)
  - F2 [Symbol] FENDER (H=150)
  - B [Symbol] BOLLARD (100T)
  - B1 [Symbol] BOLLARD (15T)
  - L [Symbol] LADDER
  - MR [Symbol] MOORING RING

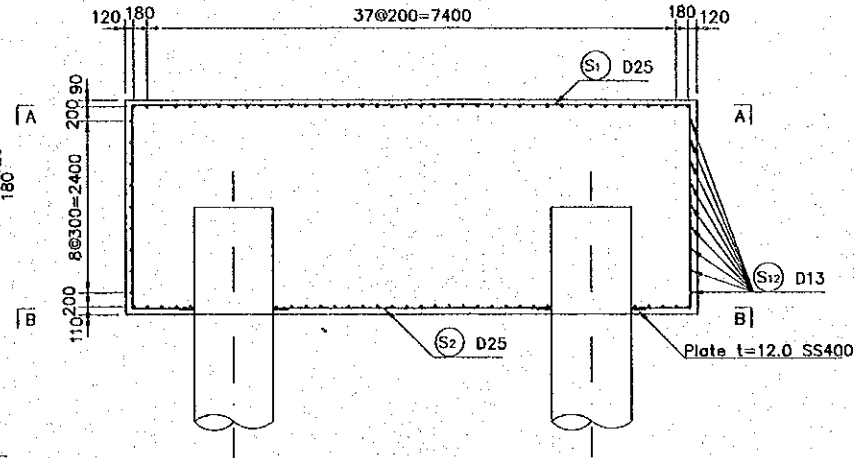
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
								CHECKED BY :	SUB-SECTION :	AS INDICATED
								APPROVED BY :	TITLE :	DRAWING NO. : QW-02-005
							QUAYWALL WORK PASSENGER BERTH DETAIL LAYOUT PLAN PASSENGER BERTH			

# BAR ARRANGEMENT FOR BREASTING DOLPHIN

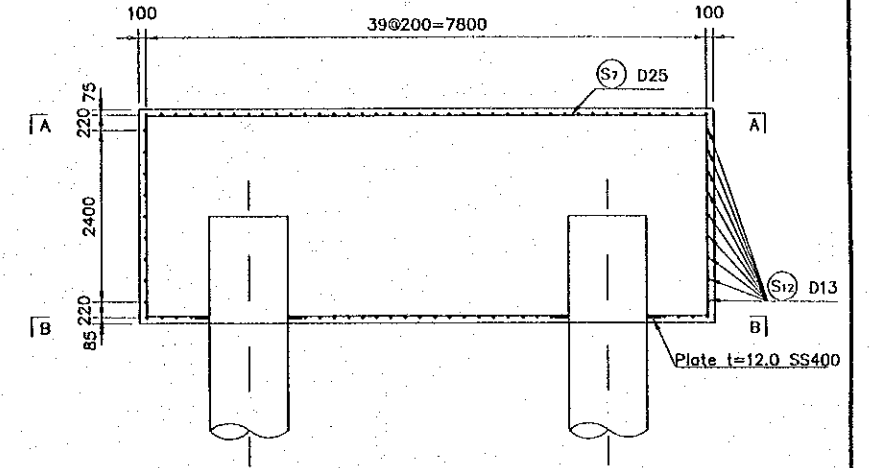
Plan



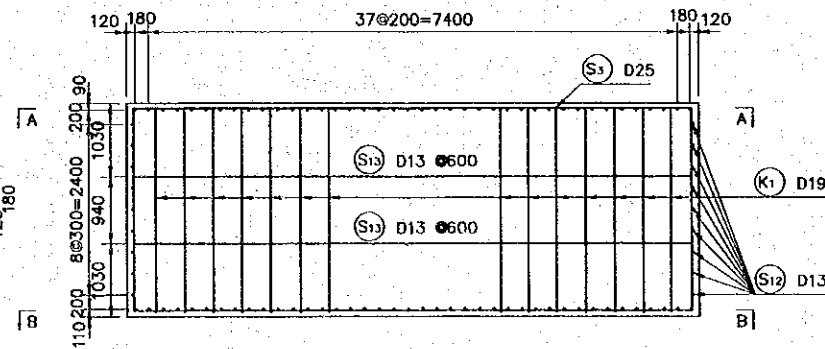
Sect.C-C



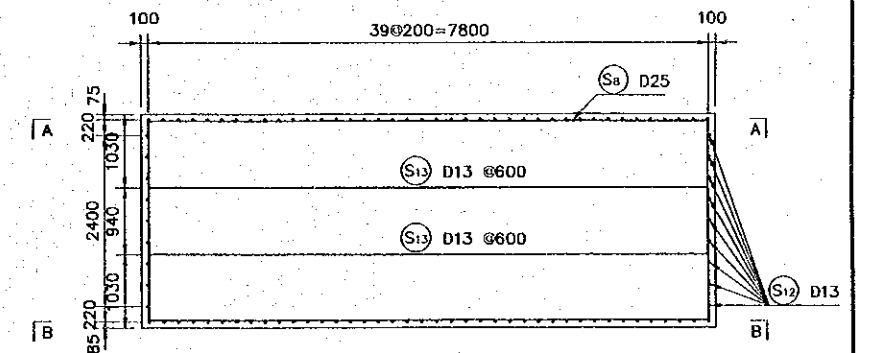
Sect.F-F



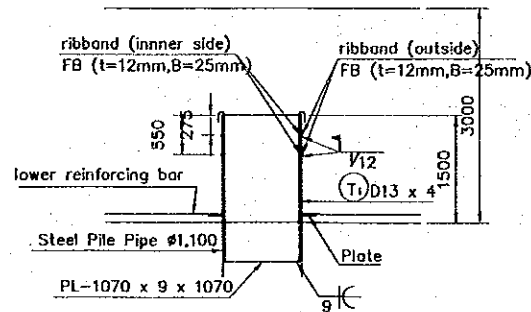
Sect.D-D



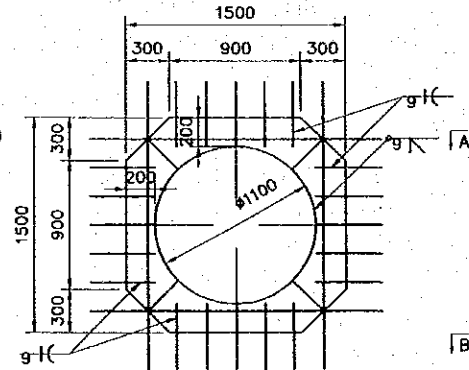
Sect.G-G



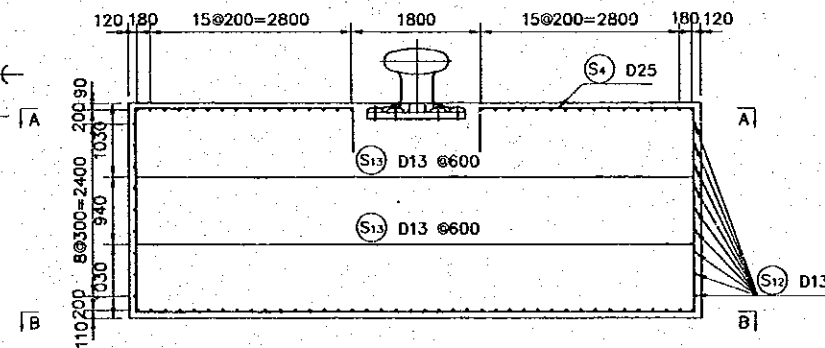
Arrangement of ribband for pile head



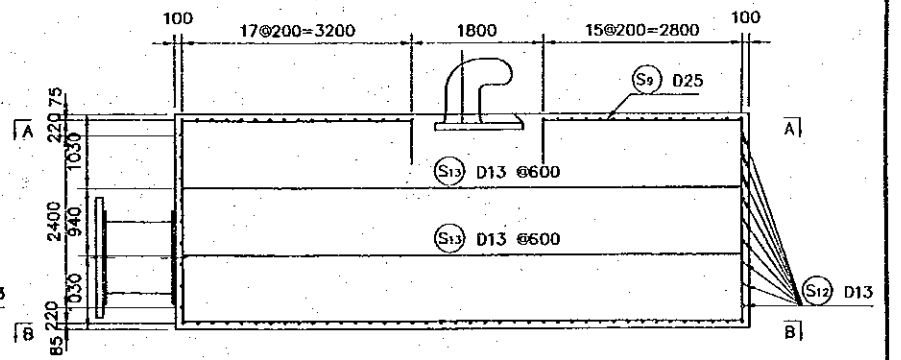
Detail of Plate



Sect.E-E



Sect.H-H



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



JICA  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR  
NIPPON KOEI CO., LTD.

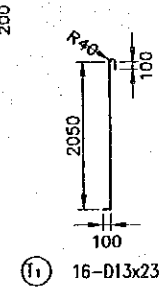
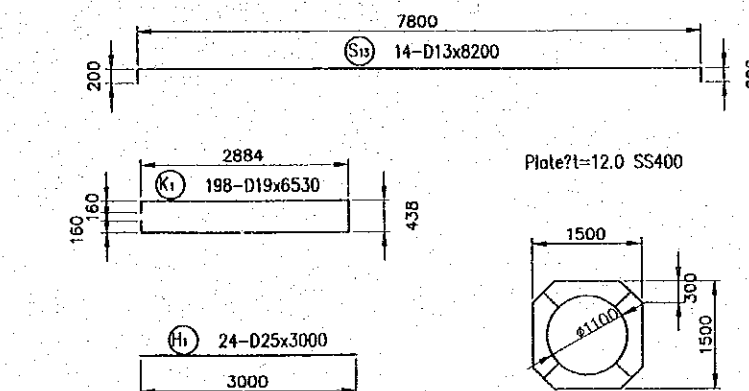
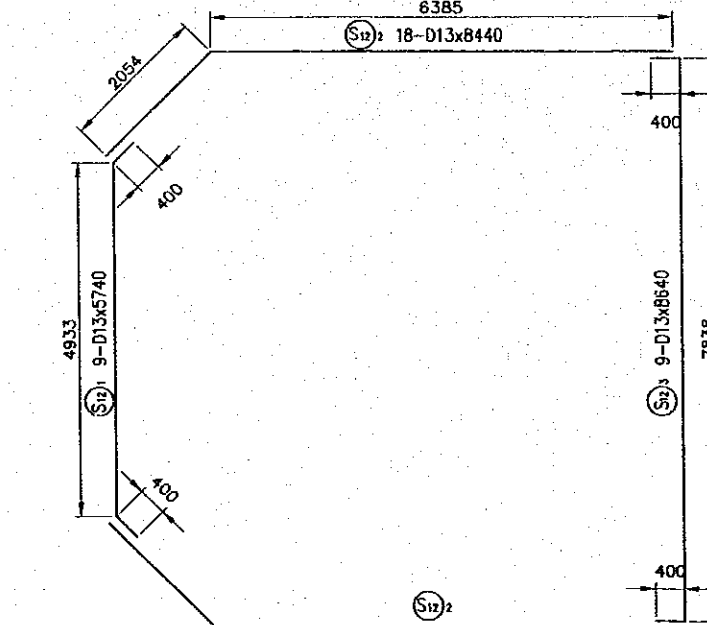
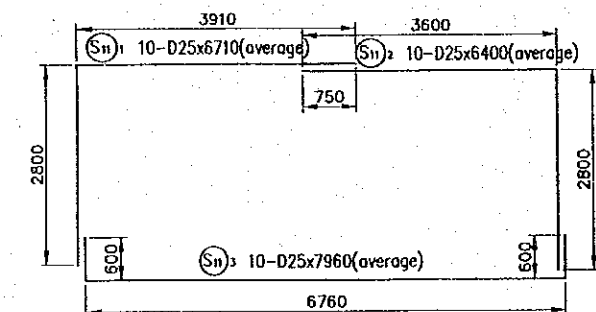
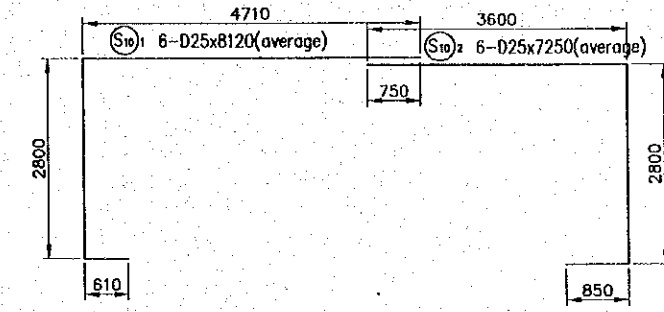
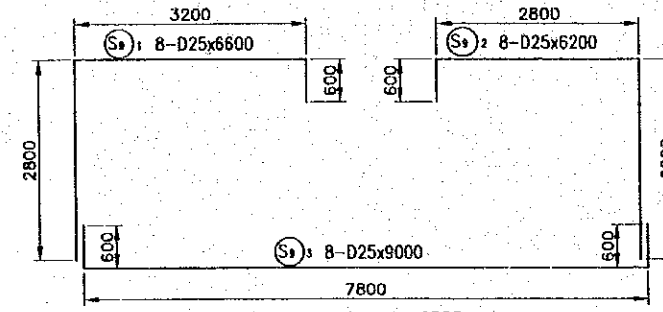
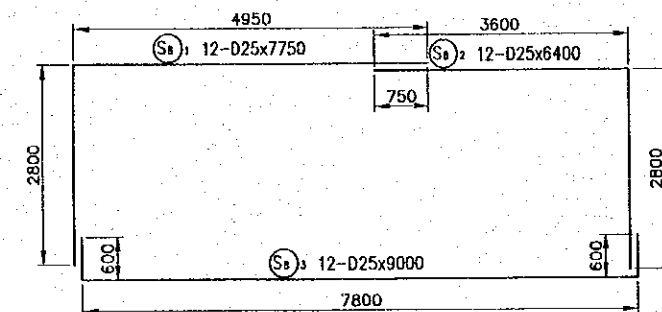
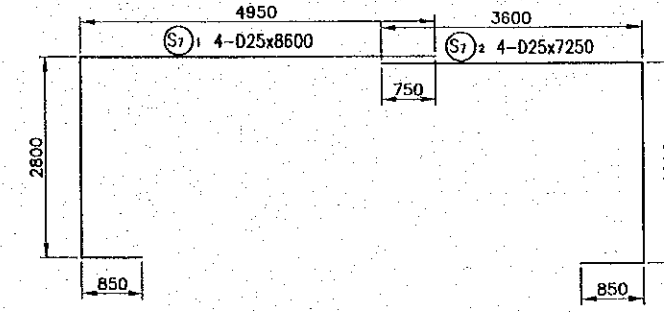
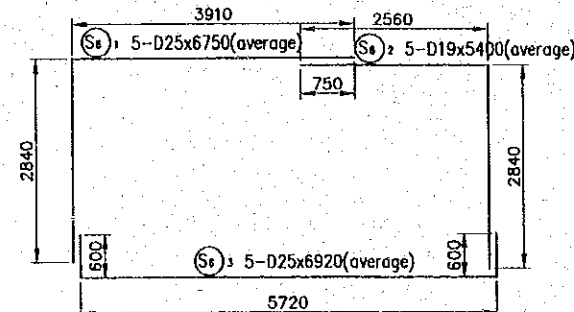
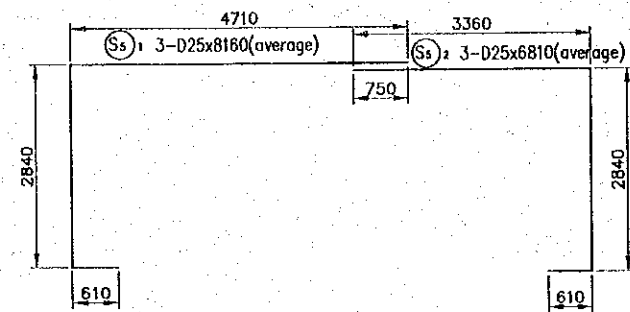
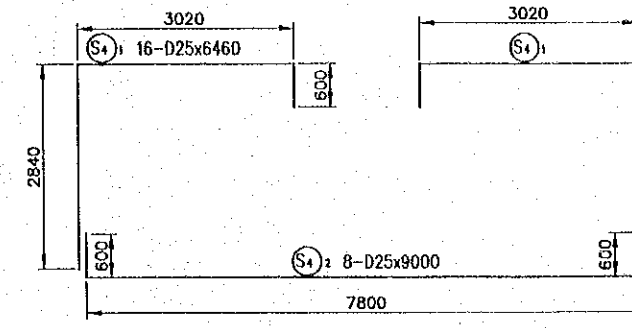
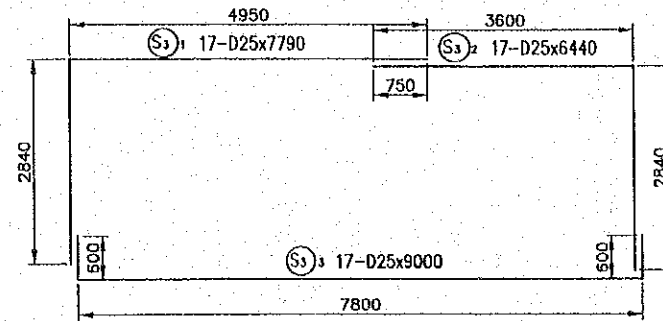
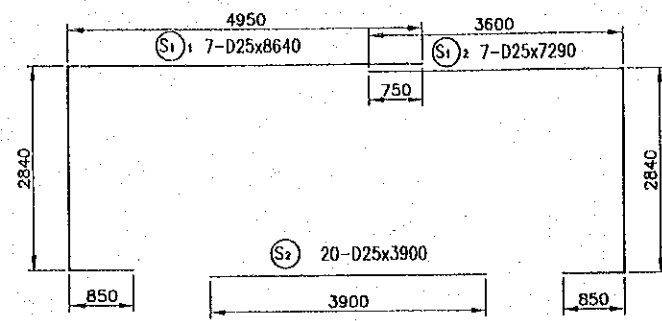
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : PASSENGER BERTH

TITLE :  
**BAR ARRANGEMENT FOR  
BREASTING DOLPHIN**

DATE : OCTOBER/2002  
SCALE : 1 : 100  
DRAWING NO. : QW-02-006

### BAR BENDING SCHEDULE FOR BREASTING DOLPHIN



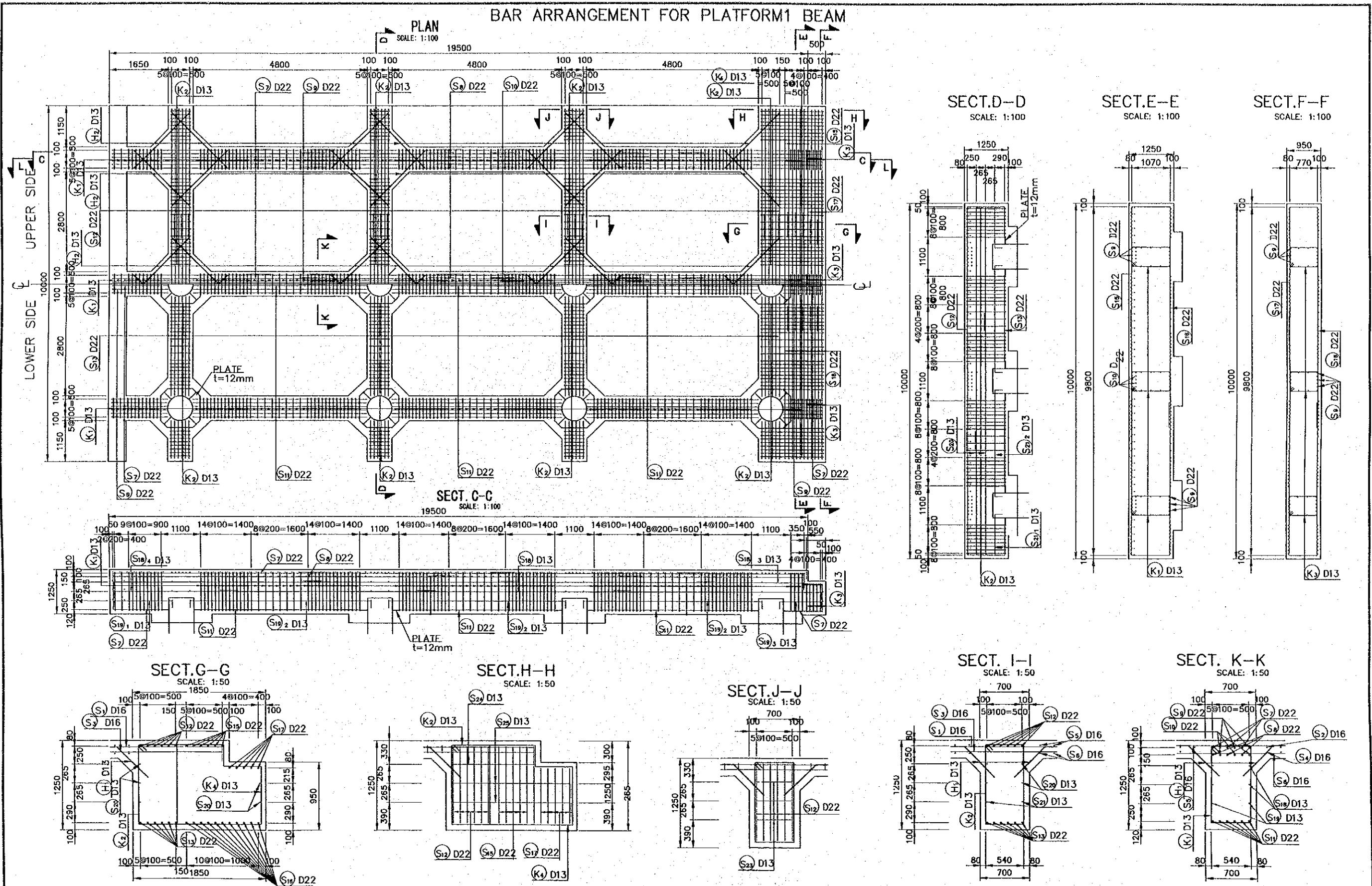
NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)**  
**COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)**  
**NIPPON KOEI CO., LTD.**

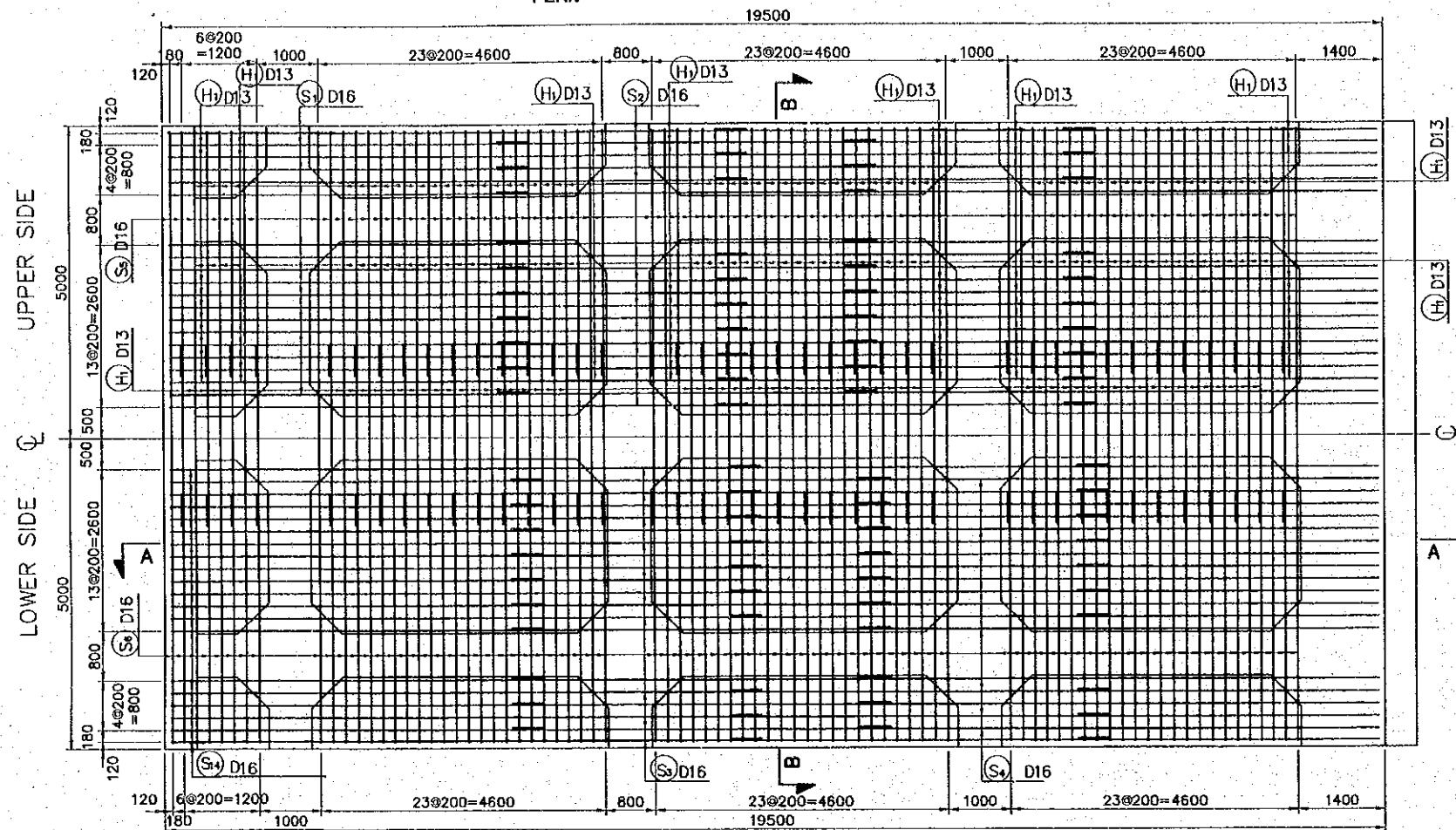
DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :  
 SECTION : **QUAYWALL WORK**  
 SUB-SECTION : **PASSENGER BERTH**  
 TITLE : **BAR BENDING SCHEDULE FOR BREASTING DOLPHIN**

DATE : **OCTOBER/2002**  
 SCALE : **1 : 100**  
 DRAWING NO. : **QW-02-007**

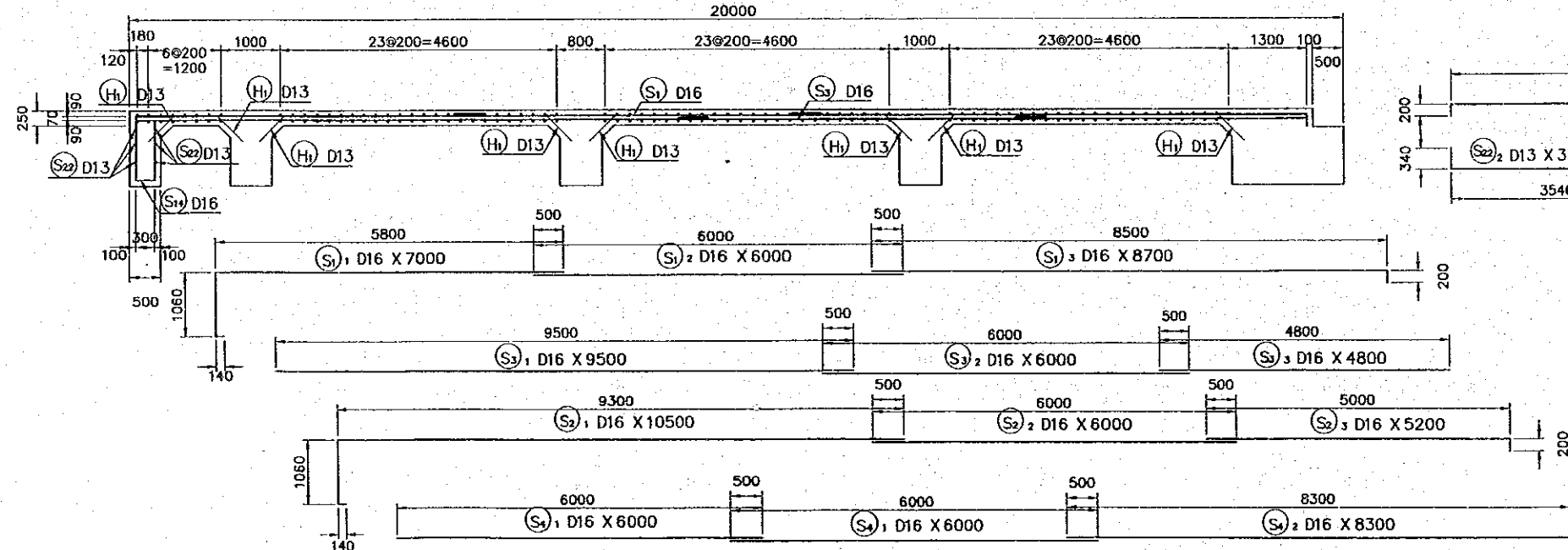


REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	 <b>JICA</b> JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	 <b>CEPA</b> COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR   <b>NIPPON KOEI CO., LTD.</b>	DESIGNED BY : _____ CHECKED BY : _____ APPROVED BY : _____	SECTION : QUAYWALL WORK SUB-SECTION : PASSENGER BERTH TITLE : <b>BAR ARRANGEMENT FOR PLATFORM 1 BEAM</b>	DATE : OCTOBER/2002 SCALE : AS INDICATED DRAWING NO. : QW-02-008
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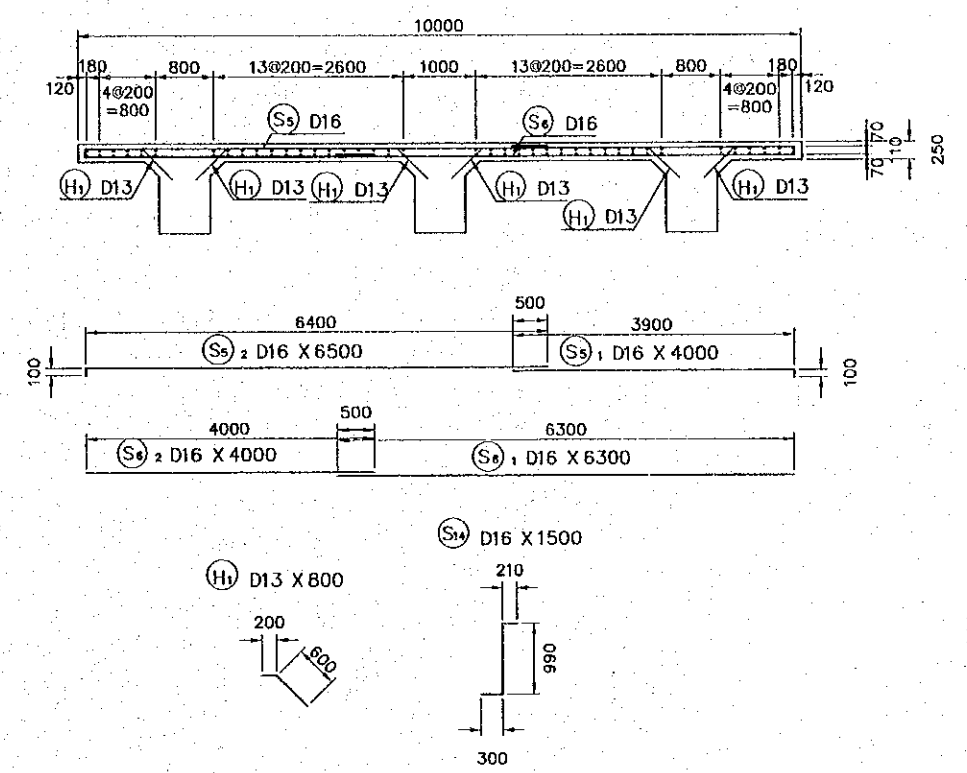
**BAR ARRANGEMENT FOR PLATFORM1 DECK SLAB**  
**PLAN**



**SECT. A-A**



**SECT. B-B**



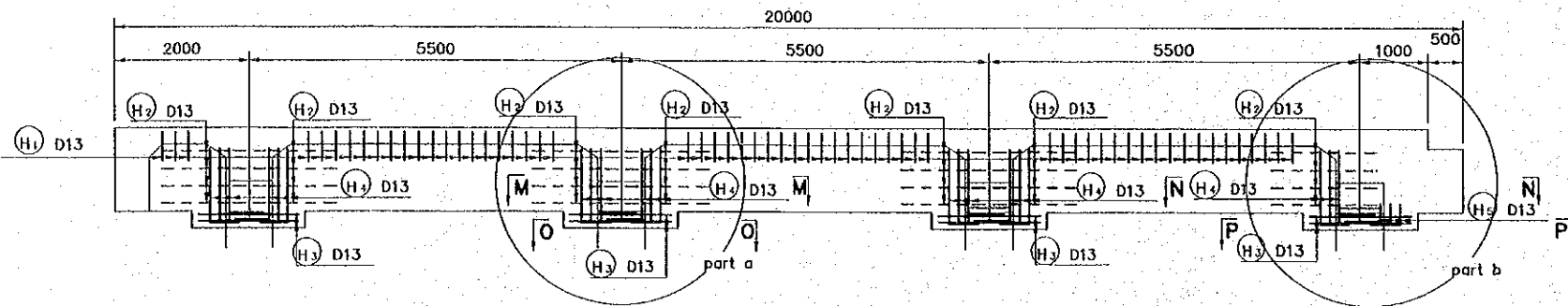
**NOTES:**  
-LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
-BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
									CHECKED BY :	SUB-SECTION :	OCTOBER/2002
									APPROVED BY :	TITLE :	SCALE :
										<b>BAR ARRANGEMENT FOR PLATFORM 1 DECK SLAB</b>	1 : 100
											DRAWING NO. : QW-02-009

# BAR ARRANGEMENT FOR PLATFORM1 PILE HEAD

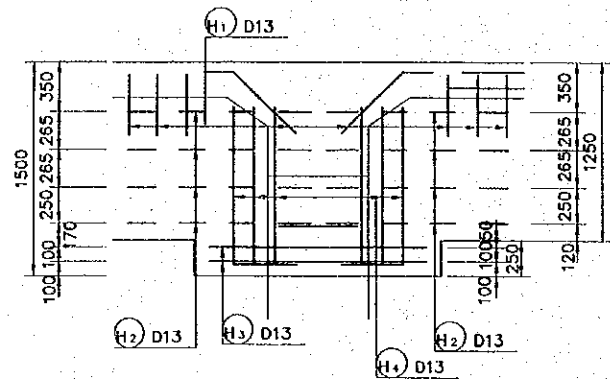
**Sect.L-L (Arrangement for haunch bar)**

1:100



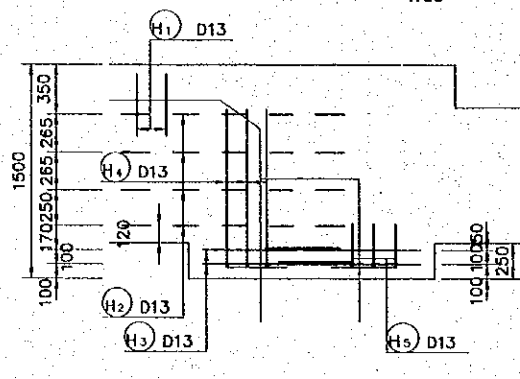
**Detail of part a**

1:50



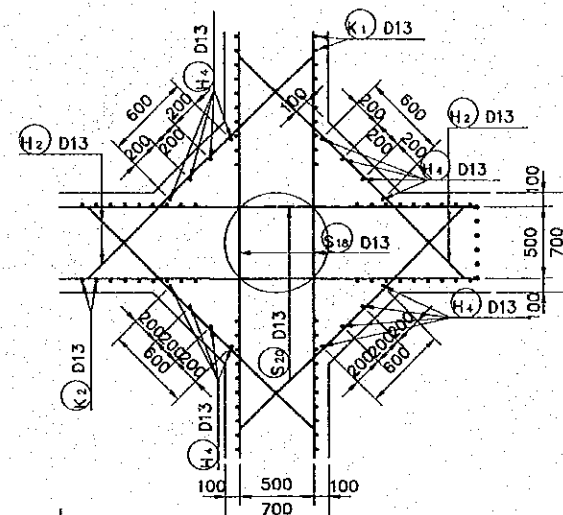
**Detail of part b**

1:50



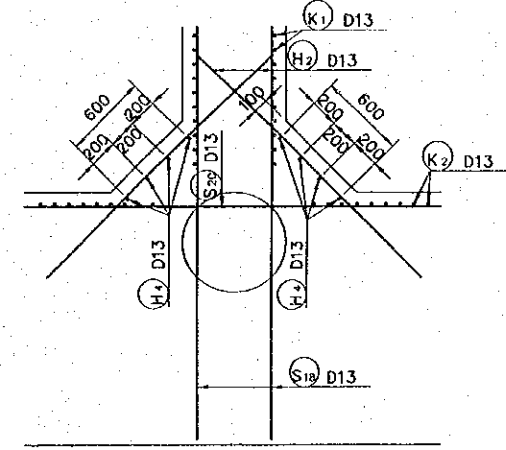
**Sect.M-M**

1:50



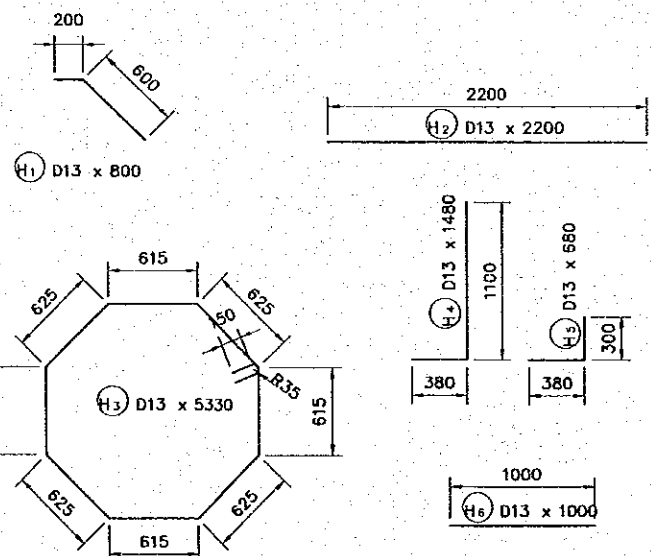
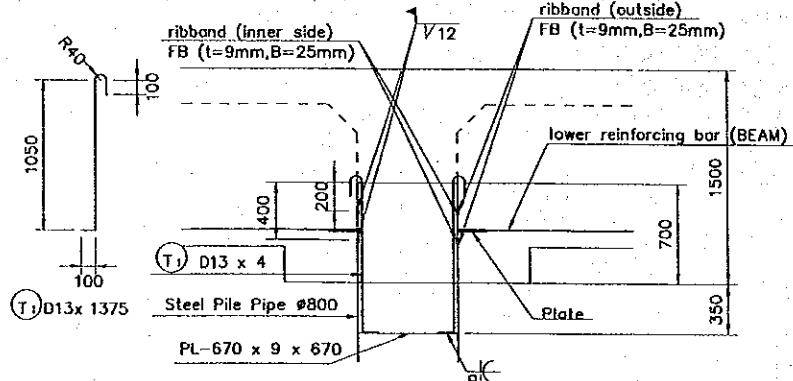
**Sect.N-N**

1:50



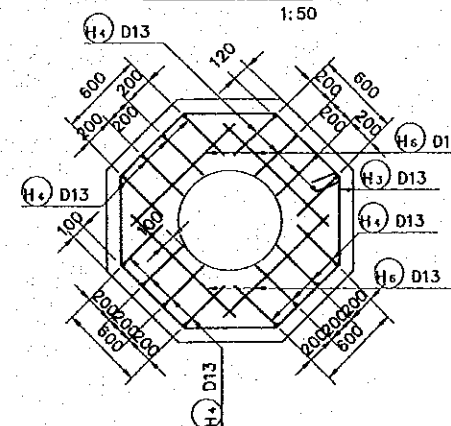
**arrangement of ribband for pile head**

1:50



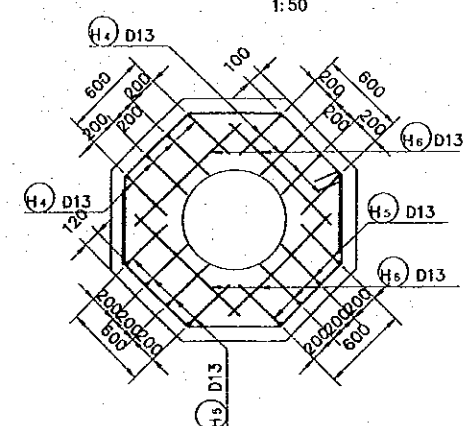
**Sect.O-O**

1:50

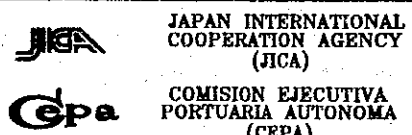



**Sect.P-P**

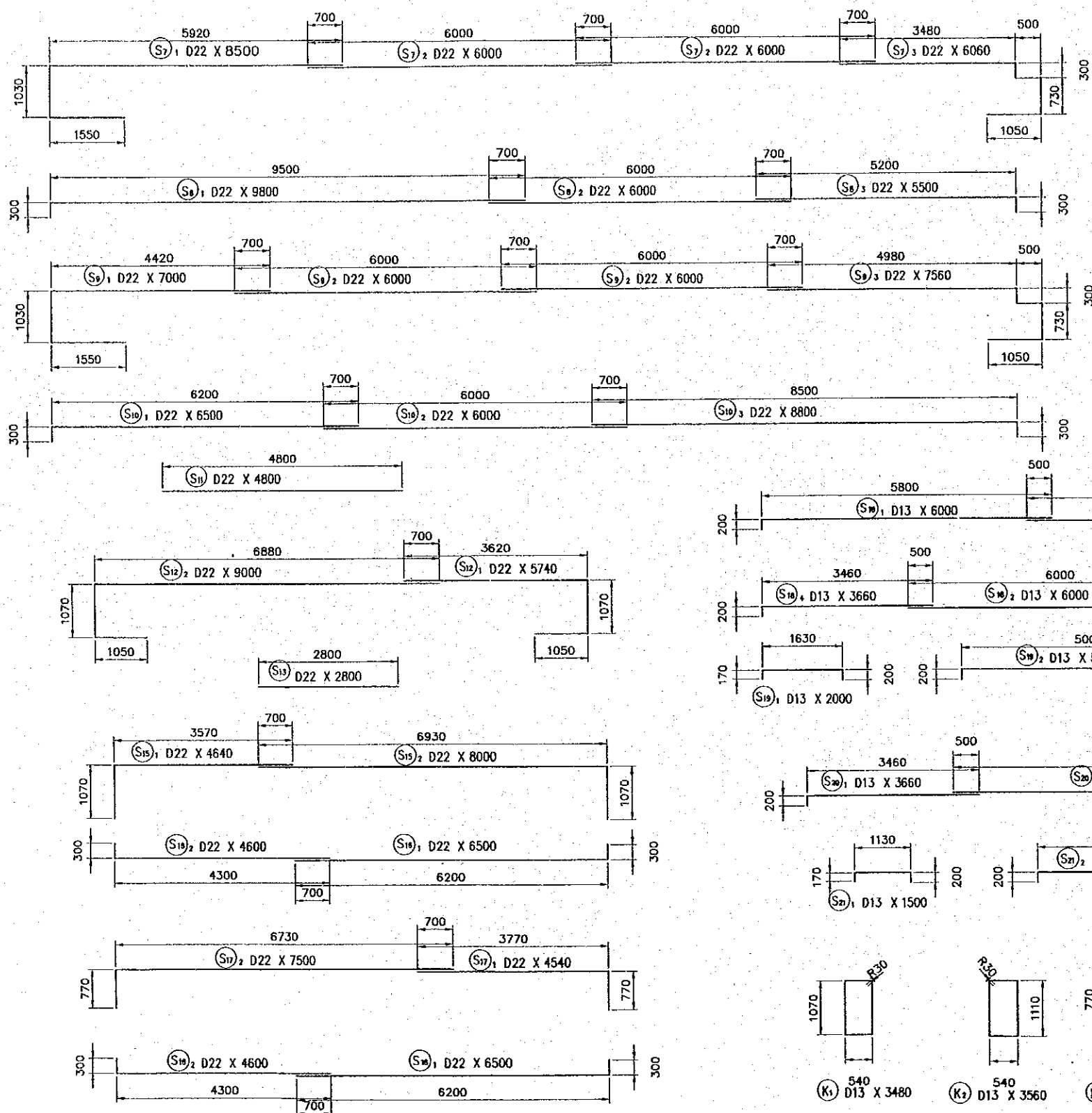
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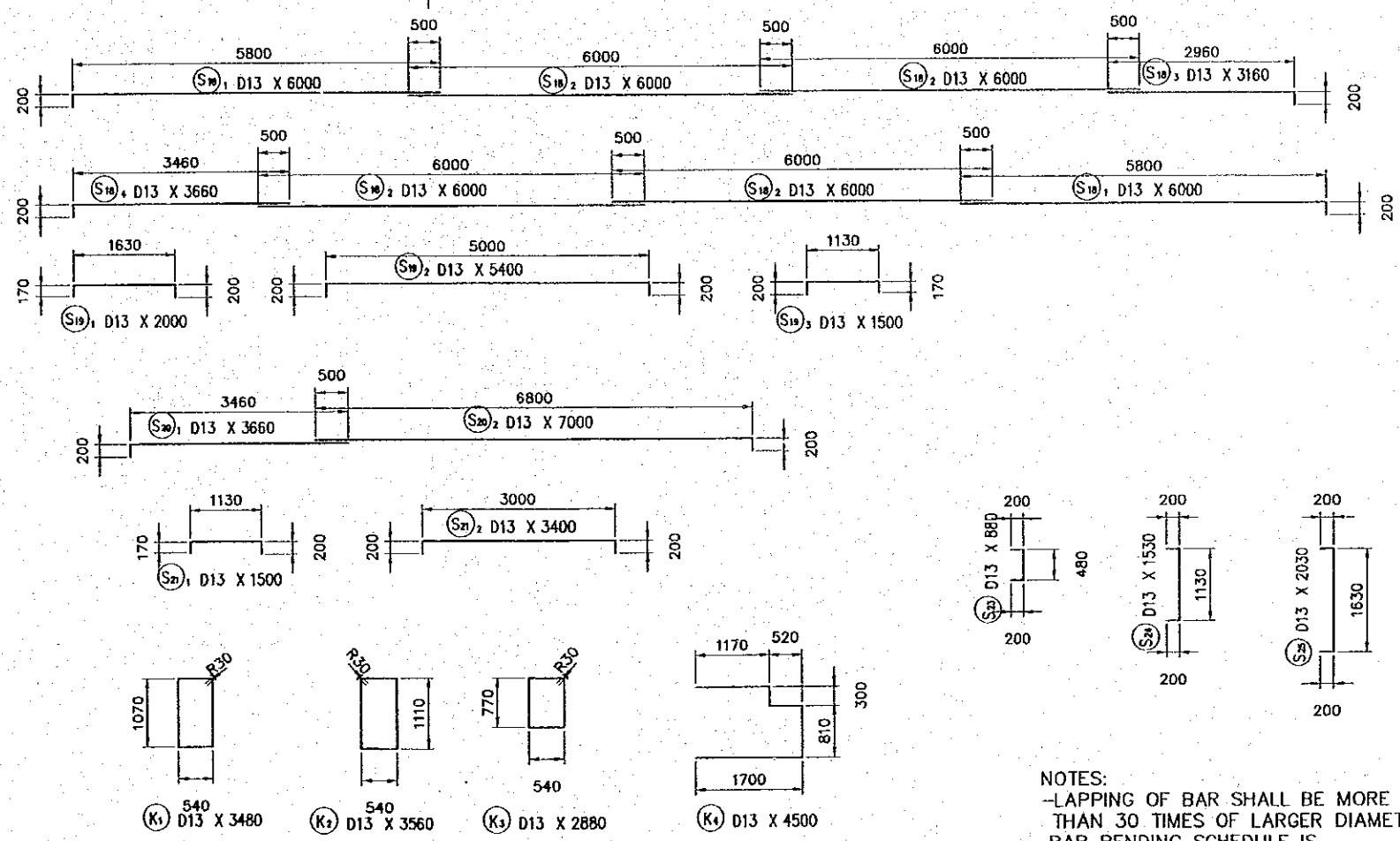
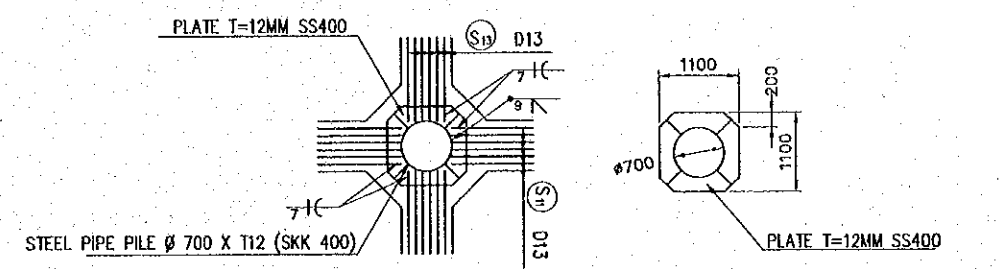
NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

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REV. NO.	DATE	COORDINATE	BY										
APPROVED	DATE												

BAR BENDING SCHEDULE FOR PLATFORM1 BEAM



DETAIL & BENDING SCHEDULE FOR PLATE

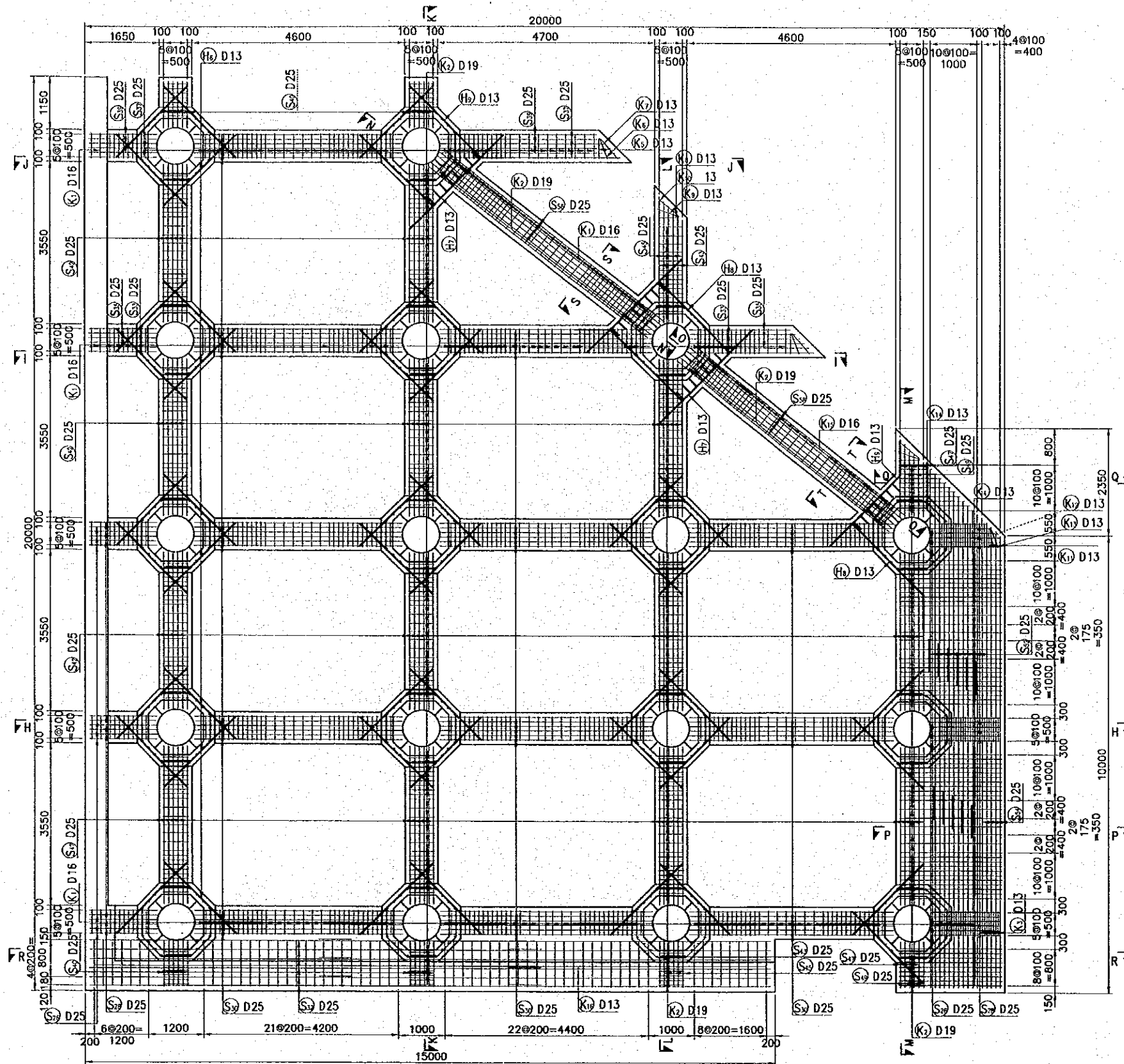


NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	<p>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)                  COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</p>	<p>THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR</p> <p>NIPPON KOEI CO., LTD.</p>	DESIGNED BY :	SECTION : QUAYWALL WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : PASSENGER BERTH	SCALE : 1 : 100
								APPROVED BY :	TITLE : BAR BENDING SCHEDULE FOR PLATFORM 1 BEAM	DRAWING NO. : QW-02-011



# BAR ARRANGEMENT FOR PLATFORM 2 BEAM (LOWER SIDE)



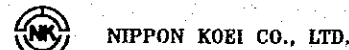
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



**JICA**  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY  
 (JICA)

**Cepa**  
 COMISION EJECUTIVA  
 PORTUARIA AUTONOMA  
 (CEPA)

THE DETAILED DESIGN  
 ON PORT REACTIVATION PROJECT  
 IN LA UNION PROVINCE  
 OF THE REPUBLIC OF EL SALVADOR



NIPPON KOEI CO., LTD.

DESIGNED BY:

CHECKED BY:

APPROVED BY:

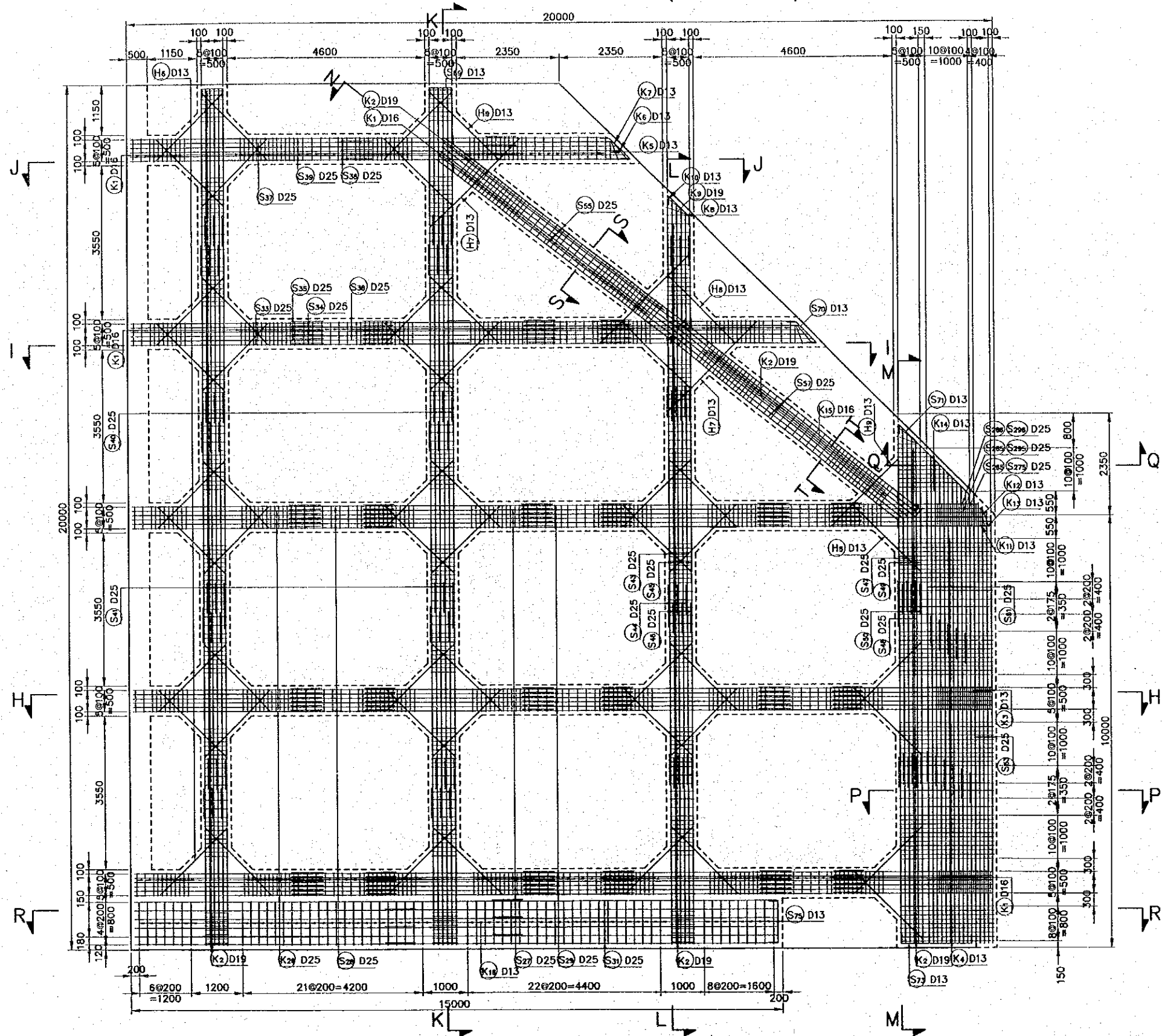
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 SUB-SECTION : PASSENGER BERTH  
 TITLE : BAR ARRANGEMENT FOR  
 PLATFORM 2 BEAM  
 (LOWER SIDE)

DATE : OCTOBER/2002

SCALE : 1 : 100

DRAWING NO. : QW-02-012

# BAR ARRANGEMENT FOR PLATFORM 2 BEAM (UPPER SIDE)



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
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THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR  
 NIPPON KOEI CO., LTD.

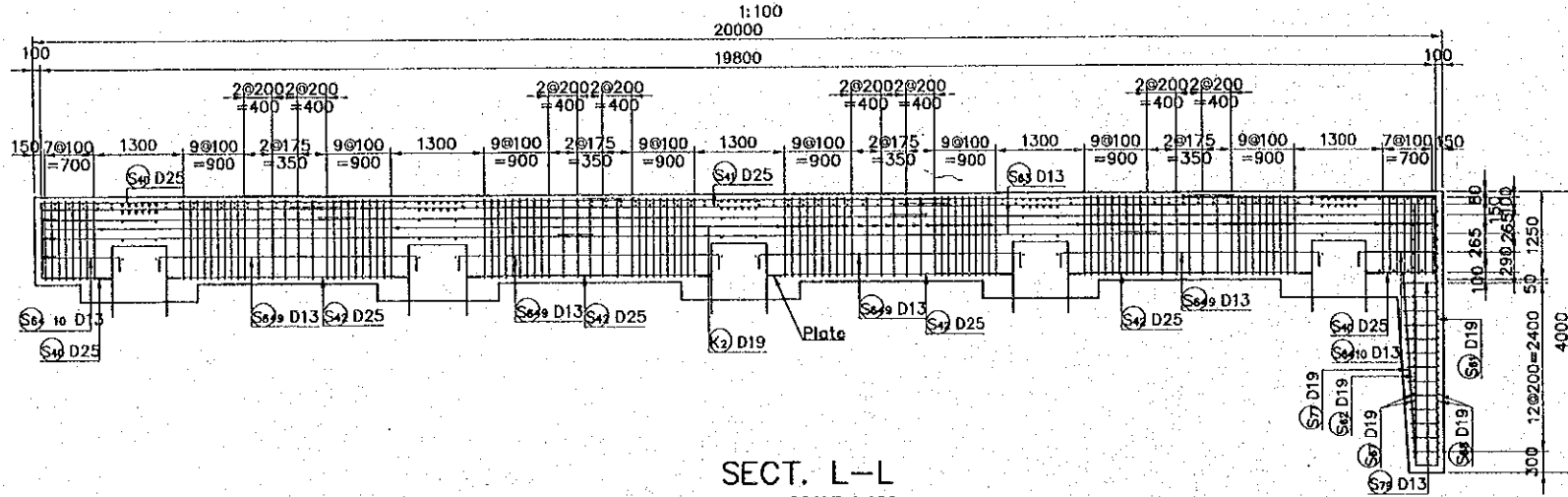
DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : QUAYWALL WORK  
 SUB-SECTION : PASSENGER BERTH  
 TITLE : BAR ARRANGEMENT FOR PLATFORM 2 BEAM (UPPER SIDE)

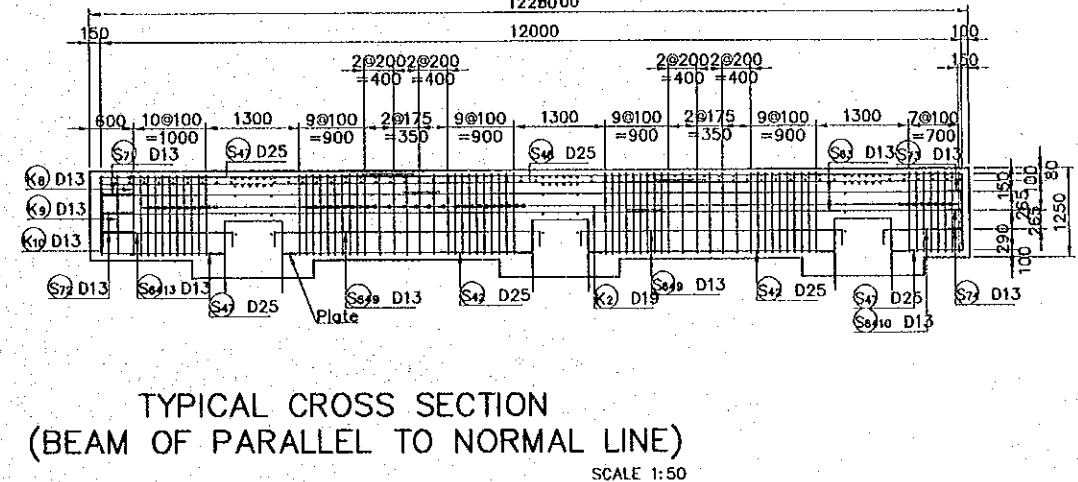
DATE : OCTOBER/2002  
 SCALE : 1 : 100  
 DRAWING NO. : QW-02-013

BAR SECTIONAL ARRANGEMENT FOR PLATFORM 2 BEAM (PARALLEL & OBLIQUE TO NORMAL LINE)

SECT. K-K



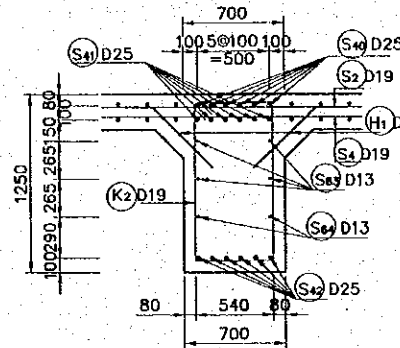
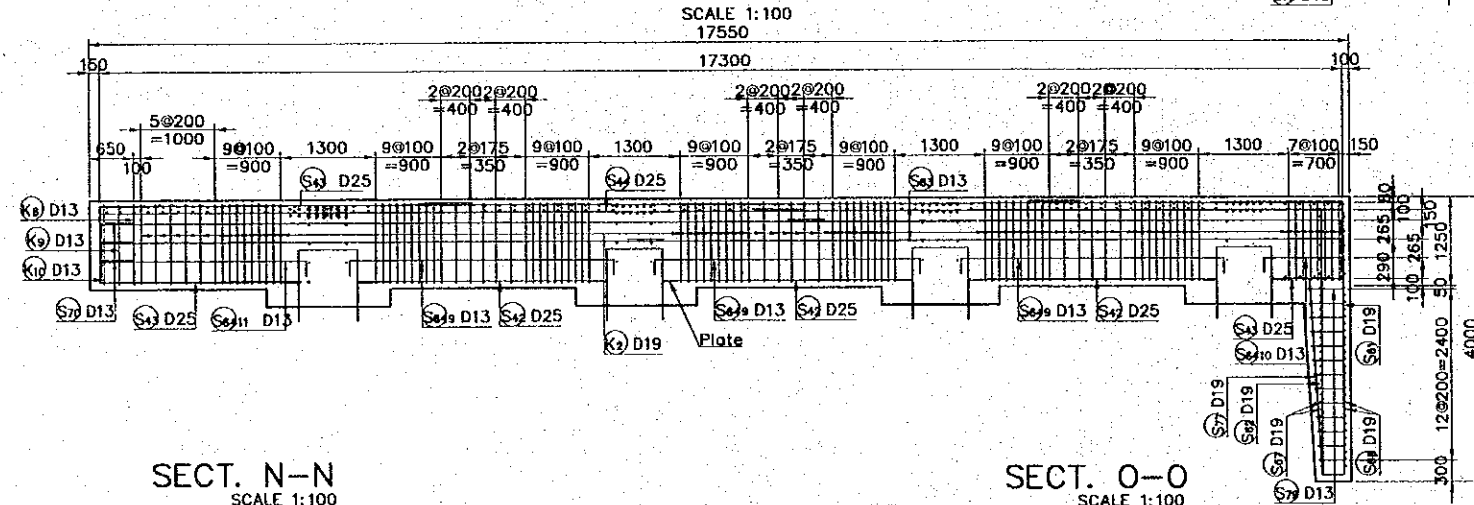
Sect.M-M



TYPICAL CROSS SECTION (BEAM OF PARALLEL TO NORMAL LINE)

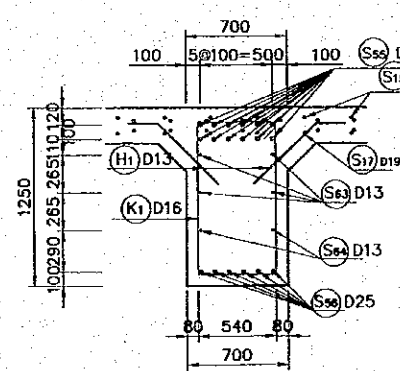
SCALE 1:50

SECT. L-L



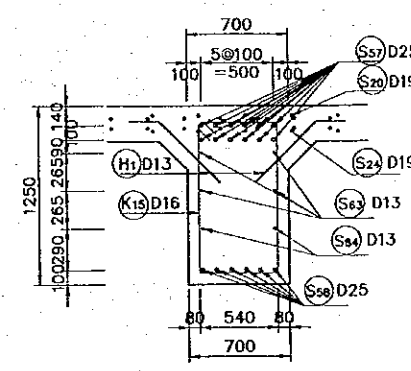
SECT. S-S

SCALE 1:50



SECT. T-T

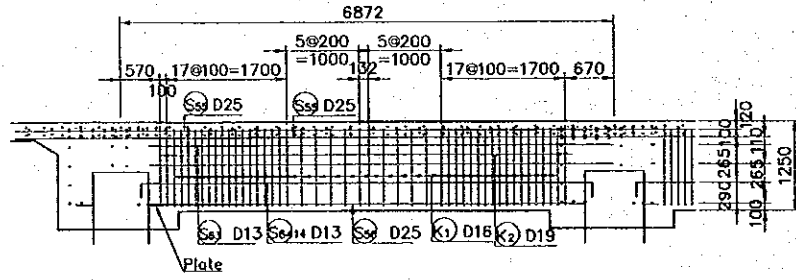
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SECT. N-N

SCALE 1:100

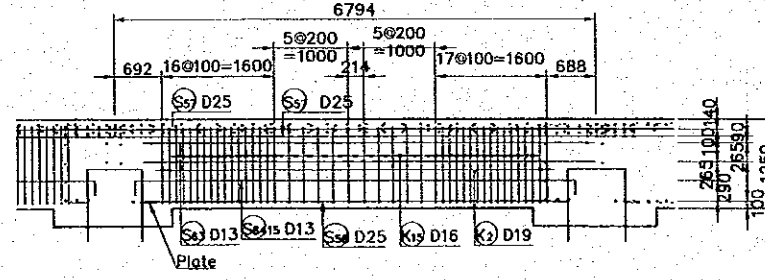
6872



SECT. O-O

SCALE 1:100

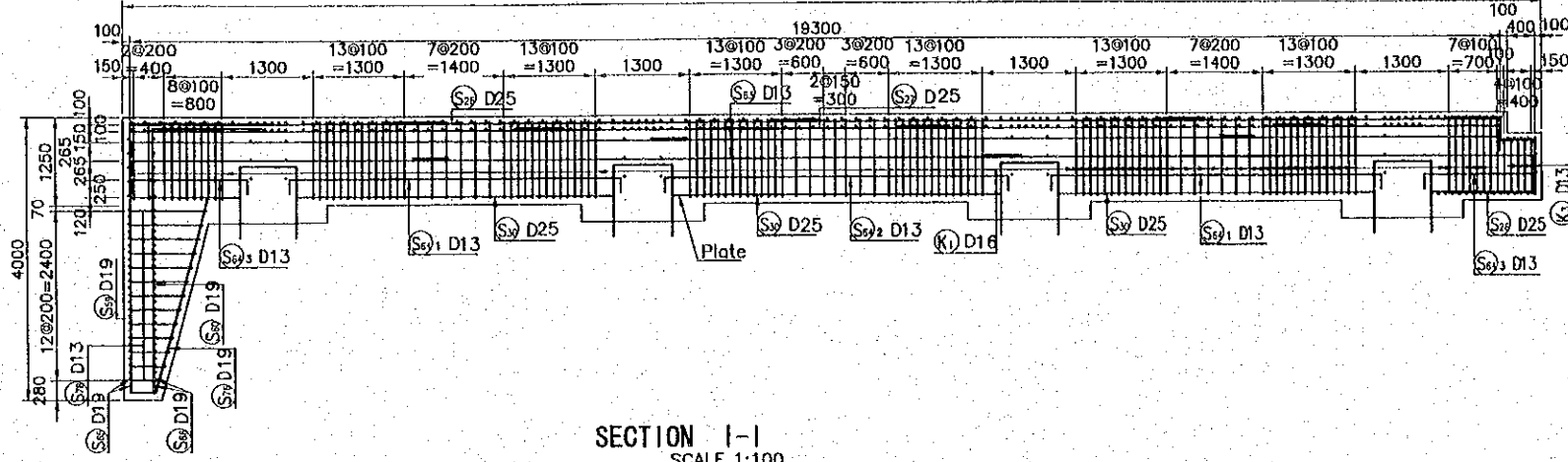
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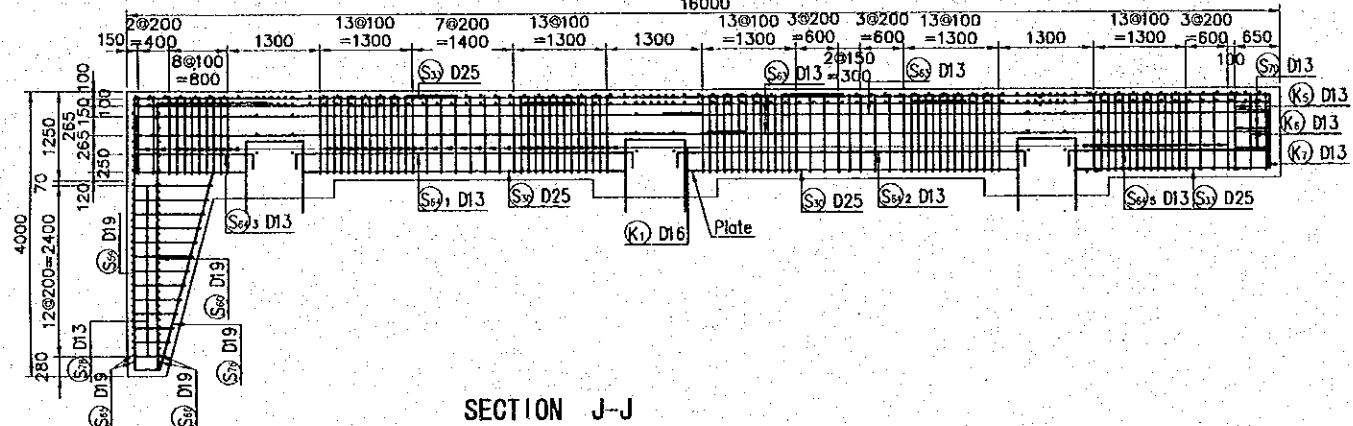
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
								CHECKED BY :	SUB-SECTION :	OCTOBER/2002
								APPROVED BY :	TITLE :	SCALE :
								QUAYWALL WORK PASSENGER BERTH BAR SECTIONAL ARRANGEMENT FOR PLATFORM 2 BEAM (PARALLEL & OBLIQUE TO NORMAL LINE)		AS INDICATED
										DRAWING NO. : QW-02-014

# BAR SECTIONAL ARRANGEMENT FOR PLATFORM2 BEAM (VERTICAL TO NORMAL LINE)

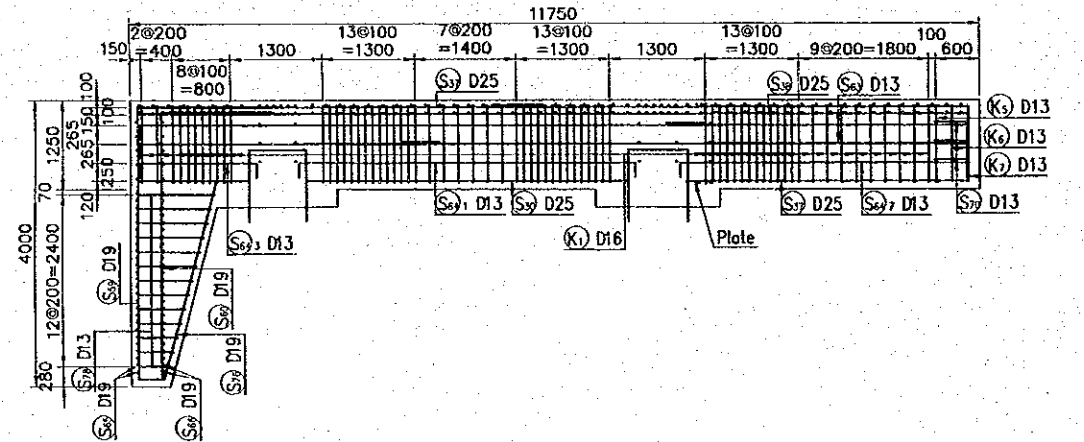
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## SECTION I-I SCALE 1:100

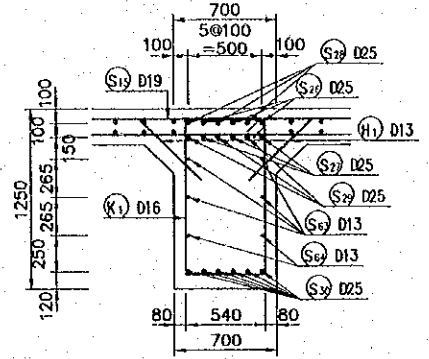


## SECTION J-J SCALE 1:100

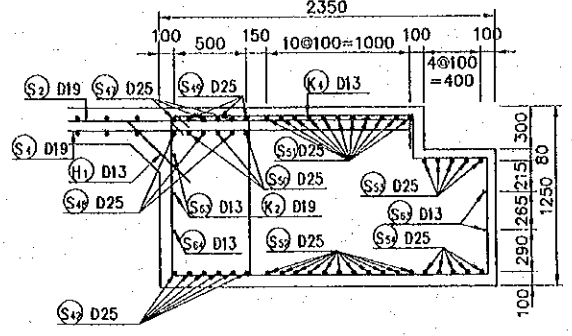


## TYPICAL CROSS SECTION (BEAM OF VERTICAL TO NORMAL LINE)

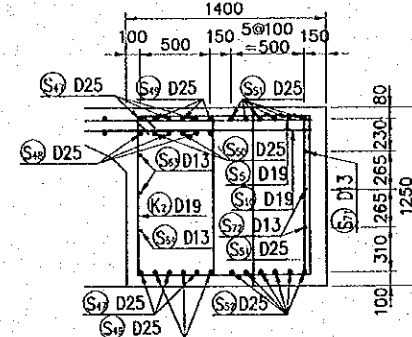
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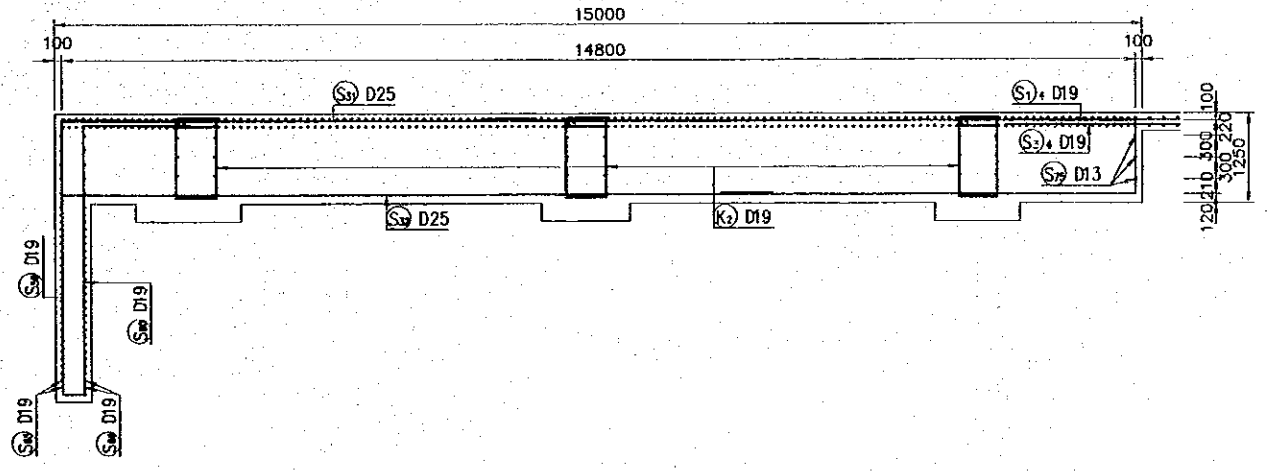
## SECTION P-P SCALE 1:50



## SECTION Q-Q SCALE 1:50



## SECTION R-R SCALE 1:100



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
**Gpa**  
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR  
**NK** NIPPON KOEI CO., LTD.

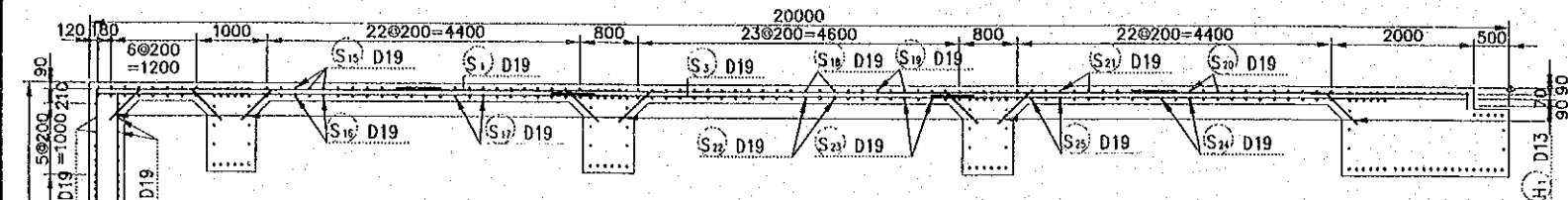
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : QUAYWALL WORK  
SUB-SECTION : PASSENGER BERTH  
TITLE : BAR SECTIONAL ARRANGEMENT FOR PLATFORM 2 BEAM (VERTICAL TO NORMAL LINE)

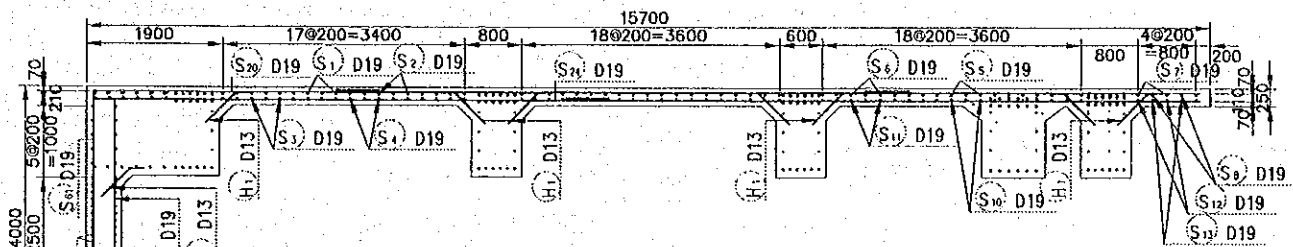
DATE : OCTOBER/2002  
SCALE : AS INDICATED  
DRAWING NO. : QW-02-015

BAR SECTIONAL ARRANGEMENT FOR PLATFORM2 DECK SLAB

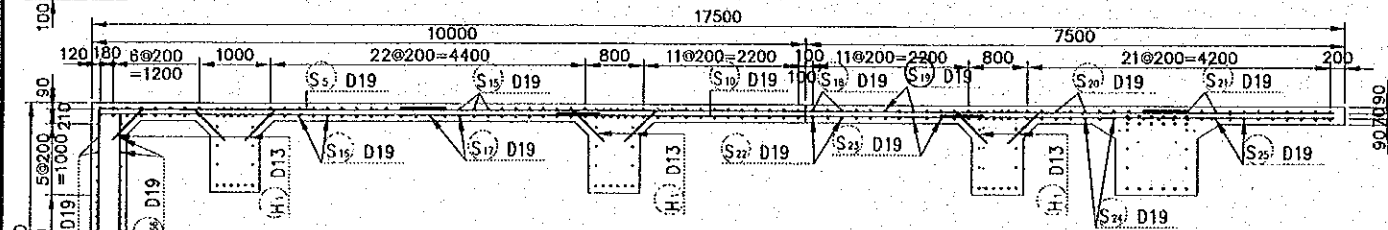
SECTION A-A



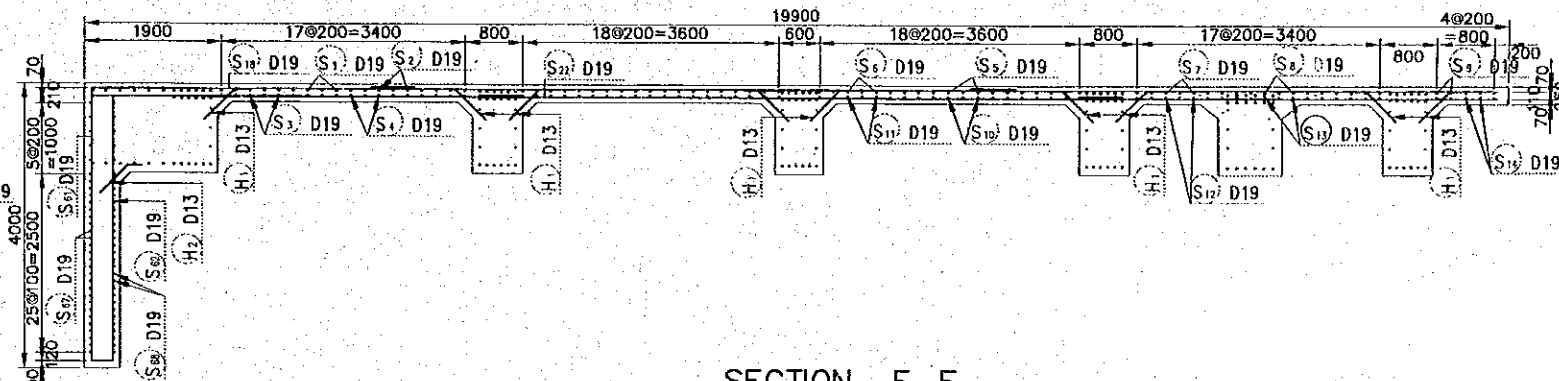
SECTION G-G



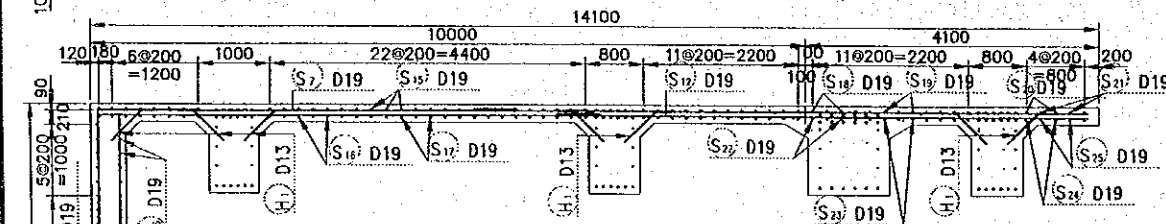
SECTION B-B



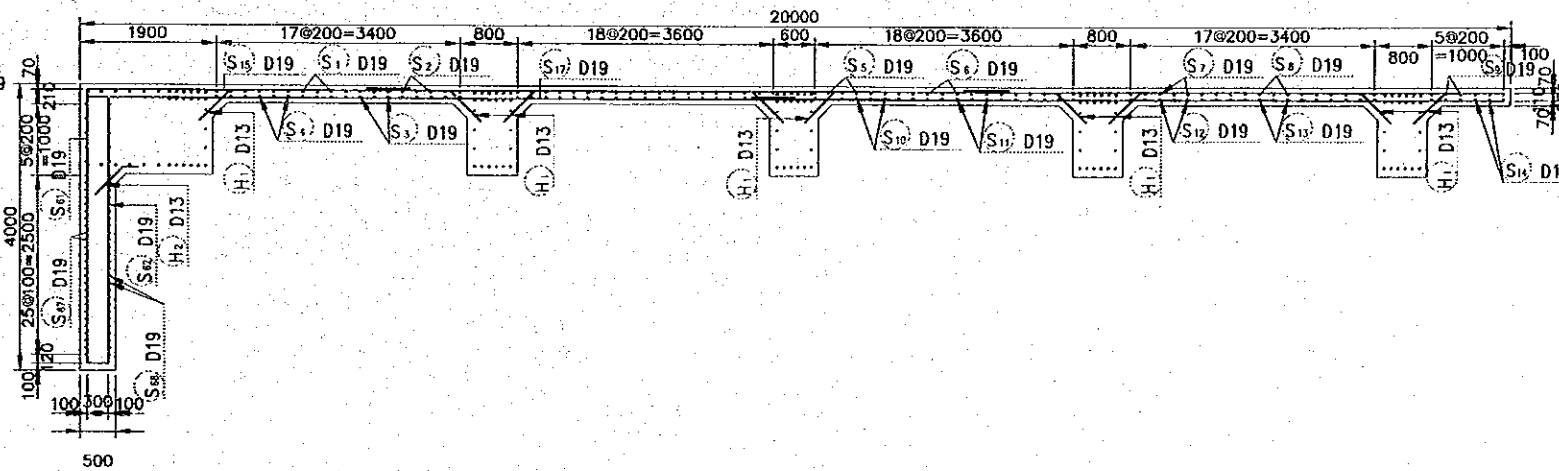
SECTION F-F



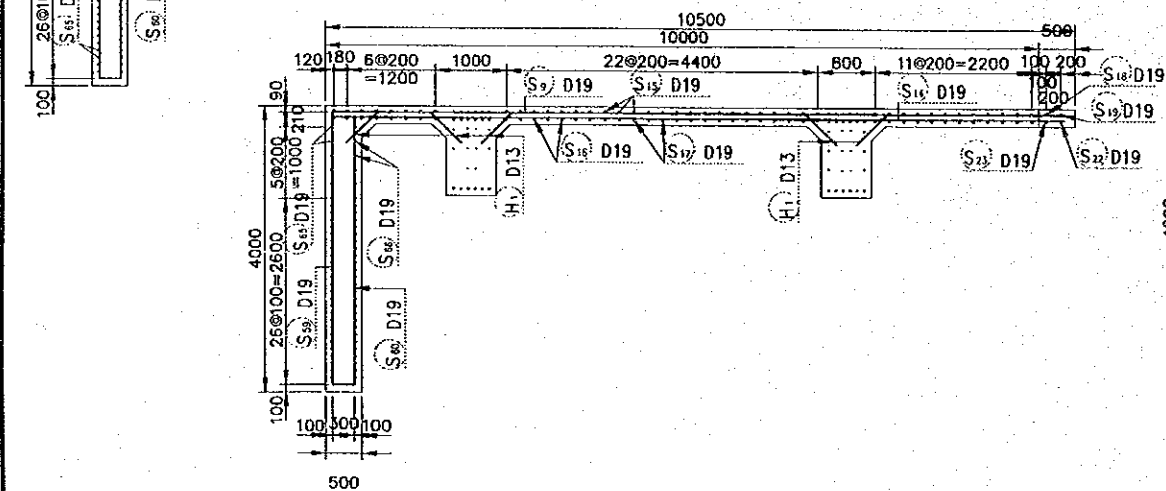
SECTION C-C



SECTION E-E



SECTION D-D



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)

**Cepa**  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

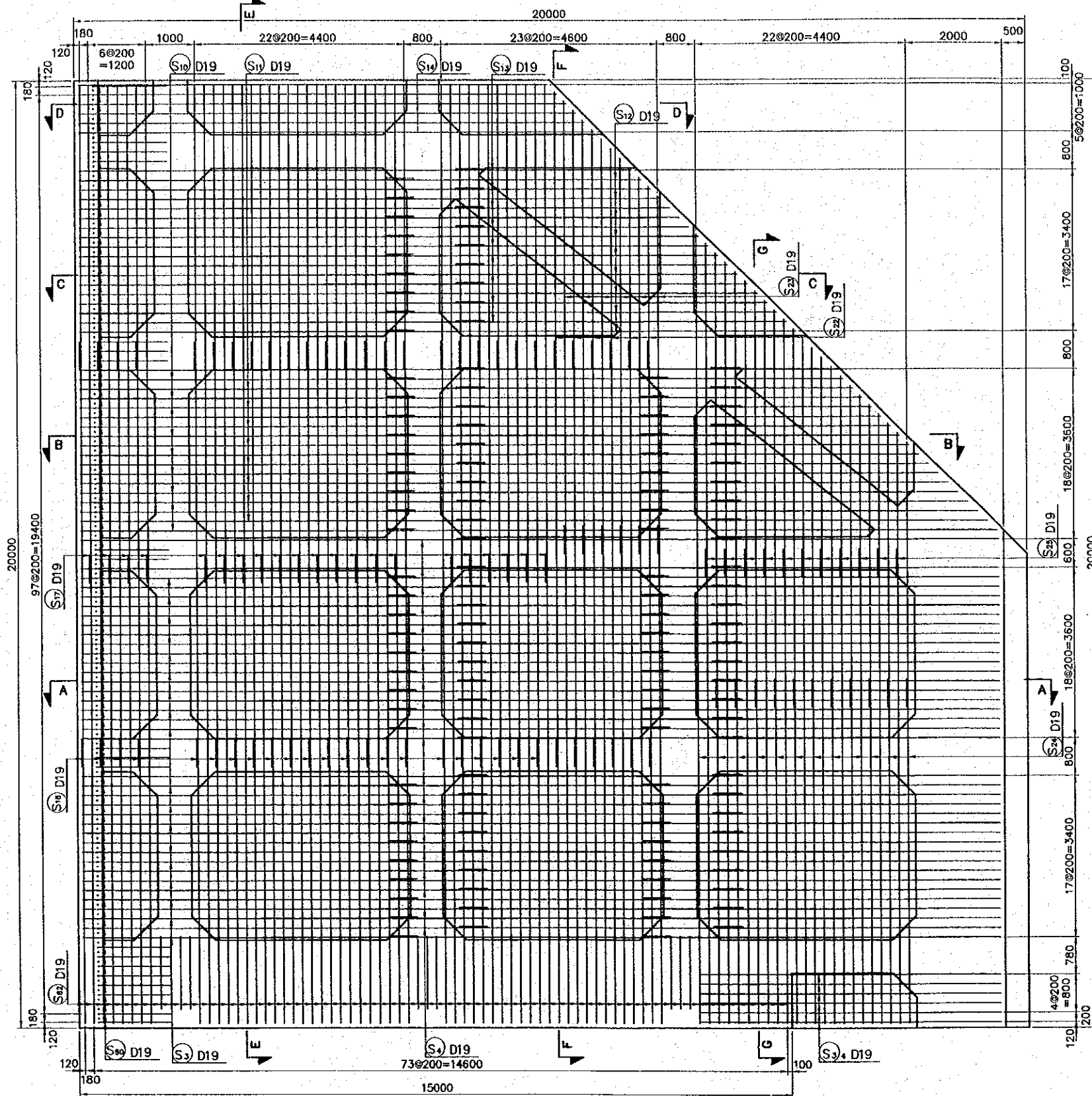
**NK**  
NIPPON KOEI CO., LTD.

DESIGNED BY:  
CHECKED BY:  
APPROVED BY:

SECTION : QUAYWALL WORK  
SUB-SECTION : PASSENGER BERTH  
TITLE : BAR SECTIONAL  
ARRANGEMENT FOR  
PLATFORM 2 DECK SLAB

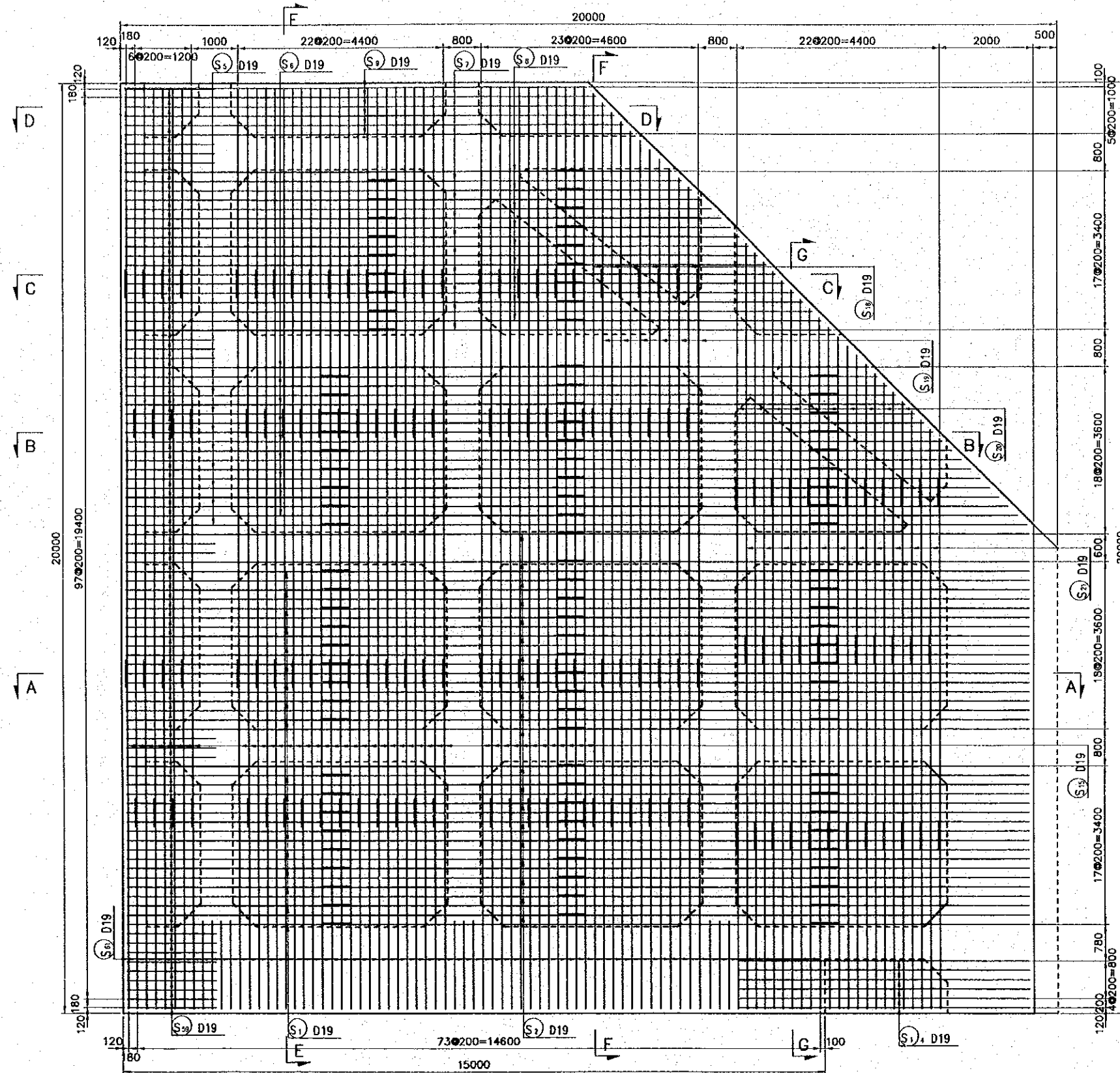
DATE : OCTOBER/2002  
SCALE : 1 : 100  
DRAWING NO. : QW-02-016

BAR ARRANGEMENT FOR PLATFORM2 DECK SLAB (LOWER SIDE)



REV. NO. DATE COORDINATE BY APPROVED DATE		<p>JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p> <p>CEPA COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</p>	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR <p>NIPPON KOEI CO., LTD.</p>	DESIGNED BY : CHECKED BY : APPROVED BY :	SECTION : QUAYWALL WORK SUB-SECTION : PASSENGER BERTH TITLE : BAR ARRANGEMENT FOR PLATFORM 2 DECK SLAB (LOWER SIDE)	DATE : OCTOBER/2002 SCALE : 1 : 100 DRAWING NO: QW-02-017

BAR ARRANGEMENT FOR PLATFORM2 DECK SLAB (UPPER SIDE)



REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
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COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

THE DETAILED DESIGN  
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OF THE REPUBLIC OF EL SALVADOR

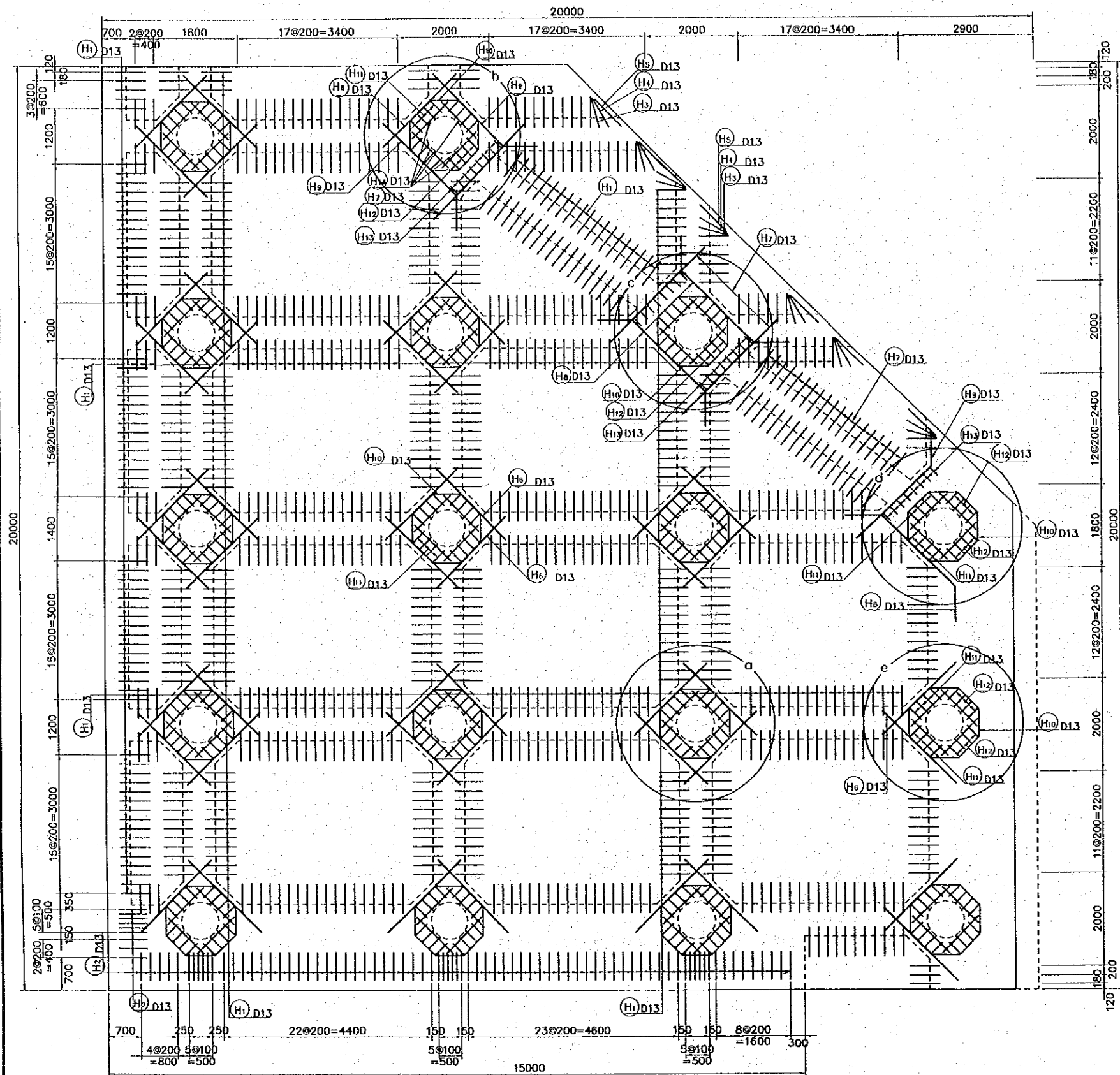
**NK**  
NIPPON KOEI CO., LTD.

DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

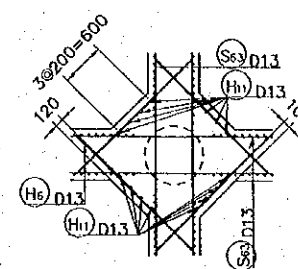
SECTION : QUAYWALL WORK  
SUB-SECTION : PASSENGER BERTH  
TITLE : BAR ARRANGEMENT FOR  
PLATFORM 2 BEAM  
(UPPER SIDE)

DATE : OCTOBER/2002  
SCALE : 1 : 100  
DRAWING NO : QW-02-018

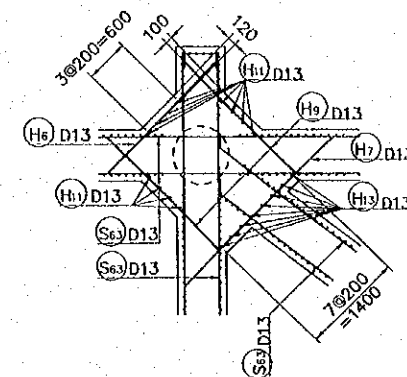
# BAR ARRANGEMENT FOR PLATFORM2 HAUNCH



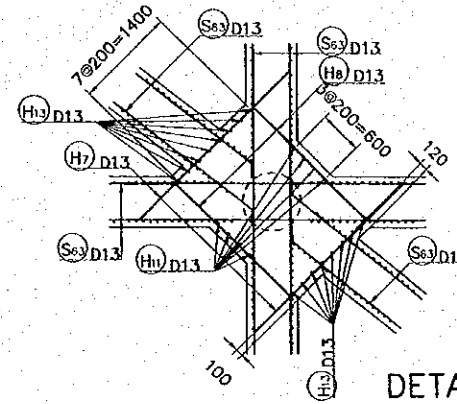
DETAIL OF PART A



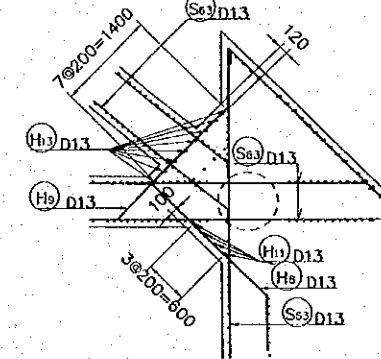
DETAIL OF PART B



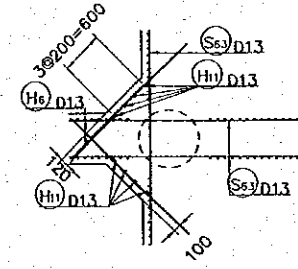
DETAIL OF PART C



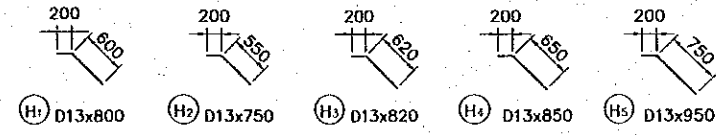
DETAIL OF PART D



DETAIL OF PART E



BAR BENDING SCHEDULE FOR PLATFORM2 HAUNCH



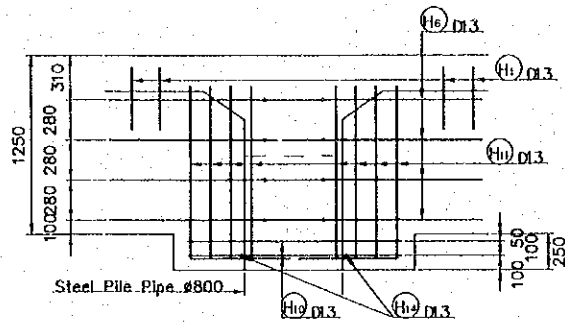
NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
									SUB-SECTION : QUAYWALL WORK TITLE : PASSENGER BERTH	OCTOBER/2002	
									BAR SECTIONAL ARRANGEMENT FOR PLATFORM 2 HAUNCH	SCALE : 1:100 DRAWING NO. : QW-02-019	

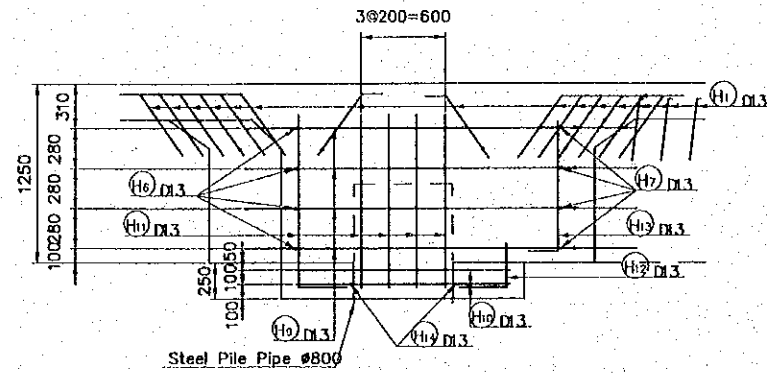


# BAR ARRANGEMENT FOR PLATFORM 2 PILE HEAD

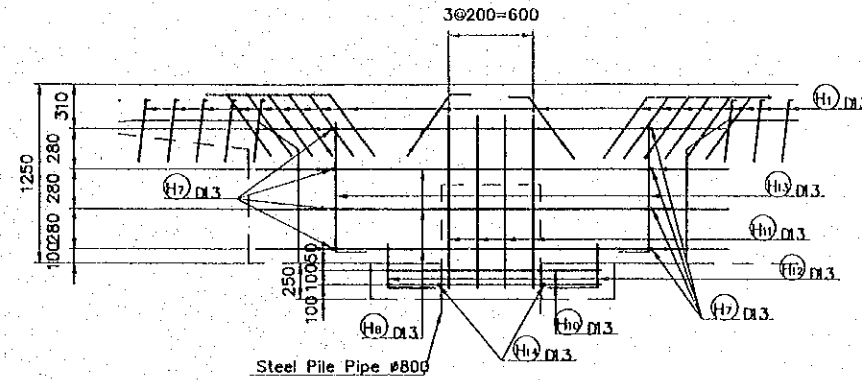
Sectional part a



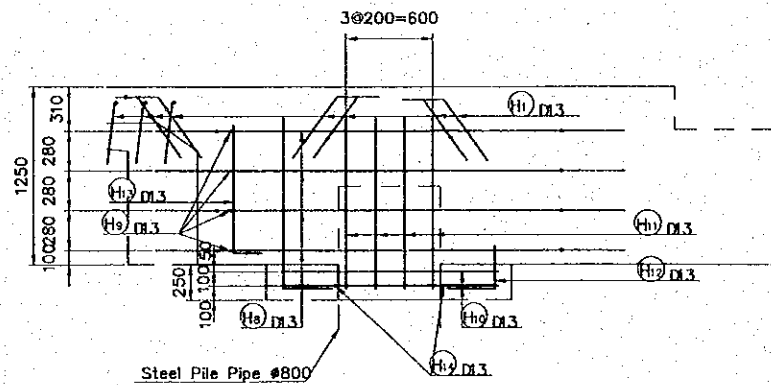
Sectional part b



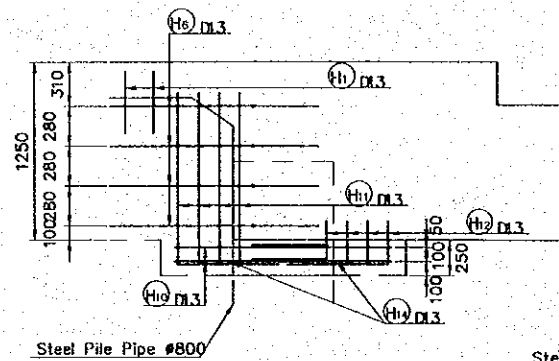
Sectional part c



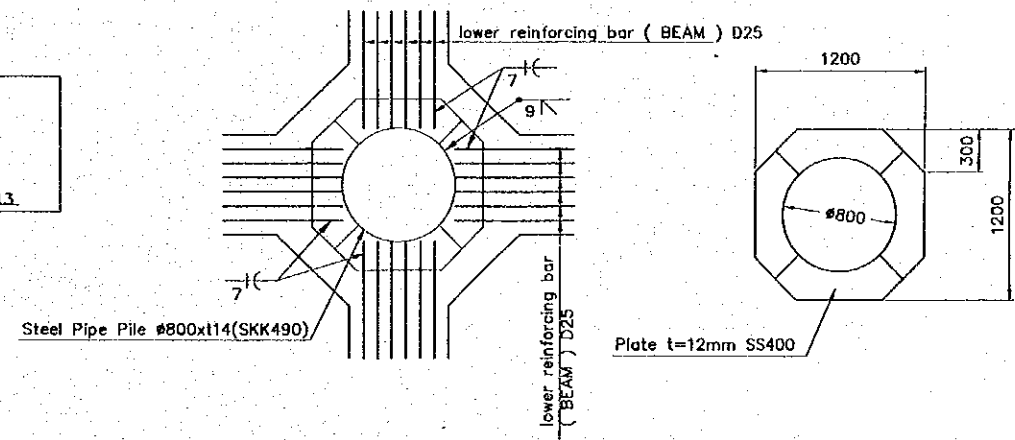
Sectional part d



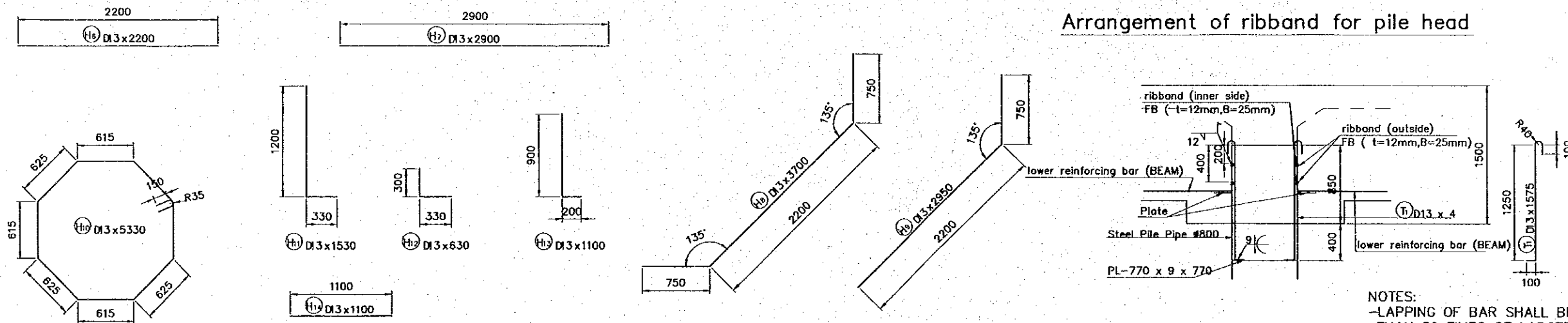
Sectional part e



Detail & Bending schedule for Plate






Arrangement of ribband for pile head



NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

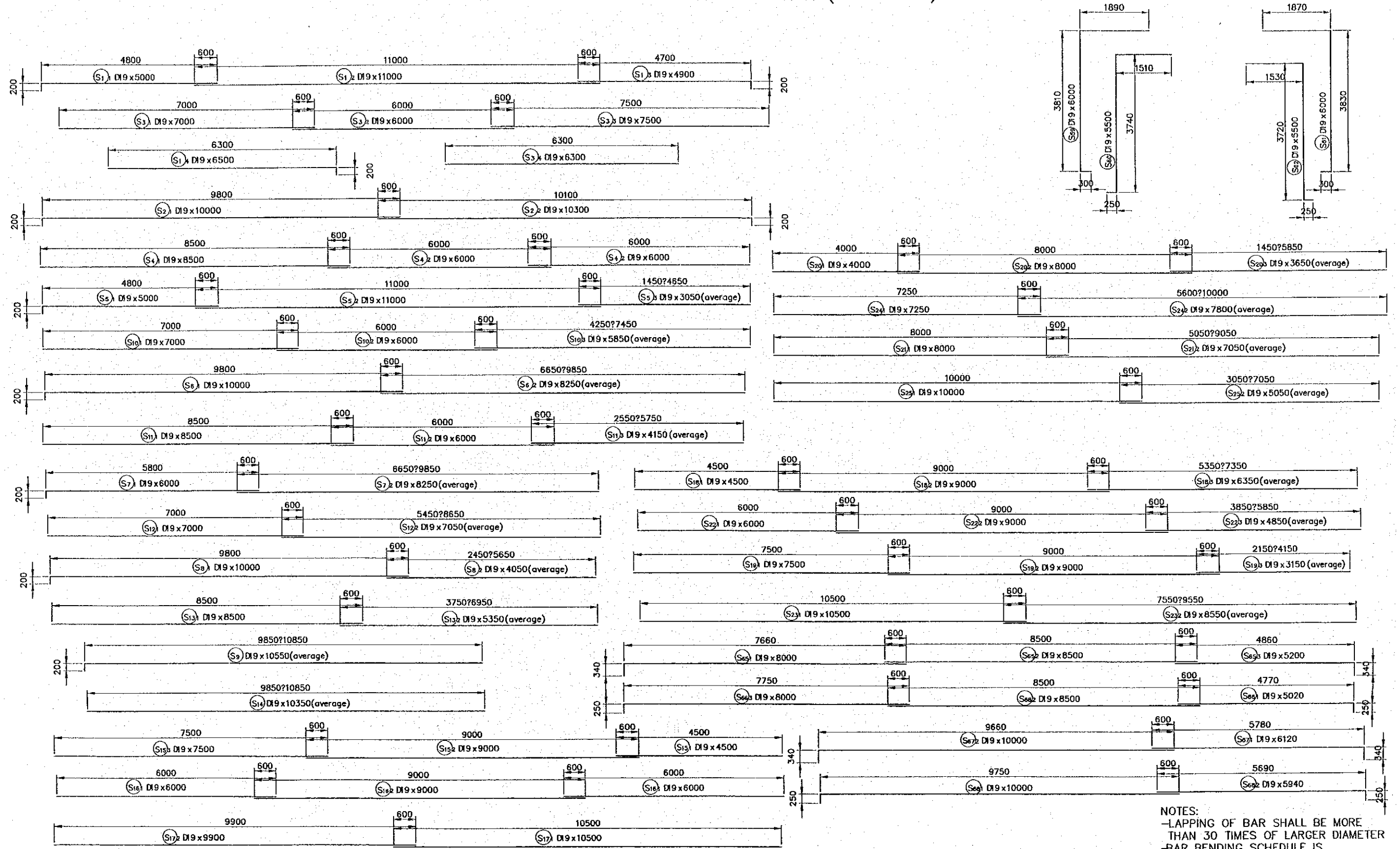
THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR  
 NIPPON KOEI CO., LTD.

DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : QUAYWALL WORK  
 SUB-SECTION : PASSENGER BERTH  
 TITLE : BAR ARRANGEMENT FOR PLATFORM 2 PILE HEAD

GATE : OCTOBER/2002  
 SCALE : 1 : 50  
 DRAWING NO. : QW-02-020

### BAR BENDING SCHEDULE FOR PLATFORM2 No.1 (DECK SLAB)



NOTES:  
 -LAPPING OF BAR SHALL BE MORE THAN 30 TIMES OF LARGER DIAMETER  
 -BAR BENDING SCHEDULE IS REFERENCE ONLY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

**JICA**  
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
**CEPA**  
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
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NIPPON KOEI CO., LTD.

DESIGNED BY:	SECTION:	QUAYWALL WORK SUB-SECTION : PASSENGER BERTH TITLE : BAR BENDING SCHEDULE FOR PLATFORM 2 No.1 (DECK SLAB)	DATE :
CHECKED BY:	DATE :		OCTOBER/2002
APPROVED BY:	SCALE :		1 : 100
			DRAWING NO.:
			QW-02-021