

**MANILA NORTH HARBOR
ALTERNATIVE
MASTER PLAN**

**PHILIPPINE PORTS AUTHORITY
MAY 2001**

MANILA NORTH HARBOR PROPOSED ALTERNATIVE MASTER PLAN

In view of developments that have put on hold an earlier Modernization Program for the Manila North through private sector privatization, PPA has conceptualized an Alternative Master Plan that excludes the related social costs (relocation of informal settlers) and proposes a phased implementation that will provide the least disruption or effect on operations.

PROJECT DESCRIPTION:

The plan involves a series of reclamations, improvements, mergings of piers, construction of new quay, construction of a passenger terminal building and reinforcement/repair works for the proposed three (3) phases starting at the Marine Slipway going southward to the Pier 2.

PROJECT DURATION:

The project is expected to take about 3 years to complete.

DREDGING COMPONENT:

Dredging alongside the berths and of the fairway is estimated to be at 3.1 million cu. meters.

PLANNING CONSIDERATIONS:

This master plan was conceptualized roughly on the basis of traffic (containers and general cargo) expected to be handled at the North Harbor up to the year 2013. Sufficiency of port capacity to accommodate the projected traffic for any given year is still subject to verification and further analysis. Port access and road network programs of DPWH LEADING TO North Harbor will also be taken into consideration.

OPERATIONAL CONSIDERATIONS:

The plan will have to incorporate various operational concerns before, during and immediately after completion of each phase particularly on how much disruption port users are prepared to absorb. Accordingly, consultations and public hearings at all stages of the project, especially at its conceptualization stage will have to be undertaken.

OTHER CONSIDERATIONS:

This master plan was formulated in a way that avoids involving the relocation of informal settlers and related issues, as mentioned above.

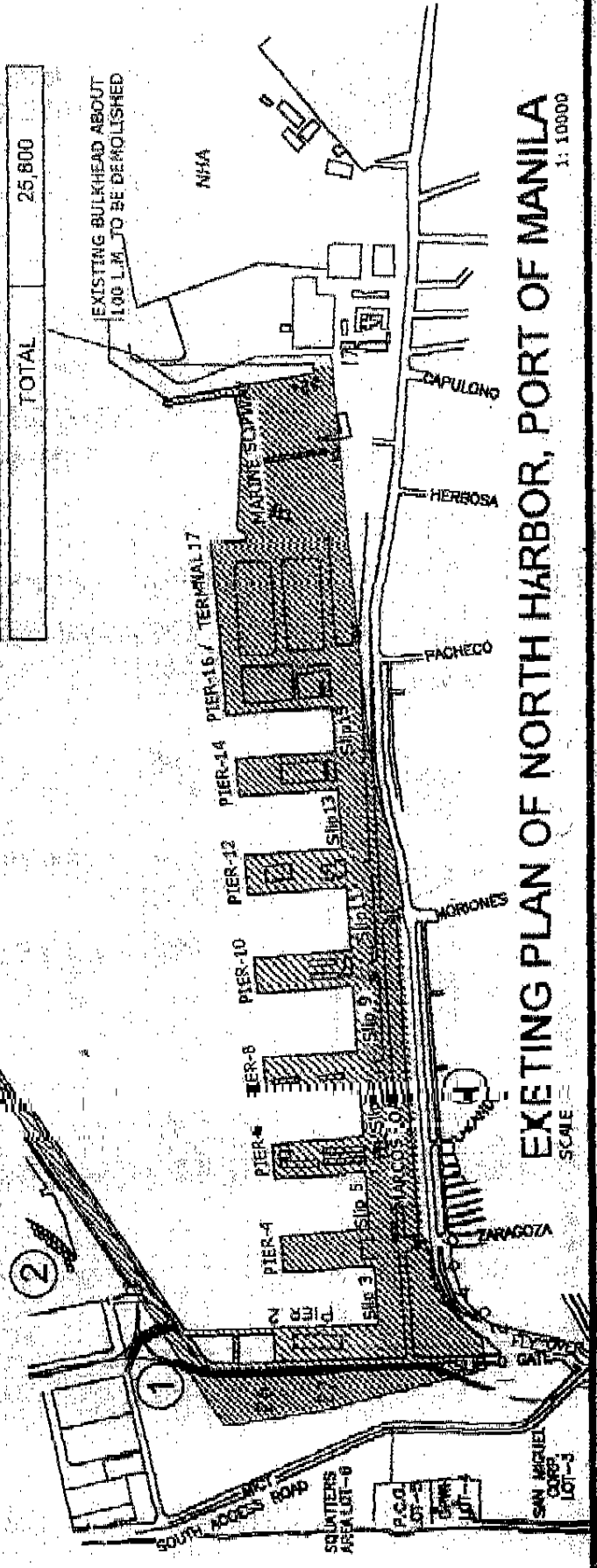
NORTH HARBOR	No. OF BERTH	BERTH LENGTH
PIER-2/PIER-2 EXTENSION	2 Berths	439.63 MT
SLIP 3	1 Berth	139.60 MT
PIER-4	5 Berths	512.75 MT
SLIP 5	1 Berth	138.40 MT
PIER-6	5 Berths	514.4 MT
SLIP 7	1 Berth	138.27 MT
PIER-8	5 Berths	522.17 MT
PIER-10	1 Berth	138.14 MT
PIER-12	5 Berths	521.80 MT
PIER-14	1 Berth	139.81 MT
PIER-16	5 Berths	521.58 MT
PIER-18	1 Berth	138.67 MT
PIER-20	5 Berths	525.32 MT
PIER-22 / TERMINAL 17	1 Berth	100.15 MT
Marine Slipway	5 Berths	645.27 MT
TOTAL	47 Berths	5,440.93 MT

PHILIPPINE PORTS AUTHORITY



LEGEND :
 EXISTING STRUCTURE
 SQUATTERS AREA
 TERRITORIAL JURISDICTION

INFORMAL SETTLERS AT NORTH HARBOR		
No	LOCATION	NO. OF FAMILIES
1	PAOLA AREA AND THE AREA NEAR DEL PAN BRIDGE	18,500
2	ISLA PUTING BATO (IPB)	2,000
3	BREAKWATER ALONG IPB	5,000
4	ALONG COLLECTOR ROAD	300
TOTAL		25,800



EXISTING PLAN OF NORTH HARBOR, PORT OF MANILA
 SCALE 1:10000