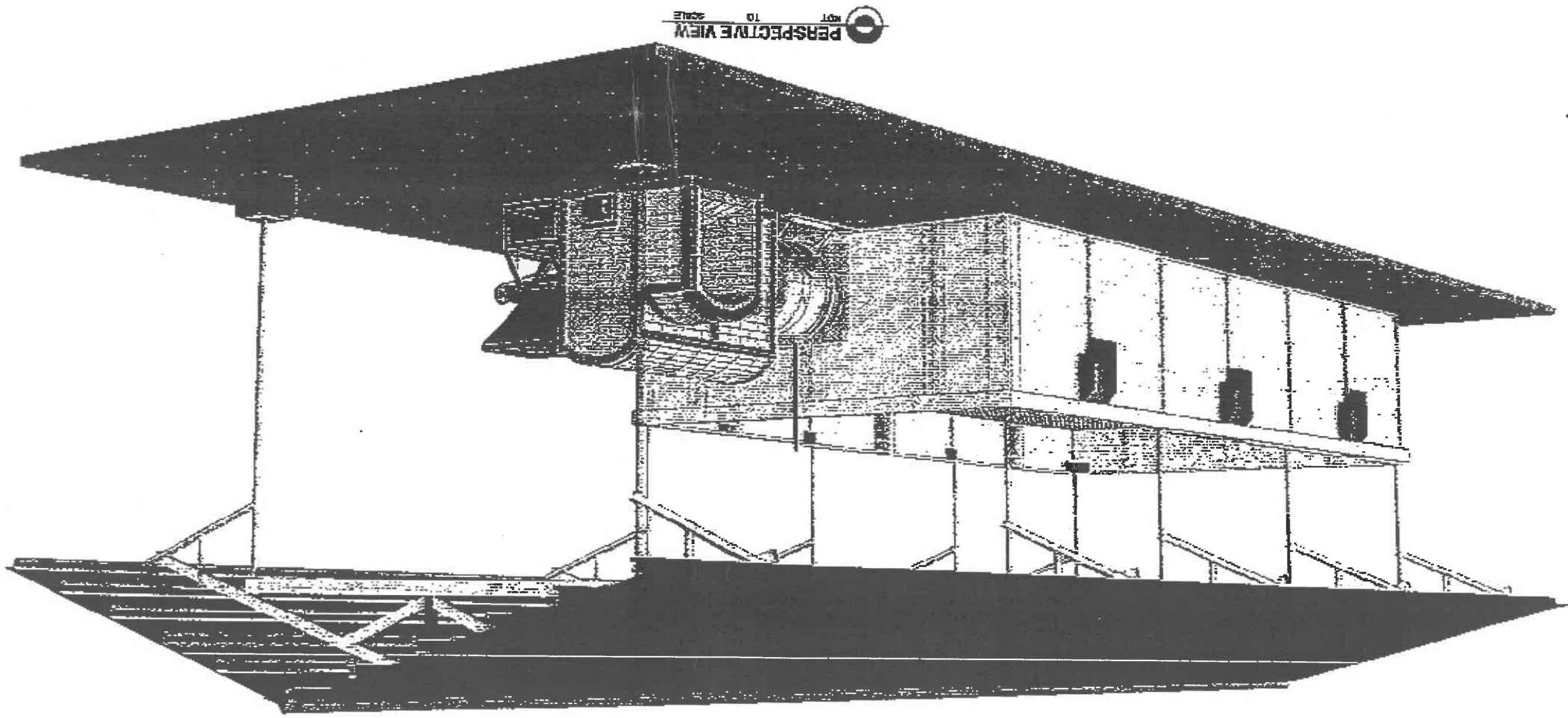
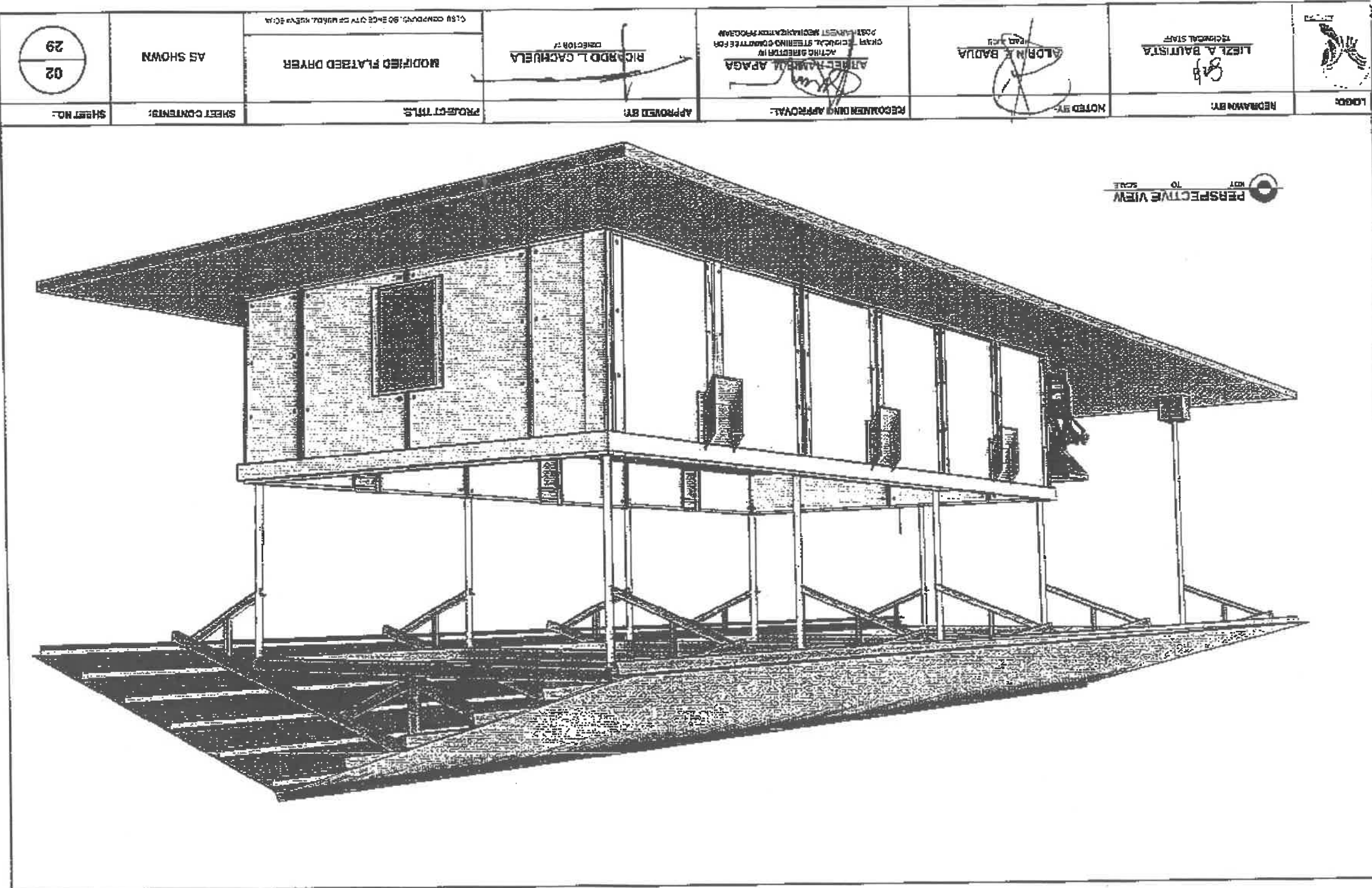
	DRAWN BY: LEZI & BAUTISTA TECHNICAL STAFF	NOTED BY: ALDO E. BADA HEAD OF DIVISION	RECOMMENDING APPROVAL: ARNEL M. APAGA ACTING DIRECTOR CHIEF TECHNICAL STAFF DIVISION FOR POST-HARVEST AND COMMUNICATION PROGRAMS	APPROVED BY: RICARDO L. CACHUELA DIRECTOR	PROJECT TITLE: MODIFIED FLATBED DRYER	USE COMPASS SCALE OF 1" = 1'-0" UNLESS OTHERWISE SPECIFIED
					SHEET NO.: 01	AS SHOWN







LEEZ A. BAUTISTA
TECHNICAL STAFF

TECHNICAL STAFF

~~ALBION EMBROIDERY~~
~~HEO. 450~~

HEX. 4.0U

NOTED BY:

RECOMMENDING APPROVAL:

ARMED BATTAL APAGA
ACTING DIRECTOR IN
CHIEF TECHNICAL STEERING COMMITTEE FOR
POSTHARVEST MECHANIZATION PROGRAM

HAIR TECHNICAL STAFFING COMMITTEE FOR
POSTHARVEST MECHANIZATION PROGRAM

APR 22 1964
APAG

APPROVED BY:

RICHARD L. GACHUELA

DIRECTOR IV

PROJECT TITLE:

MODIFIED FLATBED DRYER

AS SHOWN

SHEET CONTENTS:

50

FOOTING (100mm X 150mm)

0000201

00000000

24-00000

000000

000-0001

FURNACE

BLOWER & ENGINE

91 PIPE 2-1/2" SCHED 40

CORRUGATED GI SHEET GAUGE 26

APEX LINE OF ROOF



LOGO:

TECHNICAL STAFF
LIEZL A. BAUTISTA

REDRAWN BY:

HEAD, RCU
ALDRIN E. RADUA

NOTED BY:

ACTING DIRECTOR III
CHAIR TECHNICAL STEERING COMMITTEE FOR
POSTHARVEST MECHANIZATION PROGRAM
ARNEL RAMON B. APAGA

RECOMMENDING APPROVAL:

DIRECTOR IV
RICARDO L. CACHUELA

APPROVED BY:

PROJECT TITLE:
MODIFIED FLATBED DRYER

SHEET CONTENTS:

AS SHOWN

SHEET NO:

29

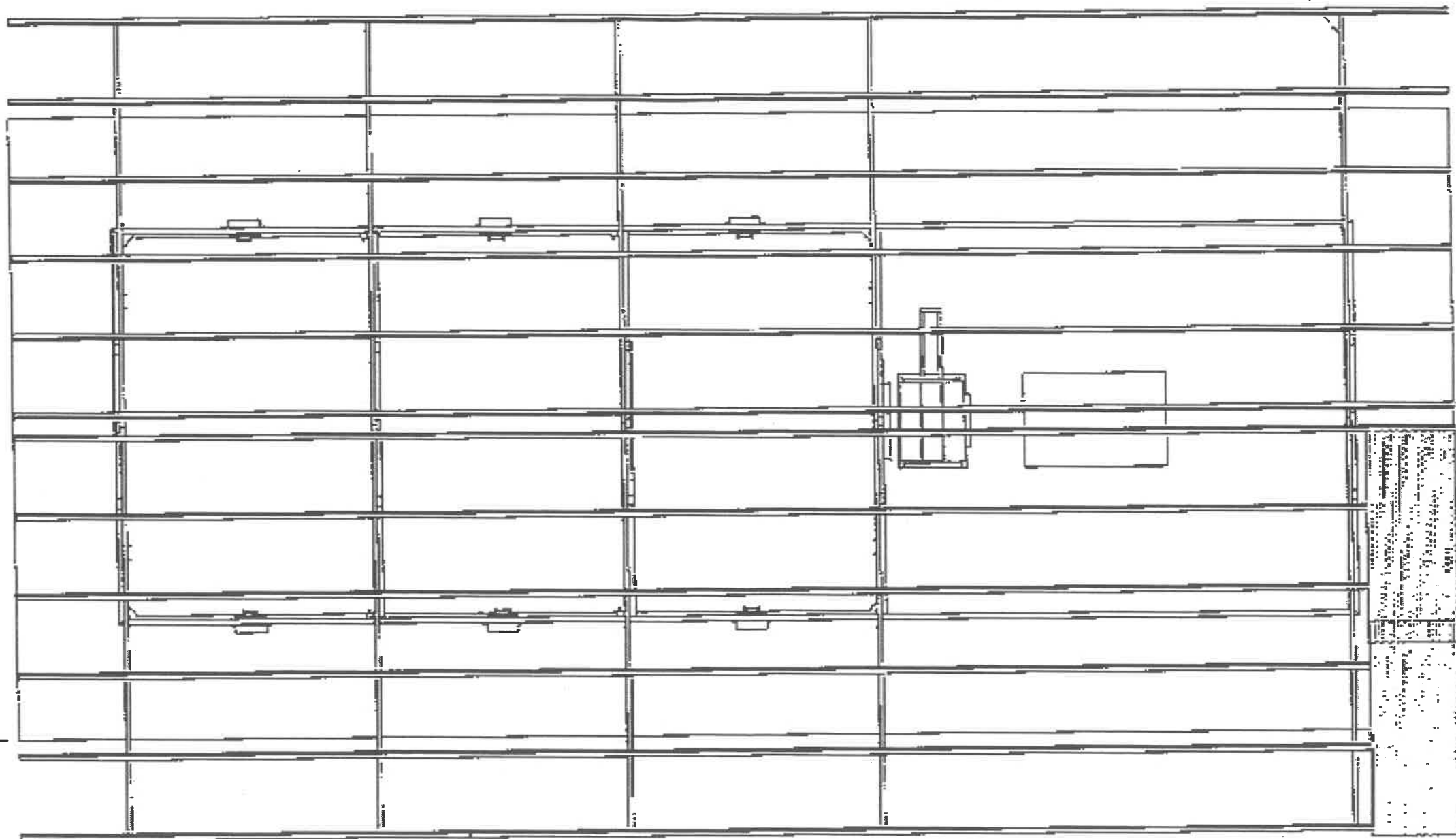
04

CLASS DOCUMENT, SCIENCE OF NUTRITION, NUTRITION

SHED FRAMING PLAN

2" X 3" X 1.5mm C-PURLINS

13000.000



8000.000

8000.000

1.5" X 3" X 1.2mm C-PURLINS

ROOF LINE



LOGO:

DRAWN BY:

LEZL A. BAUTISTA

TECHNICAL STAFF

NOTED BY:

ALDRINE E. RADUA

HEAD-ADDU

RECOMMENDING APPROVAL:

ARNEL BAMBAY APAGA

ACTING DIRECTOR

CHAR. TECHNICAL STEERING COMMITTEE FOR
POST-HARVEST MECHANIZATION PROGRAM

APPROVED BY:

RICARDOL CACHUELA

DIRECTOR IV

PROJECT TITLE:

MODIFIED FLATBED DRYER

SHEET CONTENTS:

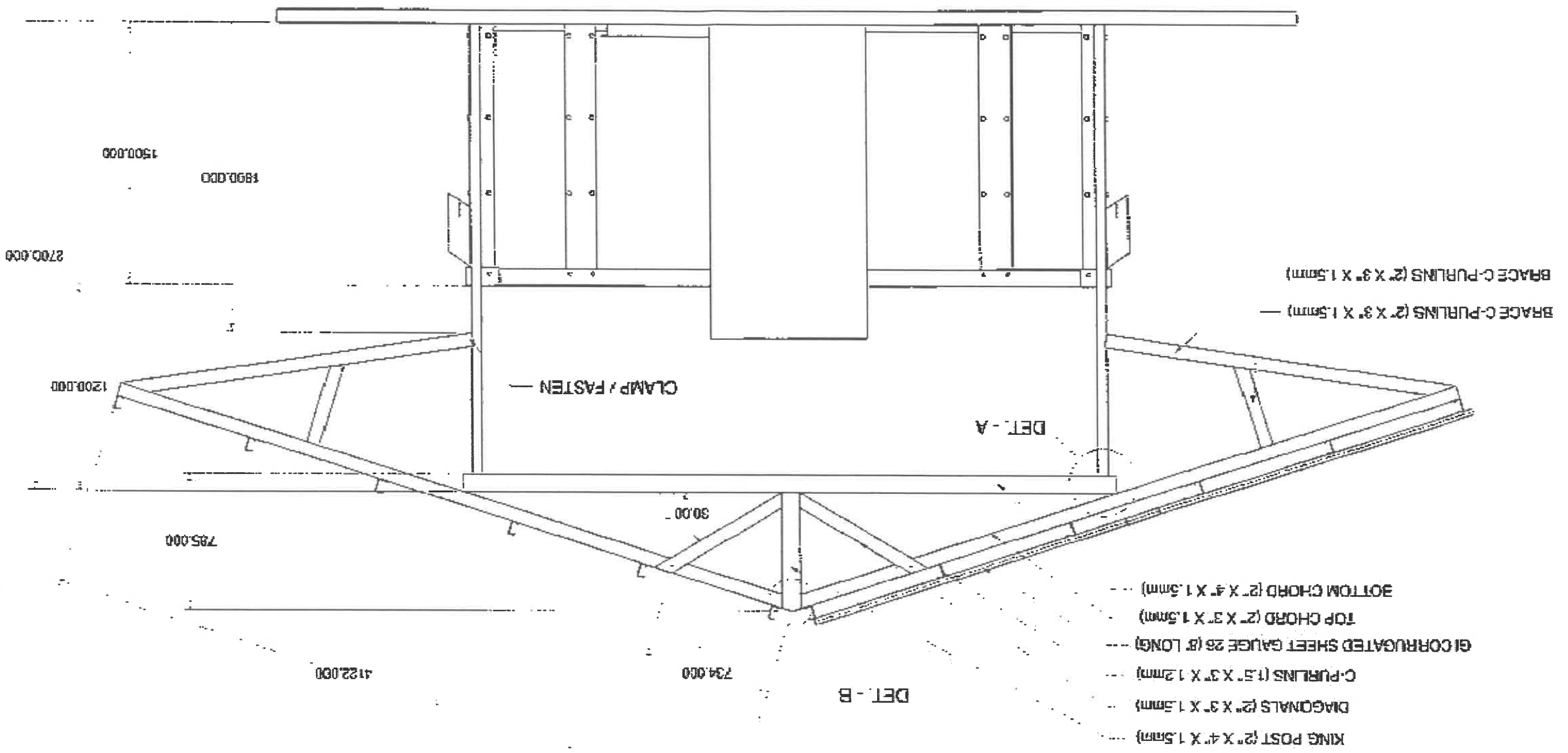
AS SHOWN

SHEET NO:

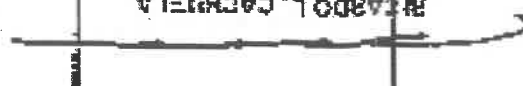
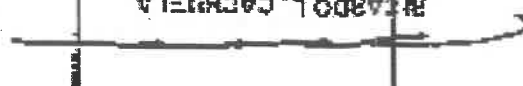

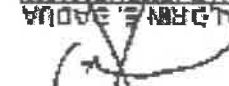


05

29

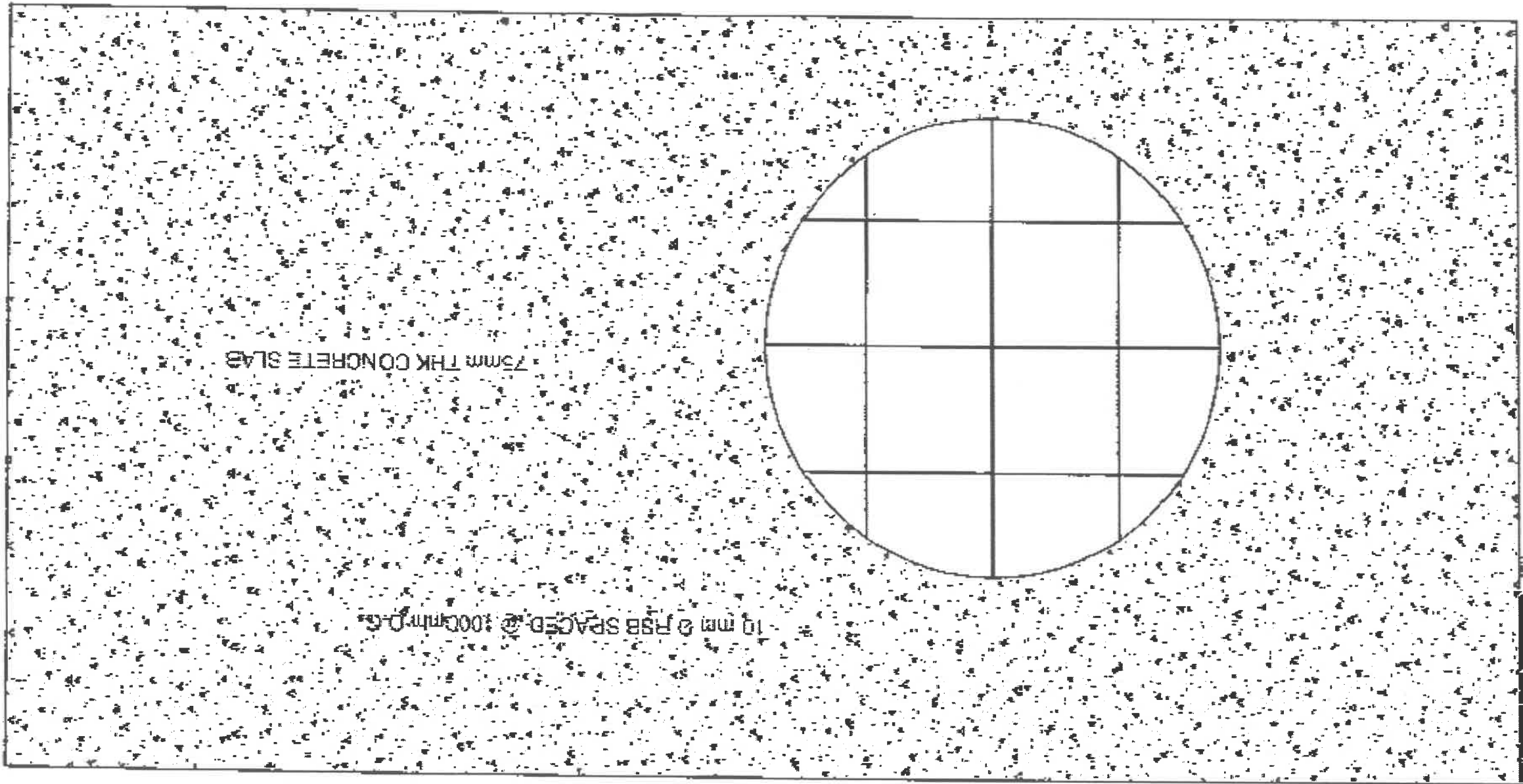
TYPICAL SHED DETAIL





<div>29</div> <div>07</div>	AS SHOWN	APPROVED FOR CONSTRUCTION BY: 	APPROVED BY: 	RECOMMENDING APPROVAL: 	NOTED BY: 	DRAWN BY: 	LOGO: 
		PROJECT TITLE: MODIFIED FLATBED DRYER					
SHEET NO.:		SHEET CONTENTS:					

SLAB LAYOUT



6000



LIBEL BASTIA
88

A. CRIVELLO
88

APPROVED BY
[Signature]

E. CARDO L. CACHUELA

MODIFIED LATER COVER

AS SHOWN

52
58

REVISIONS

NOTES BY

RECOMMENDATIONS APPROVAL

APPROVED BY

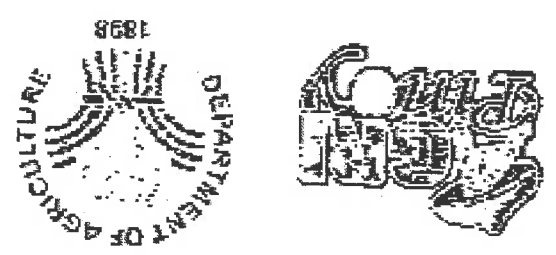
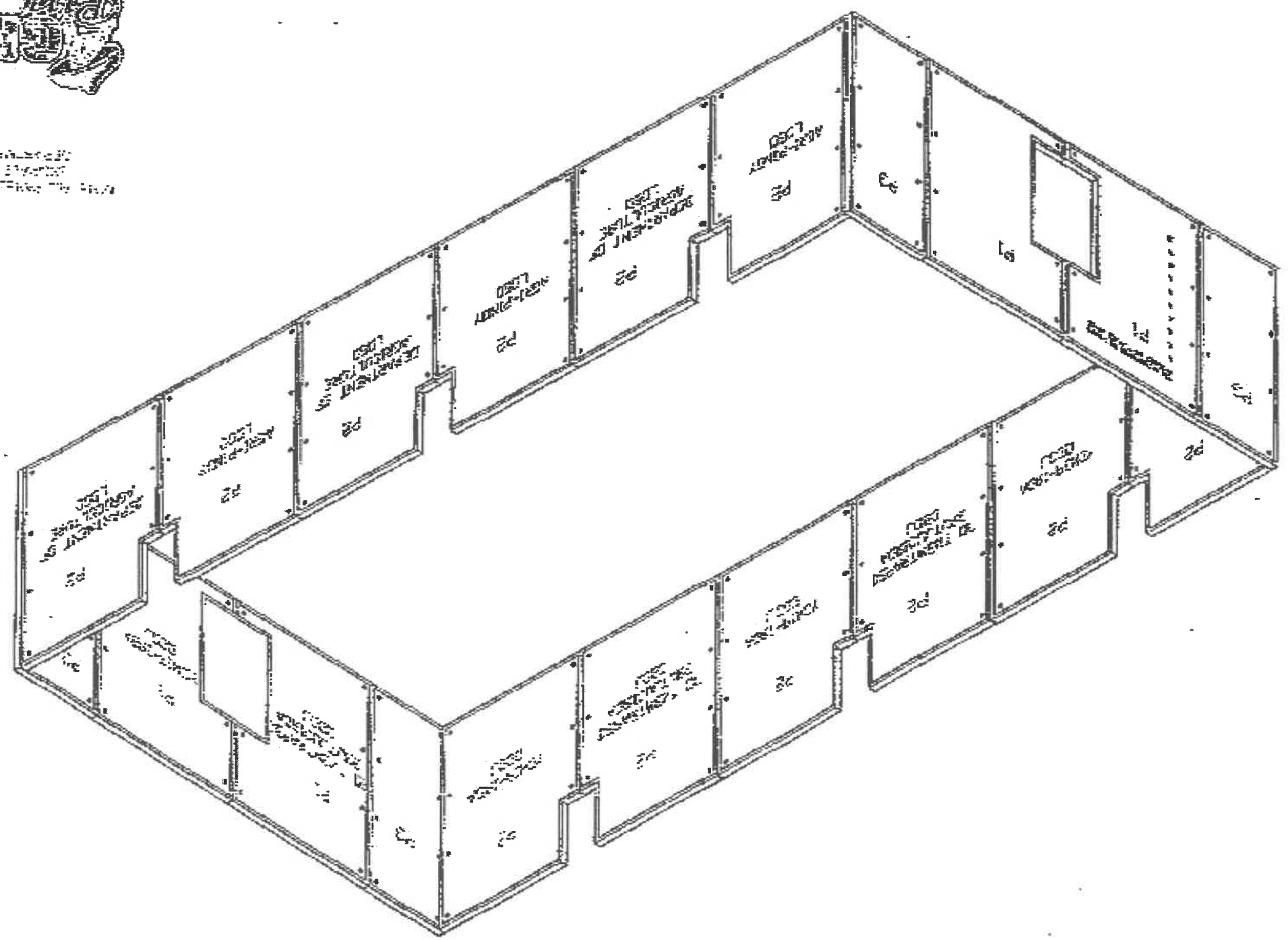
PROJECT TITLE

SHEET CONTAINS

SHEET NO.

LOGO

DRYING BIN WALL SCHEDULE



DRYING BIN WALL SCHEDULE
1/2\"/>



LOGO:

LIEZL A. BAUTISTA
TECHNICAL STAFF

DRAWN BY:

ALDRIN E. BADUA
HEAD-ACU

NOTED BY:

ARNEL RAMIL LAPAGA
ACTING DIRECTOR IN-
CHARGE TECHNICAL STEERING COMMITTEE FOR
POSTHARVEST MECHANIZATION PROGRAM

RECOMMENDING APPROVAL:

RICARDO L. CACHUELA
DIRECTOR IV

APPROVED BY:

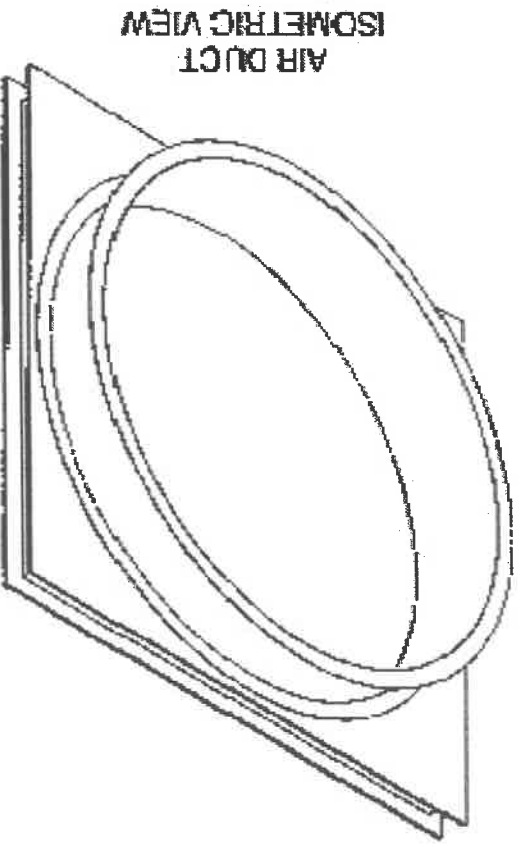
MODIFIED FLATBED DRYER

PROJECT TITLE:

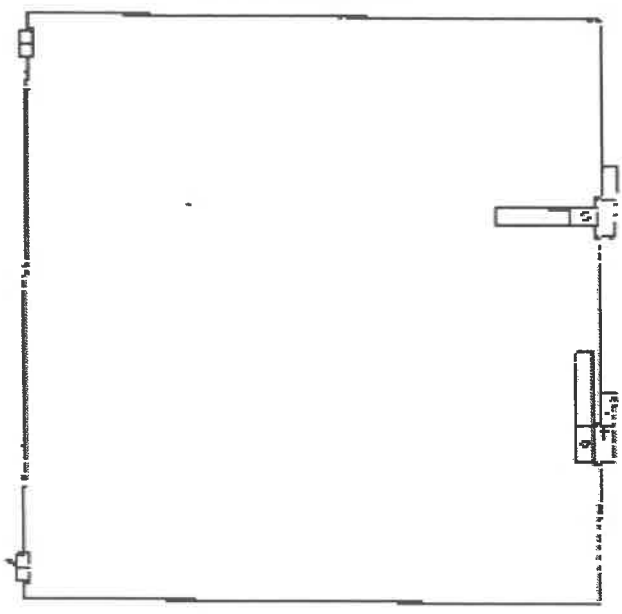
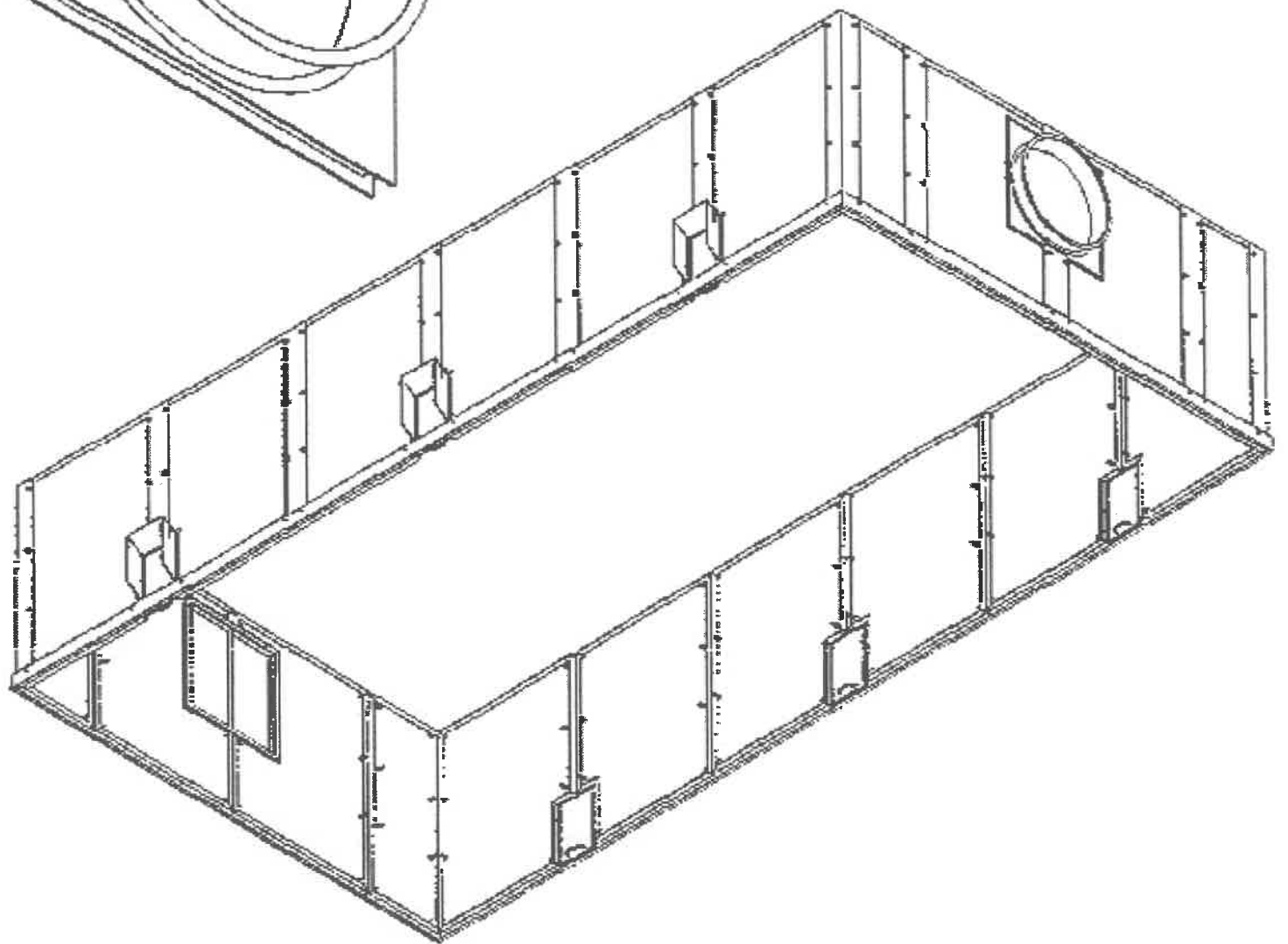
AS SHOWN

SHEET NO: 09

29



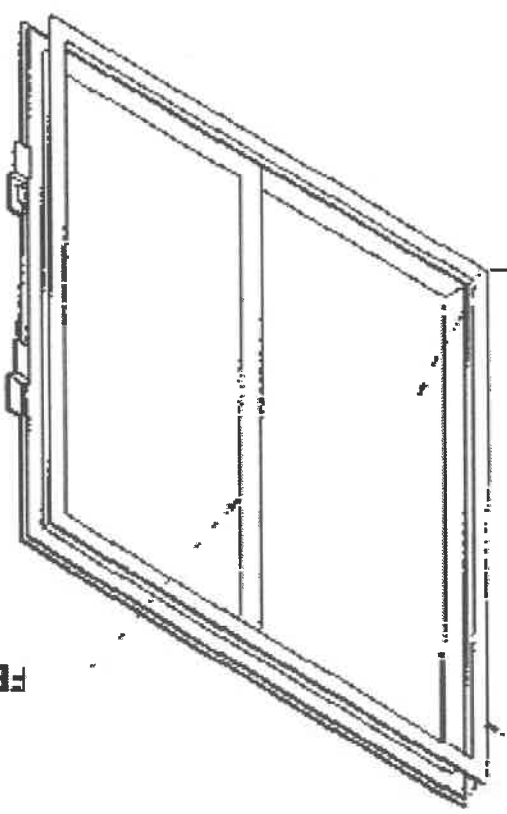
AIR DUCT
ISOMETRIC VIEW



FRONT VIEW

HANDLE AND LOCK
FB 4mm X 18mm


HINGE

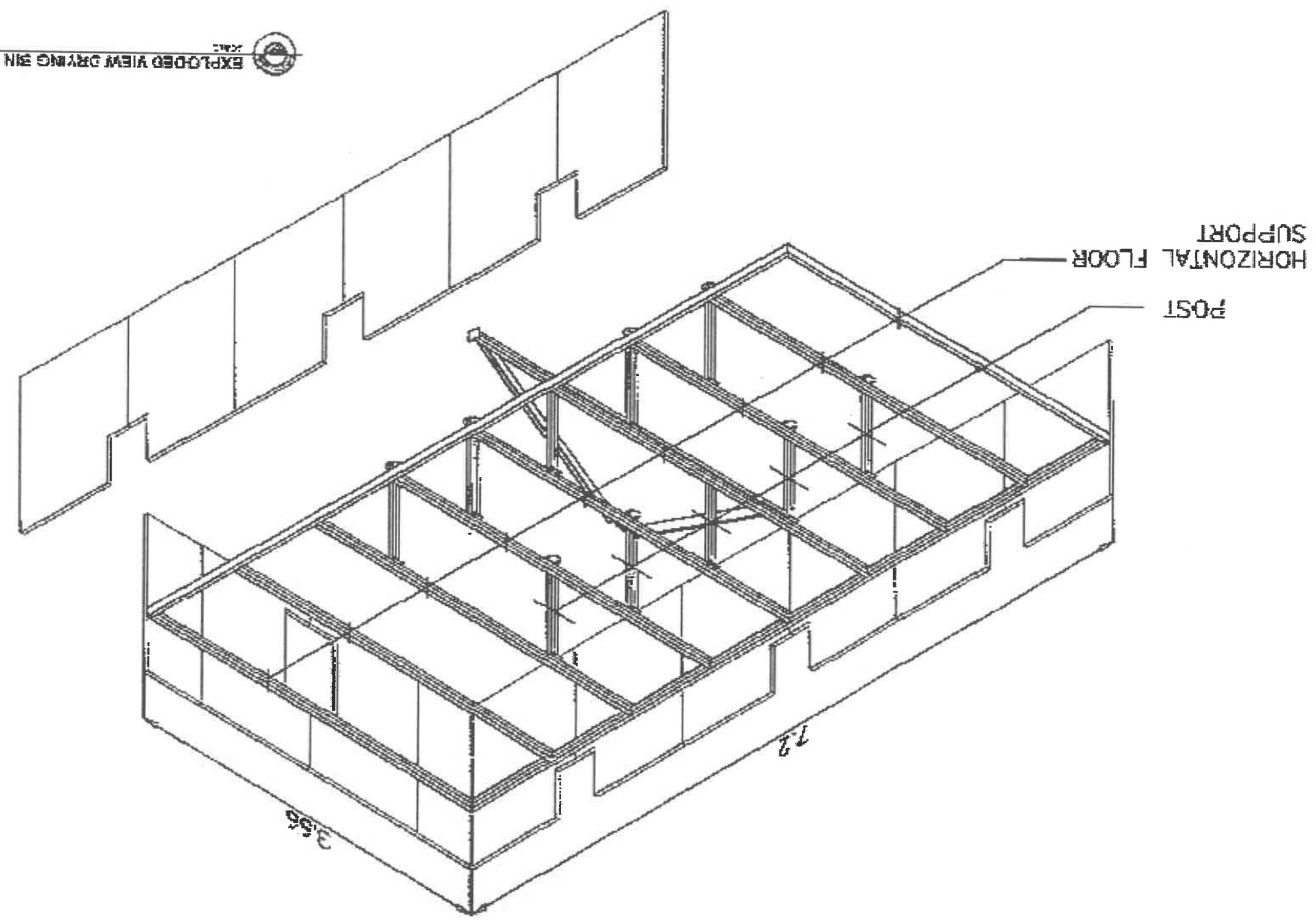


MS PLATE 1.5MM

CHANNELLED
MS PLATE 3MM

FB 3mm X 38mm

	REVISOR: <u>LIEZEL A. BAUTISTA</u> DATE: <u>8/1/2017</u>	NOTED BY: <u>ALDRIN E. BADUA</u> DATE: <u>8/1/2017</u>	RECOMMENDING APPROVAL: <u>ARNEL RAMON M. SAGA</u> PROJECT ENGINEER: <u>ARNEL RAMON M. SAGA</u> DATE: <u>8/1/2017</u>	APPROVED BY: <u>RICARDO L. CACHUELA</u> PROJECT ENGINEER: <u>RICARDO L. CACHUELA</u> DATE: <u>8/1/2017</u>	PROJECT TITLE: <u>MODIFIED FLATBED DRYER</u>	SHEET CONTENTS:	SHEET NO.:
	AS SHOWN						



EXPLODED VIEW DRYING BIN FLOOR SUPPORT



LEZLA BAUTISTA

DESIGNED BY:

NOTED BY:

ALBAINE BAQUA

ARIEL HERNANDEZ

RECOMMENDING APPROVAL:

APPROVED BY:

RICARDO L. CACHUELA

MODIFIED FLATBED DRYER

AS SHOWN

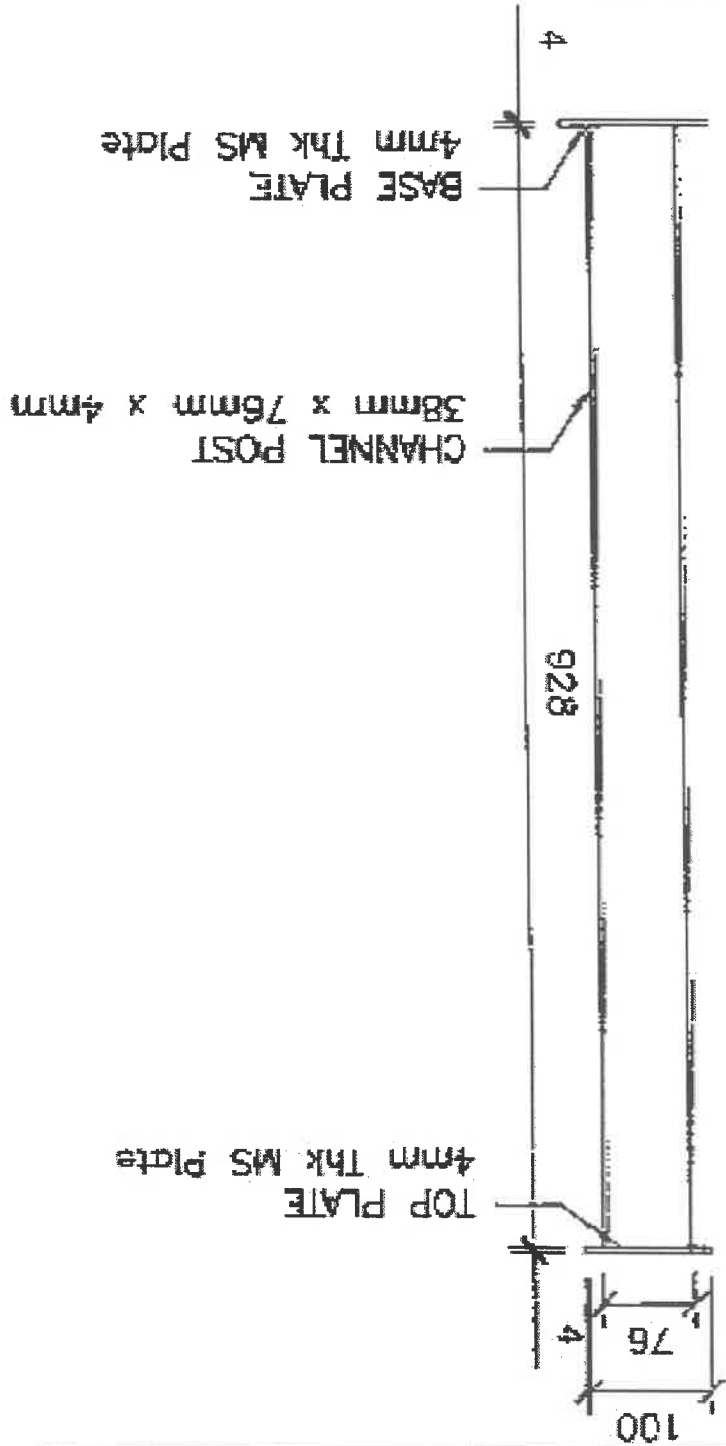
29

11

SHEET NO.:

Note: All units are in millimeters unless otherwise specified

FRONT VIEW

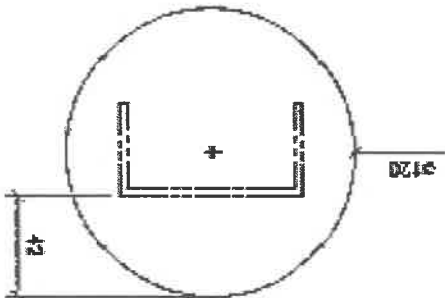


SIDE VIEW

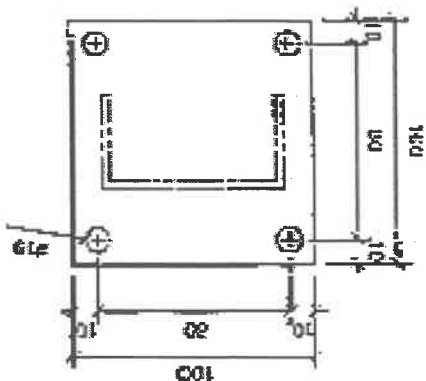


SCALE 1:4mm

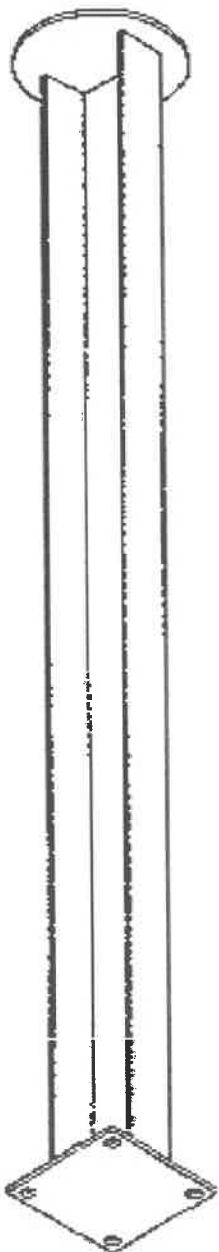
BASE PLATE



TOP PLATE



ISOMETRIC VIEW





LOGO:

LIEZL A. BAUTISTA
TECHNICAL STAFF

REDRAWN BY:

ALDRIN E. BABUA
HEAD, DCU

NOTED BY:

RECOMMENDING APPROVAL:
ARNEL RAMIR-APAGA
ACTING DIRECTOR IN
CHARGE TECHNICAL STEERING COMMITTEE FOR
POSTHARVEST MECHANIZATION

APPROVED BY:

RICARDO L. CACHUELA
DIRECTOR IV

PROJECT TITLE:

MODIFIED FLATBED DRYER

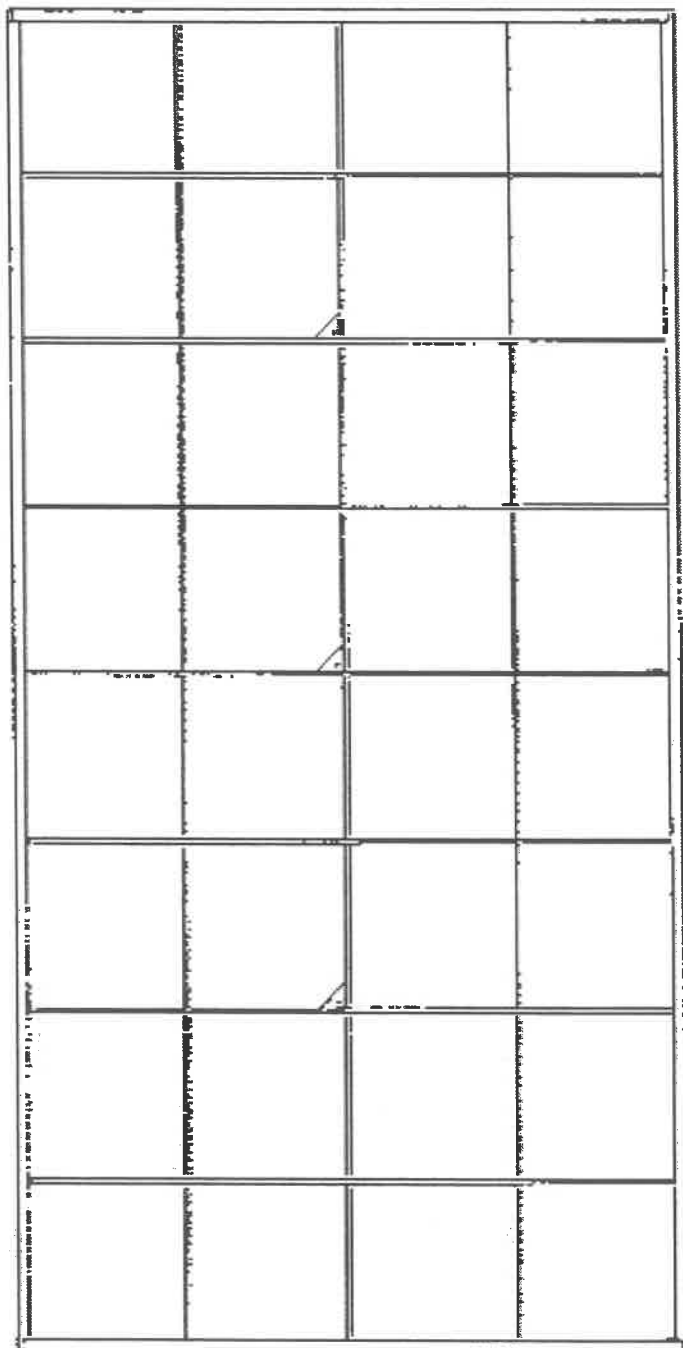
AS SHOWN

SHEET CONTENTS: SHEET NO:

12
29

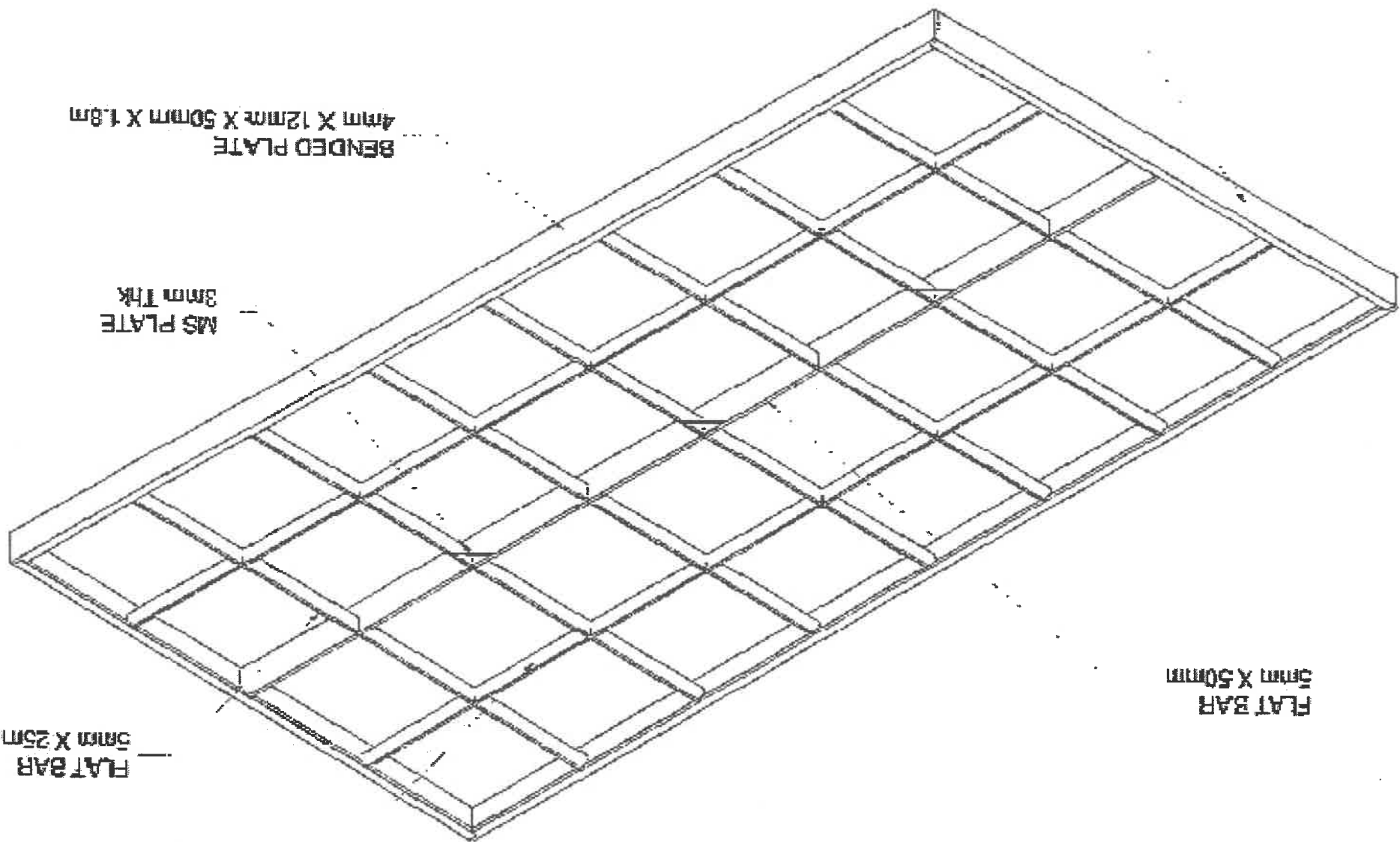
2.000

36.000



72.000

BENDED PLATE
4mm X 12mm X 50mm X 0.9m




FLAT BAR
5mm X 50mm

FLAT BAR
5mm X 25mm

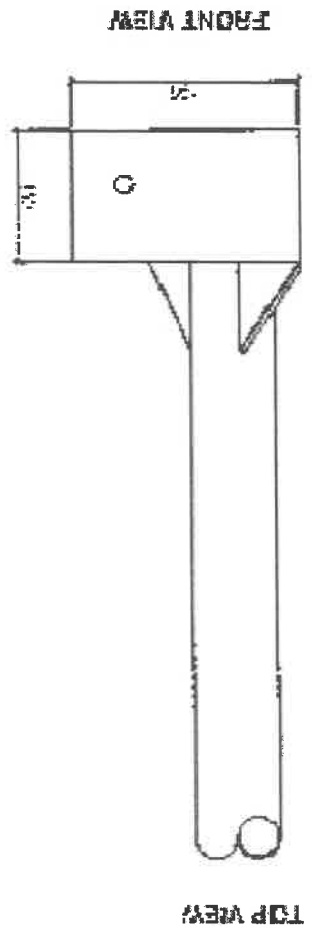
FLAT BAR
5mm X 25mm

MS PLATE
3mm Thk

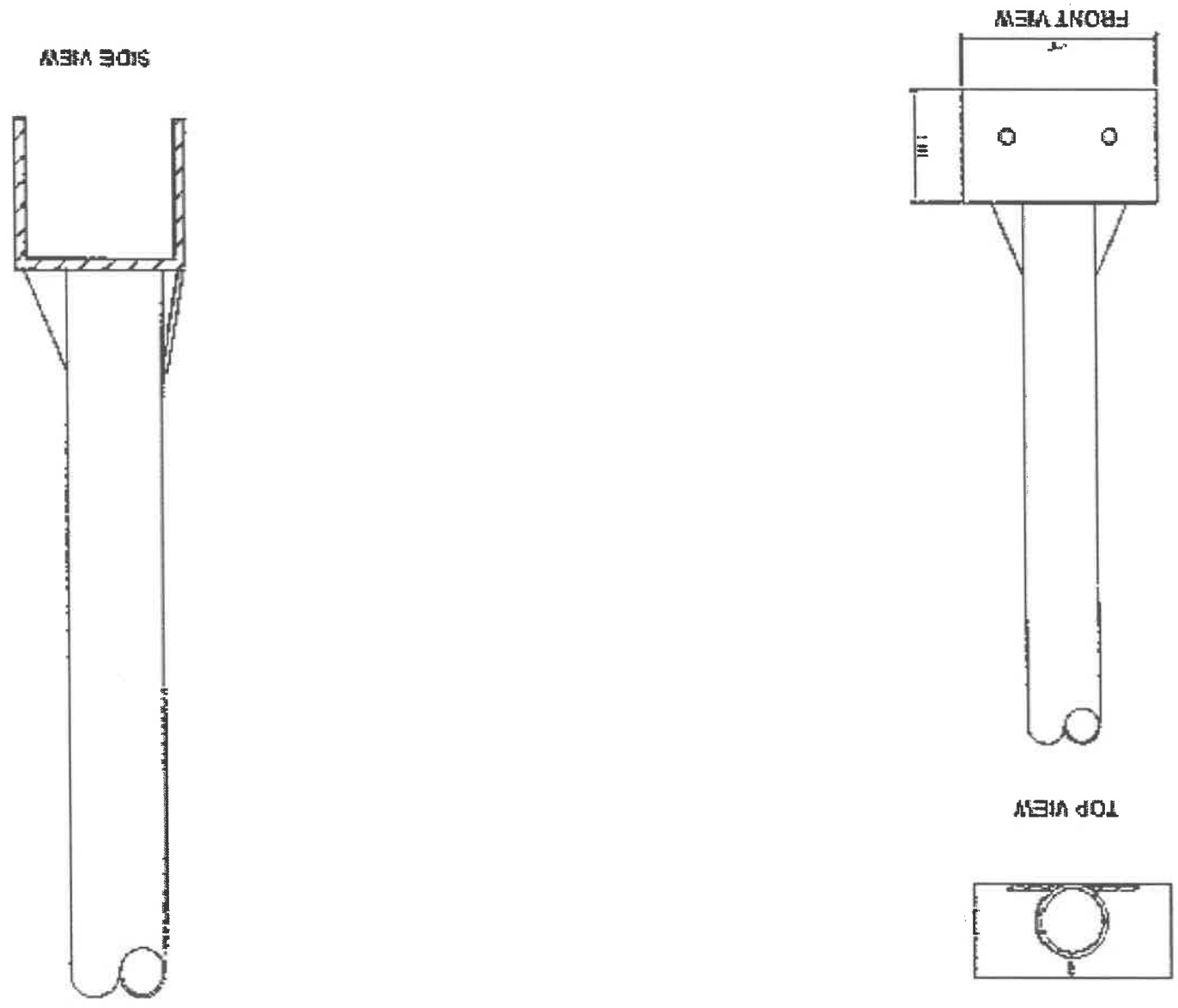
BENDED PLATE
4mm X 12mm X 50mm X 1.8m

LOGO:	REDAWN BY:	NOTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENTS:	SHEET NO.:
	LIEZEL A. BAUTISTA TECHNICAL STAFF	ALDIN E. BADA TECHNICAL STAFF	ARNEL T. PAPA ENGINEER IN CHARGE OFFICE OF THE ASSISTANT SECRETARY FOR TECHNICAL STAFF	RICHARD L. CACHUELA ENGINEER	MODIFIED FLATBED DRYER	AS SHOWN	13 29

 CORNER POST/BASE PLATE DETAIL



 INNER POST/BASE PLATE DETAIL





LEZLA BAUTISTA

ALDIN S. BAQUA

ARNE L. MONTAÑA

RICARDO L. CACHUÉLA

MODIFIED FLATBED DRYER

AS SHOWN

14
29

LOGO:

DESIGNED BY:

NOTED BY:

RECOMMENDING APPROVAL:

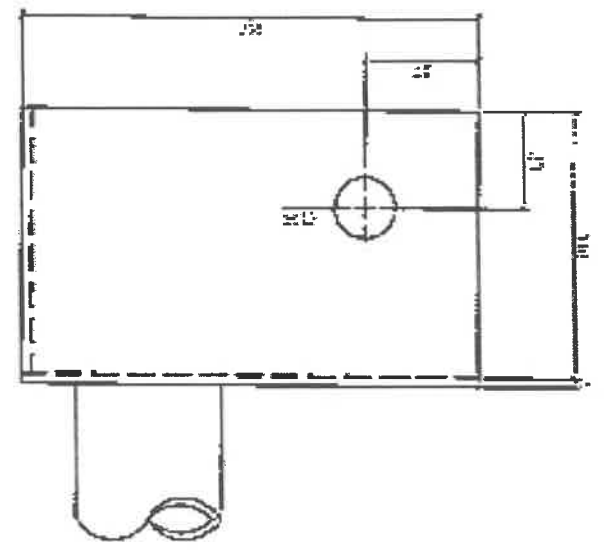
APPROVED BY:

PROJECT TITLE:

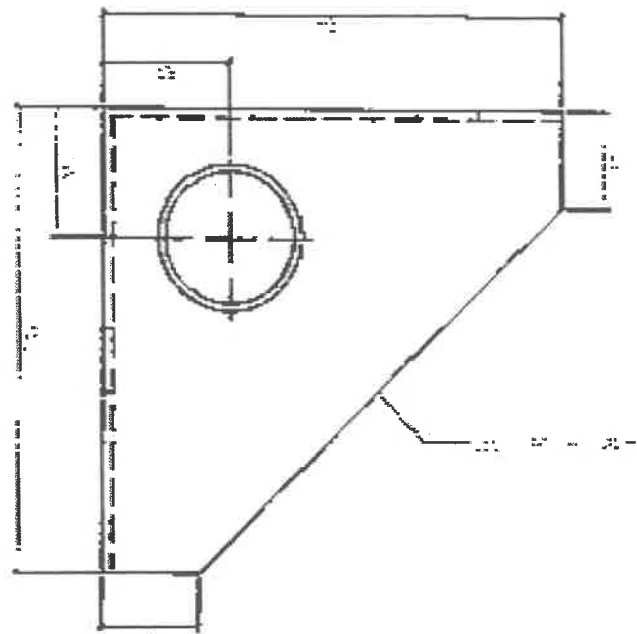
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SHEET NO.:

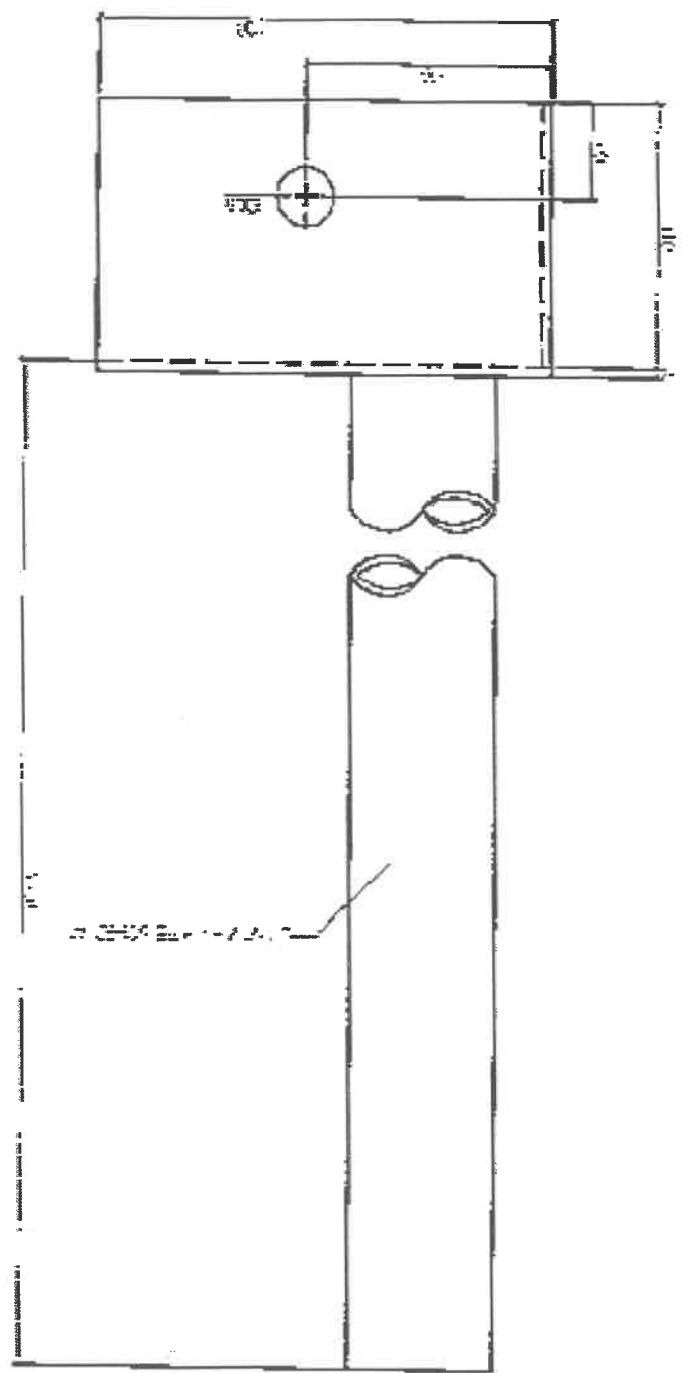
FRONT VIEW



TOP VIEW

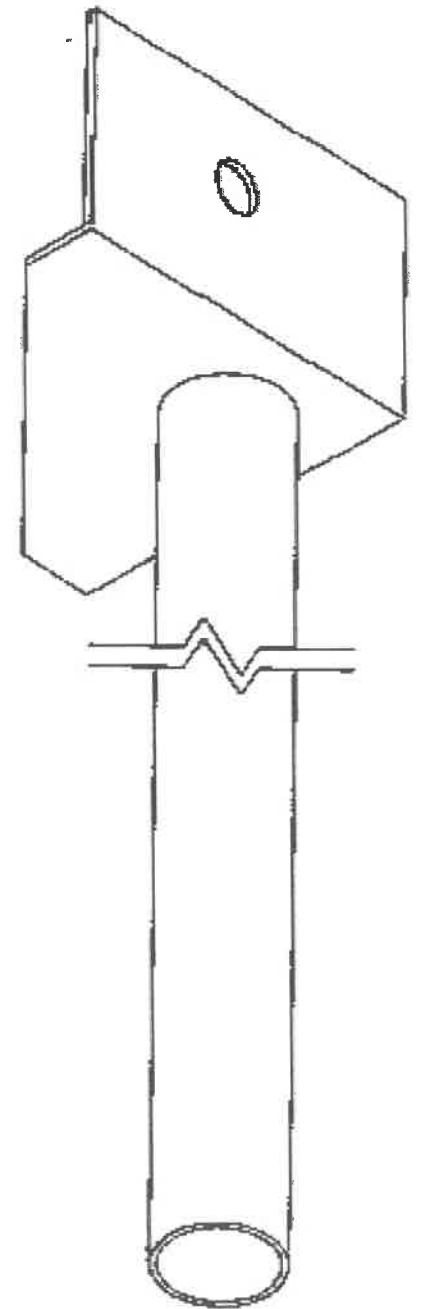


SIDE VIEW



CORNER POST

ISOMETRIC VIEW





LEZEL A. BAUTISTA
TECHNICAL SKILLS

ADRIAN E. SAGUA
TECHNICAL SKILLS

ARMEL RAMIREZ AGA
TECHNICAL SKILLS

RICARDO L. CACHUELA
TECHNICAL SKILLS

MODIFIED FLATBED DRYER

AS SHOWN

15
29

LOGO:

DESIGNED BY:

NOTED BY:

RECOMMENDATION APPROVAL:

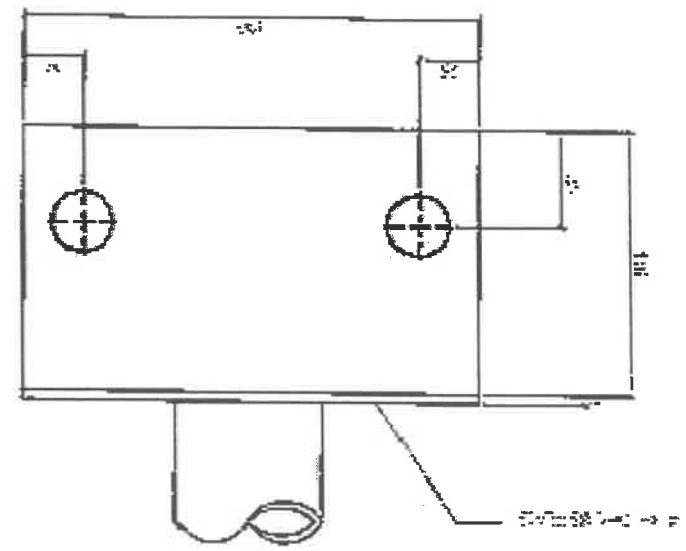
APPROVED BY:

PROJECT TITLE:

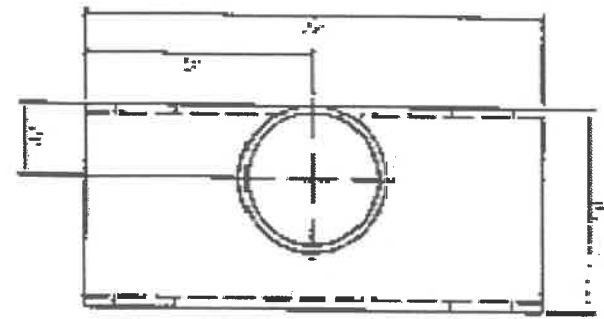
SHEET CONTENTS:

SHEET NO.:

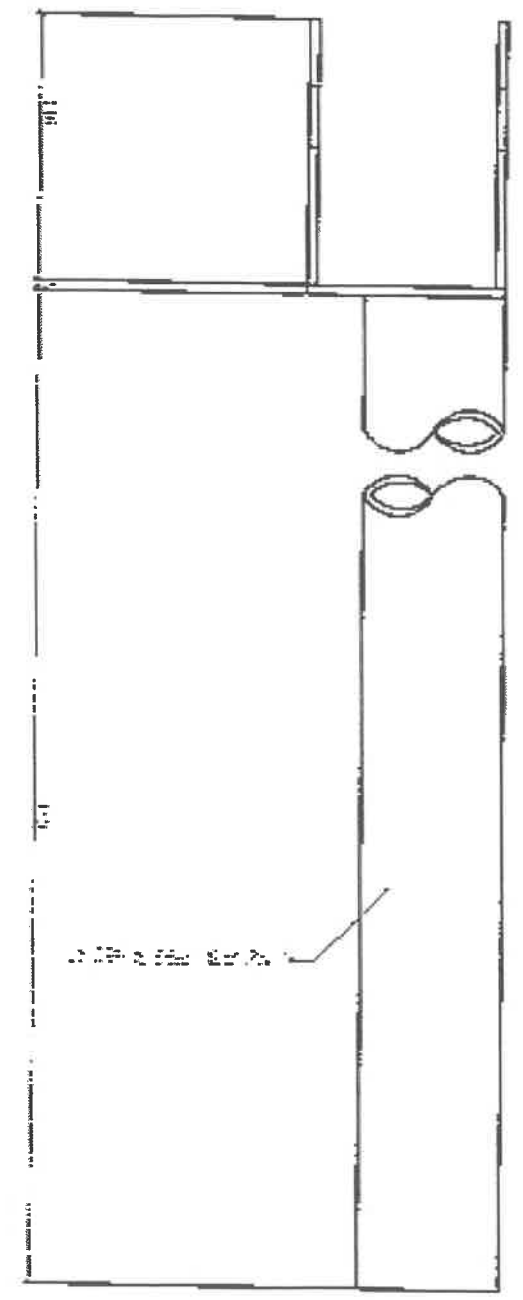
FRONT VIEW



TOP VIEW

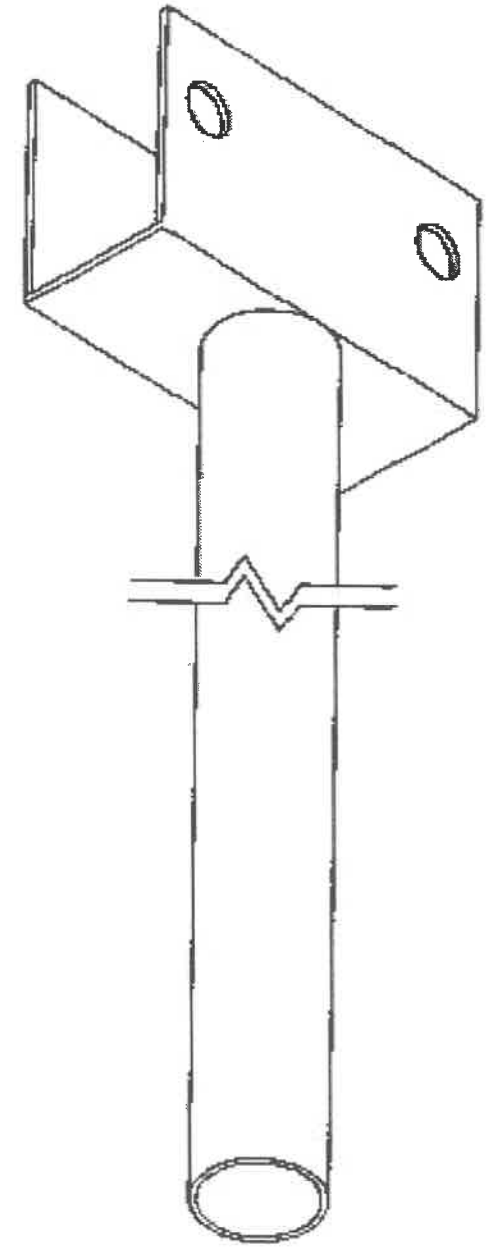


SIDE VIEW



INTERMEDIATE POST

ISOMETRIC VIEW





LEZL A. BAUTISTA
PROJECT MANAGER

ALDRIN E. BAQUA
PROJECT MANAGER

ARNOLD A. PAPA
PROJECT MANAGER

RICHARD L. CACHUELA
PROJECT MANAGER

MODIFIED FLATBED TRUCK

AS SHOWN

16
29

LOSD

REDAWN BY

NOTED BY

RECOMMENDING APPROVAL

APPROVED BY

PROJECT TITLE

SHEET CONTENTS

SHEET NO.

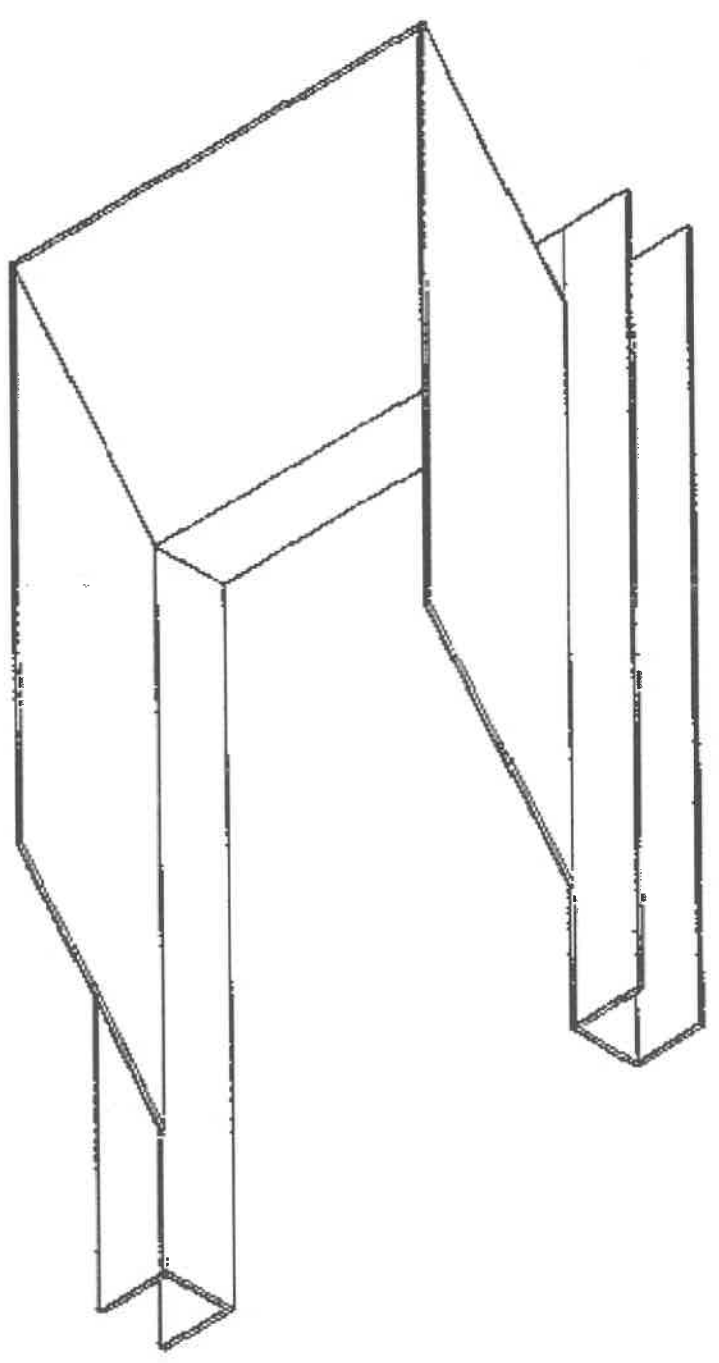
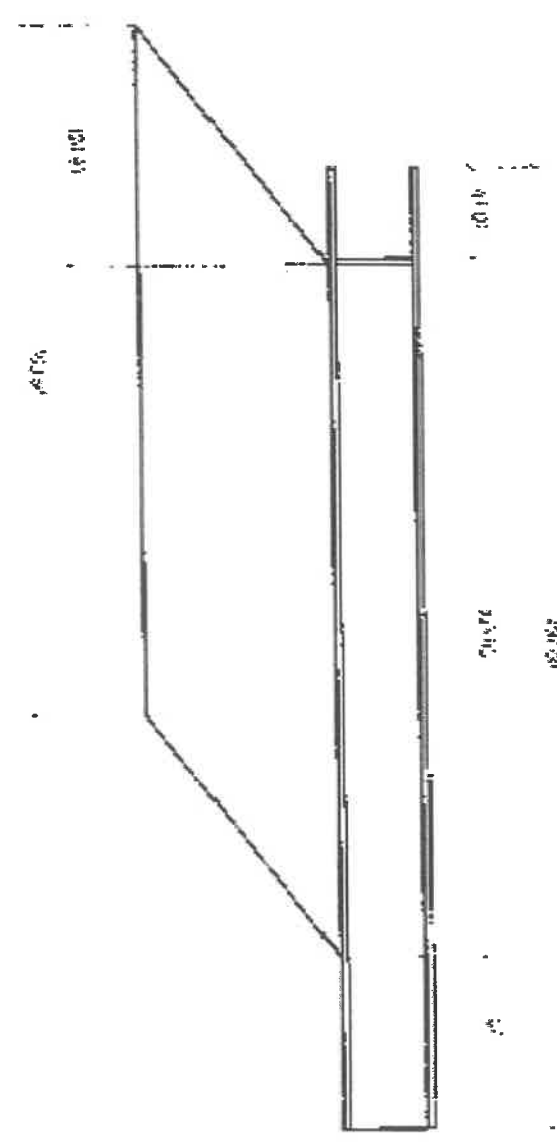
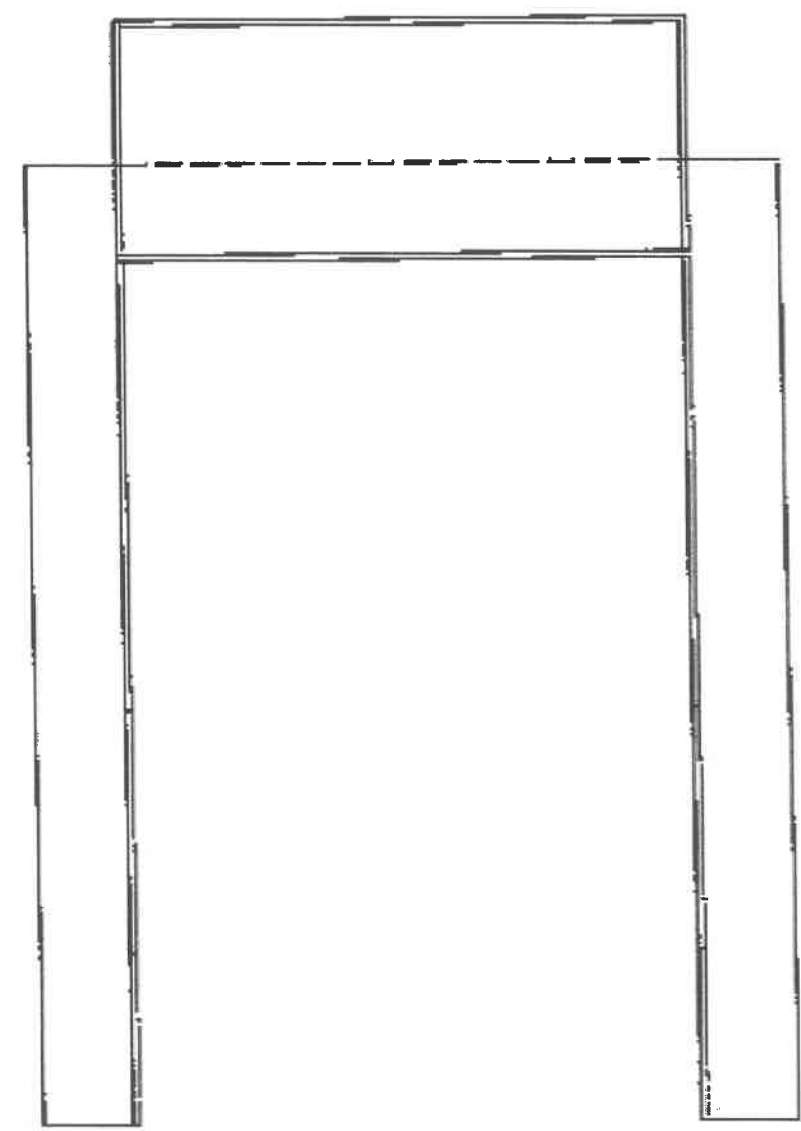


DISCHARGE PORT

FRONT VIEW

SIDE VIEW

ISOMETRIC VIEW





LIEZLA B. BAPTISTA
PROJECT ENGINEER

ALDRINE E. JACUA
PROJECT ENGINEER

ARNEL J. MONTAÑA
PROJECT ENGINEER

RICARDO E. CACHUELA
PROJECT ENGINEER

MODIFIED FLATBED DRIVER

AS SHOWN

17
29

USBC:

DESIGNED BY:

NOTED BY:

RECOMMENDING APPROVAL:

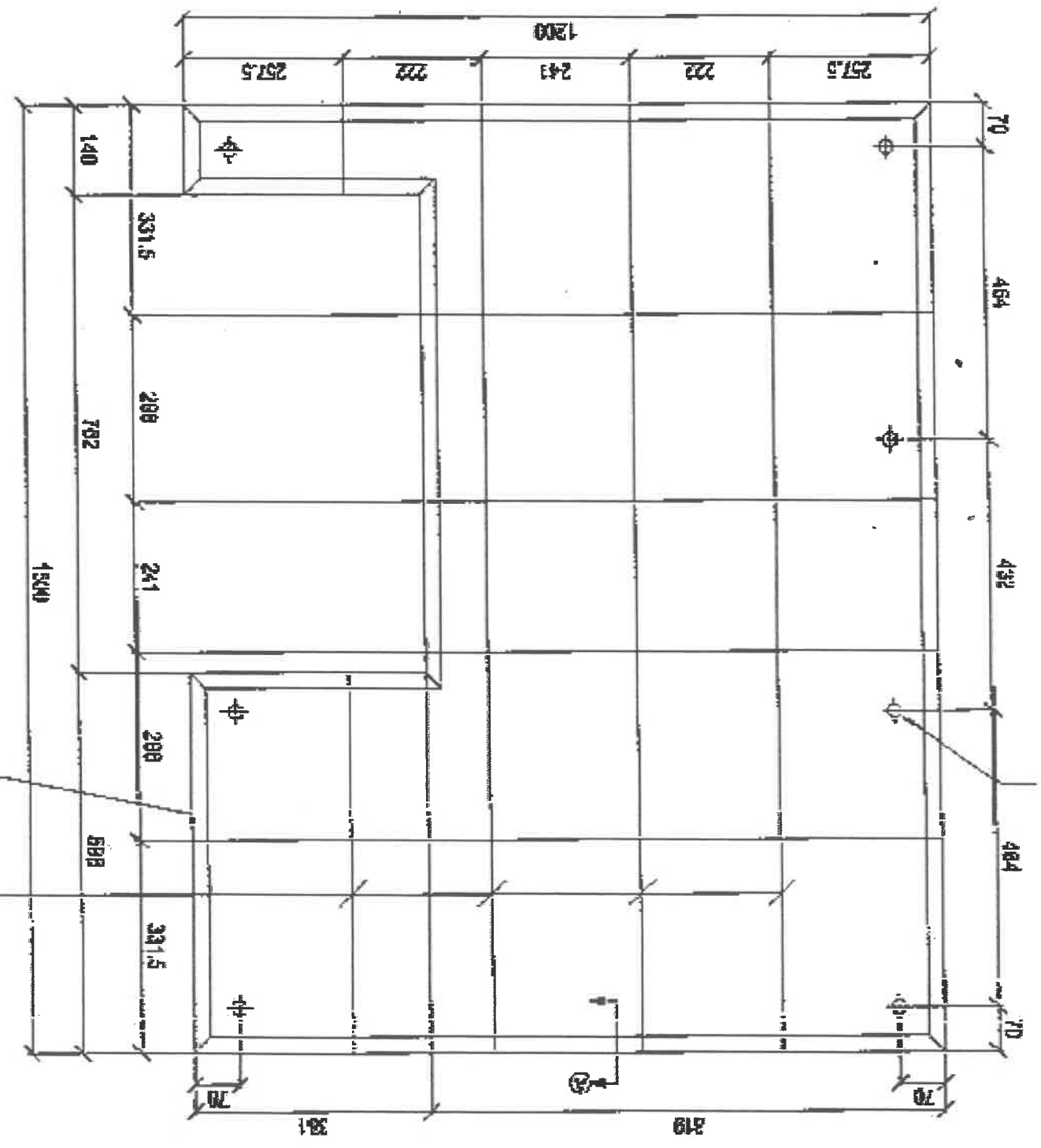
APPROVED BY:

PROJECT TITLE:

SHEET CONTENTS:

SHEET NO.:

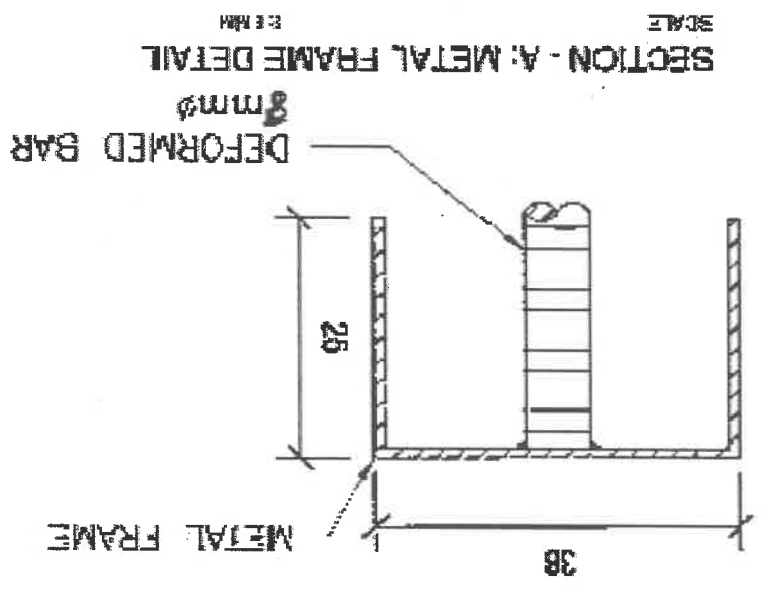
METAL FRAME AND REINFORCEMENT (P1)
SCALE




7/8 in. ϕ hole

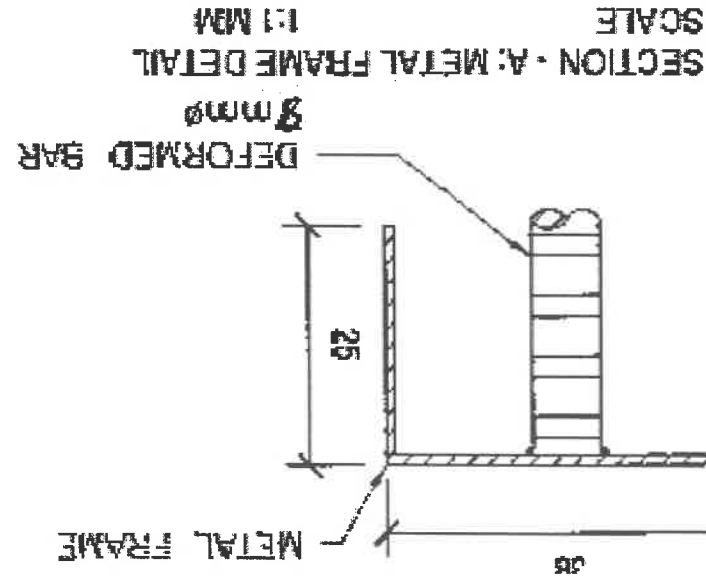
8mm diameter deformed reinforcement bars

Metal Frame - GI sheet Co #16



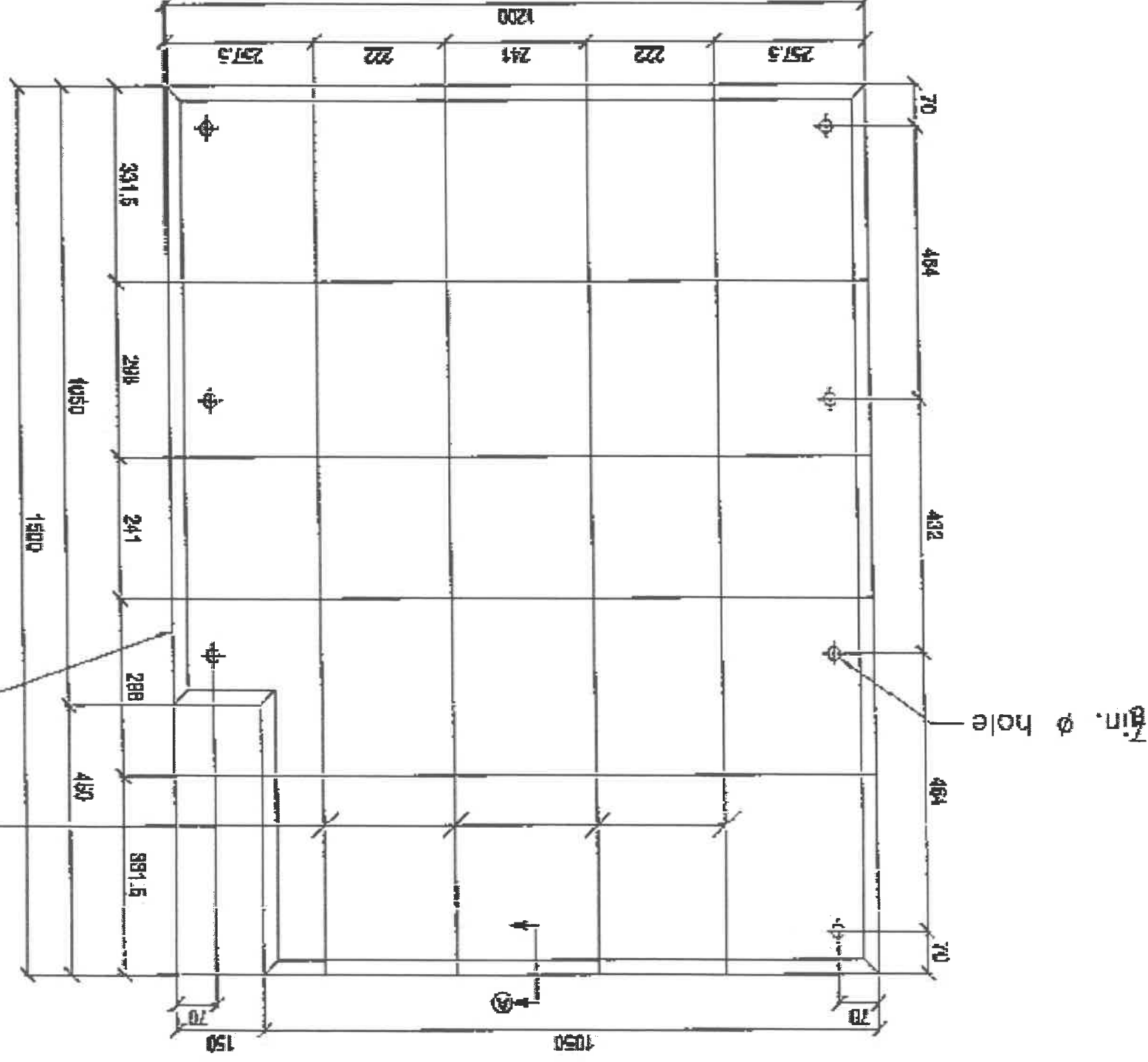
LOGO:	REVIEWER BY:	NOTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENTS:	SHEET NO.:
	LEIZL A. SAUTISTA TECHNICAL STAFF	ALDRIN E. BADA LAC ASU	ANNE R. ALONSO LAC ASU POST-APPROVAL REVIEWER FOR TECHNICAL STAFF	RICHARDO L. CACHUELA LAC ASU	MODIFIED FLATBED DRYER	AS SHOWN	18 29


SCALE
METAL FRAME AND REINFORCEMENT (P2)



8mm diameter deformed reinforcement bars
Metal frame - GI sheet Ga #16

Note: All units are in millimeters unless otherwise specified

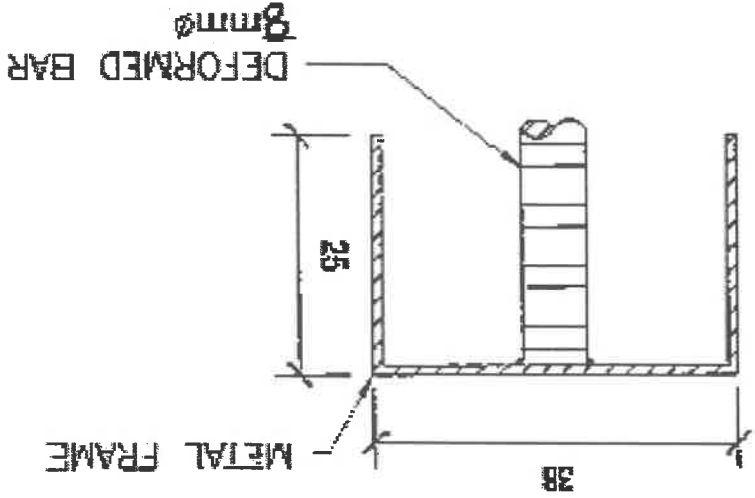


	DESIGNED BY: LIEZL A. BALUSTIA	NOTED BY: ALBERT E. ABUJA	RECOMMENDING APPROVAL: ARNEL M. ALARIN	APPROVED BY: RICARDO L. CACHUELA	PROJECT TITLE: MODIFIED FLATBED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">19</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">29</div> </div>
--	--	-------------------------------------	--	--	--	-----------------------------	---

Note: All units are in millimeters unless otherwise specified

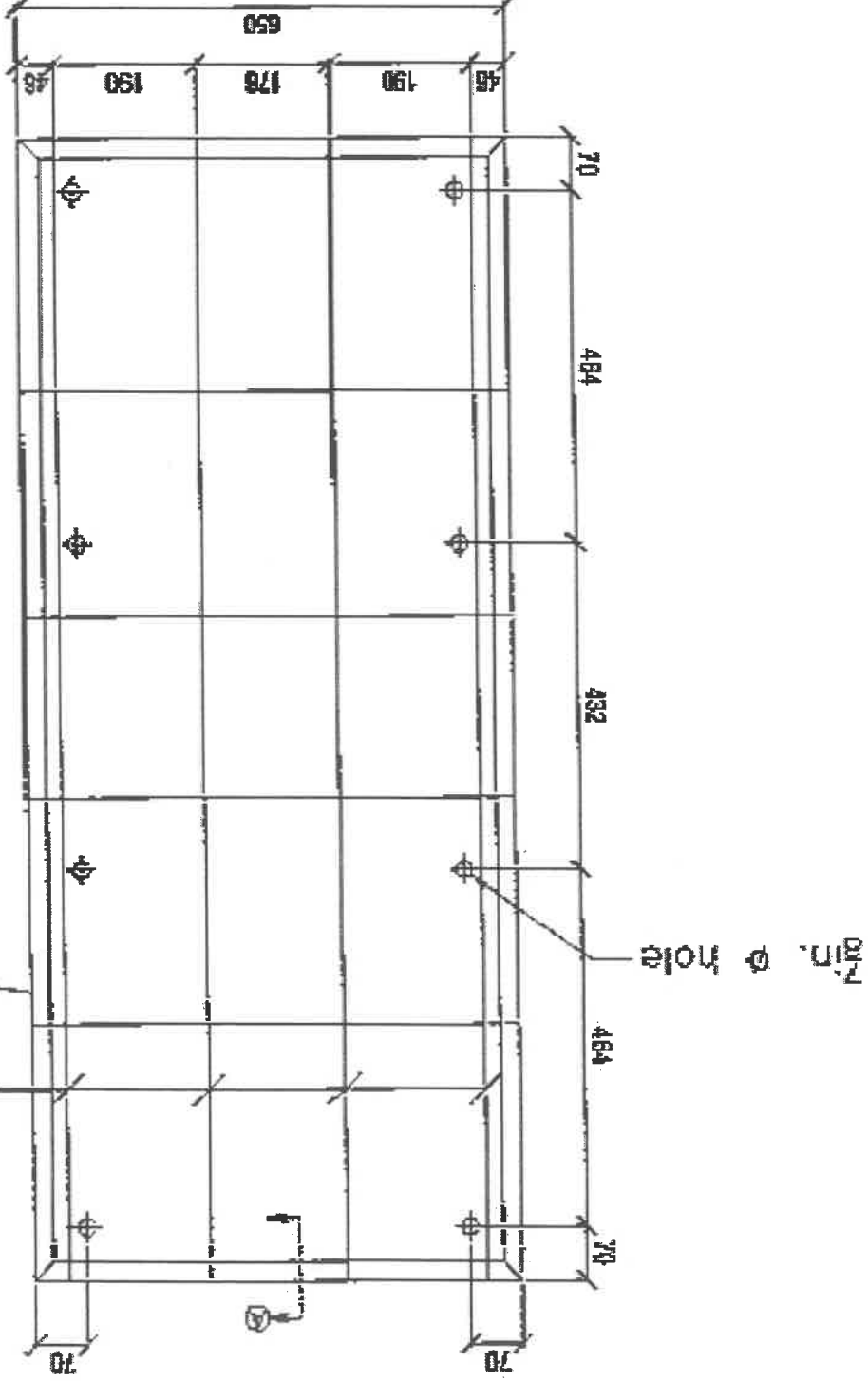
8mm diameter deformed reinforcement bars

Metal Frame - GI sheet Ga #16



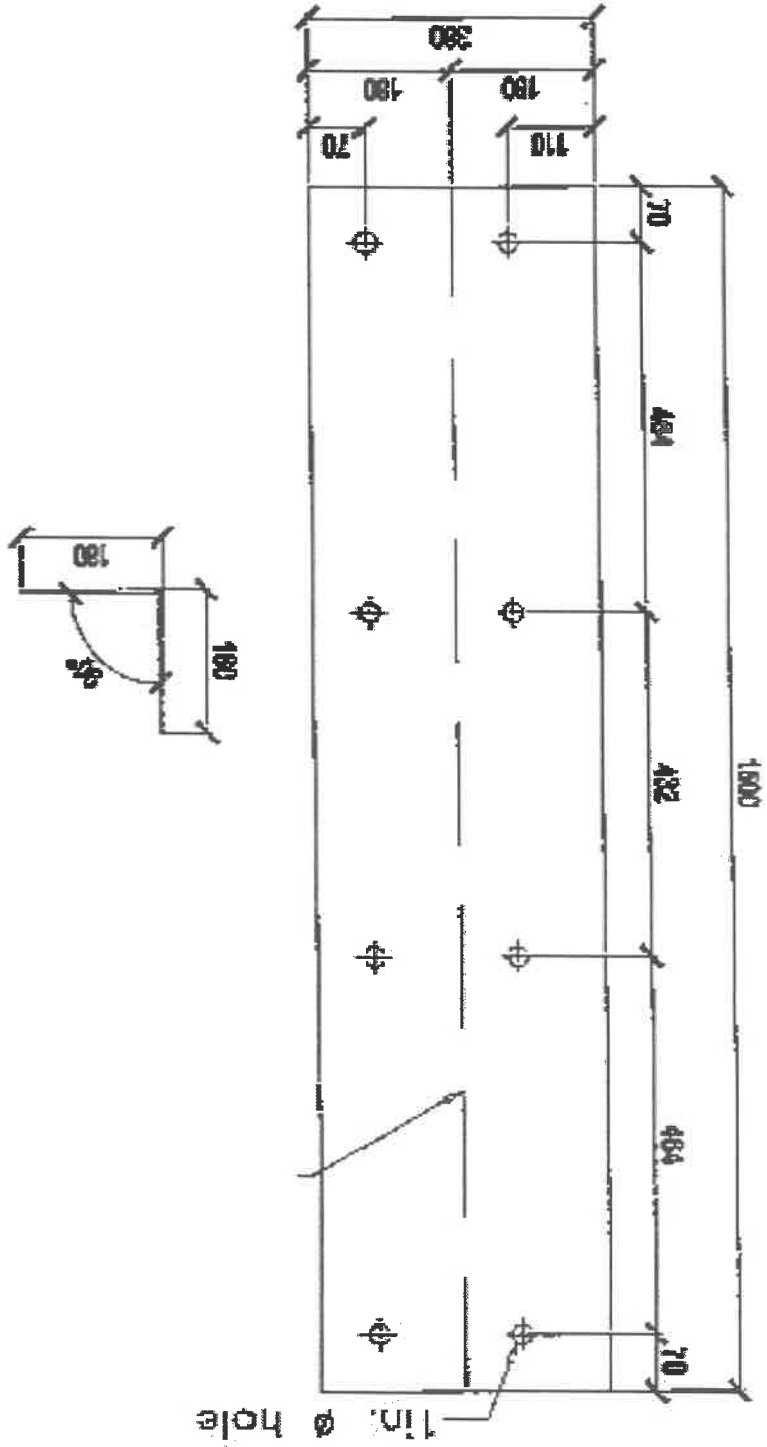
SECTION - A: METAL FRAME DETAIL
SCALE 1:1 MM

METAL FRAME AND REINFORCEMENT (P3)

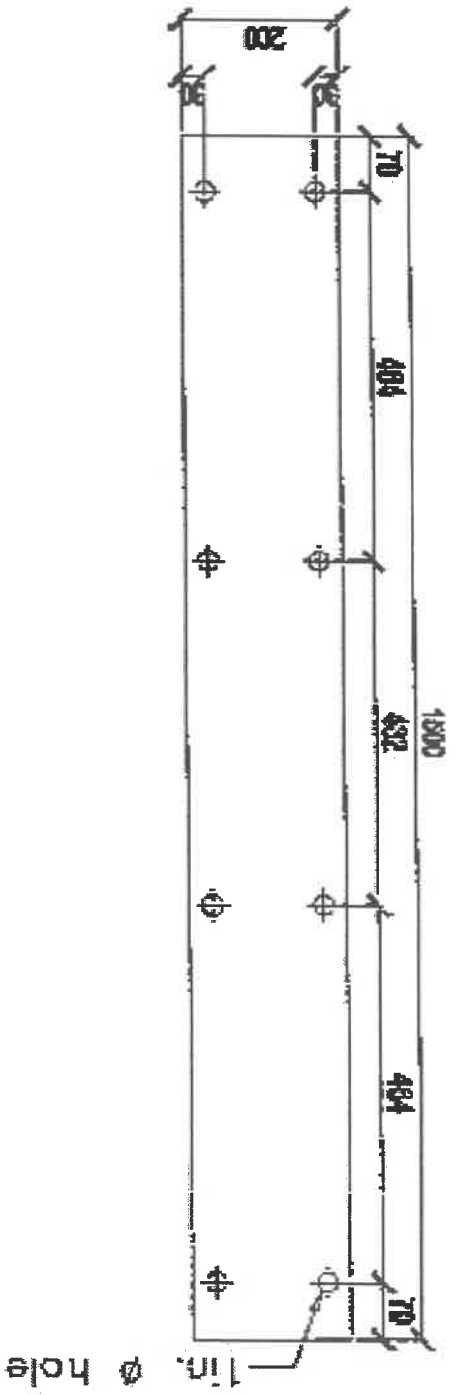


LOGO:	DESIGNED BY: LIEZL A. SAMUTISTA	NOTED BY: ALDRINE BADA	RECOMMENDING APPROVAL: ARNEL HANIN M. BAGA	APPROVED BY: RICARDO L. CACHUELA	PROJECT TITLE: MODIFIED FLATBED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: 20
-------	------------------------------------	--------------------------------------	--	--	--	-----------------------------	------------------

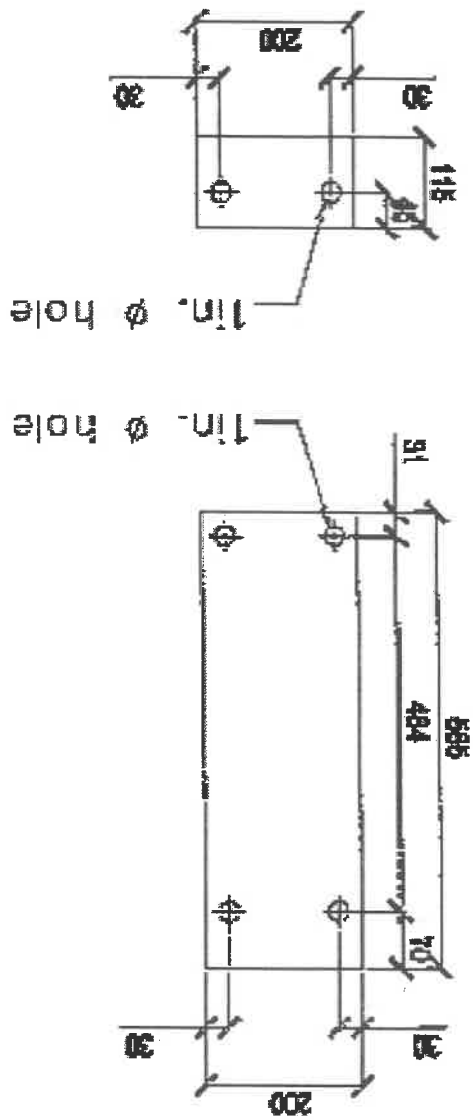
CORNER CONNECTOR



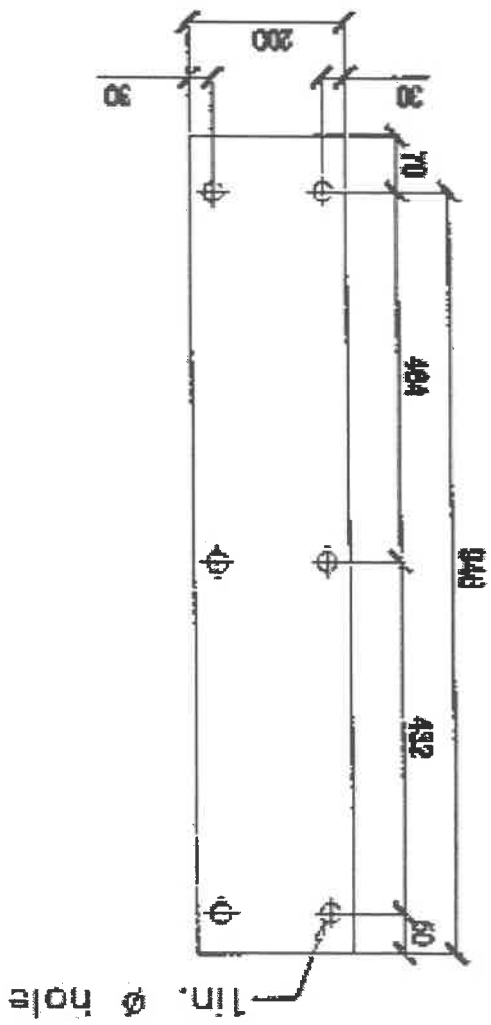
FULL CONNECTOR



P1 CONNECTORS



P2 CONNECTOR



Note:
- Connectors made of 4mm thick MS plate
All units are in millimeters unless otherwise specified



TECHNICAL STAFF
LIEZL A. BAUTISTA
Lib

AL
ALCORN E. BAYUA

[Signature]
ARNEL H. PAGA
CHIEF TECHNICAL STAFF/REGIONS CLIMATE FOR
POST-HARVEST LOSS REDUCTION/REGIONS

RICHARDO L. CACHUELA
PROJECT MANAGER

MODIFIED FLATBED DRYER

AS SHOWN

21
29

LOGO:

DESIGNED BY:

APPROVED BY:

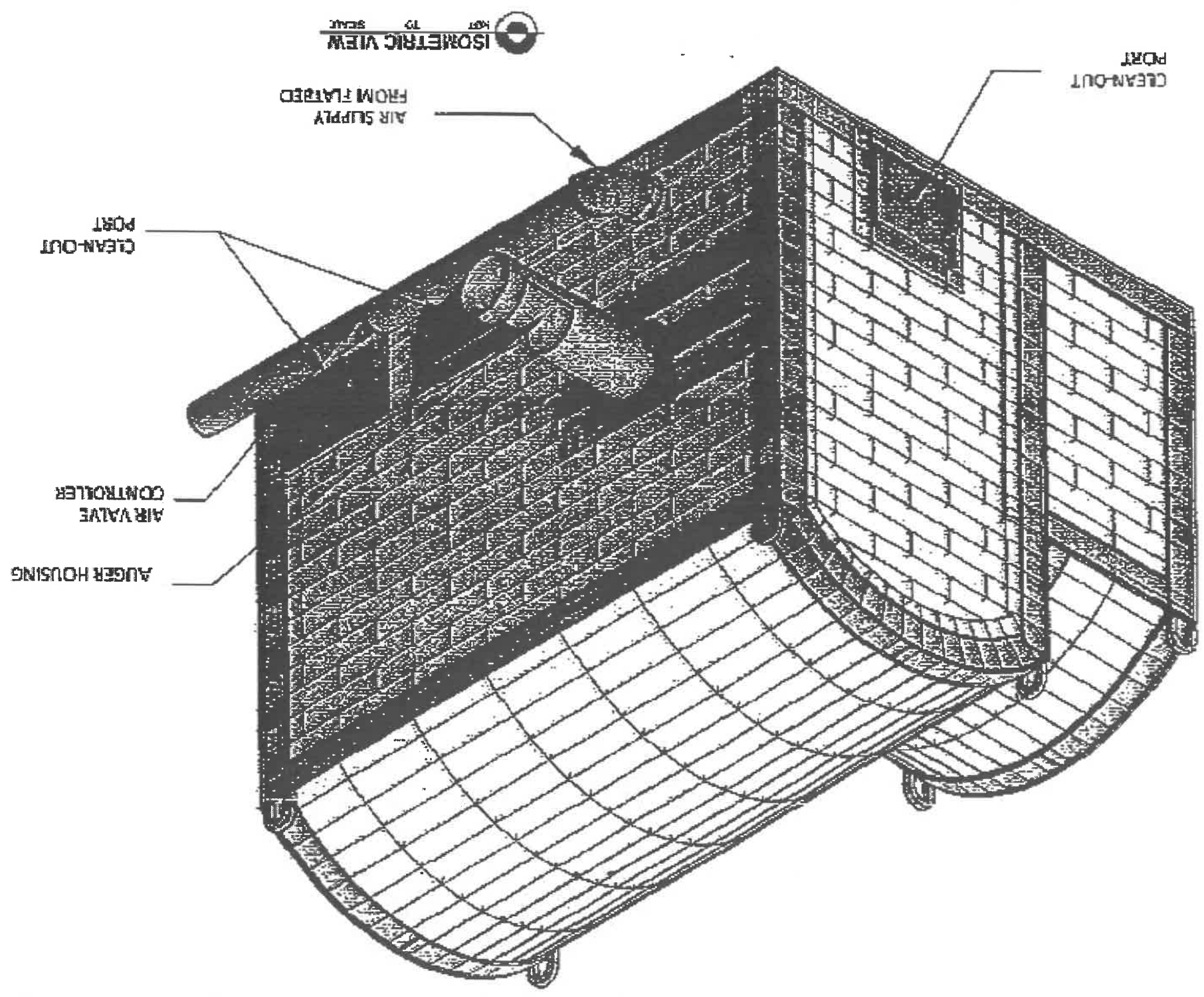
RECOMMENDING A PROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENTS:

SHEET NO.:





LOGO

TECHNICAL DRAWING

REVISIONS

NOTED BY:

APPROVED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENTS:

SHEET NO.

AS SHOWN

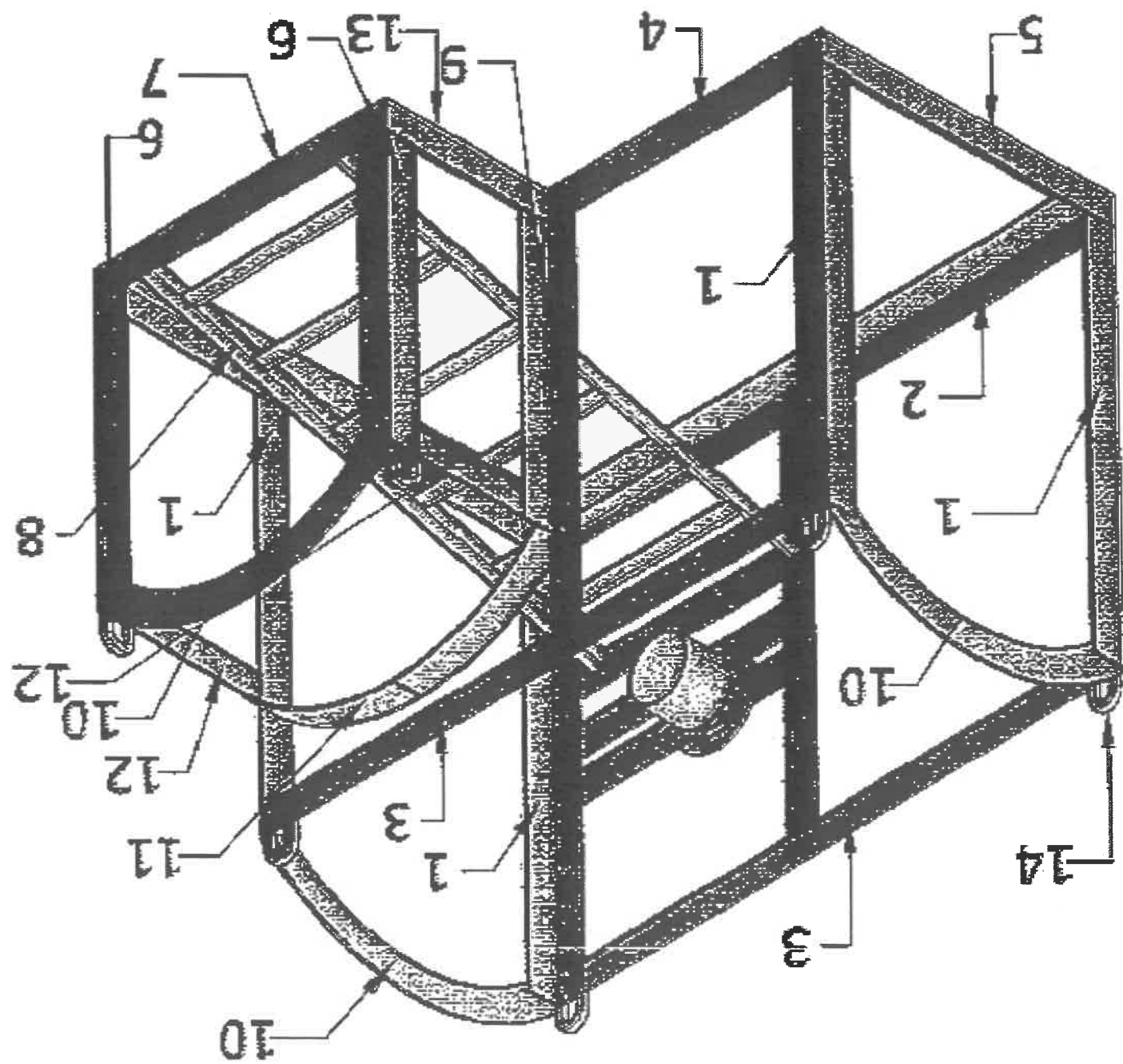
MODIFIED FLATBED DRYER

RICHARDO S. CACHUELA

ALBERTO RAMIREZ ALVARADO
CHIEF ENGINEER
PHILIPPINE INSTITUTE OF CIVIL ENGINEERS

22
29

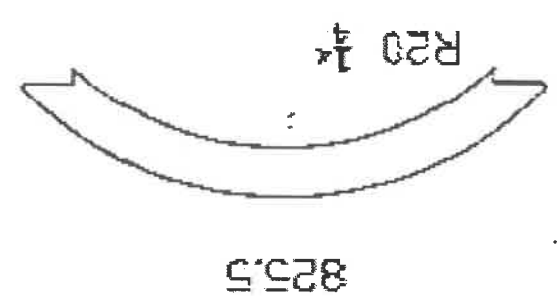
FURNACE FRAME
SCALE
NOT



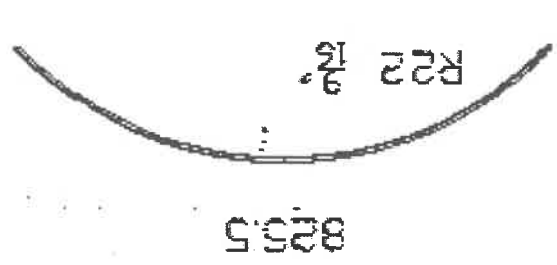
LEGEND


- 1. Bended MS Plate, 3" x 3" x 6mm, 42 3/4" long
- 2. Bended MS Plate, 3" x 3" x 6mm, 63 1/2" long
- 3. MS Plate, 3" x 6mm, 57 1/2" long
- 4. Bended MS Plate, 3" x 3" x 6mm, 42 3/4" long
- 5. Bended MS Plate, 3" x 3" x 6mm, 33 1/2" long
- 6. Bended MS Plate, 3" x 3" x 6mm, 29 1/2" long
- 7. Bended MS Plate, 3" x 3" x 6mm, 32 1/2" long
- 8. Bended MS Plate, 3" x 3" x 6mm, 50 1/2" long
- 9. Bended MS Plate, 3" x 3" x 6mm, 39 1/2" long
- 10. see Detail A
- 11. see Detail B
- 12. MS Plate, 3" x 6mm, 11 1/2" long
- 13. Bended MS Plate, 3" x 3" x 6mm, 21 1/2" long
- 14. Round Bar, 12mm, 5 pcs

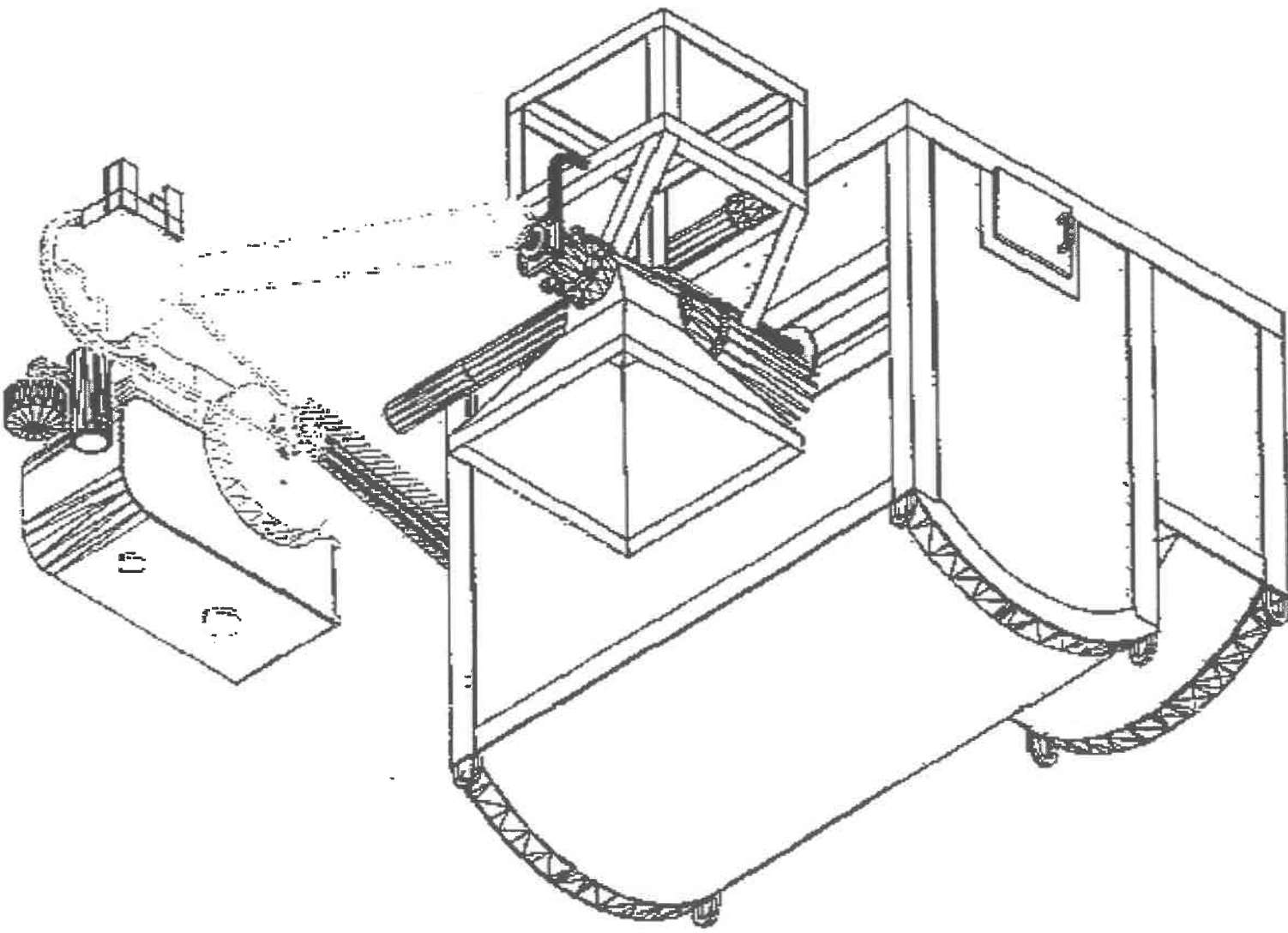
DETAIL A
SCALE
1:5




DETAIL B
SCALE
1:10

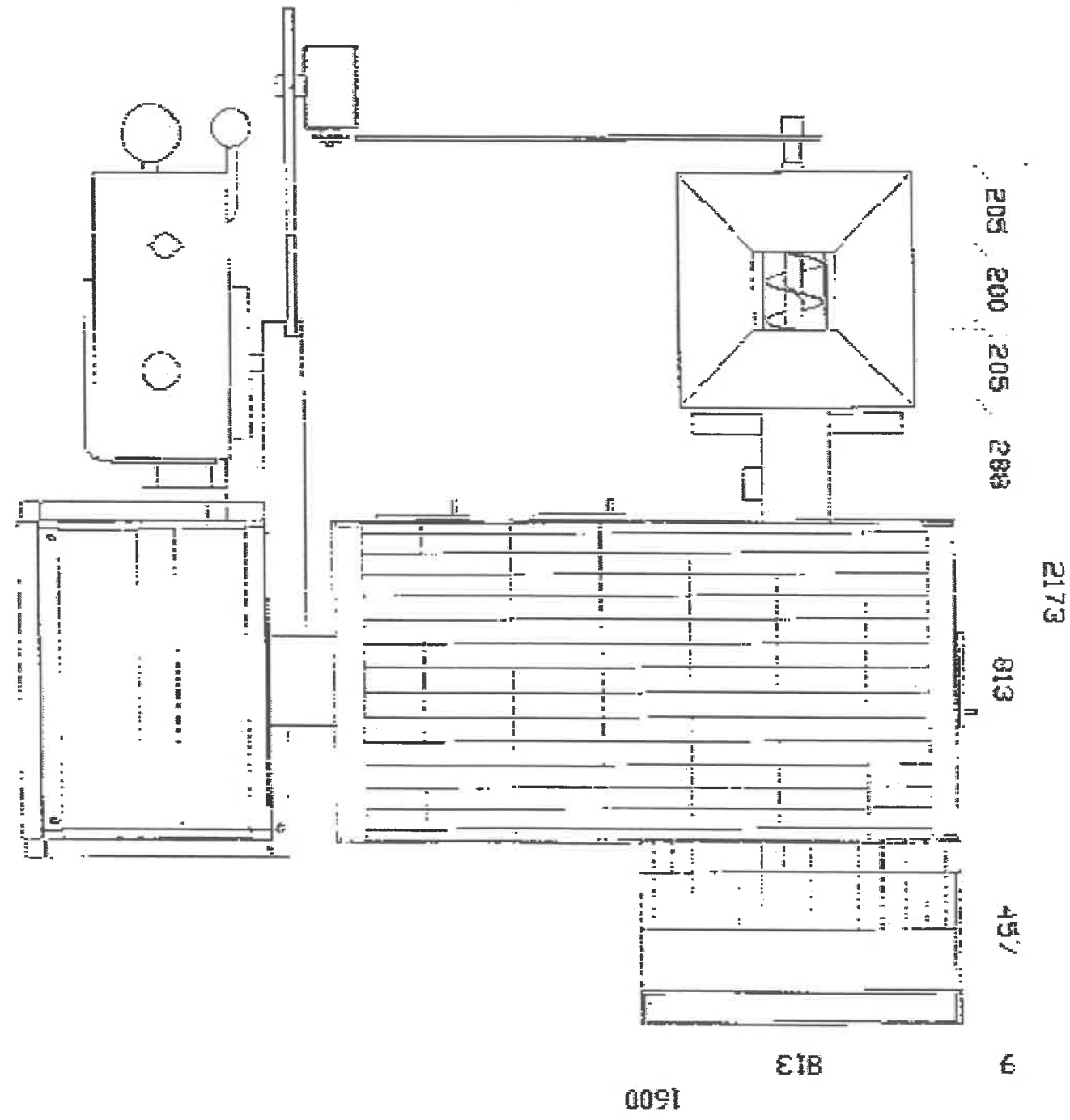


	REDESIGNED BY: LIEZ A. BAUTISTA <small>TECHNICAL SKILLS</small>	NOTED BY: ALONSO E. BADA <small>TECHNICAL SKILLS</small>	RECOMMENDING APPROVAL: ABNEL RAMIL LAPAGA <small>TECHNICAL SKILLS</small>	APPROVED BY: RICARDO L. CACHUELA <small>TECHNICAL SKILLS</small>	PROJECT TITLE: MODIFIED FLATBED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: 23
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ISOMETRIC VIEW
SCALE 1/2" = 1'-0"

	REPAIRING SY. LIEZL A. SAUTISTA TECHNICAL STAFF	NOTED BY ALBRIN E. BADAUA ASST. CHIEF	RECOMMENDING APPROVAL ARNEL B. BARRERA ASST. TO DIRECTOR CIVIL ENGINEERING DIVISION	APPROVED BY RICARDO L. CACHUELA DIVISION CHIEF	PROJECT TITLE MODIFIED FLATBED DRYER	SHEET CONTENTS AS SHOWN	SHEET NO. 24 29
---	---	---	--	--	---	----------------------------	-----------------------



PLAN
SCALE 1/32



TECHNICAL STAFF
LIEZLA BAUTISTA

TECHNICAL STAFF
ALDRIN E. BADAUA

APPROVED BY:
ARNEL M. PAGA
POST-GRADUATE ENGINEER (PE)
REGISTERED PROFESSIONAL ENGINEER

APPROVED BY:
RICARDO L. CACHUELA
REGISTERED PROFESSIONAL ENGINEER

PROJECT TITLE:
MODIFIED FLATBED DRYER

AS SHOWN

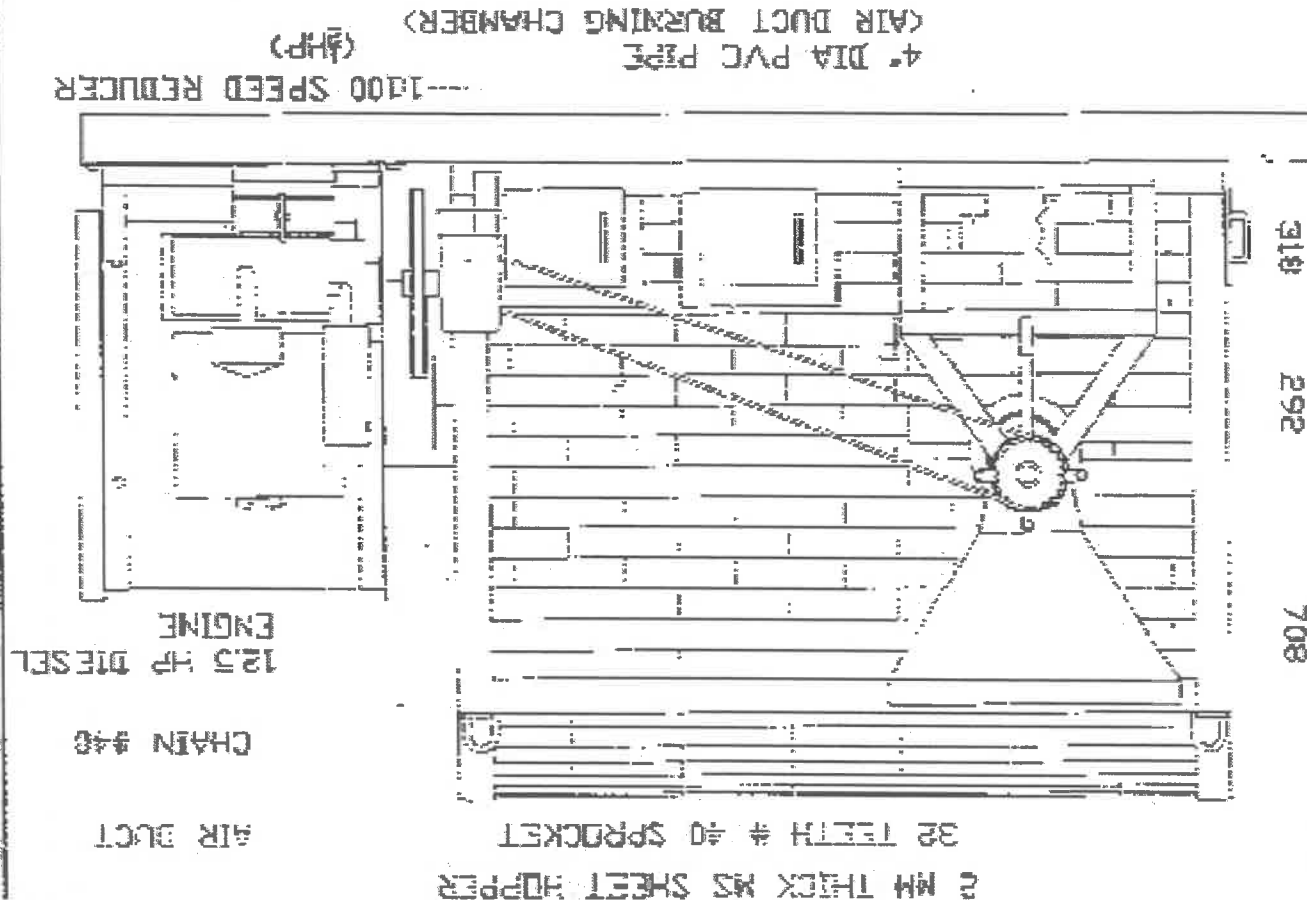
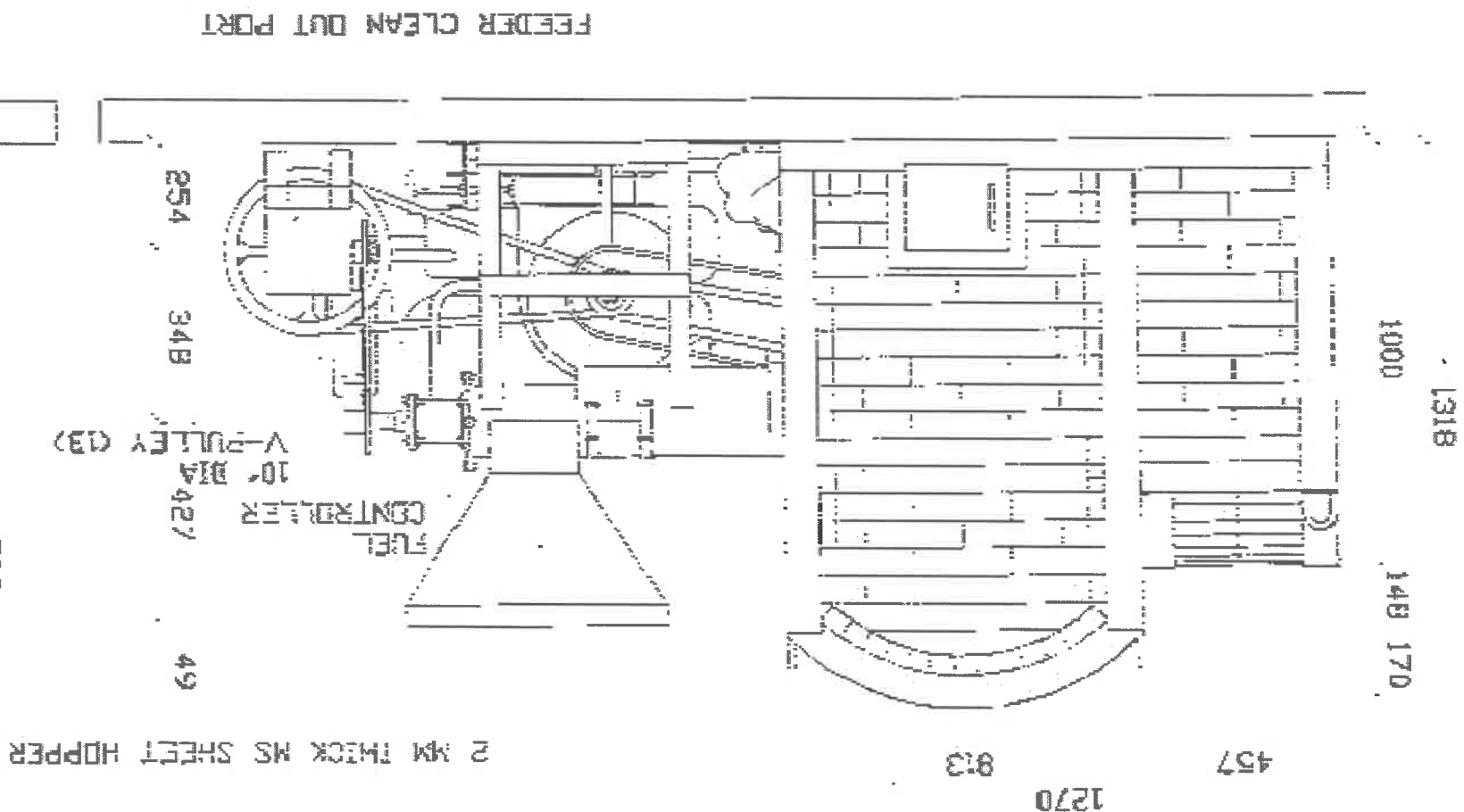
25

29

LOGO: DRAWN BY: NOTED BY: RECOMMENDING APPROVAL: APPROVED BY: PROJECT TITLE: SHEET COMMENTS: SHEET NO.:

FRONT ELEVATION
SCALE
1:20

RIGHT SIDE ELEVATION
SCALE
1:20





LOGO

REDAKIN BY:
LIZEL A. BAUTISTA

REDAKIN BY:

NOTED BY:
ALDRIN E. BAQUA

NOTED BY:

RECOMMENDING APPROVAL:
ARVEL M. MONTAÑA

RECOMMENDING APPROVAL:

APPROVED BY:
RICARDO L. CACHUELA

APPROVED BY:

PROJECT TITLE:
MODIFIED FLATBED DRIVER

PROJECT TITLE:

SHEET COMMENTS:
AS SHOWN

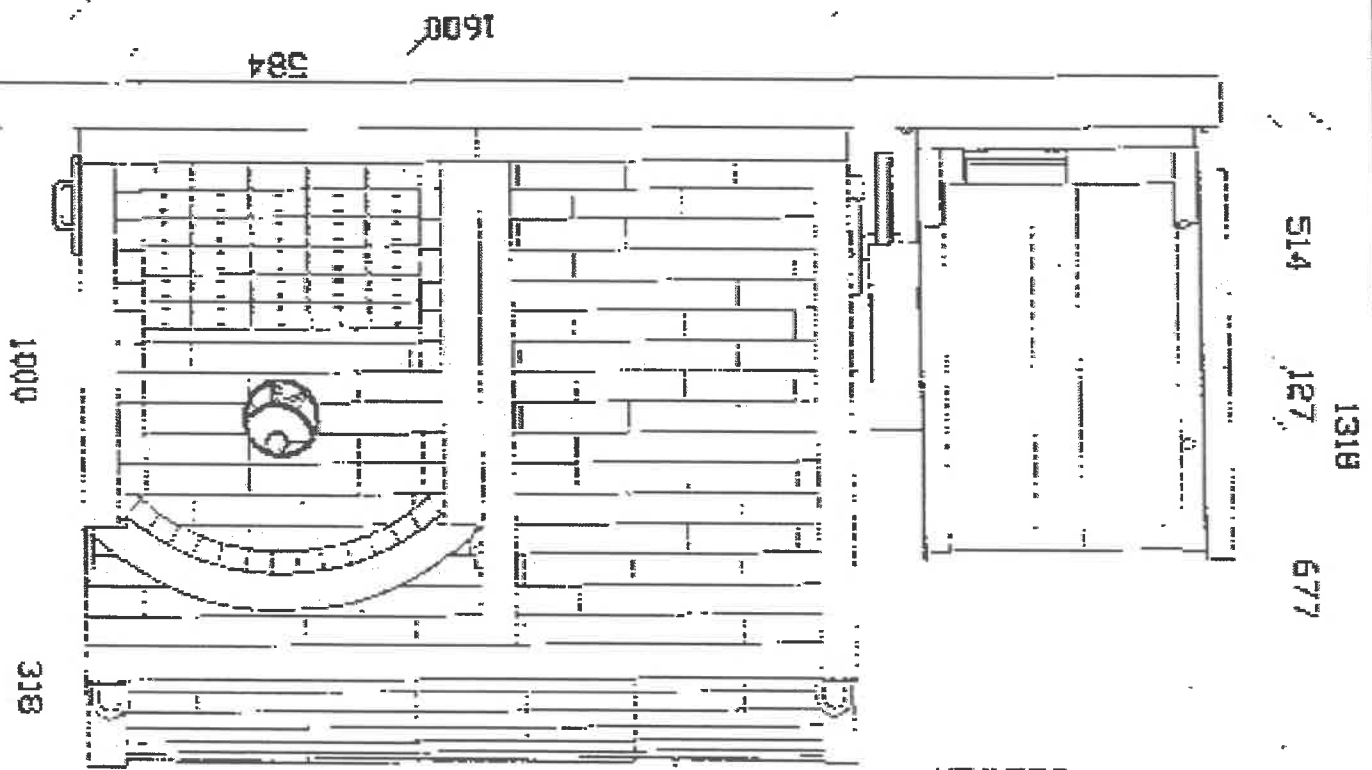
SHEET COMMENTS:

29

26

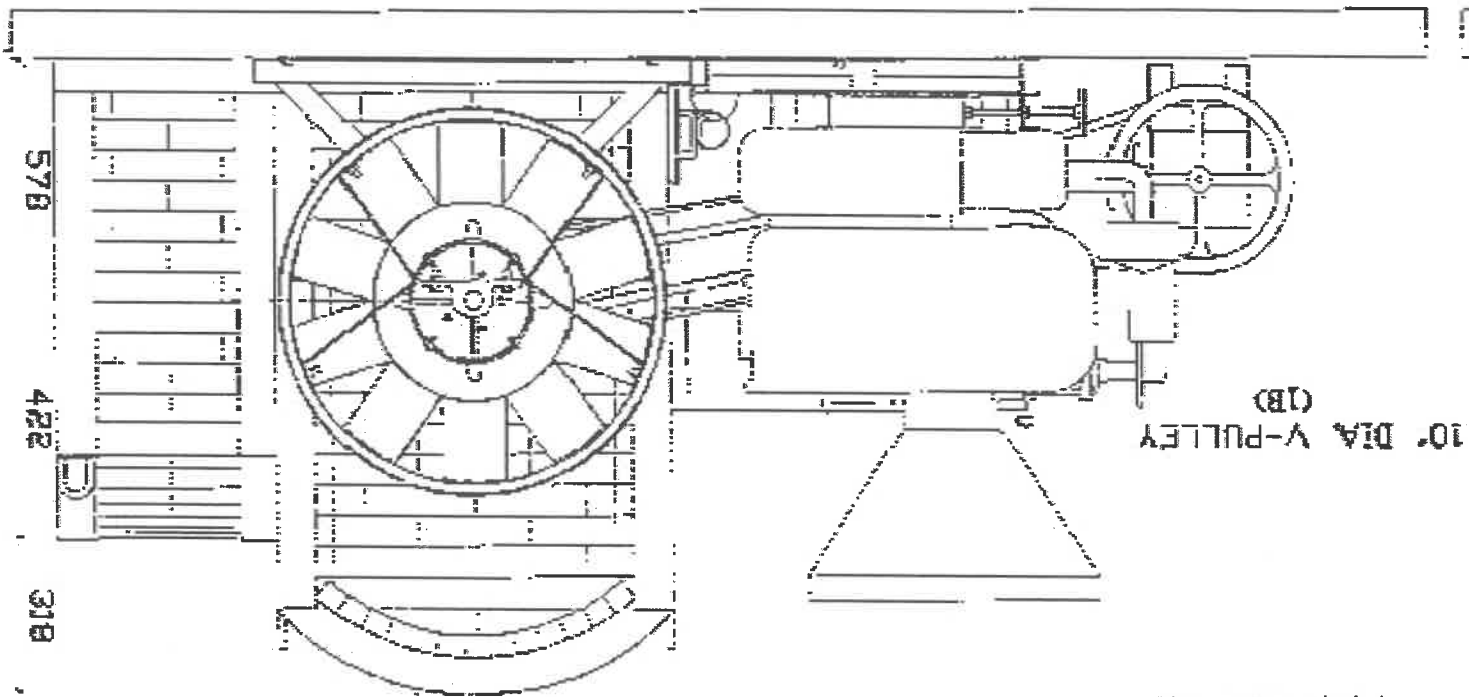
SHEET NO.:

LEFT SIDE ELEVATION
SCALE 1/2"

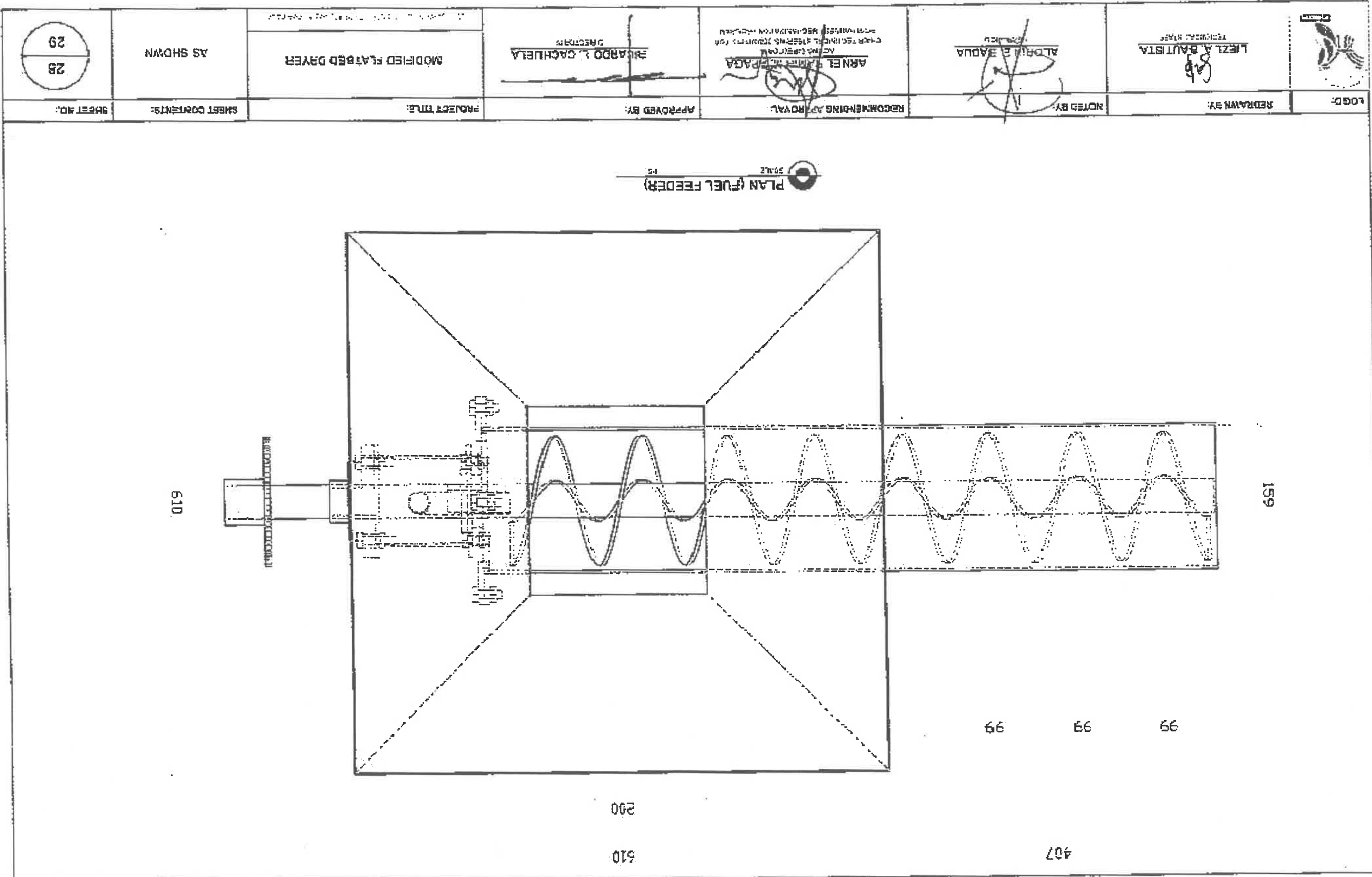


AXIAL TYPE
BLOWER
WEDGE TYPE BRICKS
4.5' X 9' X 2.5'
FIRE BRICKS

REAR ELEVATION
SCALE 1/2"



10" DIA V-PULLEY (1B)
2 MM THICK MS SHEET
FUEL HOPPER





TECHNICAL STAFF
LIEUT. N. FAUSTISTA

ADRIAN Z. BADAUA
2025.02.01

ARNEL RAMON LAPAGA
2025.02.01
TECHNICAL STAFF
TECHNICAL STAFF

RICARDO L. CADAYELA
2025.02.01

MODIFIED FLATBED TRAYER

AS SHOWN

29
29

LOGO

REVISION BY

NOTED BY

SECONDARY APPROVAL

APPROVED BY

PROJECT TITLE

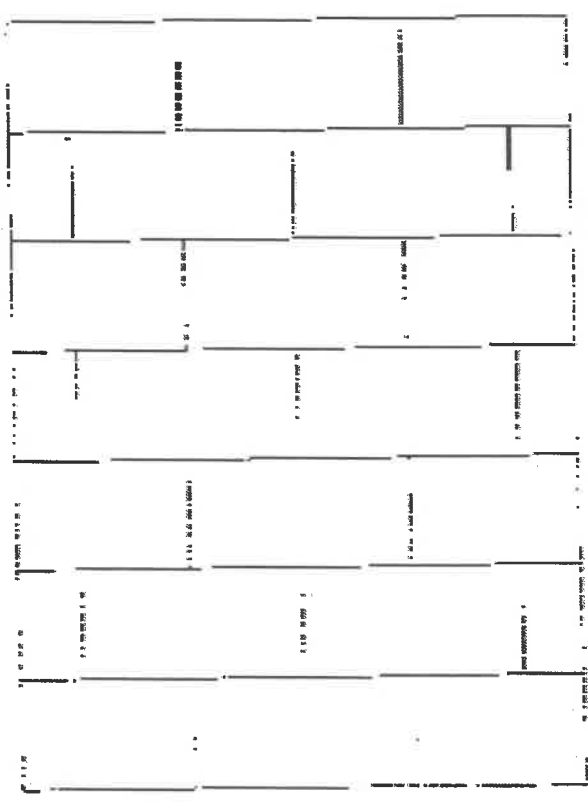
SHEET CONTENTS

SHEET NO.

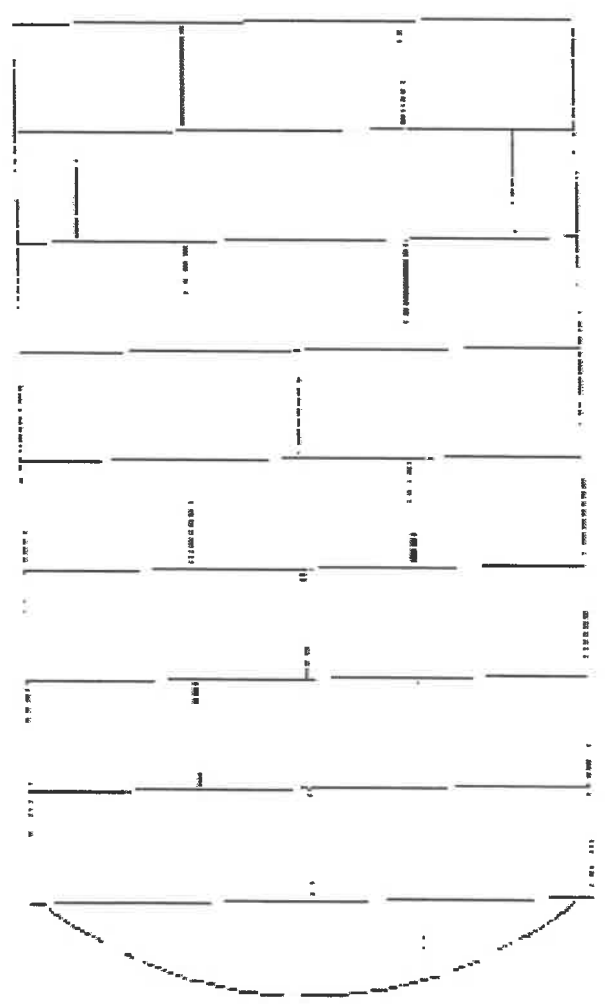
DIVIDER 1
SCALE 1:100

DIVIDER 2
SCALE 1:100

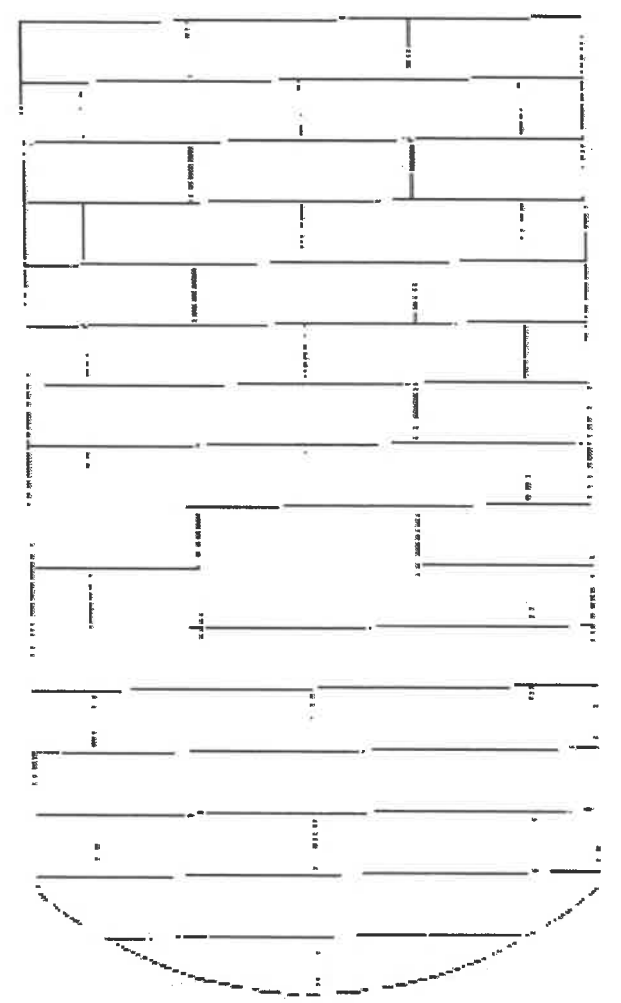
BACKWALL
SCALE 1:100



584



584
457



508

127

121

584
178 229 178

PROJECT SIGNBOARD

- THE BILLBOARD DESIGN LAYOUT AND DIMENSION SHALL BE ON A STANDARD BILLBOARD MEASURING 1200 mm x 2400 mm (4FT x 8FT.) USING 12 mm ($\frac{1}{2}$ INCH) THICK MARINE PLYWOOD OR TARPULIN POSTED ON 5 mm ($\frac{1}{8}$ INCH) MARINE PLYWOOD.

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
ILOILO CITY

ESTABLISHMENT OF FLATBED DRYER PROJECT REGION WIDE	
CONTRACTOR	:
DATE STARTED	:
CONTRACT COMPLETION DATE	:
CONTRACT COST	:
IMPLEMENTING OFFICE	:
DEPARTMENT OF AGRICULTURE WESTERN VISAYAS	:
SOURCE OF FUND	: RICE PROGRAM 2023

COA BILLBOARD

TARPAULIN, WHITE, 8 FT x 8 FT
RESOLUTION: 70 DPI
FONT: HELVETICA
FONT SIZE: MAIN INFORMATION - 3"
SUB INFORMATION - 1"
FONT COLOR: BLACK

COA REGIONAL OFFICE NO./CLUSTER : _____
ADDRESS : _____
CONTACT NO. : _____ OR TEXT COA CITIZEN'S DESK AT 0915-5391957

FOR PARTICULARS OR COMPLAINTS ABOUT THIS PROJECT, PLEASE CONTACT THE REGIONAL OFFICE OR CLUSTER WHICH HAS AUDIT JURISDICTION ON THIS PROJECT:

PROJECT DATE		PROJECT STATUS					REMARKS
DURATION	STARTED	TARGET DATE OF COMPLETION	PERCENTAGE OF COMPLETION	AS OF (DATE)	COST INCURRED TO DATE	DATE COMPLETED	

PROJECT	:	ESTABLISHMENT OF FLATBED DRYER PROJECT
LOCATION	:	REGION WIDE
IMPLEMENTING AGENCY	:	DEPARTMENT OF AGRICULTURE WESTERN VISAYAS
DEVELOPMENT PARTNERS	:	
CONTRACTOR SUPPLIER	:	
BRIEF DESCRIPTION OF PROJECT	:	
FUND SOURCE/S	:	RICE PROGRAM 2023
PROJECT DETAILS :		

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
ILOILO CITY