
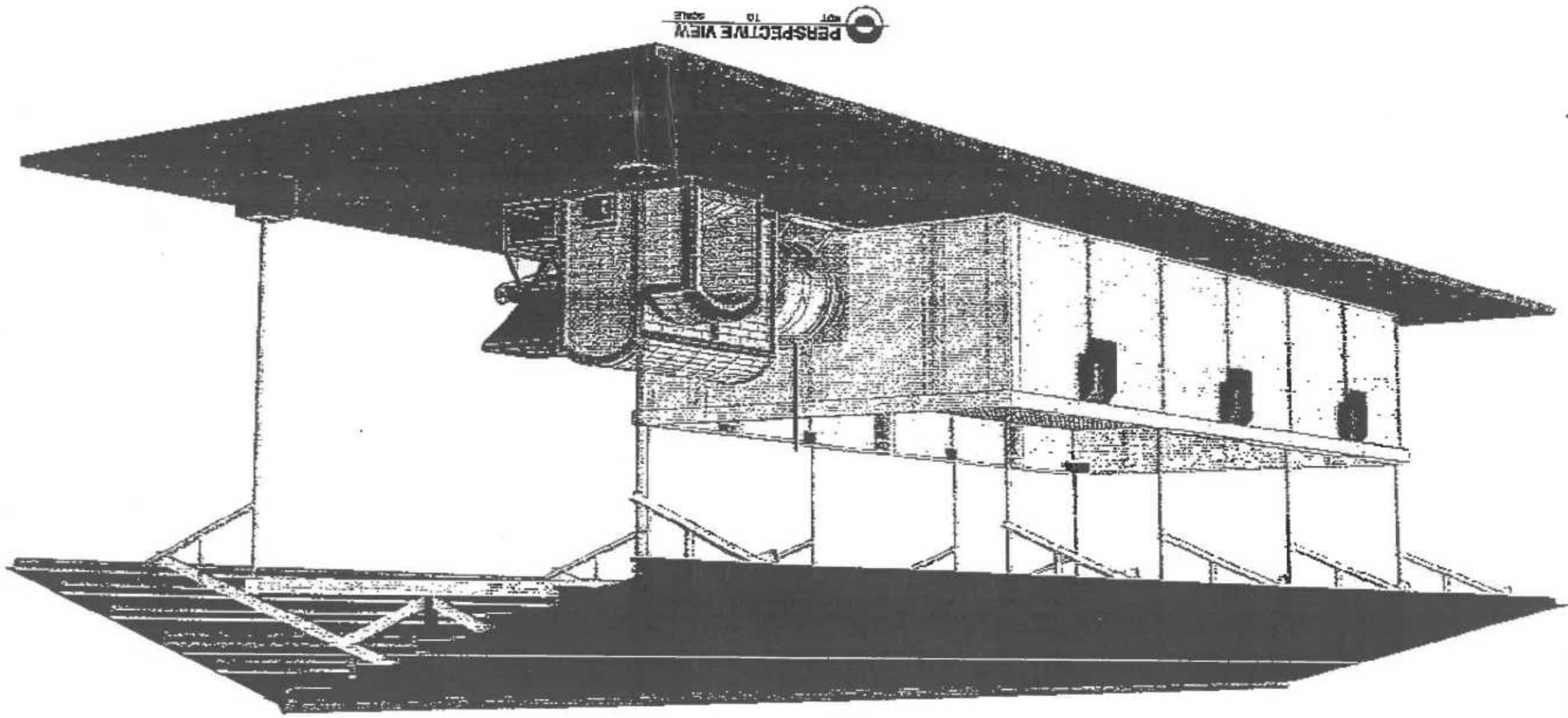
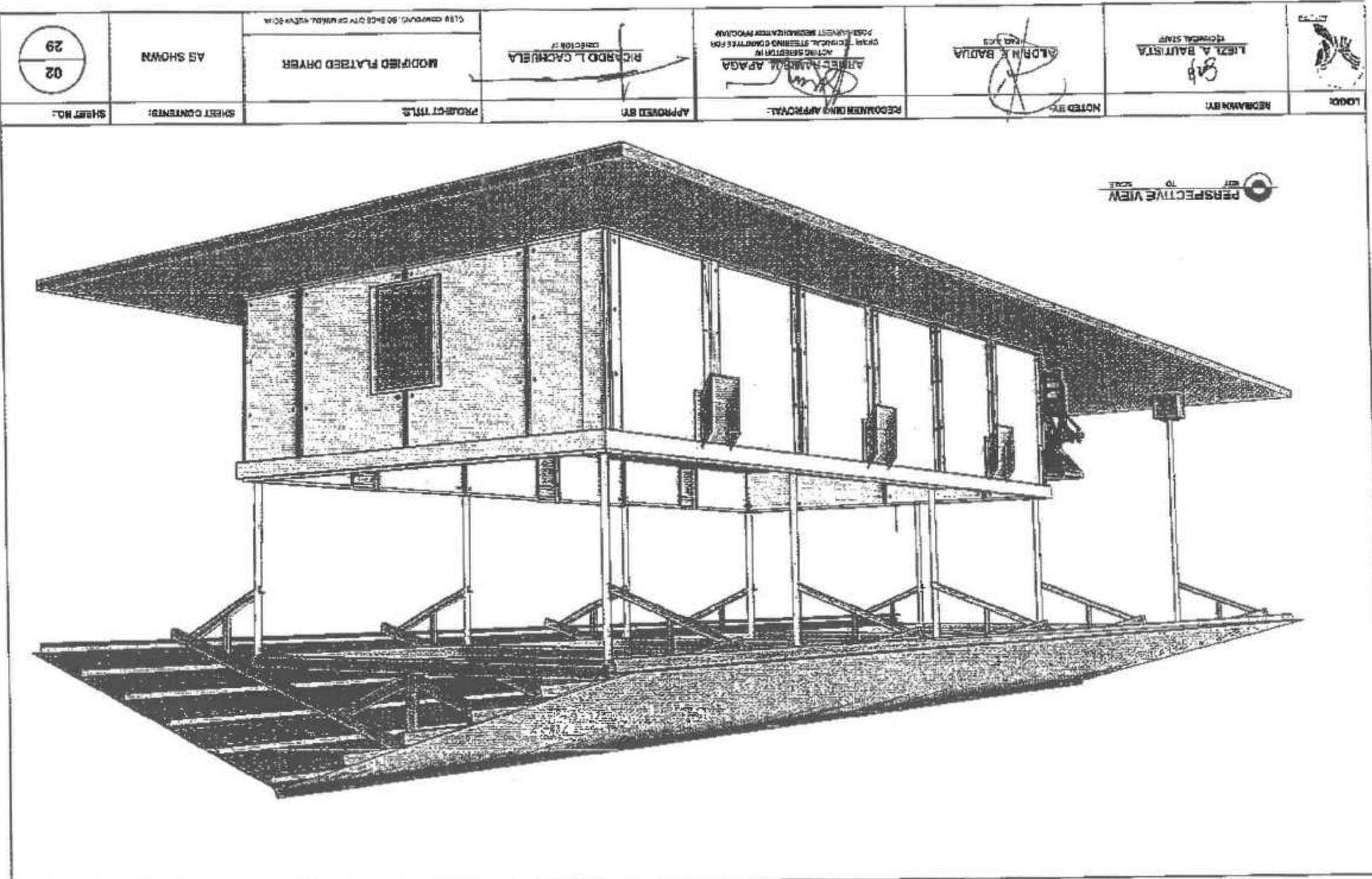


<div> <div>29</div> <div>01</div> </div>	AS SHOWN	MODIFIED FLATBED DRYER <small>USE COMPASS SCALE OF 1" = 10'-0" UNLESS OTHERWISE NOTED</small>	RICHARDO L. CACHUELA <small>DIRECTOR</small>	ARNEL M. APAGA <small>ACTING DIRECTOR</small> <small>TECHNICAL SUPERVISOR FOR POSTHARVEST RECOMMENDATION PROGRAM</small>	ALDO E. BADA <small>HEAD</small>	LIEZL A. BAUTISTA <small>TECHNICAL STAFF</small>	
SHEET NO.	SHEET CONTENTS	PROJECT TITLE	APPROVED BY	RECOMMENDING APPROVAL	NOTED BY	REDAWN BY	LOGO



NOT TO SCALE  
 PERSPECTIVE VIEW



LIBEL A. BAUTISTA  
TECHNICAL STAFF

ALDO N. BADA  
HEAD ARCHT

ALBERTO M. APAGA  
ACTING SUPERVISOR IN  
CHARGE TECHNICAL STAFFING DIVISION FOR  
POST-HARVEST MECHANIZATION PROGRAM

RICHARDO L. CACHUELA  
DIRECTOR OF

MODIFIED FLATBED DRYER  
CLASS COMBUSTION, 80 INCH DIA WHEEL WITH 20 IN

AS SHOWN

02  
29

SHEET NO.

SHEET CONTENTS

PROJECT TITLE

APPROVED BY

RECOMMENDED APPROVAL

NOTED BY

REMARKS BY

LOADS



LOGO:

DRAWN BY:

LIEZ A. BAUTISTA  
TECHNICAL STAFF

NOTED BY:

ALDRIN E. BADUA  
HEAD, AICU

RECOMMENDING APPROVAL:

ARNET B. APAGA  
ACTING DIRECTOR III  
CHAIR, TECHNICAL STEERING COMMITTEE FOR  
POSTMASTER MECHANIZATION PROGRAM

APPROVED BY:

RICARDO L. CACHUELA  
DIRECTOR IV

PROJECT TITLE:

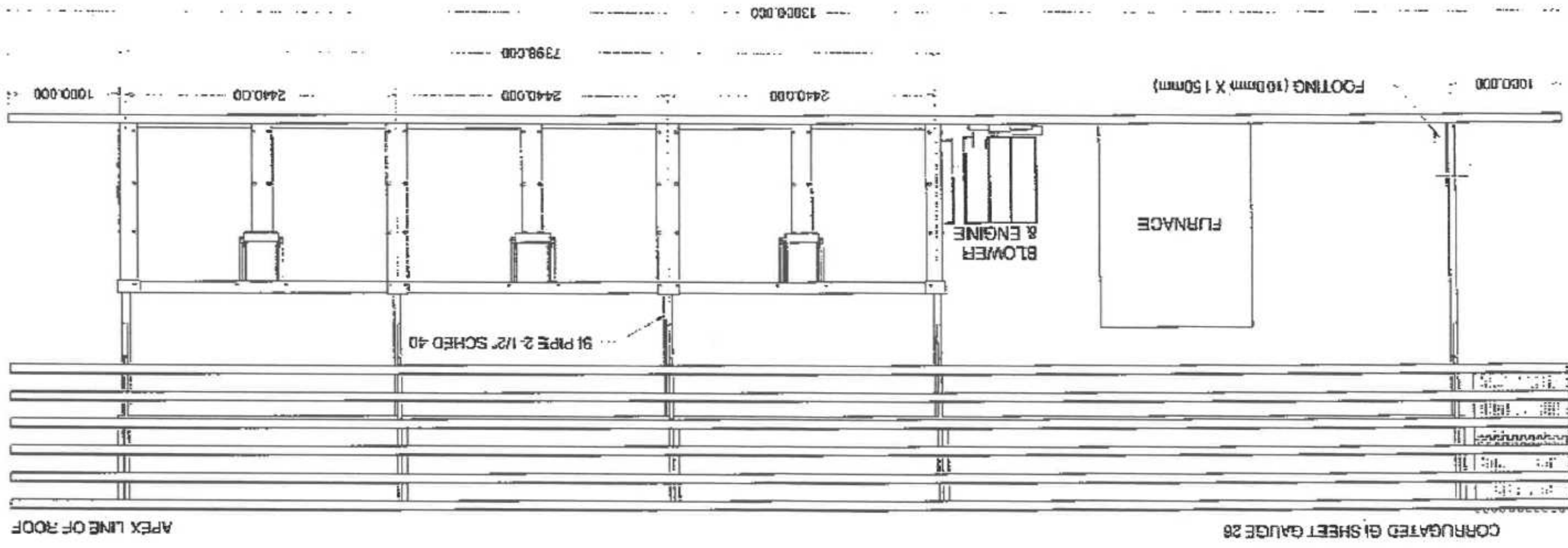
MODIFIED FLATBED DRIVER

AS SHOWN

SHEET CONTENTS: SHEET NO:

03  
29

# RIGHT SIDE ELEVATION





LOGO:

LIEZL A. BAUTISTA  
TECHNICAL STAFF

REDRAWN BY:

ALDRIN E. BADAUA  
HEAD, JICU

NOTED BY:

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

RECOMMENDING APPROVAL:

RICARDO L. CACHUELA  
DIRECTOR IV

APPROVED BY:

MODIFIED FLATBED DRYER

PROJECT TITLE:

AS SHOWN

SHEET CONTENTS:

SHEET NO:

29

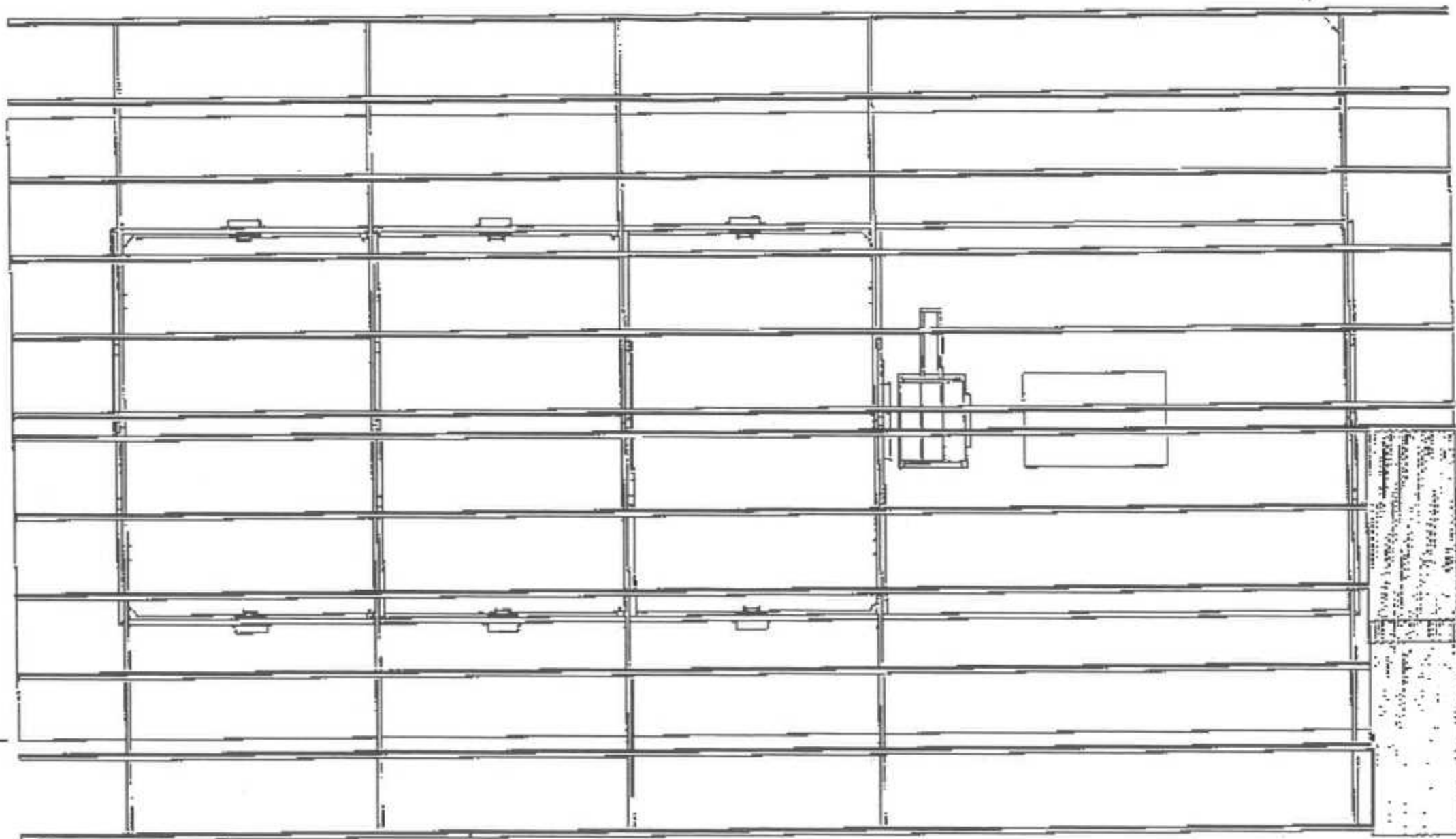
04

ALSO COVERED: SCIENCE OF WEEDS, WEEDS ETC.

# SHED FRAMING PLAN

2" X 3" X 1.5mm C-PURLINS

13000.000



1.5" X 3" X 1.2mm C-PURLINS

ROOF LINE

8000.000

8000.000



LOGO:

DRAWN BY:

LIEZL A. BAUTISTA

TECHNICAL STAFF

NOTED BY:

ALDRINE E. RADUA

HEAD-ADU

RECOMMENDING APPROVAL:

ARNEL RAMIREZ APAGA

ACTING DIRECTOR

CHAR TECHNICAL STEERING COMMITTEE FOR  
POST-HARVEST RESEARCH AND EXTENSION PROGRAM

APPROVED BY:

RICARDO L. CACHUELA

DIRECTOR IV

PROJECT TITLE:

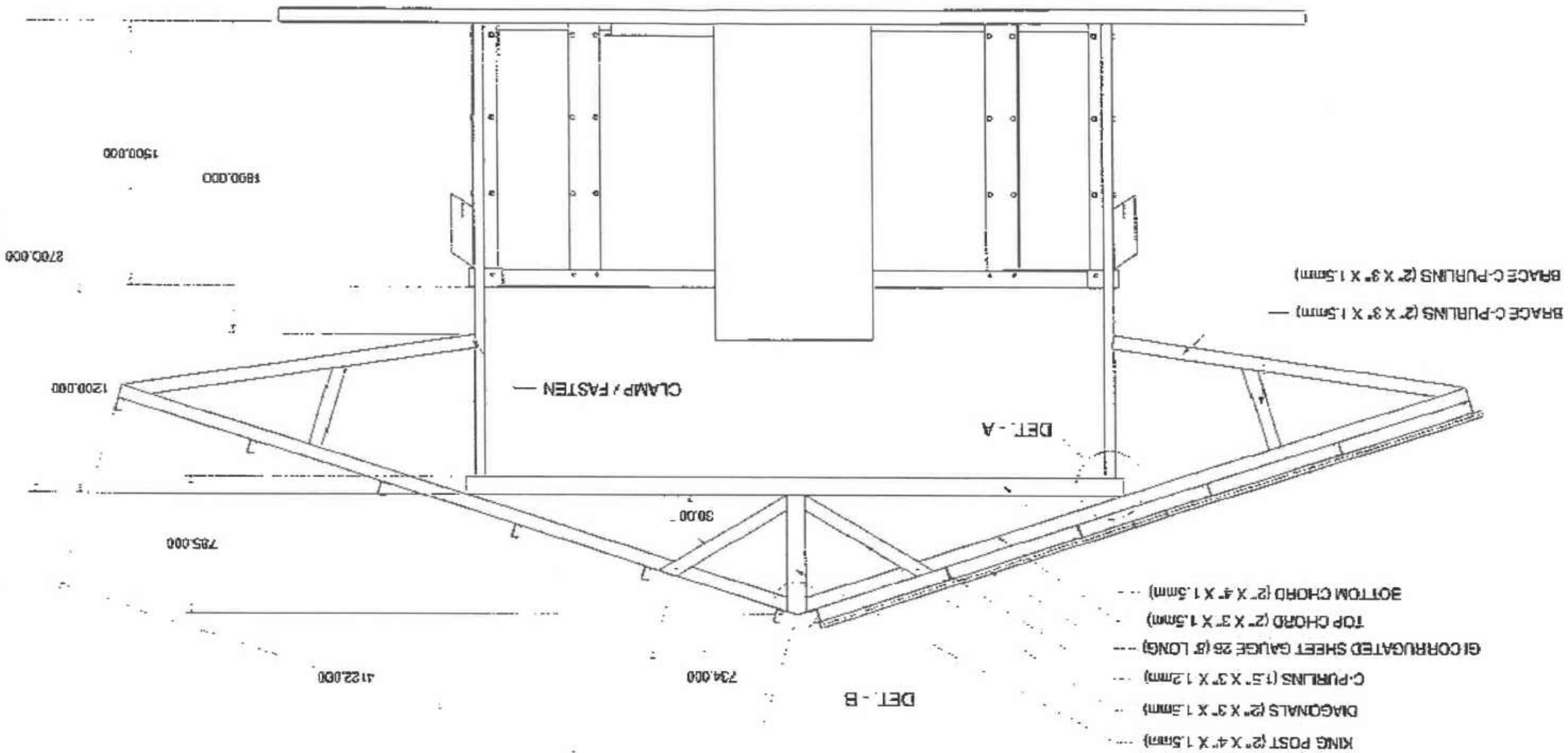
MODIFIED FLATBED DRYER

AS SHOWN

SHEET CONTENTS: SHEET NO:

05  
29

# TYPICAL SHED DETAIL







LEZAR A. BAYUSTIA  
REGISTERED CIVIL ENGINEER  
No. 00123456

ADRIAN E. BAYUSTIA  
REGISTERED CIVIL ENGINEER  
No. 00123457

ARNEL P. BAYUSTIA  
REGISTERED CIVIL ENGINEER  
No. 00123458

RICARDO E. CACHUELA  
REGISTERED CIVIL ENGINEER  
No. 00123459

MODIFIED FLATBED DRYER

AS SHOWN

06  
29

LOGO:

REDAWNE BY:

NOTED BY:

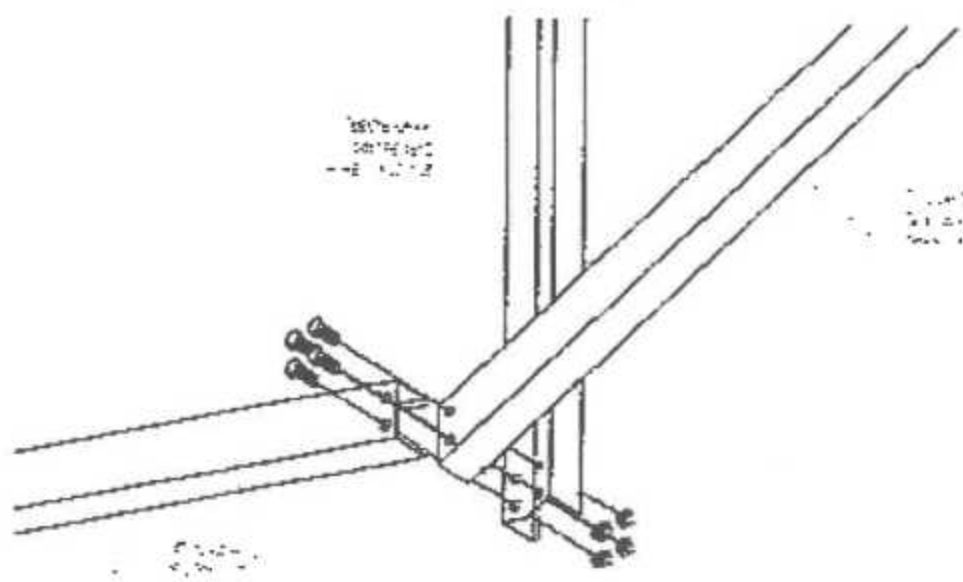
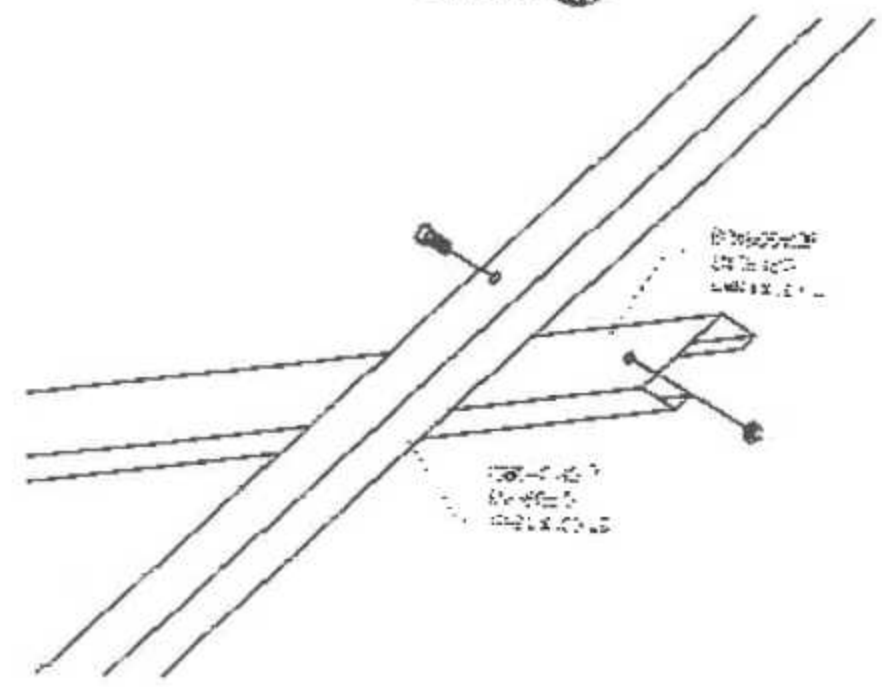
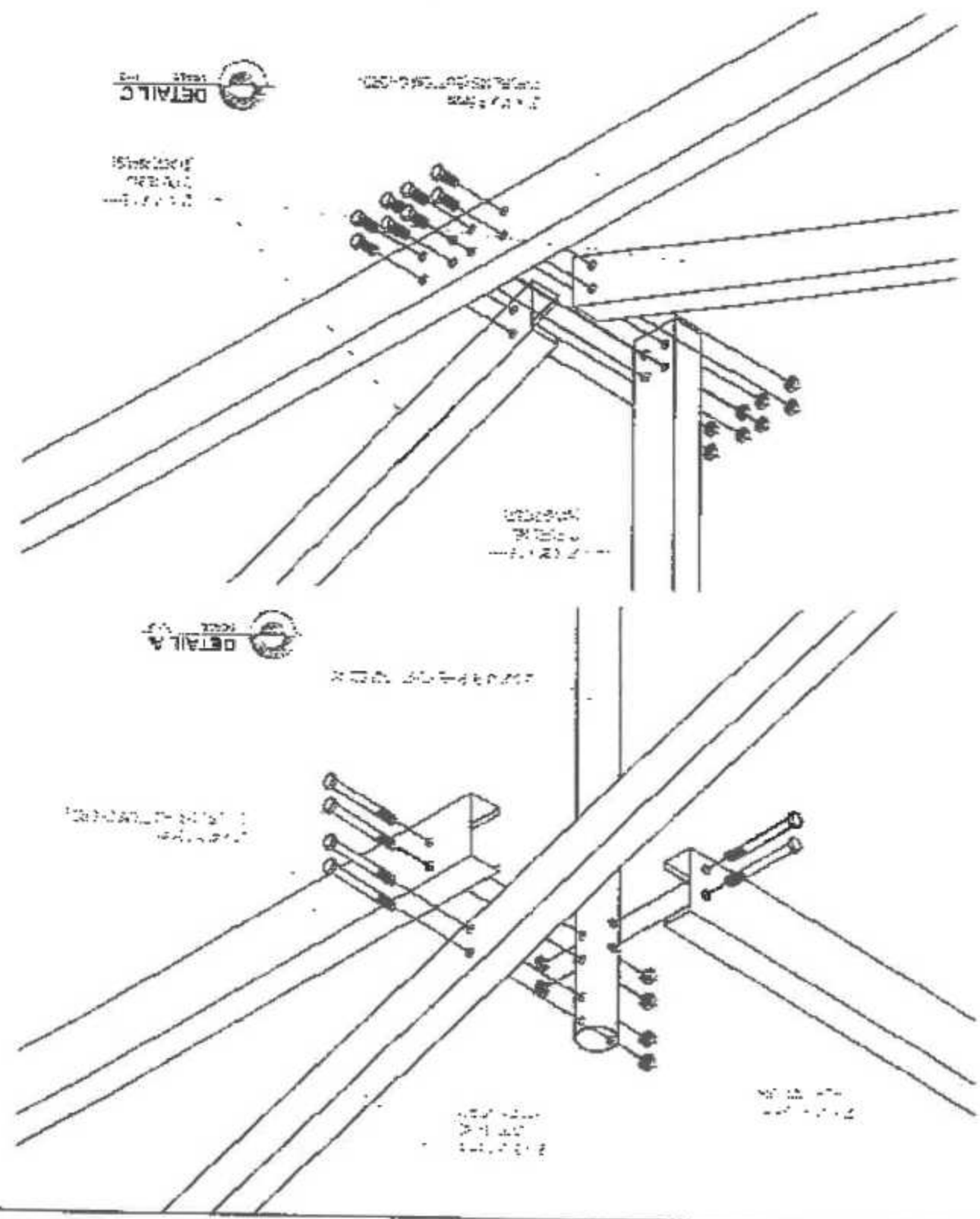
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APPROVED BY:

PROJECT TITLE:

SHEET CONTENTS:




SHEET NO.:



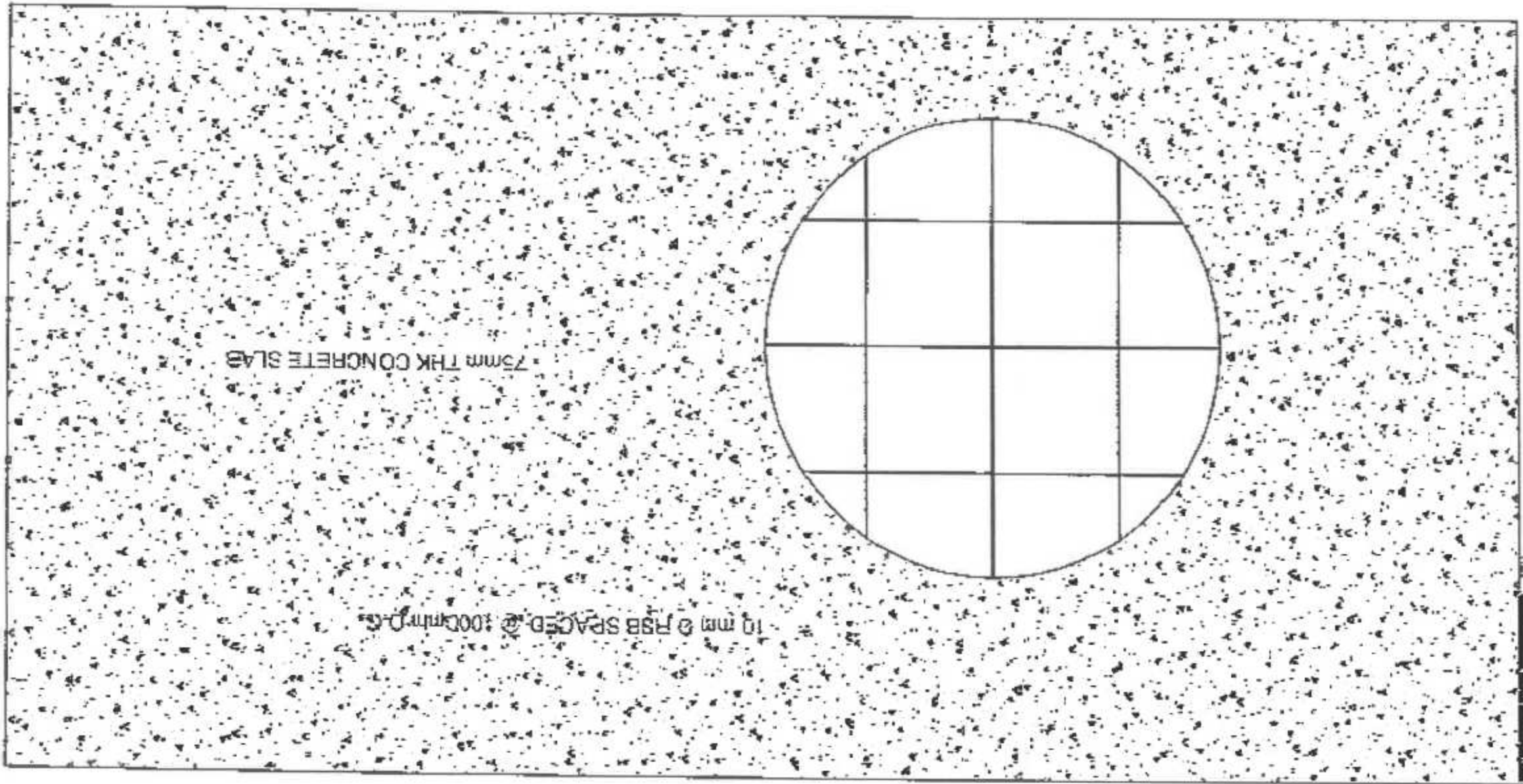
DETAIL A

DETAIL D

DETAIL C

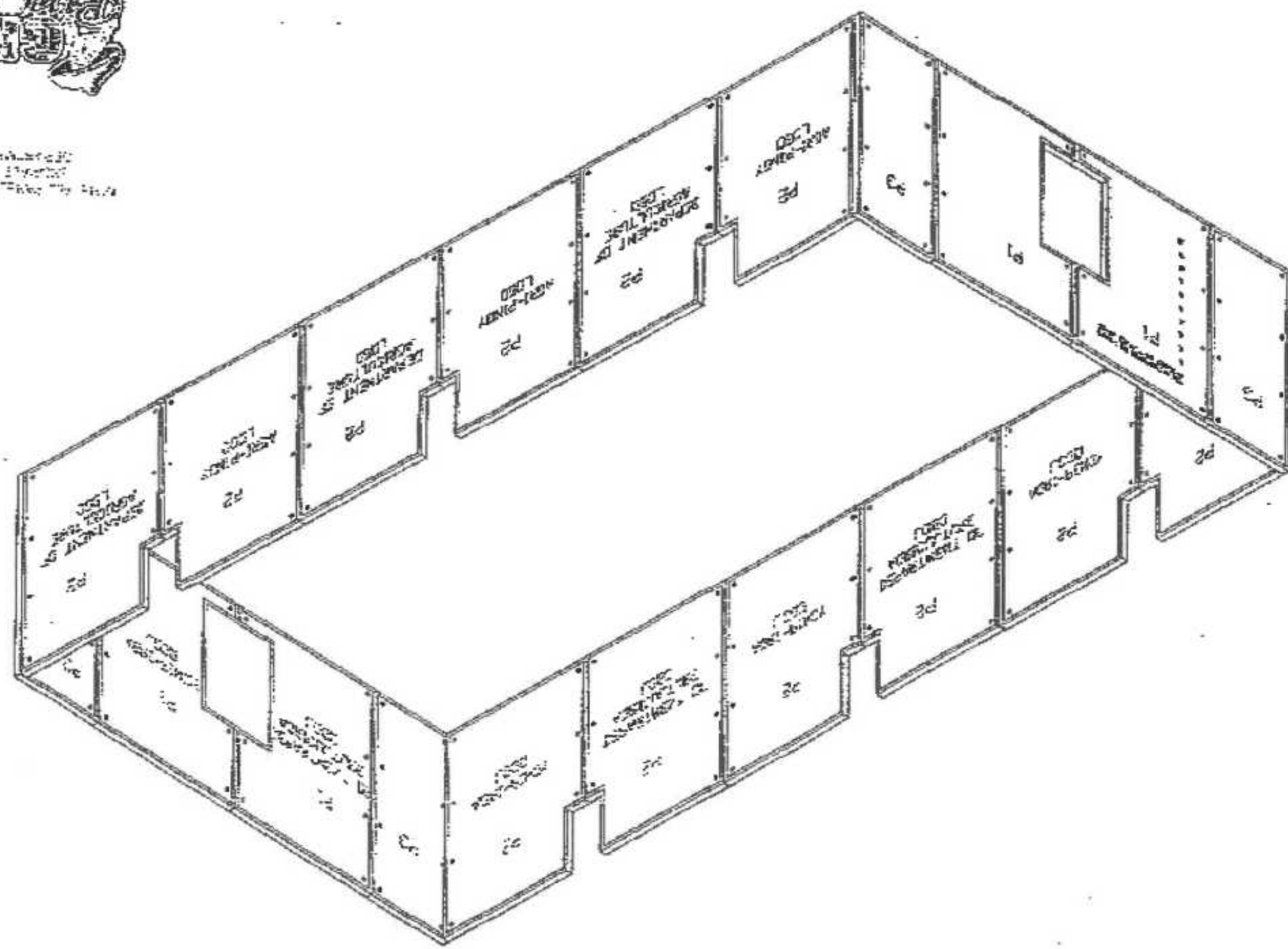
	DRAWN BY: <b>LEZLA BAUTISTA</b> <small>TECHNICAL STAFF</small>	NOTED BY: 	RECOMMENDING APPROVAL: 	APPROVED BY: <b>MICHAEL L. CACHUELA</b> <small>2020-02-27</small>	PROJECT TITLE: <b>MODIFIED FLATBED DRYER</b>	AS SHOWN 07 29
	SHEET NO.:					

SLAB LAYOUT



6000

13000







LOGO:

REDRAWN BY: **LEZL A. BAUTISTA**  
TECHNICAL STAFF

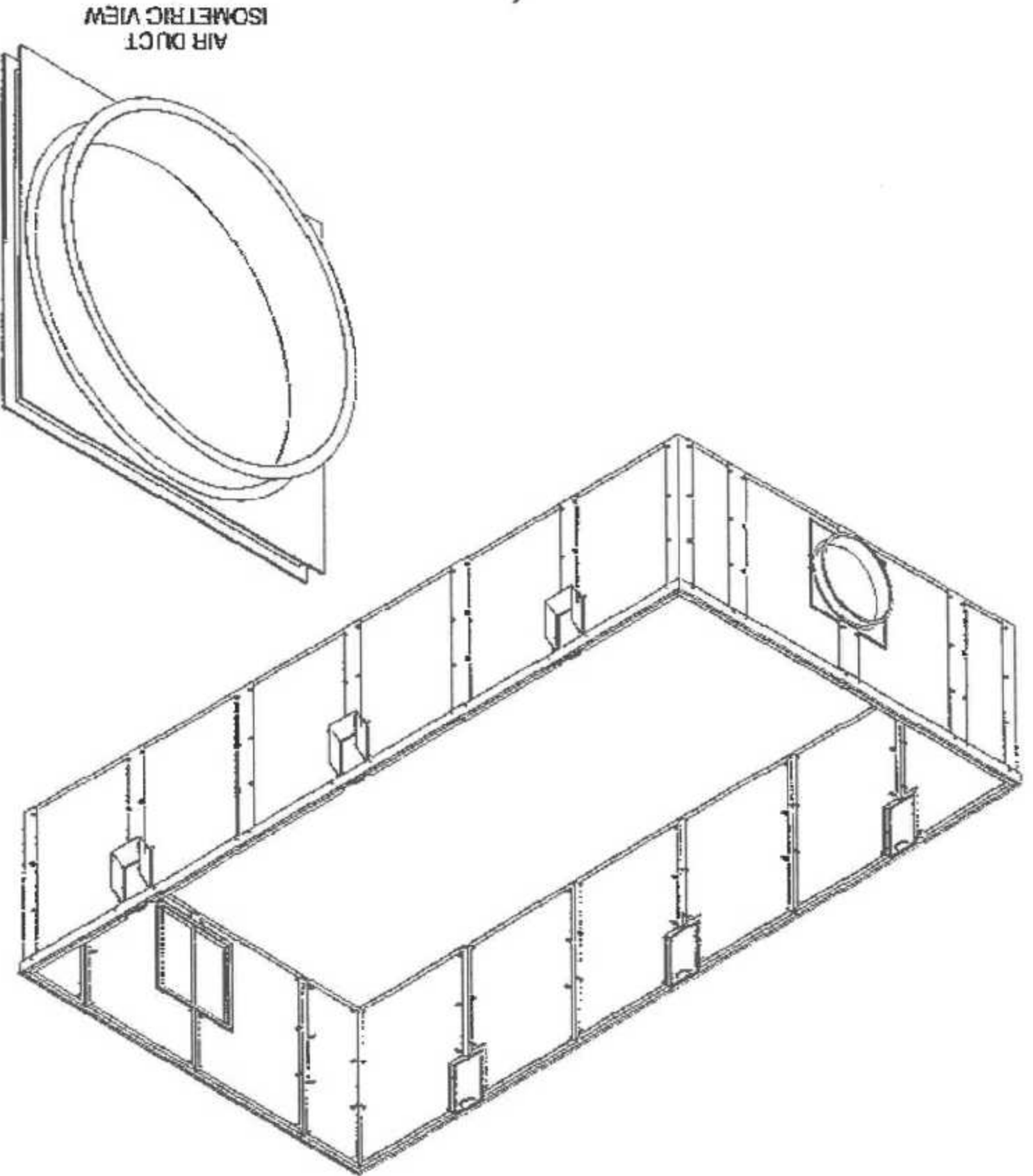
NOTED BY: **ALDRIN E. BADUA**  
HEAD-ACU

RECOMMENDING APPROVAL: **ARNEL RAMIL LAPAGA**  
ACTING DIRECTOR IN-CHARGE  
CHINA TECHNOLOGY STEERING COMMITTEE FOR POSTHARVEST MECHANIZATION PROGRAM

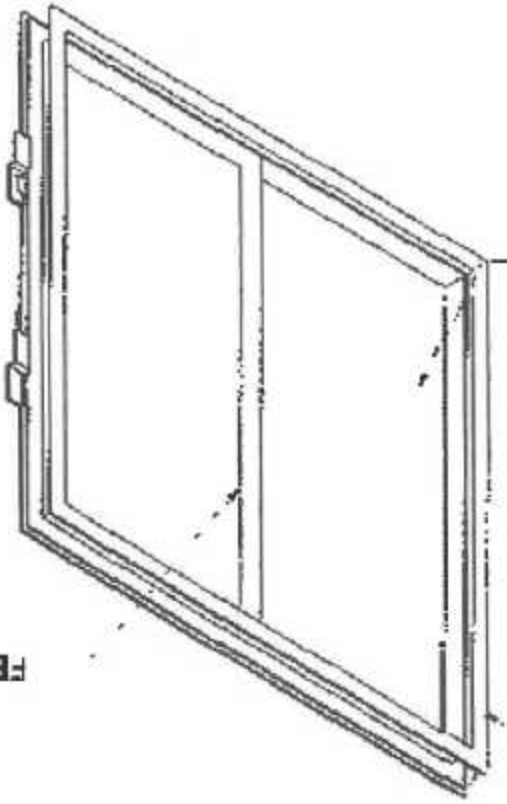
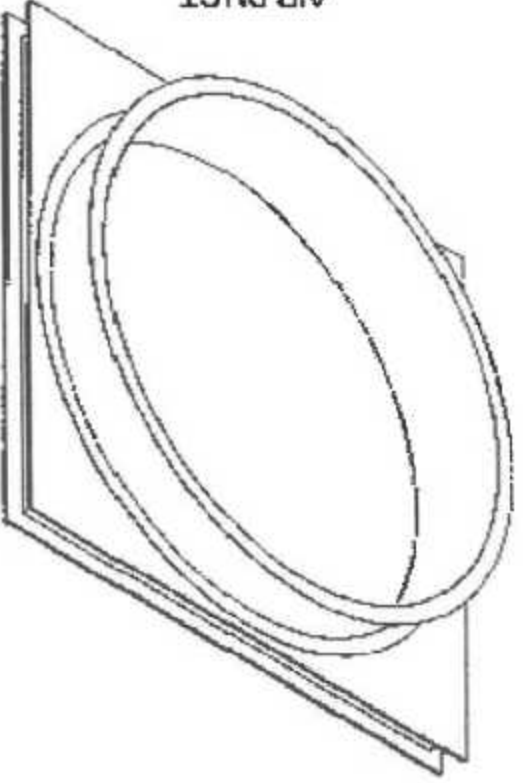
APPROVED BY: **RICARDO L. CACHUELA**  
DIRECTOR IV

PROJECT TITLE: **MODIFIED FLATBED DRYER**

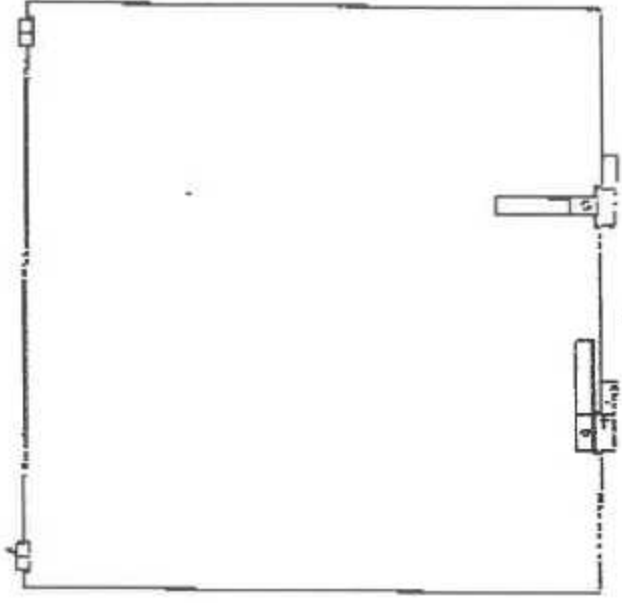
SHEET CONTENTS: **AS SHOWN**  
SHEET NO: **09**  
29



AIR DUCT  
ISOMETRIC VIEW



FRONT VIEW



HANDLE AND LOCK  
FB 40mm X 18mm

HINGE

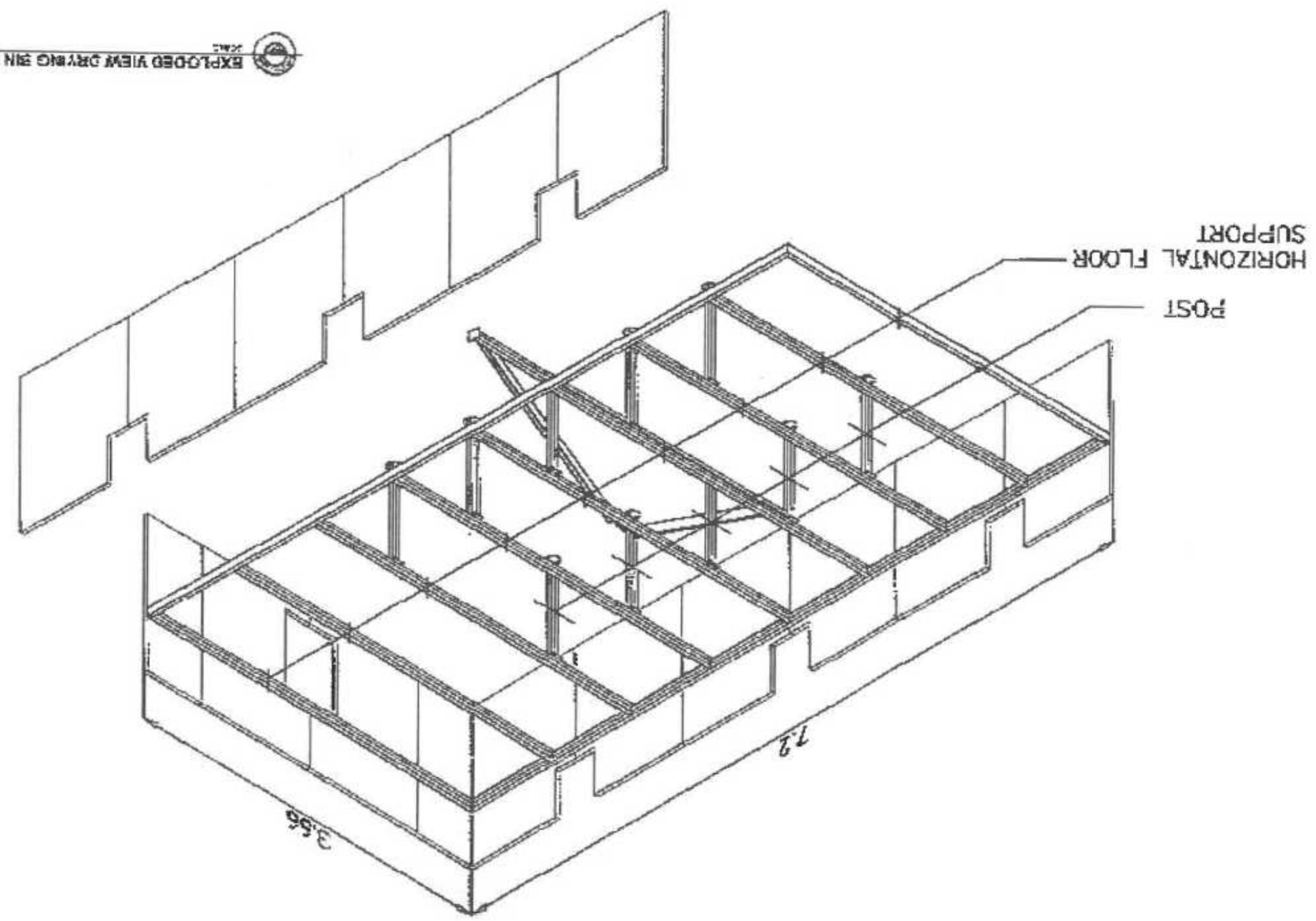
CHANNELLED  
MS PLATE 3MM

MS PLATE 1.5MM

FB 3mm X 38mm

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<div data-bbox="170 272 295 292">SHEET NO.:</div>	<div data-bbox="357 272 574 292">SHEET CONTENTS:</div>	<div data-bbox="885 272 1072 292">PROJECT TITLE:</div>	<div data-bbox="1351 292 1507 312">APPROVED BY:</div>	<div data-bbox="1647 292 1942 312">RECOMMENDED APPROVAL</div>	<div data-bbox="2222 292 2346 312">NOTED BY:</div>	<div data-bbox="2548 292 2703 312">REDRAWN BY:</div>	<div data-bbox="2812 292 2874 312">LOGO:</div>

EXPLODED VIEW DRYING BIN FLOOR SUPPORT





LEZTA A. SAUTISTA

ALBIRNE BADAUA

ARIEL M. BADAUA

RICARDO L. CACHUELA

MODIFIED FLATBED DRYER

AS SHOWN

29

11

LOGO: REDRAWN BY:

NOTED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

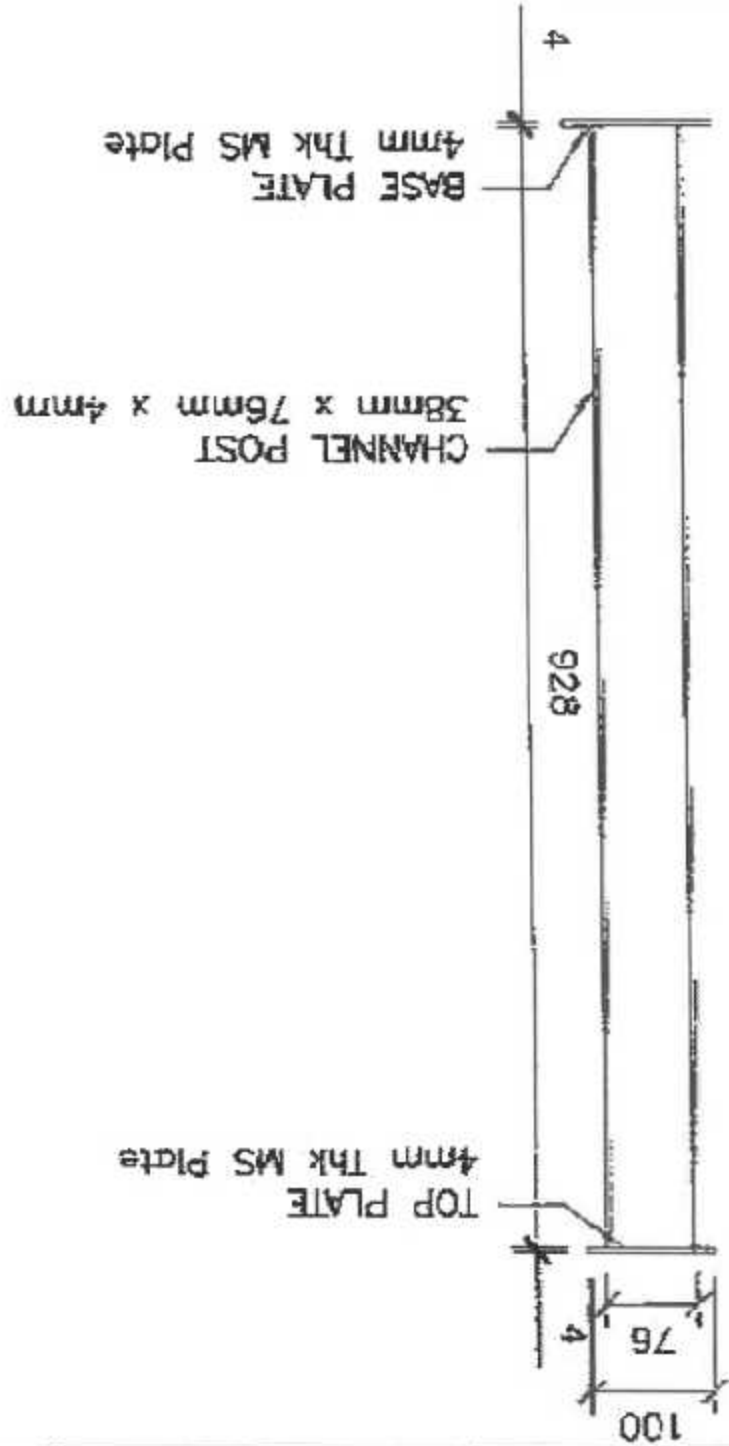
PROJECT TITLE:

SHEET CONTENTS:

SHEET NO.:

Note: All units are in millimeters unless otherwise specified

FRONT VIEW

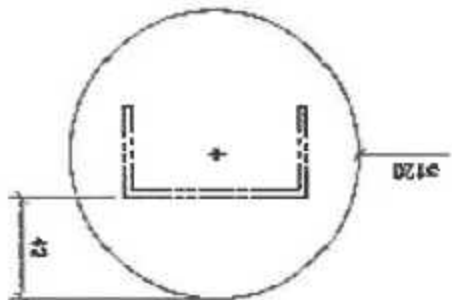


SIDE VIEW

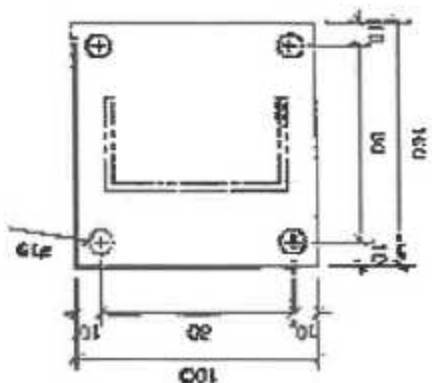


SCALE 1:4mm

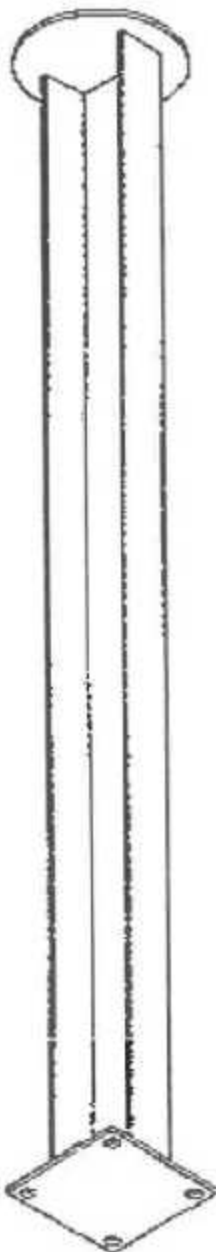
BASE PLATE



TOP PLATE



ISOMETRIC VIEW





LOGO:

REBRAWN BY: **LIEZL A. BAUTISTA**  
TECHNICAL STAFF

NOTED BY: **ALDO R. BADA**  
HEAD, JCU

RECOMMENDING APPROVAL: **ARNEL RAMON M. APAGA**  
ACTING DIRECTOR IN  
CHARGE TECHNICAL STEERING COMMITTEE FOR  
POSTHARVEST MECHANIZATION

APPROVED BY: **RICARDO L. CACHUELA**  
DIRECTOR IV

PROJECT TITLE: **MODIFIED FLATBED DRYER**

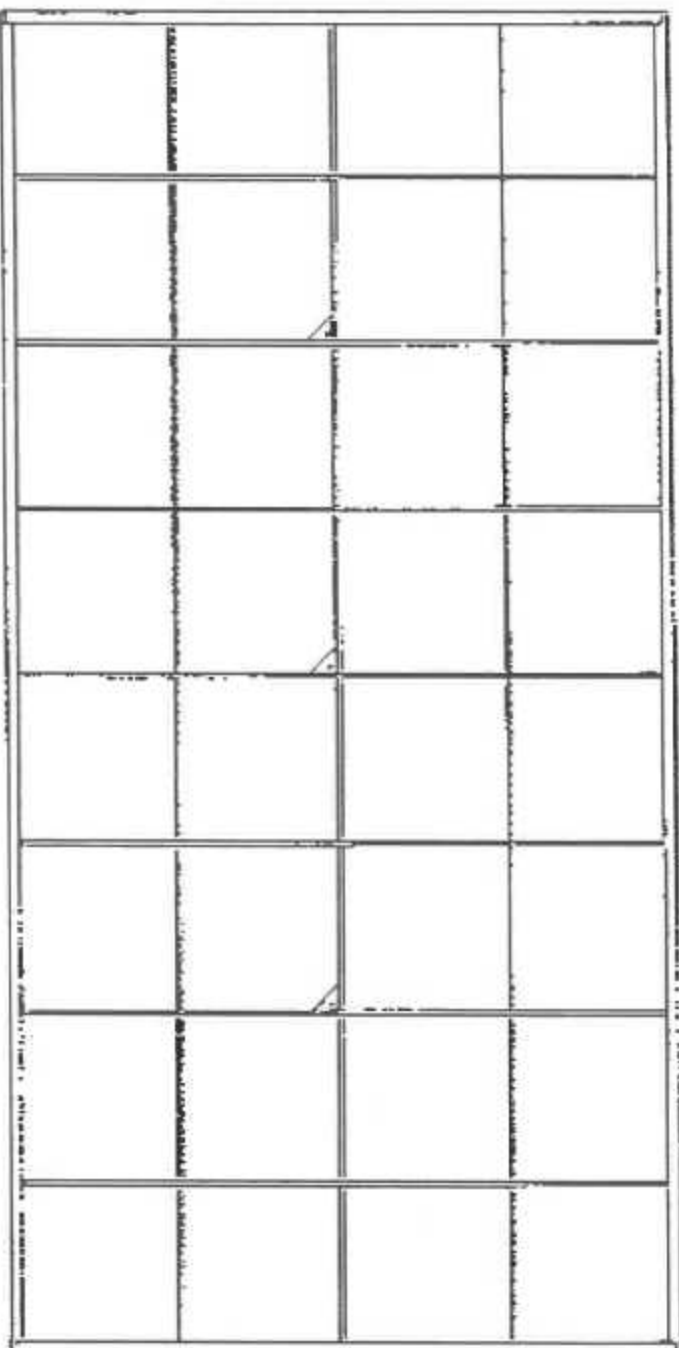
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SHEET NO: **12**  
**29**



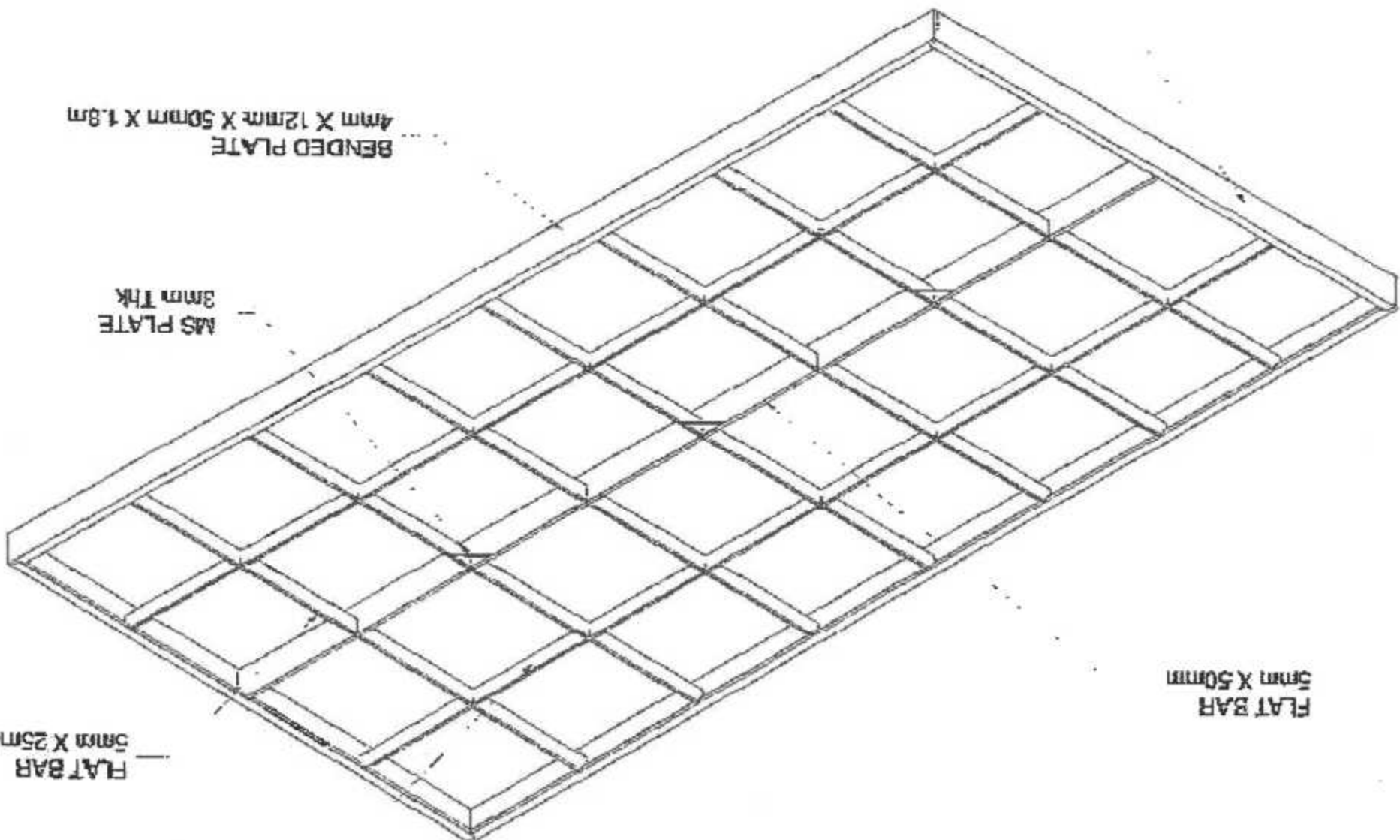
2.000

36.000



72.000

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



FLAT BAR  
5mm X 50mm

MS PLATE  
3mm Thk

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

FLAT BAR  
5mm X 25mm

FLAT BAR  
5mm X 25mm









LEZL A. BAUTISTA  
DISEÑADOR EN JEFE

ADRIAN E. SADA  
DISEÑADOR EN JEFE

ARNEL RAMIREZ AGA  
DISEÑADOR EN JEFE  
DISEÑADOR EN JEFE

RICARDO L. CACHUELA  
DISEÑADOR EN JEFE

MODIFIED FLATBED DRYER

AS SHOWN

15  
29

LOGO:

DESIGNER BY:

NOTED BY:

RECOMMENDING APPROVAL:

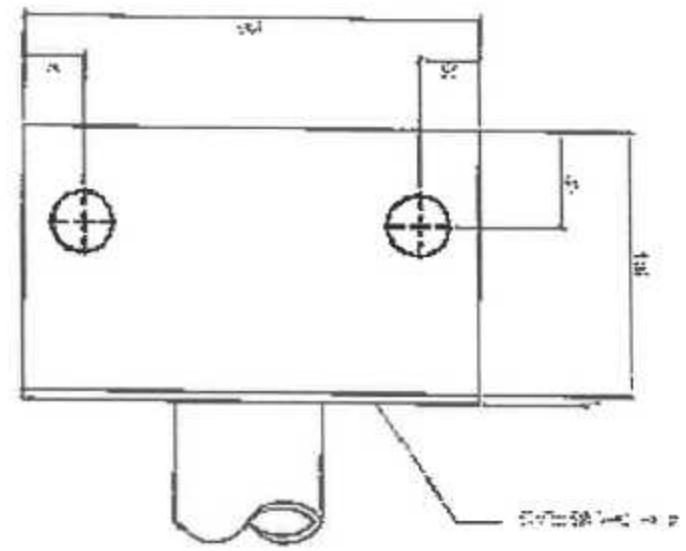
APPROVED BY:

PROJECT TITLE:

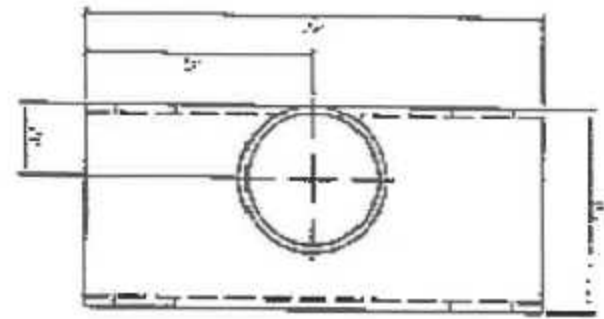
SHEET COMMENTS:

SHEET NO.:

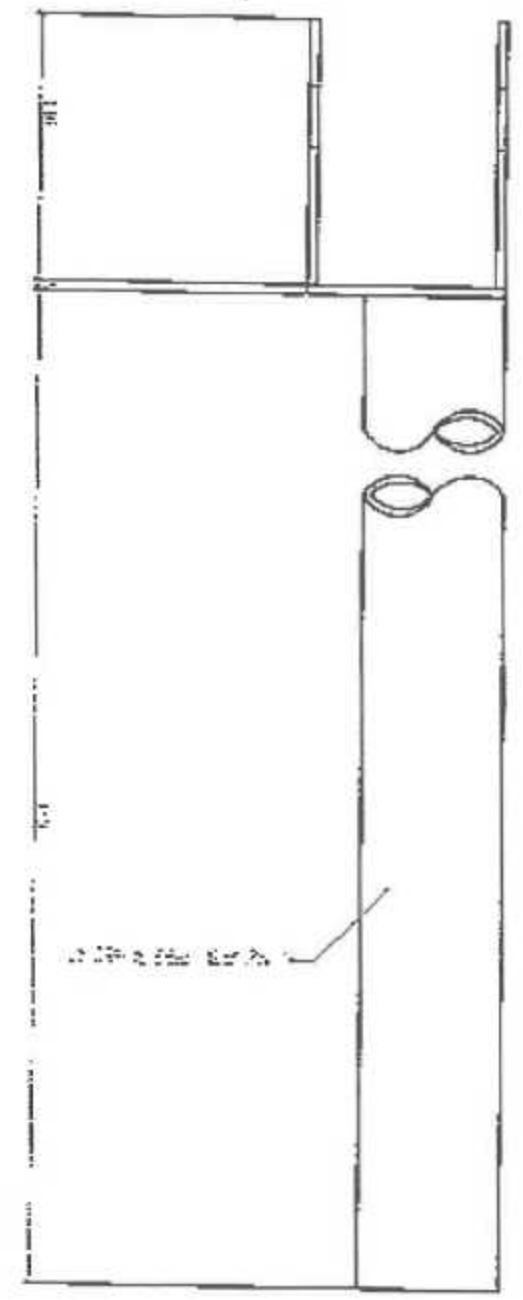
FRONT VIEW



TOP VIEW

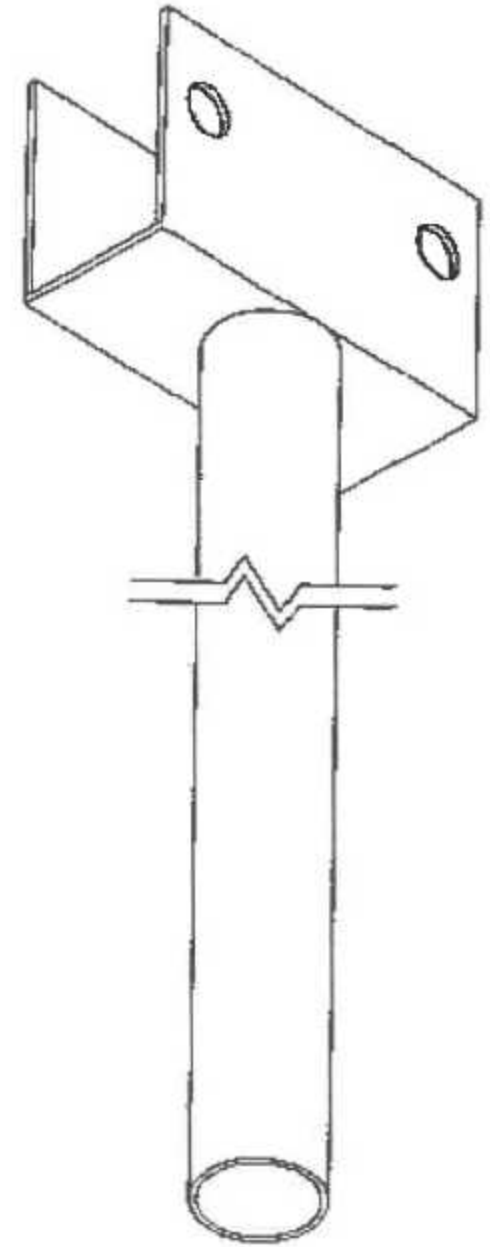


SIDE VIEW



INTERMEDIATE POST

ISOMETRIC VIEW





LEZL A. BAUTISTA  
DESIGNER

ALDRIN E. BADA  
CHECKER

ARNOLD M. PAGA  
PROJECT DIRECTOR  
PORTAL 2003, INCORPORATED

RICHARD L. CACHUELA  
SECTION #

MODIFIED FLATBED DRYER

AS SHOWN

16  
29

LOSD

REVIEW BY

NOTED BY

RECOMMENDING APPROVAL

APPROVED BY

PROJECT TITLE

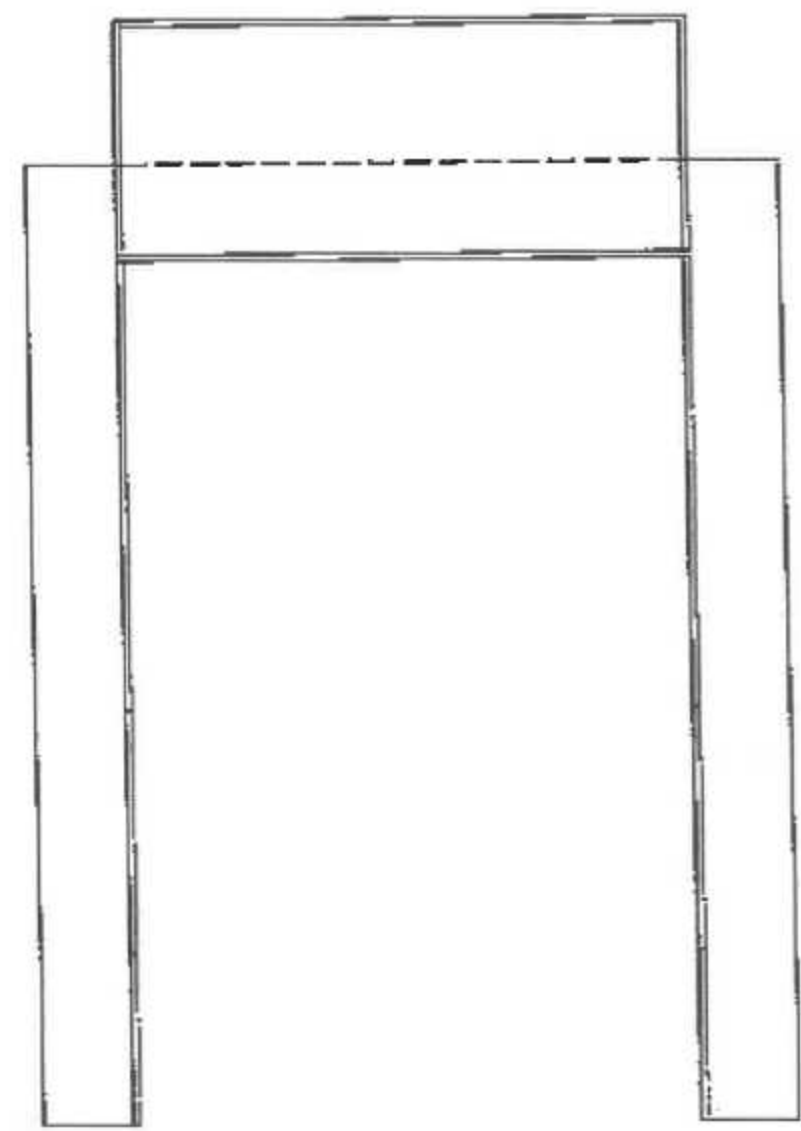
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SHEET NO.

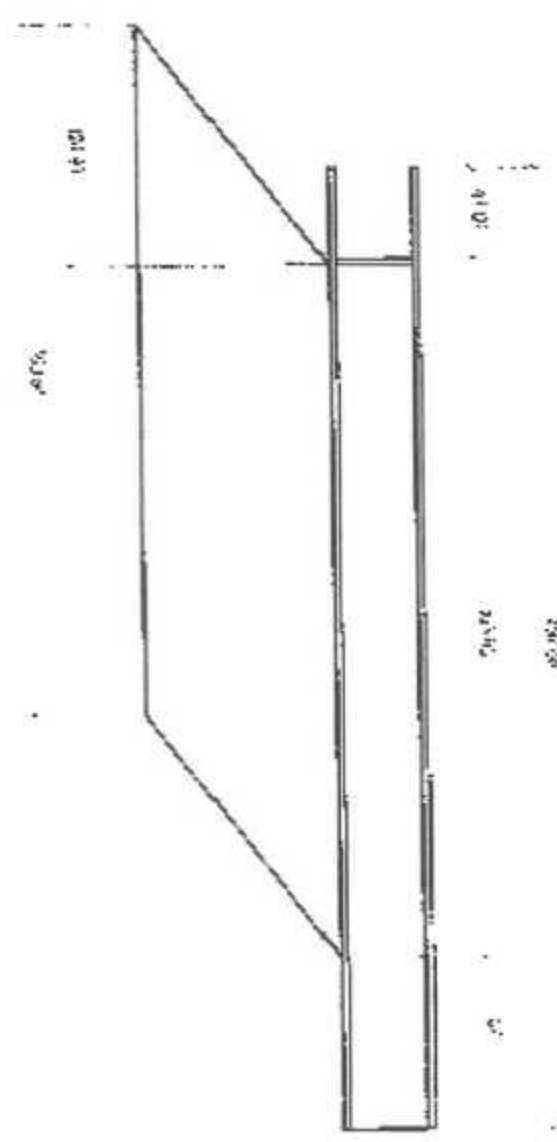


DISCHARGE PORT

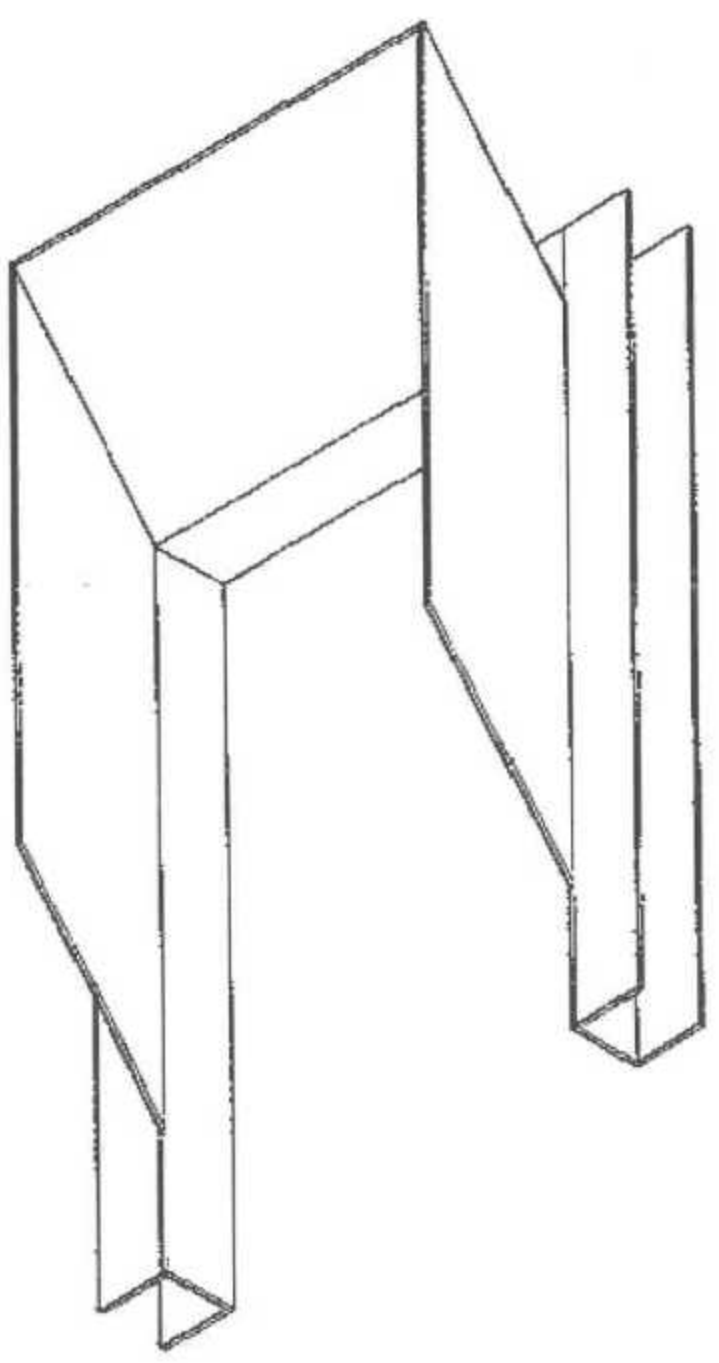
FRONT VIEW



SIDE VIEW



ISOMETRIC VIEW







LIEZLA B. BAUTISTA  
PROJECT ENGINEER

ALDRINE A. AQUA  
PROJECT ENGINEER

ARNEL M. MORALES  
PROJECT ENGINEER

RICARDO E. CACHUELA  
PROJECT ENGINEER

MODIFIED FLATBED DRYER

AS SHOWN

17  
29

LOGO:

DRAWN BY:

NOTED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

PROJECT TITLE:

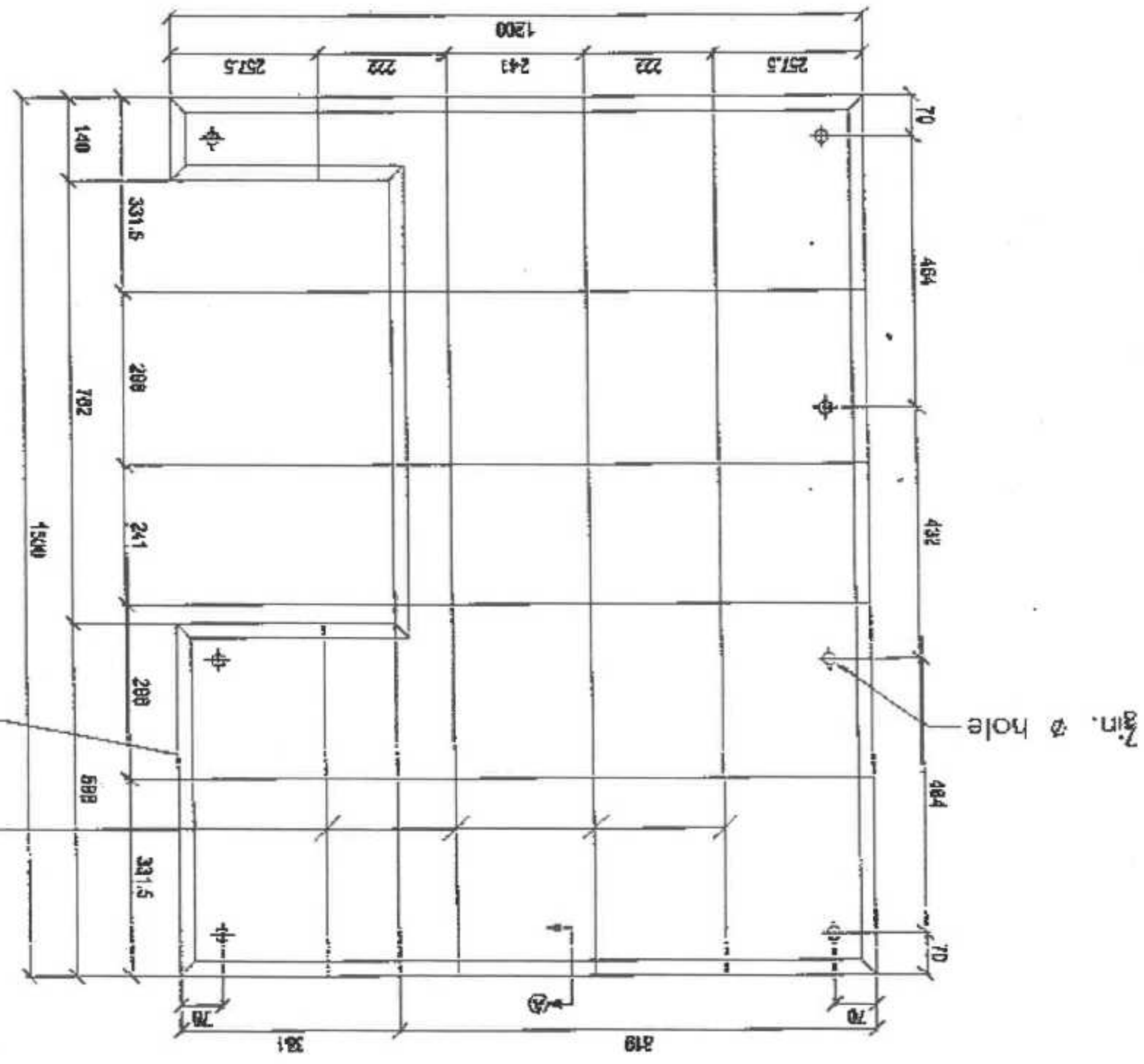
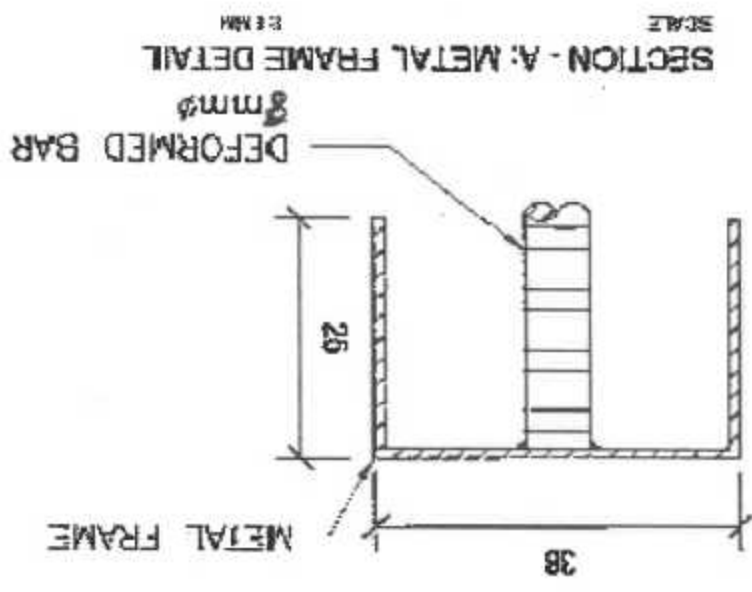
SHEET CONTENTS:

SHEET NO.:

Note: All units are in millimeters unless otherwise specified

8mm diameter deformed reinforcement bars

Metal Frame - GI sheet Co #16





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

LEZL A. BAUTISTA   
 TECHNICAL STAFF

ALDRIN E. BADA   
 ASST. ASST.

ANNE R. SERRA   
 ASST. ASST.   
 POST-PROJECT MECHANICAL INSULATION

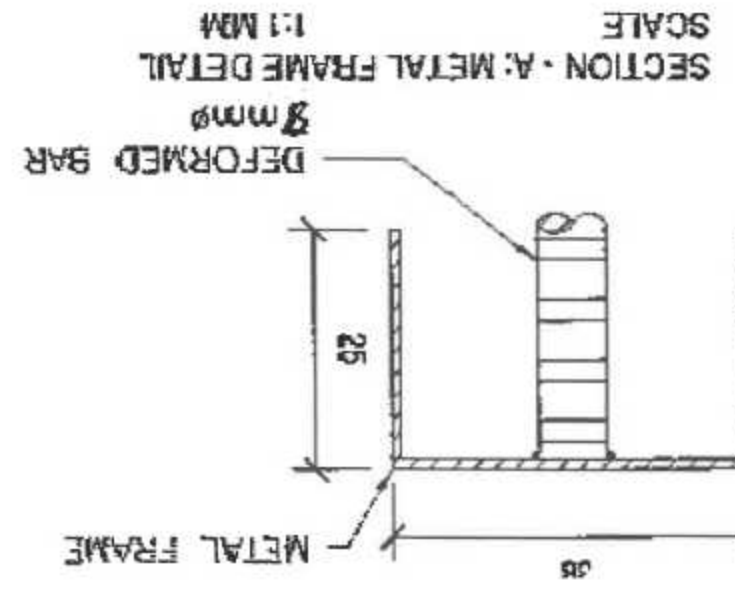
RICHARDO L. CACHUELA   
 ENGINEER

MODIFIED FLATBED DRYER

AS SHOWN

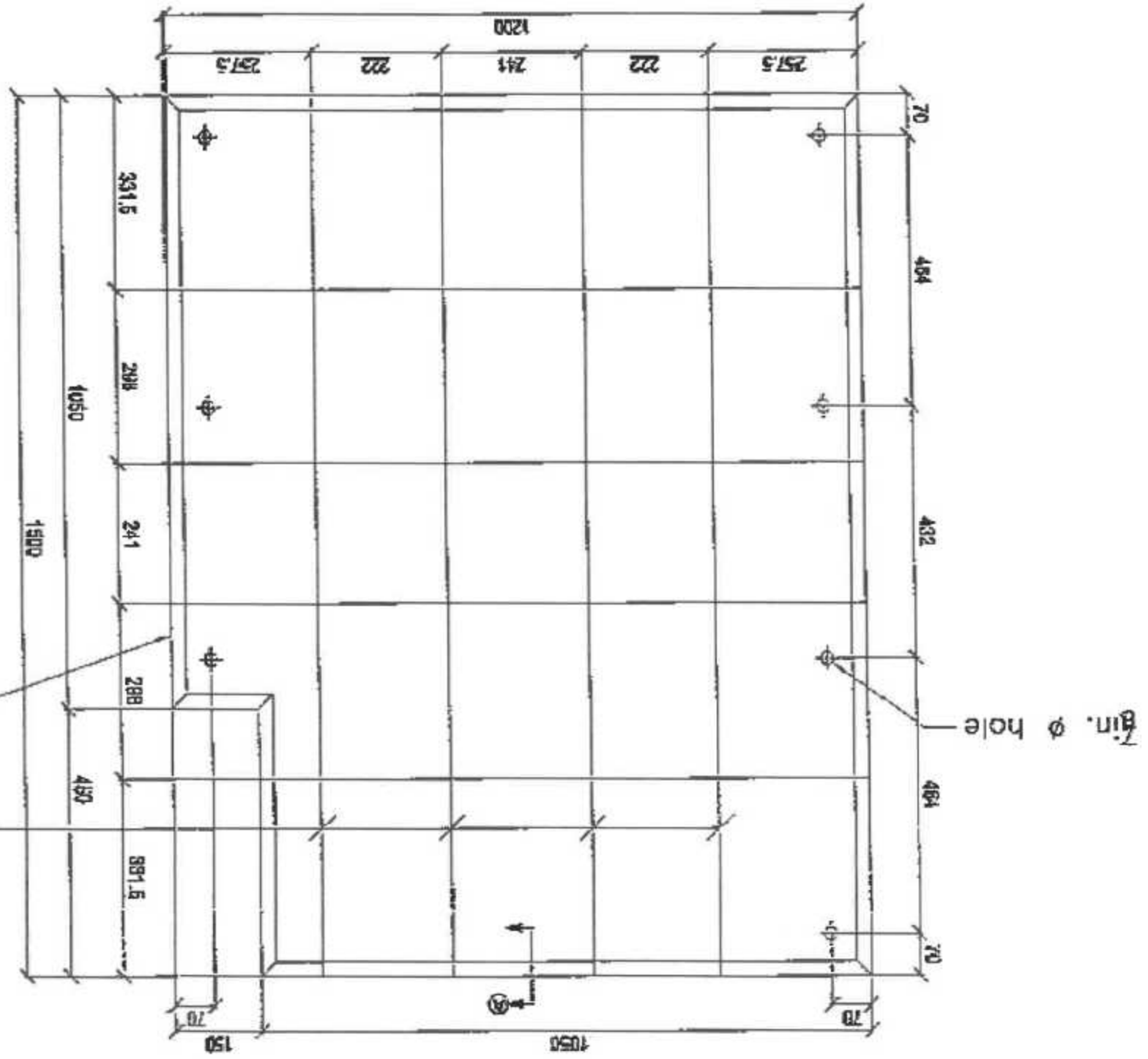
18   
 29




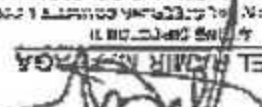

METAL FRAME AND REINFORCEMENT (P2)   
 SCALE

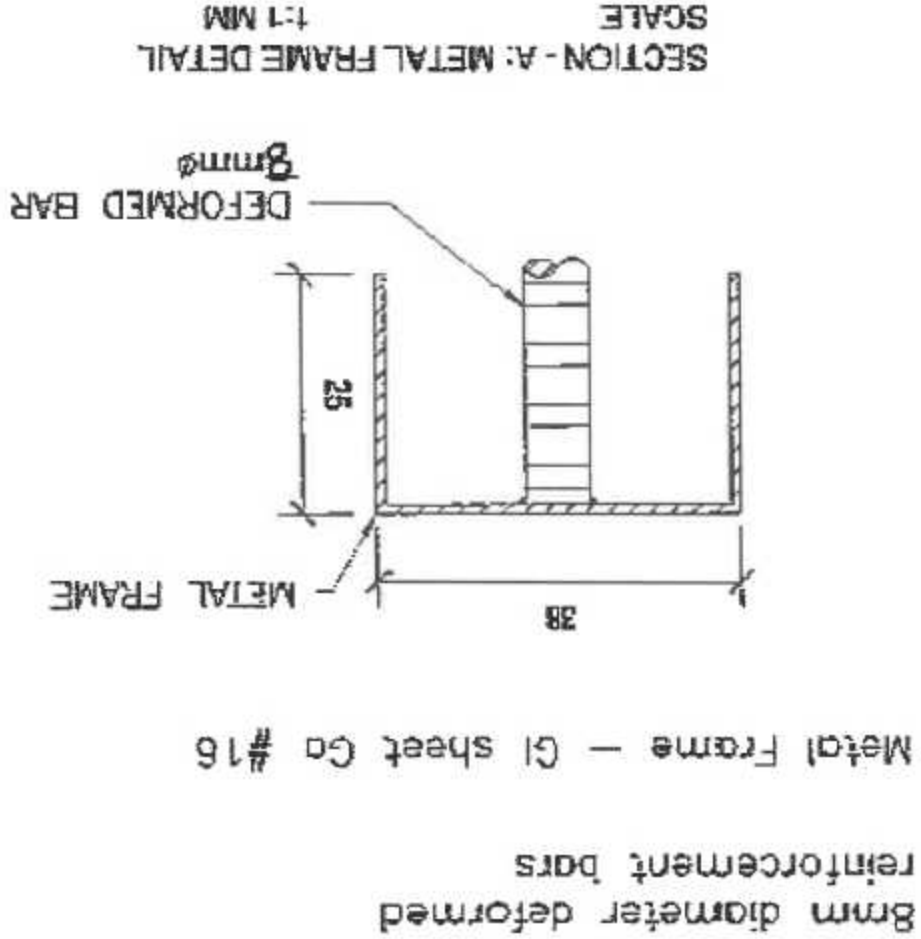
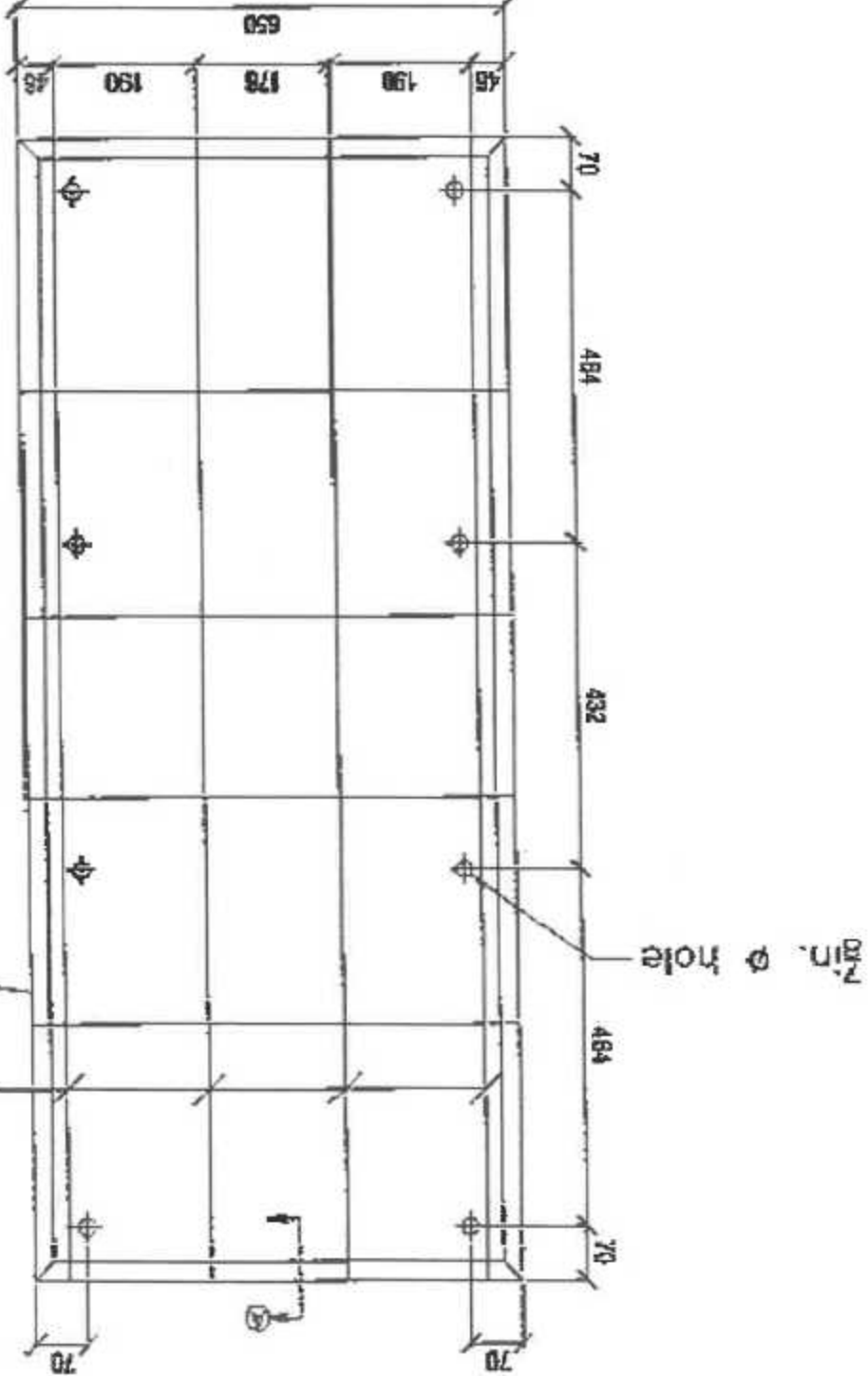


8mm diameter deformed reinforcement bars   
 Metal frame - GI sheet Ga #16

Note: All units are in millimeters unless otherwise specified

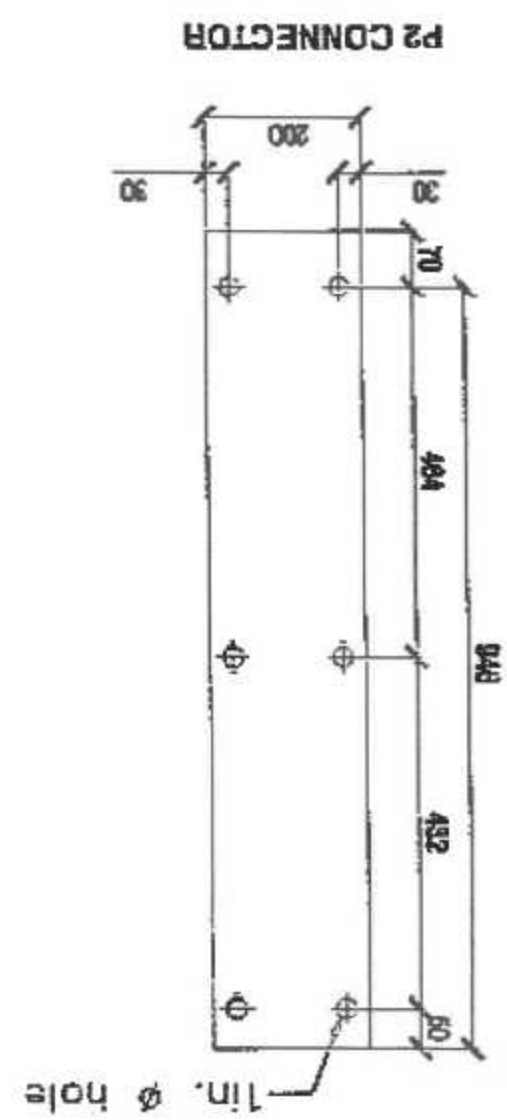
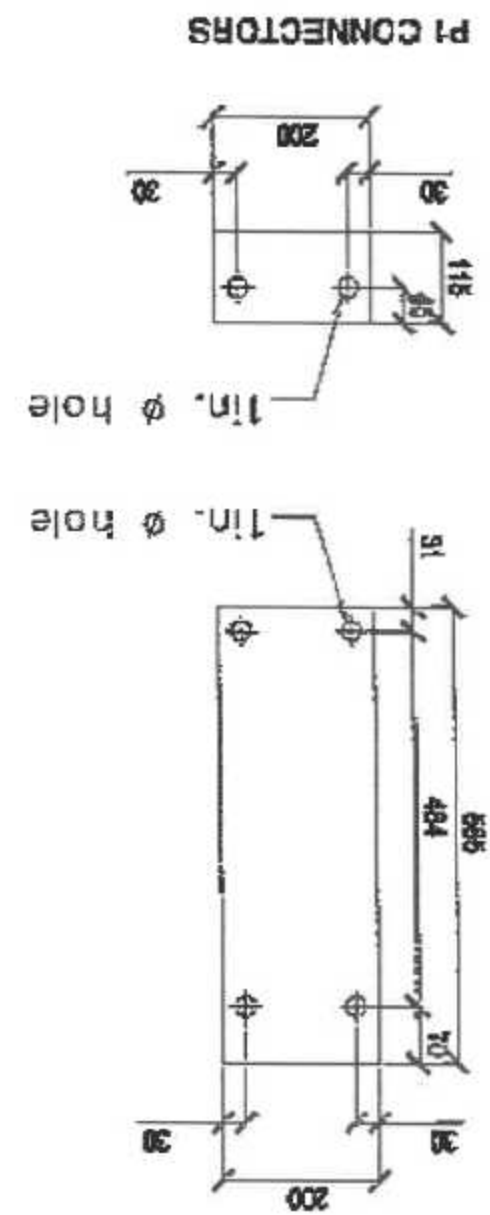
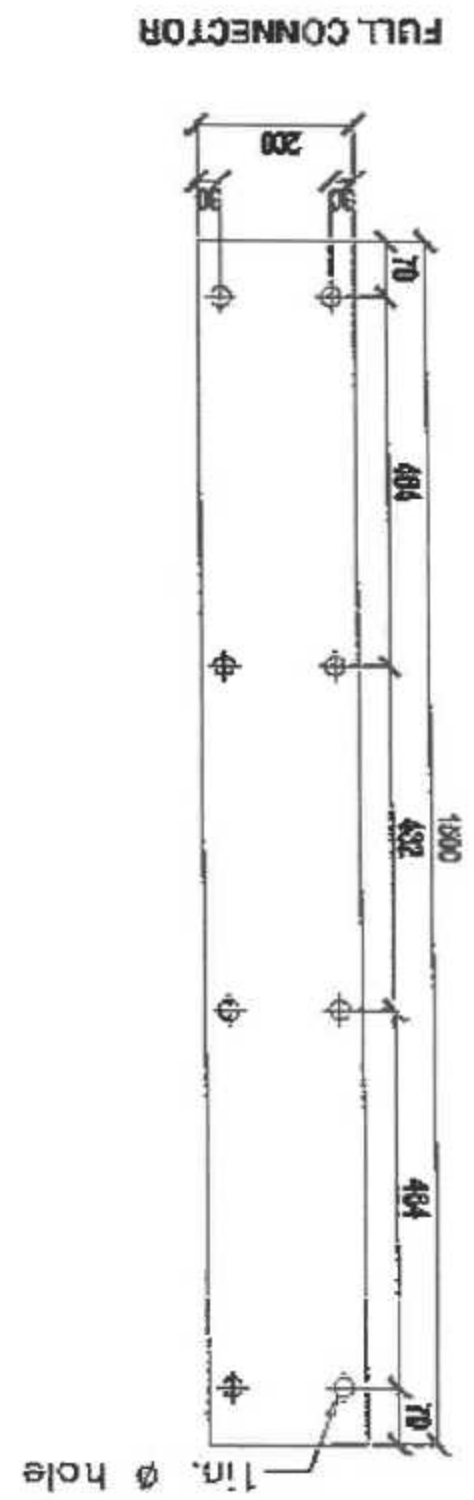
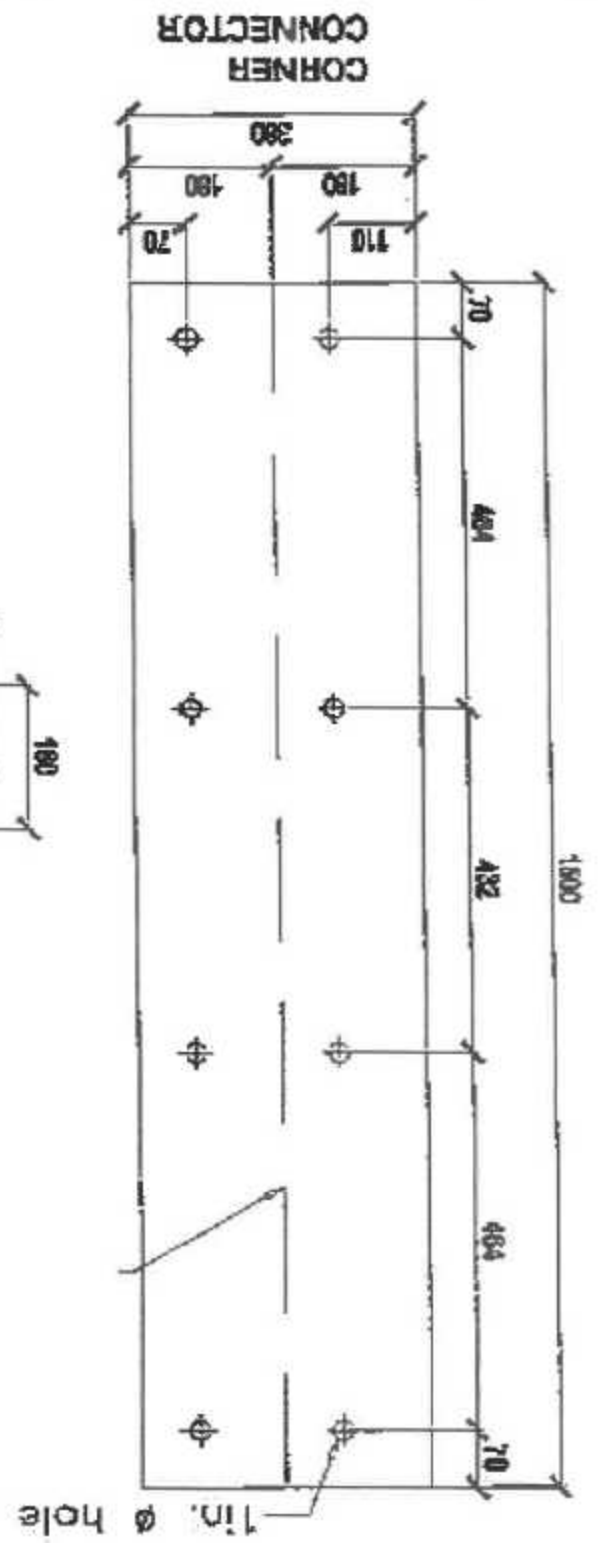


	REVISION BY:  LIZA A. BAUTISTA	CHECKED BY:  ALVIN E. BADUA	RECOMMENDING APPROVAL:  ARNEL M. NERYOGA	APPROVED BY:  RICARDO L. CACHUELA	PROJECT TITLE: MODIFIED FLATBED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: 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

LOGO:	DRAWN BY: <b>LIEZ A. SALTISTA</b> TICK, CALL, STAFF	NOTED BY: <b>ALDRINE BADA</b> TICK, CALL, STAFF	RECOMMENDING APPROVAL: <b>ARNEL MANILA</b> TICK, CALL, STAFF	APPROVED BY: <b>RICARDO L. CACHUELA</b> TICK, CALL, STAFF	PROJECT TITLE: <b>MODIFIED FLATBED DRYER</b>	SHEET CONTENTS: <b>AS SHOWN</b>	SHEET NO.: <b>20</b> <b>29</b>
-------	--	--	---	--	--	---------------------------------	-----------------------------------



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





LEZLA BAUTISTA  
TECHNICAL SKILL

ALCANTARA  
TECHNICAL SKILL

ARNE HERRERA  
TECHNICAL SKILL

RICARDO L. CACHUELA  
TECHNICAL SKILL

MODIFIED FLATBED DRYER  
PROJECT TITLE

AS SHOWN

21  
29

LOGO

REDAWING BY:

NOTED BY:

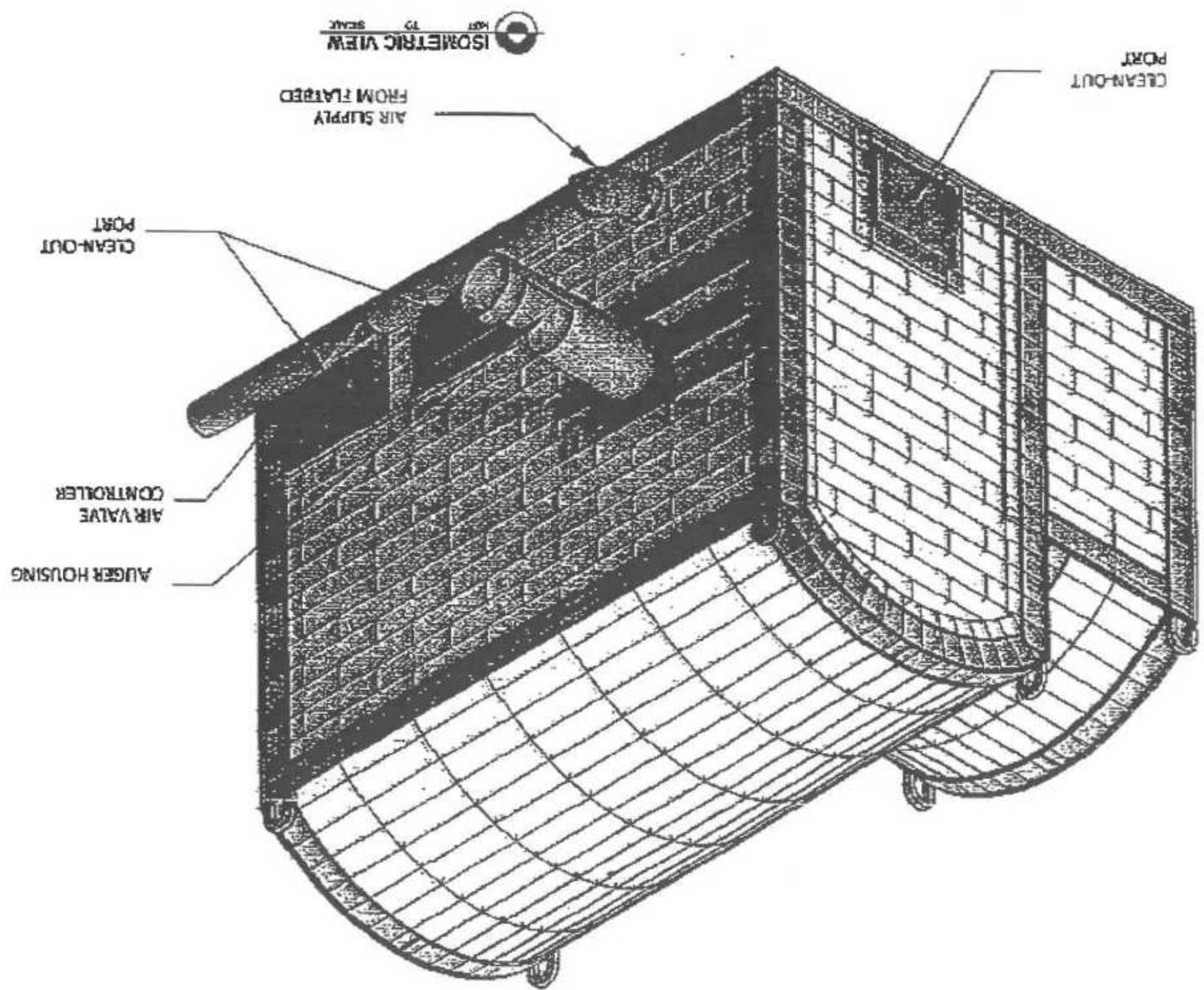
RECOMMENDING A PROVAL:

APPROVED BY:

PROJECT TITLE:

SHEET CONTENTS:

SHEET NO.:





LOGO:

LEZLA BAUTISTA

DESIGNER'S

ALFREDO RAQUA

NOTED BY:

ARNEI RAMIRO ALFAGA

RECOMMENDING APPROVAL:

RICARDO L. CACHUELA

APPROVED BY:

MODIFIED FLATBED DRYER

PROJECT TITLE:

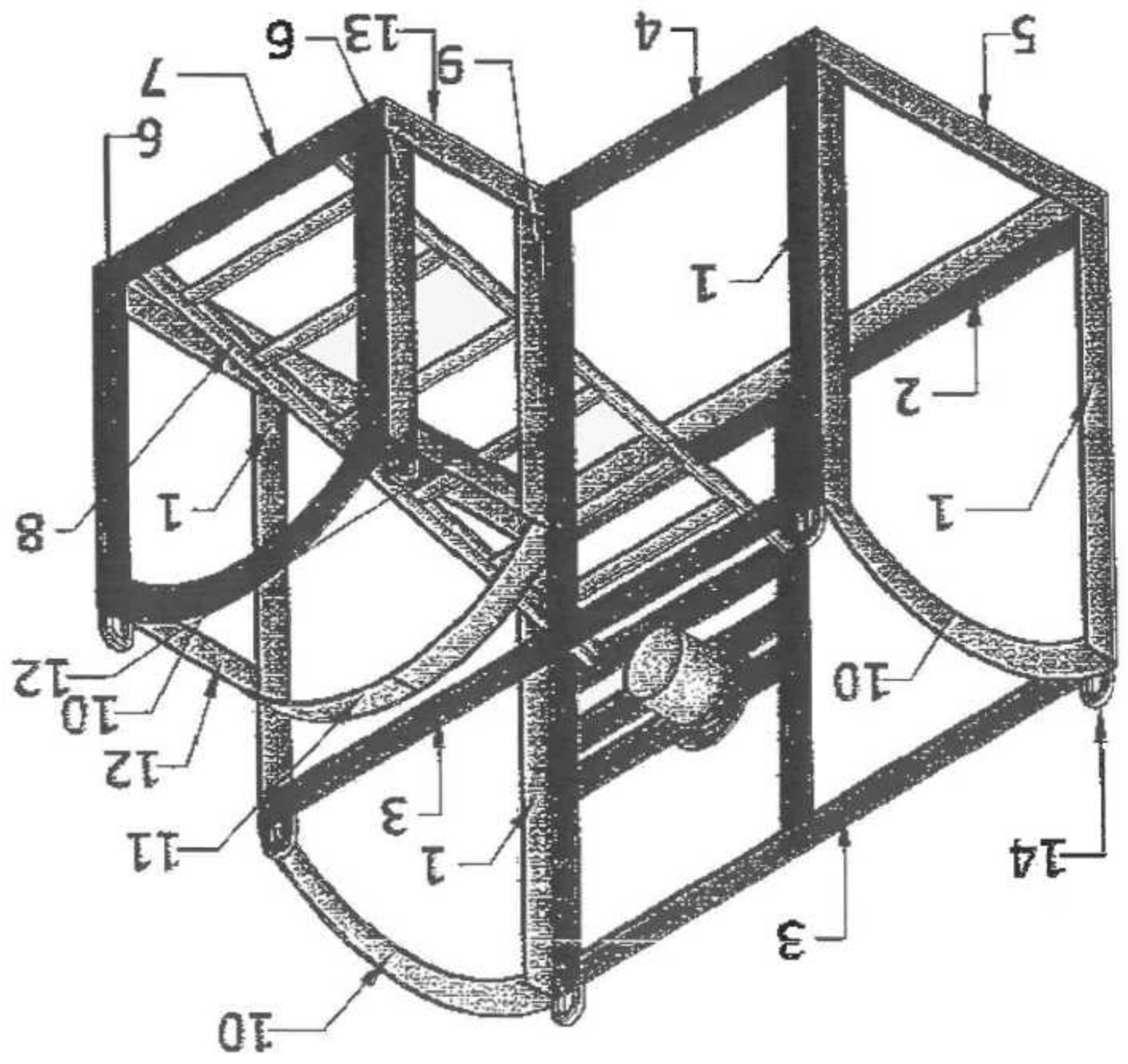
AS SHOWN

SHEET CONTENTS:

22

29

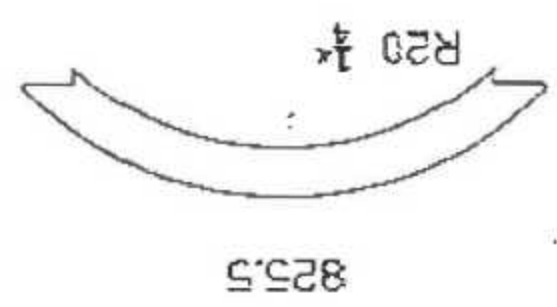
FURNACE FRAME  
NO. 10  
SCALE



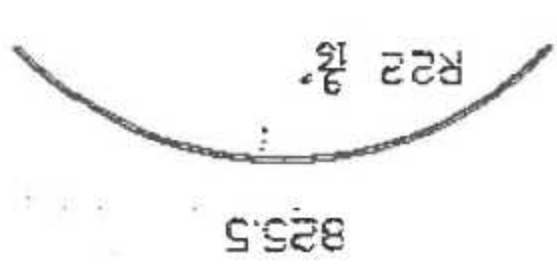
LEGEND


- 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 1:15

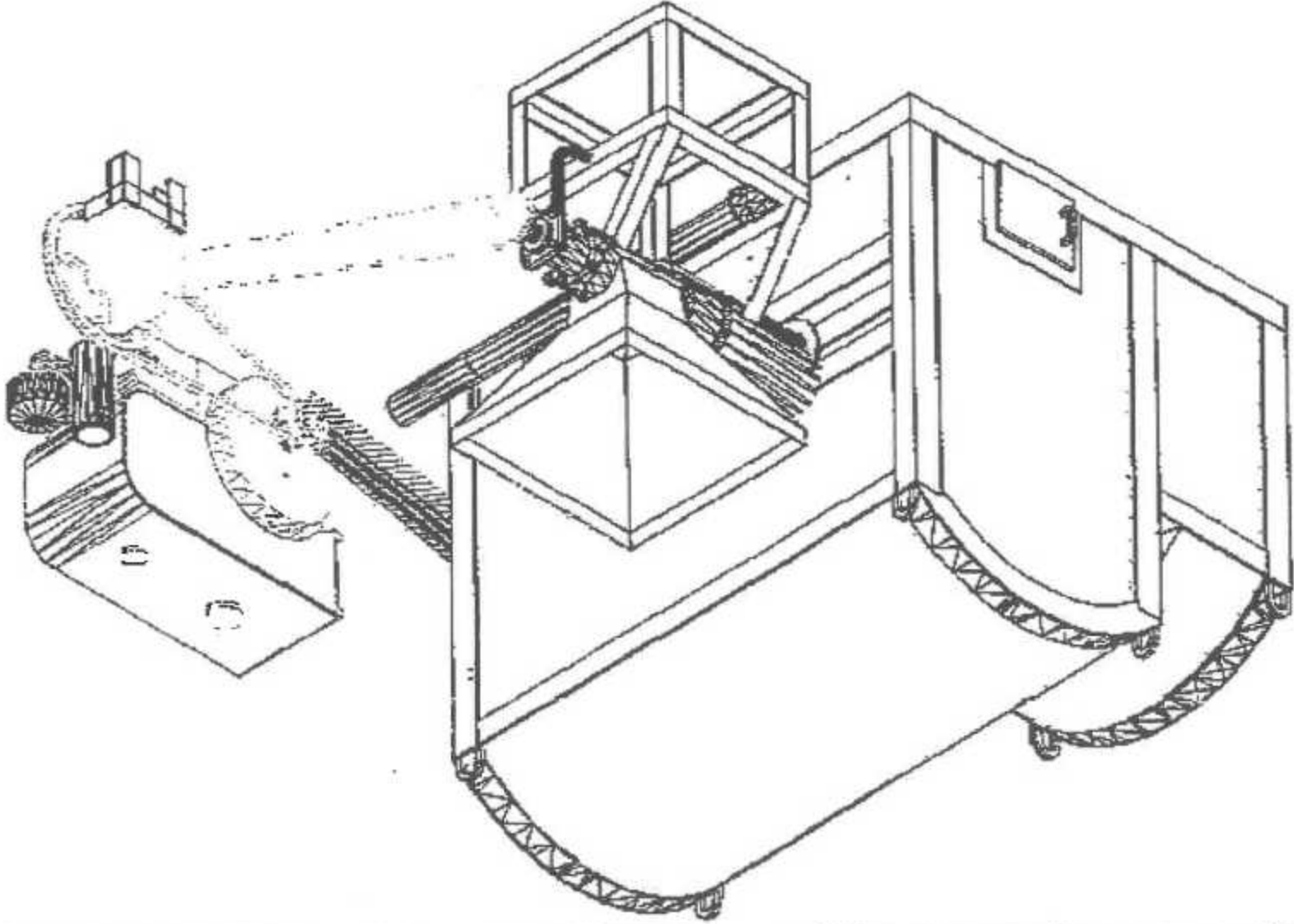



DETAIL B  
SCALE 1:15

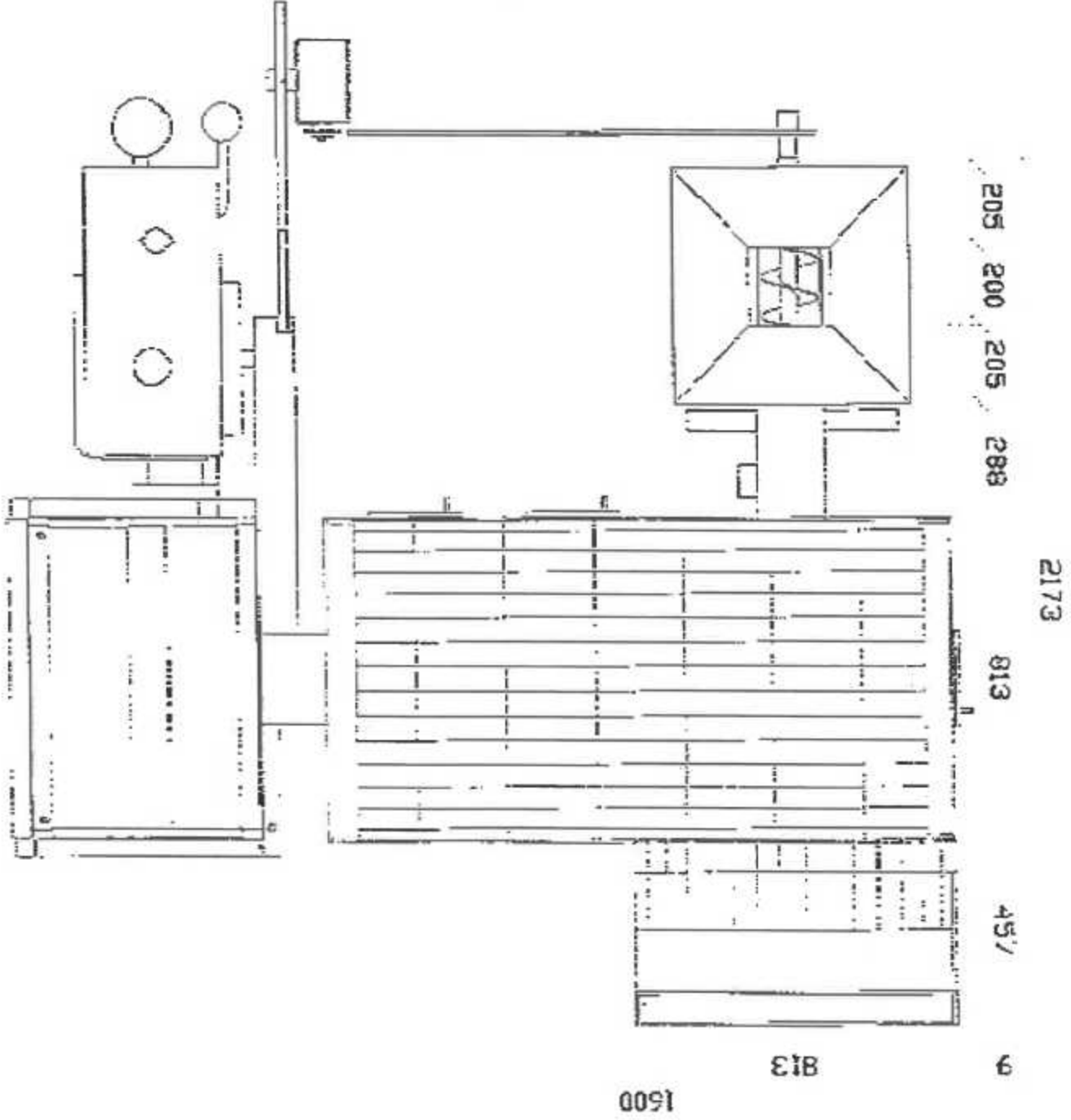


	REGISTERED BY <b>LIEZ A. BAUTISTA</b> <small>TECHNICAL STAFF</small>	NOTED BY <b>ALONSO E. BARRIA</b> <small>REGISTERED</small>	RECOMMENDING APPROVAL <b>ARNEL RAMIL B. PAGA</b> <small>REGISTERED MECHANICAL ENGINEER</small>	APPROVED BY <b>RICHARDO L. CACHUELA</b> <small>DIRECTOR</small>	PROJECT TITLE <b>MODIFIED FLATBED DRYER</b>	SHEET COMMENTS <b>AS SHOWN</b>	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);">23</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">29</div> </div>
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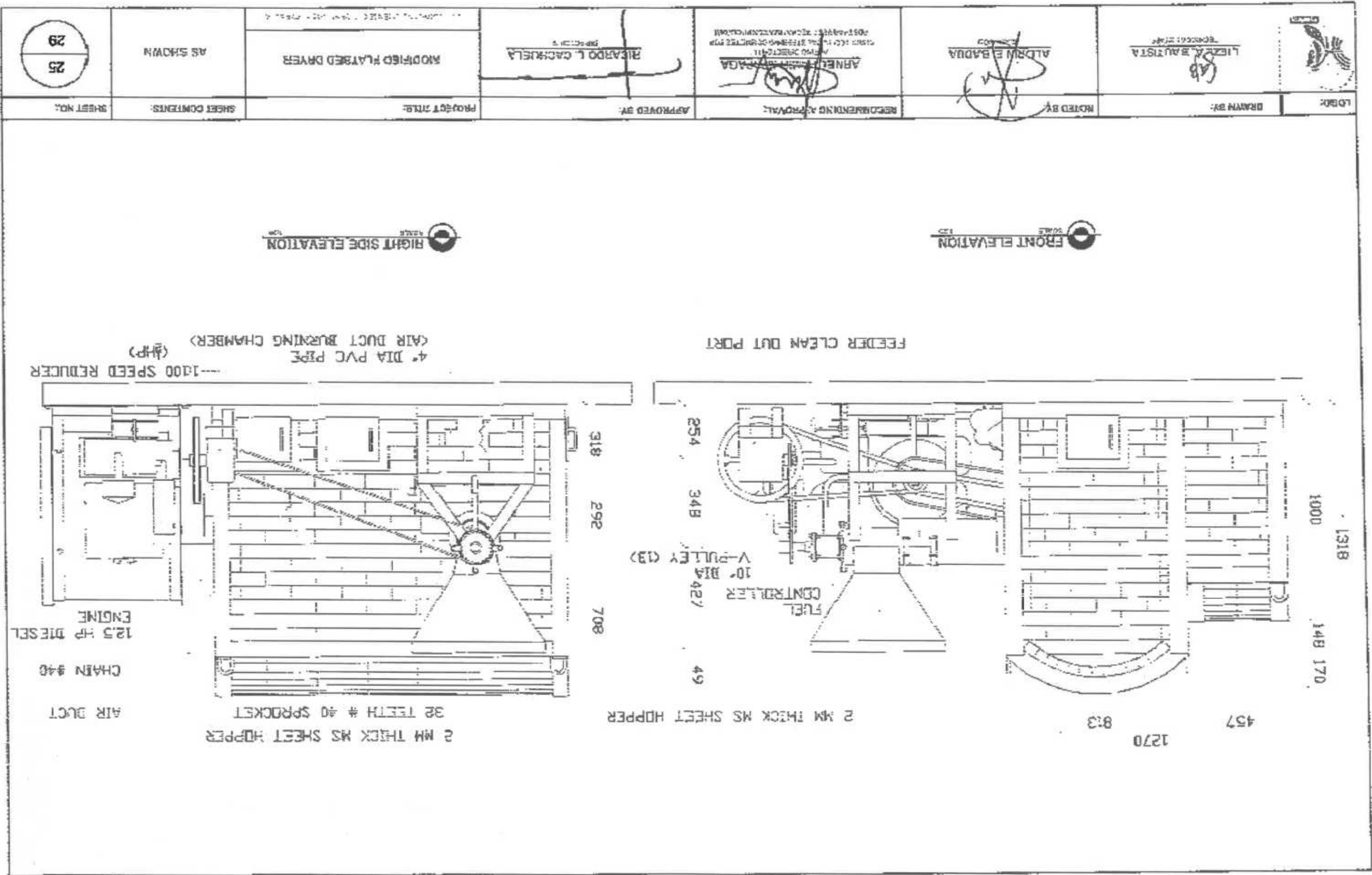
ISOMETRIC VIEW  
SCALE 1/2" = 1'-0"



	RECOMMENDING BY: LIZEL A. SAUTISTA TECHNICAL STAFF	NOTED BY: ALBRIN E. BADOA ASST. DIR.	RECOMMENDING APPROVAL: ARNEL B. BAYAN ASST. DIR.	APPROVED BY: RICARDO L. CACHUELA ASST. DIR.	PROJECT TITLE: MODIFIED FLATBED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: 24 29









LOGO

LESLIE A. BAUTISTA  
SENIOR STAFF

REDAKING BY:

ALDRIN E. BADAUA  
SENIOR STAFF

NOTED BY:

ARMEL P. BARRERA  
SENIOR STAFF

RECOMMENDING APPROVAL:

RICARDO L. CACHUELA  
SENIOR STAFF

APPROVED BY:

MODIFIED FLATBED DRYER

PROJECT TITLE:

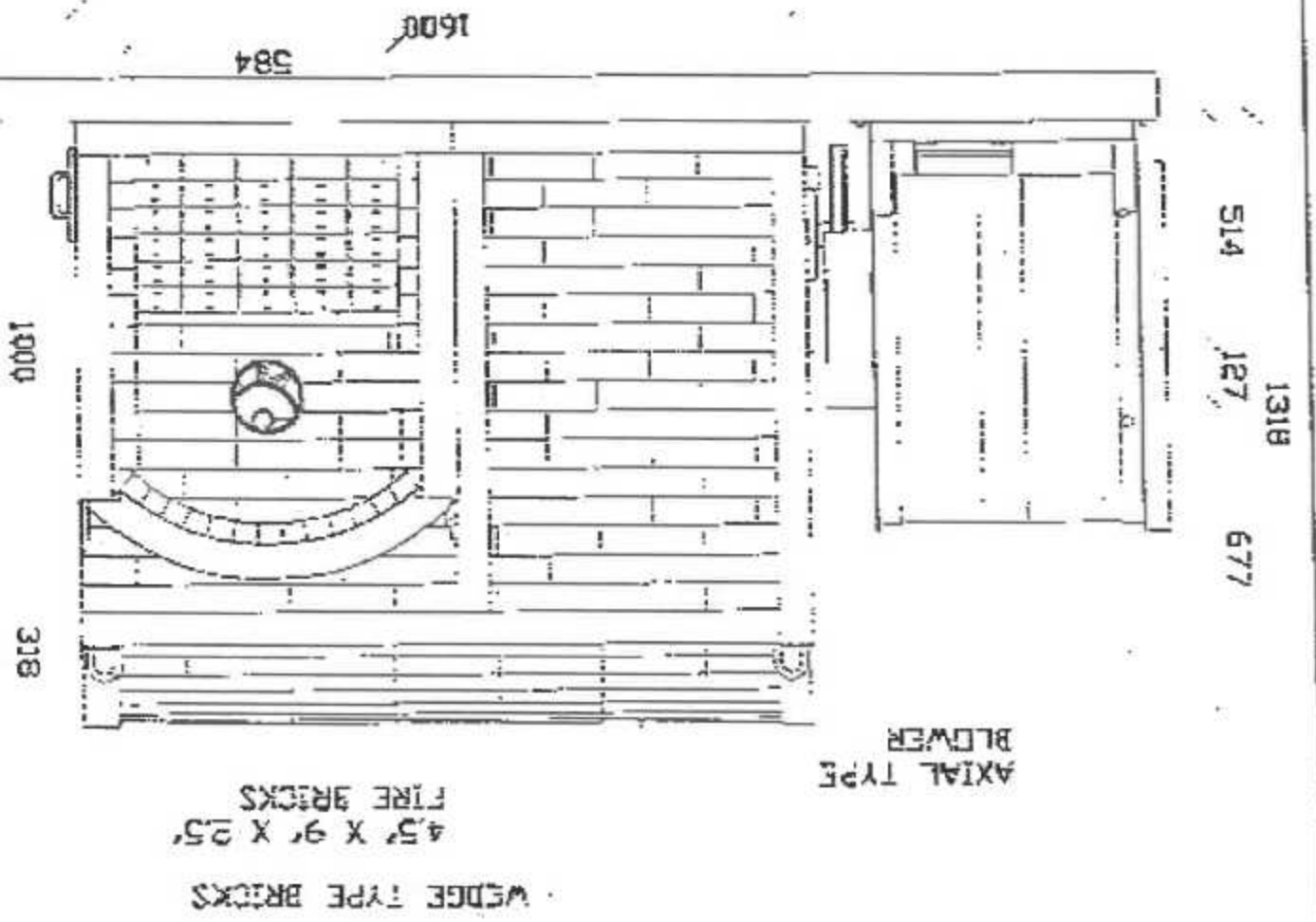
AS SHOWN

SHEET COMMENTS:

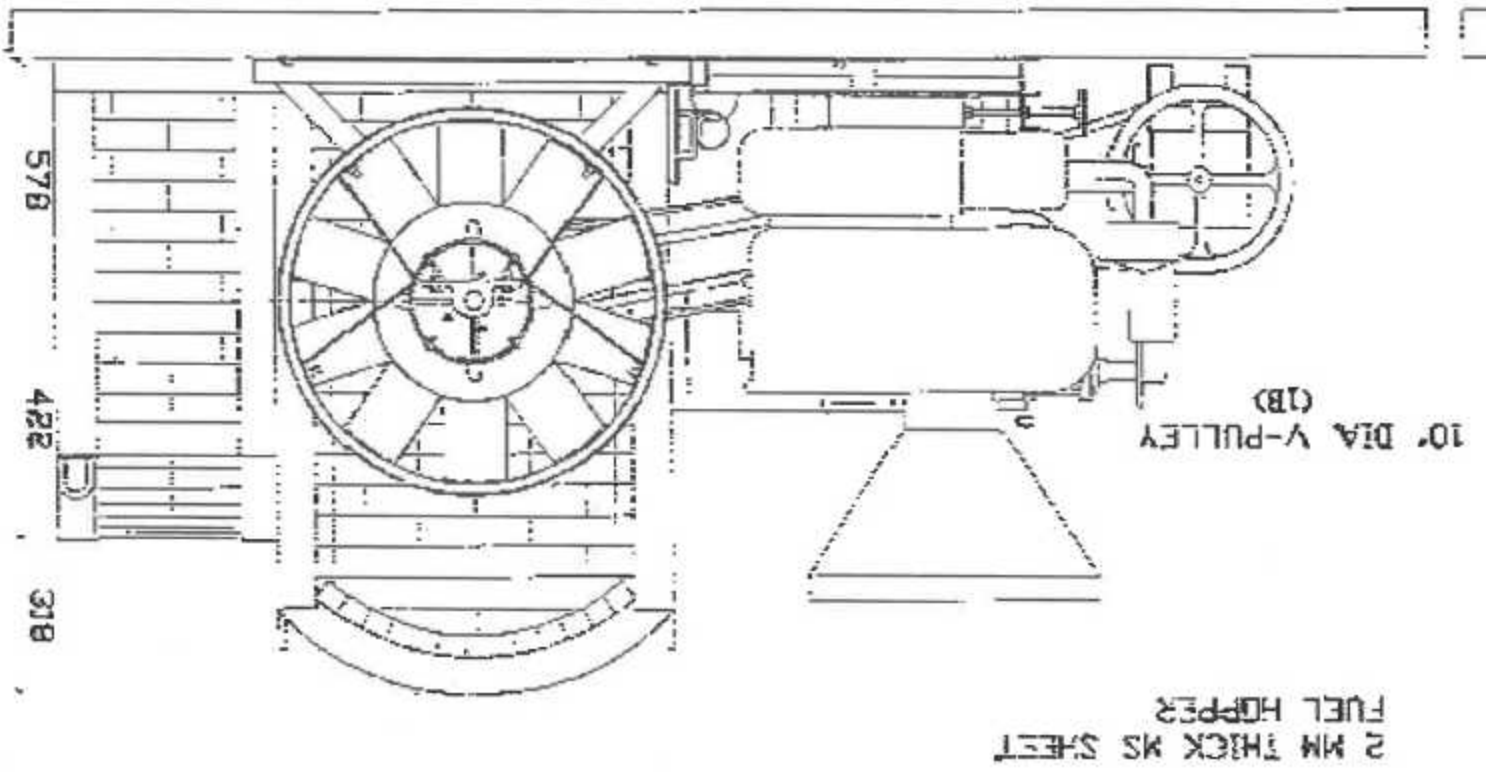
26  
29


SHEET NO.:

LEFT SIDE ELEVATION  
SCALE 1/2" = 1'-0"




REAR ELEVATION  
SCALE 1/2" = 1'-0"




	REDRAWN BY: LIEZL A. BAUTISTA TECHNICAL STAFF	NOTED BY: ALDRIN S. BARRA CHARTERED PROFESSIONAL ENGINEER	RECOMMENDING APPROVAL: ARNEL P. MORALES CHARTERED PROFESSIONAL ENGINEER	APPROVED BY: RICARDO L. CACHUELA CHARTERED PROFESSIONAL ENGINEER	PROJECT TITLE: MODIFIED PLATED DRYER	SHEET CONTENTS: AS SHOWN	SHEET NO.: 27
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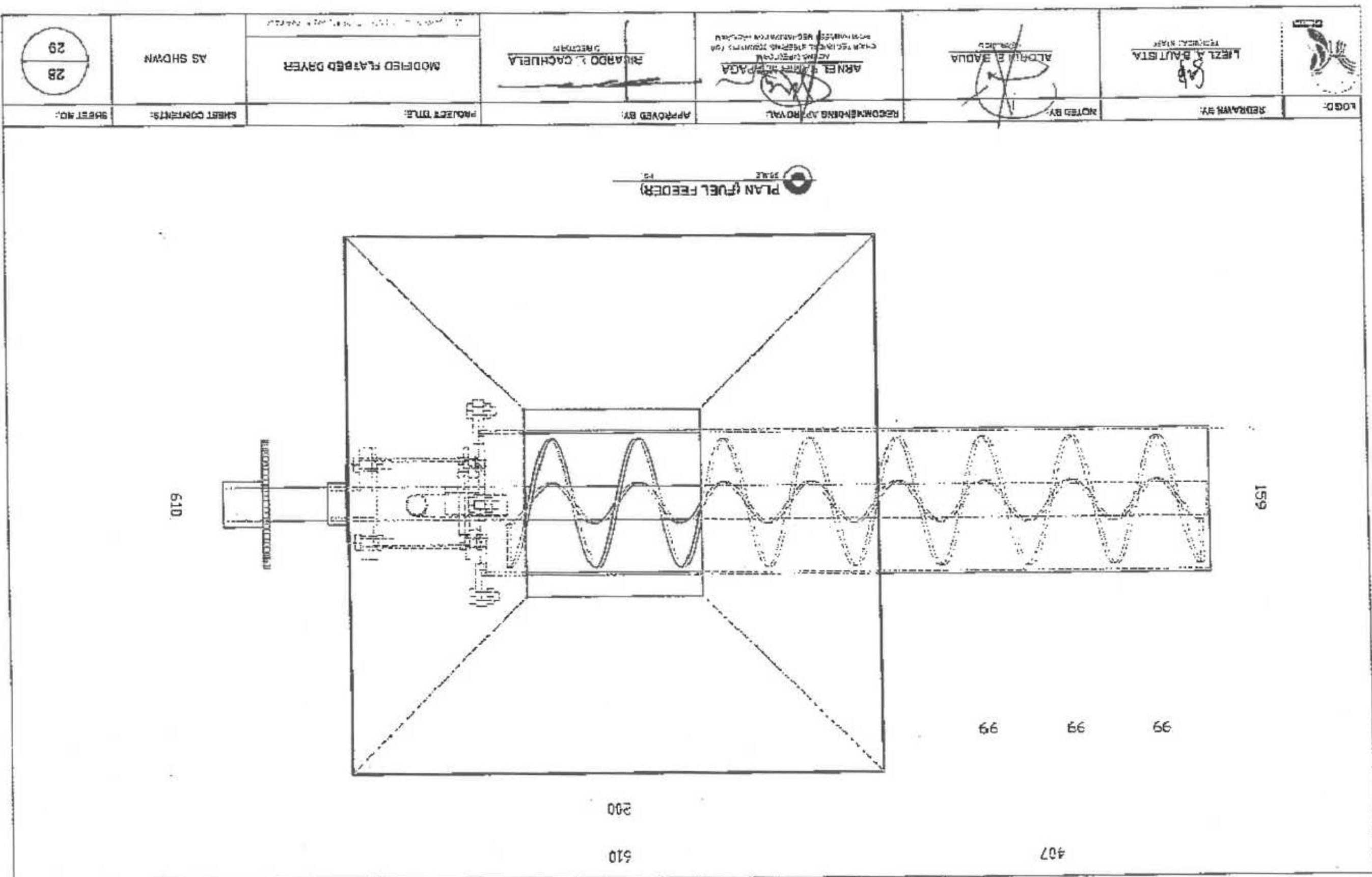
  

PLAN SLIDE



ELEVATION







LEZL M. SAUTISTA  
TECHNICAL STAFF

ADRIAN E. BAPUA  
TECHNICAL STAFF

ARNEL RAMON LAPAGA  
TECHNICAL STAFF  
FOR THE DEPARTMENT OF DEFENSE

RICARDO L. CADREIRA  
TECHNICAL STAFF

MODIFIED FLATBED DRYER

AS SHOWN

29  
29

LOGO

REVIEWED BY:

NOTED BY:

SECONDARY REVIEW:

APPROVED BY:

PROJECT TITLE:

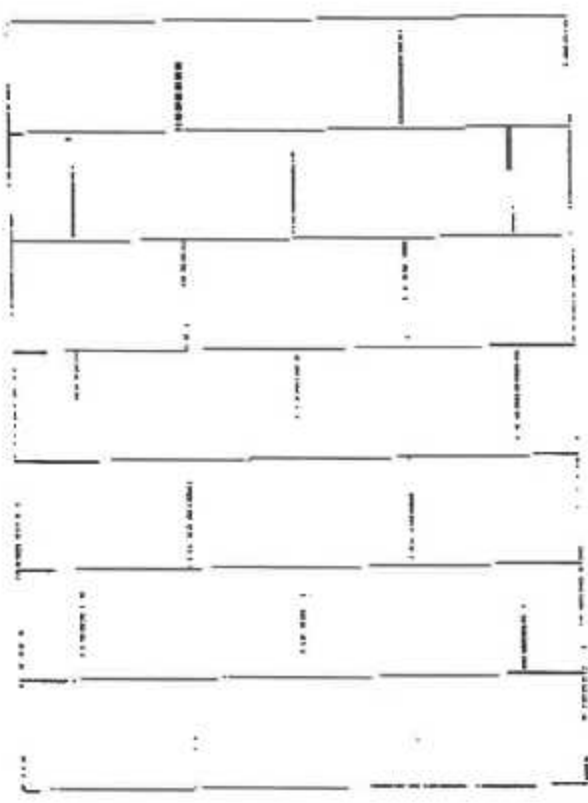
SHEET CONTENTS:

SHEET NO.:

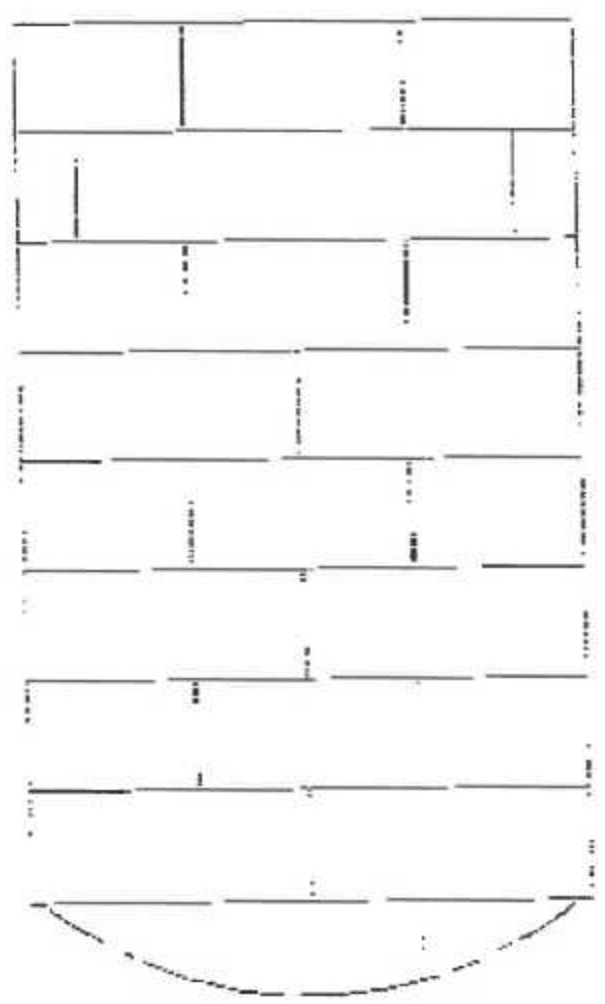
DIVIDER 1  
SCALE 1/8"

DIVIDER 2  
SCALE 1/8"

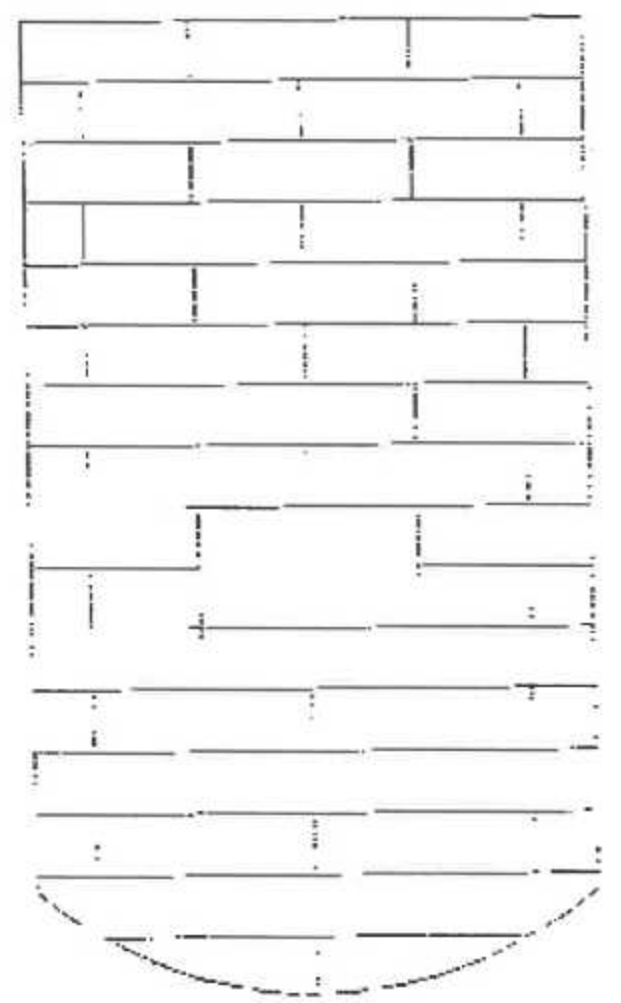
BACKWALL  
SCALE 1/8"



584



584  
457



508  
127

584  
178 229 178 121



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF AGRICULTURE  
WESTERN VISAYAS  
ILOILO CITY