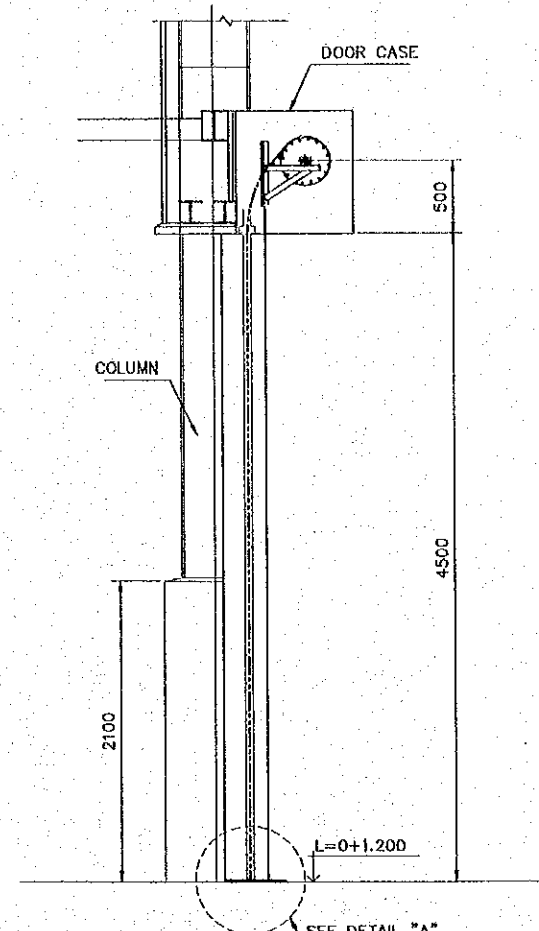
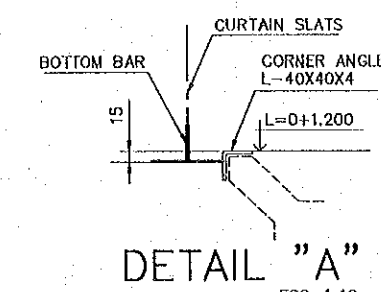


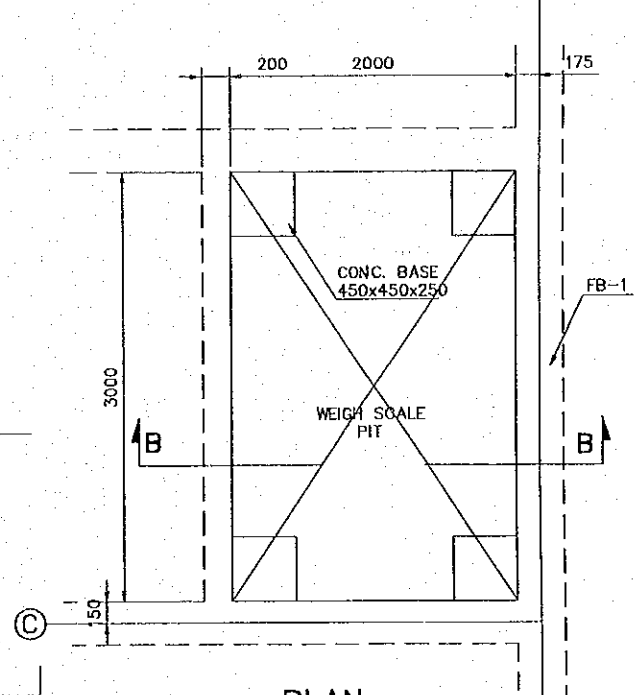
ELEVATION
SCALE 1:50



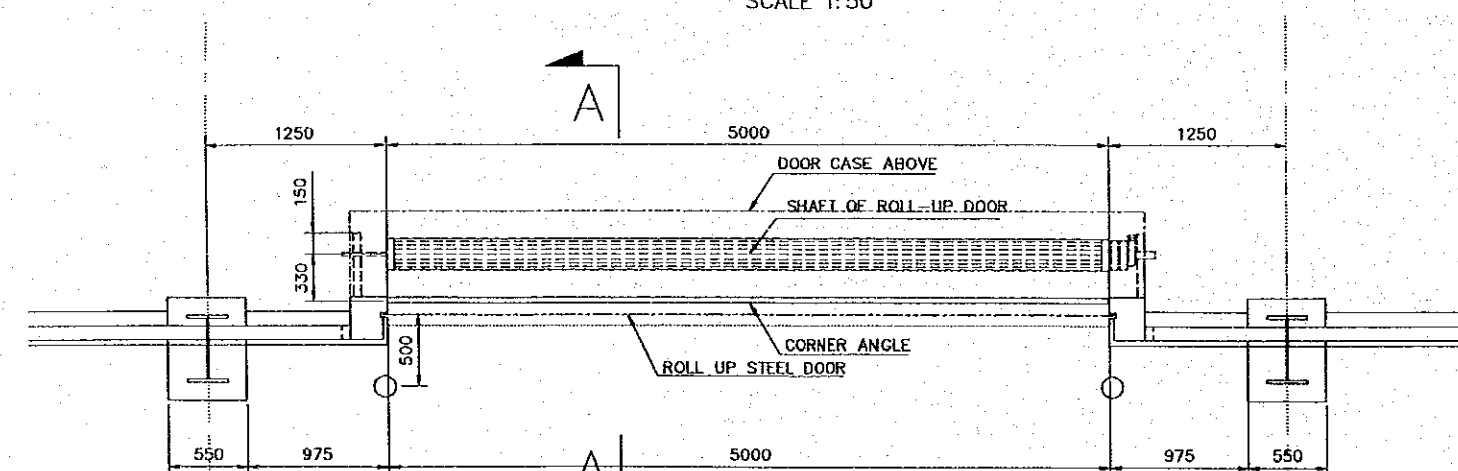
SECTION A-A
ESC. 1:50



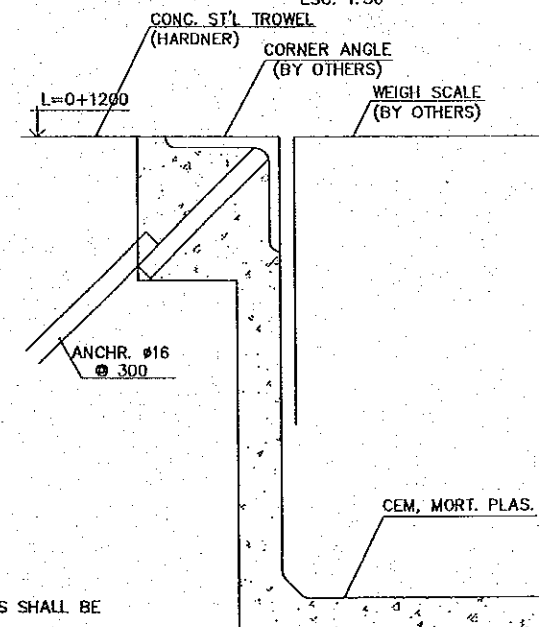
DETAIL "A"
ESC. 1:10



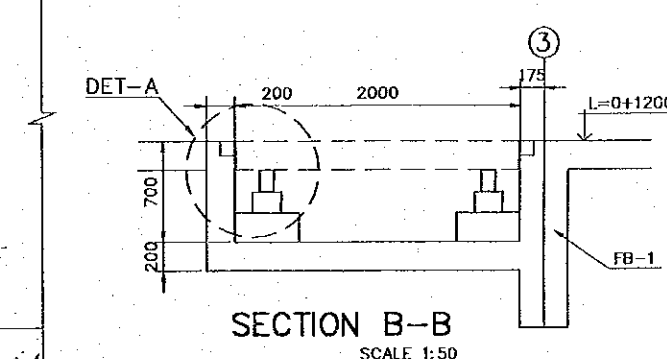
PLAN
SCALE 1:50



PLAN
SCALE 1:50



DETAIL-B
SCALE 1:5



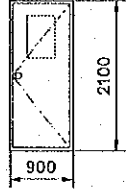
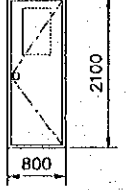
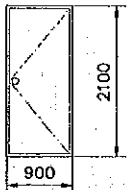
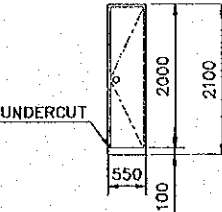
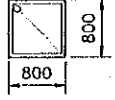
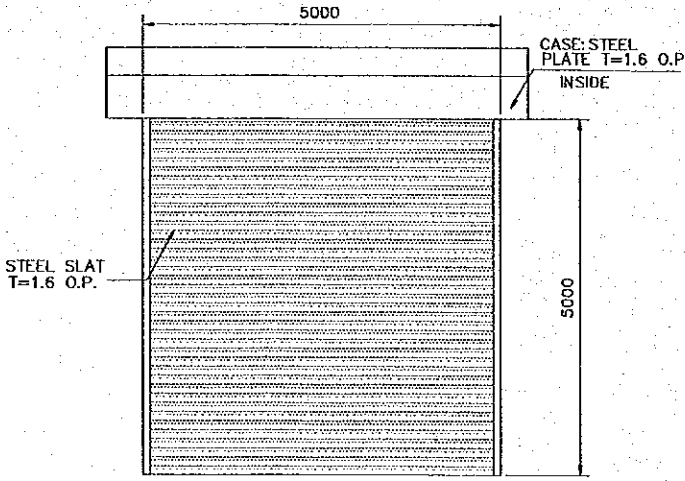
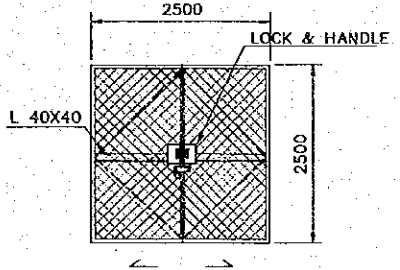
SECTION B-B
SCALE 1:50




- NOTES:
1. WEIGH SCALE WITH ALL ACCESORIES SHALL BE FURNISHED BY OTHERS.
 2. ALL DIMENSIONS SHOWN ON THIS DRAWING SHALL BE PROVISIONAL AND SUBJECT TO CHANGE AFTER DETERMINATION OF THE MANUFACTURER.

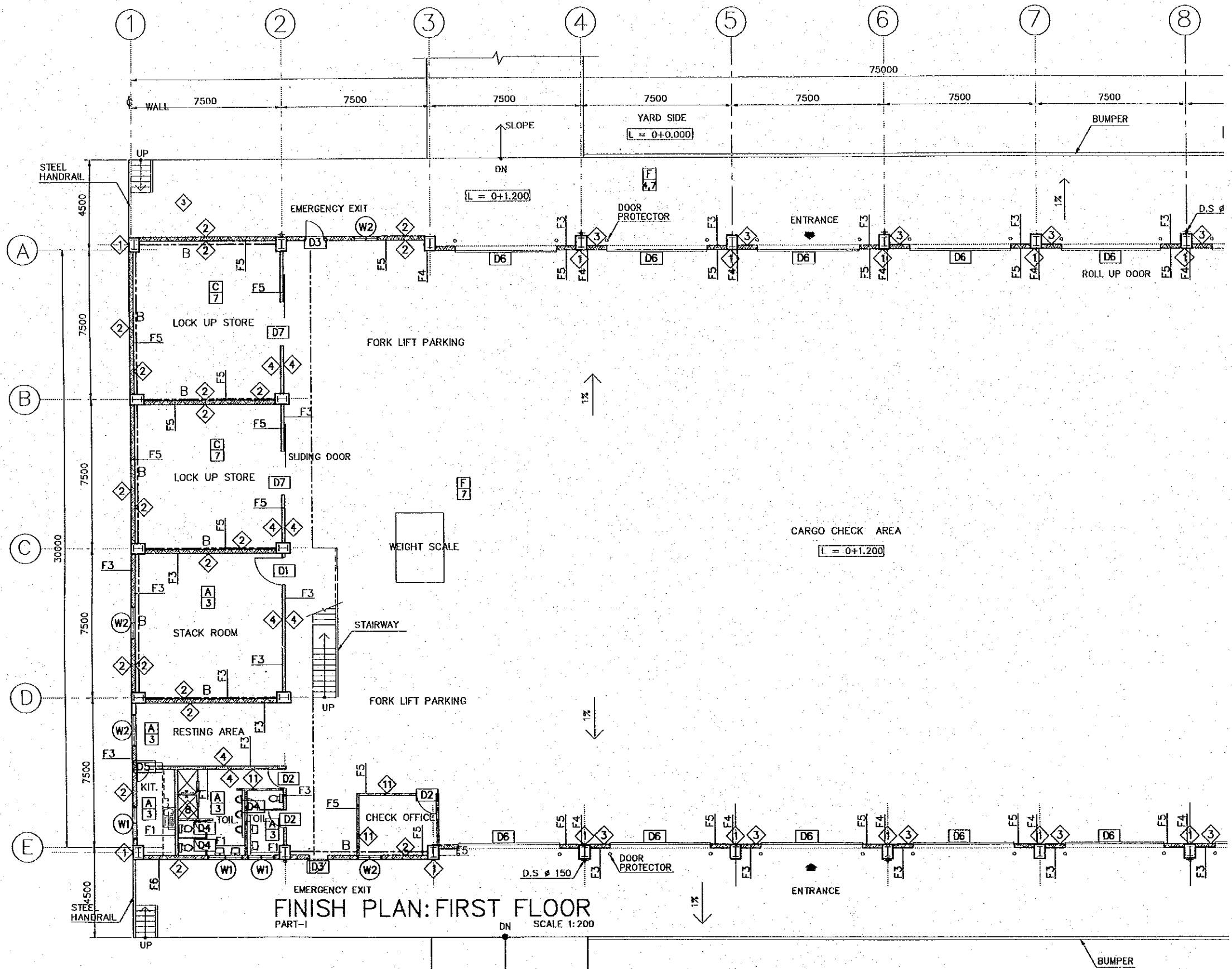
WEIGH SCALE PIT DETAILS

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 : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION	SCALE : 1 : 50, 1:10
								APPROVED BY :	TITLE : ROLL-UP DOOR DETAILS	DRAWING NO. : BD-02-010

DOOR AND WINDOW SCHEDULES (1)
CONTAINER FREIGHT STATION (C.F.S)

SYMBOL & TYPE		[D1] STEEL GLAZED FLUSH DOOR		[D2] WOOD GLAZED FLUSH DOOR		[D3] STEEL FLUSH DOOR		[D4] MELAMINE DOOR		[D5] WOOD FLUSH DOOR	
FIGURE & DIMENSIONS											
SIZE	THK.	900 X 2100	100 (40)	800 X 2100	120 (40)	900 X 2100	100 (40)	550 X 2100	120 (40)	800 x 800	
QUANTITY		5 SET		3 SETS		2 SETS		3 SETS		1 SET	
GLASS		6.8 MM WIRED FIGURE GLASS		5 MM. FIGURE GLASS		NONE		NONE		NONE	
HARDWARE		125 MM. BUTT HINGES CLOSER/STOPPER, CYLINDRICAL LOCK W/ KNOB DOOR STOP		125 MM BUTT HINGES CYLINDRICAL LOCK/KNOB, DOOR CLOSER, DOOR STOP		125 MM BUTT HINGES CYLINDRICAL LOCK/KNOB, DOOR CLOSER, DOOR STOP		125 MM BUTT HINGES, DOOR RIM CYLINDRICAL LOCK/KNOB, DOOR RELEASE, COAT HOOK		125 MM BUTT HINGES, DOOR RIM CYLINDRICAL LOCK/KNOB	
PAINTING		OIL PAINT		OIL PAINT		OIL PAINT		OIL PAINT		OIL PAINT	
DESCRIPTION		STAINLESS SILL; 40 X 15 X 2.0		DOOR SILL: TERRAZZO BLOCK T=25				HARD WOOD FRAMES		HARD WOOD FRAMES	
SYMBOL & TYPE		[D6] STEEL ROOL-UP DOOR				[D7] STEEL SLIDING DOOR					
FIGURE & DIMENSIONS											
SIZE	THK.	5000 X 5000				2500 x 2500					
QUANTITY		16 SETS				2 SETS					
GLASS		NONE				NONE					
HARDWARE		GUIDE RAILS (STAINLESS T=1.5) DRIVEN MOTOR, HAND CHAIN CONTROL BOX, LOCK ASSEMBLY				HANGER RAIL, GUIDE ROLLER, DOOR HANDELS, DOOR BOLTS, PADLOCK, DIAGONAL MEMBERS					
PAINTING		OIL PAINT				OIL PAINT					
DESCRIPTION		SAFETY DEVICE				WELDED MESH 50 X 50					

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)		THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR		DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
						 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)		 NIPPON KOEI CO., LTD.		CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S)	SCALE : 1:100
										APPROVED BY :	TITLE : WINDOWS & DOORS SCHEDULE - 01	DRAWING NO: BD-02-011



NOTES:
 1. FOR FINISH SCHEDULE, SEE DW-BD-03-014
 2. FOR DOOR & WINDOW SCHEDULE SEE DW-BD-03-012 & 013

GENERAL ABBREVIATION

- R.D.: ROOF DRAIN
- C.B.: CATCH BASIN
- CHB: CONCRETE HOLLOW BLOCK
- R.C: REINFORCED CONCRETE
- F.D.: FLOOR DRAIN
- P.S.: PIPE SHAFT
- D.S.: DOWNSPOUT
- F.L.: FLOOR FINISH LEVEL
- G.L.: GROUND LEVEL
- C.H.: CEILING HEIGHT
- : CURTAIN RAIL
- V: VENETIAN BLIND BOX
- ELV.: ELEVATOR

FINISH INDICATION

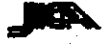

- (W1) WINDOW No.
- (D5) DOOR No.
- F5 WALL SURFACE FINISH
- ◊ WALL MATERIAL
- A 3 CEILING FINISH & MATERIAL
- A 4 FLOOR FINISH


LEGENDS

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

FINISH PLAN: FIRST FLOOR
 PART-I
 SCALE 1:200

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

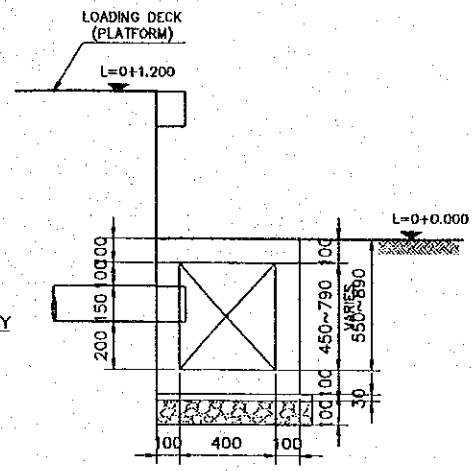
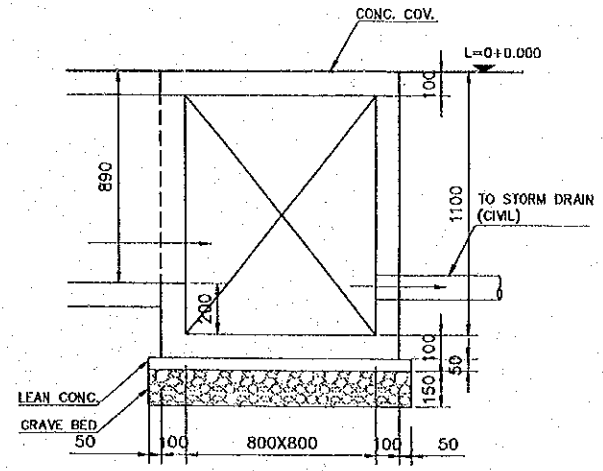
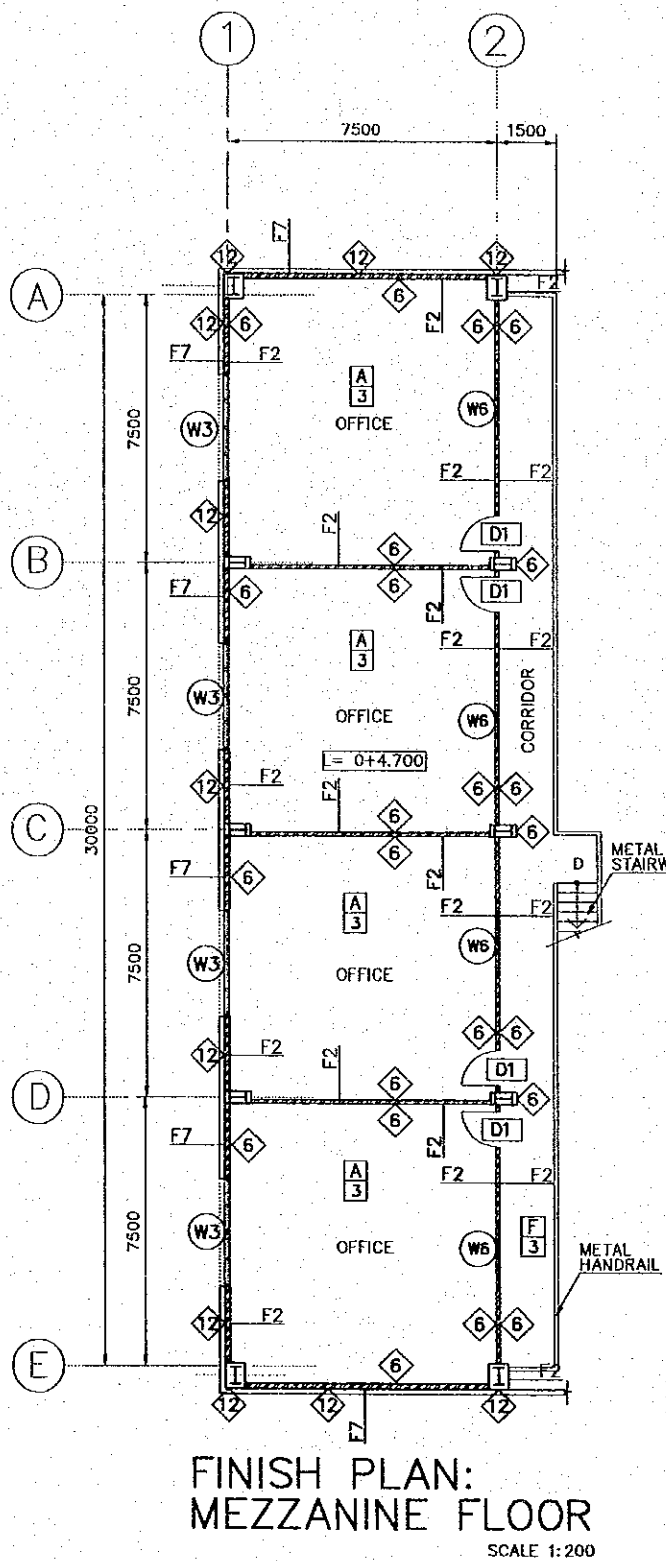
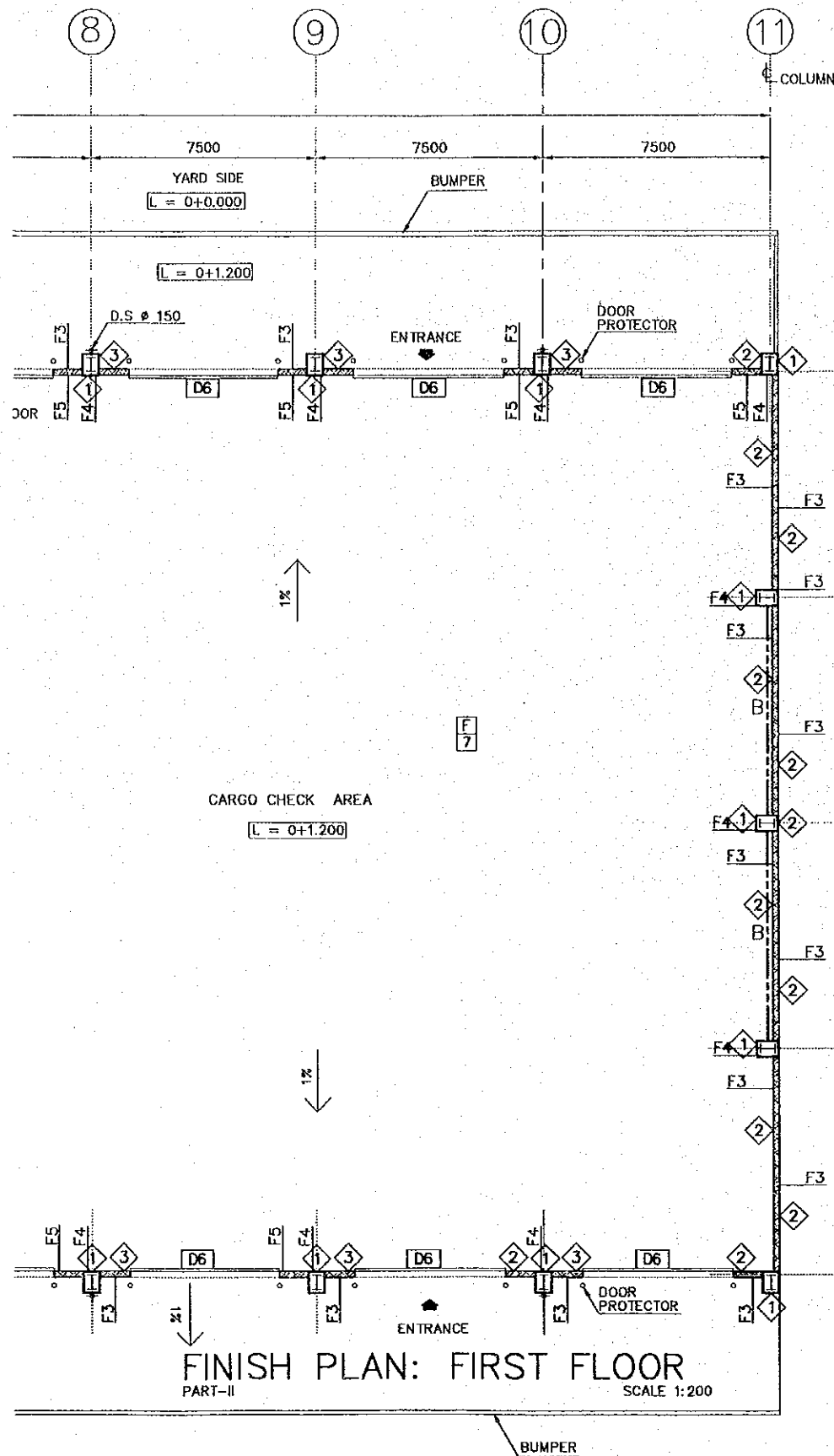

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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 FREIGHT STATION (C.F.S.)
 TITLE : **FINISH PLAN FIRST FLOOR (PART I)**

DATE :	OCTOBER/2002
SCALE :	1:200
DRAWING NO.:	BD-02-014



- NOTES:**
- FOR FINISH SCHEDULE, SEE DW-BD-03-014
 - FOR DOOR & WINDOW SCHEDULE SEE DW-BD-03-012 & 013

- GENERAL ABBREVIATION**
- R.D.: ROOF DRAIN
 - C.B.: CATCH BASIN
 - CHB: CONCRETE HOLLOW BLOCK
 - R.C.: REINFORCED CONCRETE
 - F.D.: FLOOR DRAIN
 - P.S.: PIPE SHAFT
 - D.S.: DOWNSPOUT
 - F.L.: FLOOR FINISH LEVEL
 - G.L.: GROUND LEVEL
 - C.H.: CEILING HEIGHT
 - C.R.: CURTAIN RAIL
 - V: VENETIAN BLIND BOX
 - ELV.: ELEVATOR

- FINISH INDICATION**
- (W1) WINDOW No.
 - (D5) DOOR No.
 - F5 WALL SURFACE FINISH
 - ◇ WALL MATERIAL
 - (A) CEILING FINISH & MATERIAL
 - (4) FLOOR FINISH

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

- NOTES:**
- FOR LOCATION OF DRAIN DITCH & END DRAIN PIT, REFER TO FLOOR PLAN.
 - CONCRETE DRAIN PIPE 200φ BE USED WHERE THE APRON IS LOCATED
 - ALL DOWNSPOUT SHALL BE CONNECTED TO DRAIN DITCH AT THE LEVEL AS SHOWN ABOVE

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

JICA
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

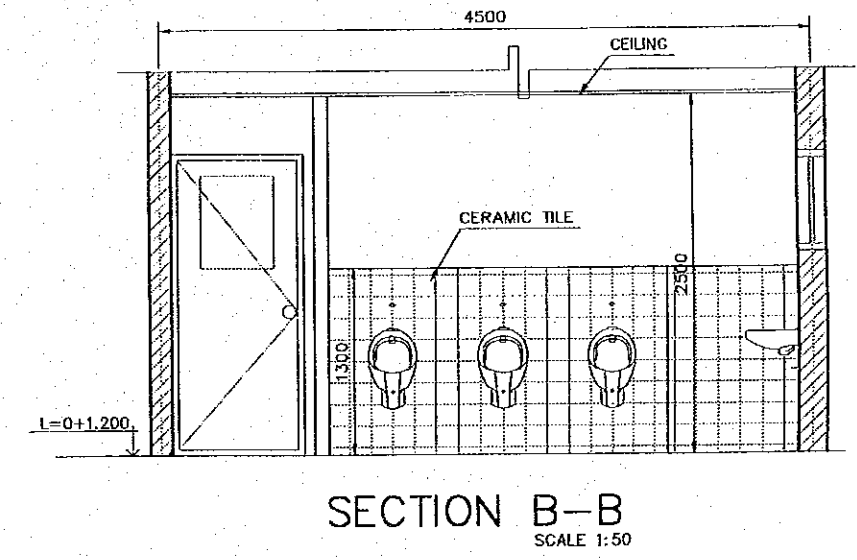
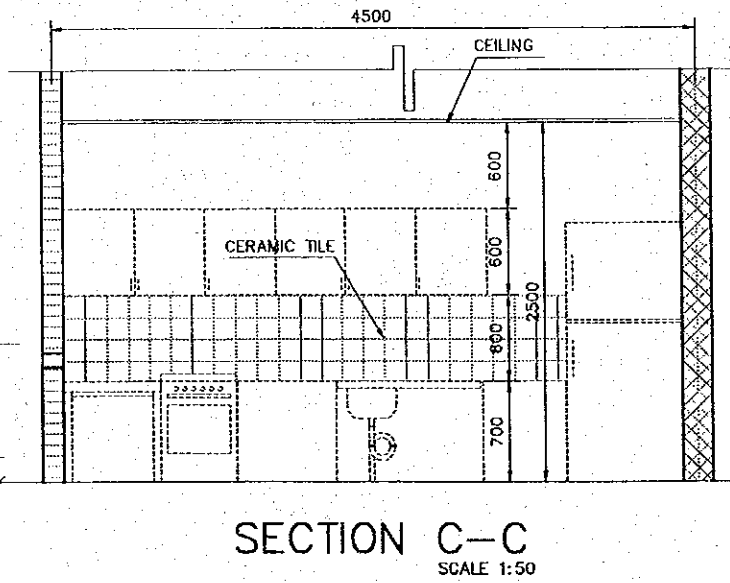
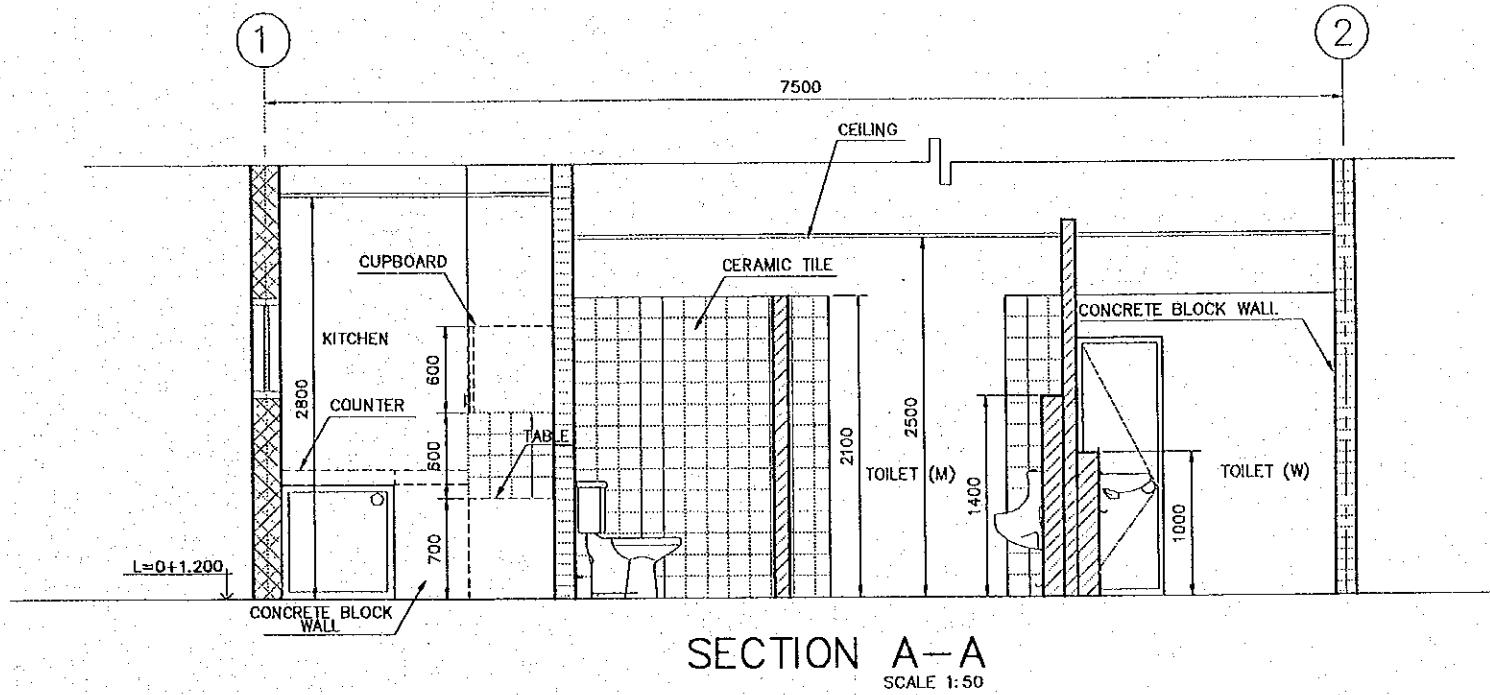
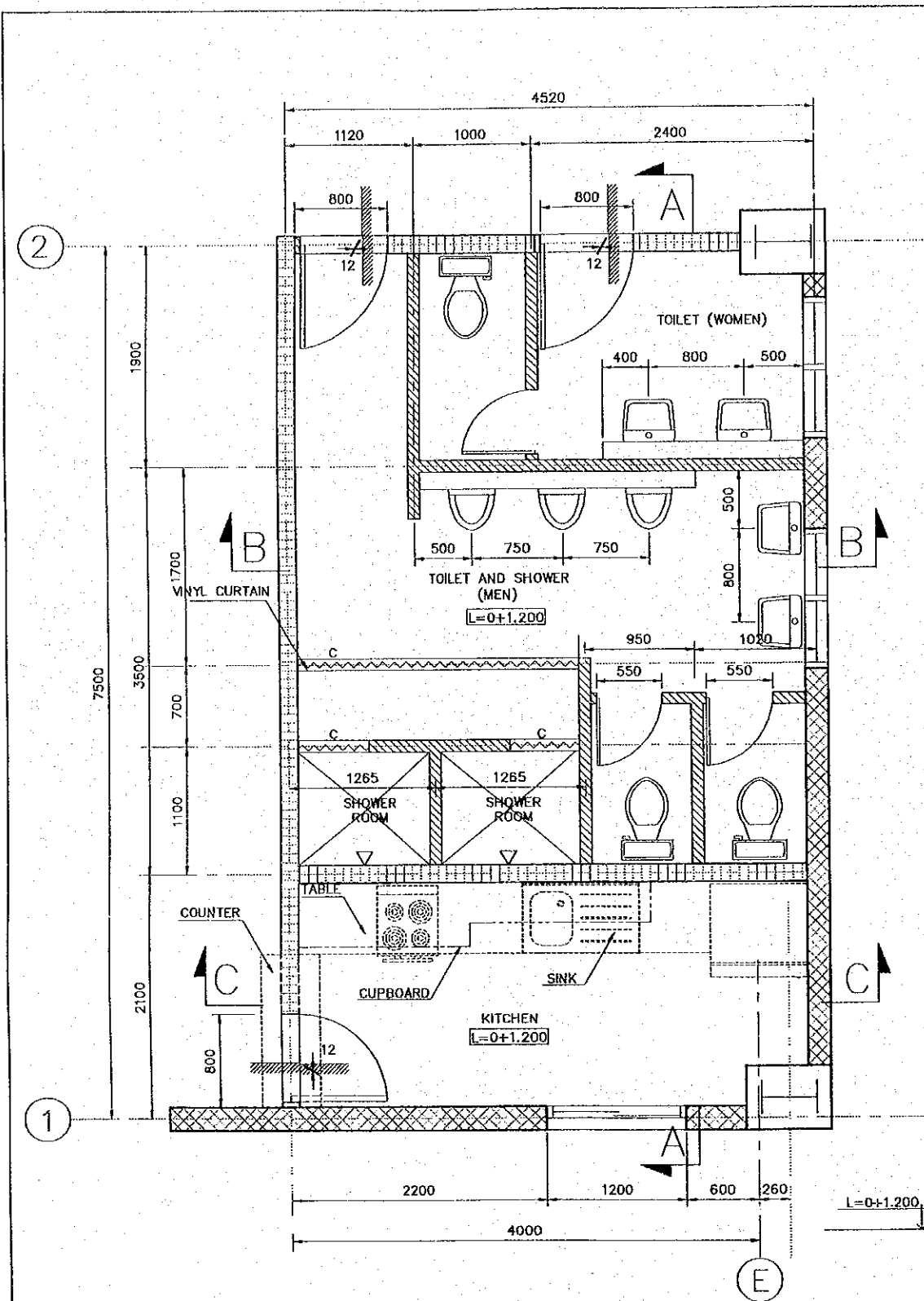
THE DETAILED DESIGN
 ON PORT REACTIVATION PROJECT
 IN LA UNION PROVINCE
 OF THE REPUBLIC OF EL SALVADOR

NIPPON KOEI CO., LTD.

DESIGNED BY:
 CHECKED BY:
 APPROVED BY:

SECTION : BUILDING WORK
 SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
 TITLE : FINISH PLAN
 FIRST FLOOR (PART II) AND
 MEZZANINE FLOOR PLAN

DATE : OCTOBER/2002
 SCALE : 1:200, 1:30
 DRAWING NO.: BD-02-015



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

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

CEPA
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

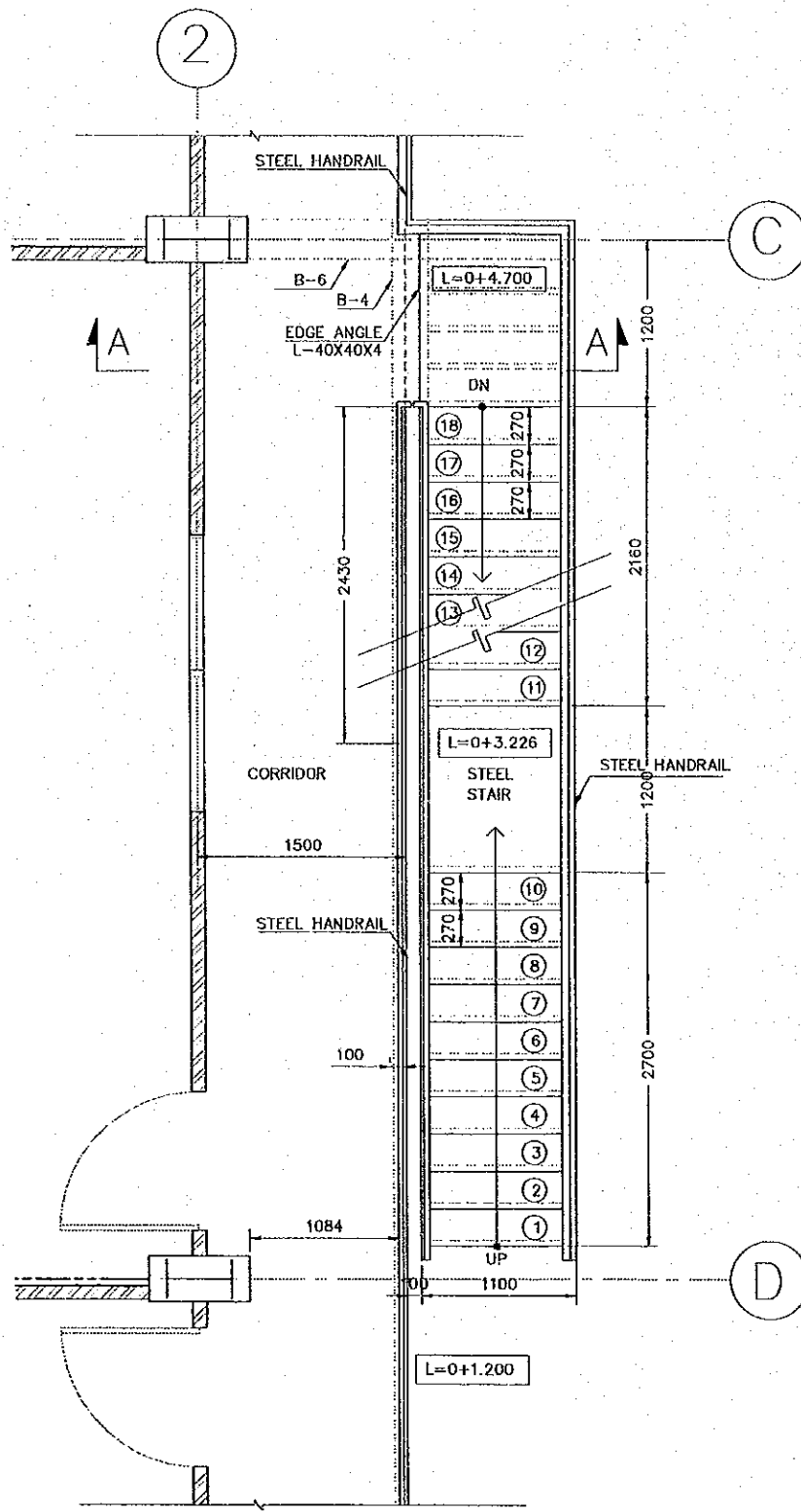
THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR

NKC
 NIPPON KOEI CO., LTD.

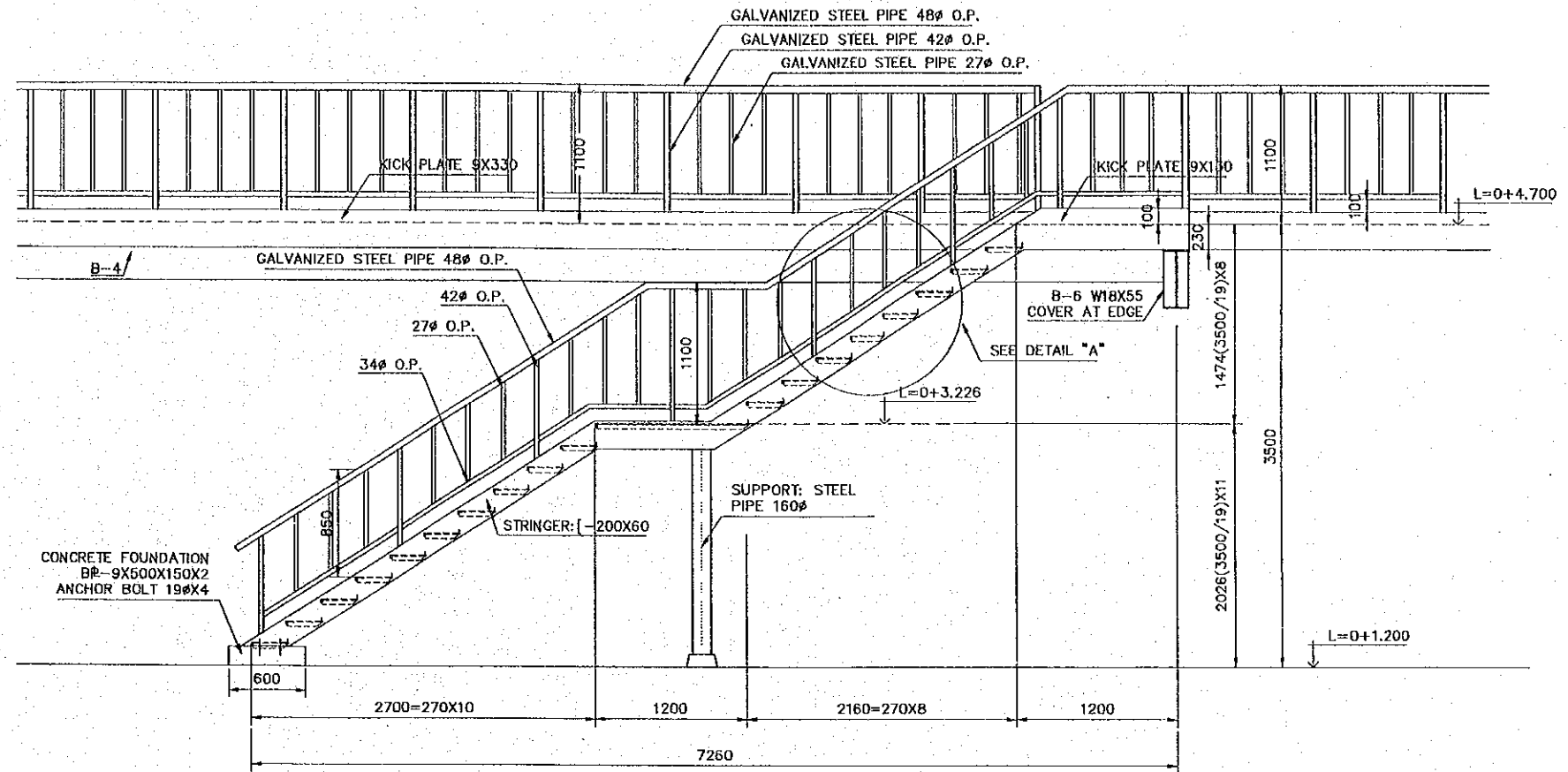
DESIGNED BY :
 CHECKED BY :
 APPROVED BY :

SECTION : BUILDING WORK
 SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
 TITLE : TOILET DETAIL

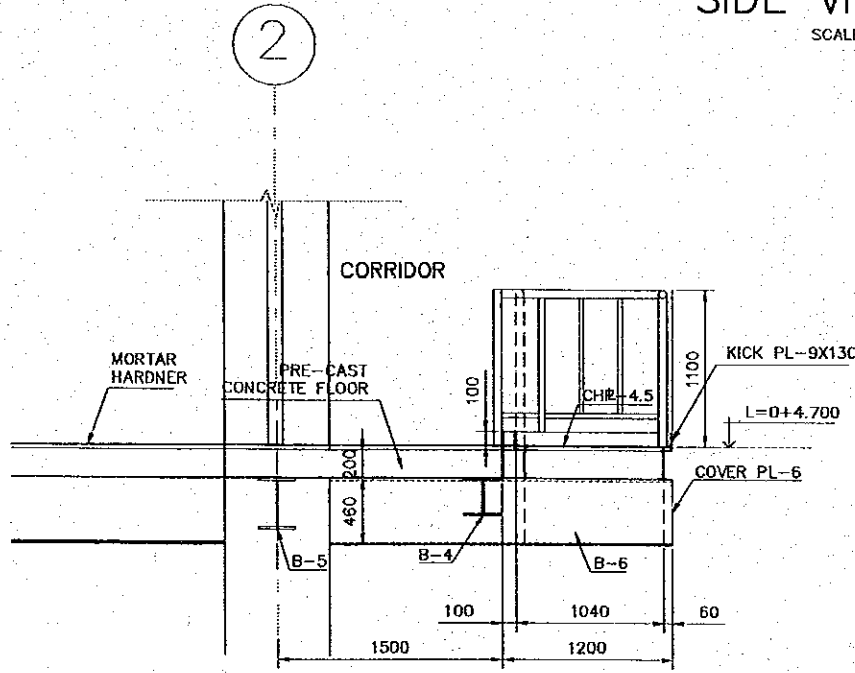
DATE : OCTOBER/2002
 SCALE : 1:50
 DRAWING NO. : BD-02-016



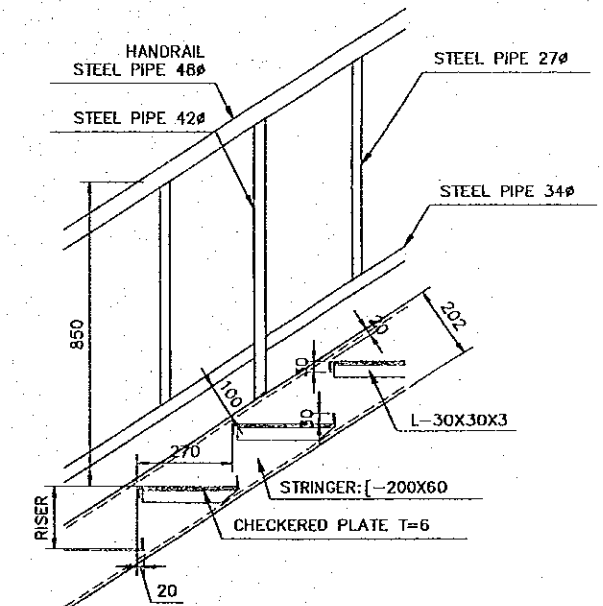
STAIRCASE PLAN
SCALE 1:50



SIDE VIEW
SCALE 1:50

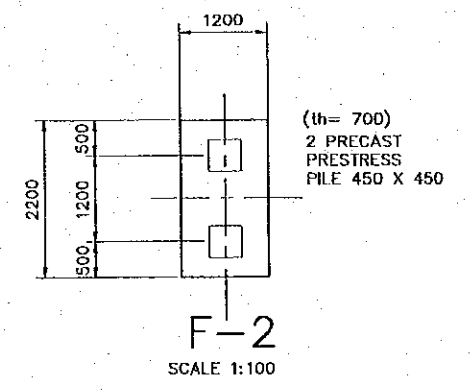
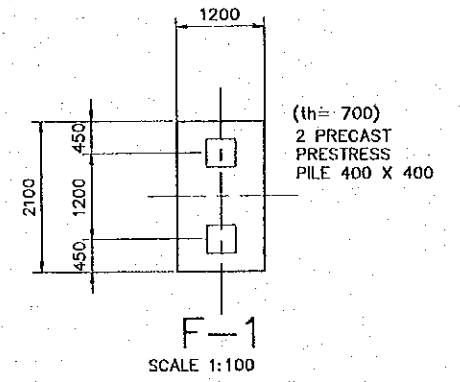
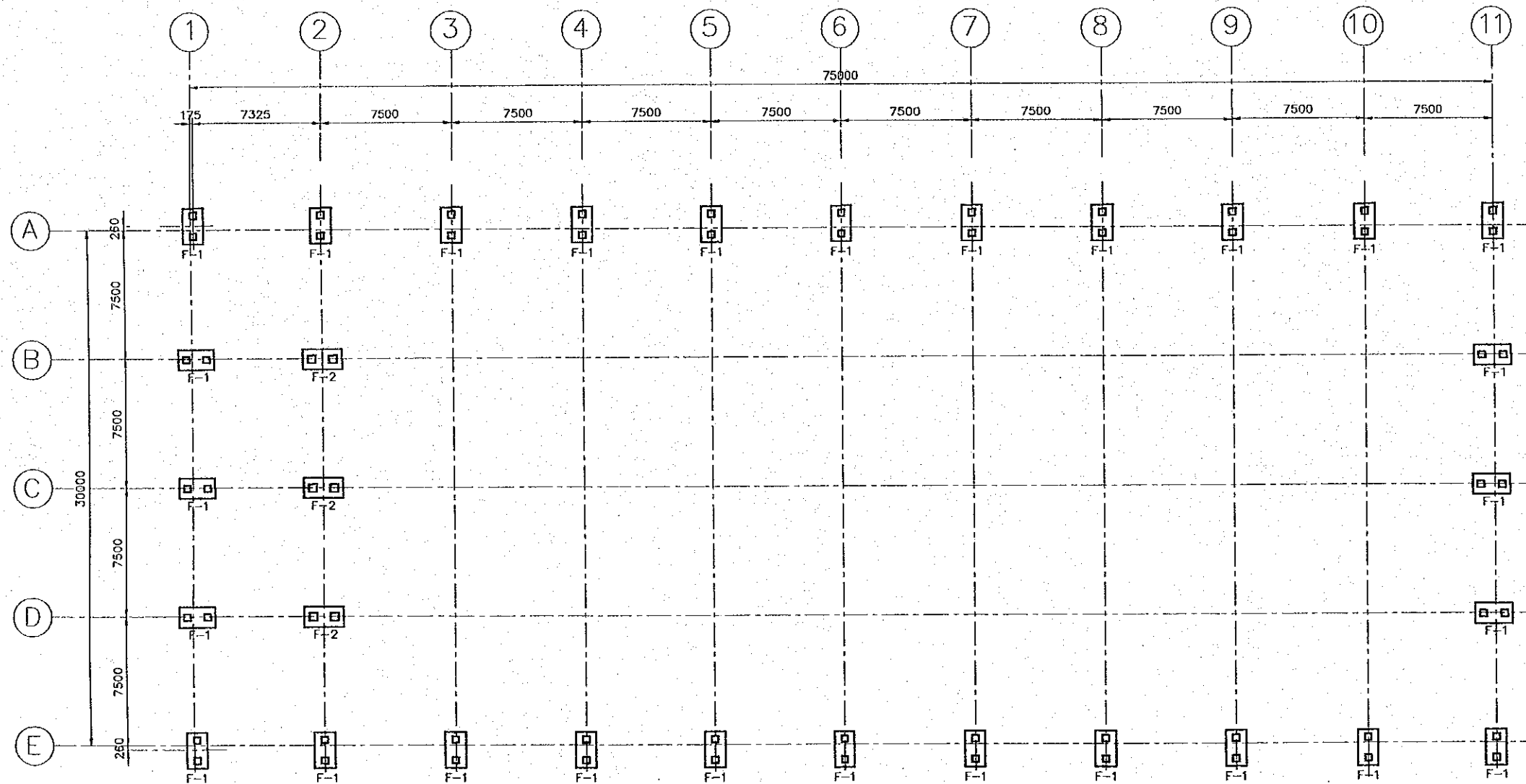


SECTION A-A
SCALE 1:50



DETAIL "A"
SCALE 1:20

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 FREIGHT STATION (C.F.S.)	SCALE : 1:50	
					APPROVED BY :			TITLE : STAIR CASE DETAIL	DRAWING NO. : BD-02-017	



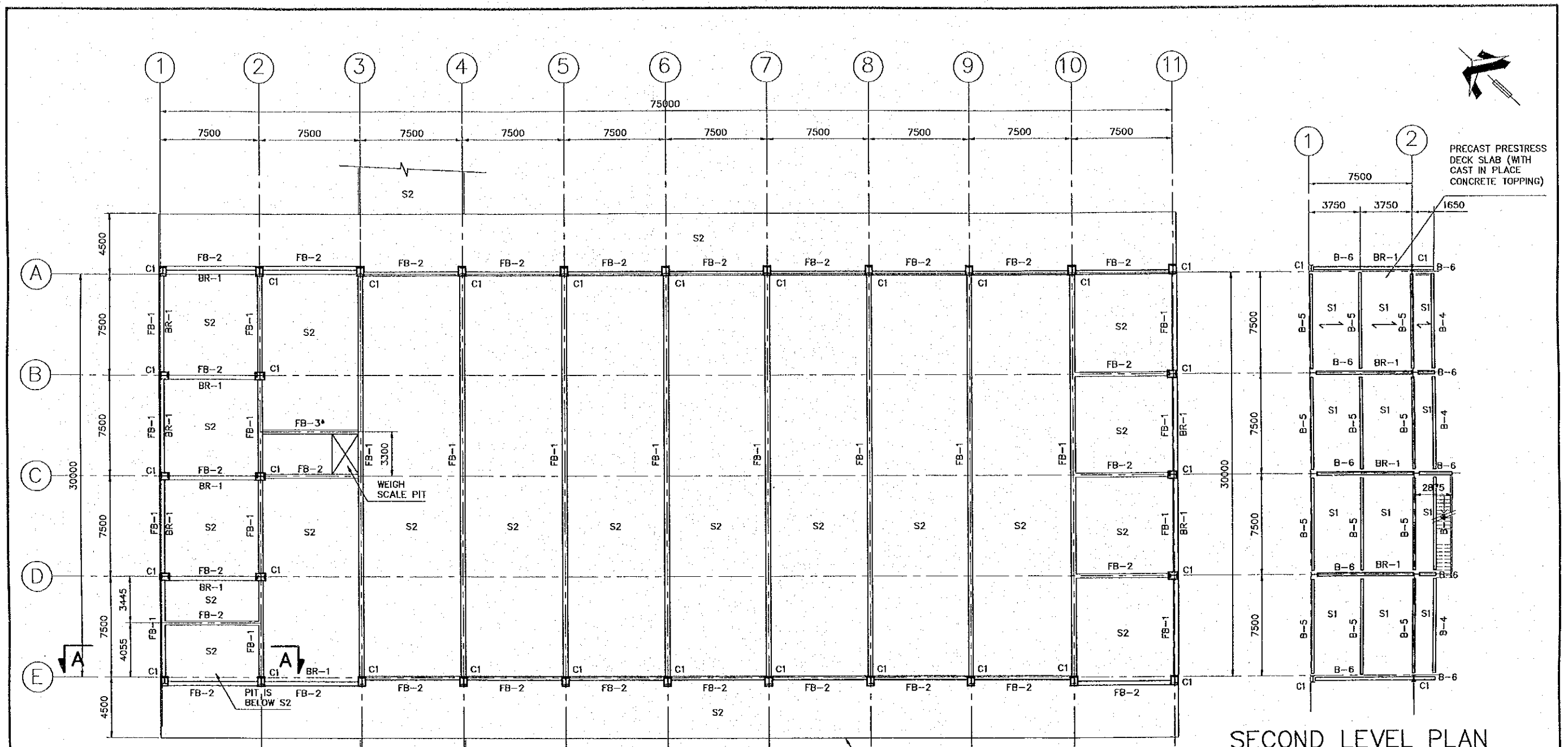
STRUCTURE PILE FOUNDATION PLAN

SCALE 1:300

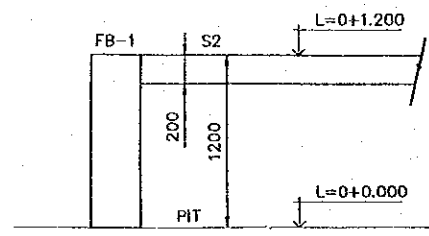
TOP OF FOUNDATION LEVEL

F-1 L=0-0.500
F-2 L=0-0.000

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 FREIGHT STATION (C.F.S.)	SCALE : INDICATED
								APPROVED BY :	TITLE : STRUCTURAL PILE FOUNDATION PLAN	DRAWING NO. : BD-02-018



SECOND LEVEL PLAN
SCALE 1:300



SECTION A-A
SCALE 1:50

NOTE:
FB-3 BEAM IS PROVISIONAL AND SHALL BE DESIGNED FOR THE WEIGH SCALE SYSTEM PROVIDED.

FOUNDATION PLAN
SCALE 1:300

- FB: FOUNDATION BEAM**
FB-1 IS 1200 x 350
FB-2 IS 1200 x 300
FB-3 IS 900 x 300
- C: COLUMN**
C1 IS W 18x86
- B: BEAM**
B-4 IS W10x54
B-5 IS W14x61
B-6 IS W18x55
- S: SLAB**
S1 THICKNESS 200, PRECAST SLAB
S2 THICKNESS 200, REINFORCED CONCRETE

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

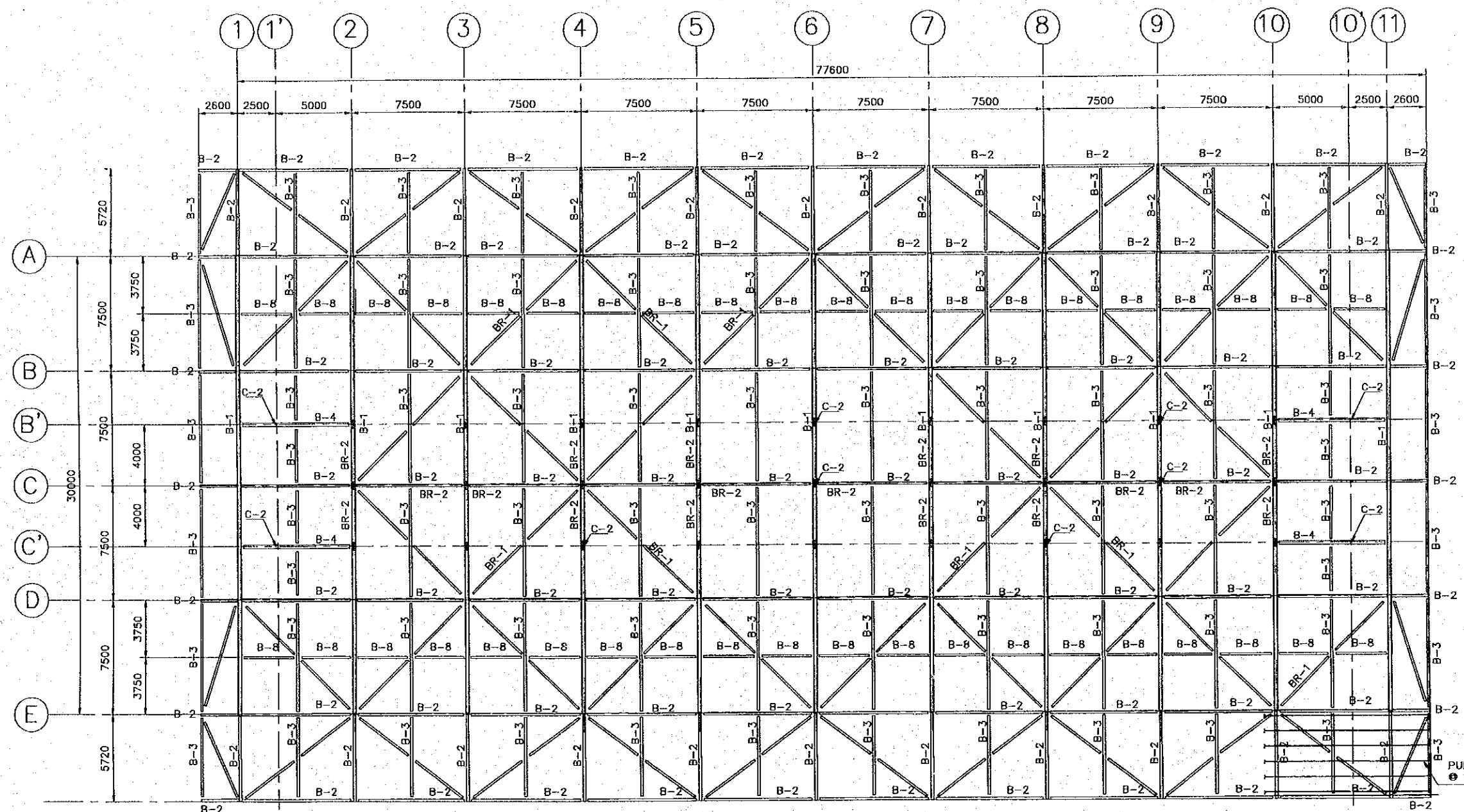
JICA
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
CEPA
COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

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 :

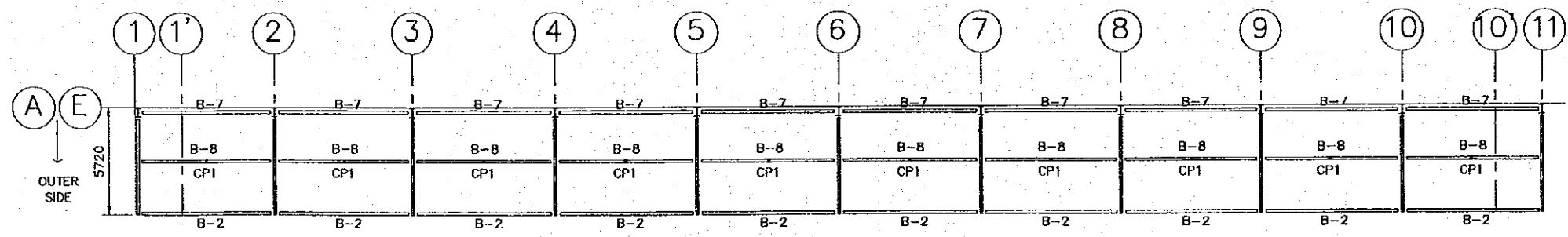
SECTION : BUILDING WORK
SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
TITLE : STRUCTURAL FIRST AND SECOND PLAN

DATE : OCTOBER/2002
SCALE : INDICATED
DRAWING NO. : BD-02-019



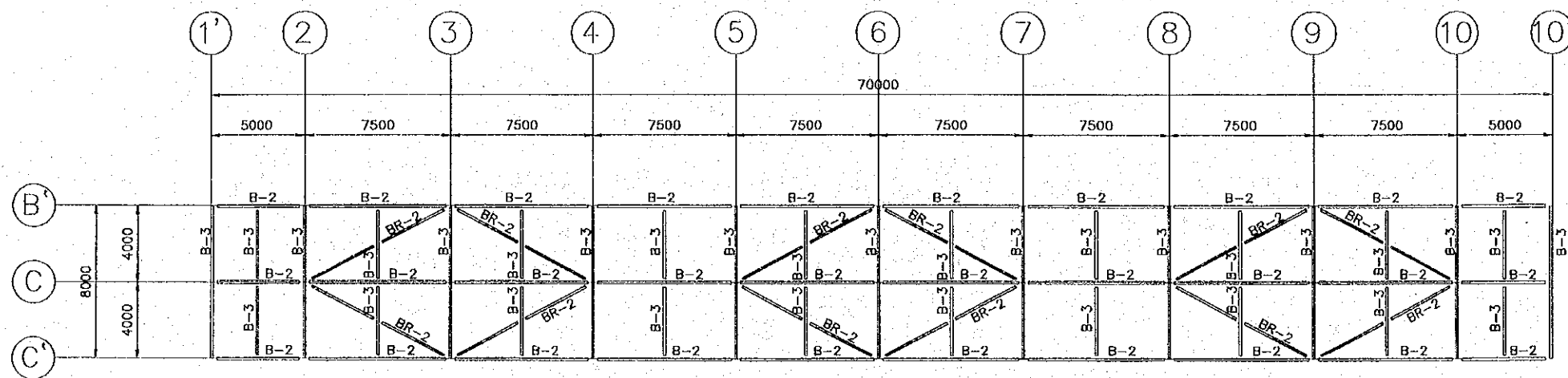
- NOTES**
1. B-1 IS W 12x58
 2. B-2 IS W 10x30
 3. B-3 IS W 8x31
 4. B-4 IS W 10x54
 5. B-7 IS W 8x28
 6. B-8 IS W 6x15
 7. ALL COLUMNS INDICATED ARE C-2 (W8x31), FOR THE SKYLIGHT ROOF
 8. ALL DIAGONAL ELEMENTS INDICATED ARE BR-1 (L5"x5"x5/8")
 9. BR-2 IS L4"x4"x3/8"

STRUCTURAL ROOF PLAN
SCALE 1:300



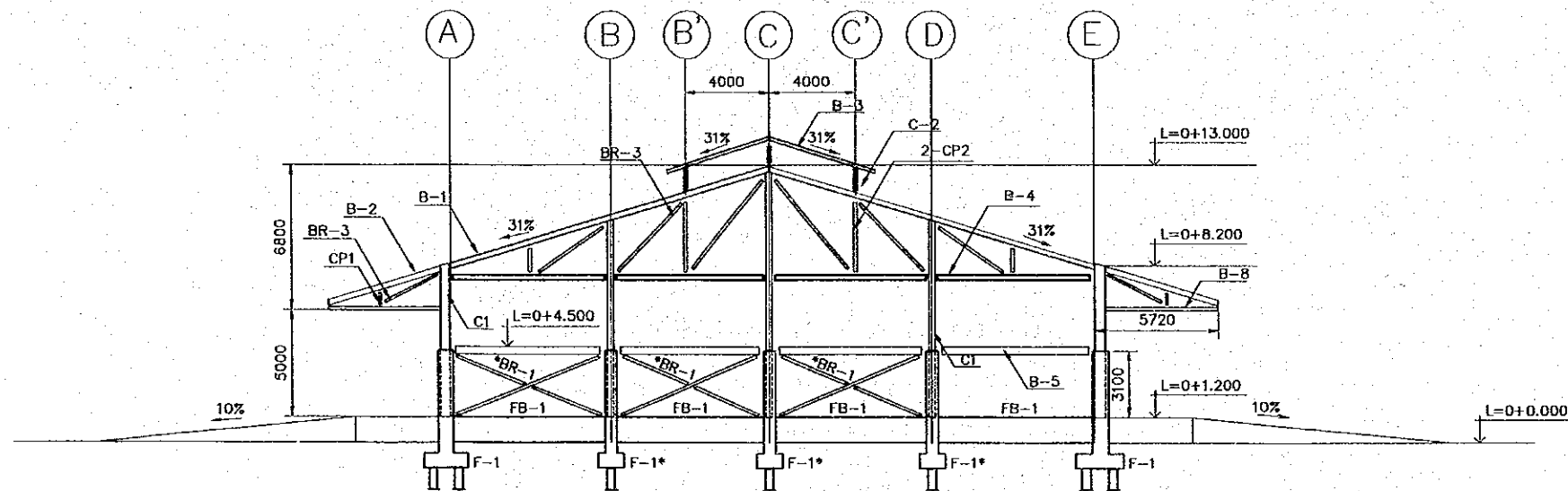
L=0+6.200 LEVEL PLAN
SCALE 1:300

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	<p>JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p> <p>CEPA COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)</p>	<p>NIPPON KOEI CO., LTD.</p>	DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)	SCALE : 1 : 300
								APPROVED BY :	TITLE : STRUCTURAL ROOF PLAN	DRAWING NO. : BD-02-020



- NOTES:
1. B-3 CORRESPONDS TO W8x31
 2. B-2 CORRESPONDS TO W10x30
 3. BR-1 CORRESPONDS TO L5"x5"x5/8"
 4. BR-2 CORRESPONDS TO L4"x4"x3/8"
 5. BR-3 CORRESPONDS TO L5"x5"x1/2"

BRACING SYSTEM FOR SKYLIGHT ROOF
SCALE 1:300

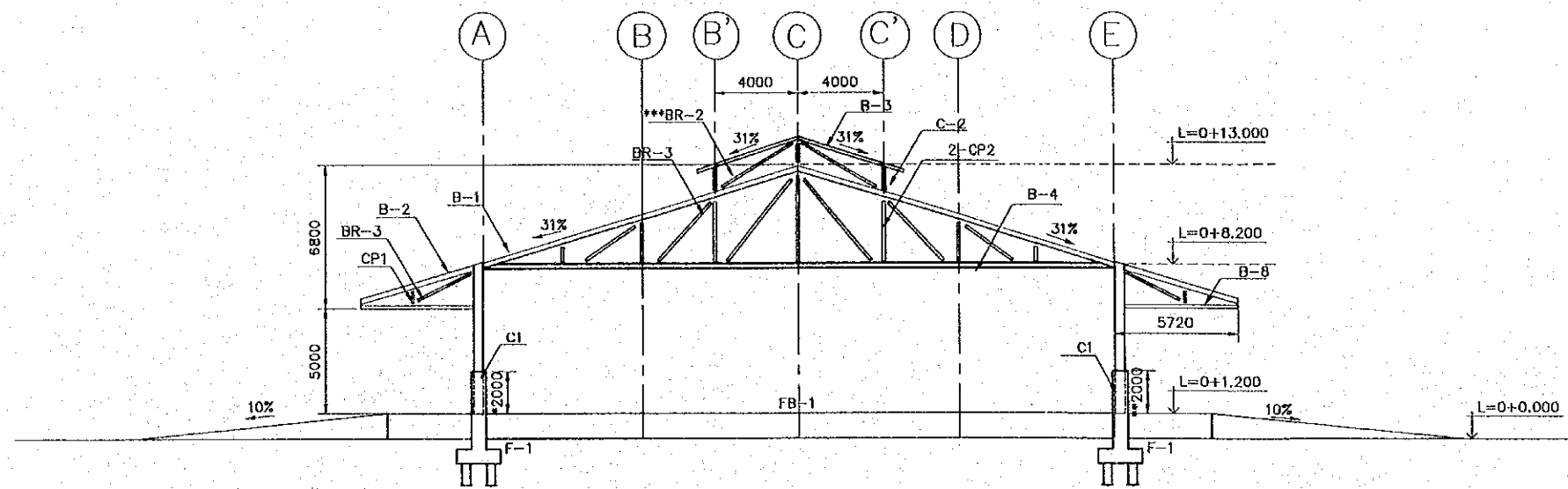


1, 2-AXIS SECTION
SCALE 1:300

*F-2 FOR AXIS 2 ONLY
*BR-1 FOR AXIS 1 ONLY

FOR DIMENSIONS SEE STEEL MEMBER
SCHEDULE IN DRAWING No. BD-02-026

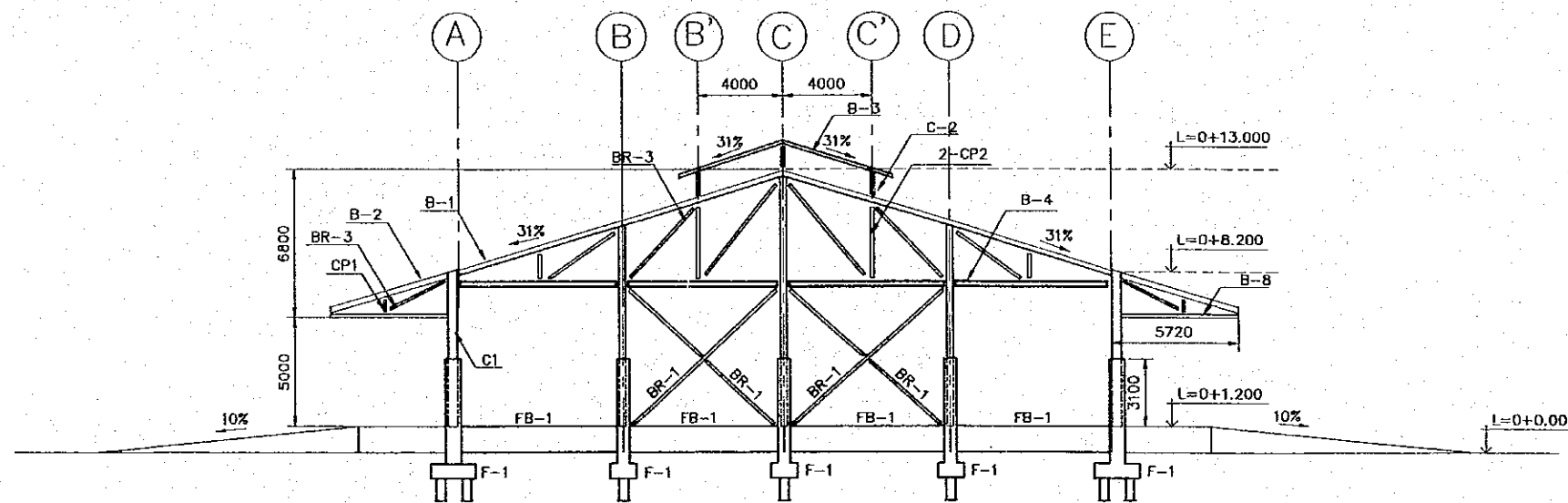
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)	SCALE : 1 : 300
								APPROVED BY :	TITLE : STRUCTURAL SKYLIGHT ROOF PLAN AND SECTION 01	DRAWING NO. : BD-02-021






3 TO 10-AXIS SECTION
SCALE 1:300

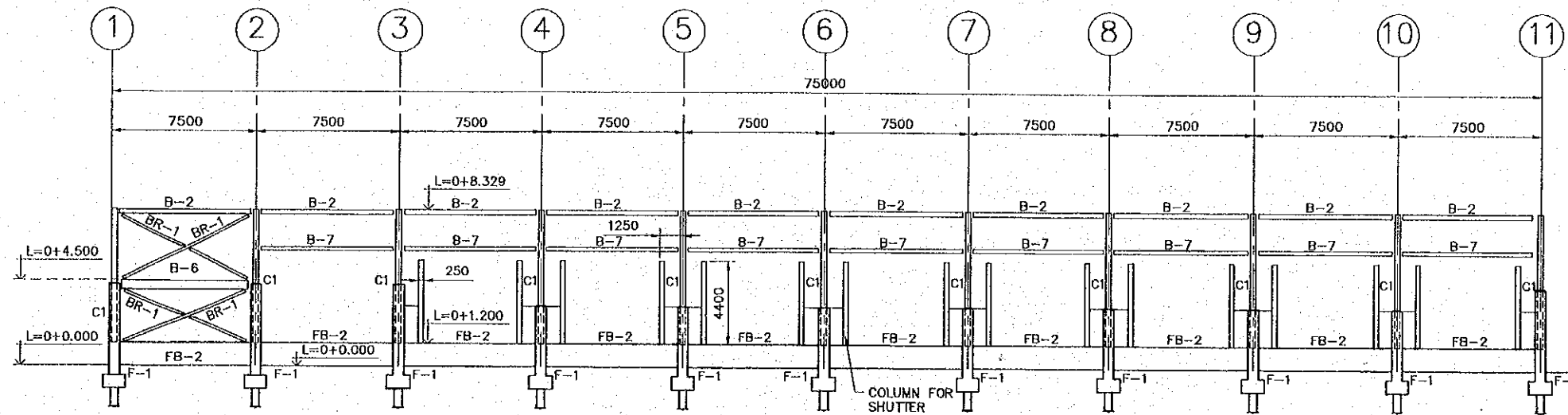
*3100 FOR AXIS 3
**3100 FOR 3 AND 10 AXIS
***BR-2 FOR 2,4,5,7,8 AND 10 AXIS

FOR DIMENSIONS SEE
STEEL MEMBER SCHEDULE IN
DRAWING No. BD-02-026



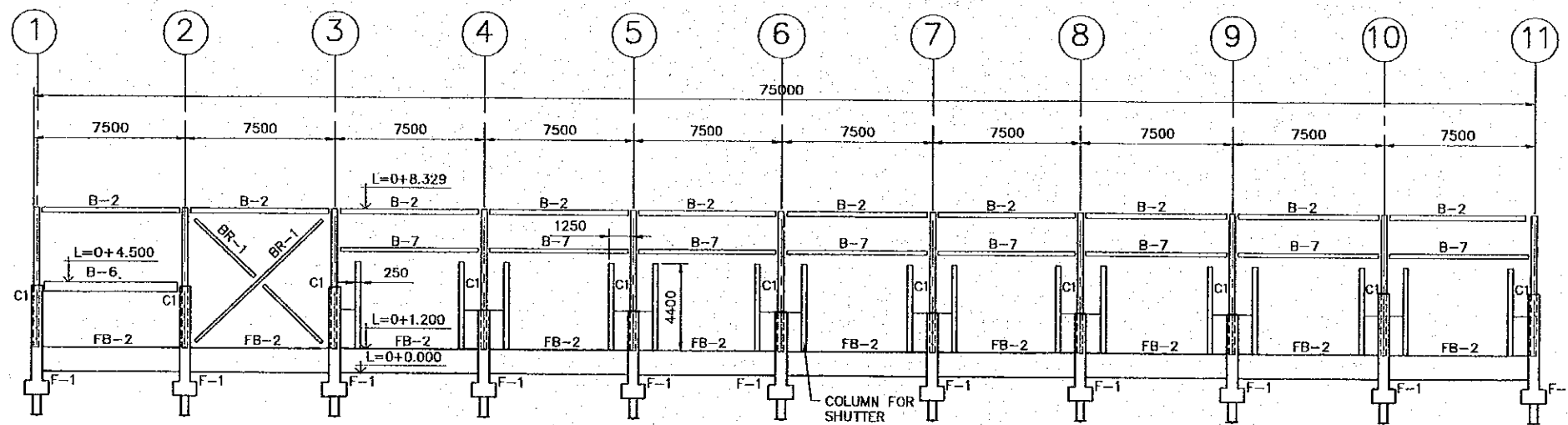
11-AXIS SECTION
SCALE 1:300

 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)			THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR			DESIGNED BY : CHECKED BY : APPROVED BY :		SECTION : BUILDING WORK SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.) TITLE : STRUCTURAL SECTION-02		DATE : OCTOBER/2002 SCALE : 1 : 300 DRAWING NO. : BD-02-022	
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)			 NIPPON KOEI CO., LTD.								
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE						



FRAME SYSTEM FOR A - AXIS COLUMNS

SCALE 1:300

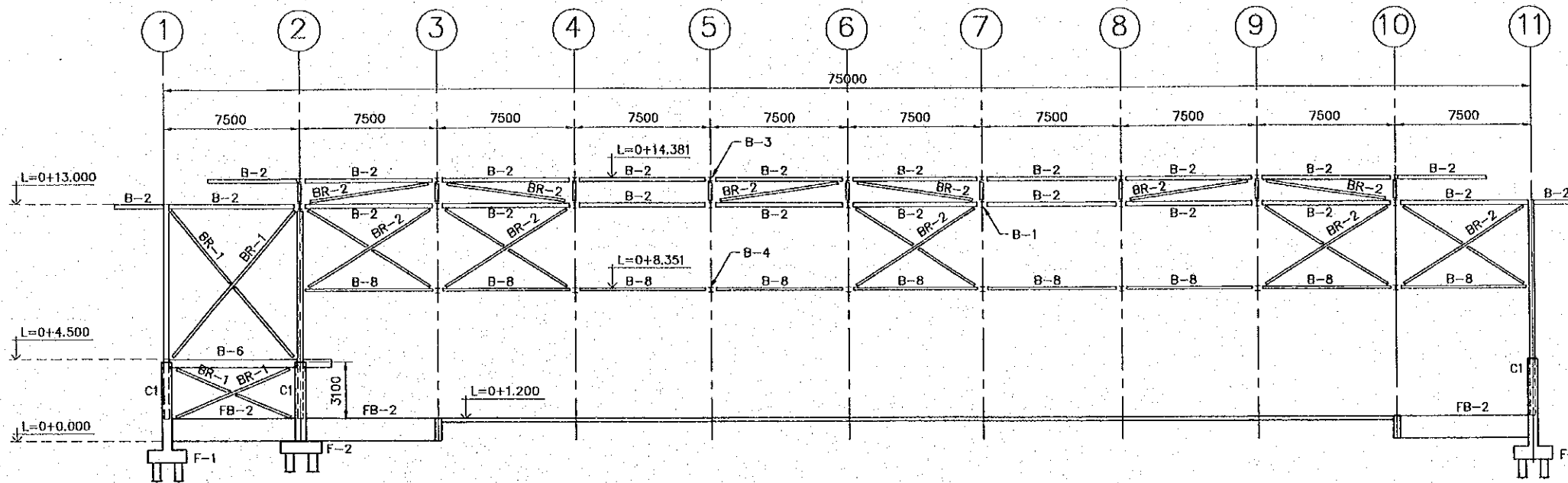


FRAME SYSTEM FOR E - AXIS COLUMNS

SCALE 1:300

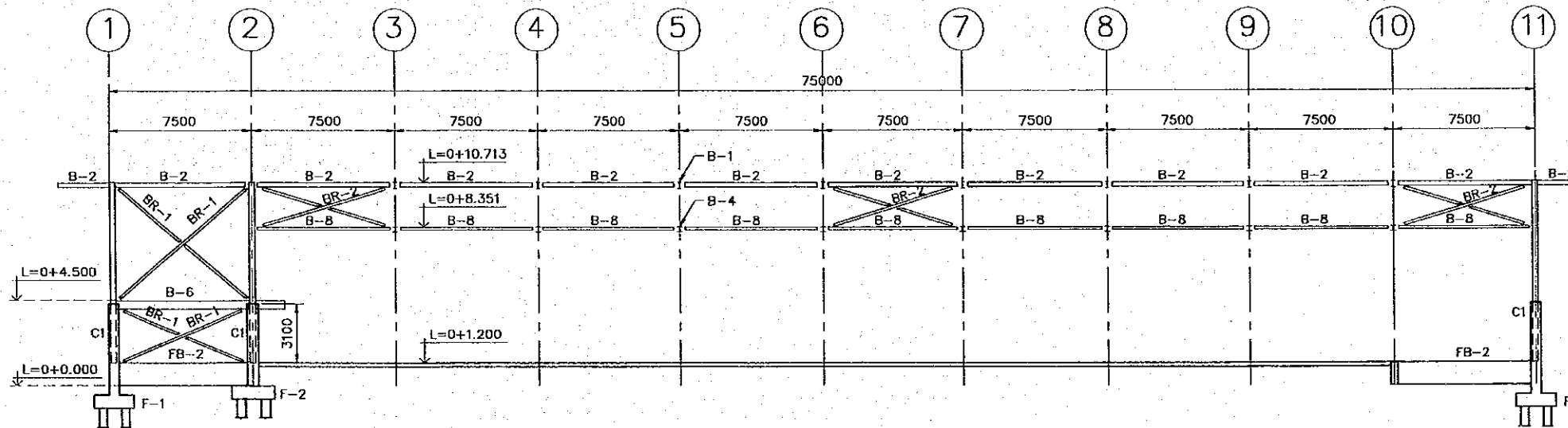
C1 CORRESPONDS TO W 18 x 86
 B-2 CORRESPONDS TO W 10 x 30
 B-6 CORRESPONDS TO W 18 x 55
 B-7 CORRESPONDS TO W 8 x 28
 BR-1 CORRESPONDS TO L 5"x5"x5/8"
 SHUTTER COLUMN IS REINFORCED CONCRETE
 250X300, SEE RC DETAIL IN DWG. BD-02-027

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 FREIGHT STATION (C.F.S.) TITLE : STRUCTURAL SECTION-03	DATE : OCTOBER/2002
								CHECKED BY :		SCALE : 1 : 300
						APPROVED BY :	DRAWING NO. : BD-02-023			



FRAME SYSTEM FOR C - AXIS COLUMNS

SCALE 1:300



FRAME SYSTEM FOR B, D - AXIS COLUMNS

SCALE 1:300

C1 CORRESPONDS TO W 18 x 86
 B-2 CORRESPONDS TO W 10 x 30
 B-6 CORRESPONDS TO W 18 x 55
 B-7 CORRESPONDS TO W 8 x 28
 BR-1 CORRESPONDS TO L 5"x5"x5/8"
 BR-2 CORRESPONDS TO L 4"x4"x3/8"

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 :

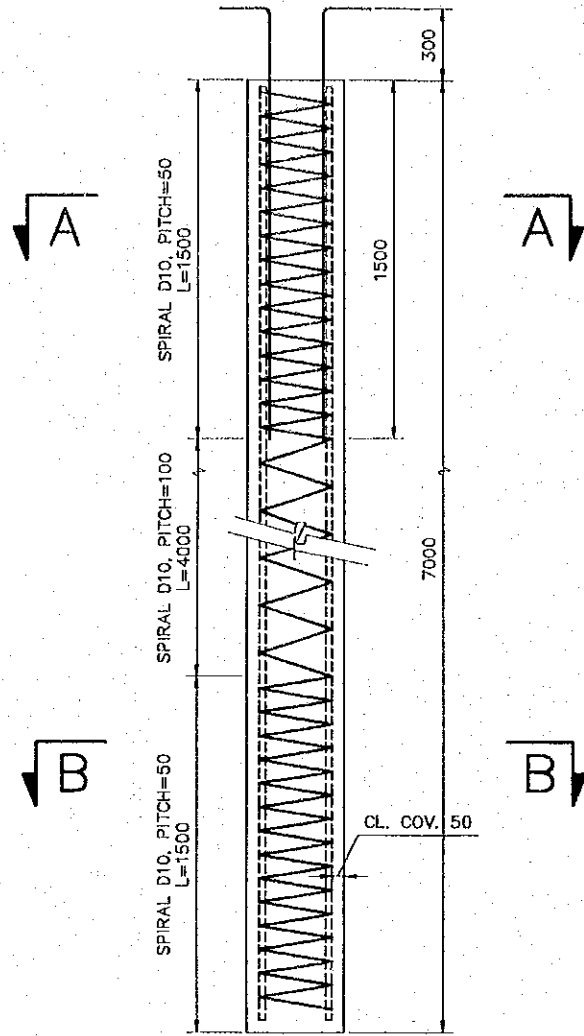
APPROVED BY :

SECTION : BUILDING WORK
 SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
 TITLE : STRUCTURAL SECTION-04

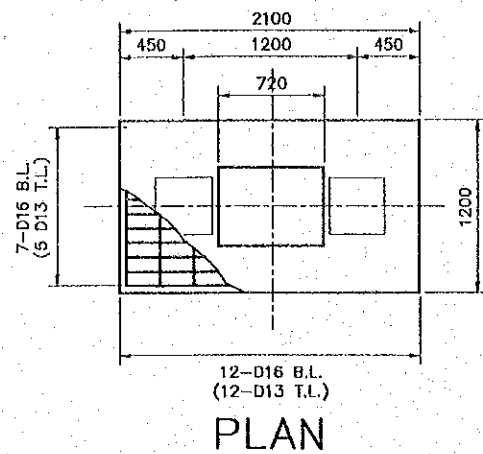
DATE : OCTOBER/2002

SCALE : 1 : 300

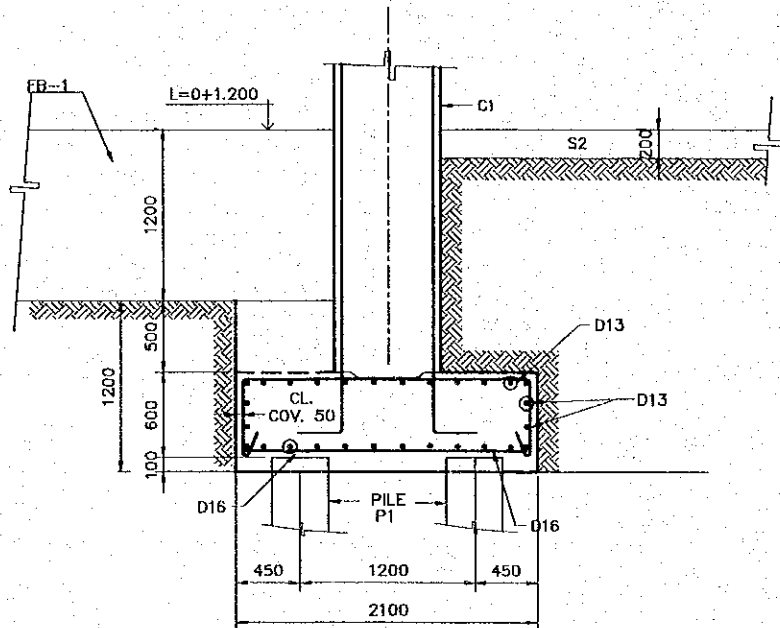
DRAWING NO. :
 BD-02-024



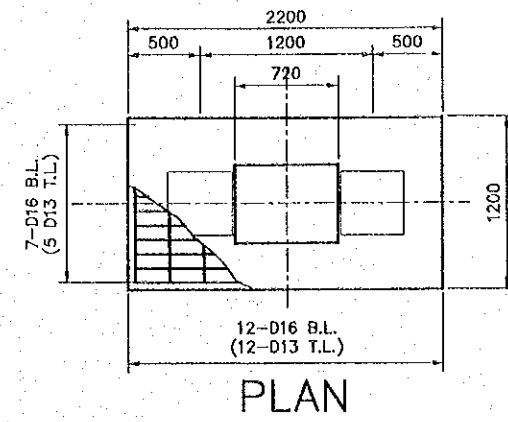
P1, P2
PRECAST PRESTRESS PILE
SCALE 1:30



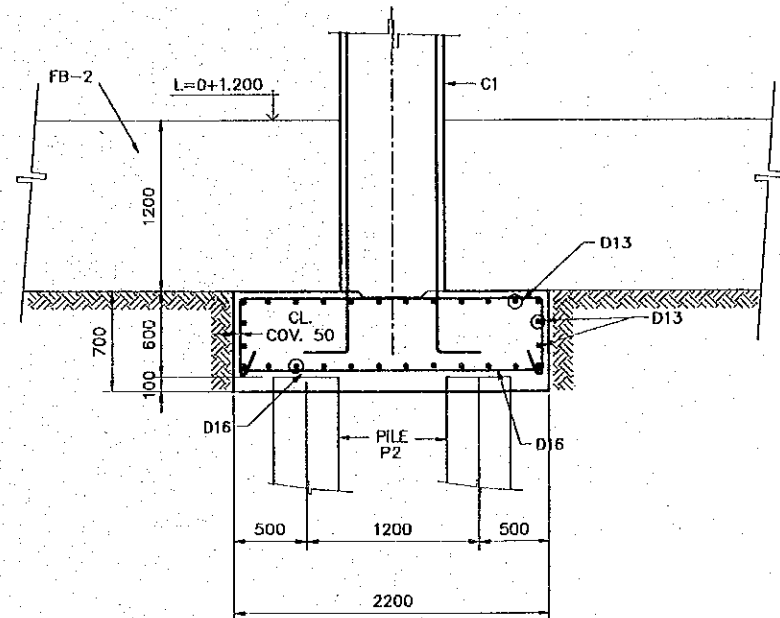
PLAN
SCALE 1:50



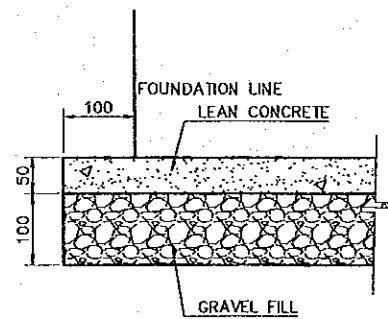
ELEVATION
F-1 FOUNDATION
SCALE 1:50



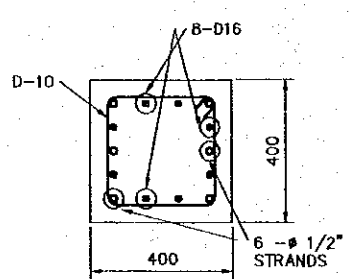
PLAN
SCALE 1:50



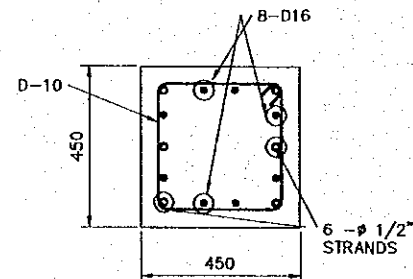
ELEVATION
F-2 FOUNDATION
SCALE 1:50



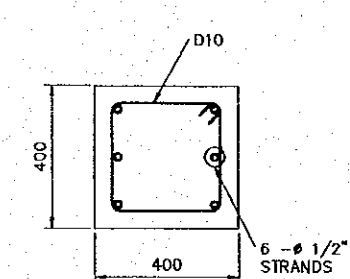
FOUNDATION BEDDING
SCALE 1:10



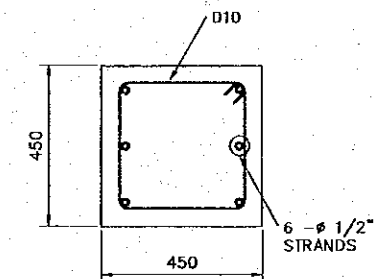
P1
SECTION A-A
SCALE 1:20



P2
SECTION A-A
SCALE 1:20



P1
SECTION B-B
SCALE 1:20

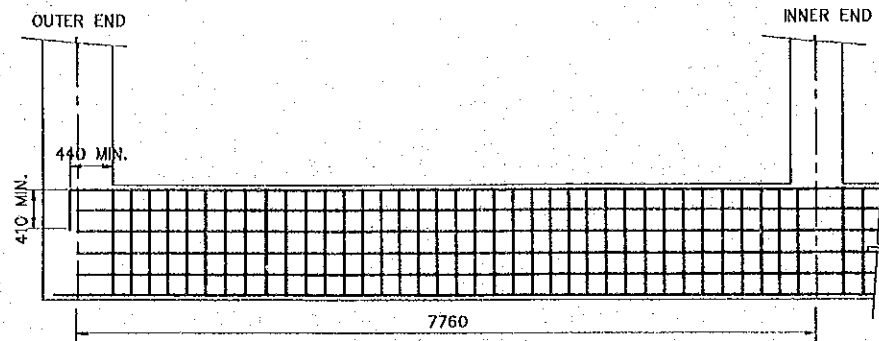


P2
SECTION B-B
SCALE 1:20

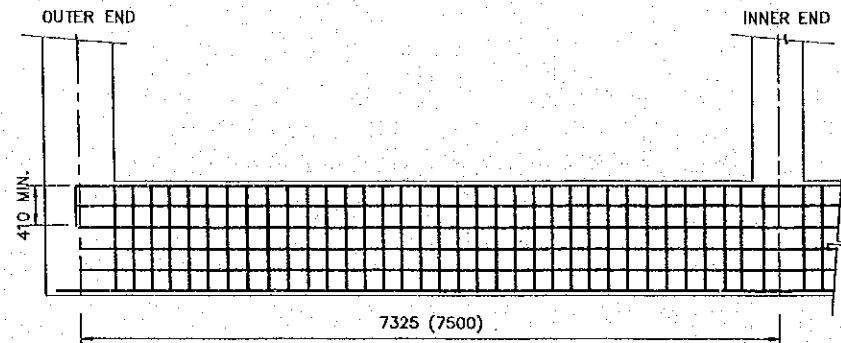
PILE	BEARING CAPACITY (TON)
P1	80.60
P2	101.90

PILE BEARING CAPACITY

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 : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY:	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)	SCALE : INDICATED
								APPROVED BY:	TITLE : STRUCTURAL PILE AND FOUNDATION SCHEDULE	DRAWING NO. : BD-02-025



FB-1 ELEVATION
SCALE 1:75

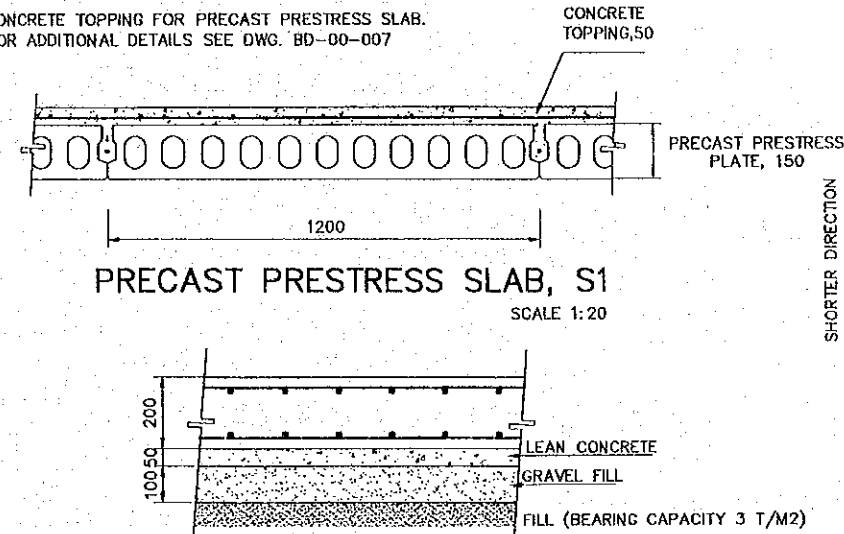


FB-2 ELEVATION
SCALE 1:75

NOTE:
THERE IS NO INNER END FOR FB-1 FROM 3 TO 10-AXIS.

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*	50	BOTTOM	D10@250	D10@250	D10@250	D10@250	D10@250	D10@250	D10@250	D10@250	D10@250
S2	200	TOP	D16@150	D16@150	D16@150	D16@150	D13@250	D13@250	D13@250	D13@250	D13@250
		BOTTOM	D13@150	D13@150	D13@150	D13@150	D13@250	D13@250	D13@250	D13@250	D13@250

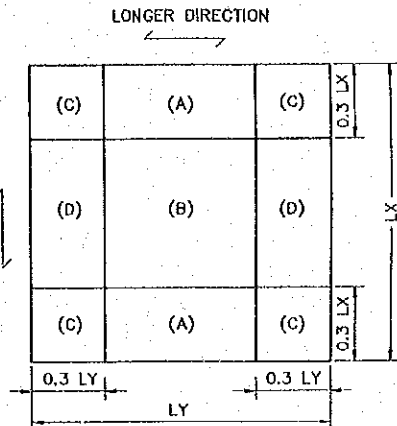
* CONCRETE TOPPING FOR PRECAST PRESTRESS SLAB.
FOR ADDITIONAL DETAILS SEE DWG. BD-00-007



PRECAST PRESTRESS SLAB, S1
SCALE 1:20

SLAB S2 BEDDING
SCALE 1:10

SLAB SCHEDULE



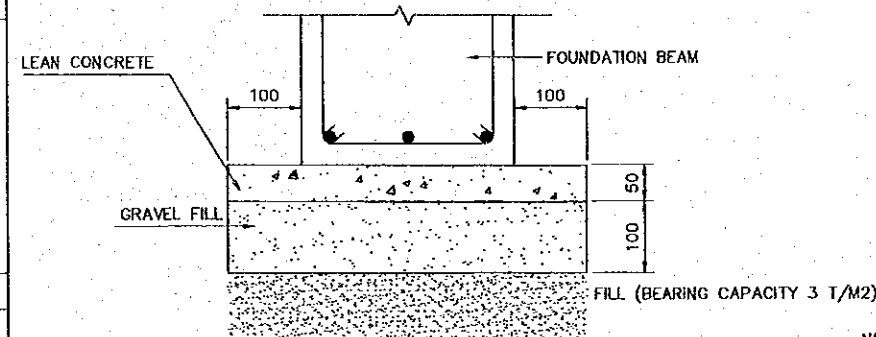
MARK	MEMBER	PIN CONNECTIONS
C1	W18X86	
C2	W8X31	PL9, 2-7/8"
CP1	C6X10.5	*
CP2	C10X30	*
B-1	W12X58	-
B-2	W10X30	PL9, 4-7/8"
B-3	W8X31	PL9, 2-7/8"
B-4	W10X54	-
B-5	W14X61	PL12, 3-7/8"
B-6	W18X55	PL12, 5-7/8"
B-7	W8X28	PL9, 2-7/8"
B-8	W6X15	PL6, 2-3/4"
BR-1	L5"X5/8"	*
BR-2	L4"X3/8"	*
BR-3	L5"X1/2"	*

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

MARK	FB-1		
	OUTER END	CENTER	INNER END
SECTION			
B x D	350 X 1200		
TOP BAR	3-D25	3-D25	3-D25
BOTTOM BAR	3-D25	3-D25	3-D25
STIRRUP	D13@200		
WEB BAR	8-D10		
TIE	D10 @ 1000		

MARK	FB-2, FB-3		
	OUTER END	CENTER	INNER END
SECTION			
B x D	300 X 1200 (300 X 900)		
TOP BAR	3-D25	3-D25	3-D25
BOTTOM BAR	3-D25	3-D25	3-D25
STIRRUP	D13@200		
WEB BAR	8-D10 (4-D10)		
TIE	D10 @ 1000		

() INDICATES FB-3

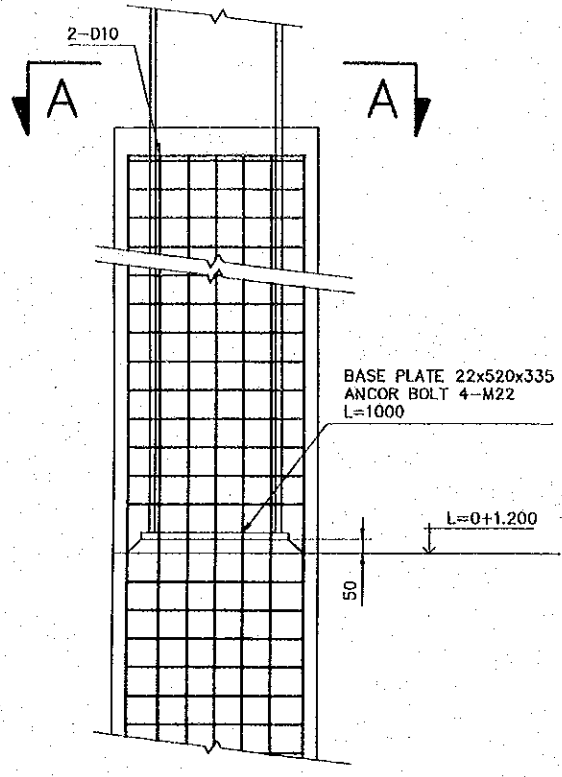


FOUNDATION BEAM BEDDING
SCALE 1:10

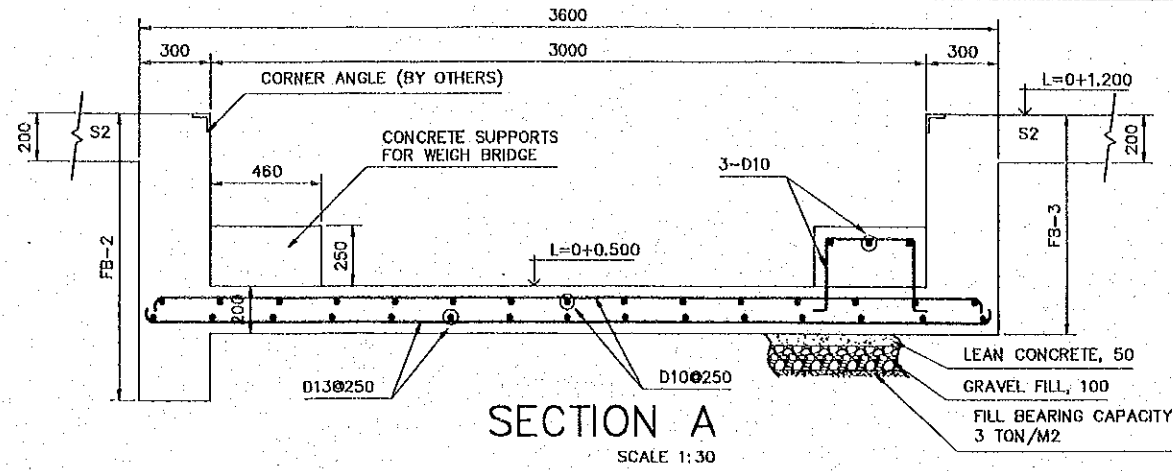
FOUNDATION BEAM SCHEDULE

STEEL MEMBER SCHEDULE

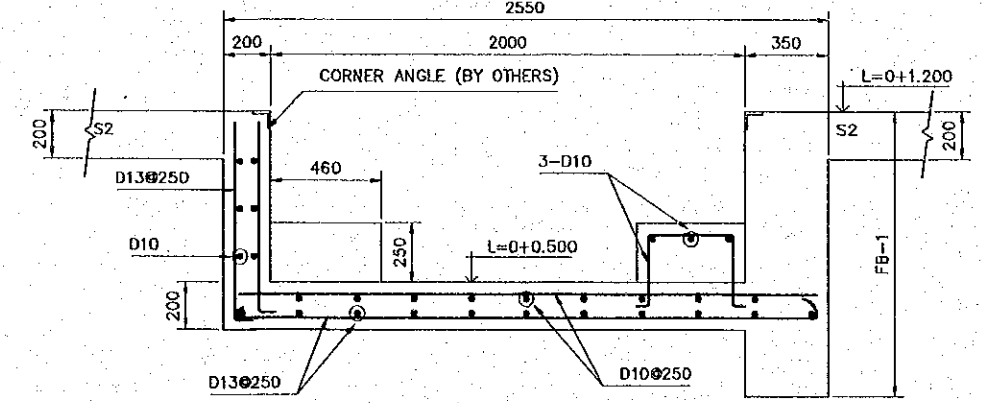
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
								CHECKED BY :	SUB-SECTION :	OCTOBER/2002
								TITLE :	STRUCTURAL FOUNDATION BEAM, COLUMN, BEAM AND SLAB SCHEDULE	SCALE :
								APPROVED BY :		INDICATED
										DRAWING NO. : BD-02-026



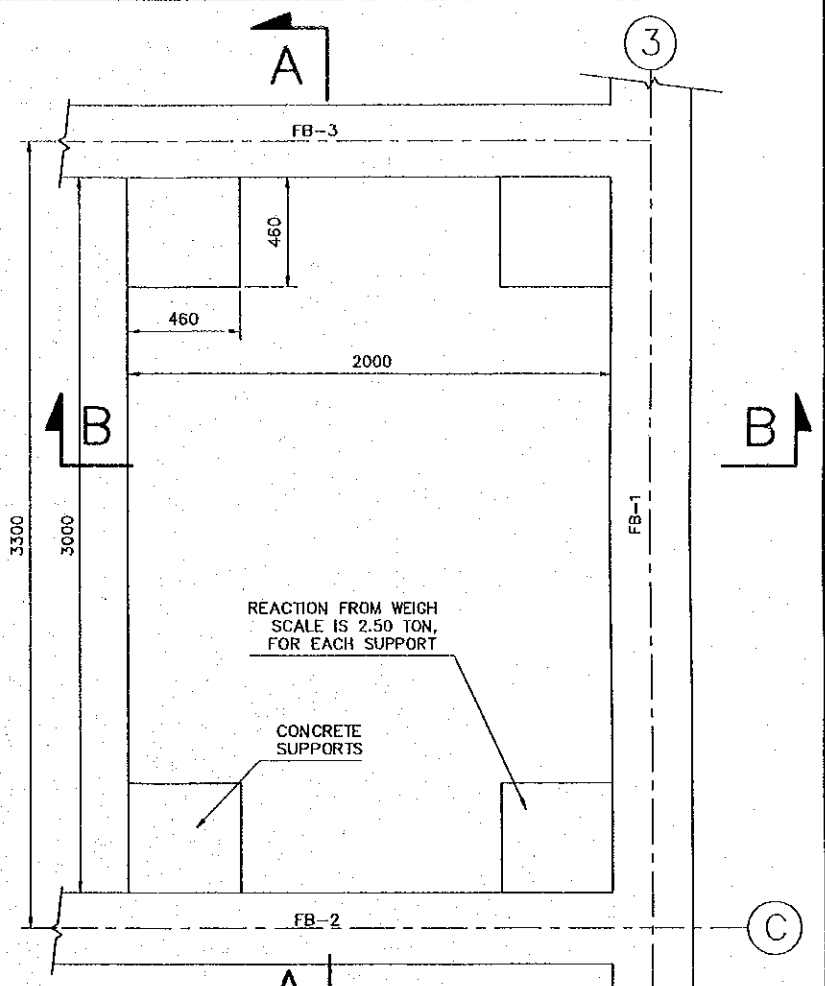
COVER CONCRETE DETAIL
SCALE 1:25



SECTION A
SCALE 1:30



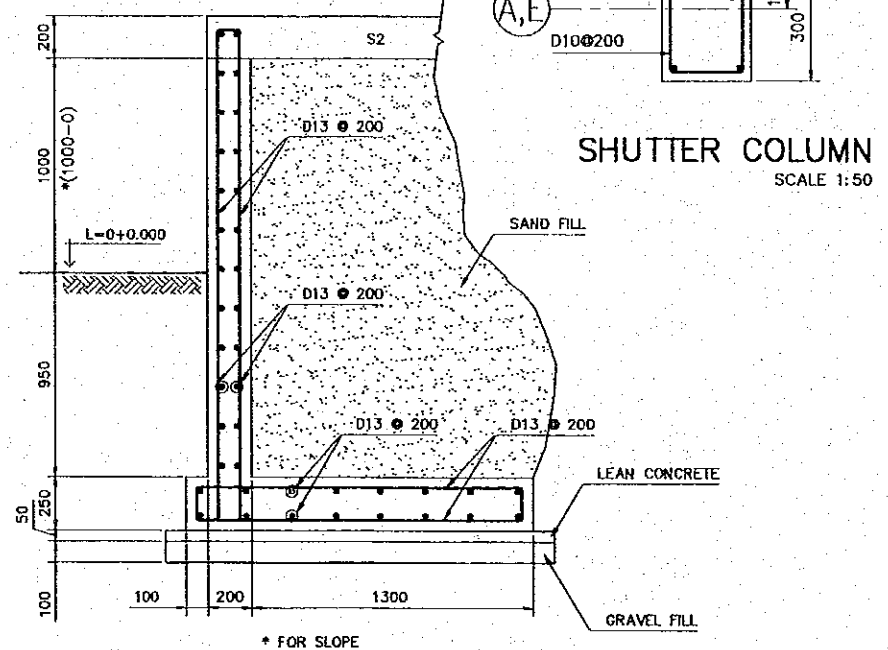
SECTION B
SCALE 1:30



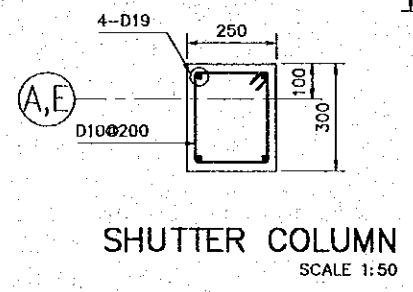
WEIGH SCALE PIT PLAN
SCALE 1:30

MARK	C1		
	1 AXIS - A & E AXIS	11 AXIS - A & E AXIS	OTHERS
SECTION			
B x D	635 X 720	635 X 720	550 X 720
MAIN BAR	22-D22	22-D22	22-D22
HOOP	D10 @ 100	D10 @ 100	D10 @ 100
STUD	4#16 @ 200, h=80.00	4#16 @ 200, h=80.00	4#16 @ 200, h=80.00

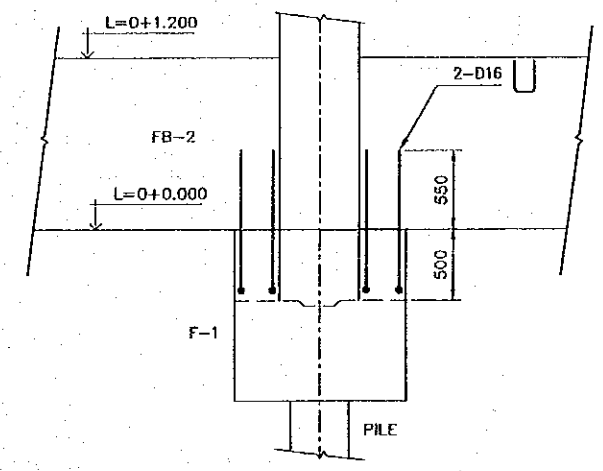
SECTION A



DETAIL FOR PLATFORM
SCALE 1:30

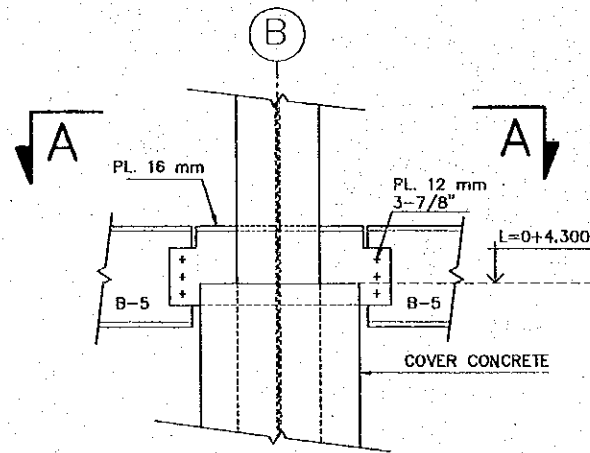
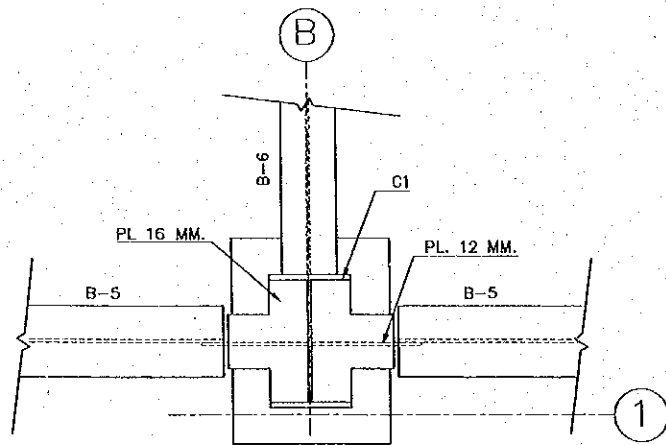
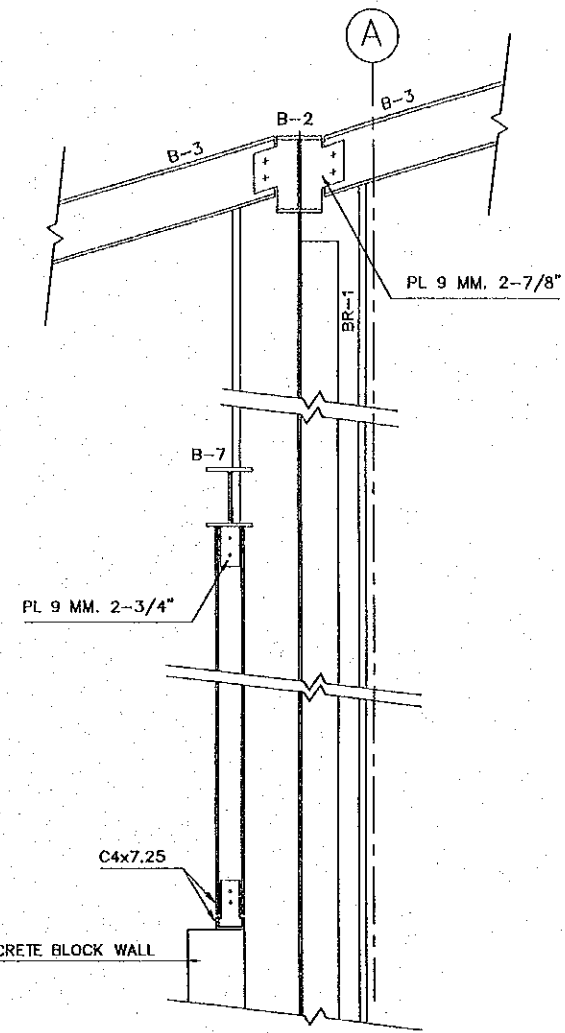
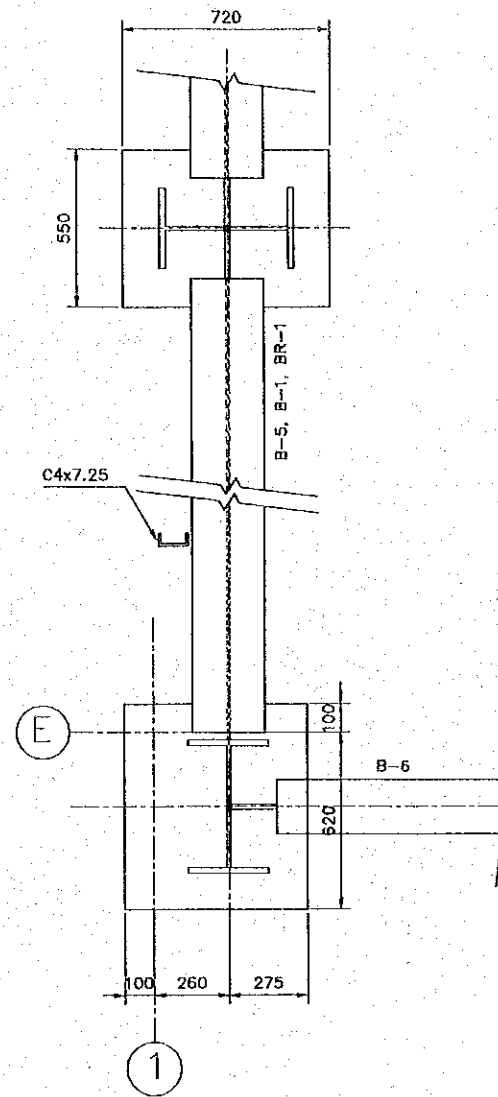
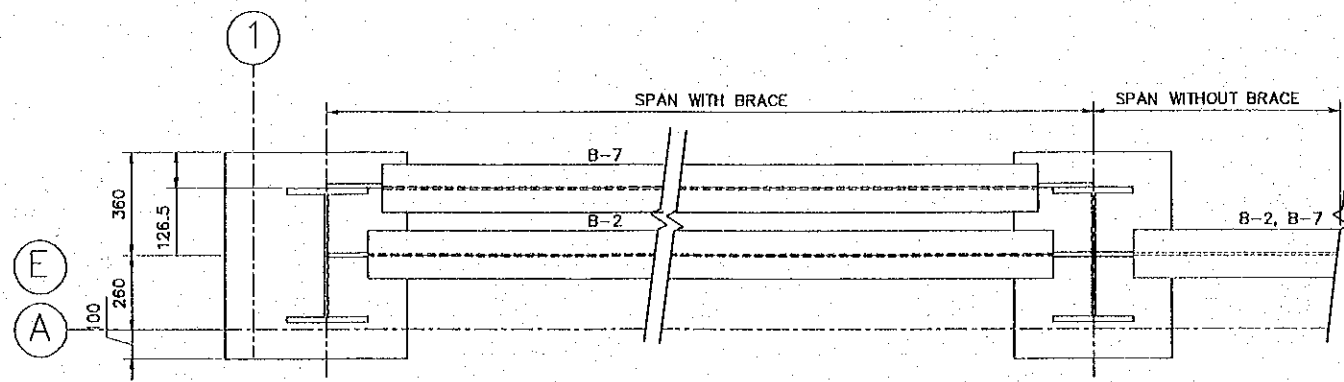


SHUTTER COLUMN
SCALE 1:50



REINFORCEMENT FOR FOUNDATION BEAM AND FOUNDATION CONNECTION
SCALE 1:50

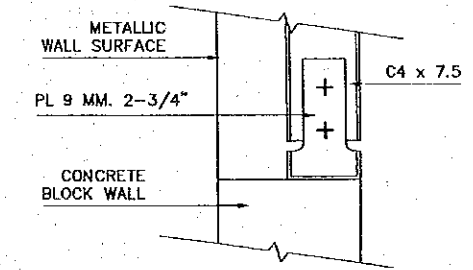
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)	SCALE : INDICATED
								APPROVED BY :	TITLE : STRUCTURE RC DETAIL	DRAWING NO. : BD-02-027



SECTION A-A
SCALE 1:25

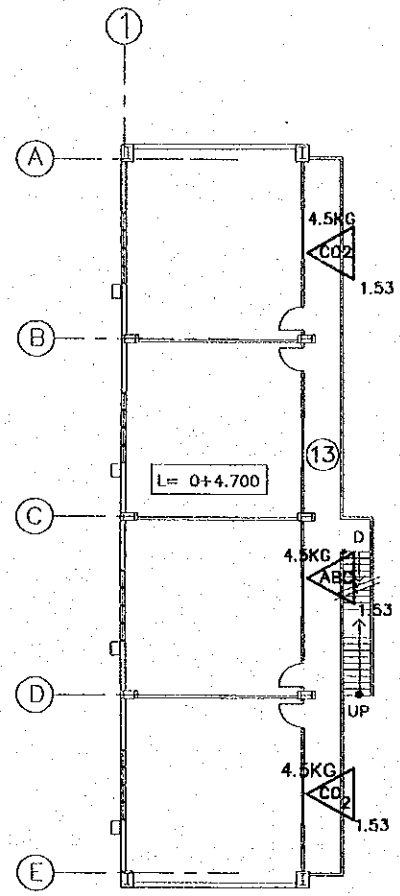
2ND FLOOR
1-B,C,D AXIS DETAIL
SCALE 1:25

- NOTE:
1. ALL IS FILLET WELDING
 2. PURLIN FOR STEEL WALL IS C4"x1/16" @ 1000



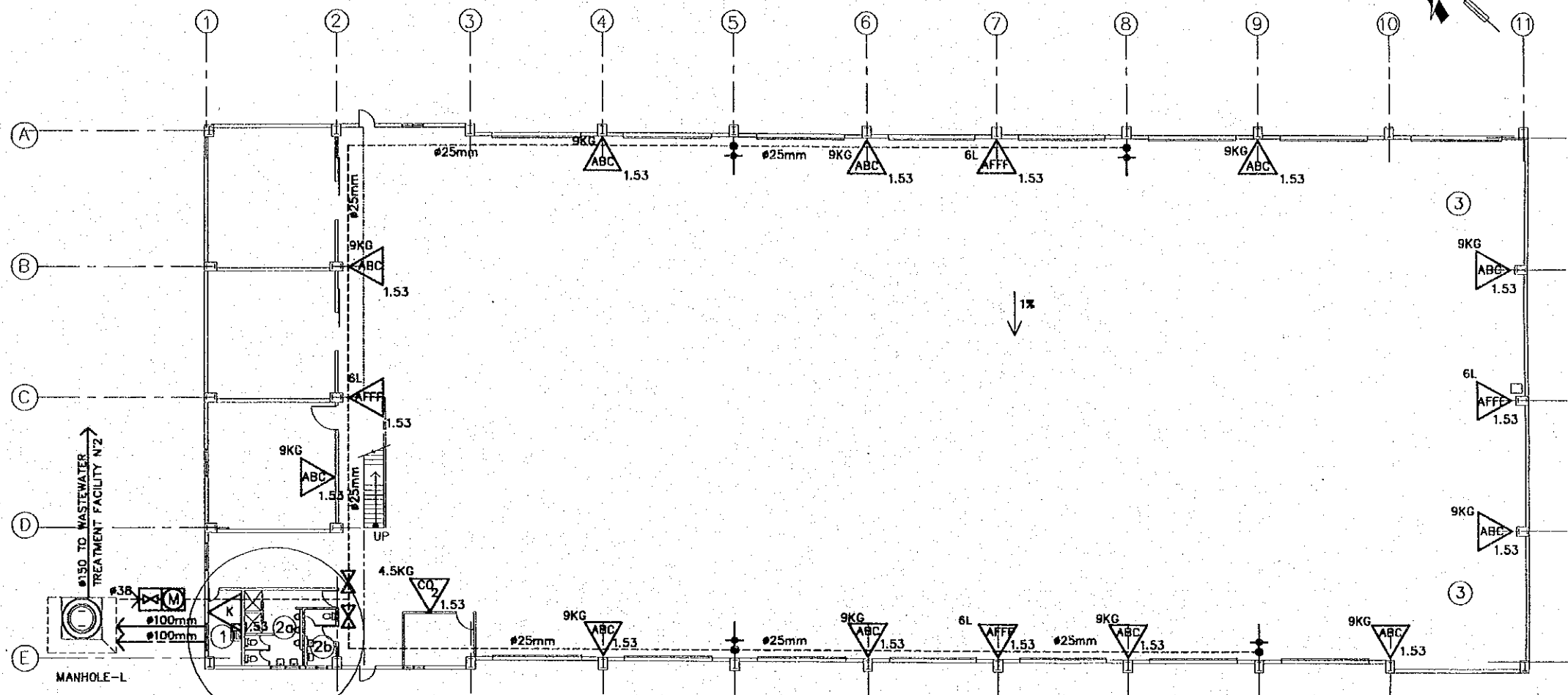
STUD DETAIL
(CENTER OF EACH WALL)
SCALE 1:10

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 :	SECTION : BUILDING WORK	DATE : OCTOBER/2002
								CHECKED BY :	SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)	SCALE : INDICATED
								APPROVED BY :	TITLE : STRUCTURE STEEL DETAIL-02	DRAWING NO: BD-02-029



PLUMBING SYSTEM AND
FIRE FIGHTING SYSTEM
MEZZANINE FLOOR

SCALE 1:300



PLUMBING SYSTEM AND FIRE FIGHTING SYSTEM LAYOUT
FIRST FLOOR

SCALE 1:300

NOTES

- 1) SEWERAGE/WASTE PIPES TO BE PVC
- 2) WATER SUPPLY PIPES TO BE PVC
- 3) FIRE FIGHTING SYSTEM PIPES TO BE GALVANIZED IRON

ROOM LIST

- ① KITCHEN
- ②a TOILET (MEN)
- ②b TOILET (WOMEN)

(PLUMBING SYMBOLS)

- METER INSIDE PIT
- VALVE INSIDE PIT
- SHUT OFF VALVE
- HOSE FAUCET #18mm
- WATER SUPPLY PIPE
- VERTICAL PIPE DOWN
- VERTICAL PIPE UP

FIRE FIGHTING SYMBOLS

- ABC (MULTIPURPOSE) DRY POWDER EXTINGUISHER
- AB CLASS AFFF EXTINGUISHER
- AB CLASS AFFF CO2 EXTINGUISHER
- KITCHEN CLASS EXTINGUISHER
- LEGEND**
- P** CHARGE
- h** PLACEMENT HEIGHT

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY
(JICA)

Cepa
COMISION EJECUTIVA
PORTUARIA AUTONOMA
(CEPA)

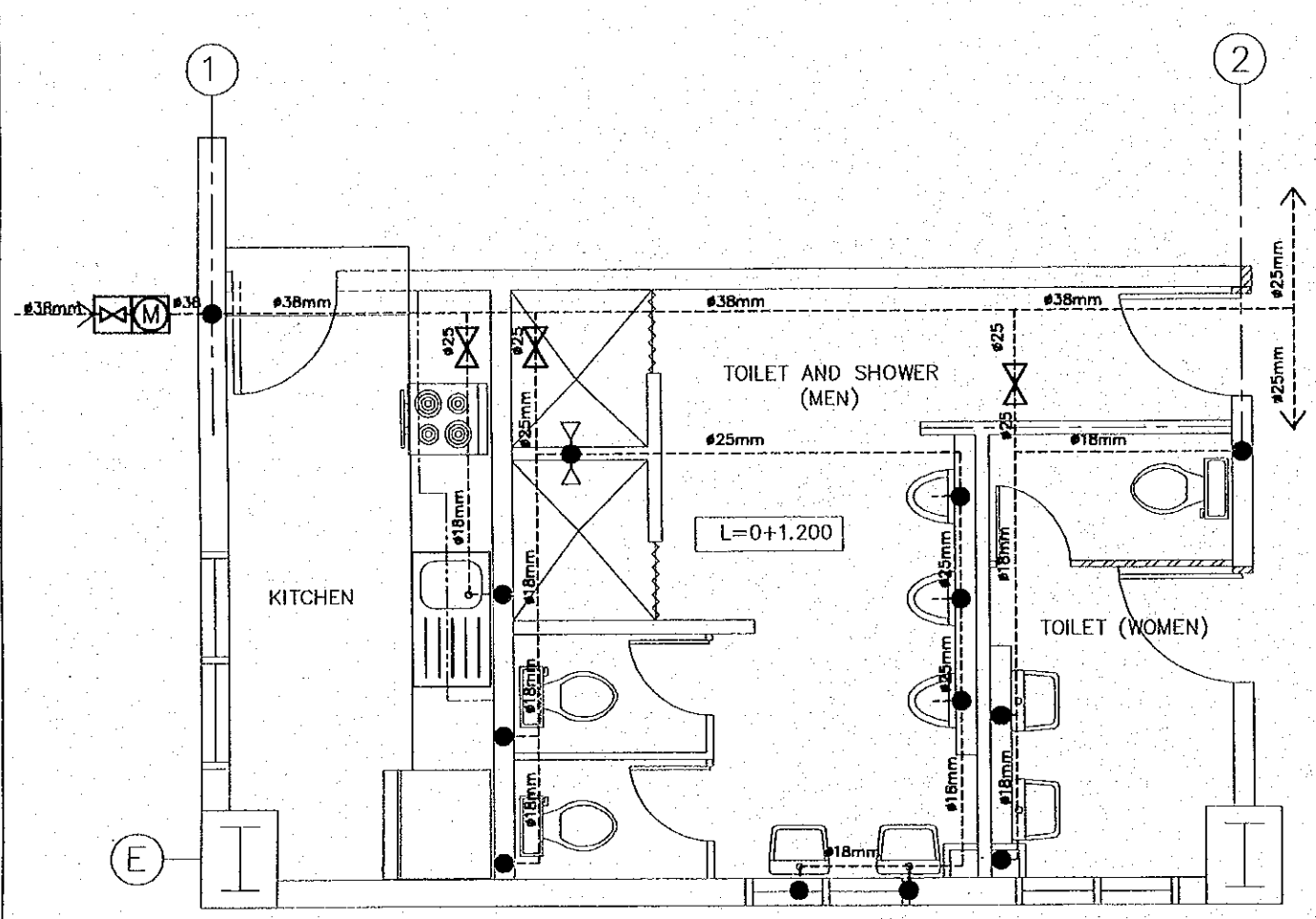
THE DETAILED DESIGN
ON PORT REACTIVATION PROJECT
IN LA UNION PROVINCE
OF THE REPUBLIC OF EL SALVADOR

NKC NIPPON KOEI CO., LTD.

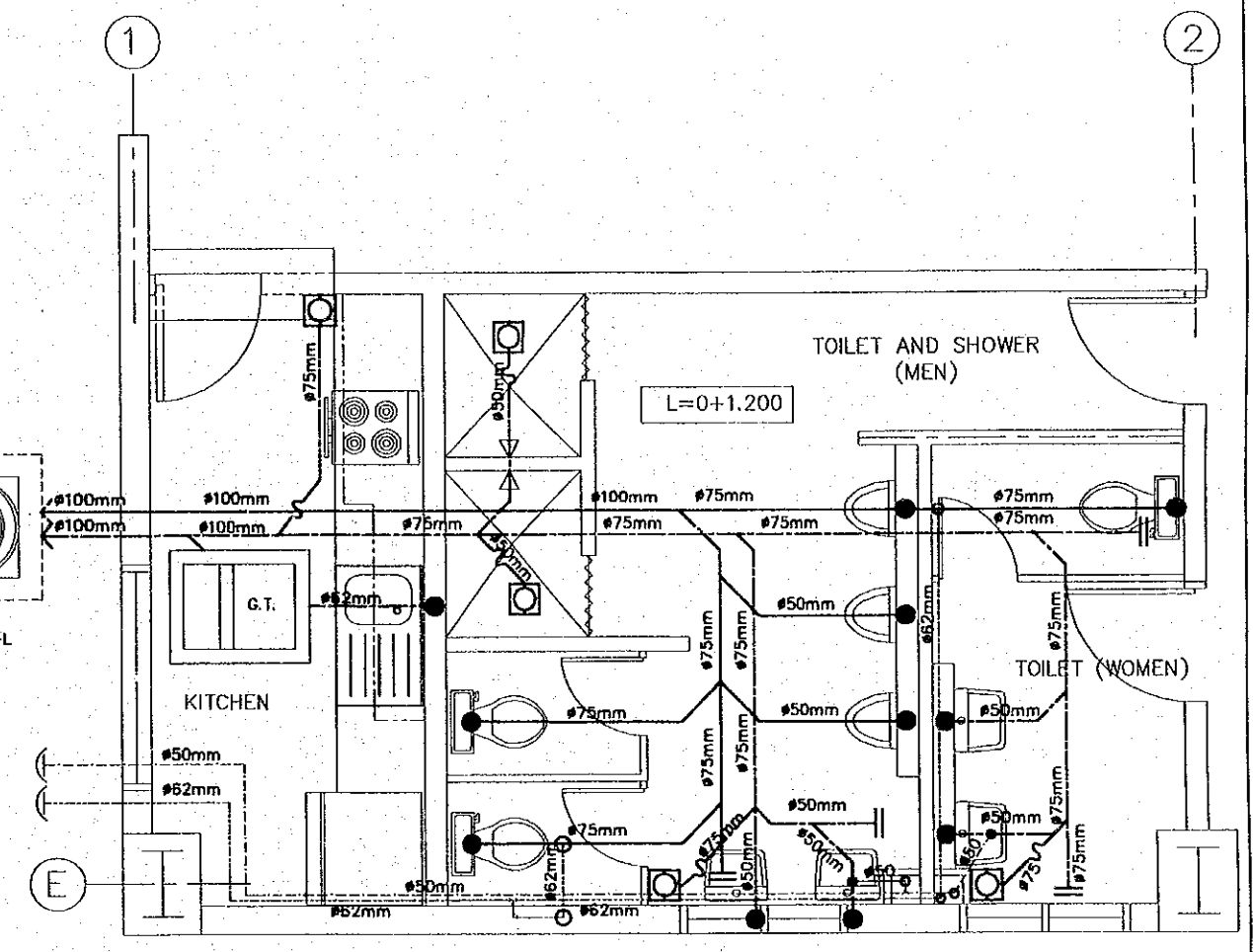
DESIGNED BY :
CHECKED BY :
APPROVED BY :

SECTION : BUILDING WORK
SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
TITLE : PLUMBING SYSTEM AND FIRE
FIGHTING SYSTEM LAYOUT

DATE : OCTOBER/2002
SCALE : 1:300
DRAWING NO :
BD-02-031



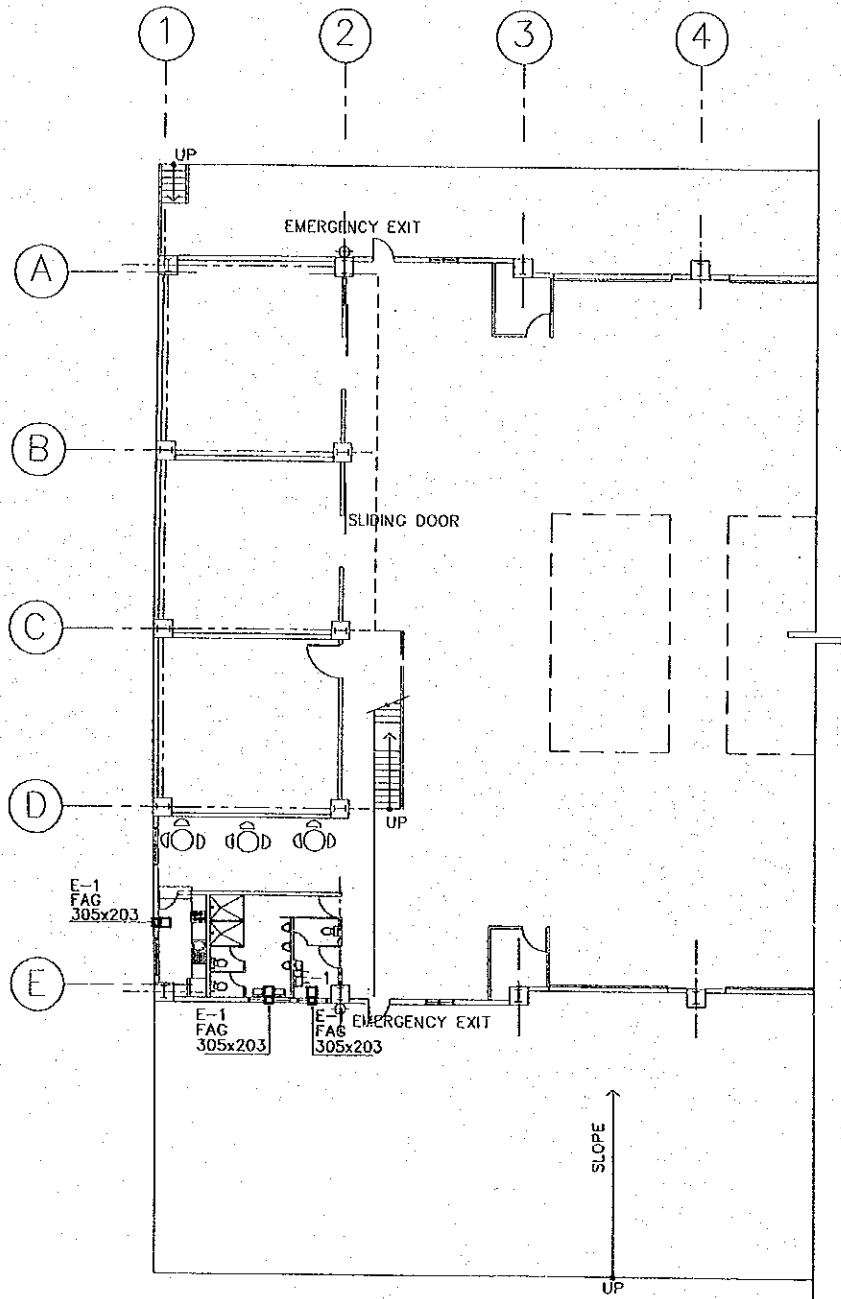
WATER SUPPLY SYSTEM
SCALE 1:50



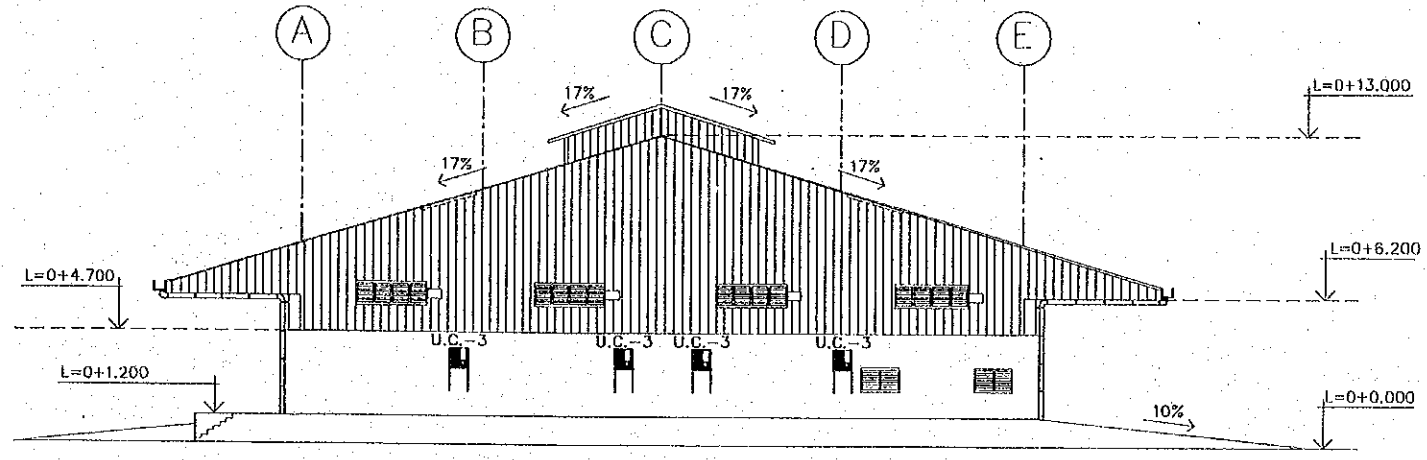
WASTEWATER SYSTEM
SCALE 1:50

PLUMBING SYMBOLS			
●	VERTICAL PIPE DOWN	----	WATER SUPPLY PIPE
○	VERTICAL PIPE UP	----	WASTE DRAINAGE PIPE
⊗	METER INSIDE PIT	----	WASTE VENTILATION PIPE
⊗	VALVE INSIDE PIT	----	SANITARY DRAINAGE PIPE
⊗	SHUT OFF VALVE	----	SANITARY DRAINAGE VENTILATION PIPE
⊗	FLOOR/SHOWER DRAIN	----	
⊗	VENT OUTLET	----	

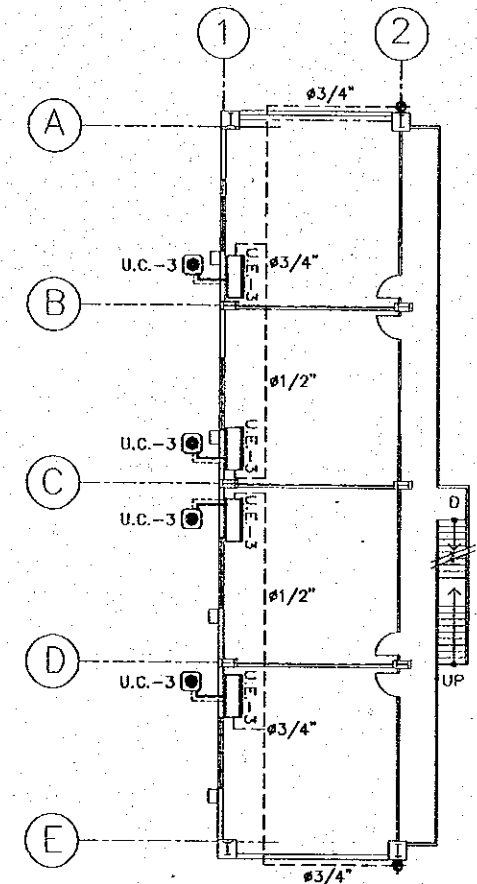
REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE	JICA JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)	THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR NIPPON KOEI CO., LTD.	DESIGNED BY :	SECTION :	DATE :
									CHECKED BY :	SUB-SECTION :	OCTOBER/2002
									APPROVED BY :	TITLE :	SCALE :
										PLUMBING SYSTEM TOILET AND KITCHEN DETAIL	1:50
											DRAWING NO. : BD-02-032



FIRST FLOOR PLAN
SCALE 1:300



NORTHWEST ELEVATION
SCALE 1:300



MEZZANINE FLOOR PLAN
SCALE 1:300

AIR CONDITIONING SYSTEM

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

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 : BUILDING WORK
SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
TITLE : AIR CONDITIONING SYSTEM 1st. & MEZZANINE FLOOR PLANS AND ELEVATION

DATE : OCTOBER/2002
SCALE : 1 : 300
DRAWING NO: BD-02-033

PANELBOARD SCHEDULE

PANEL ST-RD 3φ, 4 WIRE SURFACE MOUNTED 100 AMPERE MAIN
 LOCATION CONTAINER FREIGHT STATION 150 AMPERE BUS

CT No.	WIRING	AMPERE			DESCRIPTION	CB		PHASE			CB		DESCRIPTION	AMPERE			WIRING	CT No.
		φA	φB	φC		Pole	A/C	A	B	C	Pole	A/C		φA	φB	φC		
1	3x5.3mm ²	8.00			Roll-up door	2	15				2	15	Roll-up door	8.00			3x5.3mm ²	2
3		8.00												8.00				4
5	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	6
7		8.00												8.00				8
9	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	10
11		8.00												8.00				12
13	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	14
15		8.00												8.00				16
17	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	18
19		8.00												8.00				20
21	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	22
23		8.00												8.00				24
25	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	26
27		8.00												8.00				28
29	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	30
31		8.00												8.00				32
33	3x5.3mm ²			8.00	Roll-up door	2	15				2	15	Roll-up door			8.00	3x5.3mm ²	34
35		8.00												8.00				36

88,0 TOTAL A/φA
 88,0 TOTAL A/φB
 80,0 TOTAL A/φC
 53,248 TOTAL VA

PANELBOARD SCHEDULE

PANEL TG-CFS 3φ, 4 WIRE SURFACE MOUNTED 350 AMPERE MAIN
 LOCATION CONTAINER FREIGHT STATION 400 AMPERE BUS

CT No.	WIRING	AMPERE			DESCRIPTION	CB		PHASE			CB		DESCRIPTION	AMPERE			WIRING	CT No.
		φA	φB	φC		Pole	A/C	A	B	C	Pole	A/C		φA	φB	φC		
1	4x13.3mm ²	38.7			T-CFS	3	70				2	150	ST-CFS	107.2			4x67.4mm ²	2
3		44.8												131.1				4
5				37.8										119.6				6
7	4x33.6mm ²	88.0			ST-RD	3	100				3	70	T-WIF2	60.0			4x21.2mm ²	8
9		88.0												60.0				10
11		80.0												60.0				12

293,9 TOTAL A/φA
 323,9 TOTAL A/φB
 297,4 TOTAL A/φC
 103,130 TOTAL VA

PANELBOARD SCHEDULE

PANEL T-CFS 3φ, 4 WIRE SURFACE MOUNTED 70 AMPERE MAIN
 LOCATION CONTAINER FREIGHT STATION 150 AMPERE BUS

CT No.	WIRING	AMPERE			DESCRIPTION	CB		PHASE			CB		DESCRIPTION	AMPERE			WIRING	CT No.
		φA	φB	φC		Pole	A/C	A	B	C	Pole	A/C		φA	φB	φC		
1	2x5.3mm ²	6.30			Lights offices	2	15				2	15	Lights offices	6.30			2x5.3mm ²	2
3	2x5.3mm ²			8.30	Lights overhaul								Cargo area lighting			9.60	3x5.3mm ²	4
5	2x5.3mm ²			11.4	Lights toilets	2	15				2	15	Office outlets			9.60	3x5.3mm ²	6
7	3x5.3mm ²	6.70			Office outlets								Office outlets	6.70			3x5.3mm ²	8
9	3x5.3mm ²			6.70	Office outlets	2	15				2	15	Stack room outlets			10.0	3x5.3mm ²	10
11	3x5.3mm ²			6.70	Office outlets								Chesk office			3.30	3x5.3mm ²	12
13	3x5.3mm ²	6.70			Cargo area outlets	2	15				2	15	Forklift battery charger	3.00			3x5.3mm ²	14
15	3x5.3mm ²			6.70	Cargo area outlets								Forklift battery charger			3.00	3x5.3mm ²	16
17	3x5.3mm ²			8.00	Cargo area outlets	2	15				2	15	Forklift battery charger			3.00	3x5.3mm ²	18
19	3x5.3mm ²	3.00			Forklift battery charger								Kitchen outlets	3.30			3x5.3mm ²	20
21	3x5.3mm ²			0.50	Weight bridge													22
23				0.50														24

42,0 TOTAL A/φA
 44,8 TOTAL A/φB
 37,8 TOTAL A/φC
 14,232 TOTAL VA

PANELBOARD SCHEDULE

PANEL ST-CFS 3φ, 4 WIRE SURFACE MOUNTED 150 AMPERE MAIN
 LOCATION CONTAINER FREIGHT STATION 250 AMPERE BUS

CT No.	WIRING	AMPERE			DESCRIPTION	CB		PHASE			CB		DESCRIPTION	AMPERE			WIRING	CT No.
		φA	φB	φC		Pole	A/C	A	B	C	Pole	A/C		φA	φB	φC		
1	2x5.3mm ²	9.60			Cargo area lighting	2	15				2	15	Outdoors lighting	5.00			3x5.3mm ²	2
3				9.60										5.00				4
5	2x5.3mm ²			7.70	Cargo area lighting	2	15				2	15	Outdoors lighting			5.00	3x5.3mm ²	6
7		7.70												5.00				8
9	3x5.3mm ²			12.5	Hand dryer	2	15				2	15	Exhaust fan			2.90	2x5.3mm ²	10
11	2x5.3mm ²			2.90	Exhaust fan								Exhaust fan			2.90	2x5.3mm ²	12
13	3x8.4mm ²	33.7			A/C office	2	15				2	15	Hand dryer	12.5			3x5.3mm ²	14
15		33.7			A/C office								A/C office	33.7			3x5.3mm ²	16
17	3x8.4mm ²			33.7	A/C office	2	15				2	15				33.7	3x5.3mm ²	18
19		3.00																20
21	3x8.4mm ²			0.50	A/C office	2	15				2	15						22
23				0.50														24

107,2 TOTAL A/φA
 131,1 TOTAL A/φB
 119,6 TOTAL A/φC
 35,650 TOTAL VA

PLC CONTROLLED
 (TELEMAND MOTOR-DRIVE SWITCH)

REV. NO.	DATE	COORDINATE	BY	APPROVED	DATE

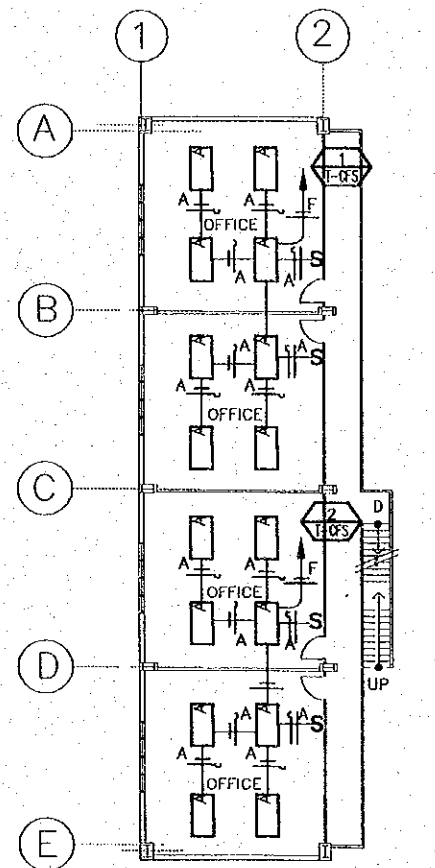
JICA
 JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
Cepa
 COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

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

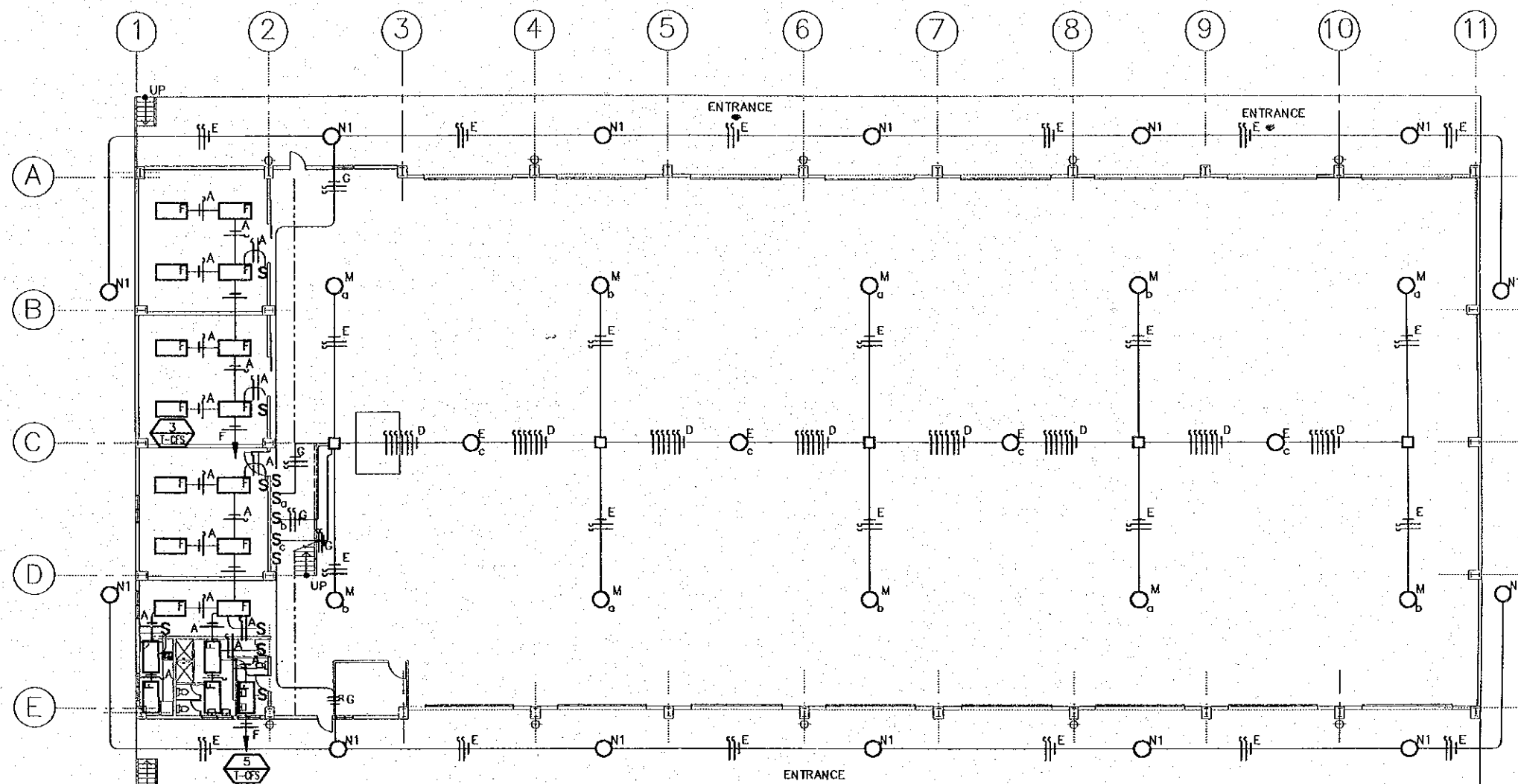
DESIGNED BY:
 CHECKED BY:
 APPROVED BY:

SECTION : BUILDING WORK
 SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.)
 TITLE : PANELBOARD SCHEDULE

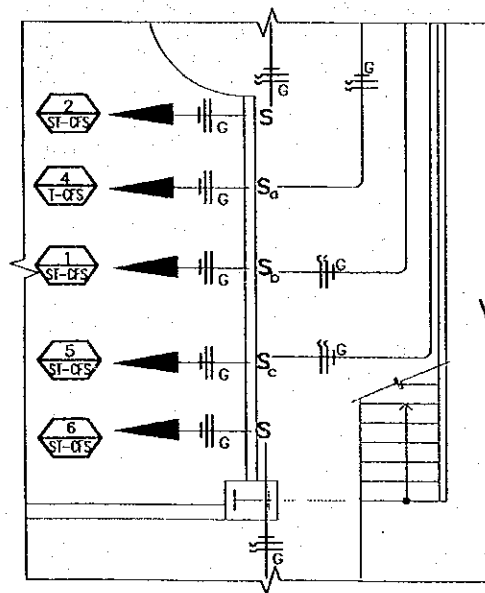
DATE : OCTOBER/2002
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 DRAWING NO. : BD-02-034



LIGHTING SYSTEM
MEZZANINE FLOOR PLAN SCALE 1:300



LIGHTING SYSTEM
FIRST FLOOR PLAN SCALE 1:300



VIEW 1
SCALE 1:100

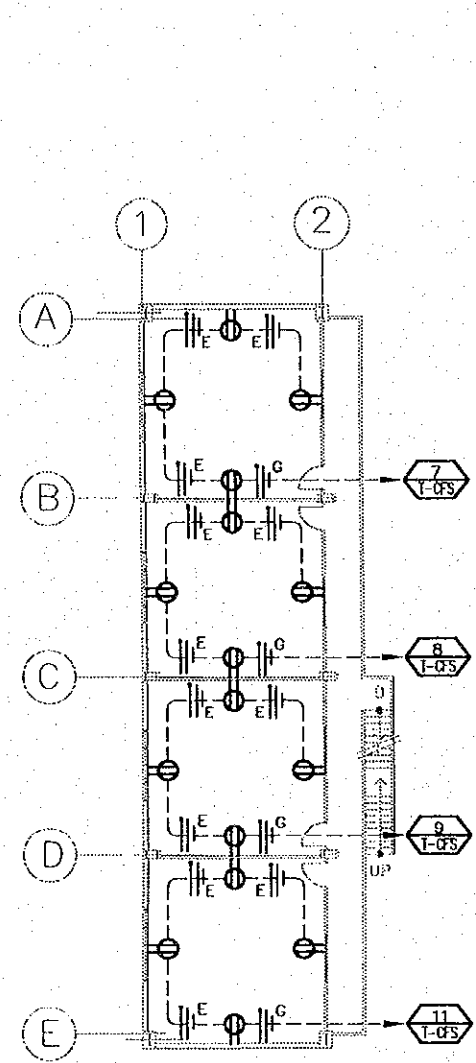
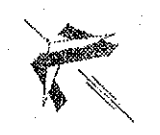
WIRING SYMBOLOGY

SYMBOL	WIRING/DUCTING
A	2 - 2.1 mm ² ϕ 13mm
D	7 - 3.3 mm ² ϕ 19mm
E	2 - 3.3 mm ² ϕ 13mm 1 - 2.1 mm ²
F	2 - 5.3 mm ² ϕ 19mm
G	2 - 5.3 mm ² ϕ 19mm 1 - 3.3 mm ²

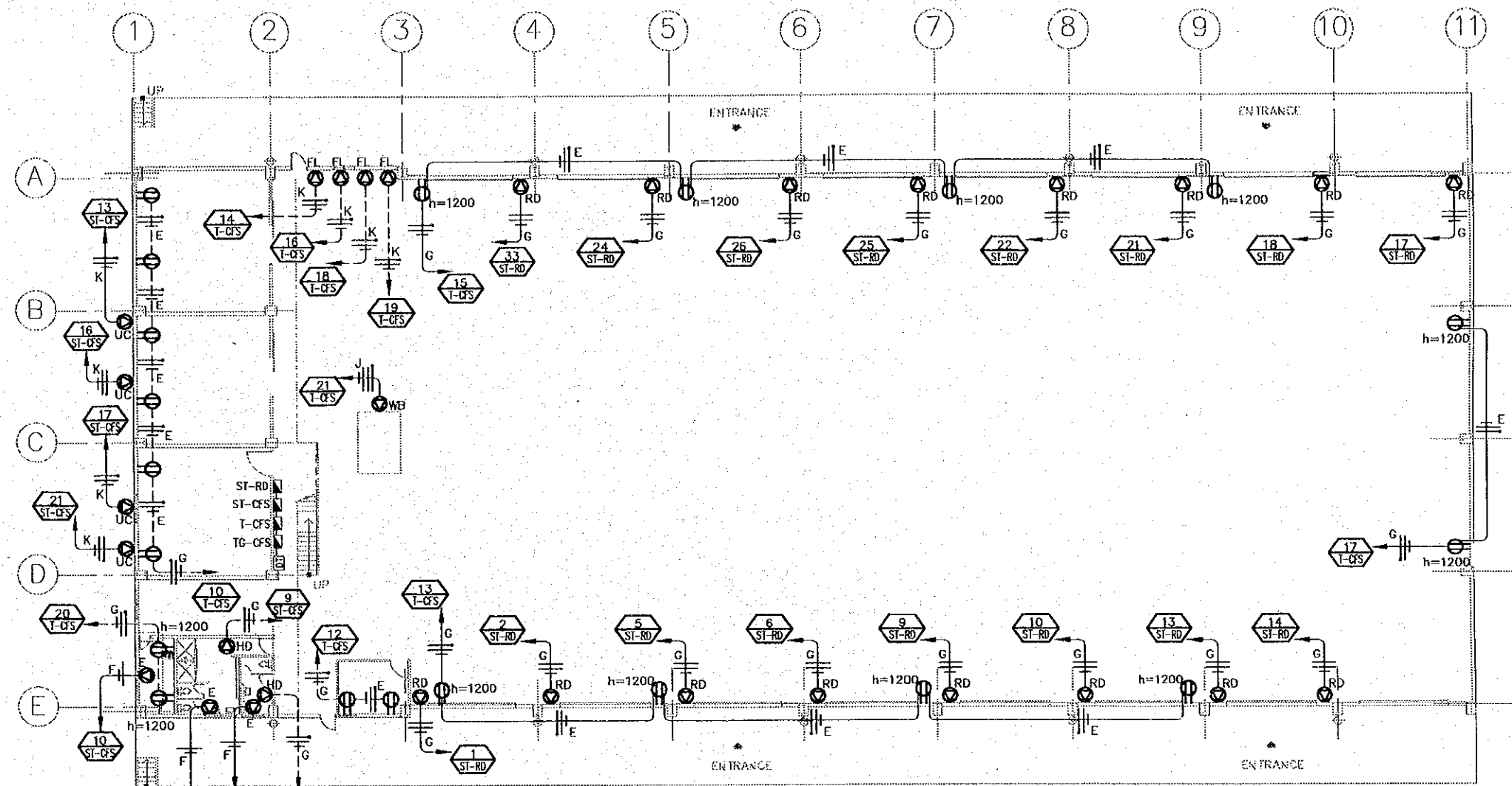
SYMBOLS

	FLUORESCENT 3X32W PARABOLIC TROFFER. RECESSED
	FLUORESCENT 4X32W INDUSTRIAL SURFACE MOUNTED
	400W/208V MH HIGH BAY
	150W/208V HPS BANTAM
	SWITCH
	WIRING CONCEALED IN CEILING
	SWITCH LEG, PHASE, NEUTRAL
	4"X4" JUNCTION BOX
	CIRCUIT FEEDER

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 : CHECKED BY : APPROVED BY :	SECTION : BUILDING WORK SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.) TITLE : LIGHTING 1ST AND MEZZANINE FLOOR PLANS	DATE : OCTOBER/2002 SCALE : 1:300, 1:100 DRAWING NO. : EL-02-035		



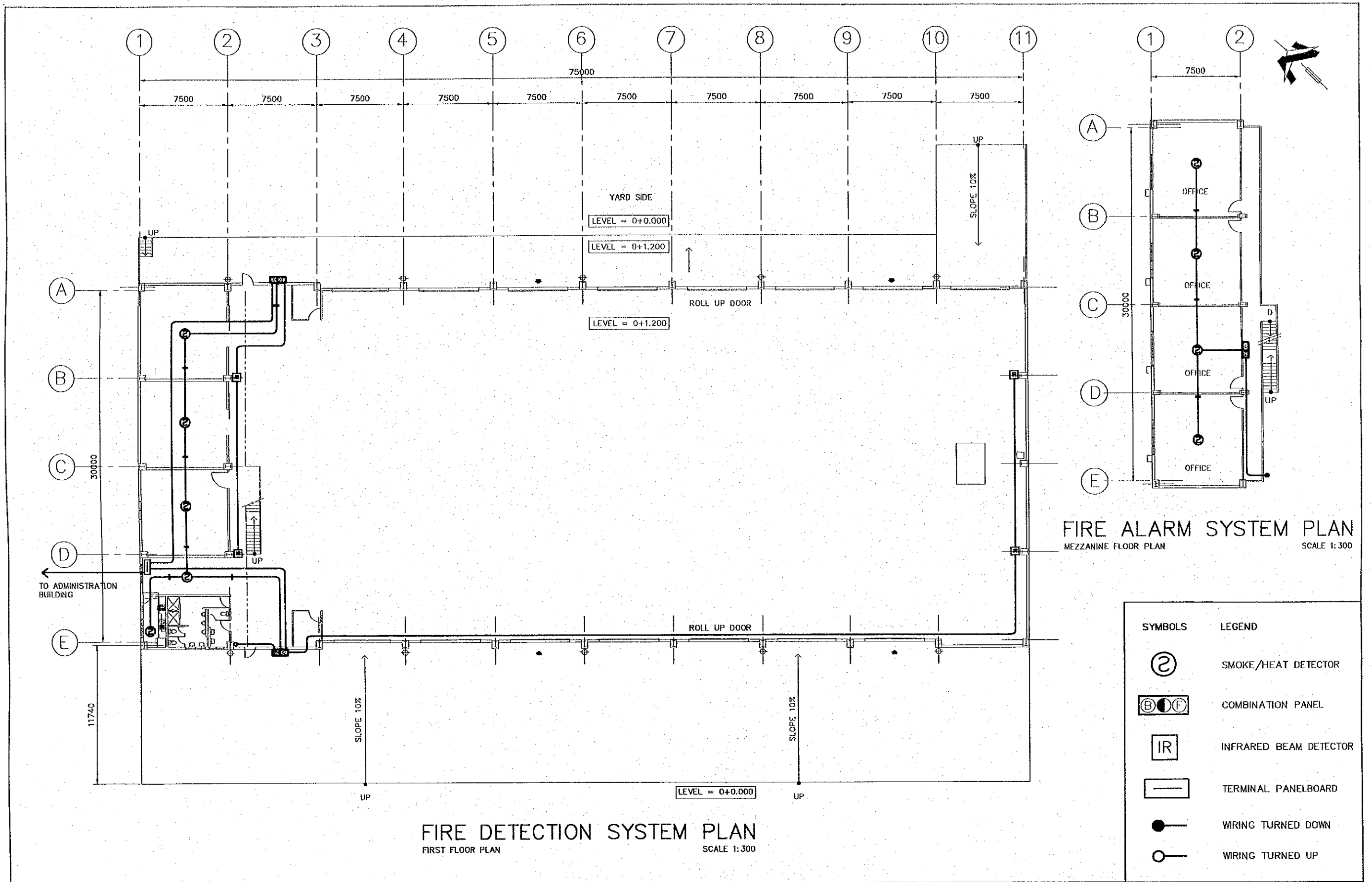
MEZZANINE FLOOR PLAN
SCALE 1:300



FIRST FLOOR PLAN
SCALE 1:300

WIRING SYMBOLOLOGY		LEGEND			
SYMBOL	WIRING/DUCTING	ST-CFS	WB	FL	UC
E	2 - 3.3 mm ² φ 13mm 1 - 2.1 mm ²	PANELBOARD.	CONNECTION FOR WEIGH BRIDGE 208V, 1-PHASE	CONNECTION FOR FORK LIFT BATTERY CHARGER 120V, 1-PHASE h=1200.	CONNECTION FOR AIR CONDITIONING CONDENSER UNIT 208V, 1-PHASE.
F	2 - 5.3 mm ² φ 19mm	CIRCUIT NUMBER # FROM PANELBOARD ST/IG	WIRING CONCEALED IN WALL OR ROOF.	CONNECTION FOR ROLL UP DOOR MOTOR 208V, 1-PHASE h=4500.	CONNECTION FOR EXHAUST FAN 120V.
G	2 - 5.3 mm ² φ 19mm 1 - 3.3 mm ²	DT DRY TYPE TRANSFORMER 480V/208-120V	WIRING CONCEALED IN FLOOR.	DUPLEX RECEPTACLE 120V. h= 1200mm.	SINGLE OULET FOR HAND DRYER, h=1200.
K	2 - 8.4 mm ² φ 19mm 1 - 5.3 mm ²		NEUTRAL, PHASE, GROUNDING.		
J	3 - 5.3 mm ² φ 19mm 1 - 3.3 mm ²				

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								CHECKED BY :	SUB-SECTION :	OCTOBER/2002
							APPROVED BY :	TITLE :	SCALE :	
								BUILDING WORK	1:300	
								CONTAINER FREIGHT STATION (C.F.S.)		
								OUTLET PLAN		
								FIRST & MEZZANINE FLOOR		
										DRAWING NO. : BD-02-036

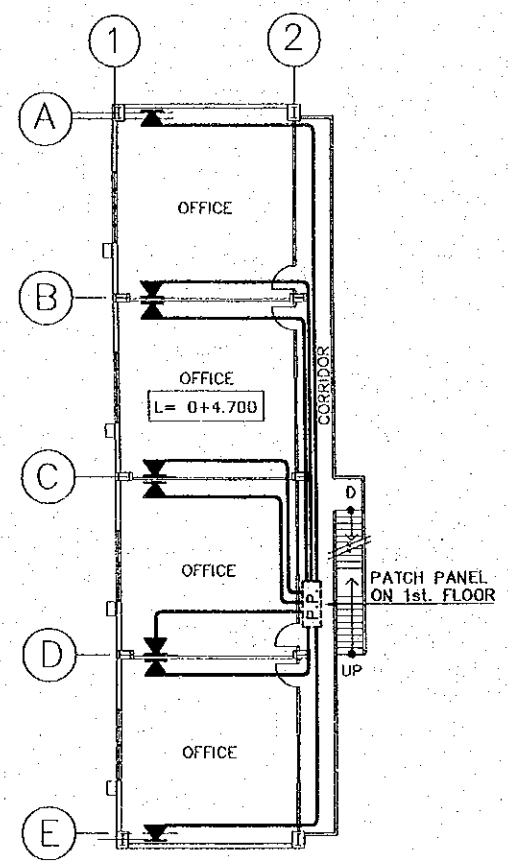


FIRE DETECTION SYSTEM PLAN
FIRST FLOOR PLAN
SCALE 1:300

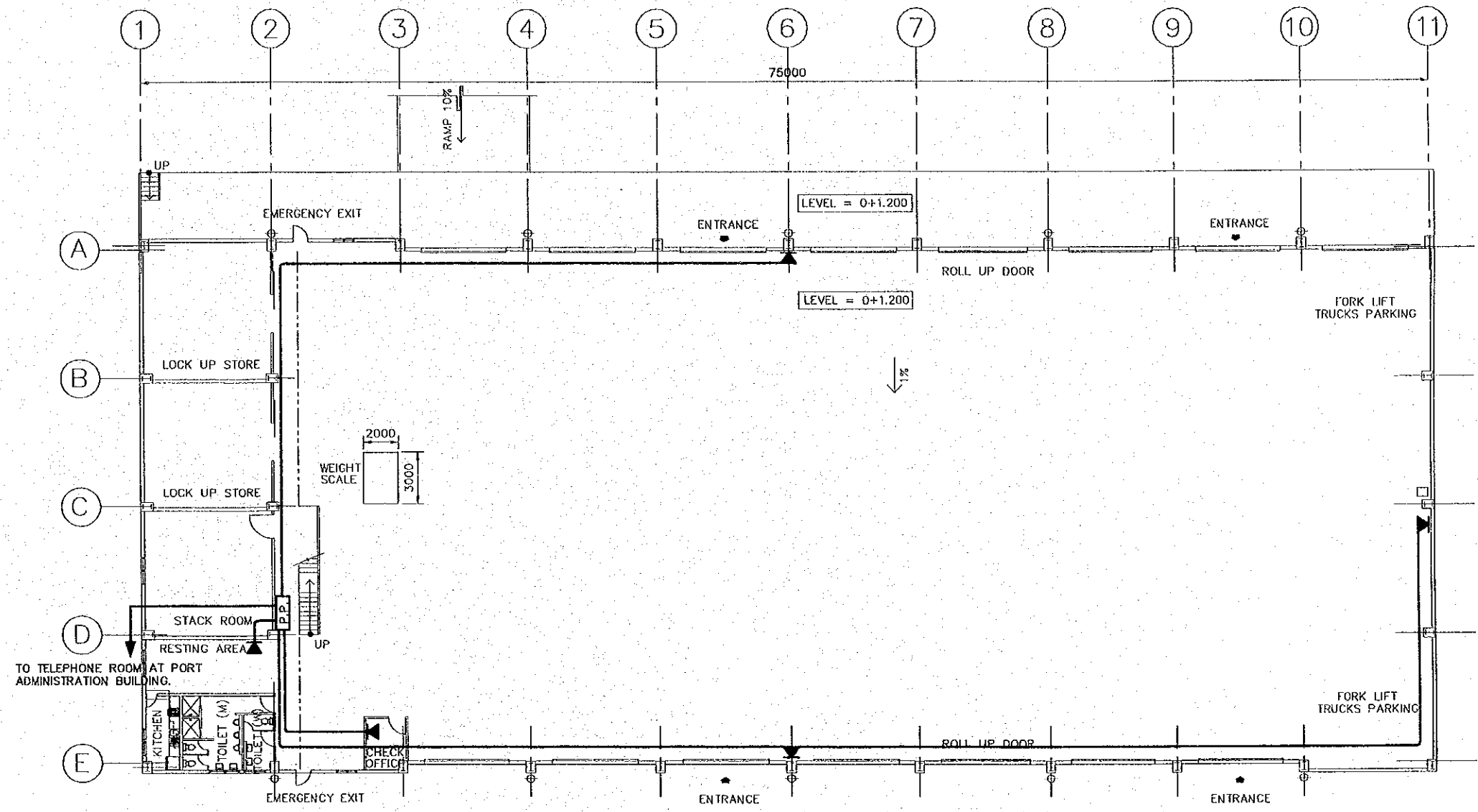
FIRE ALARM SYSTEM PLAN
MEZZANINE FLOOR PLAN
SCALE 1:300

SYMBOLS	LEGEND
	SMOKE/HEAT DETECTOR
	COMBINATION PANEL
	INFRARED BEAM DETECTOR
	TERMINAL PANELBOARD
	WIRING TURNED DOWN
	WIRING TURNED UP

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 :
									FIRE DETECTION SYSTEM FIRST FLOOR & MEZZANINE PLANS	1:300
										DRAWING NO. : 80-02-037



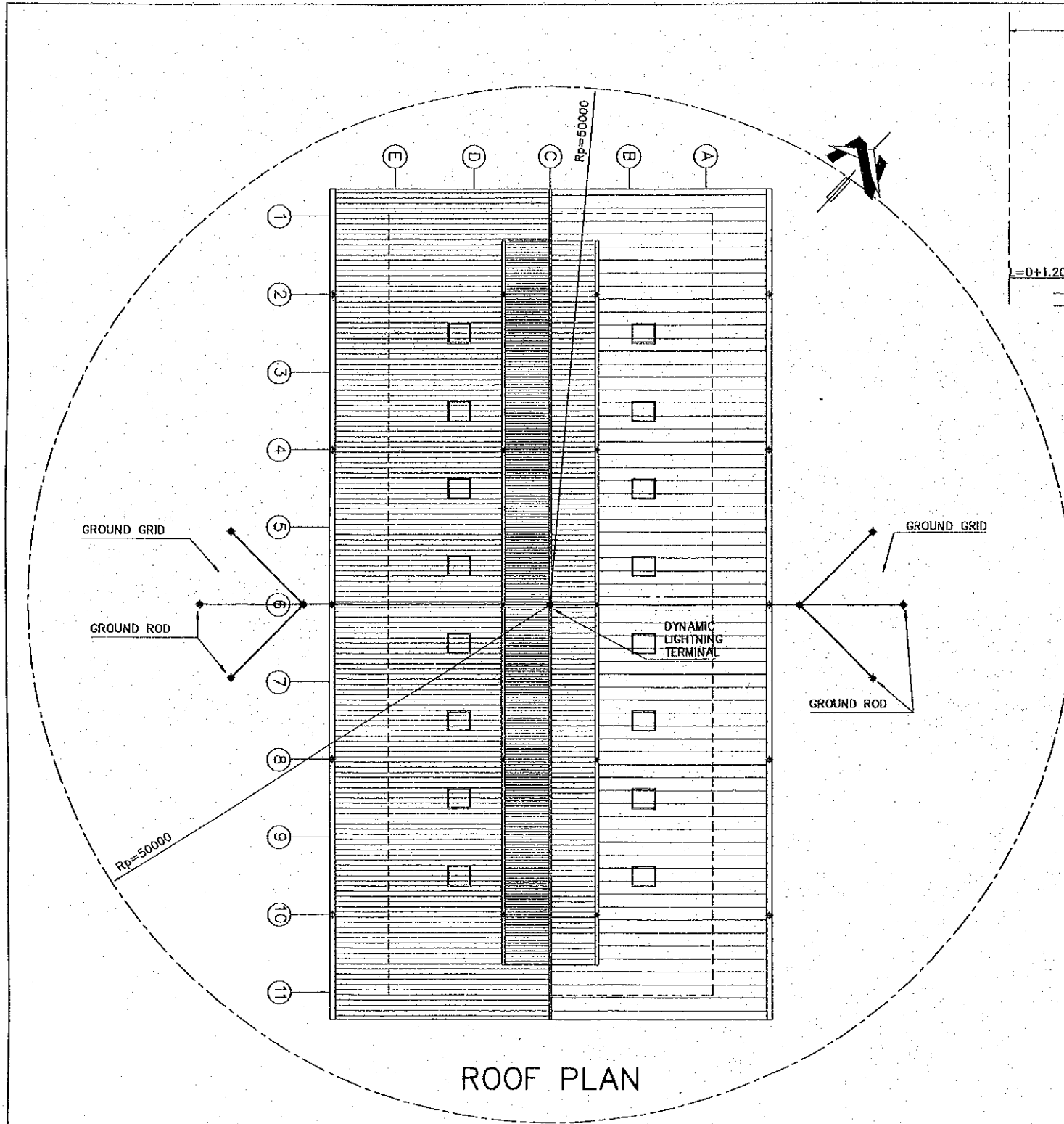
COMMUNICATION SYSTEM
MEZZANINE FLOOR PLAN
SCALE 1:300



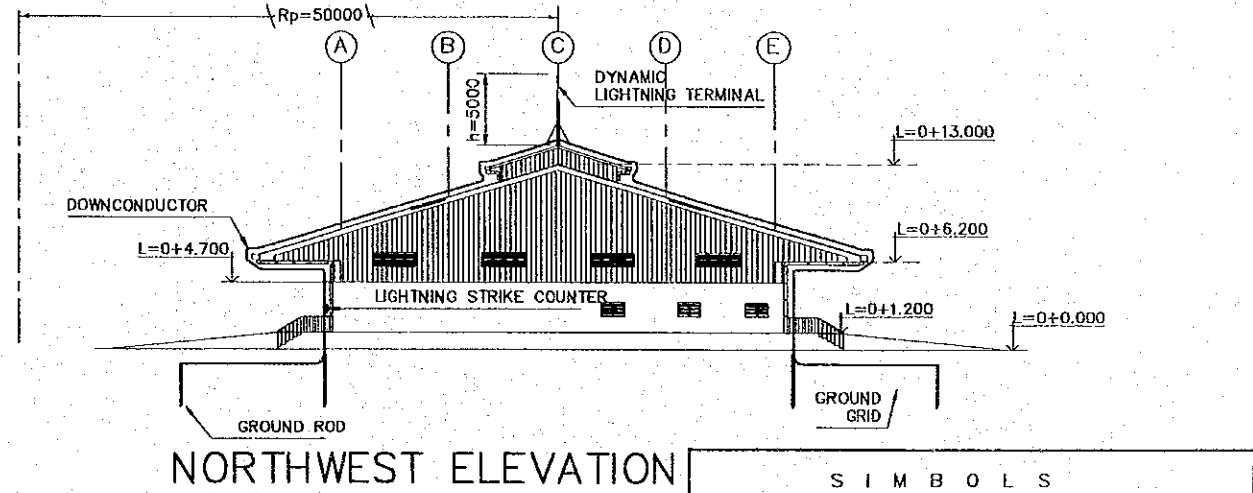
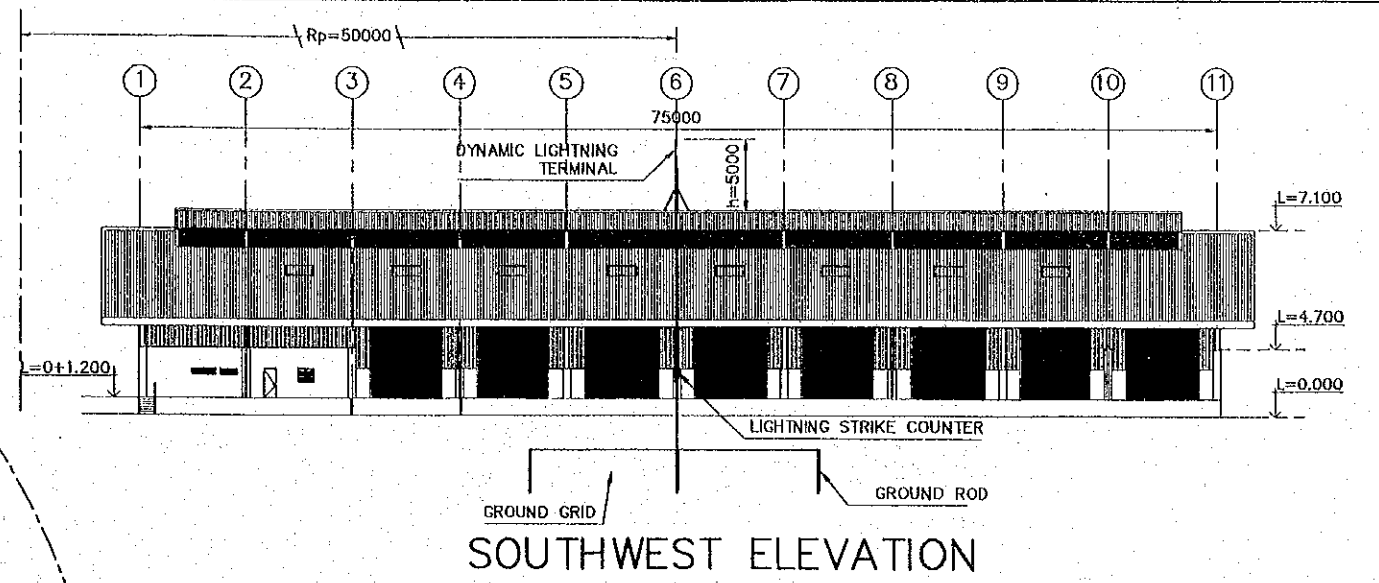
COMMUNICATION SYSTEM
FIRST FLOOR PLAN
SCALE 1:300

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

DATE :				THE DETAILED DESIGN ON PORT REACTIVATION PROJECT IN LA UNION PROVINCE OF THE REPUBLIC OF EL SALVADOR		DESIGNED BY : CHECKED BY : APPROVED BY :		SECTION : BUILDING WORK SUB-SECTION : CONTAINER FREIGHT STATION (C.F.S.) TITLE : COMMUNICATION SYSTEM 1st. & MEZZANINE FLOOR PLANS		OCTOBER/2002	
REV. NO.		DATE								SCALE : 1:300	
		COORDINATE		COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)		NIPPON KOEI CO., LTD.				DRAWING NO: BD-02-038	



ROOF PLAN



LIGHTNING PROTECTION SYSTEM ELEVATIONS & ROOF PLAN

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

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 FREIGHT STATION (C.F.S.) TITLE : LIGHTNING PROTECTION SYSTEM ELEVATIONS & ROOF PLANS	DATE : OCTOBER/2002 SCALE : 1:500 DRAWING NO: BD-02-039
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