

LIPATA FERRY TERMINAL

Port Management Office of Surigao

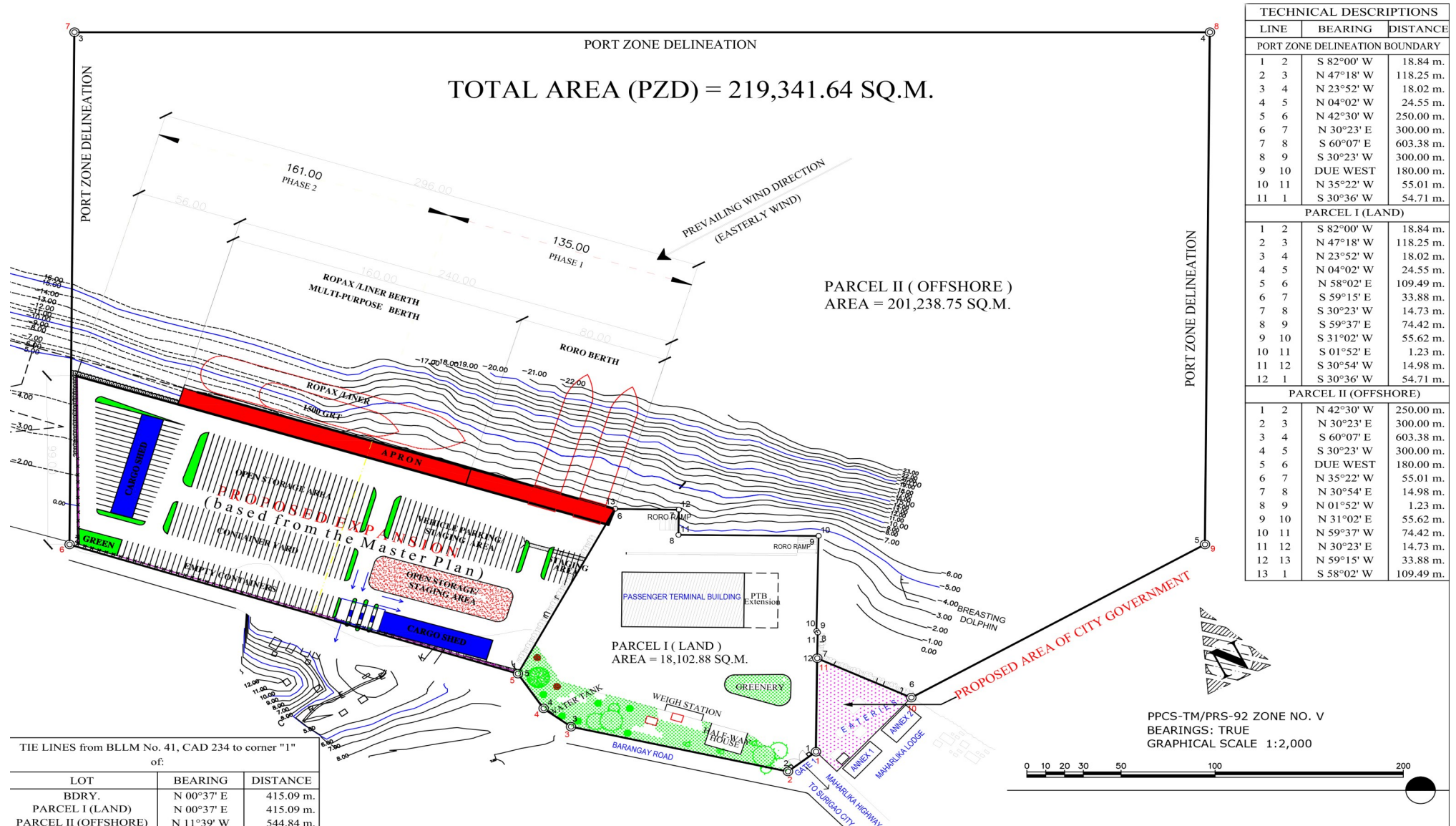
PORT PROFILE:

The Port of Lipata's beginnings can be traced as early as 1965 when the Pan Philippine Highway, also known as the Maharlika Highway, was first conceptualized to stimulate agricultural production by reducing transport cost, promoting countryside development, and expanding industrial production for both the domestic and foreign markets. A total port area of 22,911.70 sq.m., with 3 roro ramps and concrete paved marshalling area for outbound rolling cargoes. The Port of Lipata is located 11 kilometers Northwest of the city proper with coordinates of 09o48' N Latitude, 125o 26' E Longitude.



PORT LOCATION:

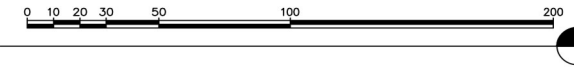
A. Port Limits



TECHNICAL DESCRIPTIONS		
LINE	BEARING	DISTANCE
PORT ZONE DELINEATION BOUNDARY		
1 2	S 82°00' W	18.84 m.
2 3	N 47°18' W	118.25 m.
3 4	N 23°52' W	18.02 m.
4 5	N 04°02' W	24.55 m.
5 6	N 42°30' W	250.00 m.
6 7	N 30°23' E	300.00 m.
7 8	S 60°07' E	603.38 m.
8 9	S 30°23' W	300.00 m.
9 10	DUE WEST	180.00 m.
10 11	N 35°22' W	55.01 m.
11 1	S 30°36' W	54.71 m.
PARCEL I (LAND)		
1 2	S 82°00' W	18.84 m.
2 3	N 47°18' W	118.25 m.
3 4	N 23°52' W	18.02 m.
4 5	N 04°02' E	24.55 m.
5 6	N 58°02' E	109.49 m.
6 7	S 59°15' E	33.88 m.
7 8	S 30°23' W	14.73 m.
8 9	S 59°37' E	74.42 m.
9 10	S 31°02' W	55.62 m.
10 11	N 01°52' E	1.23 m.
11 12	S 30°54' W	14.98 m.
12 1	S 30°36' W	54.71 m.
PARCEL II (OFFSHORE)		
1 2	N 42°30' W	250.00 m.
2 3	N 30°23' E	300.00 m.
3 4	S 60°07' E	603.38 m.
4 5	S 30°23' W	300.00 m.
5 6	DUE WEST	180.00 m.
6 7	N 35°22' W	55.01 m.
7 8	N 30°54' E	14.98 m.
8 9	N 01°52' W	1.23 m.
9 10	N 31°02' E	55.62 m.
10 11	N 59°37' W	74.42 m.
11 12	N 30°23' E	14.73 m.
12 13	N 59°15' W	33.88 m.
13 1	S 58°02' W	109.49 m.

TIE LINES from BLM No. 41, CAD 234 to corner "1" of:

LOT	BEARING	DISTANCE
BDRY.	N 00°37' E	415.09 m.
PARCEL I (LAND)	N 00°37' E	415.09 m.
PARCEL II (OFFSHORE)	N 11°39' W	544.84 m.



B. Total Port Area: 22,683 square meters

C. Sea Distance: Around 10 meters from the Lipata Ferry Terminal Building to the harbor waters

D. Land Access: Main Gate connects to the Pan-Philippine Highway

E. Entrance Channel: Surigao Strait leading to Bilang-Bilang Bay

F. Physical Environment:

Topography and Oceanography:

Surigao City is marked by rolling hills that gently buffers its eastern and western boundaries. To the south-west towers the Kabangkaan Ridge which divides the city from the municipality of San Francisco (formerly Anao-aon). Kinabutan River (otherwise known as Surigao River) meanders Surigao valley before it empties to the Surigao tidal basin, a shrinking mangrove swamp fast overtaken by the city's expansion. It has an average elevation of 19 meters or 65.5 ft. above sea level. The highest elevation on the mainland at the Kabangkaan Ridge has a peak elevation of 465 meters above sea level. Along the border of Tagana-an is Mapawa Peak with an elevation of 245 meters above sea level. Barangays Cabongbongan, Nabago and Capalayan are at the foot of its slopes.

More than two dozen islands and islets make up two fifths of the city's total land area. They are separated from the mainland by Hinatuan Passage, which connects Mindanao Sea to the Pacific Ocean. The largest island of Nonoc is marked by a rusty-red weathering mantle of lateritic nickel ore, visible from any vantage point on the mainland coast. Its highest elevation at 263 meters above sea level typifies most of its hilly terrain. Across the channel at Hikdop Island, the highest point is Mt. Telegrafo at 100.05 meters. Hinatuan Island is similar to Nonoc's bare and rusty-red hilly appearance. Other notable islands of Hanigad, Sibale, Bayaganan and Awasan are generally flat, covered mostly with coconut trees and assorted hardwoods. Large swaths of mangrove and nipa palm forests cover its brackish waterways and shallow fringes of its coastlines.

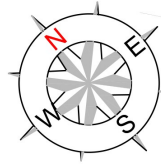
Meteorology and Climate:

Surigao del Norte is less frequented by typhoons as shown in the climate map of the Philippines of PAG-ASA, Weather Bureau. But the province is often as a reference point for tropical disturbances entering the country. It has a type II climate characterized by no pronounced dry season with a very pronounced maximum rain period from November to January.

Seismic Conditions:

Two (2) active fault lines run parallel along the boundary of the Municipality of San Francisco and Surigao City and traversing along the Arellano District up to the Municipality of Tagana-an. These are the fault zones identified by the PHIVOLCS and the survey conducted by the United Nations Revolving Fund for Natural Exploration (UNRNFRE).

PORT FACILITIES



BLOCK-1

Total Land Area = 2,722.02m²

- LOT-1: Guard House = 9m²
- LOT-2: Halfway House = 160m²
- Setback = 585.42m²
- LOT-3: Generator Set = 12m²
- LOT-4: Weighing Counter = 9m²
- LOT-5: Weighing Bridge = 100m²
- LOT-6: Storage Rooms = 37m²
- LOT-7: Water Tank = 75.63m²
- LOT-8: Elevated Water Tank = 36m²
- Landscaped with Rip rap Area = 1,697.97m²

BLOCK-2

Total Land Area = 3,425.55m²

- LOT-1: Queuing Area = 444.89m²
- LOT-2: Landscaped Area = 496.43m²
- LOT-3: Queuing Area = 275.98m²
- LOT-4: Queuing Area = 1,159.60m²
- LOT-5: Ticketing Booth = 7.2m²
- LOT-6: Guard House = 9m²
- LOT-7: Covered Walkway = 184.4m²
- Roadway = 848.05 m²

BLOCK-3

Total Land Area = 5,768.95m²

- LOT-1: Pre-Departure Bldg. (PHILHARBOR) = 1,100m²
- LOT-2: Arrival Area Bldg. = 467.25m²
- LOT-3: Buses Parking Area = 214.34m²
- LOT-4: Customer Parking Area = 645.42m²
- LOT-5: Queuing Area = 771.92m²
- Roadway/ Walkways = 2,570.02m²

BLOCK-4

Total Land Area = 3,191.21m²

- LOT-1: RO-RO Ramp = 169.50m²
- LOT-2: Apron = 1,287.08m²
- LOT-3: RO-RO Ramp = 220m²
- LOT-4: RO-RO Berth = 359.23m²
- LOT-5: RO-RO Berth = 334.63m²
- LOT-6: RO-RO Ramp = 48.00m²
- LOT-7: Apron = 679.61m²
- Deflector wall = 93.16m²

BLOCK-5

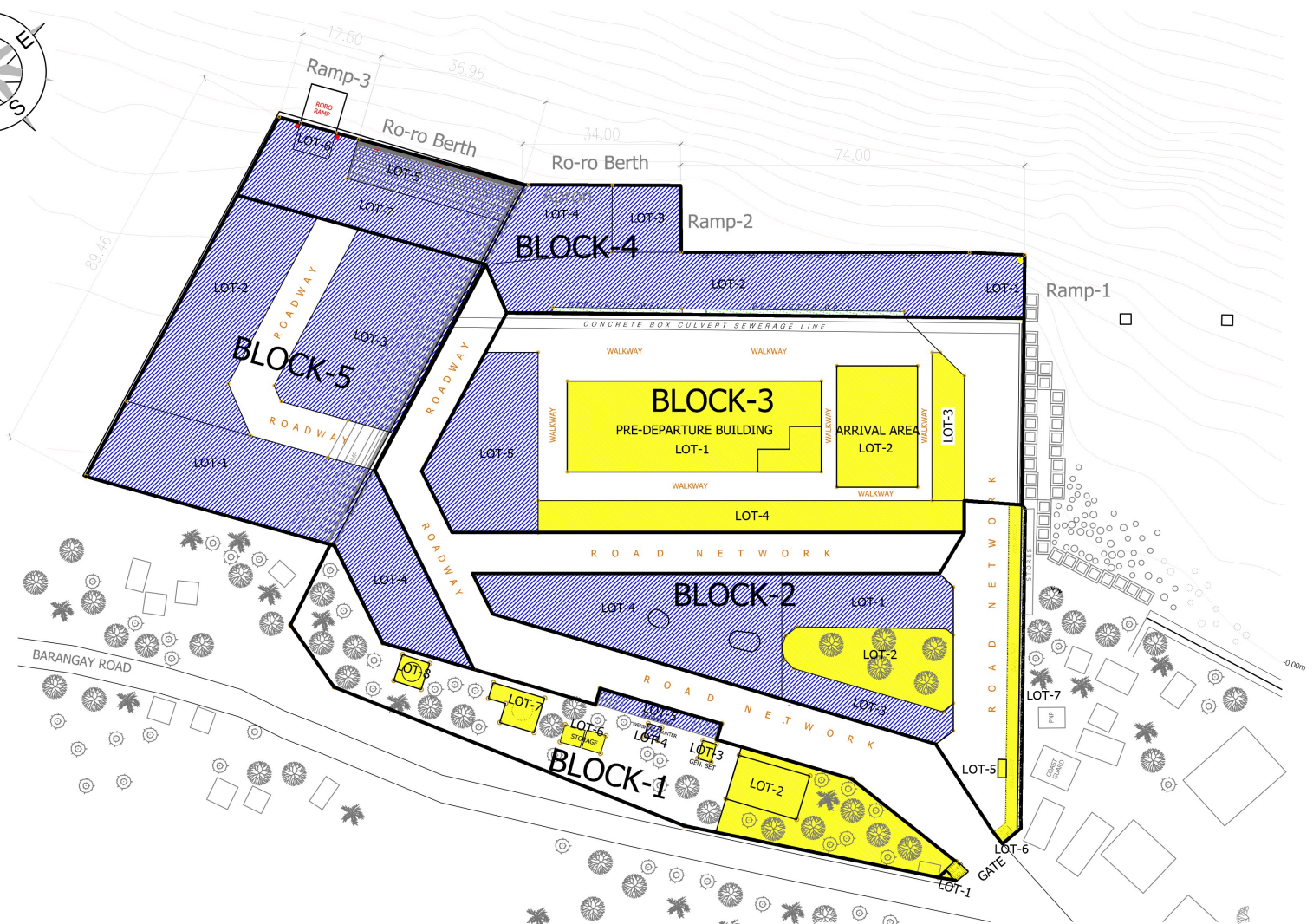
Total Land Area = 4,372.49m²

- LOT-1: Marshalling Area = 1,023.96m²
- LOT-2: Marshalling Area = 952.26m²
- LOT-3: Queuing Area = 1,171.58m²
- LOT-4: Dangerous Cargo Area = 549.34m²
- Roadways = 675.35m²

Total Area of all Blocks = 19,480.22m²

Total Area of Road Network / Walkways = 3,202.78m²

Total Land Area = 22,683.00 m²



PORT LAYOUT PLAN
SCALE 1:1000 M

Legend:

- Operations Area
- Commercial/Support Facility

PORT SERVICES

I. Vessel Services:

- A. Pilotage: Surigao Harbor Pilots Association
- B. Towing/Tugging: Philippine Archipelago Ports and Terminal Services Inc.
- C. Line Handling: Philippine Archipelago Ports and Terminal Services Inc.
- D. Mooring/Unmooring: Philippine Archipelago Ports and Terminal Services Inc.

II. Cargo Services Provider: Philippine Archipelago Ports and Terminal Services Inc.

Services Offered:

- A. Cargo Checking
- B. Cargo Surveying

III. Passenger Services:

- A. Passenger Terminal Building: 2,167 square meters.
- B. Booking/Ticketing Office:
 - 1. Archipelago Philippine Ferries Corp.
 - 2. Montenegro Shipping Lines Inc.
 - 3. GT Shipping Corporation
 - 4. Santa Clara Shipping Corporation



**SHIPPING LINES and SCHEDULE OF VESSELS THAT DOCK AT THE PORT
Lipata Ferry Terminal**

Shipping Line	Vessel Type/Name	Arrival	Departure	Last Port	Next Port
Archipelago Philippine Ferries Corp.	MV Fastcat M14	0600H	0800H	Liloan	Liloan
Archipelago Philippine Ferries Corp.	MV Fastcat M7	1400H 2200H	1600H 0000H	Liloan	Liloan
Montenegro Shipping Lines, Inc.	MV Ma. Felisa	0200H	0600H	Benit	Benit
Montenegro Shipping Lines, Inc.	MV Ma. Vanessa	0600H 1400H 1800H	1000H 1800H 2200H	Benit	Benit
GT Express Shipping Corporation	GT Express 1 (LCT)	1000H 2200H	1130H 2330H	Liloan	Liloan
Sta. Clara Shipping Corporation	MV King Frederick	0400H 1600H	0700H 1900H	Liloan	Liloan

