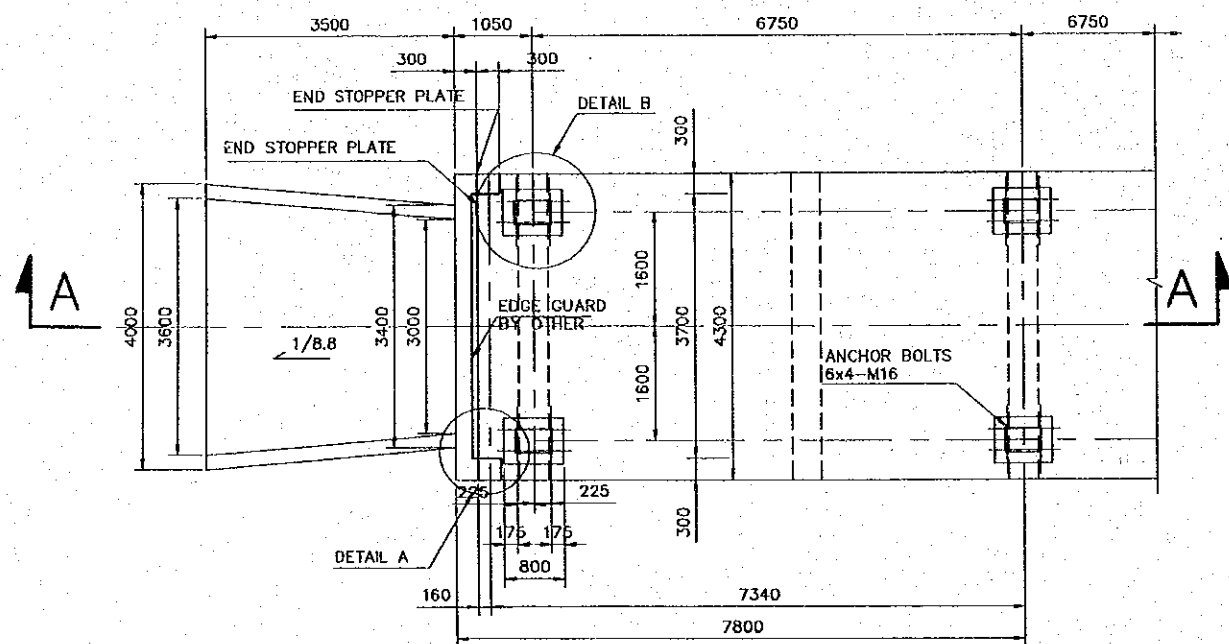
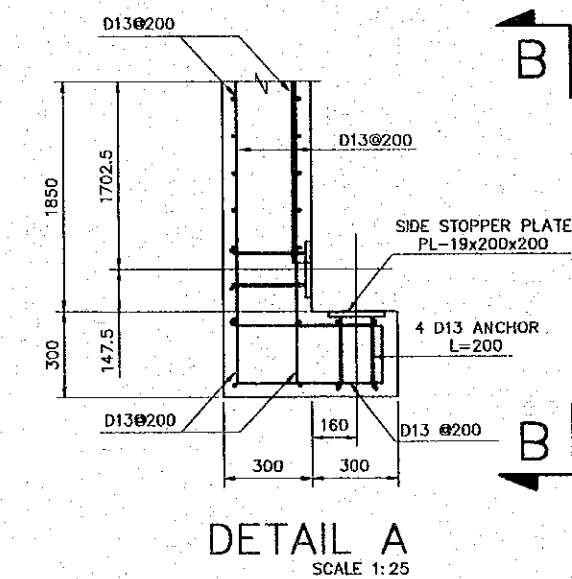
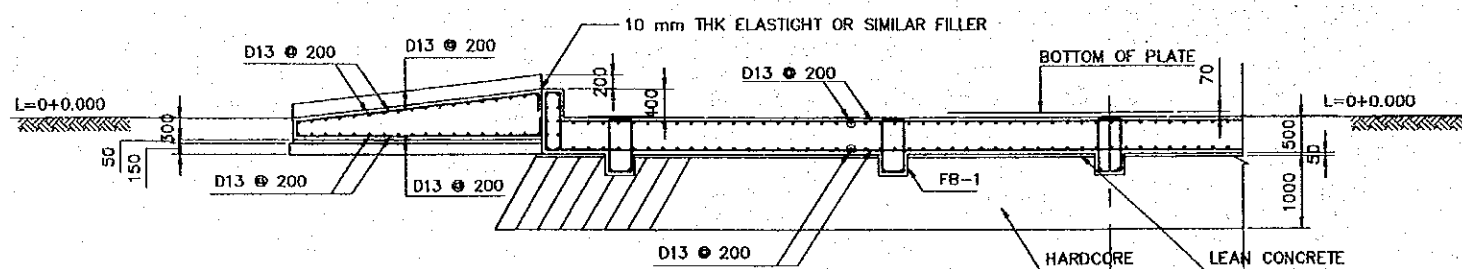


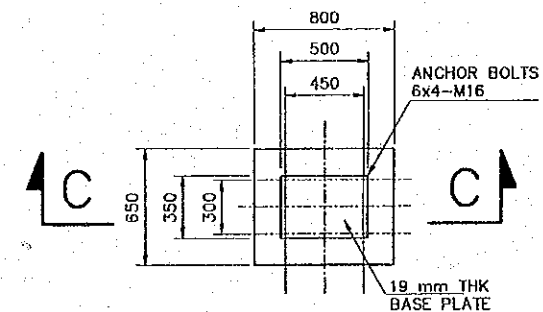
WEIGHBRIDGE KEY PLAN  
SCALE 1:100



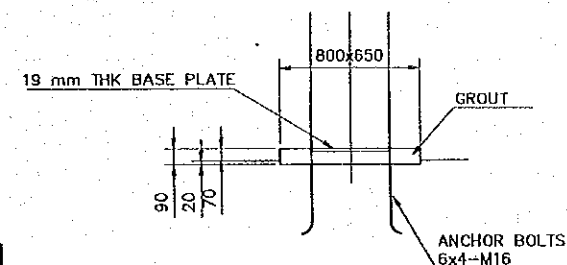
SECTION A-A  
SCALE 1:100



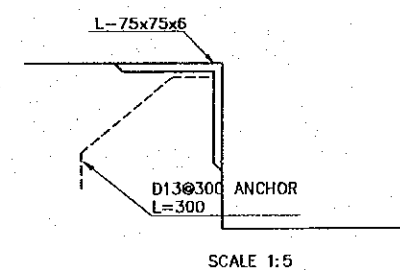
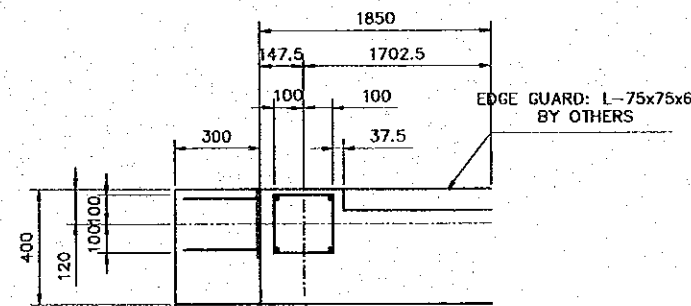
VIEW-B  
SCALE 1:25



DETAIL B  
SCALE 1:40

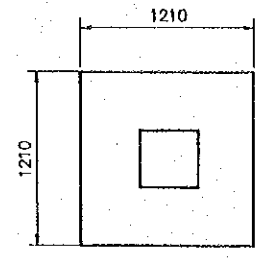
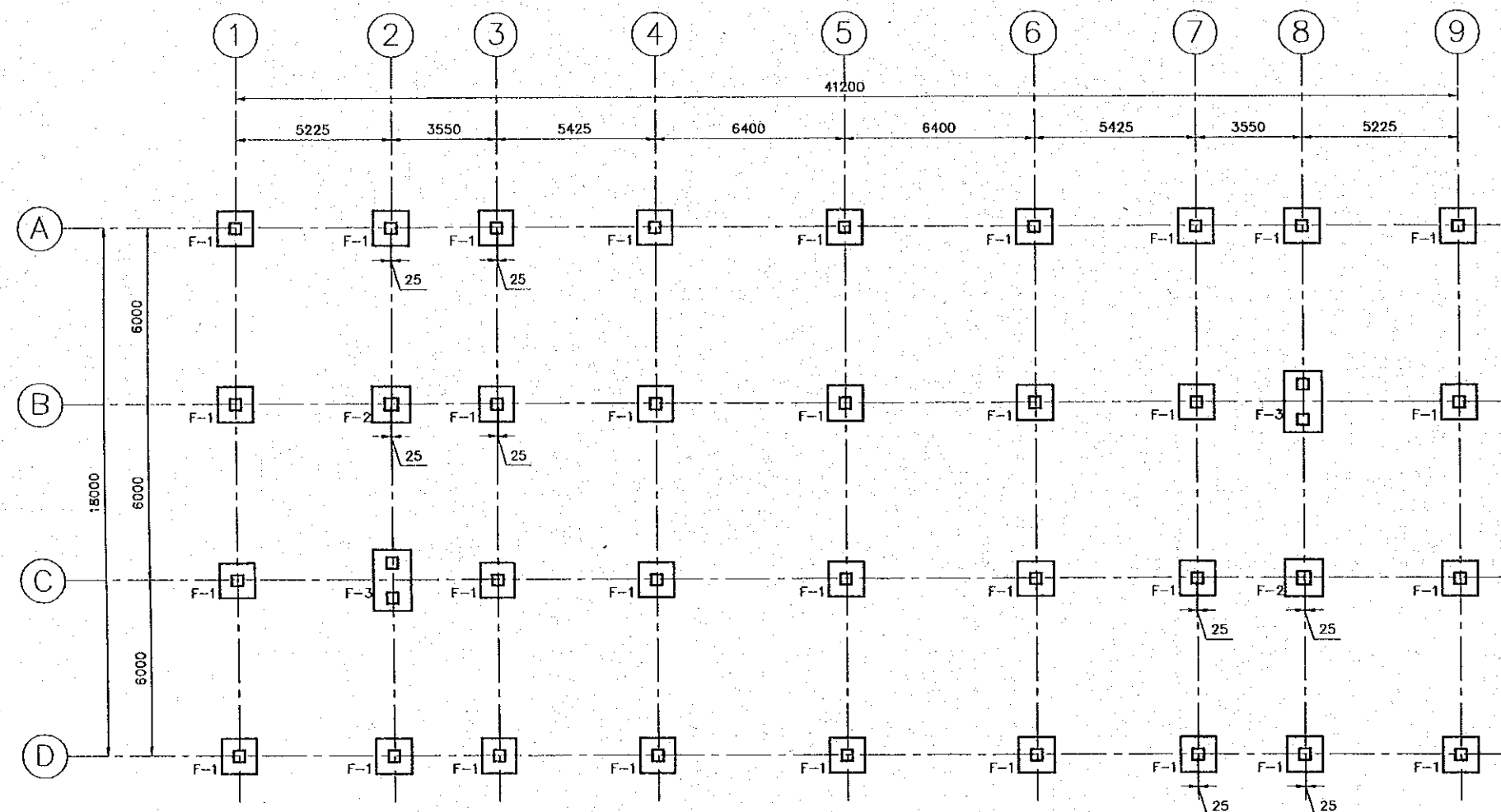


SECTION C-C  
SCALE 1:40



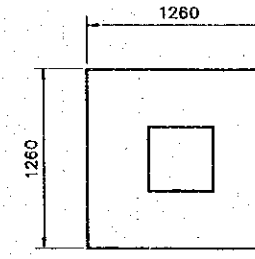
SCALE 1:5

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 : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER GATE	SCALE : INDICATED
								APPROVED BY :	FILE : WEIGH BRIDGE DETAIL	DRAWING NO. : BD-04-015



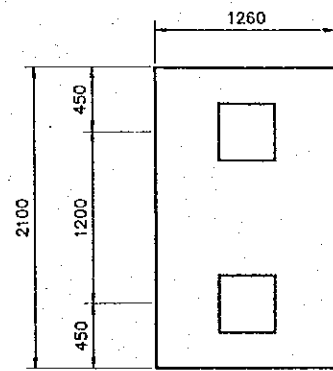
(th=700)  
1 PRECAST PRESTRESS  
PILE 400 x 400

F-1  
SCALE 1:50



(th=700)  
1 PRECAST PRESTRESS  
PILE 450 x 450

F-2  
SCALE 1:50



(th=800)  
2 PRECAST PRESTRESS  
PILE 400 x 400

F-3  
SCALE 1:50

STRUCTURAL PILE FOUNDATION PLAN  
SCALE 1:200

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



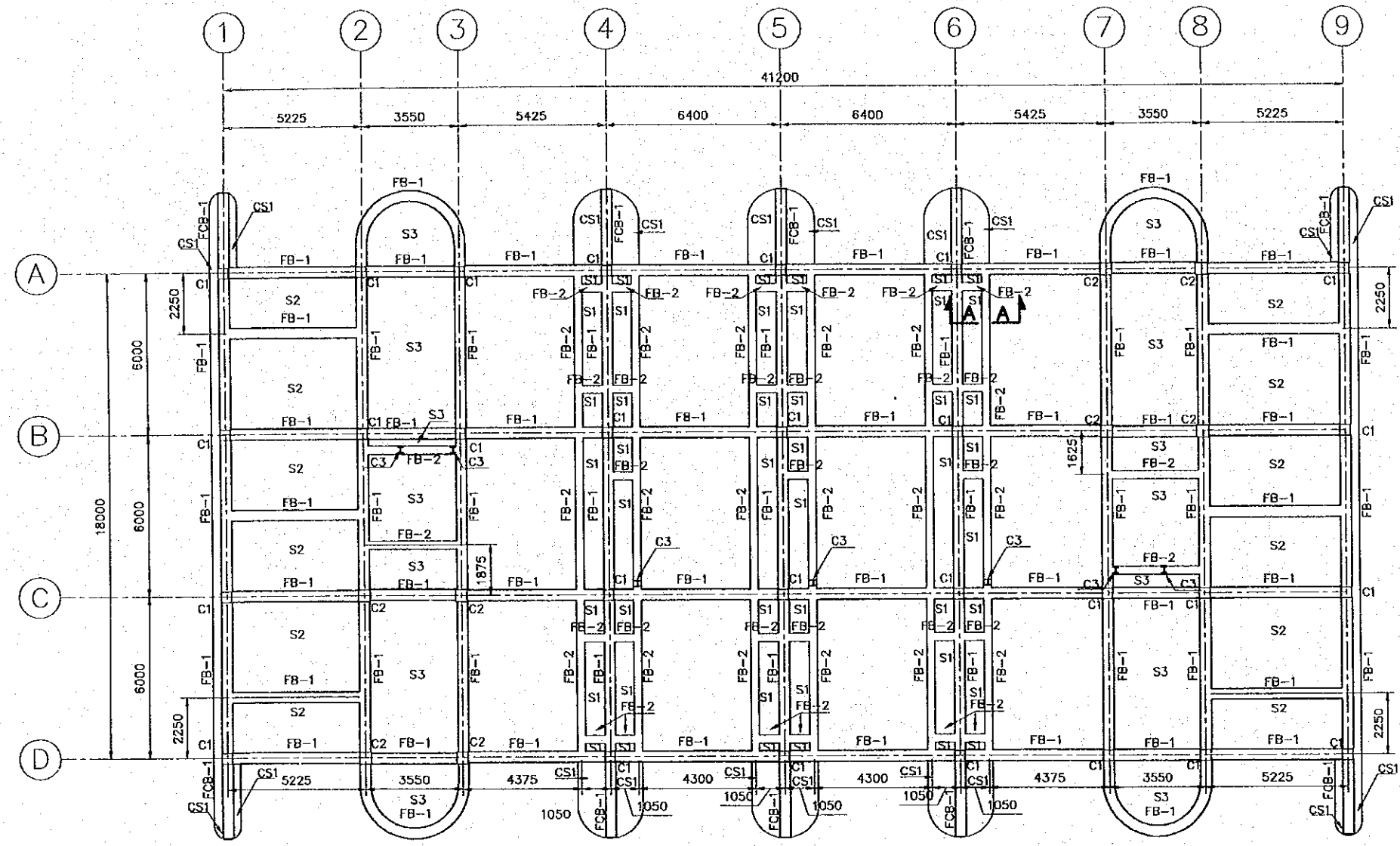
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

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 :

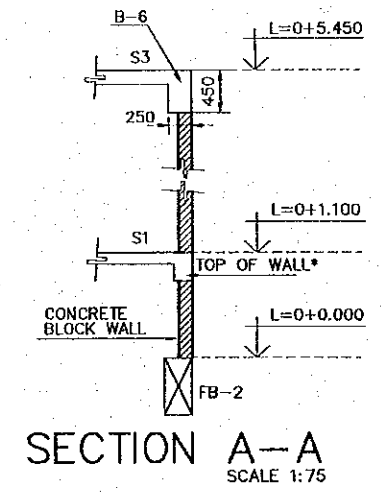
SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : STRUCTURAL PILE  
FOUNDATION PLAN

DATE : OCTOBER/2002  
SCALE : 1 : 200, 1 : 50  
DRAWING NO : 80-04-016



- FB: FOUNDATION BEAM**
- FB-1 IS 800 x 400
- FB-2 IS 650 x 300
- FCB: FOUNDATION CANTILEVER BEAM**
- FCB-1 IS 800 x 400
- C: COLUMN**
- C1 IS 400 x 400
- C2 IS 450 x 450
- C3 W8 X31
- CS: CANTILEVER SLAB**
- CS1 THICKNESS 150
- S: SLAB**
- S1 THICKNESS 120
- S2 THICKNESS 500
- S3 THICKNESS 150

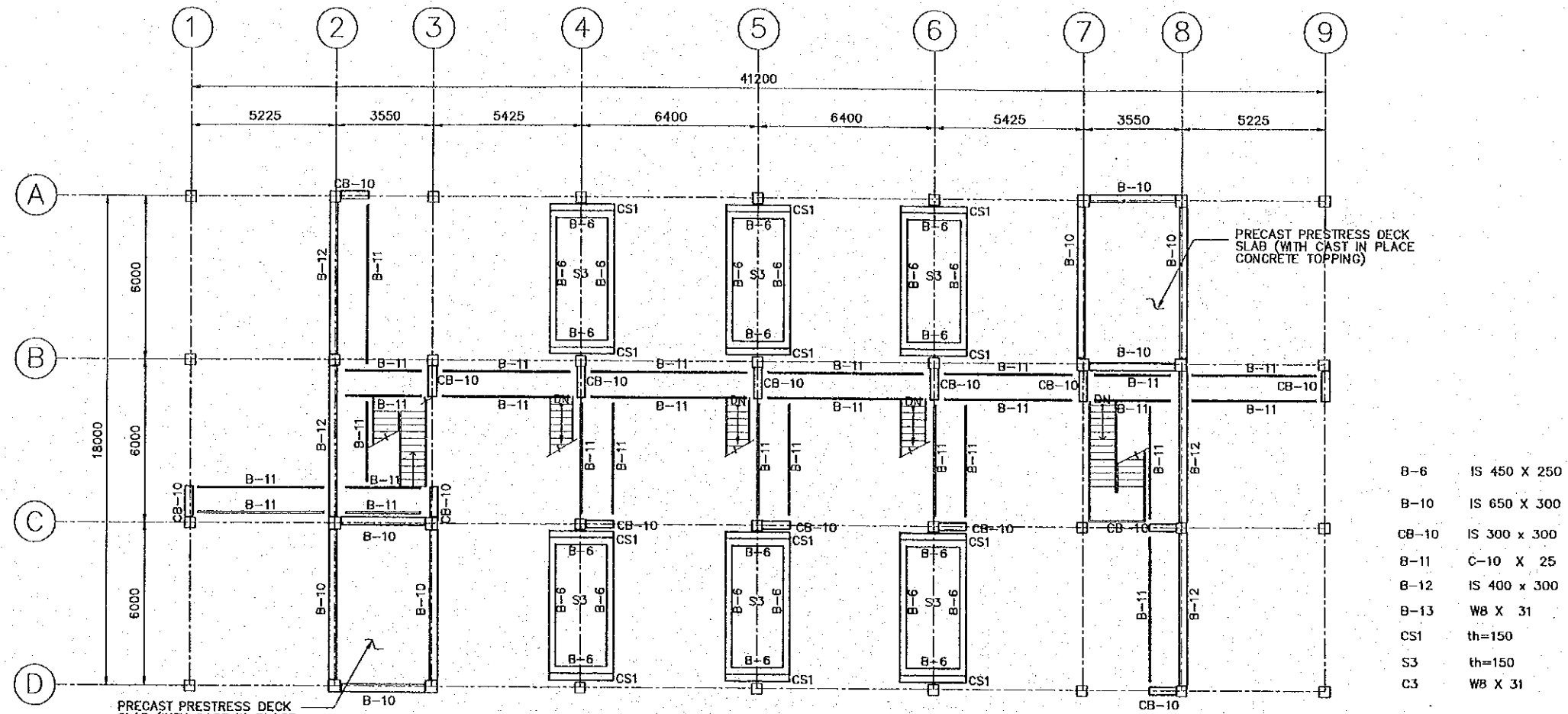
**STRUCTURAL FIRST FLOOR PLAN**  
SCALE 1:200



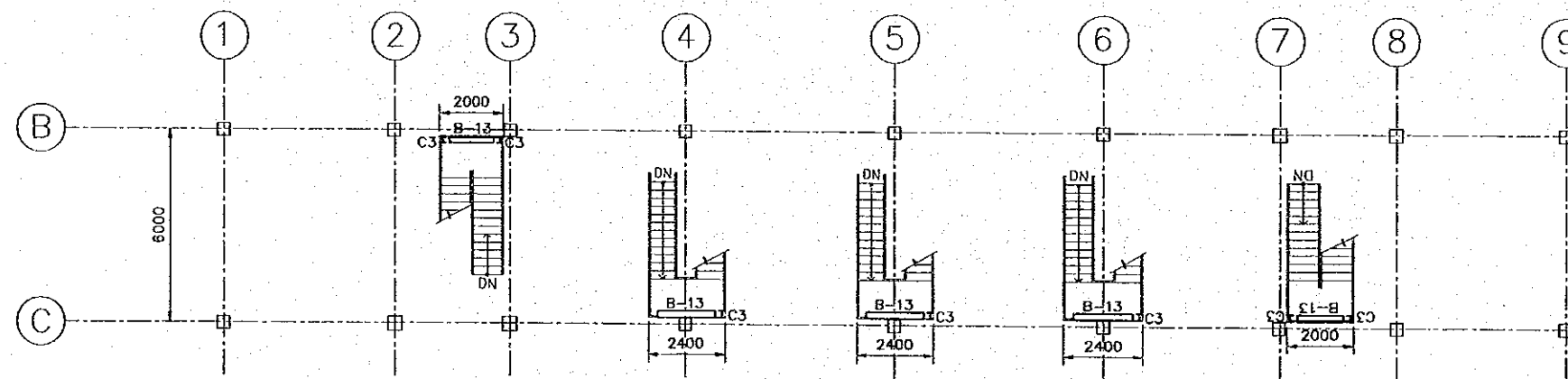
**SECTION A-A**  
SCALE 1:75

\*SEE DRAWING:  
BD-00-007

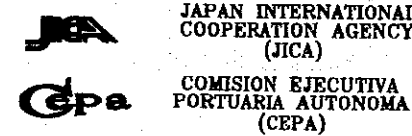

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER GATE	SCALE : INDICATED
								APPROVED BY :	TITLE : STRUCTURAL FIRST FLOOR PLAN	DRAWING NO. : BD-04-017

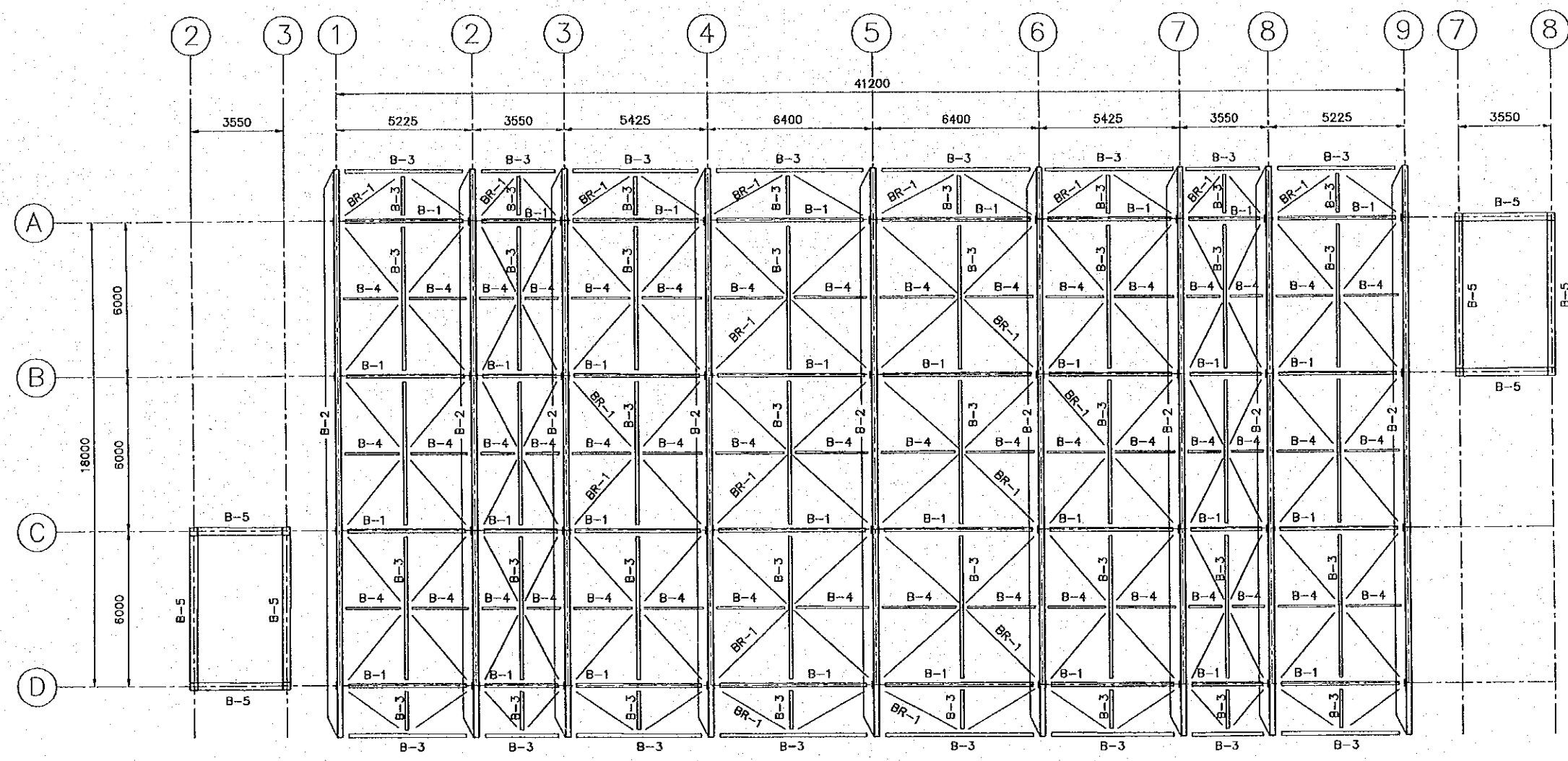


STRUCTURAL SECOND FLOOR PLAN  
SCALE 1:200






STAIR LANDING LEVEL  
SCALE 1:200

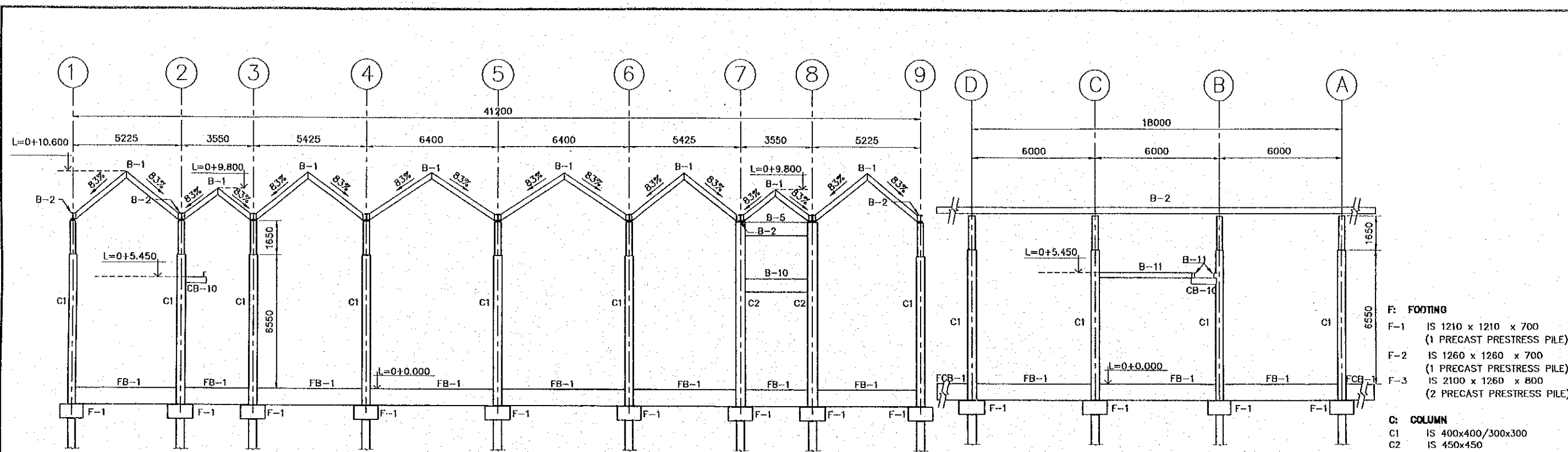
REV. NO.		DATE		COORDINATE		BY		APPROVED		DATE		 <p>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</p>	 <p>NIPPON KOEI CO., LTD.</p>	<p>THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR</p>	DESIGNED BY :	SECTION :	DATE :
															CHECKED BY :	SUB-SECTION :	SCALE :
															APPROVED BY :	TITLE :	DRAWING NO. :
												BUILDING WORK		OCTOBER/2002			
												CONTAINER GATE		1:200			
												STRUCTURAL SECOND FLOOR PLAN & STAIR LANDING PLAN		BD-04-018			



STRUCTURAL ROOF PLAN  
SCALE 1:200

- B-1 IS W10x22
- B-2 IS W12x40
- B-3 IS W8x18
- B-4 IS C4x5.4
- B-5 IS 650x300 (CONCRETE GIRDER)
- ALL DIAGONAL MEMBERS ARE BR-1, N6 BAR
- PURLIN IS 4"x 2"x 3/64" @ 1000

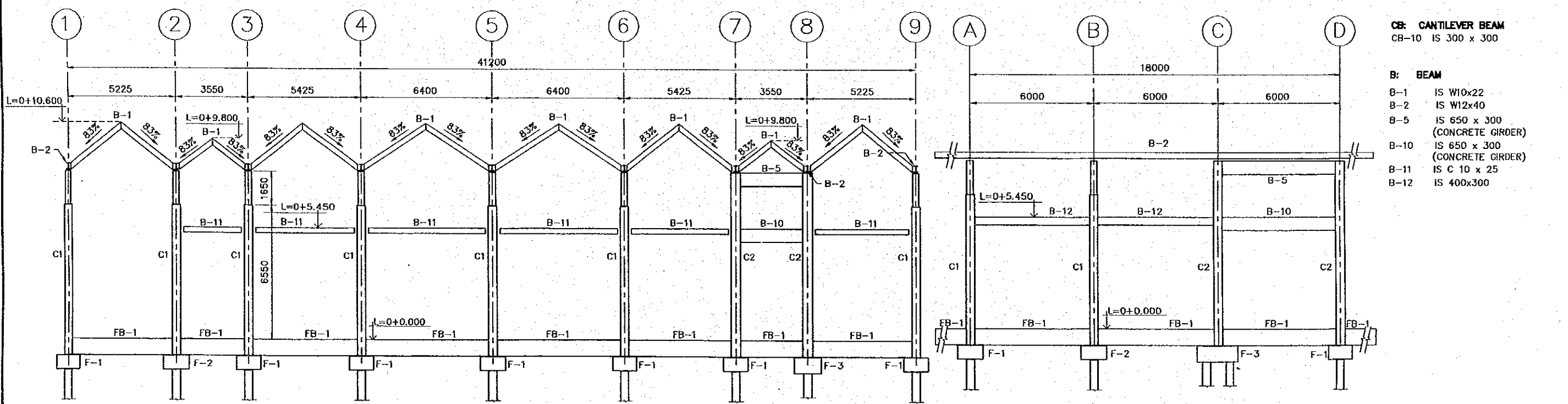
REV. NO.		DATE		COORDINATE		BY		APPROVED		DATE		 <b>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</b>	 <b>COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</b>	 <b>NIPPON KOEI CO., LTD.</b>	DESIGNED BY :	SECTION :	DATE :
															CHECKED BY :	SUB-SECTION :	OCTOBER/2002
												APPROVED BY :	TITLE :	SCALE :			
														1:200			
														DRAWING NO. :			
														BD-04-019			



A - AXIS SECTION  
SCALE 1:200

4, 5- & 6 AXIS SECTION  
SCALE 1:200

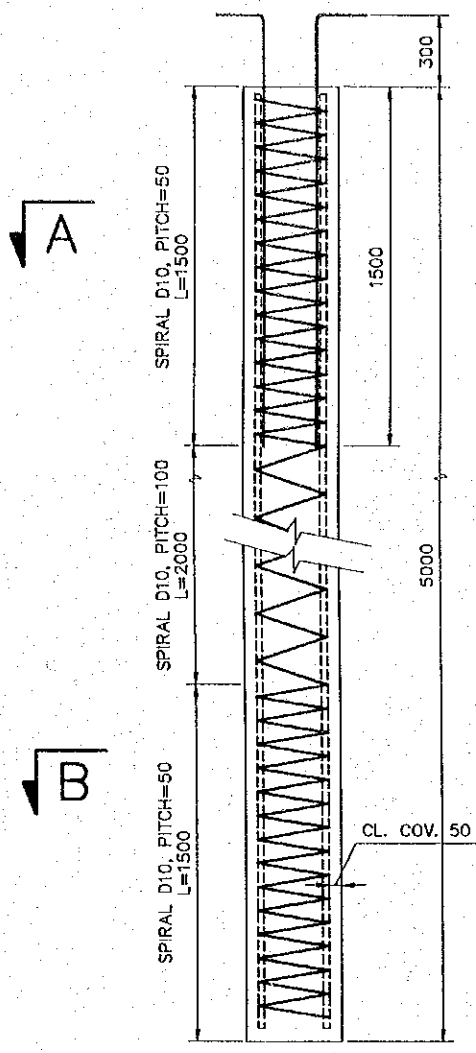
- F: FOOTING**  
 F-1 IS 1210 x 1210 x 700  
 (1 PRECAST PRESTRESS PILE)  
 F-2 IS 1260 x 1260 x 700  
 (1 PRECAST PRESTRESS PILE)  
 F-3 IS 2100 x 1260 x 800  
 (2 PRECAST PRESTRESS PILE)
- C: COLUMN**  
 C1 IS 400x400/300x300  
 C2 IS 450x450
- FB: FOUNDATION BEAM**  
 FB-1 IS 800 x 400
- CB: CANTILEVER BEAM**  
 CB-10 IS 300 x 300
- B: BEAM**  
 B-1 IS W10x22  
 B-2 IS W12x40  
 B-5 IS 650 x 300  
 (CONCRETE GIRDER)  
 B-10 IS 650 x 300  
 (CONCRETE GIRDER)  
 B-11 IS C 10 x 25  
 B-12 IS 400x300



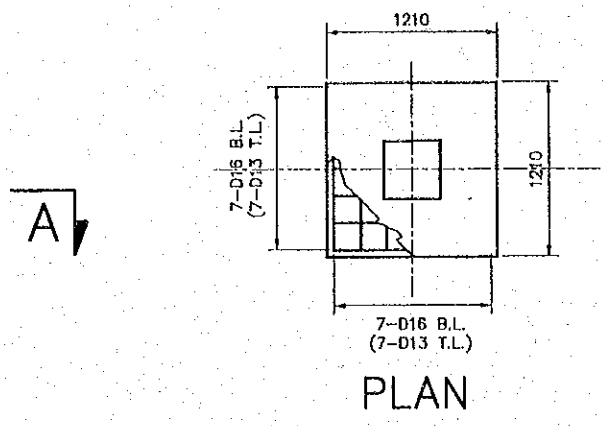
B - AXIS SECTION  
SCALE 1:200

2 AXIS SECTION  
SCALE 1:200

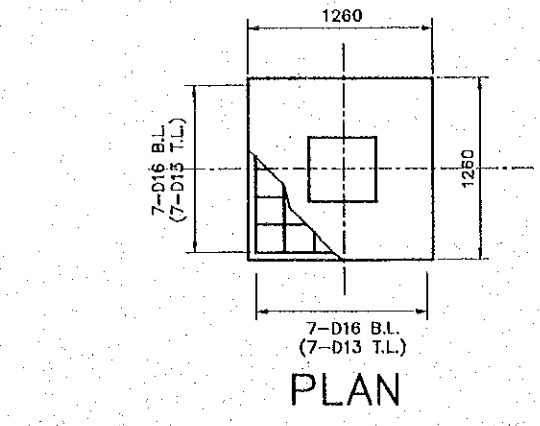
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY:	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY:	SUB-SECTION : CONTAINER GATE	SCALE : 1:200
								APPROVED BY:	TITLE : STRUCTURAL SECTION	DRAWING NO: BD-04-020



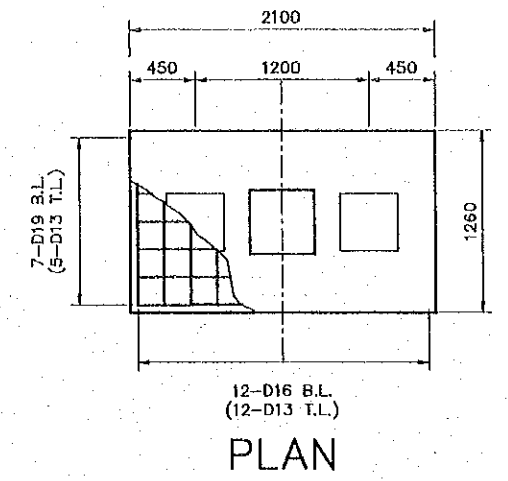
P1, P2  
PRECAST PRESTRESS PILE  
SCALE 1:30



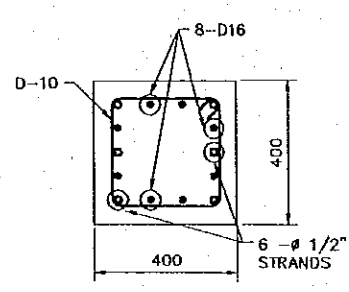
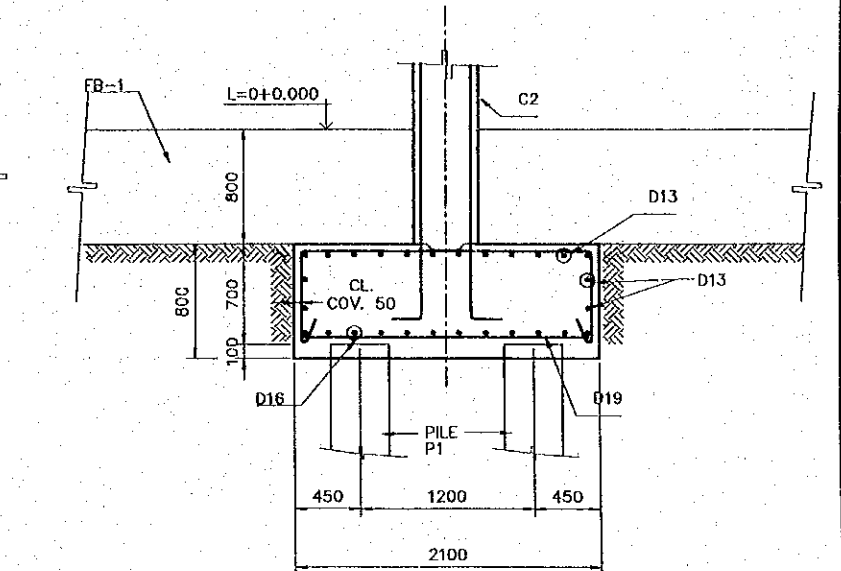
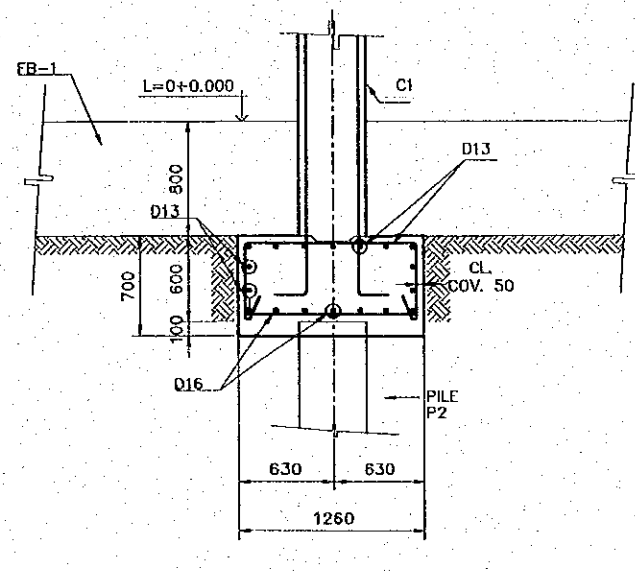
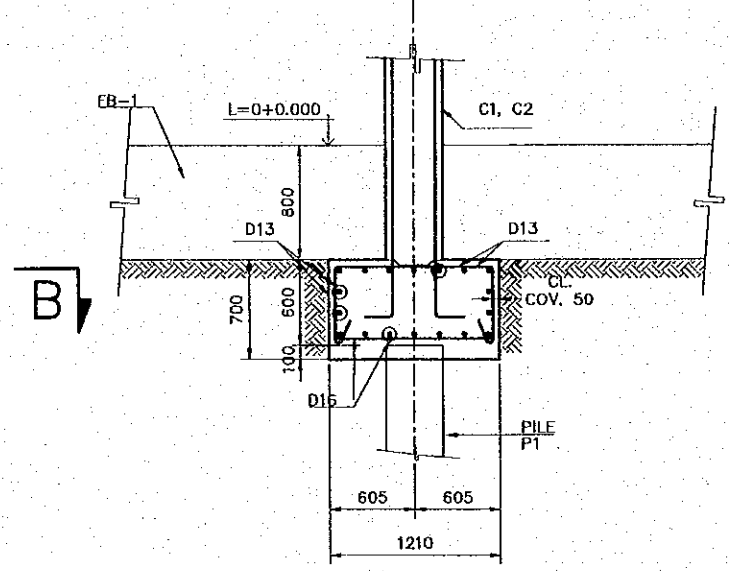
F-1 FOUNDATION  
SCALE 1:50



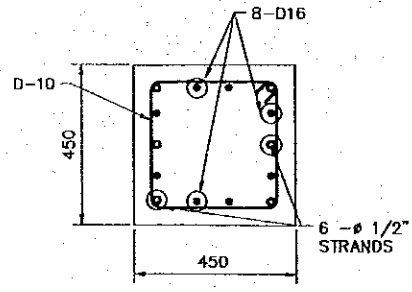
F-2 FOUNDATION  
SCALE 1:50



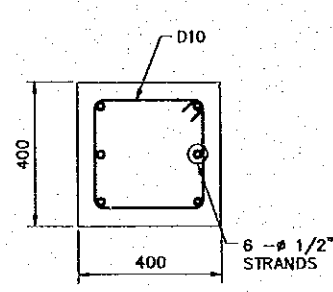
F-3 FOUNDATION  
SCALE 1:50



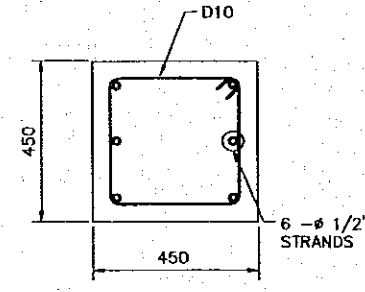
P1  
SECTION A-A  
SCALE 1:20



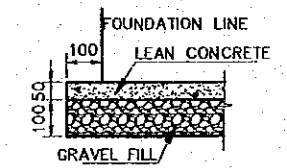
P2  
SECTION A-A  
SCALE 1:20



P1  
SECTION B-B  
SCALE 1:20



P2  
SECTION B-B  
SCALE 1:20



FOUNDATION BEDDING  
SCALE 1:20

PILE	BEARING CAPACITY (TON)
P1	58.40
P2	74.00

PILE BEARING CAPACITY

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

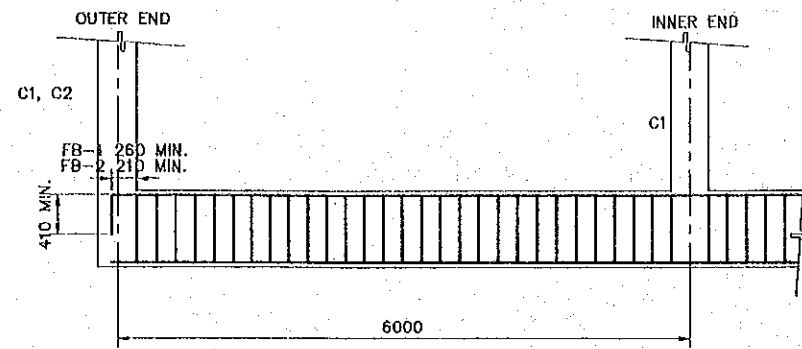
**JICA**  
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
**CEPA**  
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

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

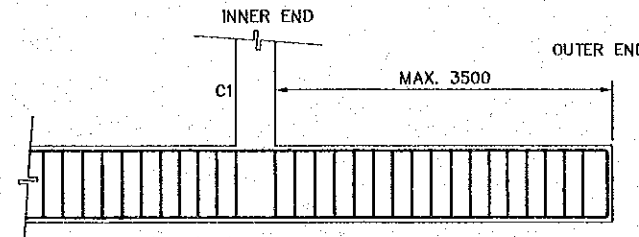
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : STRUCTURAL PILE AND FOUNDATION SCHEDULE

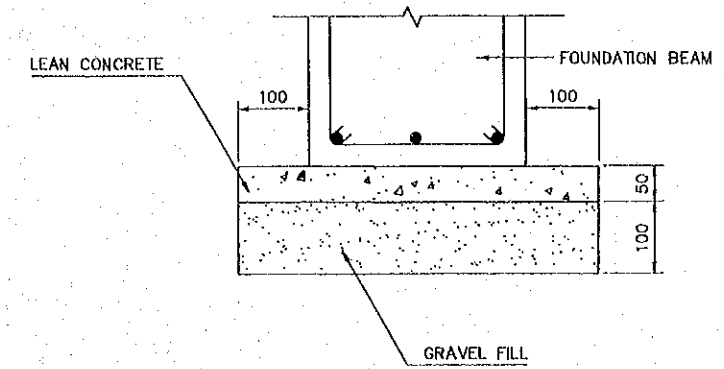
DATE : OCTOBER/2002  
SCALE : INDICATED  
DRAWING NO. : BD-04-021



FB-1 AND FB-2 ELEVATION  
NO SCALE



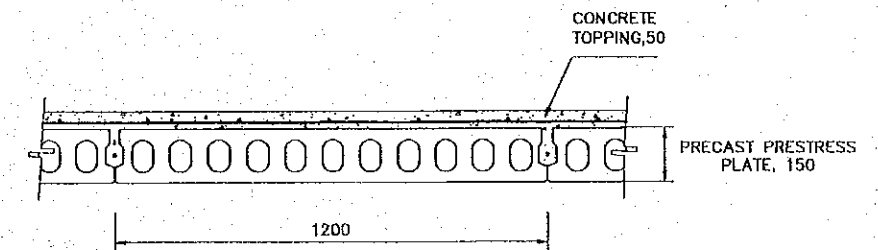
FCB-1 ELEVATION  
NO SCALE



FOUNDATION BEAM BEDDING  
SCALE 1:10

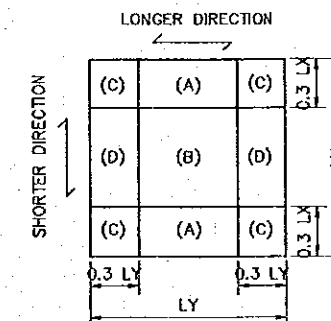
MARK	FB-1, FCB-1		
	OUTER END	CENTER	INNER END
SECTION			
B x D	400 X 800		
TOP BAR	3-D25	4-D25	4-D25
BOTTOM BAR	3-D25	4-D25	4-D25
STIRRUP	D13@200		
WEB BAR	2-D10		
TIE	D10 @ 1000		

MARK	FB-2		
	OUTER END	CENTER	INNER END
SECTION			
B x D	300 X 650		
TOP BAR	3-D25	3-D25	3-D25
BOTTOM BAR	3-D25	3-D25	3-D25
STIRRUP	D10 @ 200		
WEB BAR	2-D10		
TIE	D10 @ 1000		



PRECAST PRESTRESS SLAB  
SCALE 1:20

MARK	THICKNESS (MM)	LOCATION	SHORTER SIDE (DIRECTION)				LONGER SIDE (DIRECTION)			
			EDGE STRIP		MIDDLE STRIP		EDGE STRIP		MIDDLE STRIP	
			END (C)	CENTER (D)	END (A)	CENTER (B)	END (C)	CENTER (A)	END (D)	CENTER (B)
S1	120	TOP	D10@200	D10@200	D10@200	-	D10@250	D10@250	D10@250	-
		BOTTOM	D10@200	D10@200	D10@200	D10@200	D10@250	D10@250	D10@250	D10@250
S2	500	TOP	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200
		BOTTOM	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200	D13@200
S3	150	TOP	D10@200	D10@200	D10@200	-	D10@250	D10@250	D10@250	-
		BOTTOM	D10@200	D10@200	D10@200	D10@200	D10@250	D10@250	D10@250	D10@250
CS1	150	TOP	D13@200	D13@200	D13@200	D13@200	D10@250	D10@250	D10@250	-
		BOTTOM	D10@200	D10@200	D10@200	D10@200	D10@250	D10@250	D10@250	D10@250

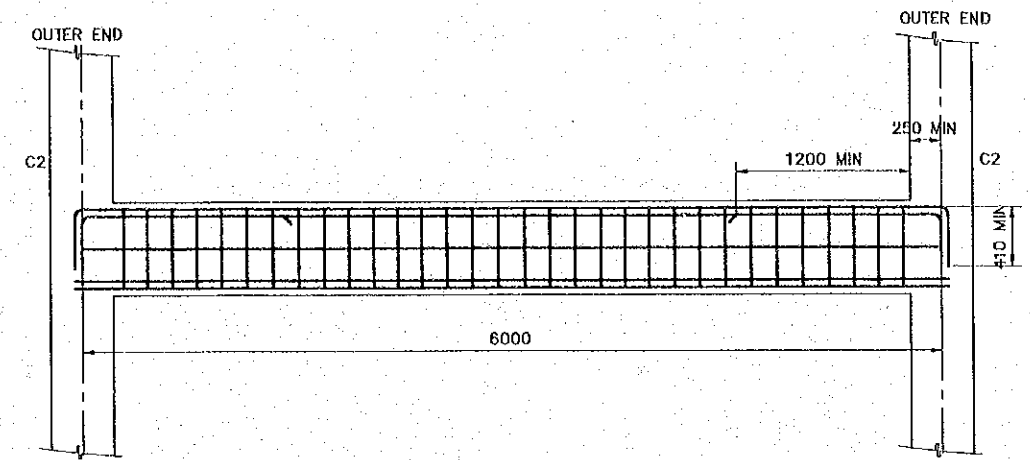
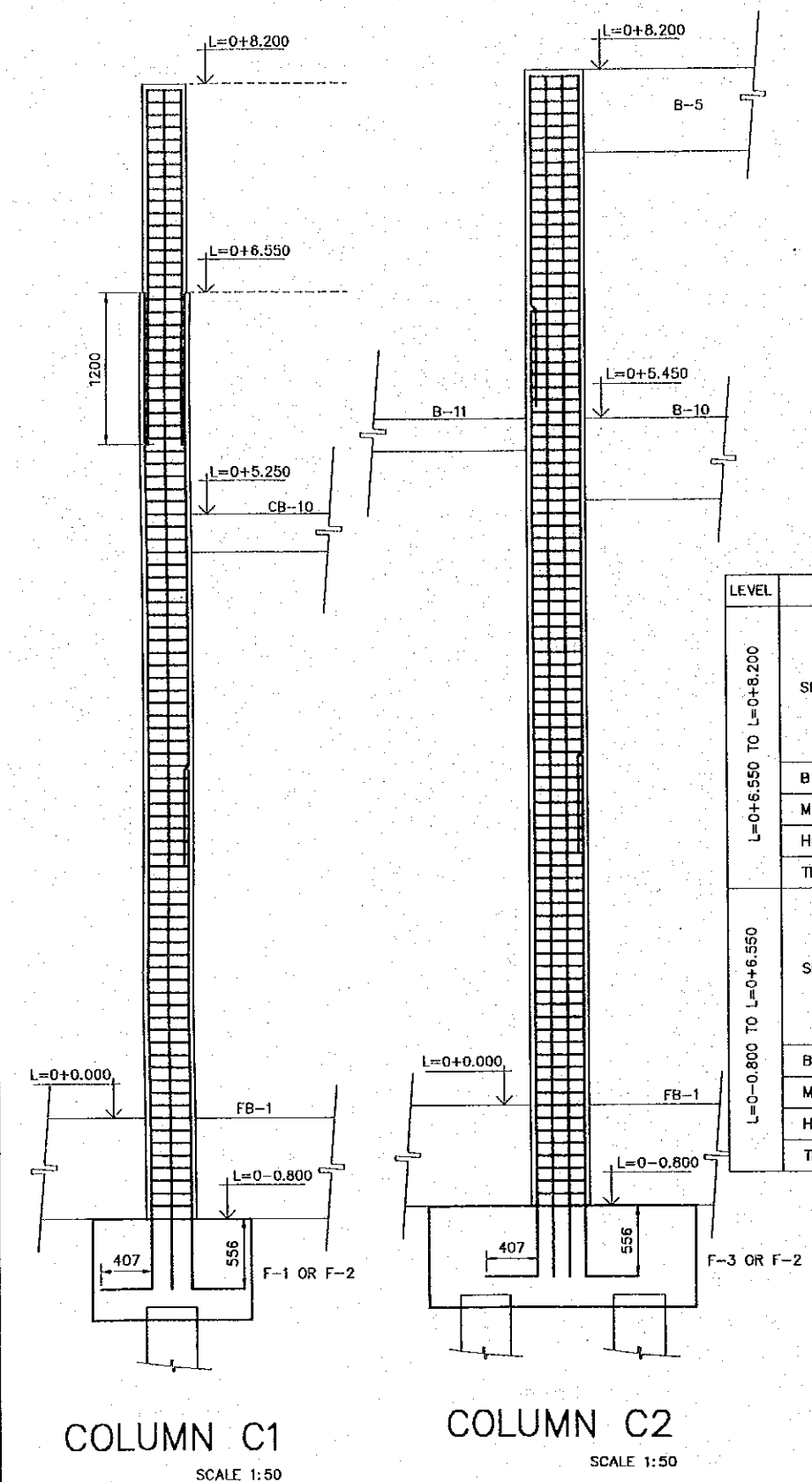


REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION : BUILDING WORK SUB-SECTION : CONTAINER GATE TITLE : STRUCTURAL FOUNDATION BEAM AND SLAB SCHEDULE	DATE :
								CHECKED BY :		OCTOBER/2002
						APPROVED BY :	SCALE :	INDICATED		
									DRAWING NO. : BD-04-022	



BEAM CB-10 ELEVATION  
SCALE 1:50

BEAM B-5 & B-10 ELEVATION  
SCALE 1:50



LEVEL	MARK	C1	C2
L=0+0.800 TO L=0+8.200	SECTION		
	B x D	300 x 300	450 x 450
	MAIN BAR	8-D25	12-D25
	HOOP	D10 @ 100	D13 @ 100
	TIE	D10 @ 600	D10 @ 600
L=0-0.800 TO L=0+6.550	SECTION		
	B x D	400 x 400	
	MAIN BAR	8-D25	
	HOOP	D13 @ 100	
	TIE	D10 @ 600	

MARK	B-5		B-6	B-10		B-12	CB-10
	OUTER END	CENTER	ALL	OUTER END	CENTER	ALL	ALL
SECTION							
B x D	300 x 650		300 x 450	300 x 650		300 x 400	300 x 300
TOP BAR	3-D25	3-D25	2-D19	4-D25	4-D25	3-D25	2-D25
BOTTOM BAR	3-D25	3-D25	2-D19	4-D25	4-D25	3-D25	2-D25
STIRRUP	D10 @ 175		D10 @ 150	D13 @ 150		D13 @ 200	D10 @ 175
WEB BAR	2-D10		-	2-D10		-	-
TIE	D10 @ 1000		-	D10 @ 1000		-	-

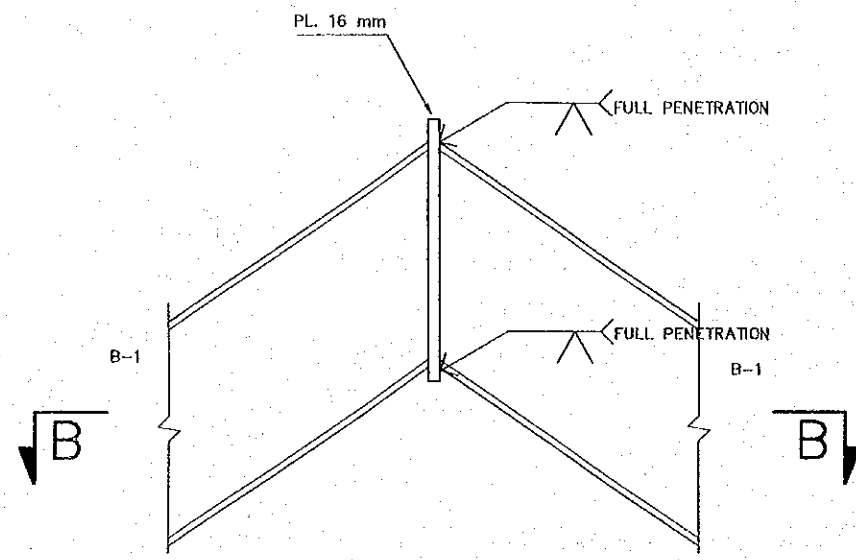
- NOTES:**
- REFER TO COLUMN AND BEAM SCHEDULE FOR HOOP, TIE AND STIRRUP SIZE AND SPACING.
  - SPLICING OF VERTICAL BARS SHALL BE A MINIMUM LENGTH OF 800 MM
  - SPLICE LOCATION FOR VERTICAL BARS SHALL BE ALTERNATE.
  - CLEAR COVER IS 50 MM.

MARK	MEMBER	PIN CONNECTIONS
B-1	W10X22	PL9, 2-7/8"
B-2	W12X40	PL9, 3-7/8"
B-3	W8X18	PL9, 2-7/8"
B-4	C4X5.4	PL6, 2-3/4"
B-11	C10X25	PL12 2-7/8"
B-13	W8X31	PL9 2-7/8"
BR-1	D19 BAR	PL9, 1-3/4"
C-3	W8X31	BPL 12X250X250*
C-4	W5-19	PL9, 2-3/4"

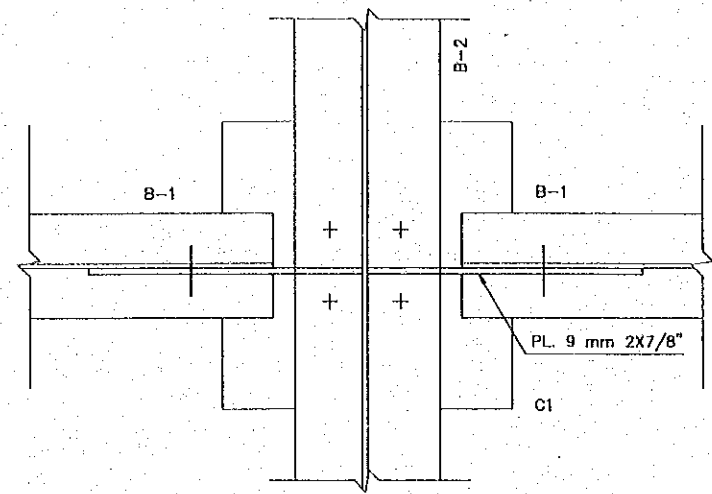
STEEL MEMBER SCHEDULE

- NOTES:**
- SEE STEEL DETAIL
  - PLATE THICKNESS: PL9, 2-7/8"
  - DIAMETER OF BOLTS:  $\phi$
  - NUMBER OF BOLTS: L

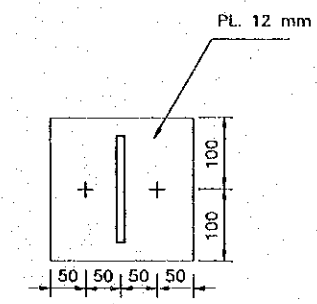
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER GATE	SCALE : 1:50
								APPROVED BY :	TITLE : STRUCTURAL COLUMN AND BEAM SCHEDULE	DRAWING NO. : BD-04-023



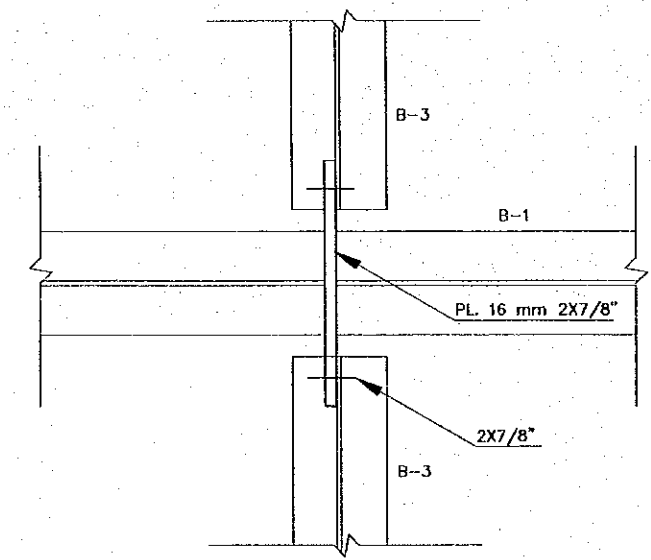
ROOF TOP DETAIL  
SCALE 1:10



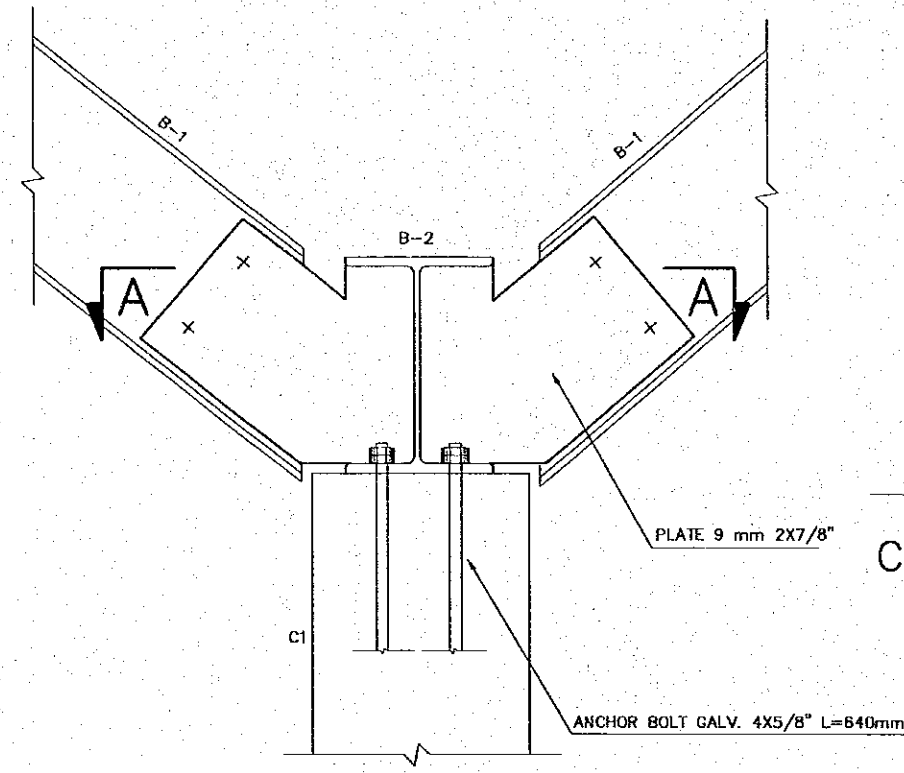
SECTION A-A  
SCALE 1:10



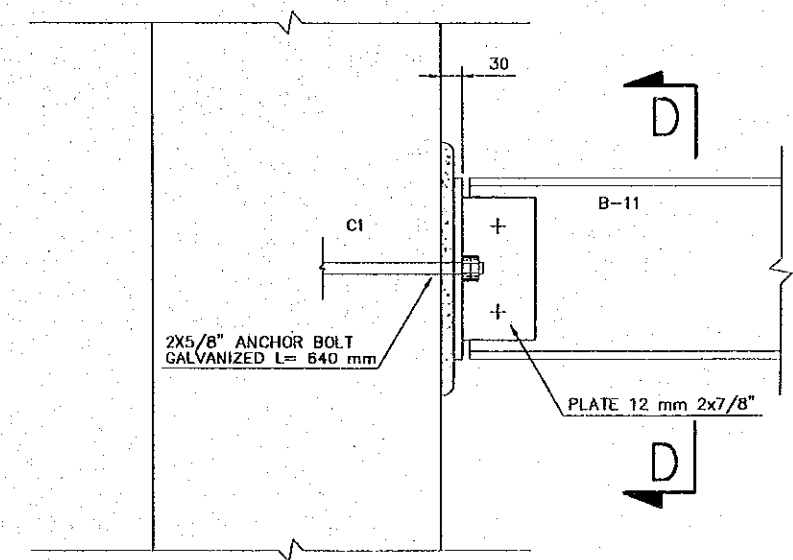
SECTION D  
SCALE 1:10



SECTION B  
SCALE 1:10



DETAIL  
SCALE 1:10



C1, B11 CONNECTION DETAIL  
SCALE 1:10

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

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

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

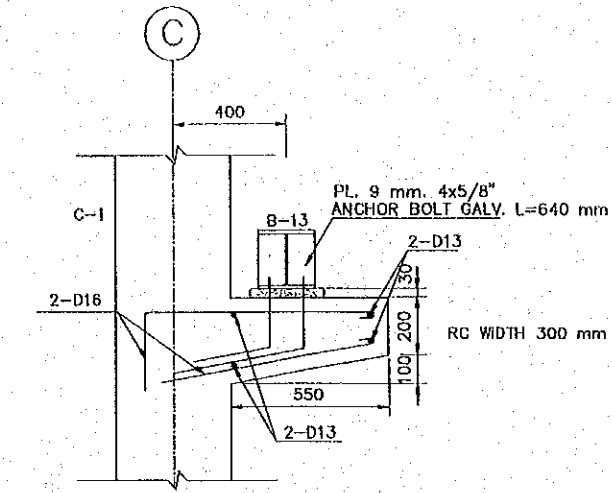
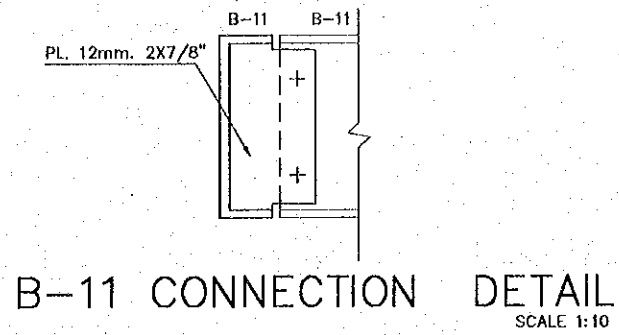
THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

**NKC** NIPPON KOEI CO., LTD.

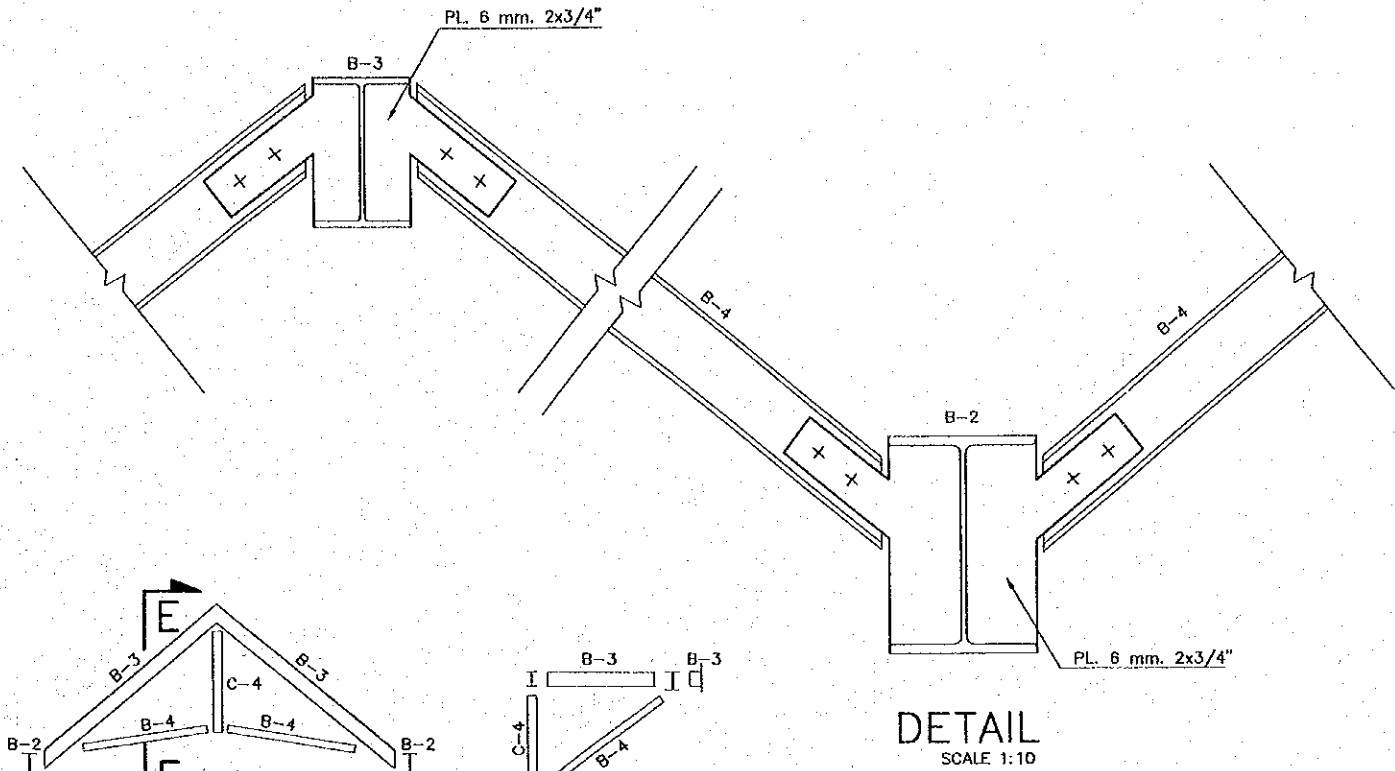
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : STRUCTURAL STEEL  
DETAIL -01

DATE : OCTOBER/2002  
SCALE : 1 : 10  
DRAWING NO. : BD-04-024



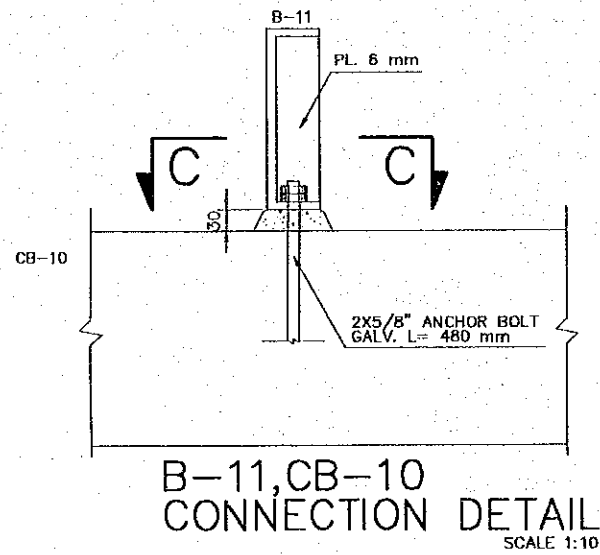
3-6 AXIS B-13  
SUPPORT DETAIL  
SCALE 1:25



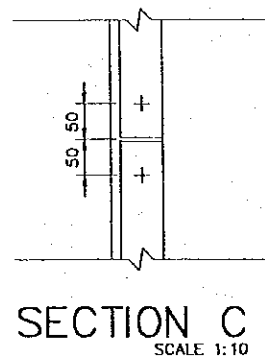
TIP OF ROOF  
SCALE 1:100

SECTION E-E  
SCALE 1:100

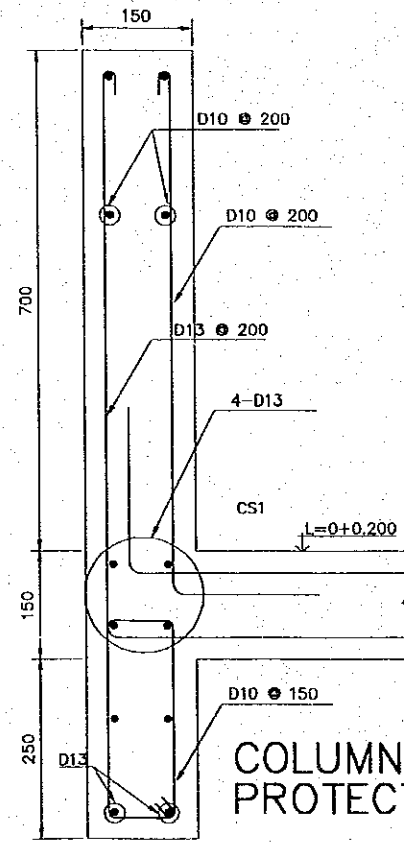
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SCALE 1:10



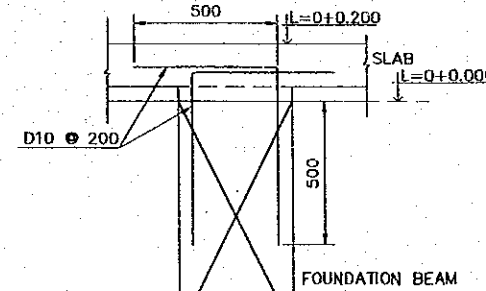
B-11, CB-10  
CONNECTION DETAIL  
SCALE 1:10



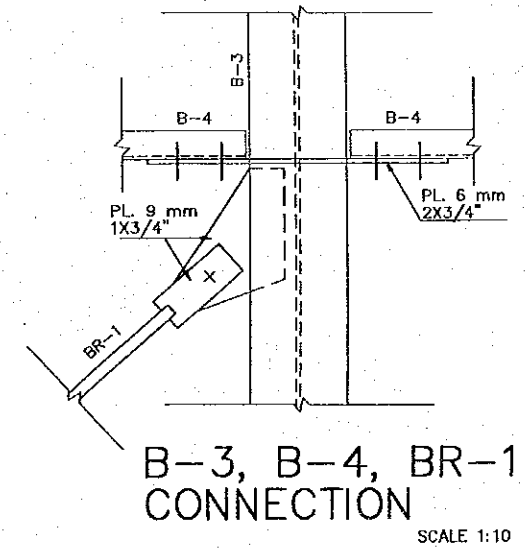
SECTION C  
SCALE 1:10



COLUMN  
PROTECTION WALL  
SCALE 1:10



REINFORCEMENT FOR 1ST. FLOOR  
SLAB AND FOUNDATION BEAM  
SCALE 1:25



B-3, B-4, BR-1  
CONNECTION  
SCALE 1:10

REV NO.	DATE	COORDINATE	BY	APPROVED DATE

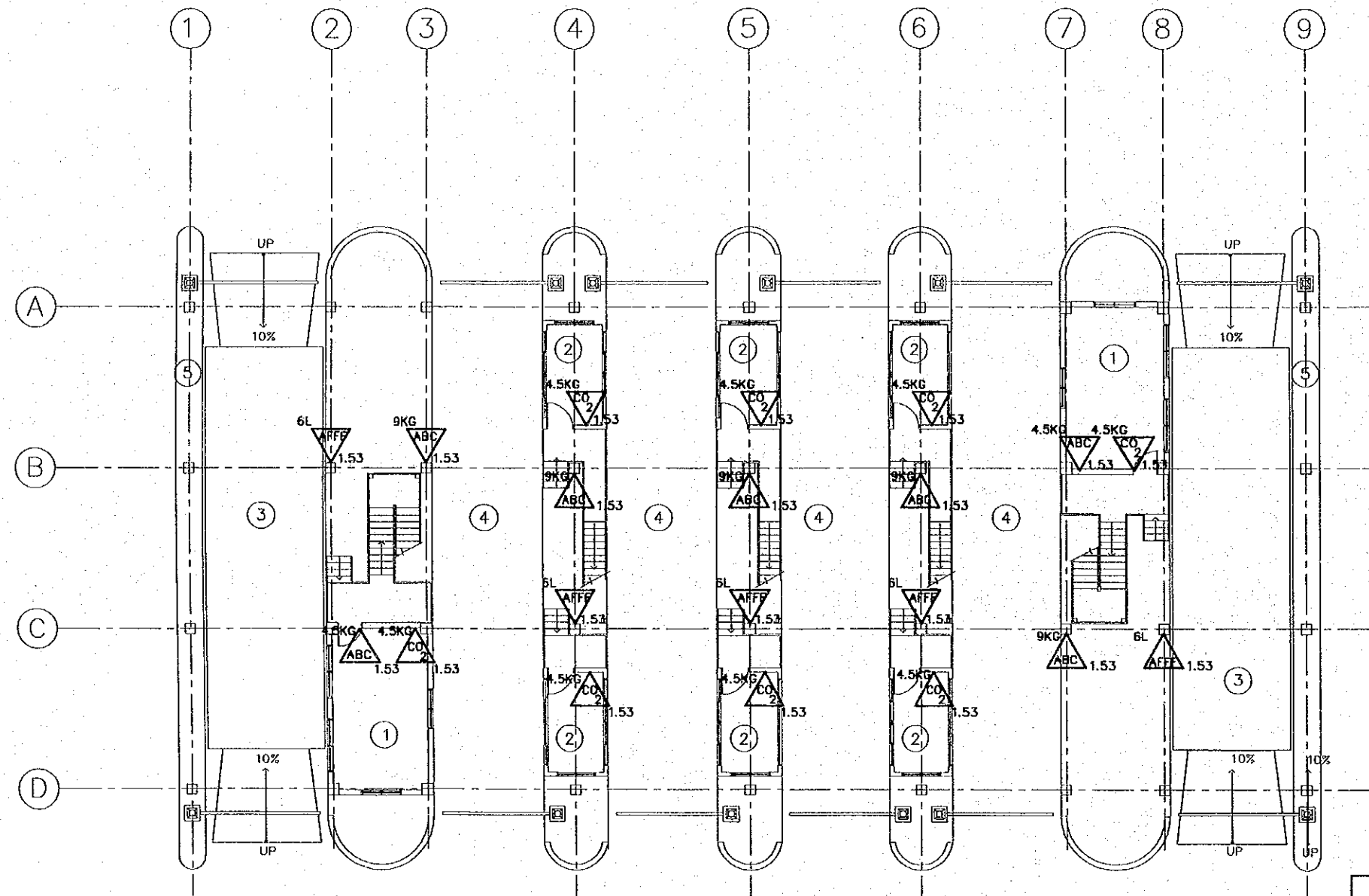
**JICA**  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)  
**Cepa**  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

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

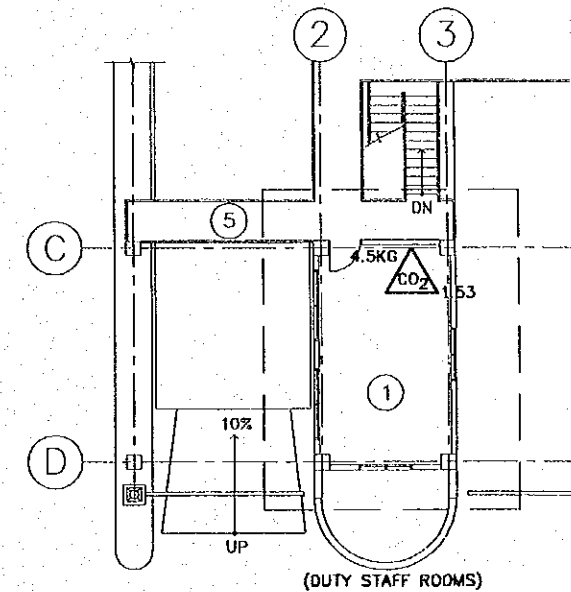
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CHECKED BY :  
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SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : STRUCTURAL STEEL-02 AND  
RC DETAIL

DATE : OCTOBER/2002  
SCALE : INDICATED  
DRAWING NO. :  
BD-04-025



**FIRE FIGHTING SYSTEM**  
FIRST FLOOR  
SCALE 1:200



**FIRE FIGHTING SYSTEM**  
SECOND FLOOR  
SCALE 1:200

FIRE FIGHTING SYMBOLS		(ROOM LIST)
	ABC (MULTIPURPOSE) DRY POWDER EXTINGUISHER	① WEIGH BRIDGE OFFICE
	AB CLASS AFFF EXTINGUISHER	② STORAGE
	AB CLASS CO2 EXTINGUISHER	③ WEIGH BRIDGE
	KITCHEN CLASS EXTINGUISHER	④ GATE OFFICE
	ABC CLASS DRY CHEMICAL WHEELED EXTINGUISHER	⑤ PAVEMENT
<b>LEGEND</b>		⑥ SIDE WALK (island)
c	CHARGE	
h	PLACEMENT HEIGHT	

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE



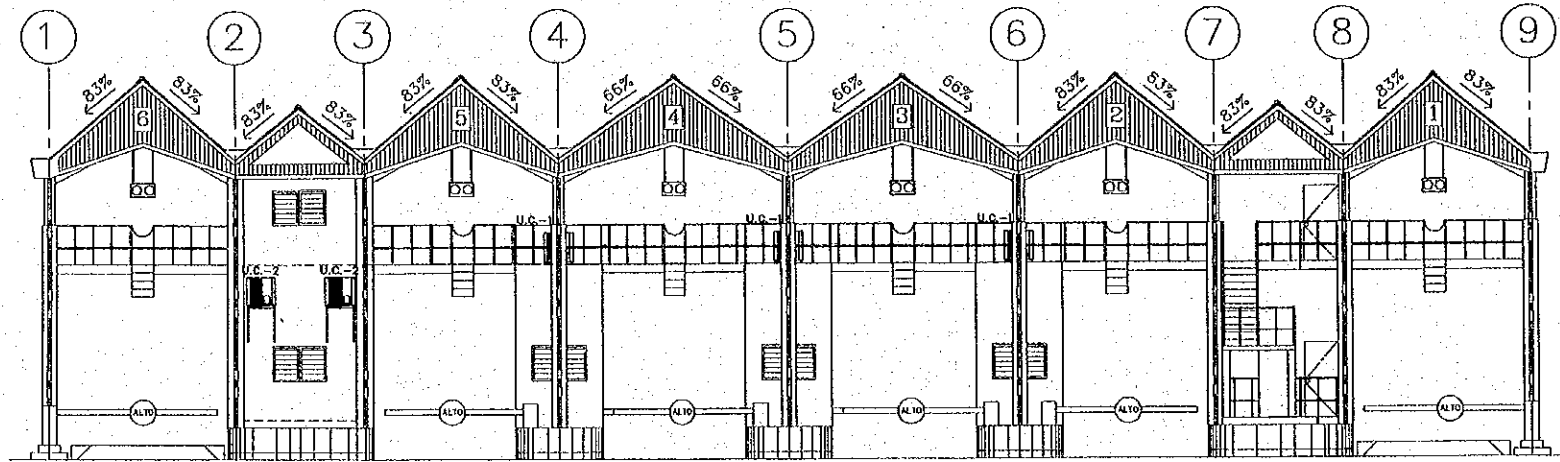
JICA  
JAPAN INTERNATIONAL  
COOPERATION AGENCY  
(JICA)  
CEPA  
COMISION EJECUTIVA  
PORTUARIA AUTONOMA  
(CEPA)

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 :

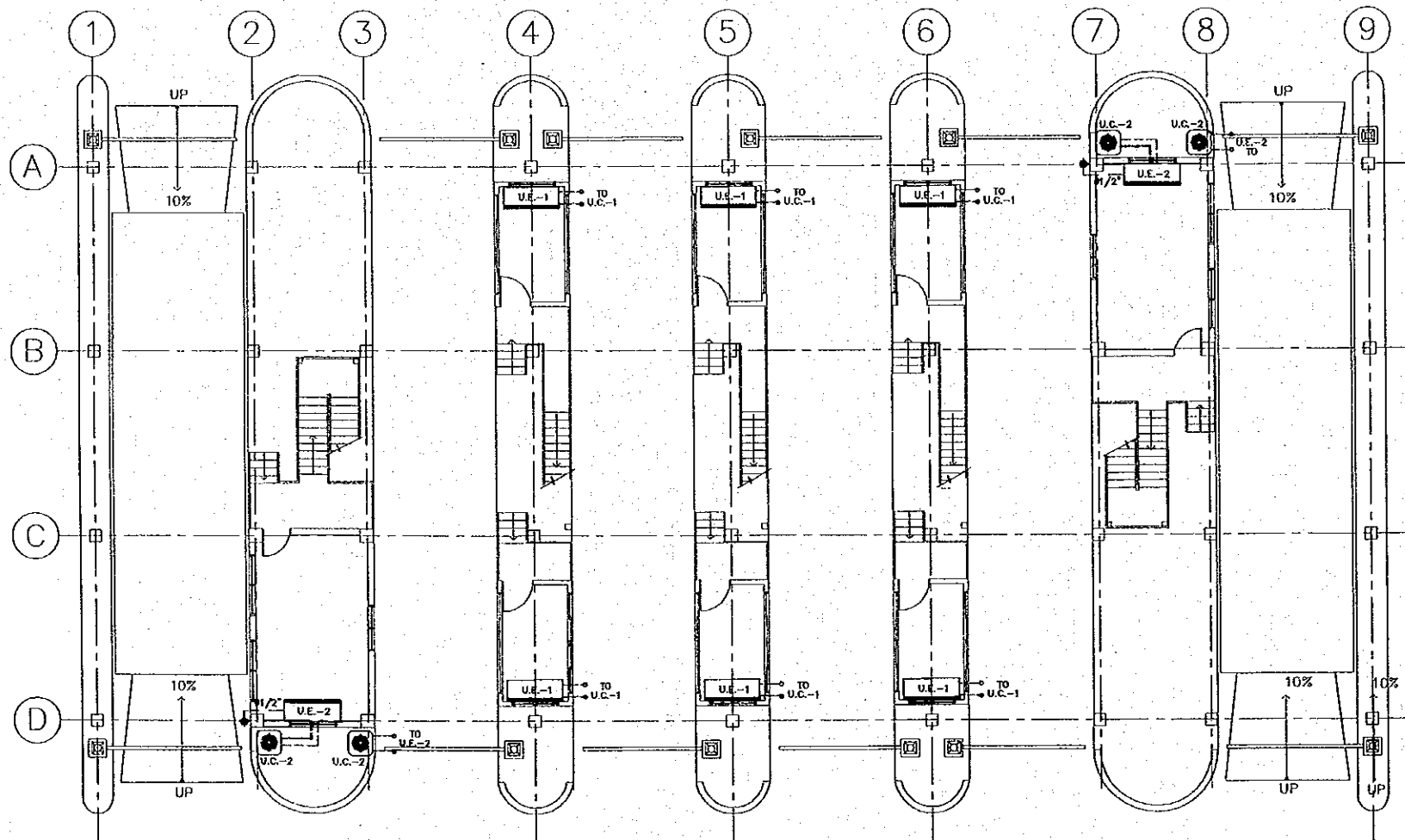
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SUB-SECTION : CONTAINER GATE  
TITLE : FIRE FIGHTING SYSTEM  
FIRST & SECOND FLOORS

DATE : OCTOBER/2002  
SCALE : 1 : 200  
DRAWING NO. : BD-04-026



AIR CONDITIONING SYSTEM SOUTHWEST ELEVATION

SCALE 1:200





AIR CONDITIONING SYSTEM FIRST FLOOR PLAN


SCALE 1:200



SIMBOLOGY	DESCRIPTION
---	COLD WATER PIPES
---	SUCTION PIPES (PIPELINE)
---	DRAIN PIPES
UE-1	EVAPORATOR UNIT
U.C.-1	CONDENSATOR UNIT
U.C.-2	CONDENSATOR UNIT
E-4	CEILING EXTRACTOR FOR BATHROOMS
E-4	WALL MOUNTED EXTRACTOR
	GRILLE

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

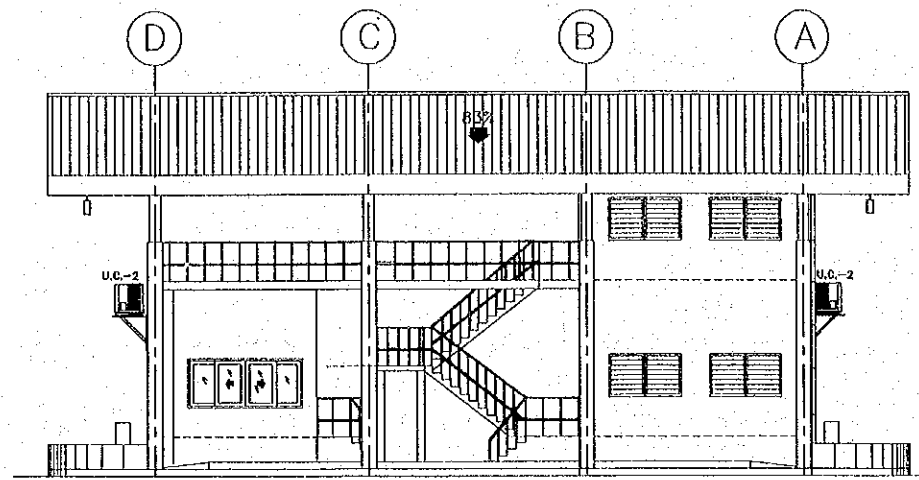
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

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

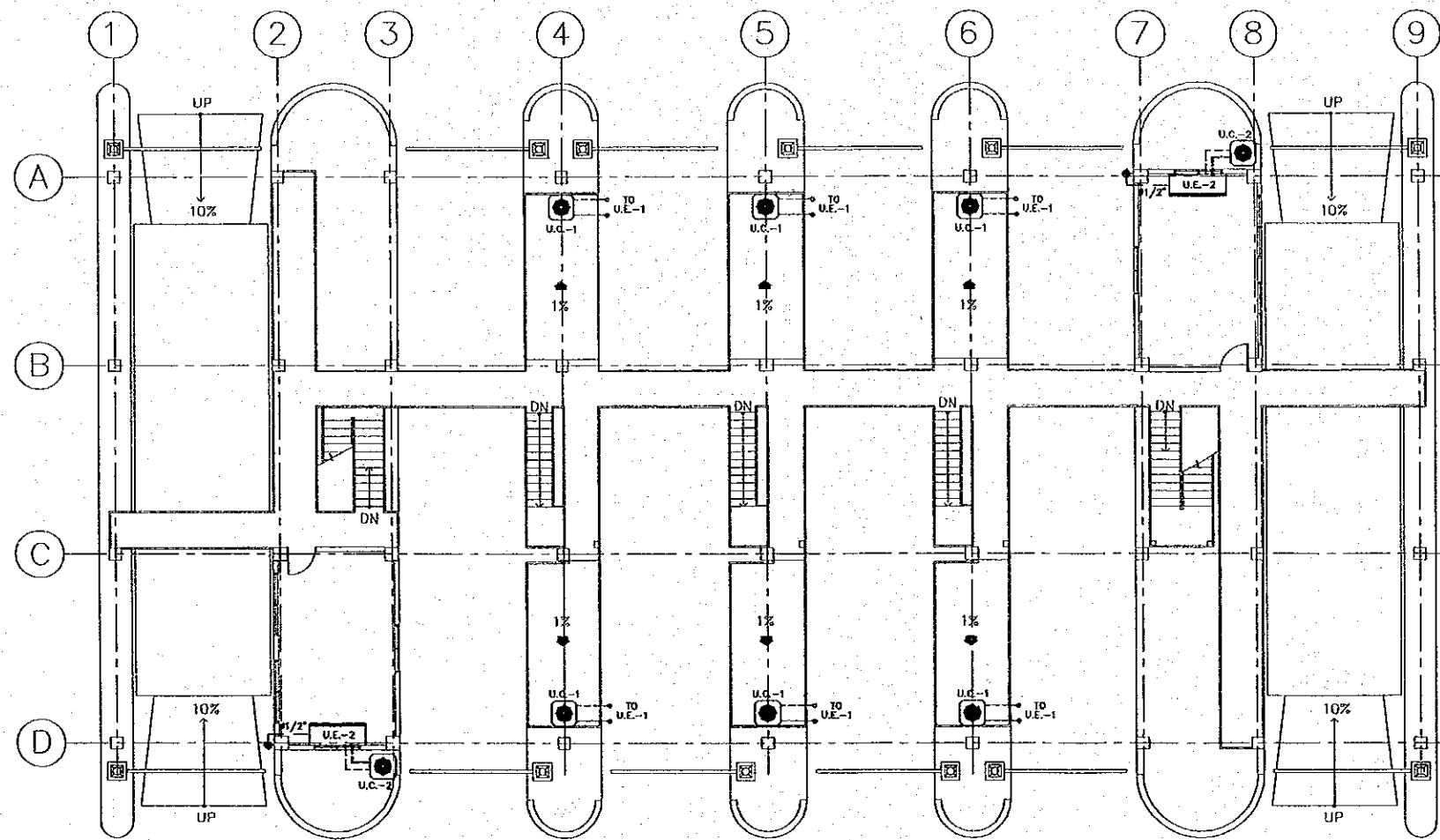
DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : BUILDING WORK  
 SUB-SECTION : CONTAINER GATE  
 TITLE : AIR CONDITIONING SYSTEM  
 1st. FLOOR PLAN AND  
 ELEVATION

DATE : OCTOBER/2002  
 SCALE : 1 : 200  
 DRAWING NO :  
 BD-04-027



AIR CONDITIONING SYSTEM  
SOUTHEAST ELEVATION




AIR CONDITIONING SYSTEM SECOND FLOOR PLAN

SCALE 1:200

SIMBOLOGY	DESCRIPTION
---	COLD WATER PIPES
----	SUCTION PIPES (PIPELINE)
---	DRAIN PIPES
U.E.-1	EVAPORATOR UNIT
U.C.-1	CONDENSATOR UNIT
U.C.-2	CONDENSATOR UNIT
E-1	CEILING EXTRACTOR FOR BATHROOMS
E-4	WALL MOUNTED EXTRACTOR
■	GRILLE

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

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

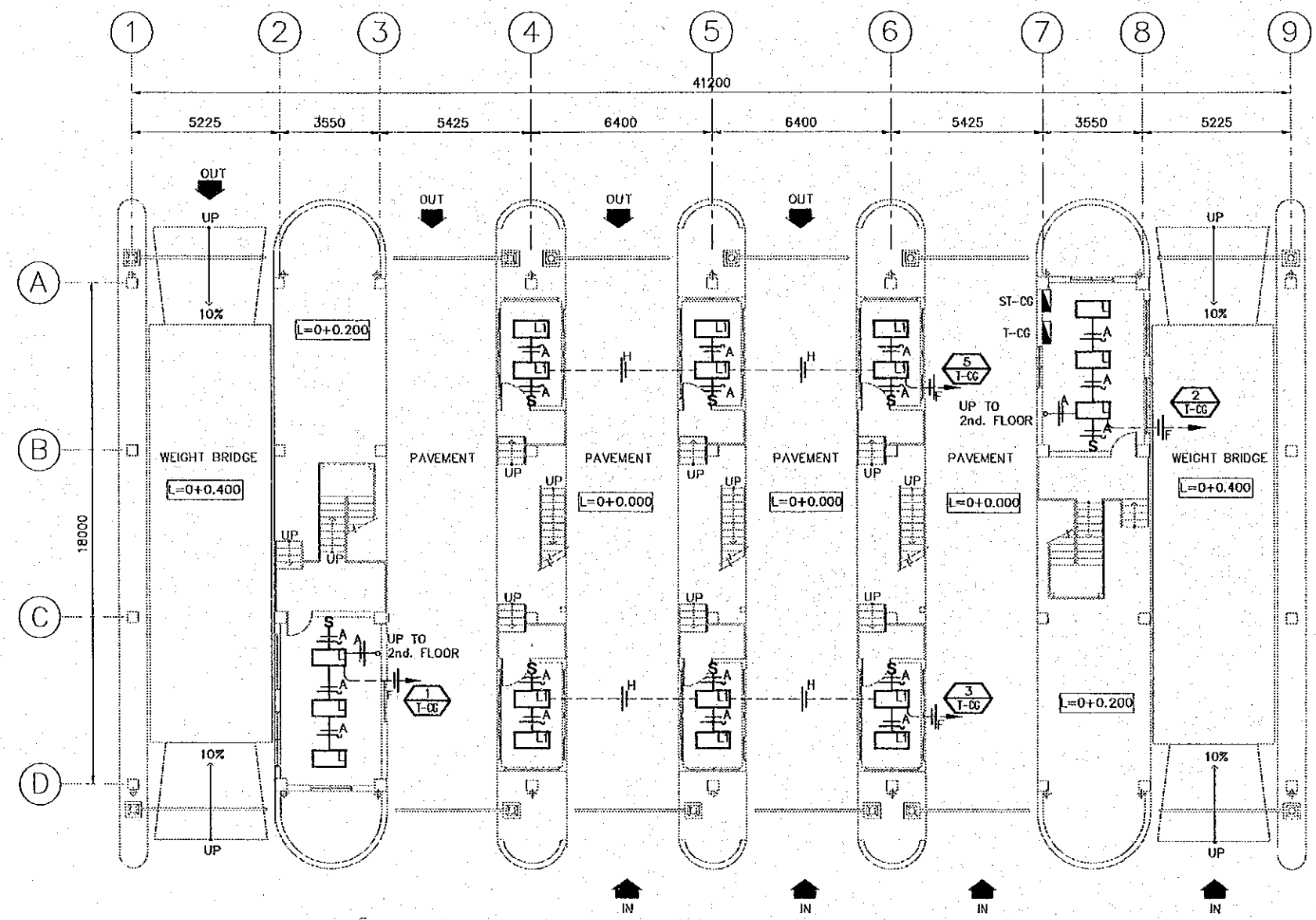
THE DETAILED DESIGN  
 ON PORT REACTIVATION PROJECT  
 IN LA UNION PROVINCE  
 OF THE REPUBLIC OF EL SALVADOR  
 NIPPON KOEI CO., LTD.

DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : BUILDING WORK  
 SUB-SECTION : CONTAINER GATE  
 TITLE : AIR CONDITIONING SYSTEM  
 2nd. FLOOR PLAN AND  
 ELEVATION

DATE : OCTOBER/2002  
 SCALE : 1 : 200  
 DRAWING NO. : BD-04-028





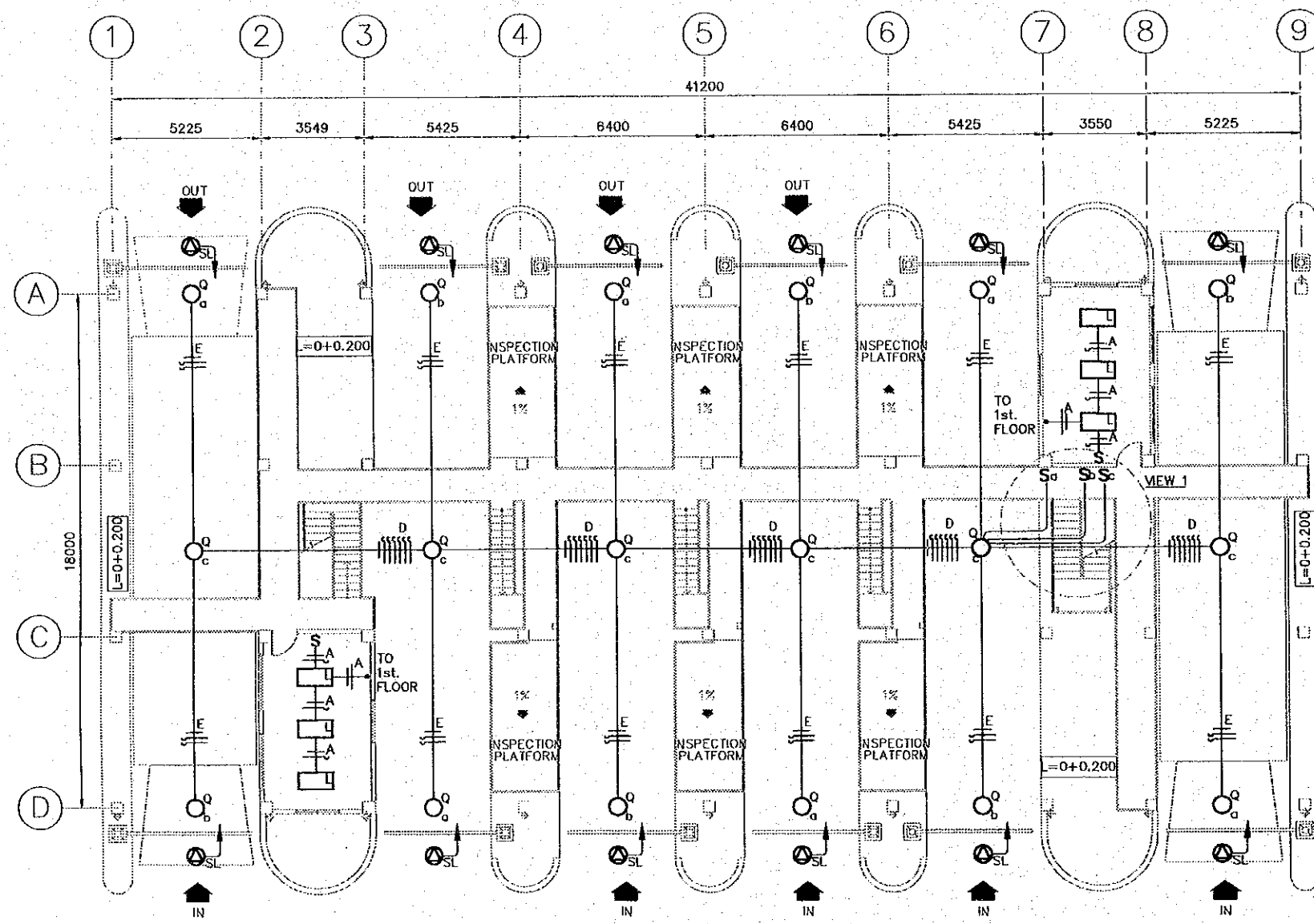
**LIGHTING PLAN**  
FIRST FLOOR  
SCALE 1:200

WIRING SYMBOLOGY	
SYMBOL	WIRING/DUCTING
A	2 - 2.1mm <sup>2</sup> ∅ 13mm
B	3 - 2.1mm <sup>2</sup> ∅ 13mm
C	4 - 2.1mm <sup>2</sup> ∅ 13mm
D	7 - 3.3mm <sup>2</sup> ∅ 19mm
E	2 - 3.3mm <sup>2</sup> ∅ 13mm
F	1 - 2.1mm <sup>2</sup>
G	2 - 5.3mm <sup>2</sup> ∅ 19mm
	1 - 3.3mm <sup>2</sup>

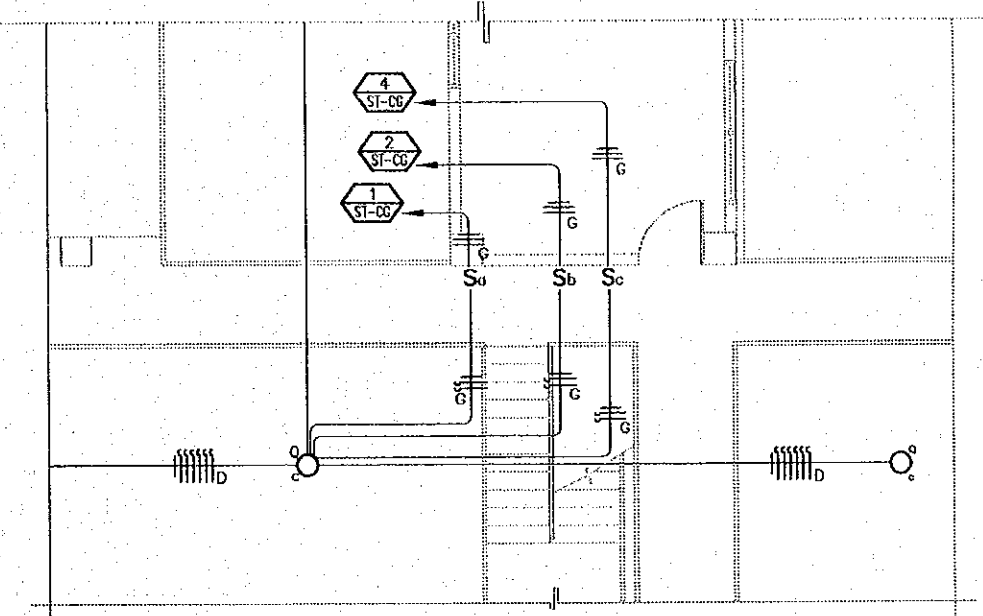
SYMBOLS	
	FLUORESCENT 3X32W WRAP AROUND SURFACE MOUNTED
	FLUORESCENT 4X32W WRAP-AROUND SURFACE MOUNTED
	PANELBOARD
	SWITCH
	WIRING CONCEALED IN CEILING OR WALL
	SWITCH LEG, PHASE, NEUTRAL
	CIRCUIT FEEDER
	CIRCUIT NUMBER # FROM PANELBOARD

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 :	BUILDING WORK	
				CHECKED BY:	SUB-SECTION :	CONTAINER GATE	
				APPROVED BY:	TITLE :	LIGHTING PLAN FIRST FLOOR	
						DATE :	OCTOBER/2002
						SCALE :	1 : 200
						DRAWING NO. :	BD-04-030





**LIGHTING PLAN**  
SECOND FLOOR SCALE 1:200



**VIEW 1**  
SCALE 1:100

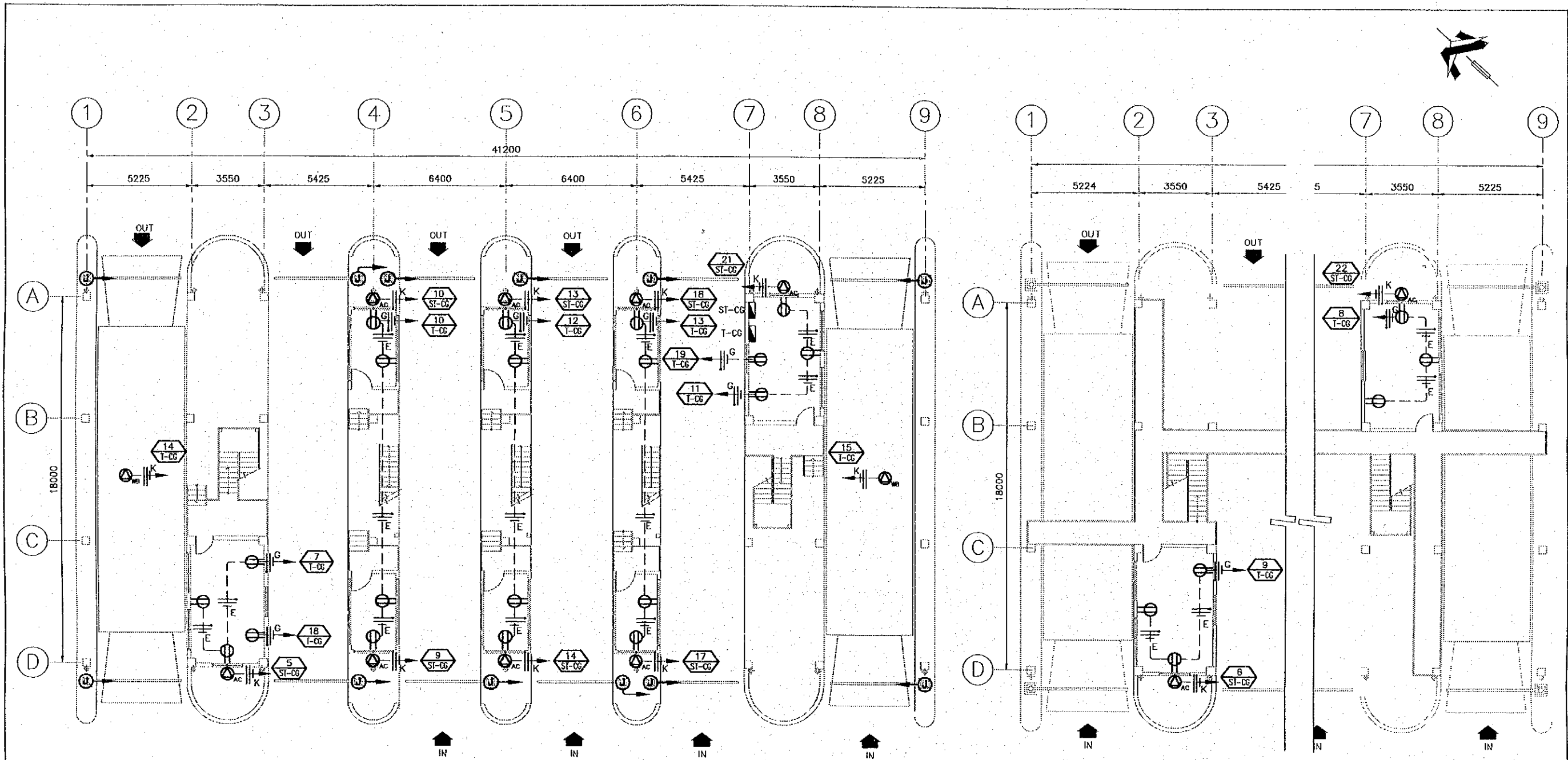
**WIRING SYMBOLOGY**

SYMBOL	WIRING/DUCTING
A	2 - 2.1 mm <sup>2</sup> ∅ 13mm
D	7 - 3.3 mm <sup>2</sup> ∅ 19mm
E	2 - 3.3 mm <sup>2</sup> ∅ 13mm 1 - 2.1 mm <sup>2</sup>
G	2 - 5.3 mm <sup>2</sup> ∅ 19mm 1 - 3.3 mm <sup>2</sup>

**SYMBOLS**

	FLUORESCENT 4X32W WRAP-AROUND SURFACE MOUNTED
	400W/208V MH HIGH MAST
	PANELBOARD
	SWITCH
	CONNECTION BOX FOR SIGN LIGHT TO CONTROL BOX ON GATE OFFICE
	WIRING CONCEALED IN CEILING OR WALL
	SWITCH LEG, PHASE, NEUTRAL
	CIRCUIT FEEDER
	CIRCUIT NUMBER # FROM PANELBOARD

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REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE												



OUTLETS FIRST FLOOR PLAN

SCALE 1:200

OUTLETS SECOND FLOOR PLAN

SCALE 1:200

WIRING SYMBOLOGY		SYMBOLS	
SYMBOL	WIRING/DUCTING	SYMBOL	DESCRIPTION
E	2 - 3.3 mm <sup>2</sup> $\phi$ 13mm 1 - 2.1 mm <sup>2</sup>		DUPLEX RECEPTACLE 120 V
F	2 - 5.3 mm <sup>2</sup> $\phi$ 19mm		JUNCTION BOX FOR CLOSING GATE TO CONTROL BOX ON GATE OFFICE
G	2 - 5.3 mm <sup>2</sup> $\phi$ 19mm 1 - 3.3 mm <sup>2</sup>		CONNECTION FOR AIR CONDITIONING UNIT 208V, 1-PHASE
K	2 - 8.4 mm <sup>2</sup> $\phi$ 19mm 1 - 5.3 mm <sup>2</sup>		CONNECTION FOR WEIGH BRIDGE 208V, 1-PHASE
			WIRING CONCEALED IN FLOOR
			WIRING CONCEALED IN CEILING
			PANELBOARD
			NEUTRAL, PHASE, GROUNDING
			CIRCUIT NUMBER # FROM PANELBOARD

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

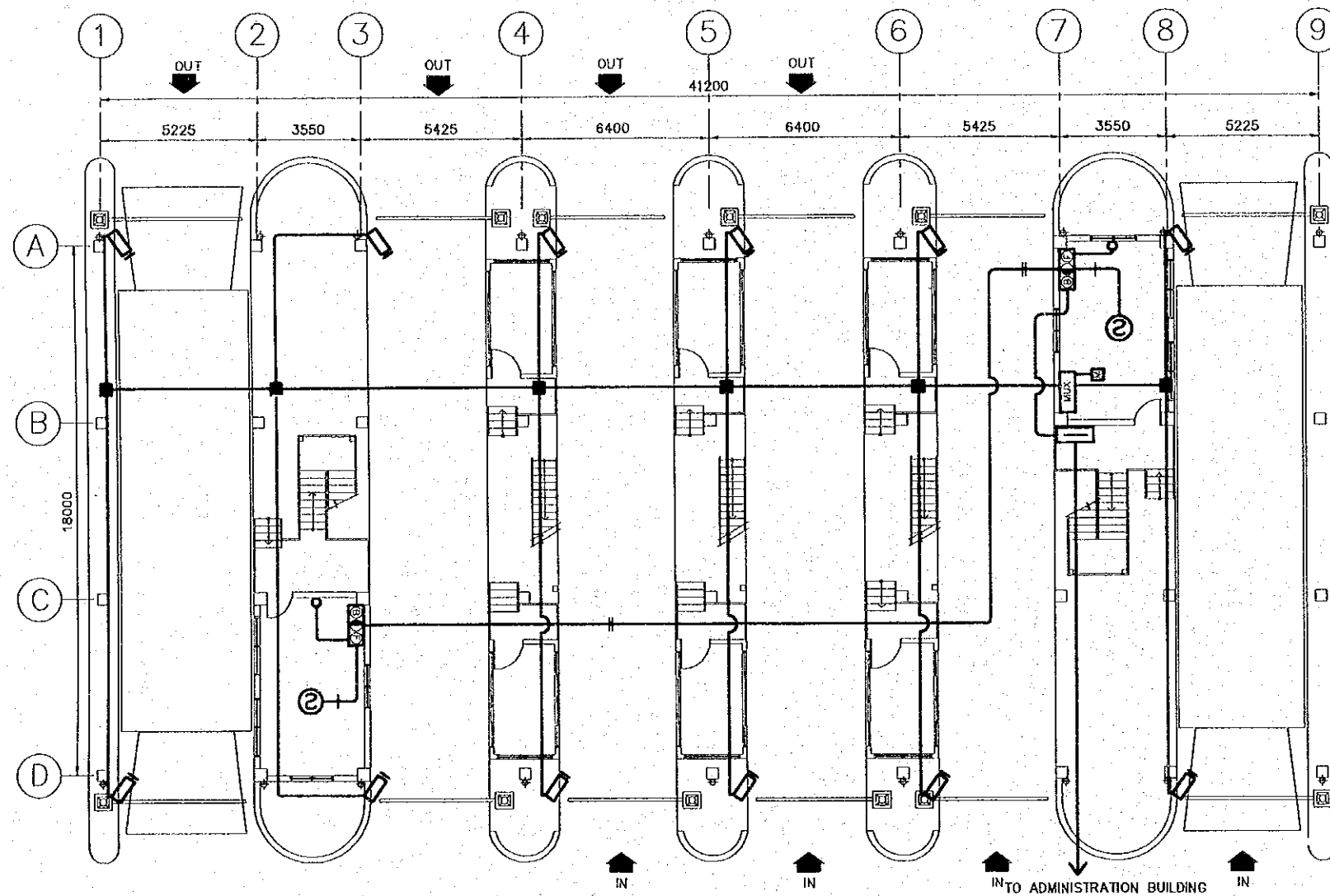
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN  
 ON PORT REACTIVATION PROJECT  
 IN LA UNION PROVINCE  
 OF THE REPUBLIC OF EL SALVADOR  
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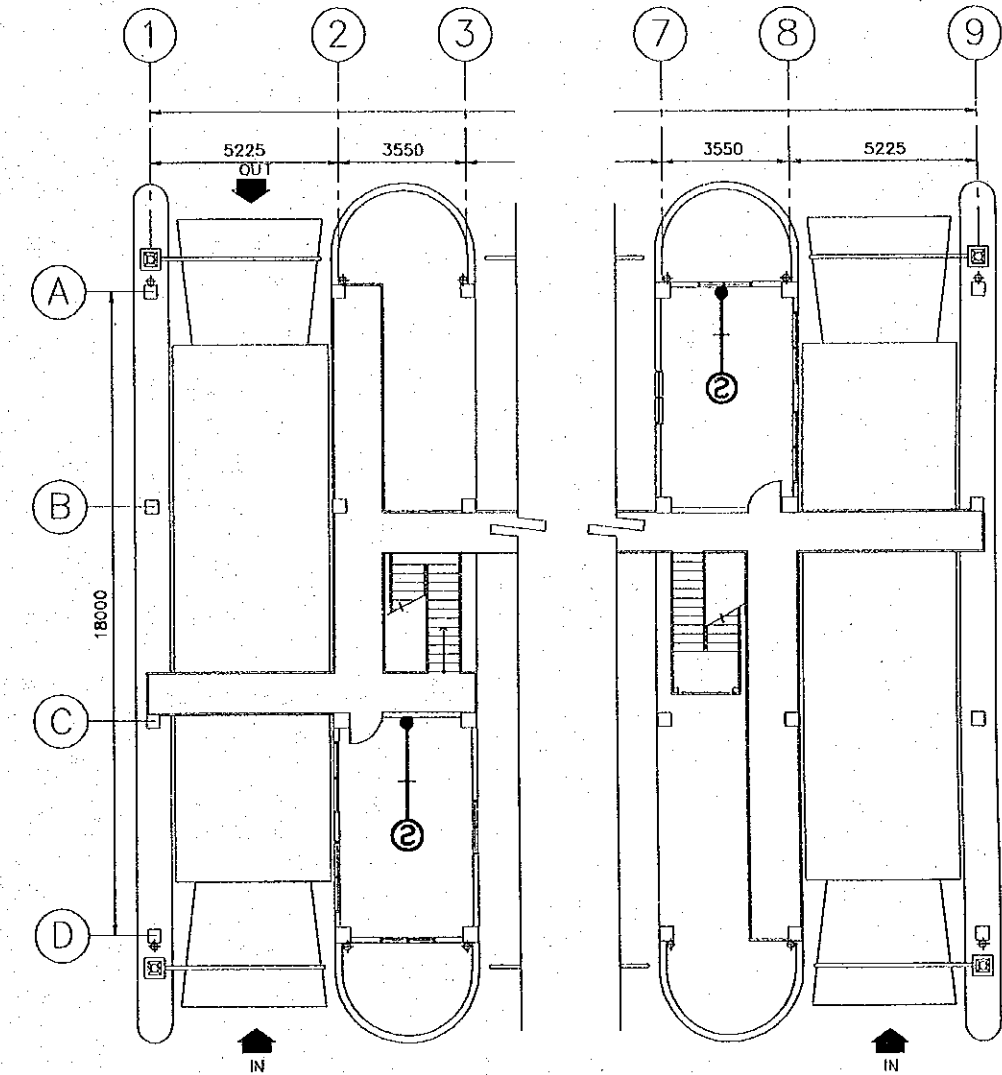
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 CHECKED BY: \_\_\_\_\_  
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SECTION : BUILDING WORK  
 SUB-SECTION : CONTAINER GATE  
 TITLE : OUTLETS FIRST AND SECOND FLOOR PLANS

DATE : OCTOBER/2002  
 SCALE : 1 : 200  
 DRAWING NO. : BD-04-032



**FIRE DETECTION SYSTEM**  
FIRST FLOOR PLAN  
SCALE 1:200



**FIRE DETECTION SYSTEM**  
SECOND FLOOR PLAN  
SCALE 1:200

**NOTES :**

1. CCTV SYSTEM INCLUDE ONLY INSTALLATION OF EMPTY PIPES.
2. CCTV SYSTEM EQUIPMENT SUPPLY BY OTHERS.
3. CONTRACTOR SHALL PROVIDE EMPTY PIPES AS FOLLOW :
  - \* TWO 25mm. PIPES FROM EACH WEIGH BRIDGE OFFICE TO UNDER ROOF.
  - \* TWO 25mm. PIPES FROM EACH GATE OFFICE TO UNDER ROOF.
  - \* TWO 51mm. PIPES FROM CONTAINER GATE TO PORT ADMINISTRATION BUILDING.

SYMBOLS	LEGEND		
⊙	SMOKE/HEAT DETECTOR	—	TERMINAL PANELBOARD
⊙	COMBINATION PANEL	M	MONITOR ( NIC )
□	CAMERA ( NIC )	●	WIRING TURNED DOWN
MUX	MULTIPLEXER ( NIC )	○	WIRING TURNED UP
		■	PULL BOX

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

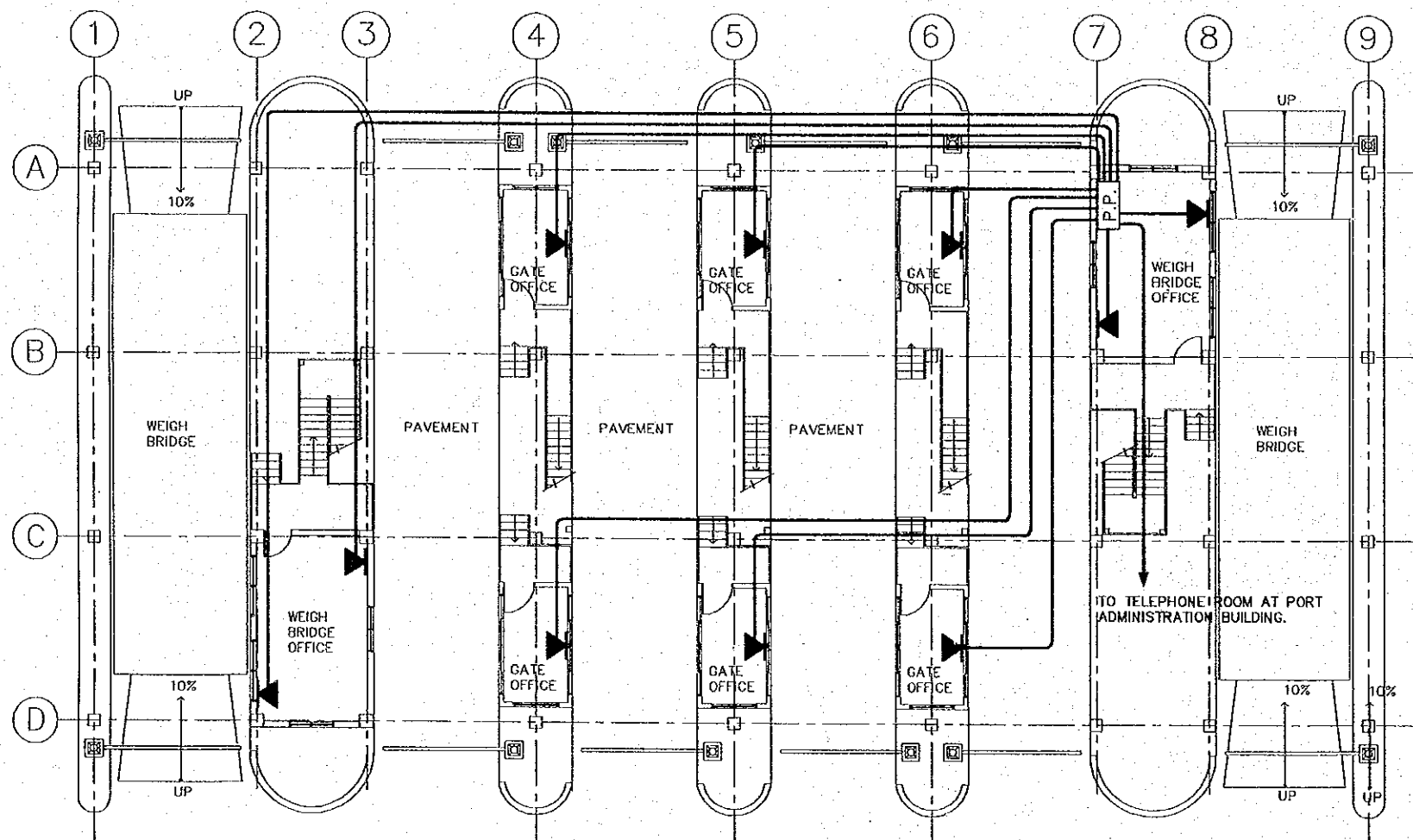
**JICA**  
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
**CEPA**  
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

THE DETAILED DESIGN  
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**NK** NIPPON KOEI CO., LTD.

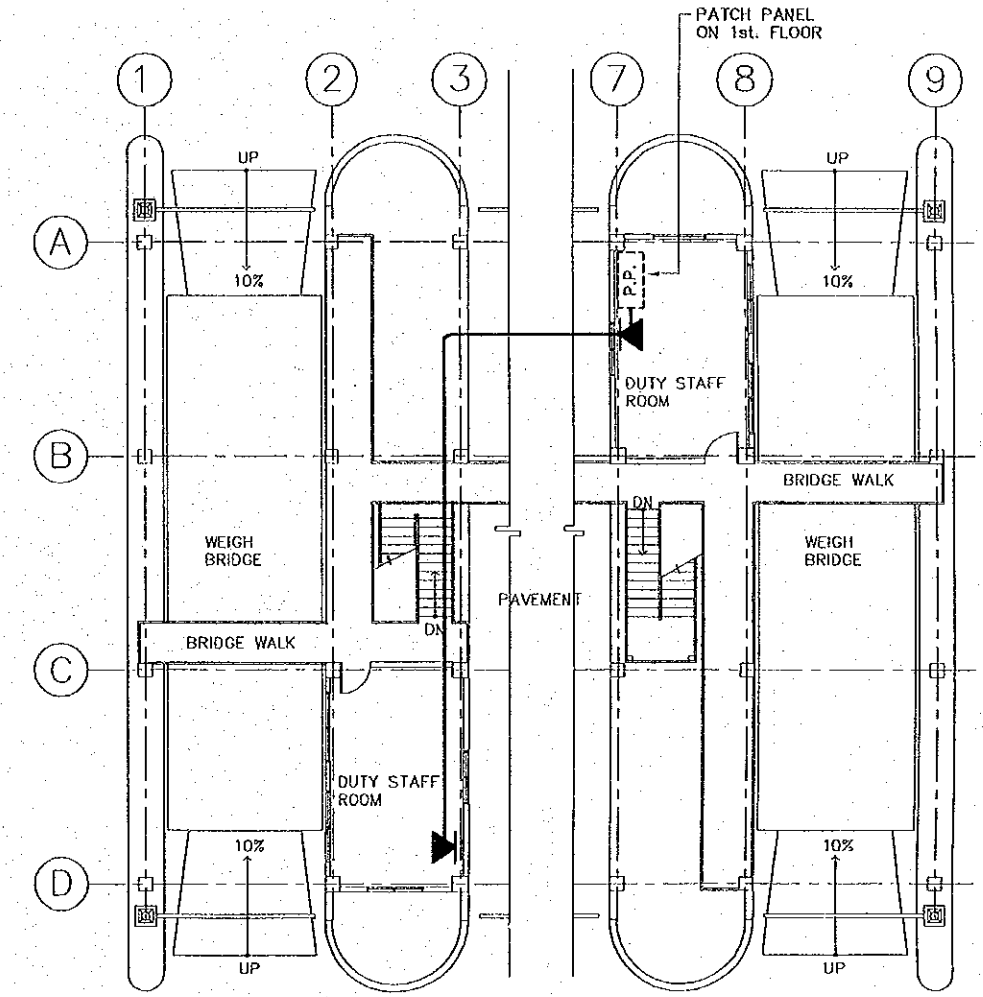
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : FIRE DETECTION SYSTEM  
FIRST AND SECOND FLOOR PLANS

DATE : OCTOBER/2002  
SCALE : 1 : 200  
DRAWING NO. : BD-04-033



**COMMUNICATION SYSTEM**  
FIRST FLOOR PLAN  
SCALE 1:200



**COMMUNICATION SYSTEM**  
SECOND FLOOR PLAN  
SCALE 1:200

**SYMBOLS**

- WALL-MOUNTED TELECOMMUNICATIONS OUTLET BOX CONNECTOR
- PATCH PANEL
- UTP CAT-5e CABLE

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

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

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

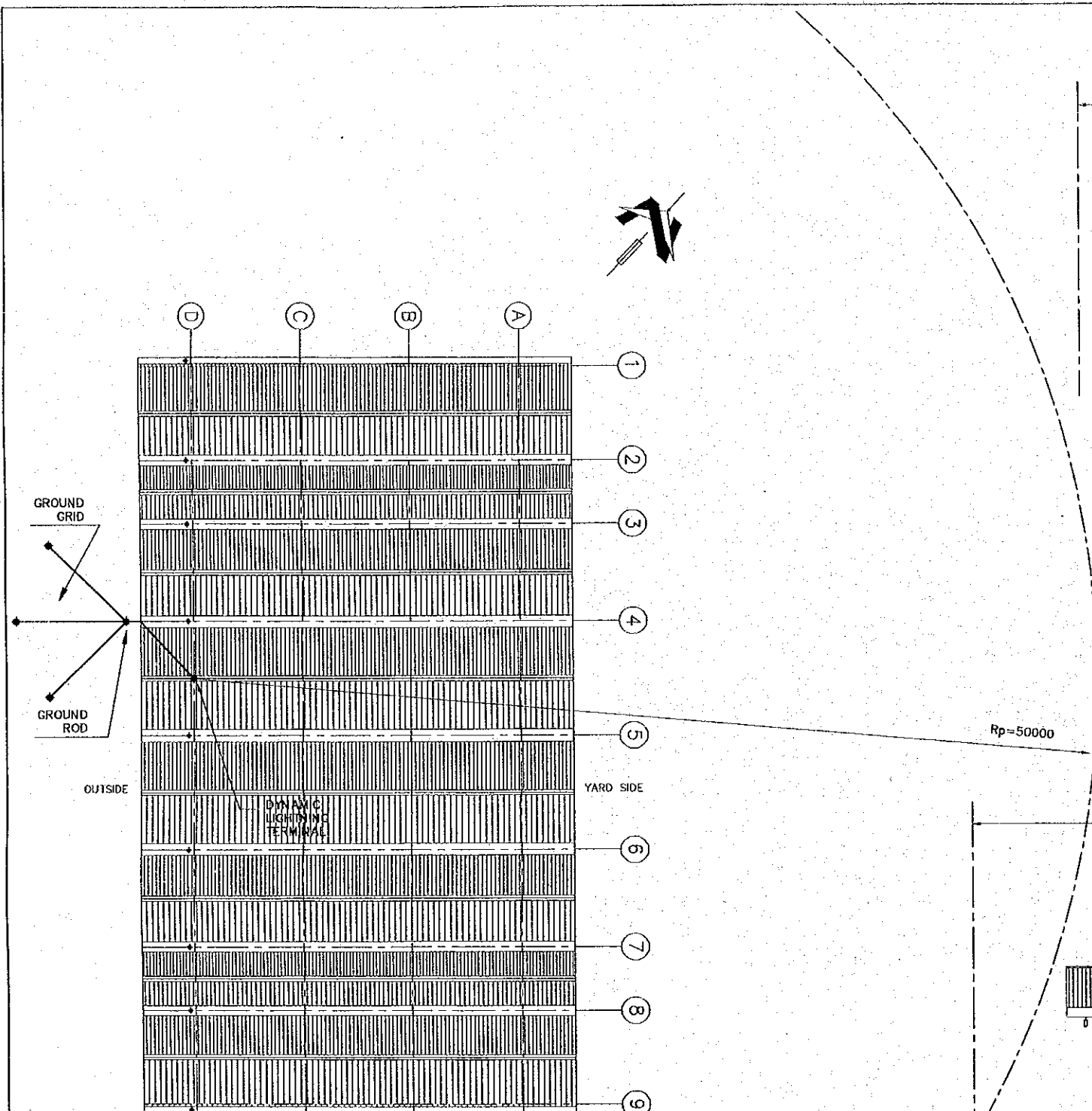
THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR

**NKC**  
NIPPON KOEI CO., LTD.

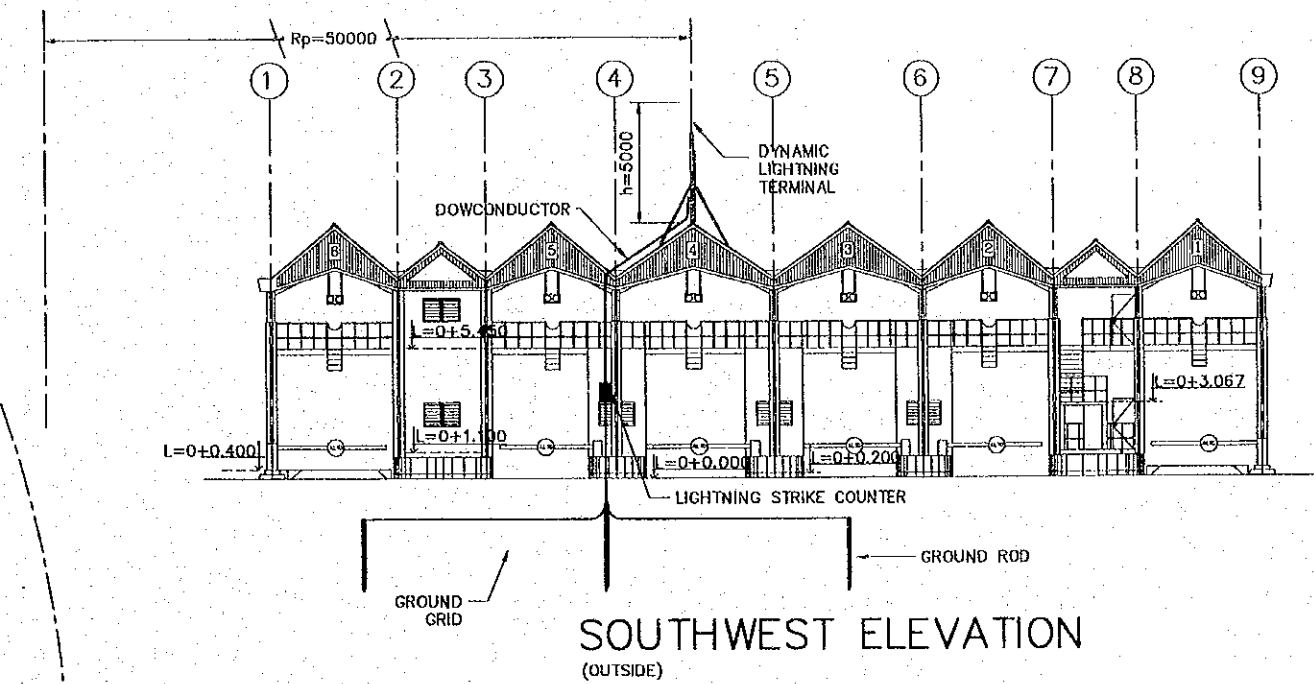
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CHECKED BY :  
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SECTION : BUILDING WORK  
SUB-SECTION : CONTAINER GATE  
TITLE : COMMUNICATION SYSTEM  
FIRST AND SECOND FLOOR PLAN

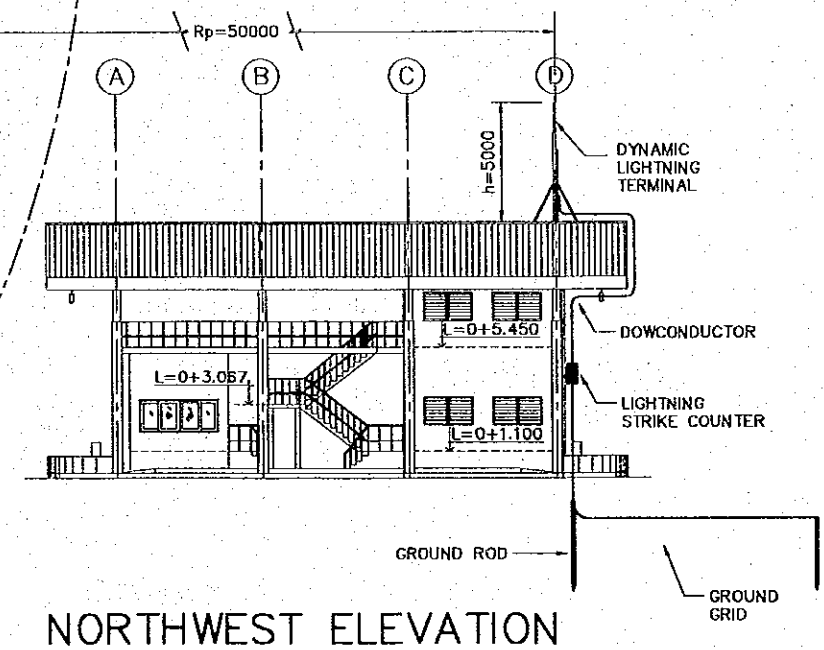
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DRAWING NO. : BD-04-034



ROOF PLAN



SOUTHWEST ELEVATION  
(OUTSIDE)

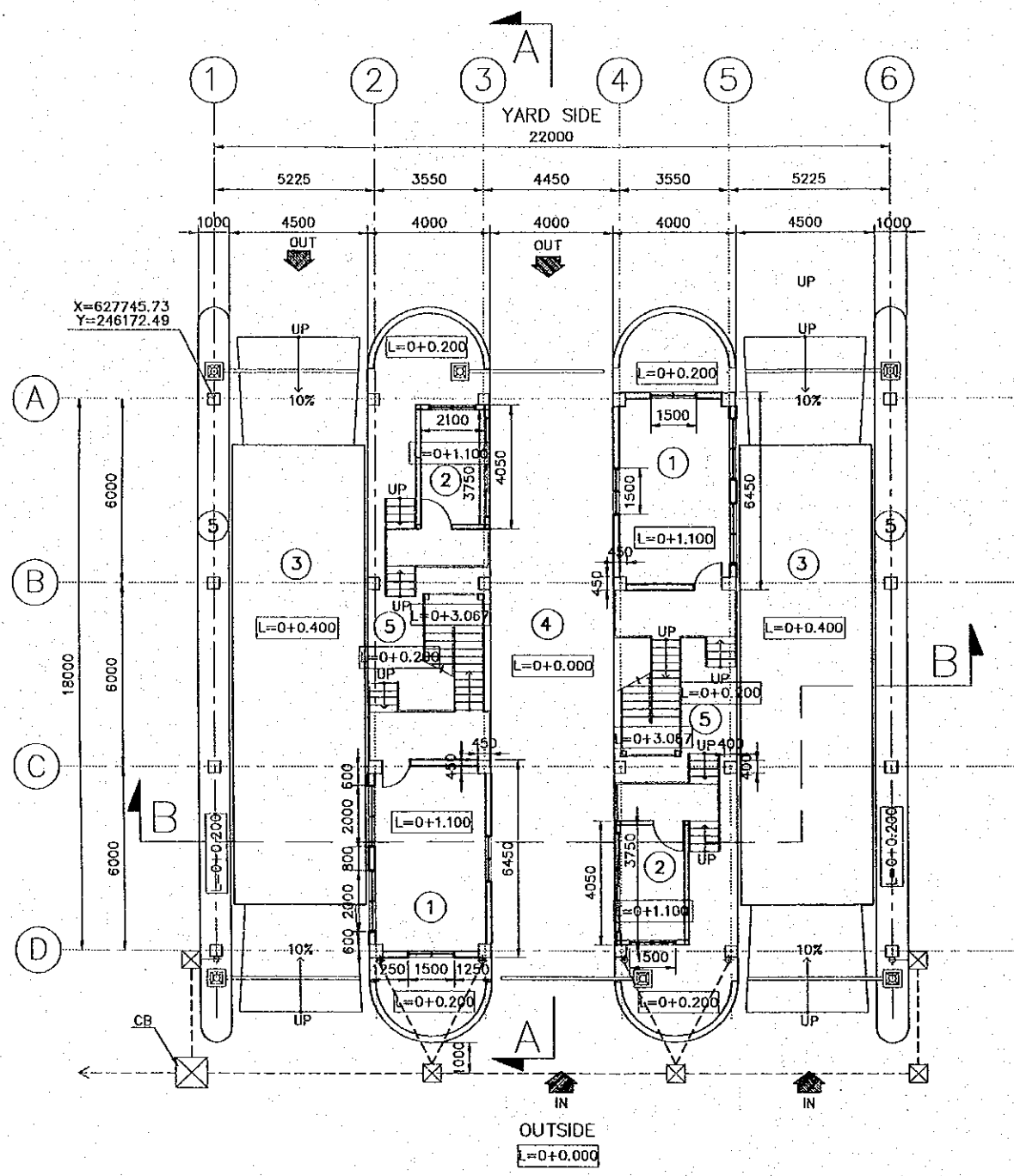


NORTHWEST ELEVATION

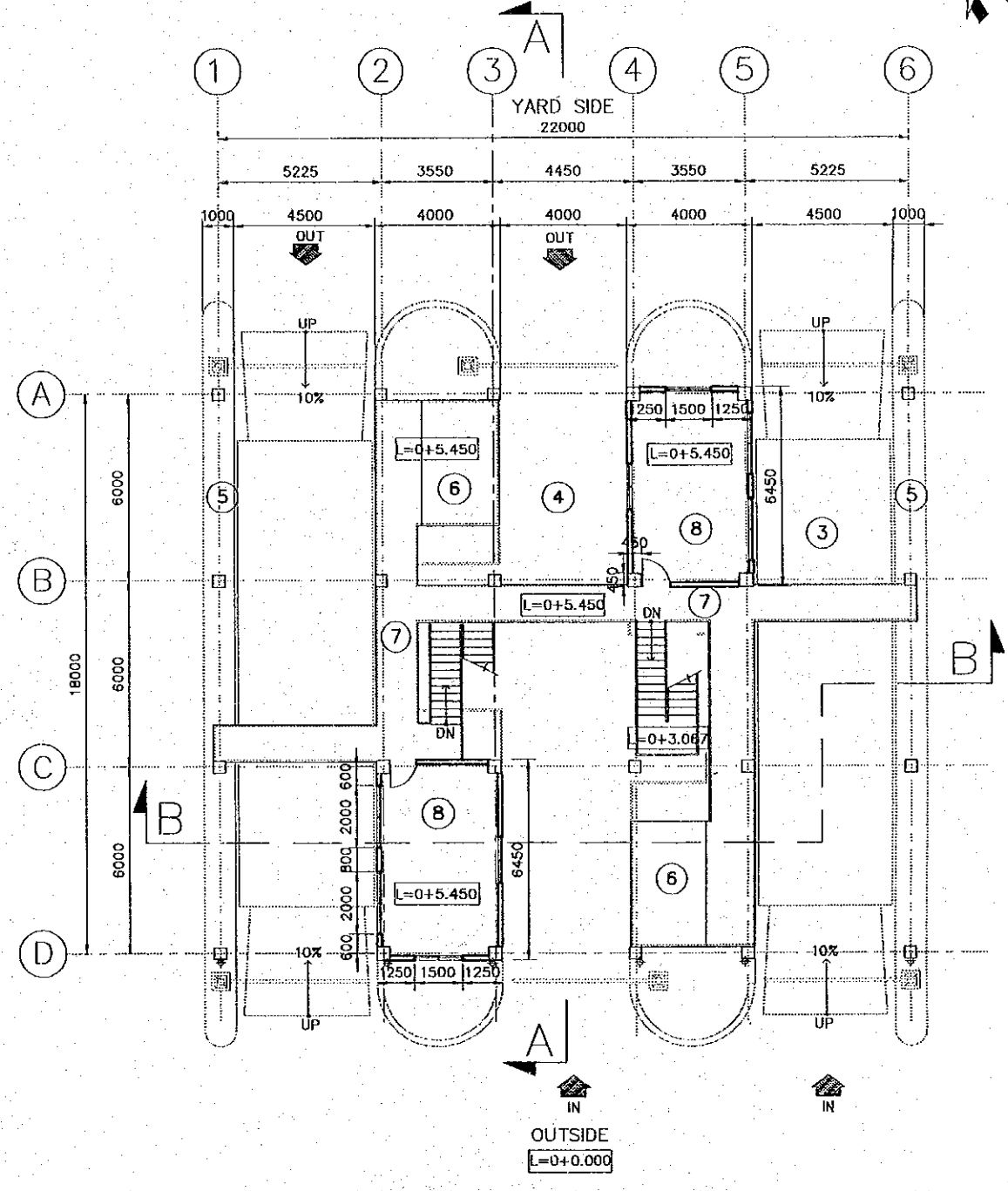
S I M B O L S	
	DYNAMIC LIGHTNING TERMINAL.
	GROUND ROD.
	DOWNCONDUCTOR.
	PROTECTED AREA LIMIT
$R_p=$	RADIUS OF PROTECTION.
$h=$	HEIGHT OF LIGHTNING TERMINAL TIP ABOVE THE SURFACE TO BE PROTECTED.
	GROUND GRID

LIGHTNING PROTECTION SYSTEM ELEVATIONS & ROOF PLAN

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 : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER GATE	SCALE : 1 : 300
								APPROVED BY :	TITLE : LIGHTNING PROTECTION SYSTEM ELEVATIONS & ROOF PLAN	DRAWING NO: BD-04-035



FIRST FLOOR PLAN  
SCALE 1:200

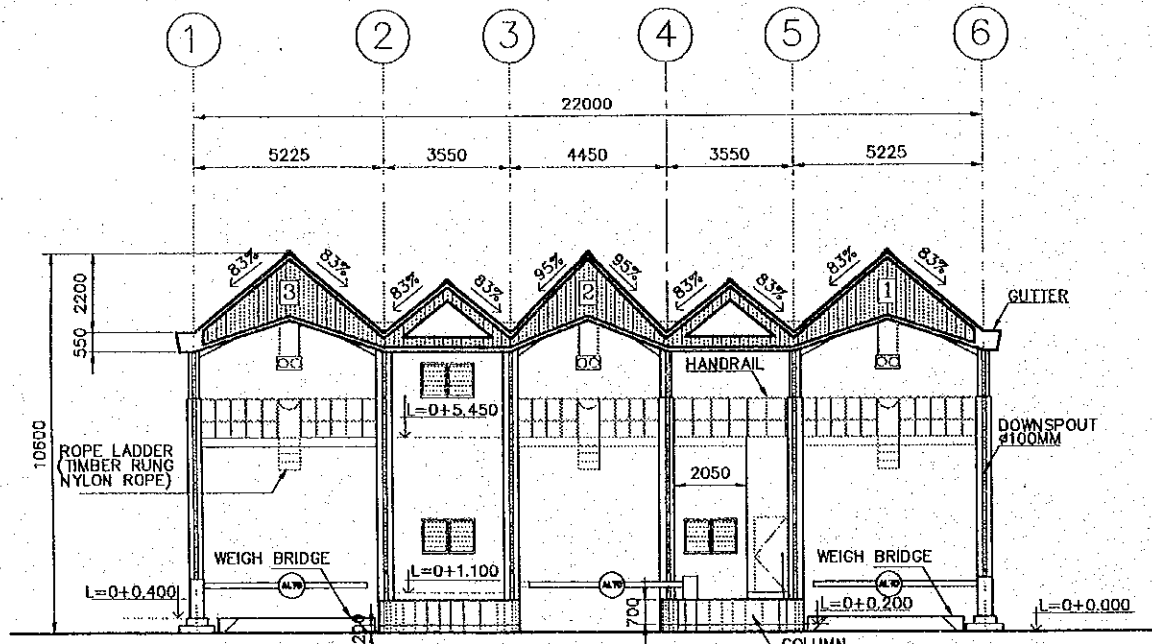


SECOND FLOOR PLAN  
SCALE 1:200

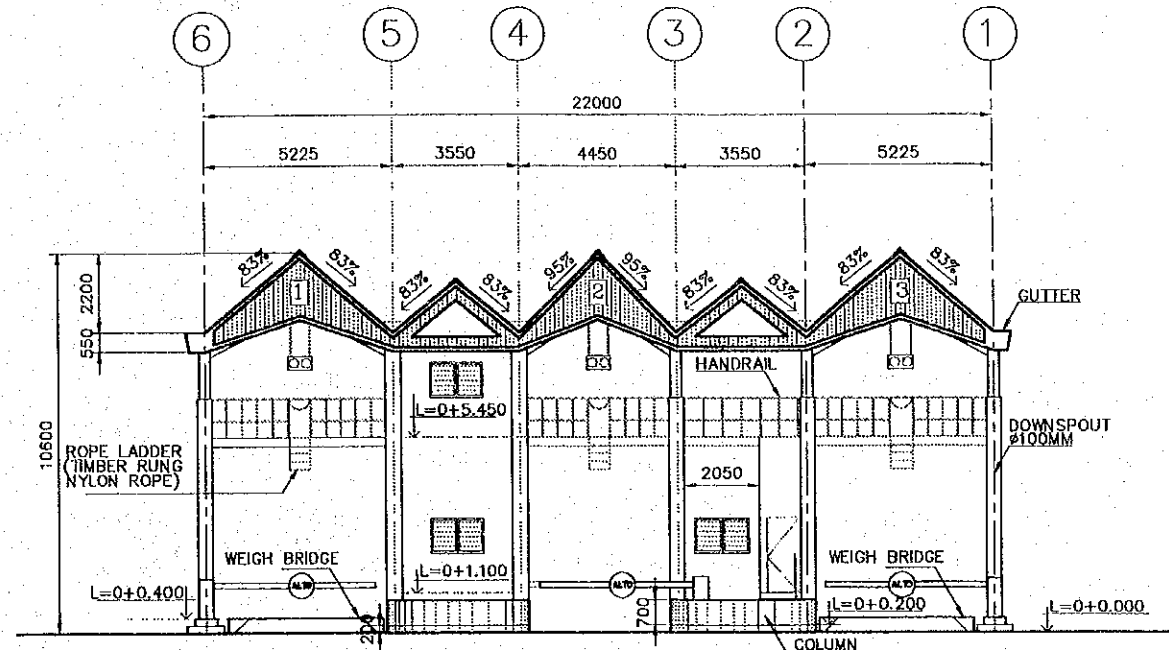
LEGEND	
① WEIGH BRIDGE OFFICE	⑤ SIDE WALK (ISLAND)
② GATE OFFICE	⑥ INSPECTION PLATFORM
③ WEIGH BRIDGE	⑦ BRIDGE WALK
④ PAVEMENT	⑧ DUTY STAFF ROOM

ABBREVIATIONS  
LEGEND  
CB : CATCH BASIN

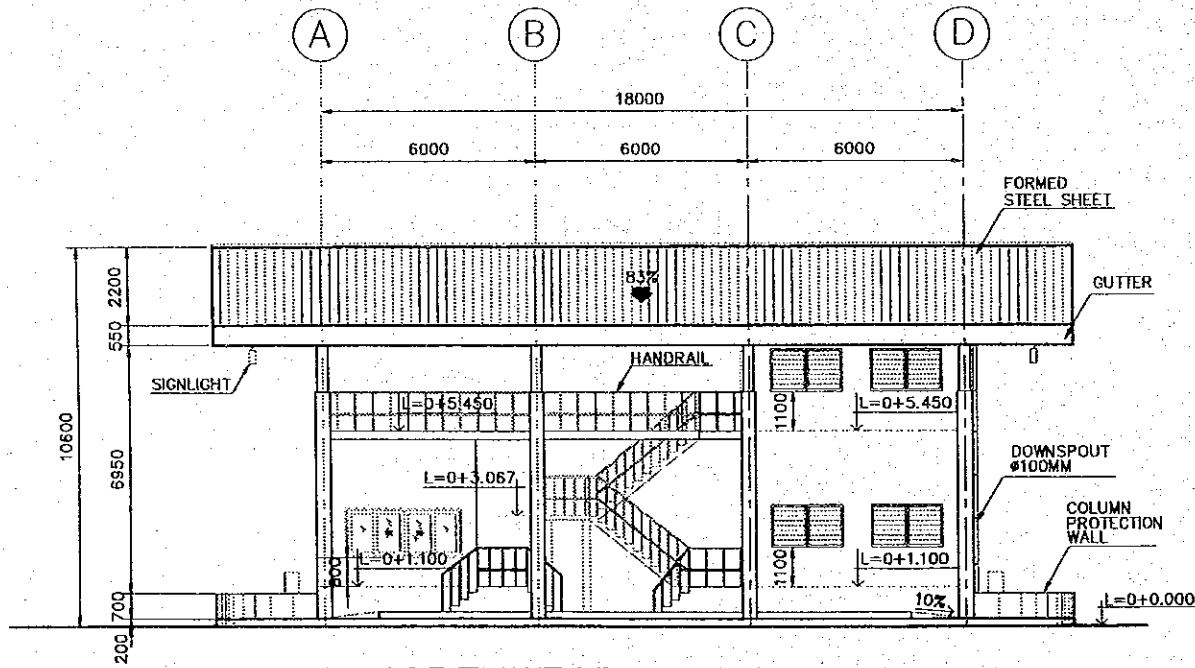
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
								CHECKED BY :	SUB-SECTION :	OCTOBER/2002
								APPROVED BY :	TITLE :	SCALE :
									FIRST & SECOND FLOOR PLANS	1 : 200
										DRAWING NO. : BD-05-001



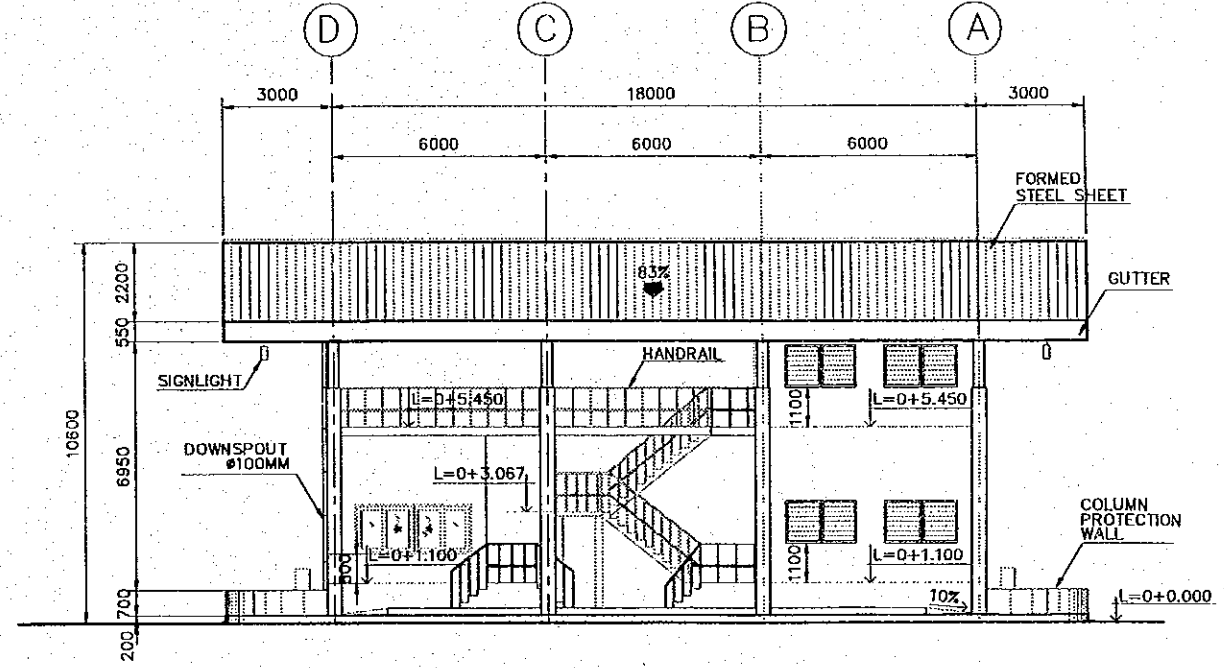
**SOUTHWEST ELEVATION**  
(OUTSIDE)  
SCALE 1:200



**NORTHEAST ELEVATION**  
(PORT SIDE)  
SCALE 1:200

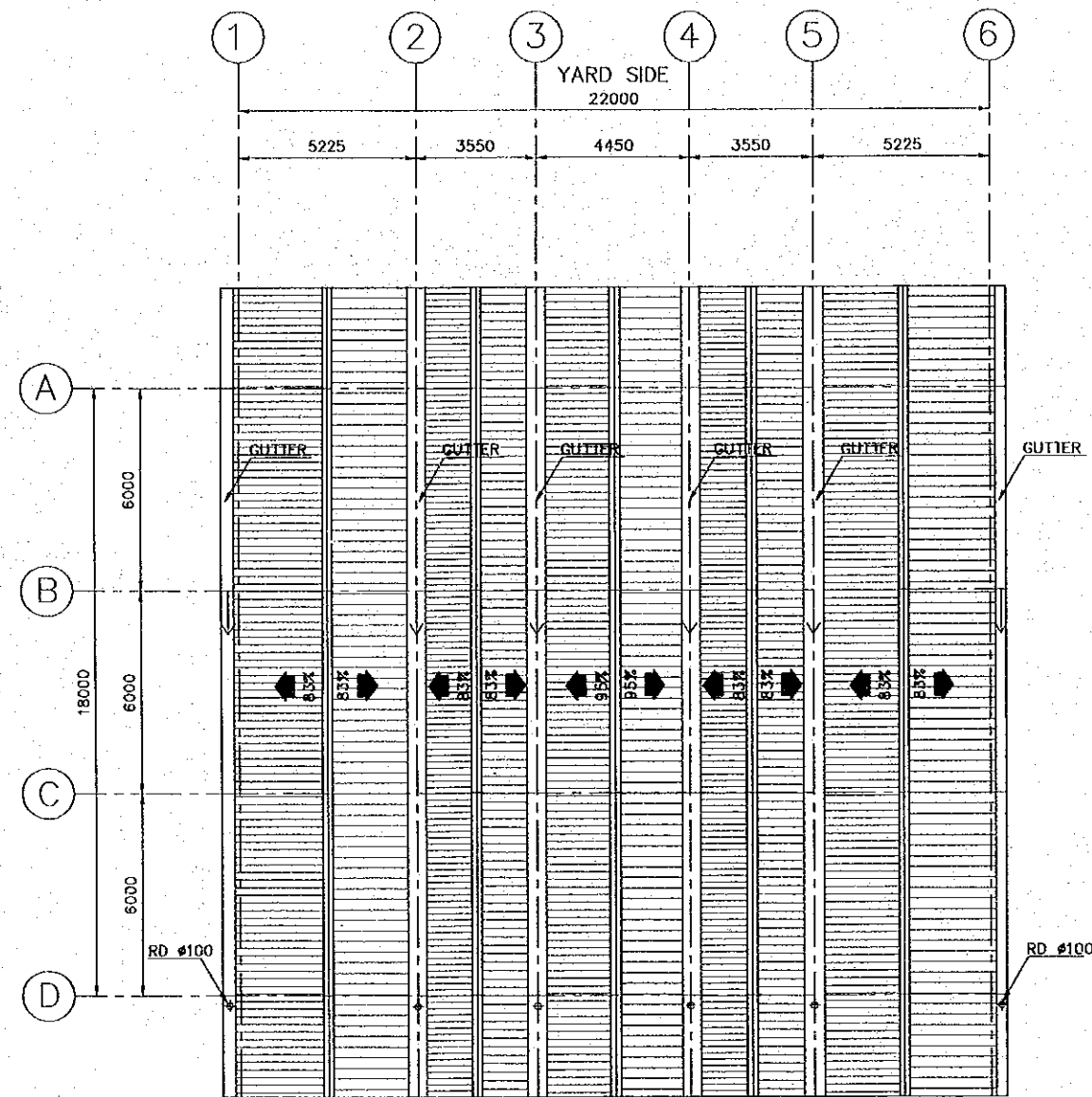


**NORTHWEST ELEVATION**  
SCALE 1:200



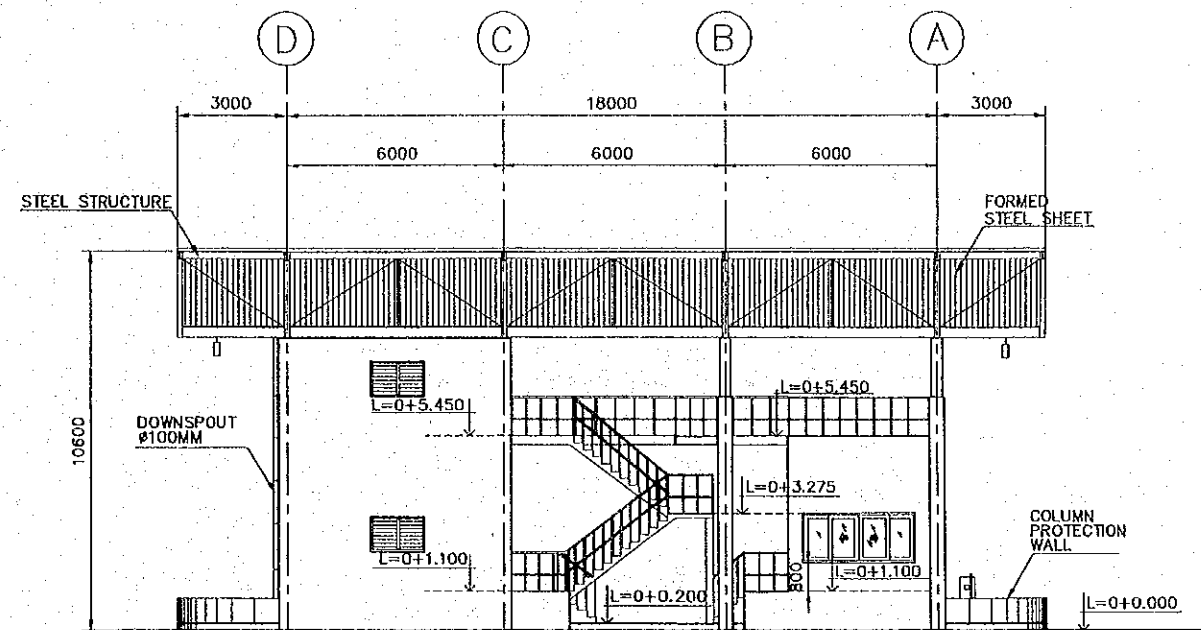
**SOUTHEAST ELEVATION**  
SCALE 1:200

				<p>JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p>	<p>THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR</p>		DESIGNED BY :	<p>SECTION : BUILDING WORK SUB-SECTION : CARGO GATE TITLE : ELEVATIONS</p>	DATE :
					<p>COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</p>	<p>NIPPON KOEI CO., LTD.</p>			CHECKED BY :
REV. NO.	DATE	COORDINATE	BY	APPROVED		DATE			APPROVED BY :

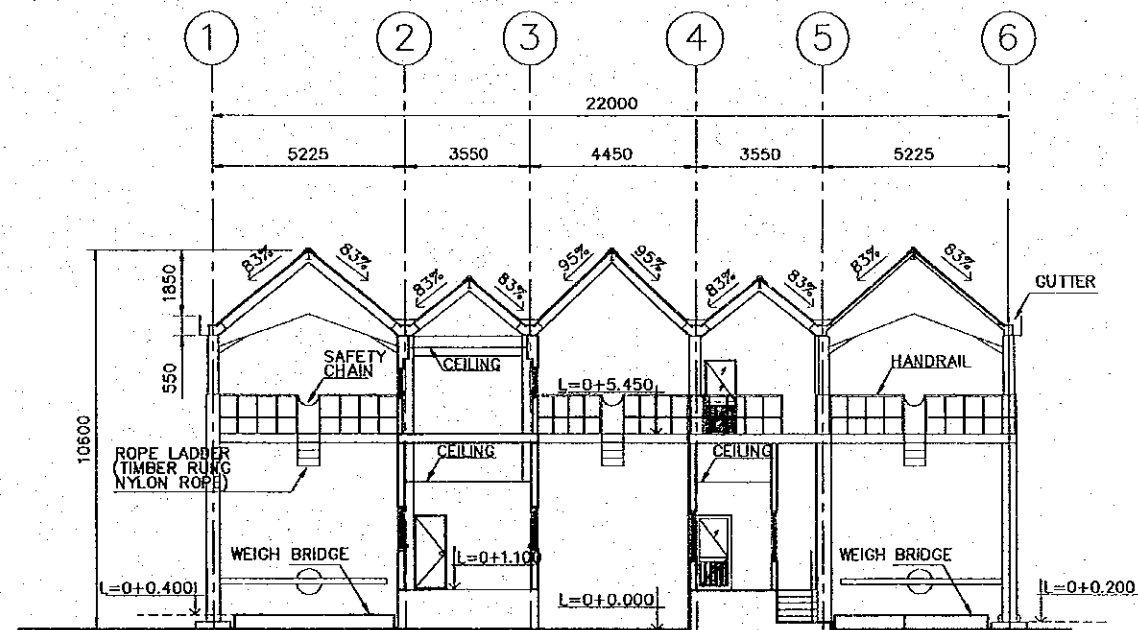


OUTSIDE  
**ROOF PLAN**  
 SCALE 1:200

RD : ROOF DRAIN PVC  $\phi$  100 MM



**SECTION A-A**  
 SCALE 1:200



**SECTION B-B**  
 SCALE 1:200

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

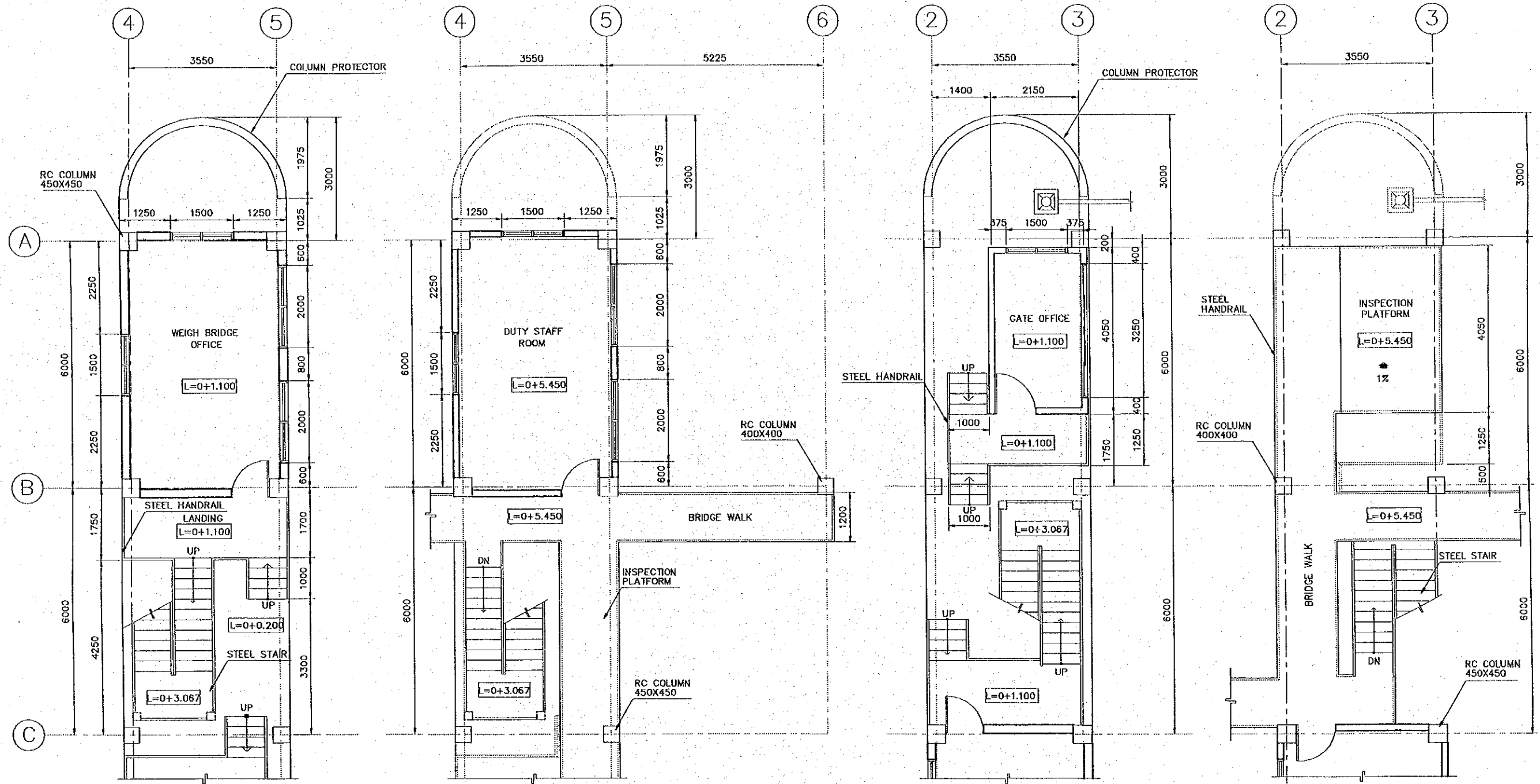
**NK**  
 NIPPON KOEI CO., LTD.

DESIGNED BY :  
 CHECKED BY :  
 APPROVED BY :

SECTION : BUILDING WORK  
 SUB-SECTION : CARGO GATE  
 TITLE : ROOF PLAN AND  
 SECTION A-A & B-B

DATE : OCTOBER/2002  
 SCALE : 1 : 200  
 DRAWING NO :  
 BD-05-003





**WEIGH BRIDGE OFFICE**  
FIRST FLOOR

**DUTY STAFF ROOM**  
SECOND FLOOR

**GATE OFFICE**  
FIRST FLOOR

**INSPECTION PLATFORM**  
SECOND FLOOR

**DETAILED PLAN OF OFFICES**  
SCALE 1:100

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

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

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

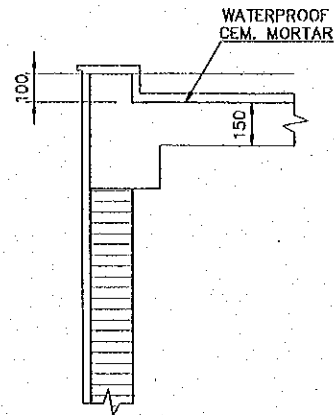
THE DETAILED DESIGN  
ON PORT REACTIVATION PROJECT  
IN LA UNION PROVINCE  
OF THE REPUBLIC OF EL SALVADOR

**NKC**  
NIPPON KOEI CO., LTD.

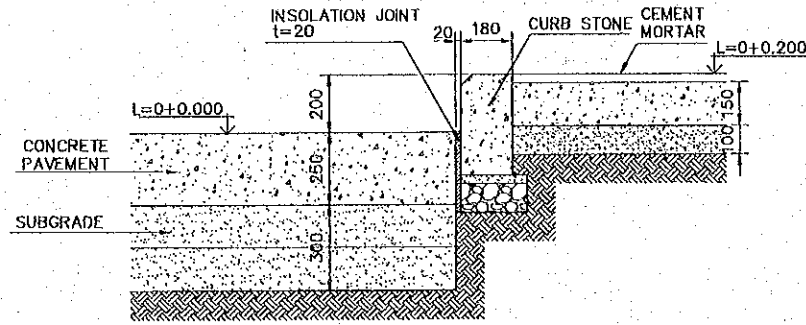
DESIGNED BY :  
CHECKED BY :  
APPROVED BY :

SECTION : BUILDING WORK  
SUB-SECTION : CARGO GATE  
TITLE : DETAILED PLAN OF OFFICES

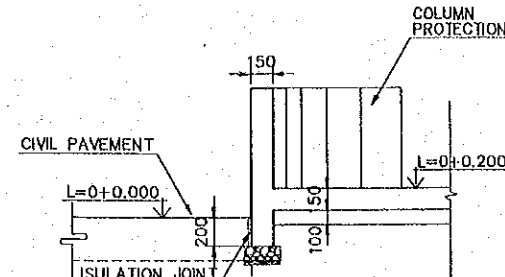
DATE : OCTOBER/2002  
SCALE : 1 : 100  
DRAWING NO. : BD-05-004



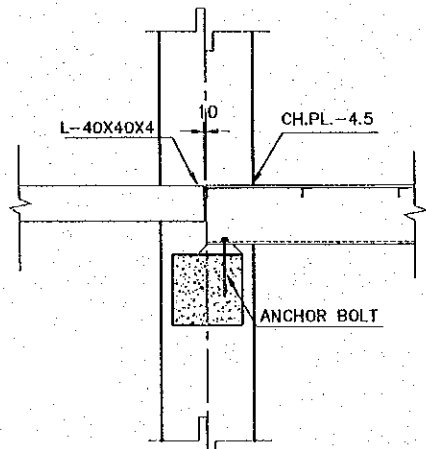
DETAIL A  
SCALE 1:25



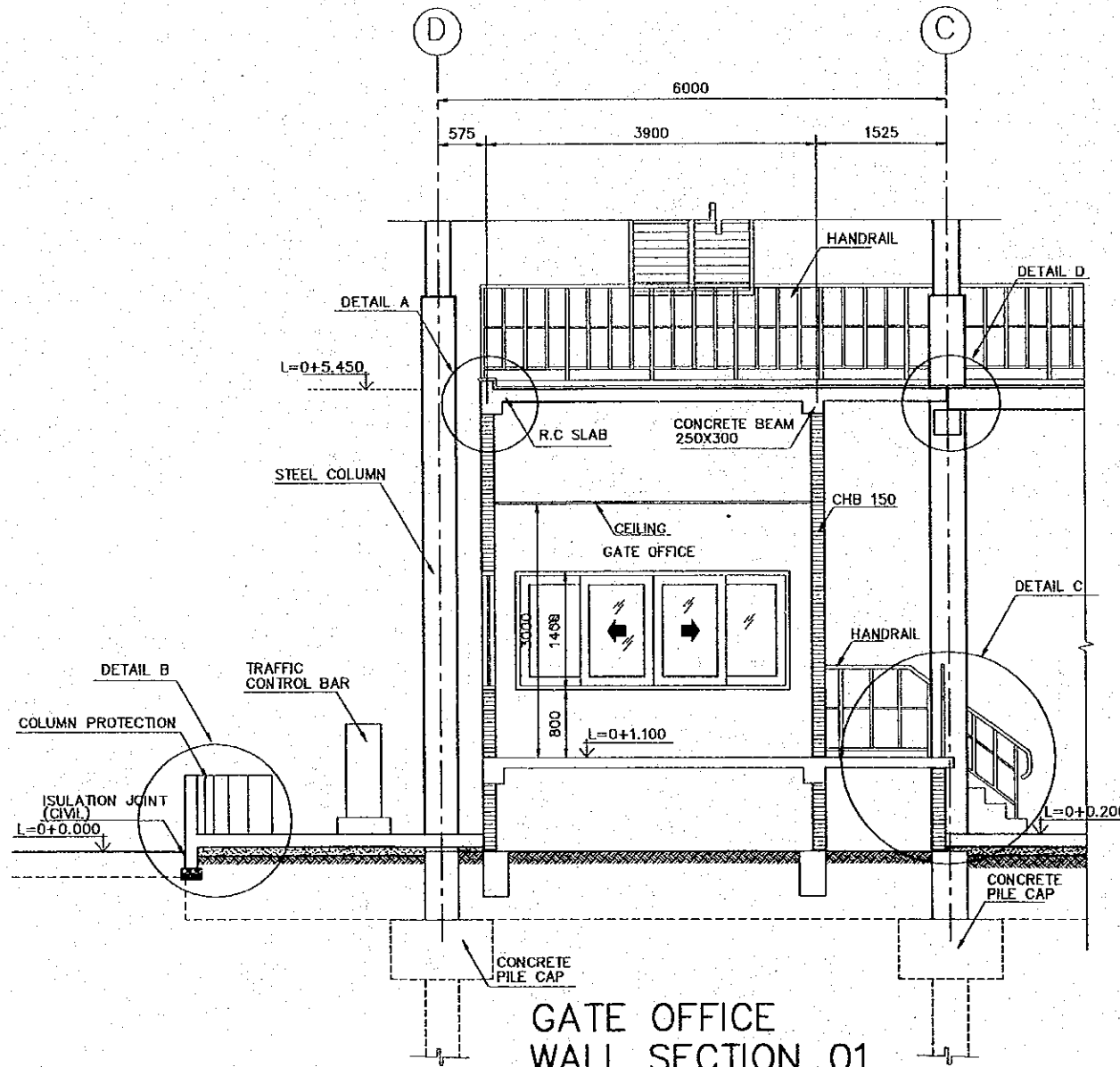
ISLAND SECTION  
SCALE 1:25



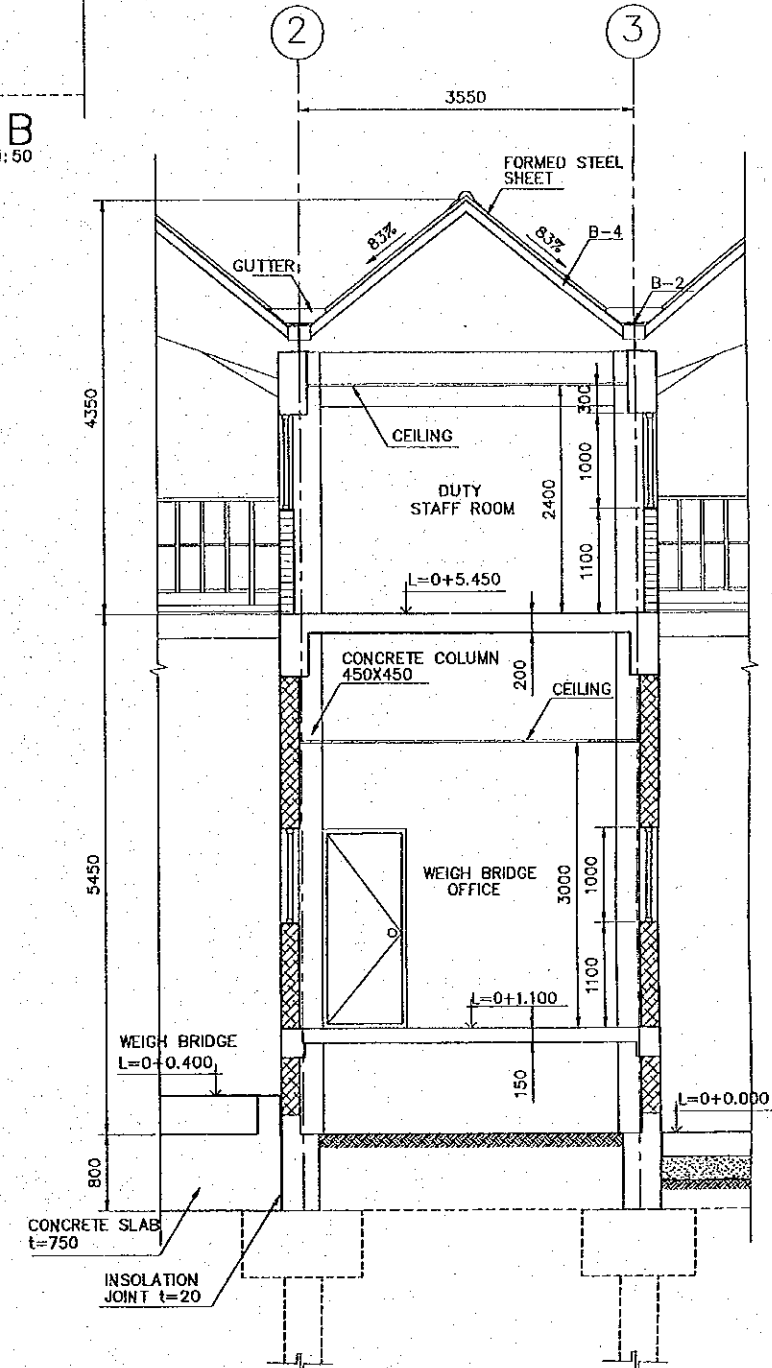
DETAIL B  
SCALE 1:50



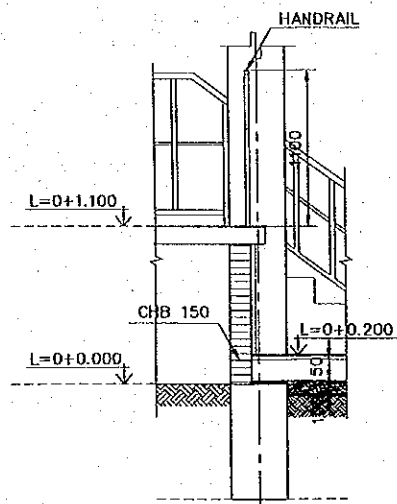
DETAIL D  
SCALE 1:30



GATE OFFICE  
WALL SECTION 01  
SCALE 1:75



WEIGH BRIDGE OFFICE  
WALL SECTION 02  
SCALE 1:75

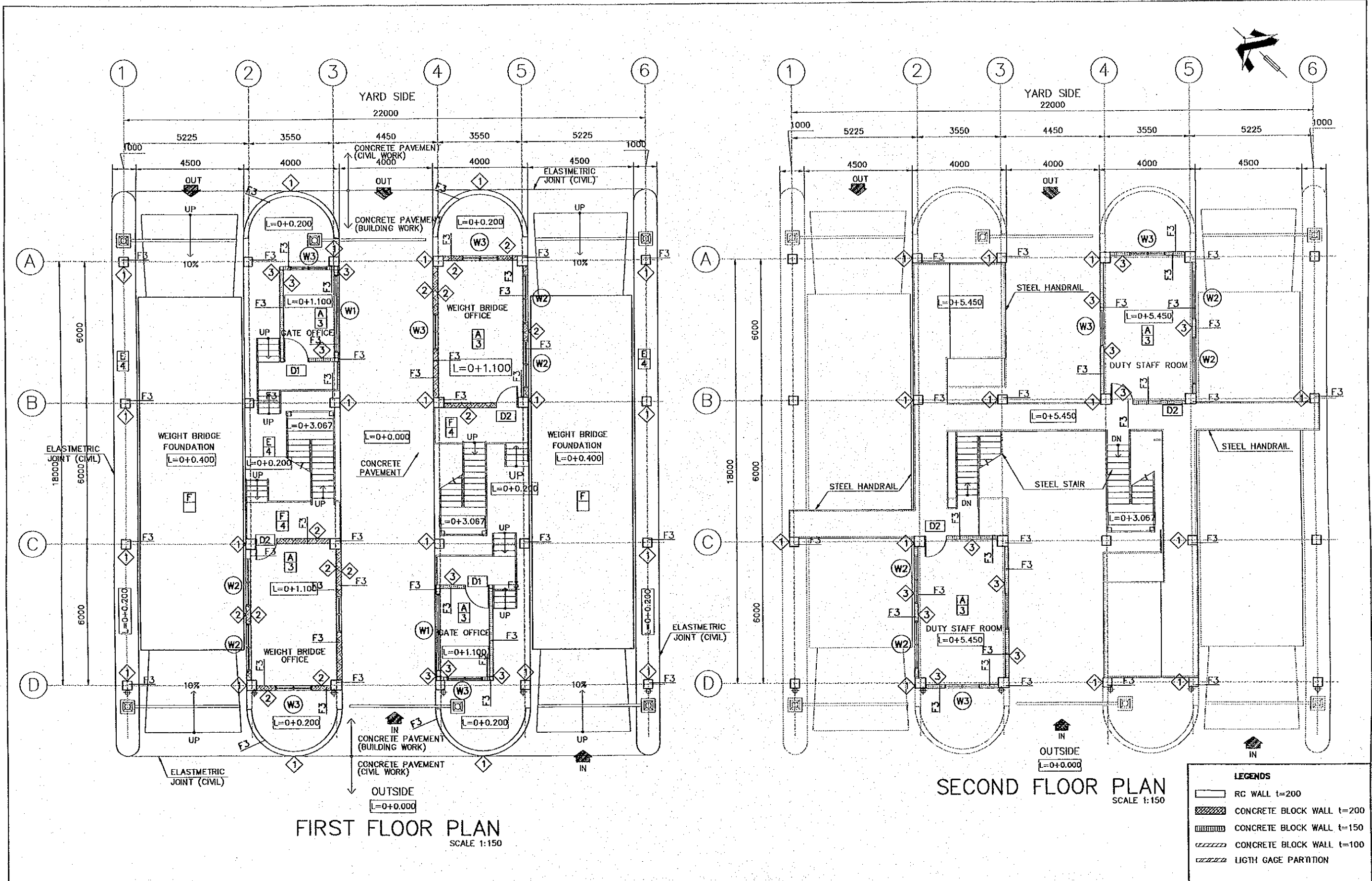


DETAIL C  
SCALE 1:50

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 :
								BUILDING WORK		AS SHOWN
								CARGO GATE		DRAWING NO.:
								ARCHITECTURAL DETAIL		BD-05-005
								SECTION-01		







FIRST FLOOR PLAN  
SCALE 1:150

SECOND FLOOR PLAN  
SCALE 1:150

- LEGENDS**
- RC WALL t=200
  - CONCRETE BLOCK WALL t=200
  - CONCRETE BLOCK WALL t=150
  - CONCRETE BLOCK WALL t=100
  - LIGHT GAGE PARTITION

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 : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CARGO GATE	SCALE : 1 : 150
								APPROVED BY :	TITLE : FINISH PLANS: FIRST AND SECOND FLOOR	DRAWING NO. : BD-05-008