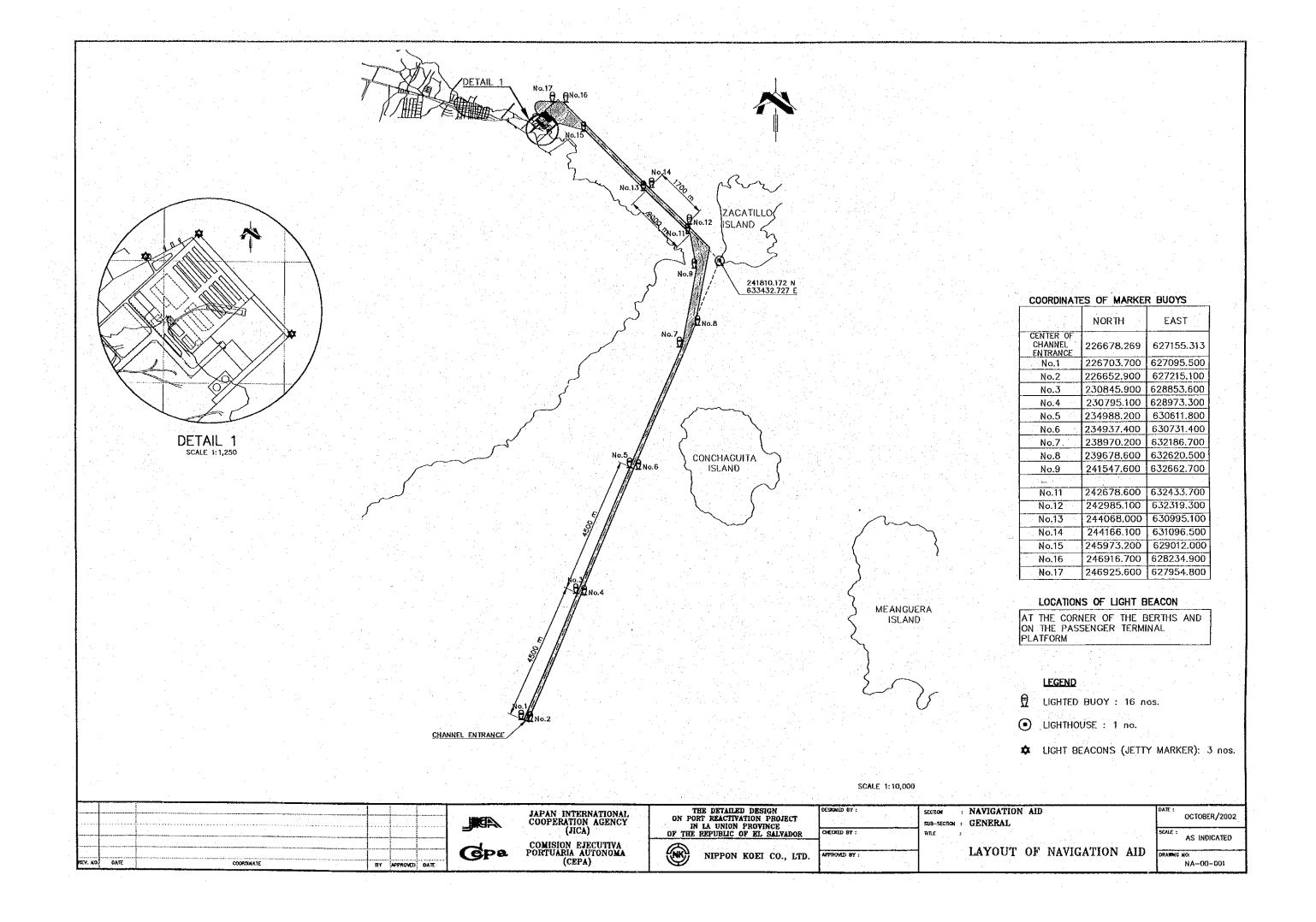
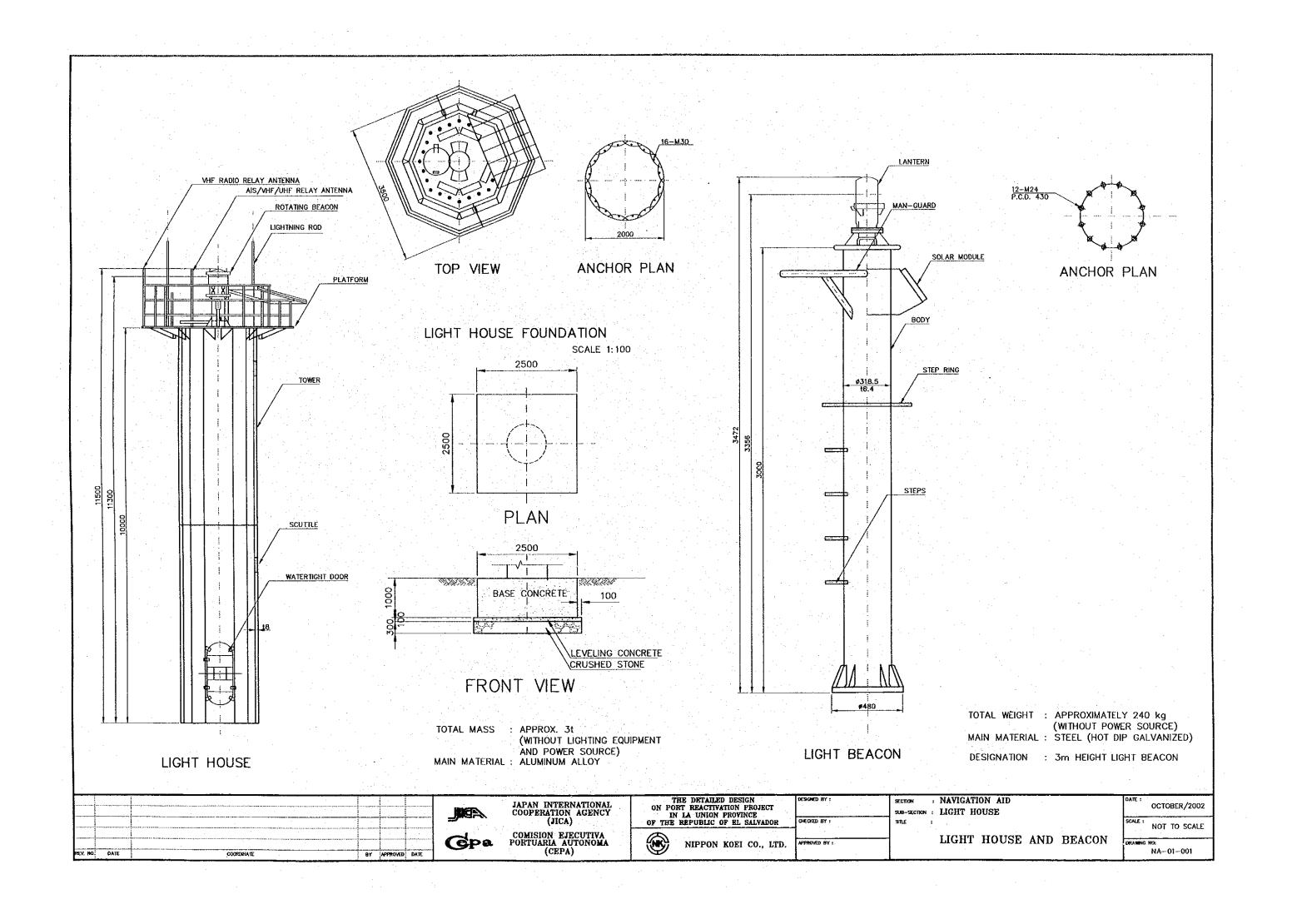
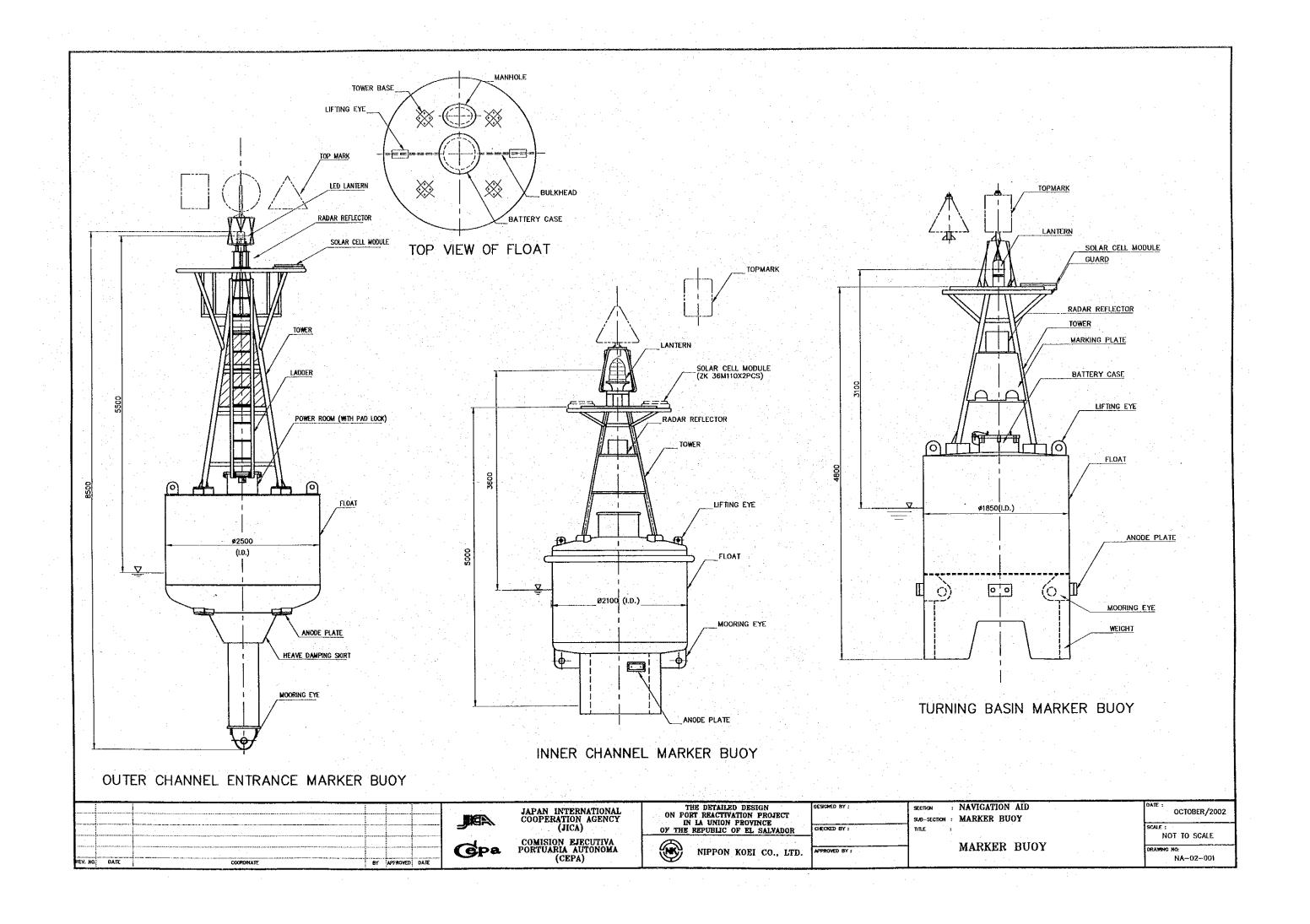
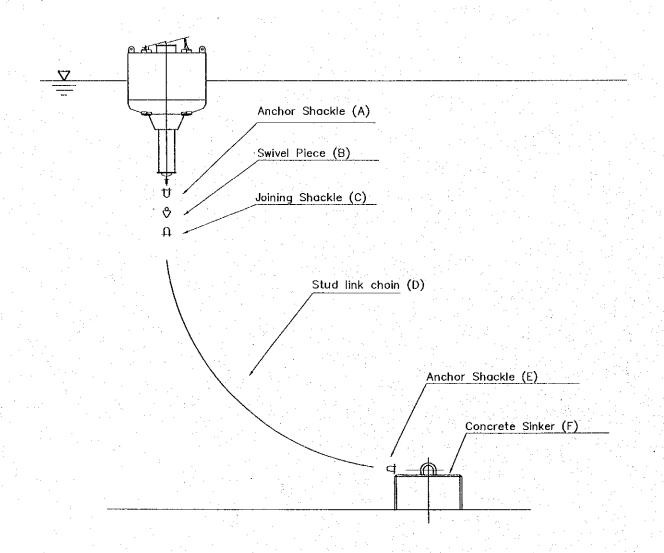
## **NAVIGATION AIDS**











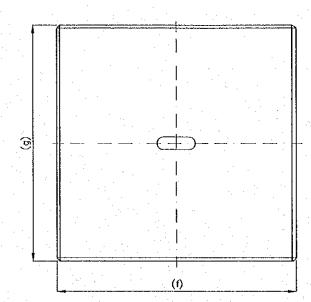
ITEM	A (mm)	B (mm)	C (mm)	D (mm)	WEIGHT OF CONCRETE SINKER (F)
OUTER CHANNEL ENTRANCE MARKER BUDY	ø42	ø42	ø42 ·	ø42	40 TON
INNER CHANNEL MARKER BUOY	ø38 ·	ø38	ø38	ø38	7.3 TON
TURNING BASIN MARKER BUOY	ø3B	ø38	ø <b>3</b> 8	ø38	7.3 TON

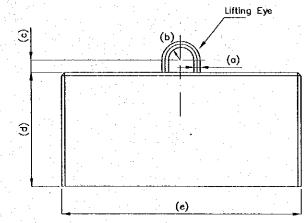
## NOTE:

1. THE CHAIN IS MADE IN ACCORDANCE WITH JIS (JAPONESE INDUSTRIAL STANDARD), GADE 2, OR EQUIVALENT.

2.END LINKS, WICH ARE EQUIPED TO SWIVEL ENDS AND CHAIN ENDS, SHALL BE SO PROCESSED AS TO CLEAR BODY OF ANCHOR SHACKLE OF THE SAME NOMINAL DIAMETER.

3.ALL THE SHACKLE SHALL BE FIXED BY STAINLESS STELL. IT SHALL BE BENDED, AND SHACKLE PIN SHALL BE WELDED TO THE SHACKLE BODY.





## INFORMATION OF CONCRETE SINKER

THE STATE OF THE S	a (mm)	ь (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)	MATERIAL OF LIFTING EYE	SUITABLE SHACKLE
OUTER CHANNEL ENTRANCE MARKER BUOY	100	180	180	1600	3300	3300	3300	S45C	AS46~70
INNER CHANNEL MARKER BUOY	90	160	160	900	1900	1900	1900	S45C	AS40~64
TURNING BASIN MARKER BUOY	90	160	160	900	1900	1900	1900	S45C	AS40~64

Designed average strength after elapsed 28 days

 $0 \text{ ck} = 18 \text{N/mm}^2$ 

Density:

 $2.3 \text{ t/m}^3$ 

REV. IKO.	DATE	COORDINATE	BY	APPROVED	DATE	
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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

COMISION EJECUTIVA PORTUARIA AUTONOMA (CEPA)

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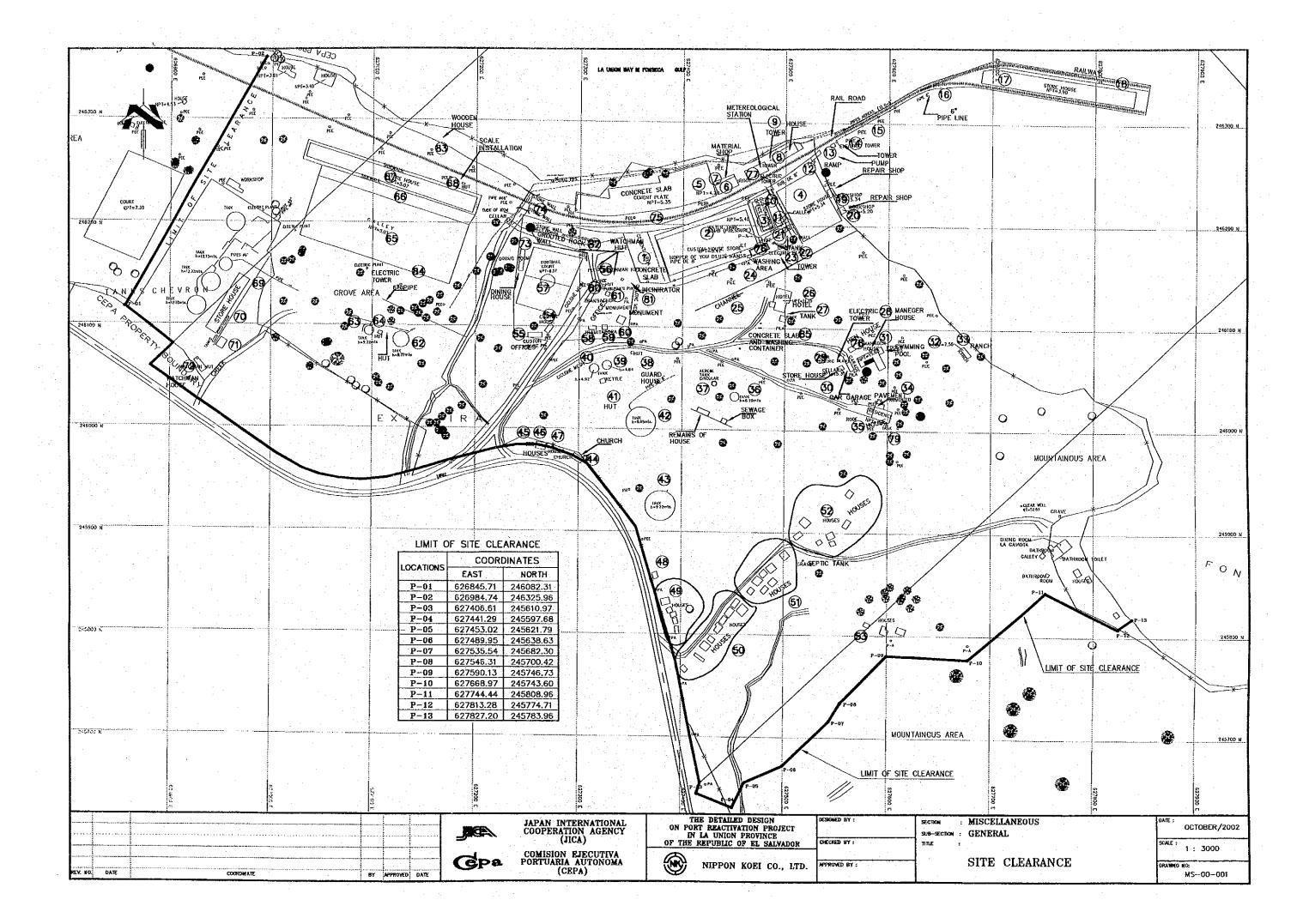
NIPPON KOEI CO., LTD.

: NAVIGATION AID SUB-SECTION : MARKER BOUY DETAIL OF ANCHOR, CHAIN & SCALE:

SINKER

OCTOBER/2002 AS INDICATED NA-02-002

## MISCELLANEOUS



	Demolished
tem	Description
1	Concrete slab
2	Metallic structure, metal roof, brick and concrete floor, half of the walls of concrete blocks
	Building with concrete slab roof, some areas covered with metal roof, walls of brick
4	Metallic structure, metallic roof, concrete floor, walls of metal sheets
5	Concrete slab, on the borders stone masonry
6	Materials shop, walls of metal sheets and wood frame, metal roof, concrete floor
7	Corridor, metal roof with wood, natural ground floor
8	Port police, wood walls, concrete floor, metal roof
9	Metal tower, for electrical cables
10	Wooden hut
11	PNC eating installations, concrete floor, metal roof, hal will concrete block walls
12	Ramp, concrete floor
13	Pump house, brick walls, asbestos roof, concrete floor
14	Metal tower, for electrical cables; one transformer
15	Rail road
16	Metal pipes; 4" and 8"
17	Store house, metal structure, metal roof, concrete floor (jetty)
18	Rail road
19	Carpentry shop
20	Carpentry shop
21	PNC, asbestos roof, wood ceiling, brick walls
22	Asbestos water tank, concrete bases
23	Metal tower, for electrical cables
24	Water tank (concrete) for washing , metal sheet walls, metal roof
25	Concrete channel for rain water
26	Hotel, concrete floor, wood walls, metal sheets roof

lten	Description
28	Metal tower, for electrical cables
29	Small warehouse
30	Garage for car
31	Manager house, brick walls, metal sheet roof, brick floor
32	Small swimming pool, concrete
33	Wooden hut
34	Concrete and brick area
35	House, brick walls, metal sheet roof, brick floor
36	Metal tank, ground
37	Metal tank, elevated
38	Guard house, brick walls, asbestos roof, concrete floor
39	Metal tank, ground
40	Metal tank, ground
41	Hut, brick walls, metal sheet roof, concrete floor
42	Metal tank, ground
43	Metal tank, ground
44	Church building, brick walls, no roof, brick floor House, walls of (adobe) ground soil, tile roof and wood,
45	
46	
47	
48	
49	
50	
51	
52	
53	House metal sheet and remains, no floor
54	House, brick walls, asbestos roof, brick floor

ite	em	Description
5	55	House, brick walls, asbestos roof, brick floor
Ę	56	Guard house, brick walls, asbestos roof, brick floor
5	57	Soccer court House, concrete block walls, cement tile roof, concrete
	68	floor Small house, metal sheet walls, cement tile roof,
. 5	9	concrete floor
Ę	30	Corridor with asbestos roof, concrete floor
	31	Office, walls of metal sheets, tile roof, brick floor
	32	Metal tank, ground, diameter 15 mt
Г	53 54	Metal tank, ground, diameter 9 mt  Guard house, brick walls, no roof, concrete floor
	35	Galley, metal structure, no walls, concrete floor, metal roof
6	66	Metal roof area, ground floor, no walls
6	37	Store house, metal structure, asbestos roof, concrete floor, concrete block walls
6	86	Scale house, brick walls, & metal sheet, concrete slab roof, concrete structure support scale
	69	Store house, metal structure, metal sheet walls, metal roof, concrete floor
	70	Three train tankers (metal)
-	71	Fuel pump station, metal roof, no walls, concrete floor
	72	Guard house, brick walls, brick floor, asbestos roof
Г	73	Dining house, brick walls, asbestos roof, brick floor
1	74 75	Stone masonry walls, 2 steel pipes in the middle  Rail way already removed
	76	PNC, building, brick walls, concrete floor, concrete columns, asbestos roof second floor
	77	Weather station, wire mesh around installations
	78	Henhouse, wire mesh around it, metal roof
	79	Water tank
	80	Guard house, asbestos roof, concrete floor, brick walls
	81	Incinerator parts, wire mesh protection, asbestos roof, concrete floor
L	82	Stone masonry wall

ltem	Description
83	Wood house, metal roof, wood floor, very old
84	Steel pipe, 6" diameter
85	Concrete water tank; concrete slab

NOTE:

INFORMATION GIVEN IN THIS SHEET IS ONLY FOR REFERECE

REV. NO. DATE COORDINATE BY APPROVED DATE



JAPAN INTERNATIONAL COOPERATION AGENCY (JICA) COMISION EJECUTIVA

(JICA)
COMISION EJECUTIVA
PORTUARIA AUTONOMA
(CEPA)

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

NIPPON KOEI CO., LTD.

TD. APPROVE

SECTION : MISCELLANEOUS

SUB-SECTION : GENERAL

TITLE : LIST OF BUI

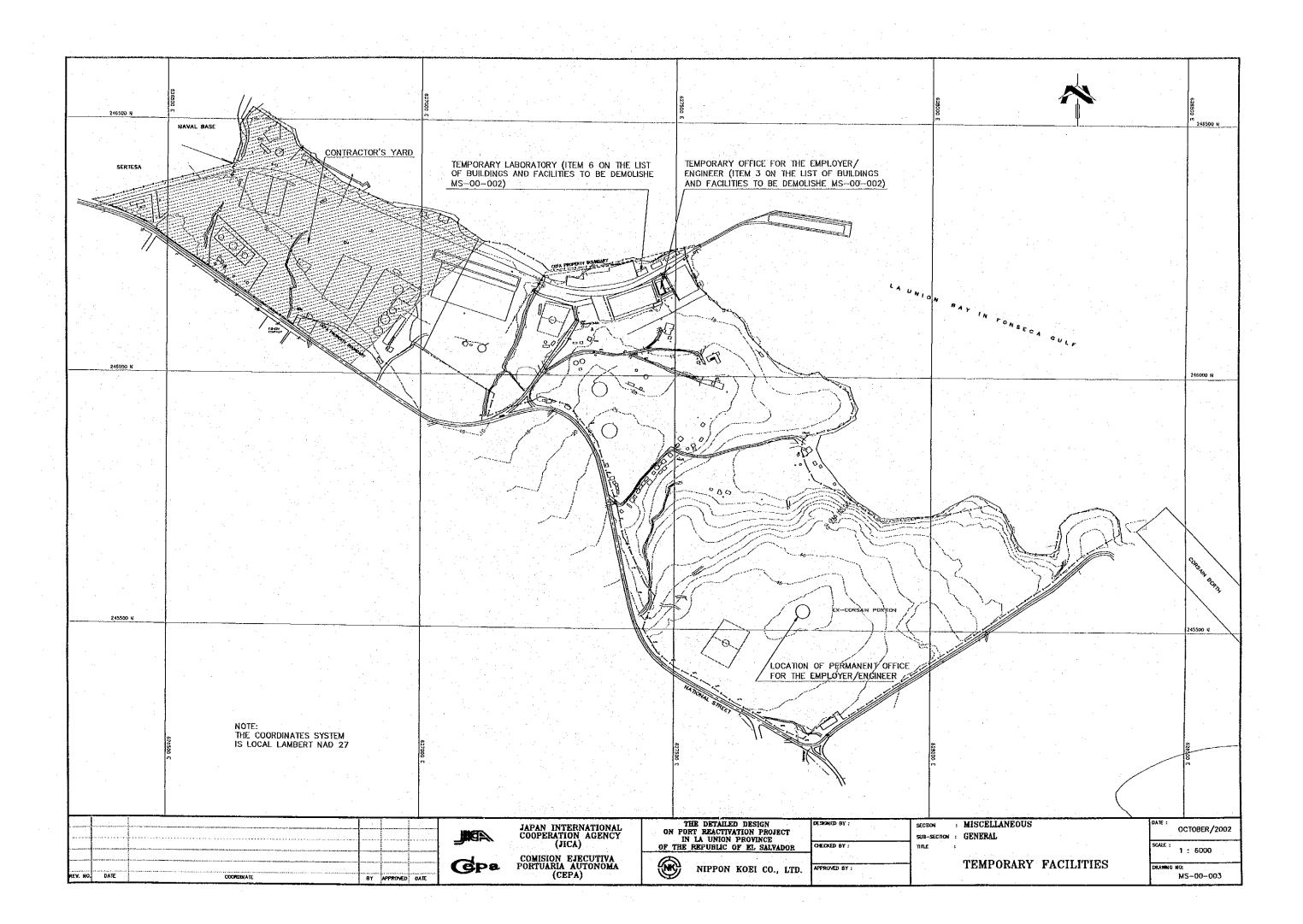
HE GENERAL

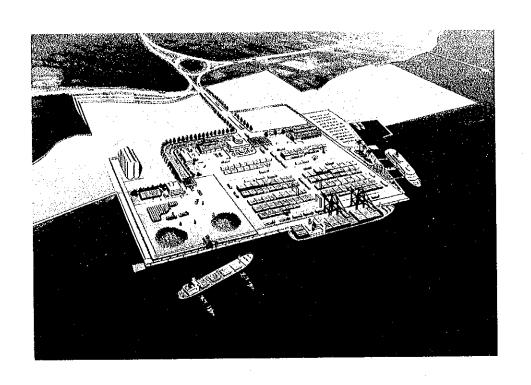
LIST OF BUILDINGS AND
FACILITIES TO BE
DEMOLISHED

DATE: OCTOBER/2002

SCALE: NOT TO SCALE

DRAWNG NO: MS-00-002





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