

GOVERNMENT OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL IMPACTS CONTROL

Jln. T. David No. 5 Telephone (061) 4537050 Fax (061)

4537050

MEDAN

ANNOUNCEMENT OF INDUSTRIAL AREA AND DEDICATED PORT

DEVELOPMENTS PLAN

No: 561/BPD L. SU/BTL/2003

1. IN CONNECTION WITH THE LETTER OF PT. INDUSTAMA PERKASA
NUMBER:

045 SAP/SK/VI/03 DATED JUNE 11, 2003 ABOUT THE AMDAL OR
ENVIRONMENTAL IMPACT ANALYSIS PREPARATION FOR KUALA
TANJUNG INDUSTRIAL AREA DEVELOPMENT LOCATED IN ASAHAN
DISTRICT, AND ACCORDING TO GOVERNMENT REGULATION NO: 27
OF 1999 CONCERNING ENVIRONMENTAL IMPACT ANALYSIS, AND
DECISION OF THE HEAD OF BAPEDAL NO.08 OF 2000 CONCERNING
COMMUNITY INVOLVEMENT AND DISCLOSURE OF INFORMATION IN
ENVIRONMENTAL IMPACT ANALYSIS PROCESS, WE HEREBY WOULD
LIKE TO INFORM THAT:

- COMPANY NAME : PT. SARANA INDUSTAMA PERKASA
- OFFICE ADDRESS : JL. -UJUNG SERDANG Km 11.5

No.60

TANJUNG MORAWA DELI SERDANG

- BUSINESS LOCATION

VILLAGES : LALANG

SUB DISTRICT : MEDANG DERAS

DISTRICT : ASAHAN

PROVINCE : NORTH SUMATERA

- BUSINESS TYPE : 1. DEVELOPMENT OF INDUSTRY

AREA OF APPROXIMATELY 70 Ha

- 2. DEDICATED PORT WITH MASSIVE

CONSTRUCTION 2.6 Km IN

LENGTH, 4.25 Km² IN WIDTH

AND SHIPPING VISIT WITH

MAXIMUM WEIGHT OF 55.000

DWT IN A NEW INDUSTRY AREA.

WE WILL PERFORM ENVIRONMENTAL IMPACT ANALYSIS FOR BUSINESS ACTIVITIES ABOVE.

FOR THE COMMUNITY THAT WILL PROVIDE ADVICE, OPINION AND RESPONSE TO THIS BUSINESS PLAN CAN BE GIVEN IN WRITING WITH THE FOLLOWINGS CONDITION:

- USE GOOD AND PROPER INDONESIAN LANGUAGE
- WRITE CLEARLY SO IT IS READABLE AND UNDERSTANDABLE
- COMPLETE THE IDENTITY (NAME, ADDRESS, ETC.)
- SUBMIT TO THE GOVERNOR OF NORTH SUMATRA, FOR ATTENTION OF HEAD OF BAPEDALDA OF NORTH SUMATERA PROVINCE JL. T. DAUD.NO.5 MEDAN PHONE/FAX (061) 4537050 WITH COPY TO THE REGENT OF ASAHAN.
- SUCH ADVICES, OPINIONS AND RESPONSES MUST BE RECEIVED AT LEAST WITHIN 30 (THIRTY-FIVE) WORK DAYS SINCE THE DATE OF ANNOUNCEMENT.

THIS ANNOUNCEMENT IS MADE FOR USE AS APPROPRIATE.

MEDAN, 22 AUGUST 2003

HEAD OF BAPEDALDA OF NORTH
SUMATERA PROVINCE

Drs. H. HAKIMIL NASUTION
JUNIOR ADMINISTRATOR
ID No. 010055563

Appendix 3

Results Of Environmental Impact Analysis (EIA)

Socialization

PT. SARANA INDUSTAMA PERKASA

LIST OF RESEARCH QUESTIONS ON SOCIAL, ECONOMIC, CULTURAL ASPECTS FOR DEDICATED PORT DEVELOPMENT OF PT. INDUSTAMA PERKASA SANANA

RESPONDENT IDENTITY

- Name of Respondent/Household :
- Gender : 1. Male 2. Female
- Age : ...years old
- Religion : 1. Islam 4. Hindu
2. Catholic 5. Buddha
3. Protestant 6. Others
- Status of Respondents : 1. Village Staff
2. Community Leaders
3. Ordinary People
- Respondent's Address : 1. RT/RW :.....
2. Kampung :.....
3. Kelurahan :.....
4. Kecamatan :.....
- Last Education : College Senior High School
 Junior high school Finished Elementary School
 Not Finished None

Elementary

School

Others

Period of living in :Years

this area

Less than 1 year

1-5 years

More than 5 years

In connection with the Dedicated port Development Plan, are there your any assets/property released?

Yes, there are

No, there are not

If yes, what are they?

House : m²

Yard : m²

Field : m²

Pond : m²

Others : m²

How much the compensation value for each asset:

House : Rp..... Rp.....

Yard : Rp..... Rp.....

Field : Rp..... Rp.....

Pond : Rp..... Rp.....

Others : Rp..... Rp.....

Main livelihood : Farm worker Farmer

Merchant Pond owner

Pond worker Industry
worker

Warung owner TNI/ POLRI

Government
employee

Others (please specify):....

Type of side job

: Farm worker Farmer

Merchant Pond owner

Pond worker Industry
worker

Warung owner TNI/ POLRI

Government employee

Others (please specify):....

Number of family members are: people

Daughter ... People, Son... people.

Other family members:.... people

Structure of the family age member:

0-14 years old : people

15-59 years old : people

: people

SOCIO-ECONOMIC COMPONENT

Status of residence:

- Owned
- Rent from:
- Join with family
- Join with....

Family income every month

Husband's main job	:Rp.
Wife's job	:Rp.
Family side job	:Rp.
Other family members' income	:Rp.
Total	<hr/> :Rp.

Monthly expenses

Meal	:Rp.
Drink	:Rp.
Household	:Rp.
Education	:Rp.
Social	:Rp.
Total	<hr/> :Rp.

HOUSING AND HEALTH OF COMMUNITY

The house building consists of

- Full walled house
- Half brick house
- Bamboo wood-made house
- Wooden board-made house
- Others

The floor of the house consists of:

- Tiles
- Cement
- Dirt
- Brick
- Others

The roof of the house consists of:

- Asbestos
- Tile
- Zinc roofing
- Rumbia

Water source for bath/laundry

- Dug wells
- Artetic wells
- Protected water spring

- Public hidrant
- PAM/Plumbing/water from city water company
- Water vendor
- Others

Water source for cooking:

- Dug well
- Artetic well
- Protected water spring
- Public hidrant
- PAM/plumbing
- Water vendor
- Others

Where do you defecate?

- River
- Ponds
- Family toilet
- Others

The type of faeces tank is made of

- Septic tank with seepage
- Septic tank without seepage
- Dug well
- Channelled to ponds

Channelled to river/ ditches

Type of garbage dump

Trash bin

Garbage holes

Any place

Others

Waste management

Made to be fertilizer

Backfilled with soil

As soil backfiller

Burnt

Collected and disposed to landfill

Others

During last year, did your family have dangerous diseases?

Yes, they did

No, they did not

If yes, what did cause it?

Died

Age

..... .years old

..... .years old

The disease often suffered by the family

- Influenza
- Itching disease
- Others

In your opinion, is this residence comfortable?

- Yes, it is
- No, it is not

If yes why?

- Not noisy
- Close to workplace
- Good neighbor relationships (please describe the form and frequency)

If not, why?

- It has been polluted
- Not safe
- Often evicted
- Others

SOCIAL RELATIONSHIPS

In your opinion, are there still activities that are done together by the citizens?

- Yes, there are
- No, there are not

If yes, what activity?

- Work to clean the environment
- Fix the road/bridge
- Fix the house
- Event/death
- Others

In your opinion, how is the existence of activities done together by people today?

- The same
- Decreasing
- Better

If better, what causes it?

.....
.....

What meetings are still here?

1. Freq.....
2. Freq.....
3. Freq.....
4. Freq.....

COMMUNITY PERCEPTION ABOUT THE ACTIVITIES PLAN

Do you know that a dedicated port will be built here?

- Yes, I do
- No, I don't

If yes, from whom you get the information?

- Pamong kelurahan
- Father/mother/family
- Newspaper/radio
- Friend
- From the poster of Plaza Teladan development
- Others

How do you feel? How is your attitude towards the plan of the Dedicated port development?

- Agree
- Disagree (to: p 5)
- It's up to the government

If you agree what is your reason?

- As a sign of participation in development
- Because of government programs
- Others,

If you do not agree, what is your reason?

- Will lose home, land, or other property
- Cause negative environmental impacts
- Others,

In your opinion, how the existence of this Dedicated port development?

- Not disturbing
- Disturbing noises
- Gas discharged is disturbing

What is your positive view of the Dedicated port activities plan?

- Availability of employment for the surrounding community
- Possibility of opening a business (informal)
- Reduced unemployment rate
- Increasing public income.
- The area will become more crowded

Other, please specify ..

What is your negative opinion of this Dedicated port activities plan?

- Possible loss of income
- Increasing population density
- Increasing traffic density
- Declining levels of security (kamtibmas)
- Other, please specify ..

Until now, how many times have you exposed to the project?

- Once (now)
- 2 times, specify what project.....
- 3 times; specify what project.....
- Never

What is the value of compensation, for each of your assets?

- House Value Rp.
- Yard Value Rp.
- Others Value Rp.

What is your opinion about the determination of the amount of indemnity by the proponent?

Too high

Adequate

Too low

What is your opinion/expectation on the development of PT.

Means of Industri Perkasa?

.....

.....

Appendix 4

Results of Laboratory Analysis

PT. SARANA INDUSTAMA PERKASA

ENVIRONMENTAL IMPACT CONTROL OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL LABORATORY

JL, H.M. Said No. 25. Tel. 4526552 Fax. 4526552 Medan

REPORT ANALYSIS

Number: 132. B/LLPSU/2003

Orderer : Bapedalda of North Sumatra Province

Sample Type : Ambient Air

Sample Locations : PT. DOMBA MAS (Kuala Tanjung) ASAHAN

1. Factory Location PT. Domba Mas

2. Residential areas

Date Received : September 18, 2003

Sampling : Bapedalda of North Sumatra Province

Order Number : B. 07/LLPSU/1X/2003

PARAMETER	UNIT	RESULTS		METHOD
		01	02	
SO2	$\mu\text{g}/\text{Nm}^3$	14.1	10.2	JIS B 7952 - 77 - 95
NO2	$\mu\text{g}/\text{Nm}^3$	68.3	44.8	JIS B 7953 - 81
Dust	$\mu\text{g}/\text{Nm}^3$	83.4	166.7	JIS B 7954 - 88

Pb	$\mu\text{g}/\text{Nm}^3$	<0.01	<0.01	SNI M-88- 1990-30
Noise	decibel	59.57	61. 39	Sound Levelmeter

Medan, September 25, 2003

Head of Environmental
Laboratory

Ir. Hidayati, M.Si.

NIP. 090020076

THE TEST RESULTS JUST APPLY TO THE EXAMPLE ABOVE AND COULD NOT
BE COPIED UNLESS THERE IS A WRITTEN AGREEMENT FROM THE
ENVIRONMENTAL LABORATORY OF BAPEDALDA OF NORTH SUMATERA PROVINCE

ENVIRONMENTAL IMPACT CONTROL OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL LABORATORY

JL, H.M. Said No. 25. Tel. 4526552 Fax. 4526552 Medan

REPORT ANALYSIS

Number: 133. B/LLPSU/2003

Orderer : Bapedalda of North Sumatra Province

Sample Type : Clean Water

Sample Locations : 01/ABA₁ - K² - 1 (Great River)
02/AB₁ - K² - 1 (Drilling Well)
03/AB₂ - K² - 2 (Residents' Well)
04/AB₂ - K² - 2 (Sono River)

Date Received : September 18, 2003

Sampling : PT. Kuala Biru

Order Number : B. 131/LLPSU/IX/2003

Parameter	Unit	Results				Method
		01	02	03	04	
???		7.23	8.42	7.73	6.74	SNI 06-2413- 1991
???	mg/L	5.68	7.51	6.09	7.31	SNI M 11-1990
???	mg/L	5	8	9	165	IK PSPDL 30085/1.0/200

???	mg/L	2.84	3.96	2.44	69	JIS K 0102-21
???	mg/L	0.11	1.4	0.25	-	Salicylate
???	mg/L	68	56	20	100	JIS K 0102 - 24
Fat Oil	mg/L	19	5	4	-	JIS K 0102-24
???	mg/L	0.32	0.12	0.48	-	JIS K 0102 - 46.3
???	mg/L	1.18	1.10	19.88	-	JIS K 0102 43.2 4
(Nitrit)						
???	mg/L	<0.01	1	67		Sulfa Ver.4
???	mg/L	0.008	0.001	0.003		Metylen Blue
???	mg/L	0.08	0.07	0.06	-	JIS K 0102 43.24
(Nitrat)						
???	mg/L	1.60	0.39	0.24	-	SNI M-89-1990 - 0.3
???	mg/L	0.62	2.44	2.78	-	JIS K 0102 51.2
???	mg/L	0.05	0.03	0.11	-	SNI M-73 -1990- 30

Note : "-" not tested

Parameter	Unit	Results		Method
		ABA - M.1	ABA M.2	
Total Coliform	Jlh/100ml	240+	240+	MPN

Total	Jlh/100ml	240+	240+	MPN
Coliform				

Medan, September 25, 2003

Head of Environmental
Laboratory

Ir. Hidayati, M.Si.

NIP. 090020076

THE TEST RESULTS JUST APPLY TO THE EXAMPLE ABOVE AND COULD NOT
BE COPIED UNLESS THERE IS A WRITTEN AGREEMENT FROM THE
ENVIRONMENTAL LARORATORY OF BAPEDALDA OF NORTH SUMATERA PROVINCE

ENVIRONMENTAL IMPACT CONTROL OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL LABORATORY

JL, H.M. Said No. 25. Tel. 4526552 Fax. 4526552 Medan

REPORT ANALYSIS

Number: 131. B/LLPSU/2003

Orderer : Bapedalda of North Sumatra Province
Sample Type : Sea Water
Sample Locations : PT. DOMBA MAS (KUALA TANJUNG) ASAHAN
Date Received : September 18, 2003
Sampling : Bapedaldasu Environmental Laboratory
Staff
Order Number : B. 130/LLPSU/IX/2003

Parameter	Unit	Results			Method
		Left Edge	Center	Right Edge	
		01	02	03	
Temperature		26,6	26,7	26,7	SNI M.03-1989
pH		7,00	7,43	6,86	SNI 06.2413-1 V91
TDS	mg/L	18100	18001	17900	SNI M-(13-1989)
Turbidity	mg/L	9,90	5,64	9,90	SNI M-03-1989
DO	mg/L	7,5	7,5	7,5	SN1 M-11-1990
Salinity	mg/L	29,6	25,2	24,5	SN1 M-03-1989

BOD	mg/L	65	73	71	JIS K 0102-21
COD	mg/L	160	153	159	1K PSPDL 30085/1.0/200
TSS	mg/L	100	58	96	JIS K 0102 - 24
SO ₄ (Sulphate)	mg/L	2350.	2350	2400	Sulfa Ver.4
NH ₃	mg/L	0,01	0,01	0,01	Salicylate
Nitrite (NO ₂)	mg/L	0,01	0,01	0,01	JIS K 0102 43.1.1
MBAS	mg/L	0,44	0,38	0,31	JIS K 0102 - 30
Oil/ Fat	mg/L	53	241	126	JIS K 0102-24
Cr ⁶⁺	mg/L	0,01	0,01	0,01	AAS
Hg	mg/L	<0,0005	<0,01(15	<0,0005	AAS
Pb	mg/L	0,08	0,26	0.23	AAS
Cd	mg/L	<0,001	<0,005	<0,073	AAS
As	mg/L	<0,005	<0,005	<0,005	AAS
Se	mg/L	<0,02	<0,02	<0,02	AAS
Ni	mg/L	<0,02	<0,02	<0,02	AAS
Cyanide	mg/L	0,008	0,0(11	0,009	Pyridine Pyrozone
Mn	mg/L	0,008	0,001	0,009	AAS
Ba	mg/L	<0,01	<0,01	<0,01	AAS
Co	mg/L	<0,01	<0,01	<0,01	AAS
B	mg/L	<0,001	<0,001	<0,001	AAS
Zn	mg/L	<0,005	0,001	0,001	AAS

Medan, September 25, 2003

Head of Environmental
Laboratory

Ir. Hidayati, M.Si.

NIP. 090020076

THE TEST RESULTS JUST APPLY TO THE EXAMPLE ABOVE AND COULD NOT
BE COPIED UNLESS THERE IS A WRITTEN AGREEMENT FROM THE
ENVIRONMENTAL LABORATORY OF BAPEDALDA OF NORTH SUMATERA PROVINCE

ENVIRONMENTAL IMPACT CONTROL OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL LABORATORY

JL, H.M. Said No. 25. Tel. 4526552 Fax. 4526552 Medan

REPORT ANALYSIS

Number: 34. B/LLPSU/2003

Orderer : Bapedalda of North Sumatra Province
Sample Type : Sea Water
Sample Locations : PT. DOMBA MAS (KUALA TANJUNG) ASAHAN
Date Received : September 18, 2003
Sampling : PT. KUALA BIRU
Order Number : 132.B/LLPSU/IX/2003
Page :

PARAMETER	RESULTS		
	01	02	03
Phytoplankton			
<i>Bacillariophyceae</i> Class			
Asterionella	45	43	40
Chactoceros	42	40	40
Cymbella	35	35	38
Fragilaria	35	40	40
Gyrosigma	30	35	38

Navicula	40	38	35
Syinedra	37	40	40
Tabellari	35	37	40
<i>Chlorophyceae</i> Class			
Ankistrodermus	30	35	35
Coscinodiscus	35	34	35
Dinophysis	38	35	40
Noctiluca	40	35	38
Rhizosolenia	35	37	37
Skeletonema	37	32	35
Spirogyra	30	32	30
Thalassiosira	52	50	50
<i>Cyanophyceae</i> Class			
Mirismopedia	42	40	40
Osillatoria	35	32	35
Trichodesmium	45	40	43
Total Phytoplankton/L	728	710	729
Total Taksa	19	19	19
Diversity Index	1,95	1,95	1,95
Variety Index	0,56	0,66	0,06
Zooplankton			

Ciliata Class			
Euplotes	30	27	27
Halteria	28	25	25
Stylonyshia	27	30	30
<i>Crustaceae Class</i>			
Arcocalamus	25	28	25
Amphileptus	28	30	30
Cyclops	30	27	25
Diaptomus	27	25	25
Eubrancipus	27	30	30
Limnocalamus	30	27	27
Nauplius	25	28	30
<i>Flagellata Class</i>			
Ceratium	27	25	30
Noctiluca	30	32	32
Peridinium	25	28	28
<i>Rotifera Class</i>			
Pleosoma	25	26	25
Testudinella	25	25	25
Total	419	423	424
Zooplankton/L			
Total Taksa	15	15	15
Diversity Index	1,82	1,82	1,82
Variety Index	0,63	0,63	0,63

Benthos			
<i>Bivalvia Class</i>			
Psidium lijborgii	12	12	18
Sphaerium come	18	18	18
<i>Gastropoda Class</i>			
Nerita bermanica	24	24	24
Terebralia polistris	18	24	24
<i>Polycaeta Class</i>			
Nereis sp	24	24	24
Stenalais sp	18	24	24
Total Benthos/m ²	114	126	128
Total Taxa	5	5	6
Diversity Index	1,42	1,42	1,42
Variety Index	0,51	0,51	0,51

Medan, September 25, 2003

Head of Environmental
Laboratory

Ir. Hidayati, M.Si.

NIP. 090020076

THE TEST RESULTS JUST APPLY TO THE EXAMPLE ABOVE AND COULD NOT
BE COPIED UNLESS THERE IS A WRITTEN AGREEMENT FROM THE
ENVIRONMENTAL LABORATORY OF BAPEDALDA OF NORTH SUMATERA PROVINCE

ENVIRONMENTAL IMPACT CONTROL OF NORTH SUMATRA PROVINCE

ENVIRONMENTAL LABORATORY

JL, H.M. Said No. 25. Tel. 4526552 Fax. 4526552 Medan

REPORT ANALYSIS

Number: 34. B/LLPSU/2003

Orderer : Bapedalda of North Sumatra Province
Sample Type : Sea Water
Sample Locations : PT. DOMBA MAS (KUALA TANJUNG) ASAHAN
Date Received : September 18, 2003
Sampling : PT. KUALA BIRU
Order Number : 132. B/LLPSU/IX/2003
Page :

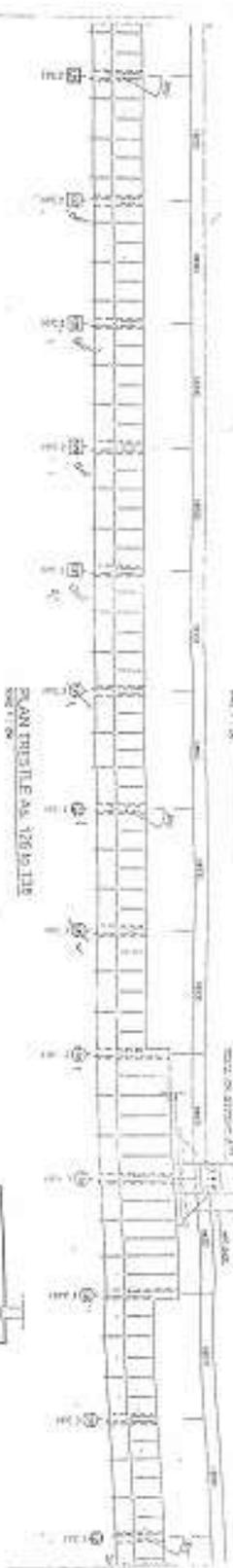
Appendix 5

DED of Port Construction

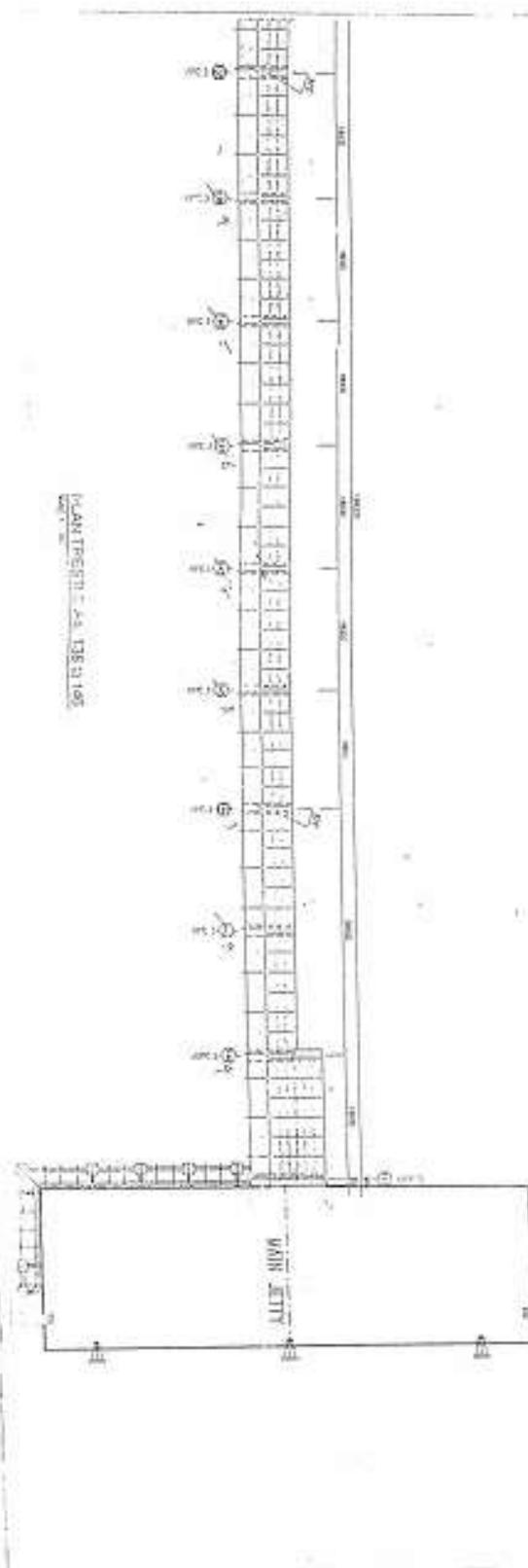
PT. SARANA INDUSTAMA PERKASA



PLAN TROUSSELE NO. 11410 128

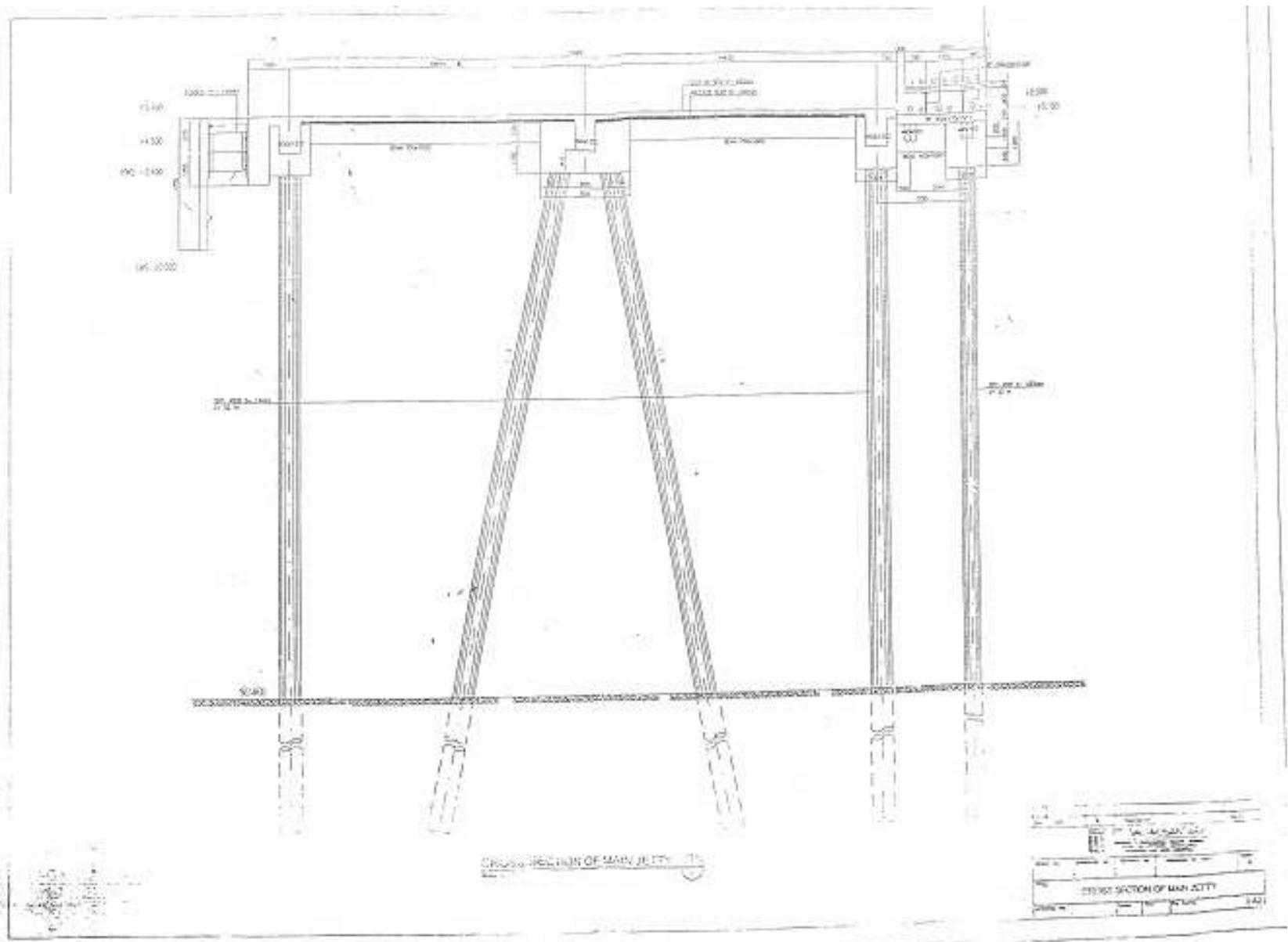


PLAN TROUSSELE NO. 12510 128



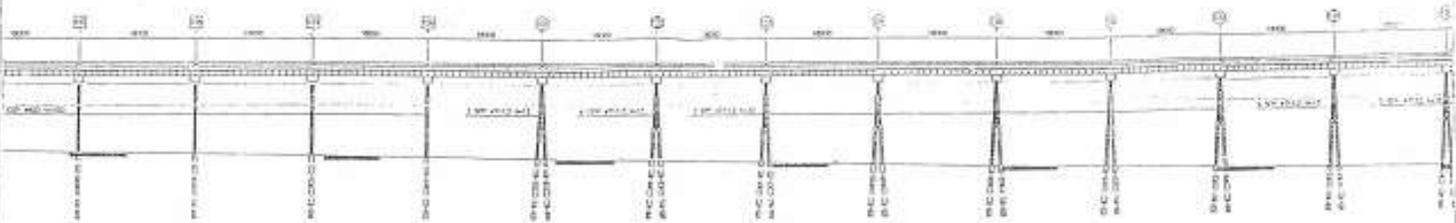
PLAN TROUSSELE NO. 13810 128

11
 TROUSSELE
 NO. 13810 128
 128

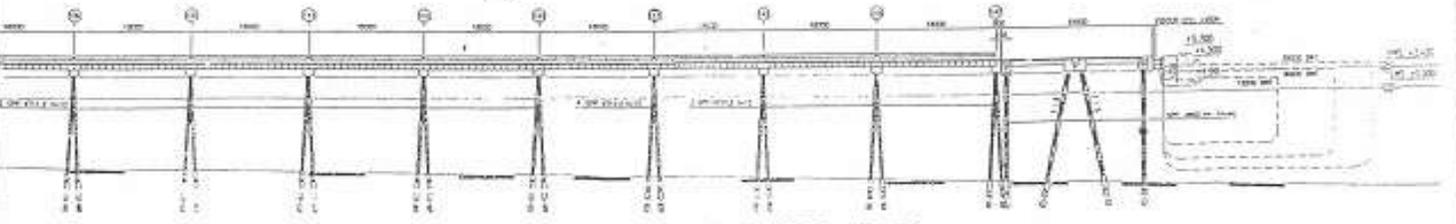




LONG SECTION OF TREESTLE No. 115 to 127
SCALE 1/4" = 1'-0"

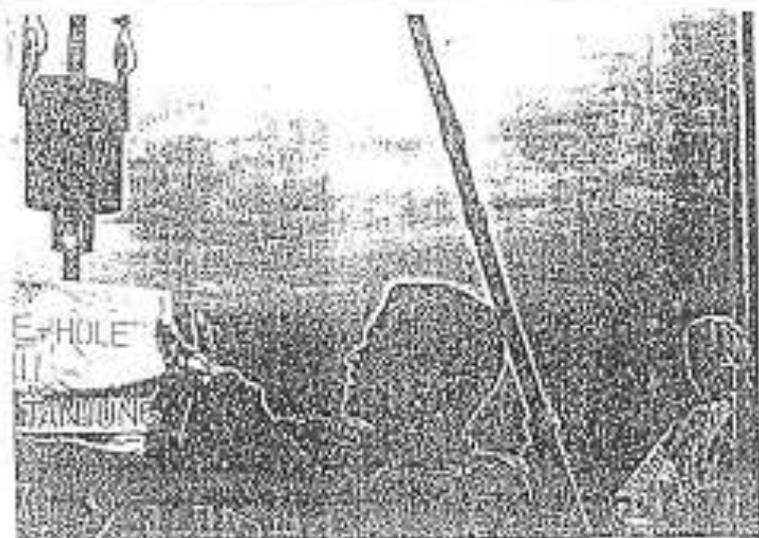


LONG SECTION OF TREESTLE No. 127 to 139
SCALE 1/4" = 1'-0"

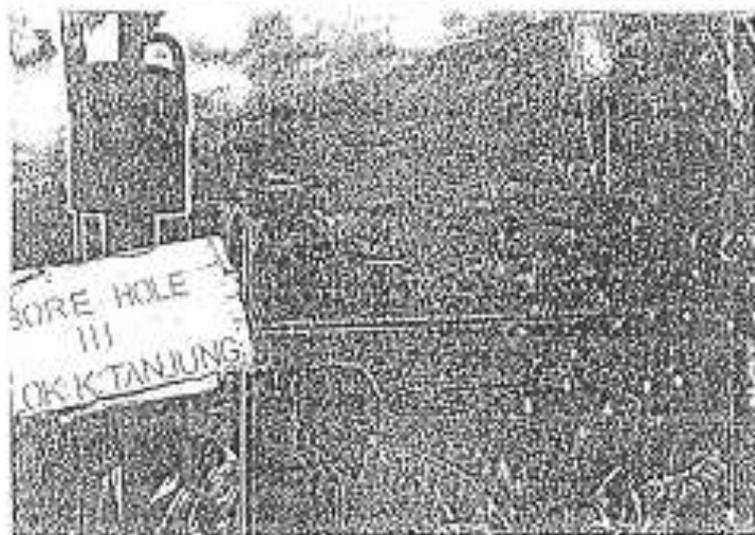


LONG SECTION OF TREESTLE No. 137 to 138
SCALE 1/4" = 1'-0"

PROJECT NO. 115 DRAWING NO. 115 SHEET NO. 115	
LONG SECTION OF TREESTLE No. 115	
DATE: _____	SCALE: _____
DRAWN BY: _____	CHECKED BY: _____



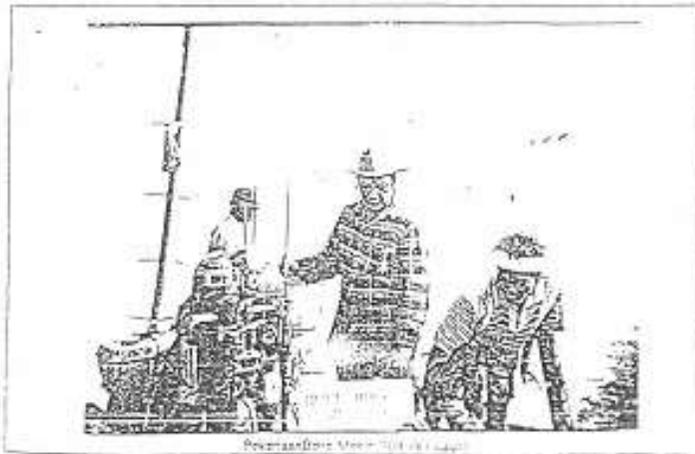
Pekerjaan Bore Measi (III - III Lusi)



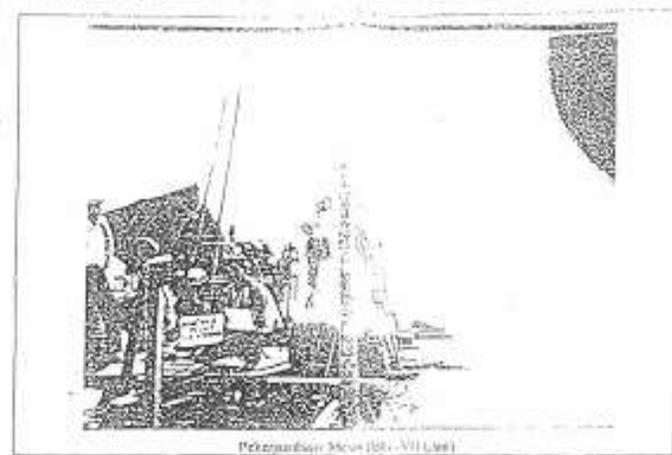
Pekerjaan Bore Measi (III - III Lusi)



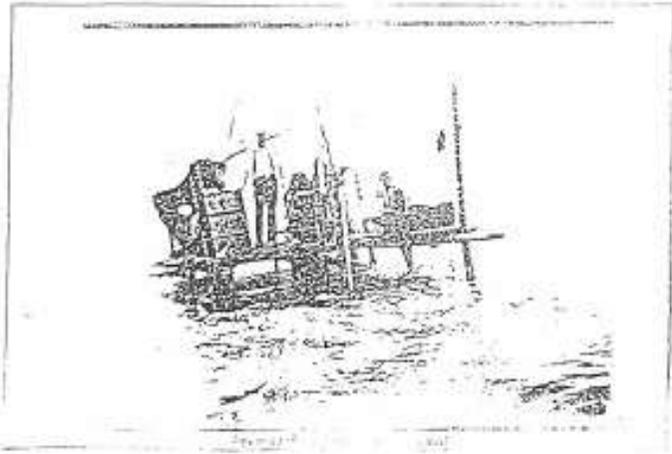
Pekerjaan Bore Mesa (BN - VI Lave)



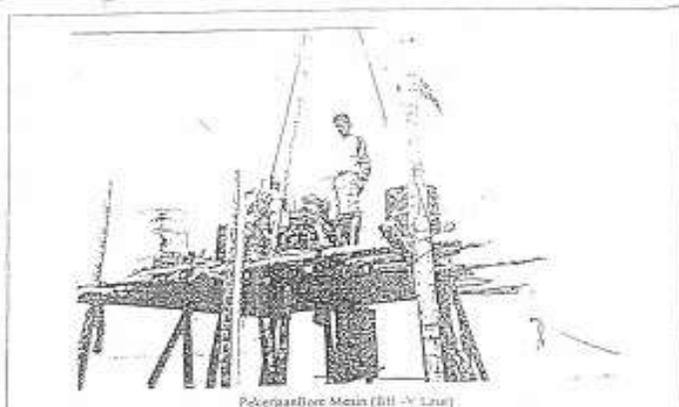
Pekerjaan Bore Mesa (BN - VI Lave)



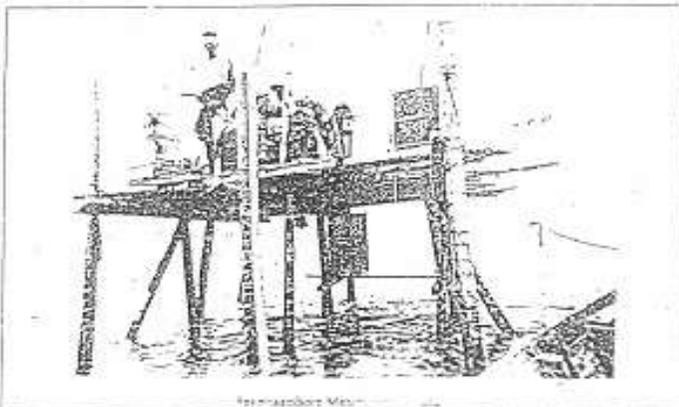
Pekerjaan Bore Mesa (BN - VI Lave)



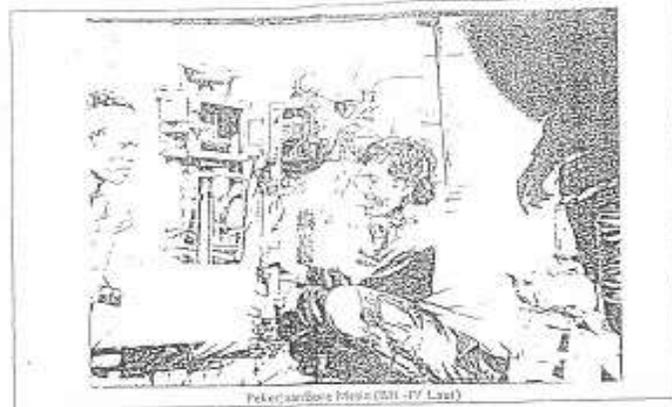
Pekerjaan Bore Mesa (BN - VI Lave)



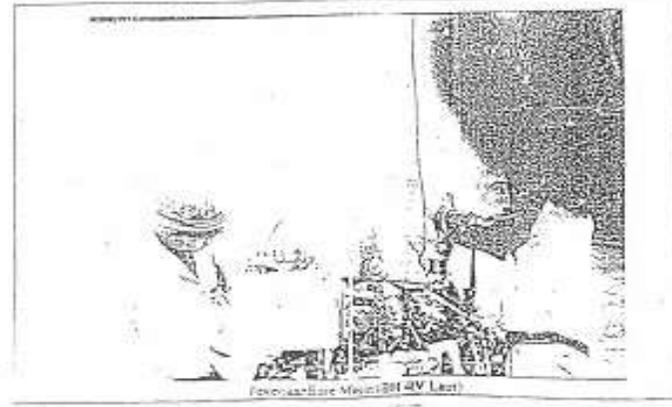
PekerjaanBore Mesin (BII -V Last)



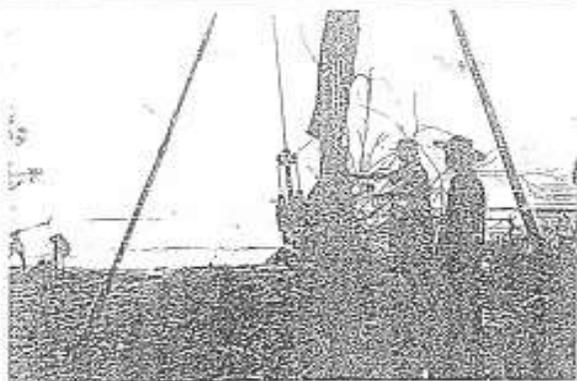
PekerjaanBore Mesin



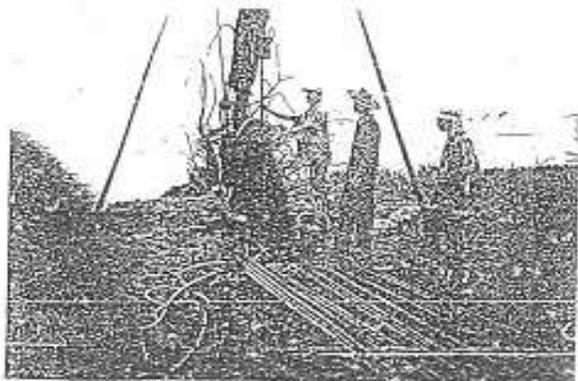
PekerjaanBore Mesin (BII -IV Last)



PekerjaanBore Mesin(BII-IV Last)



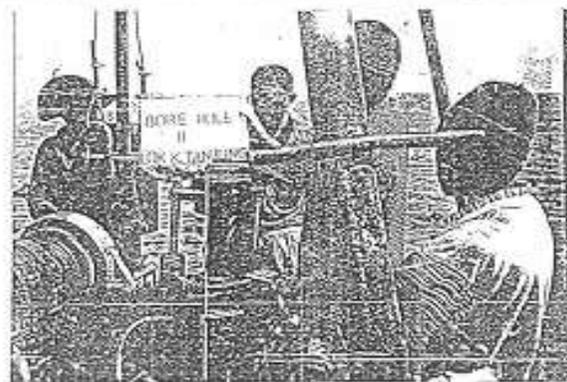
Pekerjaan Bor Mele (BM-I) Last



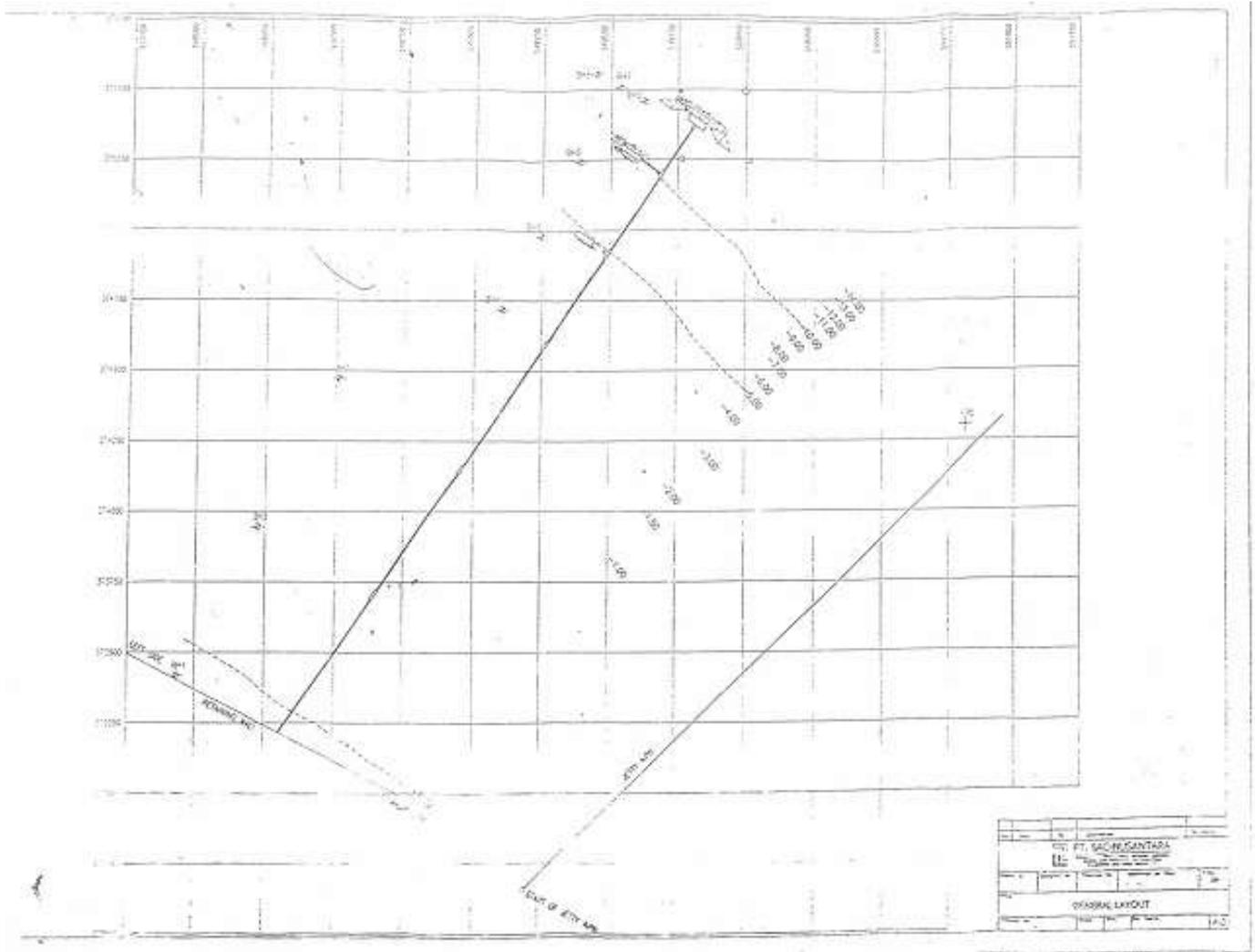
Pekerjaan Bor Mele (BM-I) Last

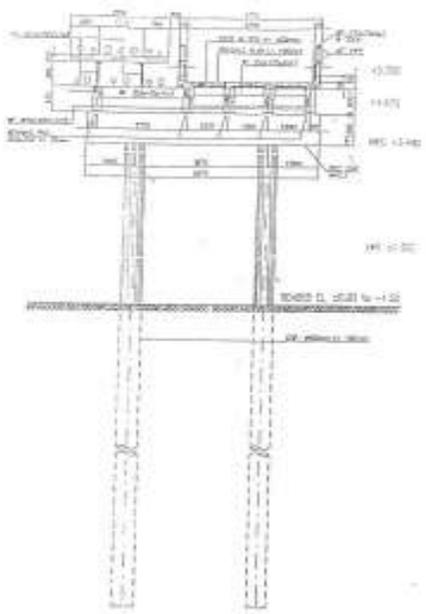


Pekerjaan Bor Mele (BM-II) Last

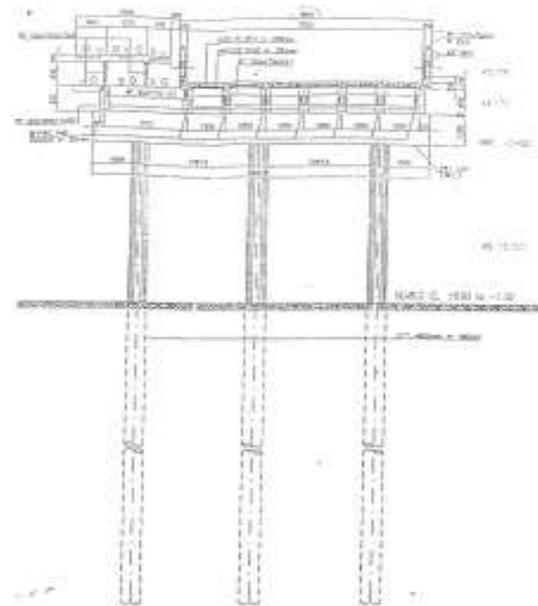


Pekerjaan Bor Mele (BM-II) Last

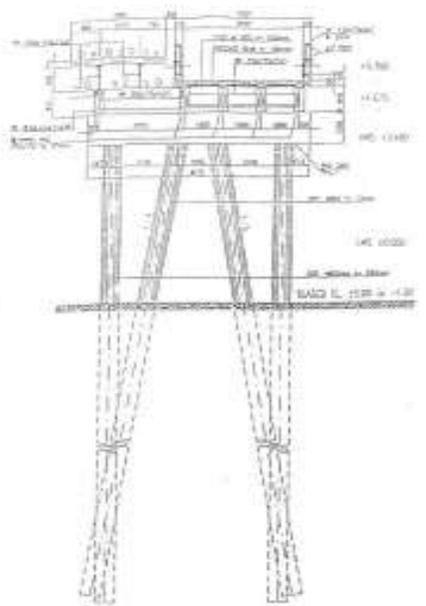




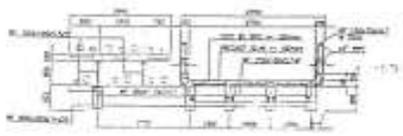
CROSS SECTION (MPC.1)
2017.10



CROSS SECTION (LPG.1)
2017.10



CROSS SECTION (FPC.1)
2017.10



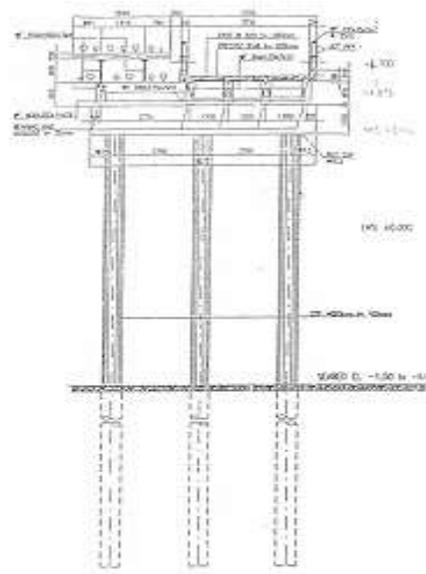
CROSS SECTION (AT CROSS BEAM)
2017.10



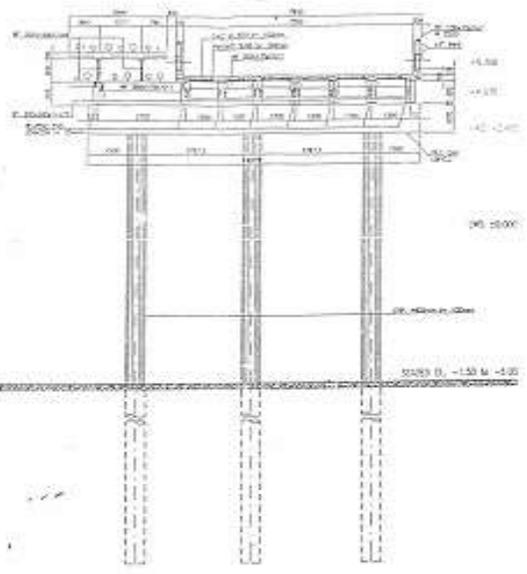
CROSS SECTION (AT CROSS BEAM)
2017.10

- MFL = NORMAL PILE CAP
- MPC = 1/2" HD PILE CAP
- LFC = 1/2" HD PILE CAP
- FPC = 1/2" HD PILE CAP

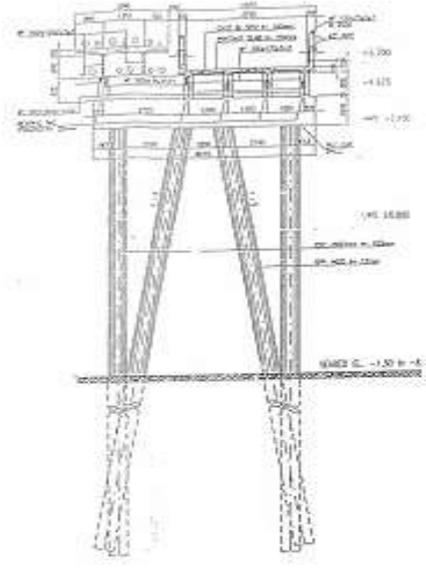
PT. SAKA ASANTARA ENGINEERING & CONSULTING	
Project No.	10000000000000000000
Scale	1:100
CROSS SECTION OF TRUSS 10	
Drawn by	10000000000000000000
Checked by	10000000000000000000
Date	10/10/2017



CROSS SECTION (MPC 2)
SCALE 1/20



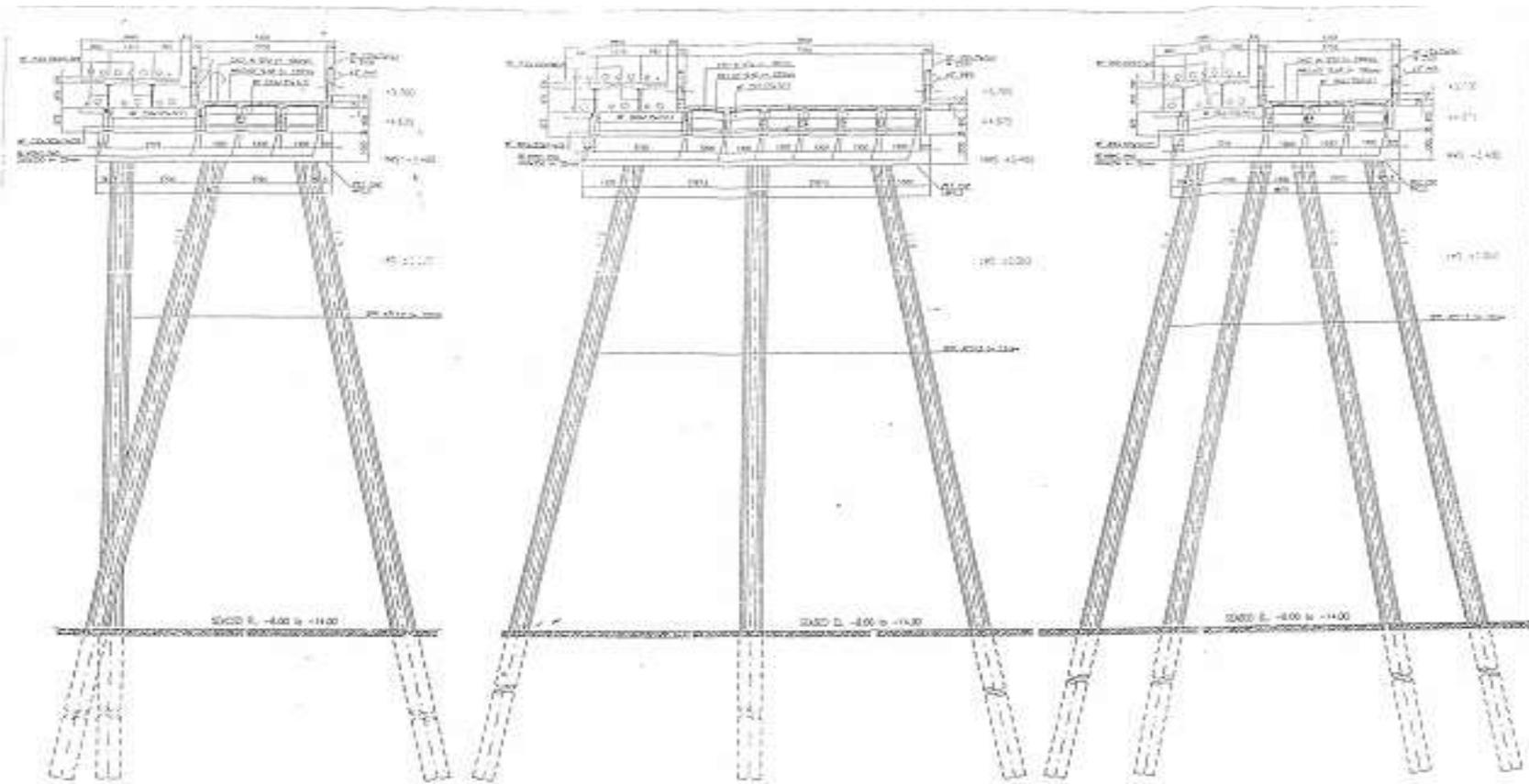
CROSS SECTION (LSPC 2)
SCALE 1/20



CROSS SECTION (WPC 2)
SCALE 1/20

- MPC = NORMAL PIPE CAP
- LSPC = LAT BRACE PIPE CAP
- WPC = WIDE PIPE CAP

S. SAKHAYAN	
DESIGN SECTION OF TRUSS	
DATE	SCALE



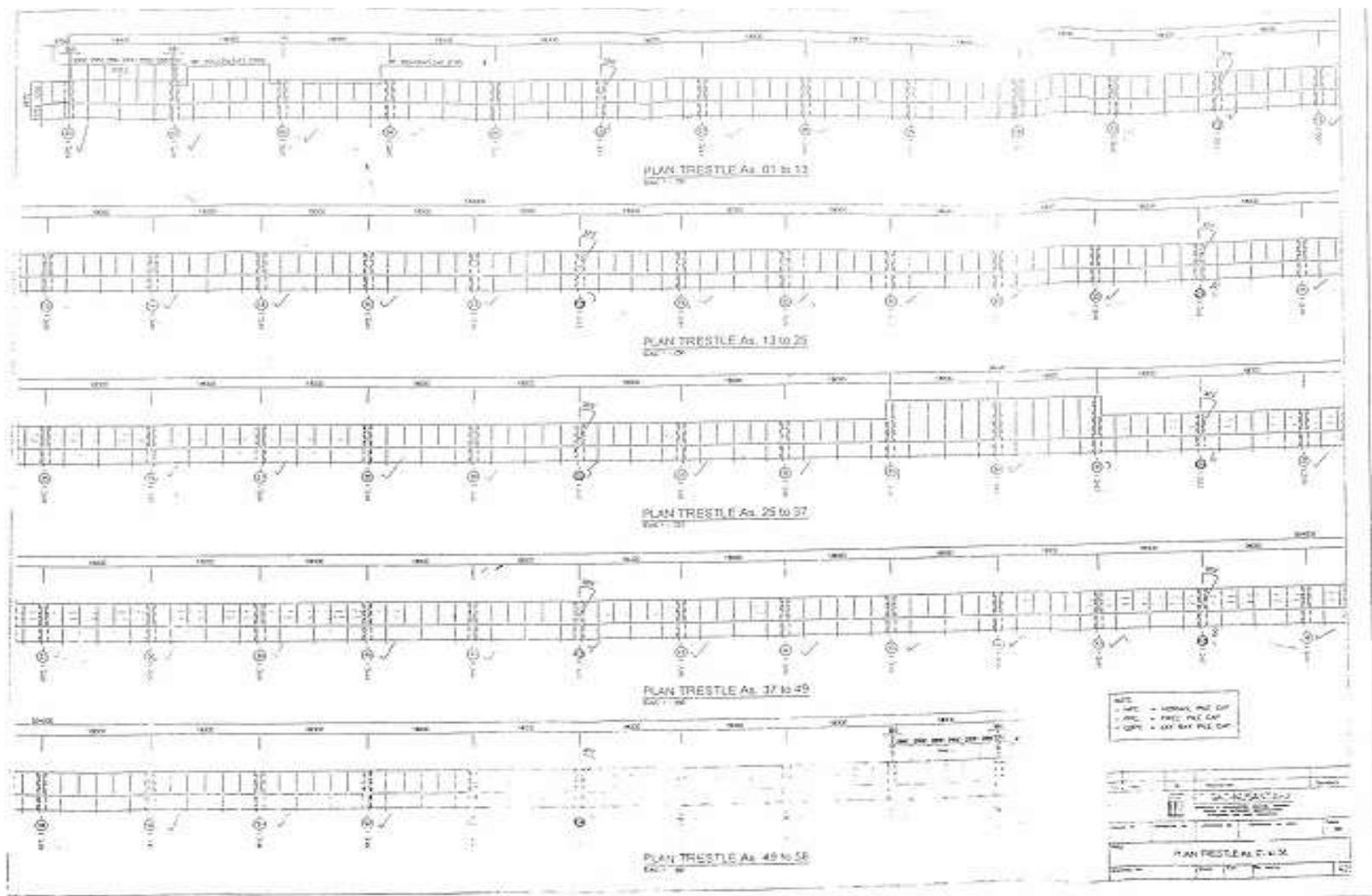
CROSS SECTION (IPC 3)

DRILL SECTION (LIPC 3)

CROSS SECTION (IPC 3)

- IPC - NORMAL ICE CAP
- LIPC - LIGHT ICE CAP
- LIPC - LIGHT ICE CAP

PROJECT		SHEET NO.	
FT. SACAGANTALE		142	
CROSS SECTION OF TRUSS			
DATE		SCALE	
		1/2" = 1'	



PLAN TRESTLE As. 01 to 13
SCALE 1/4" = 1'-0"

PLAN TRESTLE As. 13 to 25
SCALE 1/4" = 1'-0"

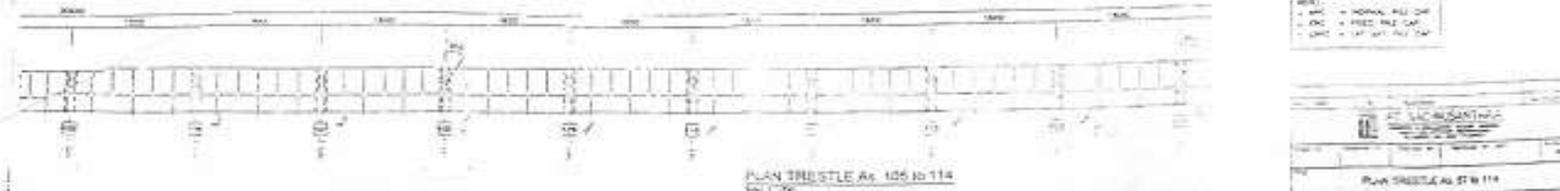
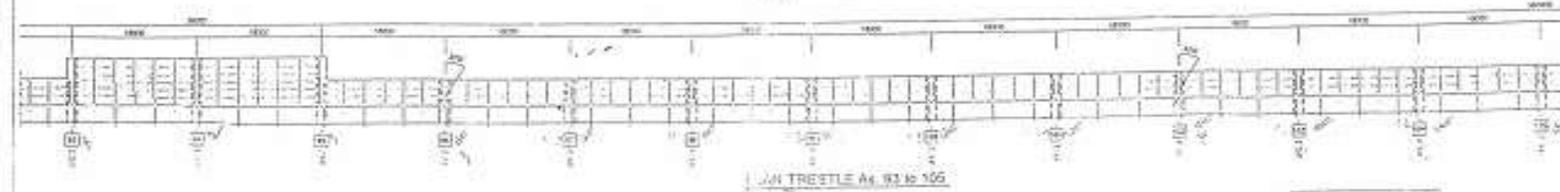
PLAN TRESTLE As. 25 to 37
SCALE 1/4" = 1'-0"

PLAN TRESTLE As. 37 to 49
SCALE 1/4" = 1'-0"

PLAN TRESTLE As. 49 to 58
SCALE 1/4" = 1'-0"

- L L PILE
- P PILE
- C CAP
- Q QUAY
- S SHIPWAY

S. H. W. & CO. ENGINEERS	
SAN FRANCISCO, CALIF.	
DRAWN BY _____	
CHECKED BY _____	
DATE _____	
PROJECT _____	
PLAN TRESTLE C. & M.	
SCALE	1/4" = 1'-0"



-
-
-
-
-

PLAN TRESTLE A4 114
 5/27/12

DEPARTMENT OF TRANSPORTATION

DIRECTORATE GENERAL OF SEA TRANSPORTATION OF PORTRAIT OF

PENKALAN DODEK

JIn. T. Amir	Telp. (0622)	Telex
Hamzah No 58 Dodek	613117	SSB
Base 21258	Fax (0622) 613117	PC Box

Number : AL. 107/1/03 P Pangkalan
PD.04 Dodek, December
Classification :- 20, 2004
Attachment :- To
Subject : Recommendation Director
of Development General of Sea
Permit of Transportation
Dedicated port In
Jetty of PT. JAKARTA
Sarana
Industama
Perkasa

1. Referring to the application letter of PT. Sarana
Industama Perkasa No.037/SJP/SKJX11/04 dated December
17, 2004 regarding Recommendation of Development Permit
of Dedicated port Jetty.

a Dedicated port is given to PT Sarana Industama Perkasa, but for the final decision we leave it to Mr.
4. Thus we convey it to be known and for further consideration.

Head of The Port Office
Pangkalan Dodek

ARIFIN ILYAS LUBIS

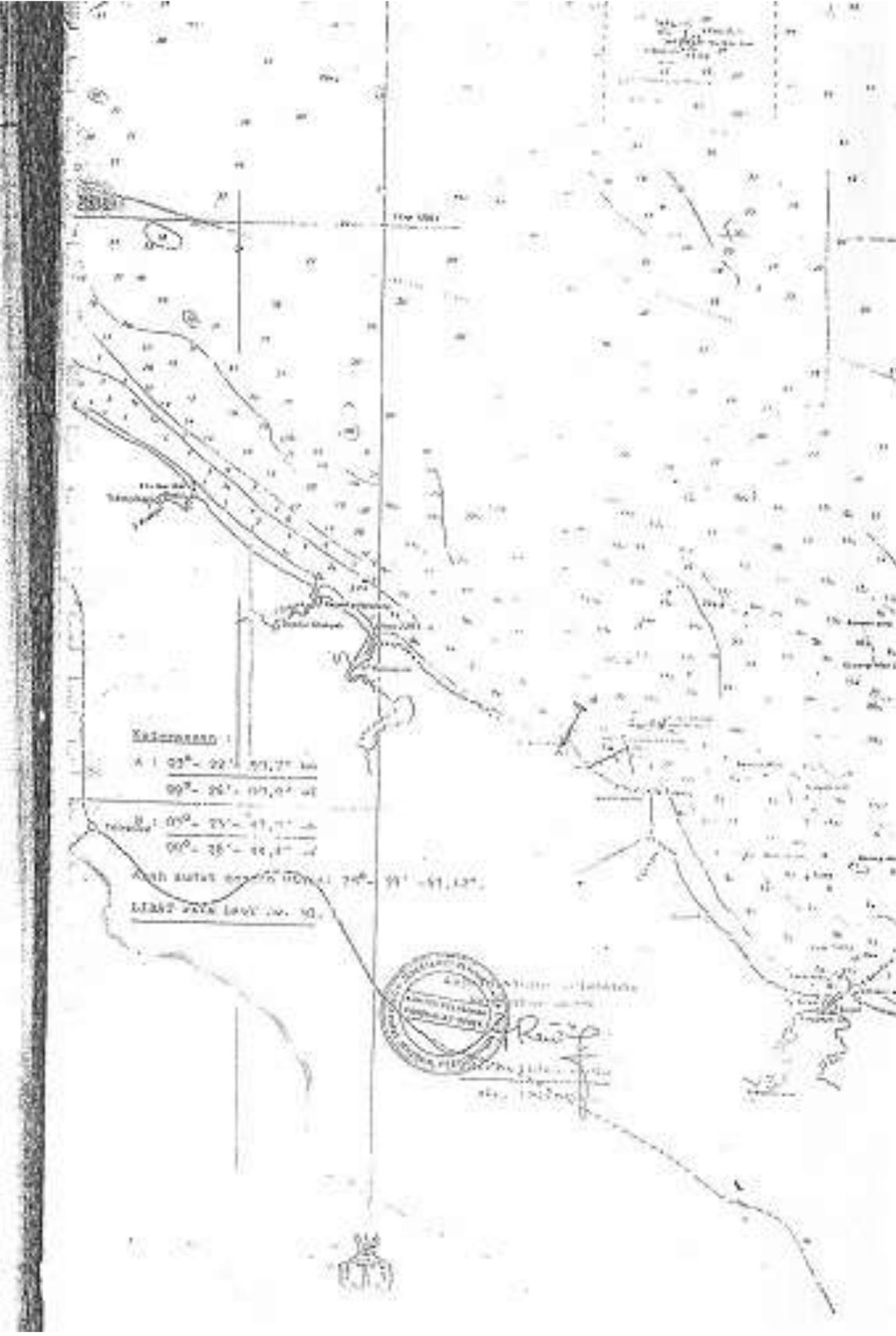
NIP. 120112545

Cc:

DIR PELPENG DITJEN HUBLA

Head of Department of Transportation of North Sumatera
Province

PT. SARANA INDUSTAMA PERKASA



Dimensions:

A 1 03" - 22" - 53.7" in
 09" - 26" - 53.0" in
 B 1 00" - 25" - 41.7" in
 00" - 25" - 44.4" in

Arch outlet section 00" - 25" - 41.7" in

12" x 24" x 1/2" in. 30'



R. R. R.



1. 08.12.2008 г. в 10:00 ч.
 в 10:00 ч. в 10:00 ч.

Сектор по борьбе с организованной преступностью



4