

GATXCENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

February 2, 1983

DER

FEB 07 1983

BAQM

Mr Bill Thomas
State of Florida
Bureau of Air Quality Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32301

Re: Central Florida Pipeline Corporation
Permit No. AC 48-54122
Modifications - Tank 1054

Dear Mr. Thomas:

Subject permit expires April 30, 1983. To date we have not performed the installation of an internal floating roof on Tank 1054, as we have requested.

Due to the changing petroleum situation we feel that this requested change will be desirable this year.

We would like to extend the expiration date for this project to April 1984.

Your consideration will be greatly appreciated.

Yours truly,


A. L. Fillenwarth 248-2148
Chief Engineer

ALF/sg

cc: Mr. C. M. Collins, P. E.

called 2:55 PM
2/17/83

There has been and still
is only Jet Kerosene
stored in the
ret. PST
32

P16 7682408

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

SENT TO		D. P. Schofield
STREET AND NO.		120 S. Riverside Plaza
P.O., STATE AND ZIP CODE		Chicago, Illinois 60606
POSTAGE		\$
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	c
	SPECIAL DELIVERY	c
	RESTRICTED DELIVERY	c
	OPTIONAL SERVICES	
	RETURN RECEIPT SERVICE	
	SHOW TO WHOM AND DATE DELIVERED	c
	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY	c
	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	c
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	c
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		7/21/82

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1978 RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL	SENDER: Complete items 1, 2, and 3. Add your address in the "RETURN TO" space on reverse.		
	1. The following service is requested (check one.)		
	<input checked="" type="checkbox"/> Show to whom and date delivered.....c		
	<input type="checkbox"/> Show to whom, date and address of delivery.....c		
	<input type="checkbox"/> RESTRICTED DELIVERY		
	Show to whom and date delivered.....c		
	<input type="checkbox"/> RESTRICTED DELIVERY.		
	Show to whom, date, and address of delivery.\$		
	(CONSULT POSTMASTER FOR FEES)		
	2. ARTICLE ADDRESSED TO: D. P. Schofield Central FL Pipeline Corp. 120 S. Riverside Plaza Chicago, Illinois 60606		
3. ARTICLE DESCRIPTION:			
REGISTERED NO.	CERTIFIED NO.	INSURED NO.	
	7682408		
(Always obtain signature of addressee or agent)			
I have received the article described above.			
SIGNATURE <input type="checkbox"/> Addressee <input type="checkbox"/> Authorized agent			
<i>Harold Thomas</i>			
4. DATE OF DELIVERY JUL 23 1982			
5. ADDRESS (Complete only if requested)			
6. UNABLE TO DELIVER BECAUSE:			
		CLERK'S INITIALS	

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

Victoria J. Tschinkel
SECRETARY

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

July 20, 1982

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

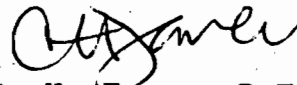
D. P. Schofield, President
Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

Dear Mr. Schofield:

Enclosed is Permit Number AC 48-54122, dated July 19, 1982
to Central Florida Pipeline Corporation
issued pursuant to Section 403, Florida Statutes.

Acceptance of the permit constitutes notice and agreement that the Department will periodically review this permit for compliance, including site inspections where applicable, and may initiate enforcement actions for violation of the conditions and requirements thereof.

Sincerely,


C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management


CHF/pa
Attachment

cc: Fred C. Engelman, P.E.
David O. Theung, Central Florida Pipeline Corp.
Charles Collins, FDER St. Johns River District

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices And/Or To Other Than The Addressee		
To: _____	Locn.: _____	
To: _____	Locn.: _____	
To: _____	Locn.: _____	
From: _____	Date: _____	
Reply Optional []	Reply Required []	Info. Only []
Date Due: _____	Date Due: _____	

TO: Victoria J. Tschinkel
FROM: Bill Thomas 
DATE: July 19, 1982
SUBJ: Approval and Signature of Attached Air
Construction Permit Described Below

Attached please find one Air Construction Permit for which the applicant is Central Florida Pipeline Corporation. The proposed construction is a modification to an existing petroleum storage tank.

Day 90, after which the permit would be issued by default, is July 24, 1982.

The Bureau recommends your approval and signature.

BT/pa

Attachment

FINAL DETERMINATION

CENTRAL FLORIDA PIPELINE CORPORATION
ORANGE COUNTY, FLORIDA

GASOLINE STORAGE TANK

APPLICATION NUMBER:

AC 48-54122

FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION
BUREAU OF AIR QUALITY MANAGEMENT
CENTRAL AIR PERMITTING

JUNE 17, 1982

CENTRAL FLORIDA PIPELINE CORPORATION

The Bureau of Air Quality Management has reviewed the construction permit application from the Central Florida Pipeline Corporation to convert an existing jet kerosene storage tank to gasoline storage upon retrofitting with an internal floating roof. The notice of the Department's intent to issue was published in the Orlando Sentinel Star on May 15, 1982 and the Preliminary Determination was available for public inspection at the DER St. Johns River District office in Orlando, and at the Bureau of Air Quality Management.

No letters or comments were received on the proposed action as a result of the public comment period. Therefore, the construction permit will be issued with the conditions as given in the proposed permit.

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL REGULATION

CONSTRUCTION
PERMIT

NO

DATE OF ISSUANCE

11-18-1972

DATE OF EXPIRATION

11-18-1973

[Signature]
DIRECTOR, DEPARTMENT OF
ENVIRONMENTAL REGULATION



STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

APPLICANT:

Central Florida Pipeline Corporation
120 South Riverside Plaza
Chicago, Illinois 60606

PERMIT/CERTIFICATION
NO. AC 48-54122

COUNTY: Orange

PROJECT:

Gasoline Storage
Tank 1054-Floating
Roof Retrofit

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Chapter 17-2, Florida Administrative Code. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the approved drawing(s), plans, documents, and specifications attached hereto and made a part hereof and specifically described as follows:

For the installation of an internal floating roof or storage tank 1054 at the CFPC terminal located at 9999 South State Road 527 near Taft, Orange County. The UTM coordinates of the proposed source are 463.8 km East and 3143.8 km North.

Construction shall be in accordance with the attached permit application and plans, documents and drawings except as otherwise noted on page 3 - "Specific Conditions".

Attachments are as follows:

1. Application to Construct Air Pollution Sources, DER Form 17-1.122(16).

PERMIT NO.: AC 48-54122
APPLICANT: Central Florida Pipeline Corporation

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions", and as such are binding upon the permittee and enforceable pursuant to the authority of Section 403.161(1), Florida Statutes. Permittee is hereby placed on notice that the department will review this permit periodically and may initiate court action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations indicated in the attached drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit shall constitute grounds for revocation and enforcement action by the department.
3. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the department with the following information: (a) a description of and cause of non-compliance; and (b) the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.
4. As provided in subsection 403.087(6), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.
5. This permit is required to be posted in a conspicuous location at the work site or source during the entire period of construction or operation.
6. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the department, may be used by the department as evidence in any enforcement case arising under the Florida Statutes or department rules, except where such use is proscribed by Section 403.111, F.S.
7. In the case of an operation permit, permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or department rules.
8. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant, or aquatic life or property and penalties therefore caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and department rules, except where specifically authorized by an order from the department granting a variance or exception from department rules or state statutes.
9. This permit is not transferable. Upon sale or legal transfer of the property or facility covered by this permit, the permittee shall notify the department within thirty (30) days. The new owner must apply for a permit transfer within thirty (30) days. The permittee shall be liable for any non-compliance of the permitted source until the transferee applies for and receives a transfer of permit.
10. The permittee, by acceptance of this permit, specifically agrees to allow access to permitted source at reasonable times by department personnel presenting credentials for the purposes of inspection and testing to determine compliance with this permit and department rules.
11. This permit does not indicate a waiver of or approval of any other department permit that may be required for other aspects of the total project.
12. This permit conveys no title to land or water, nor constitutes state recognition or acknowledgement of title, and does not constitute authority for the reclamation of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
13. This permit also constitutes:
 - ☐ Determination of Best Available Control Technology (BACT)
 - ☐ Determination of Prevention of Significant Deterioration (PSD)
 - ☐ Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)

PERMIT NO.: AC 48-54122
APPLICANT: Central Florida Pipeline Corporation

SPECIFIC CONDITIONS:

1. Construction should reasonably conform to plans submitted in the application.
2. The applicant should report any delays in construction and completion of the proposed rack to the Department's St. Johns River District Office in Orlando.
3. Thirty days prior to the initial fill, the St. Johns River District office shall be notified so that a Department representative may verify compliance with the conditions of the construction permit.
4. Annual operating and maintenance reports shall be submitted to the St. Johns River District Office and shall include tank gasoline throughput and seal condition.
5. Prior to 90 days of the expiration of the construction permit the applicant will submit a complete application for an operating permit. The permittee may continue to operate in compliance with all terms of the construction permit until the expiration date or issuance of an operating permit.

Expiration Date: April 30, 1983

Issued this 19 day of July, 1982

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



Signature

GATX

February 5, 1991

Mr. C. H. Fancy
Bureau Chief of Air Regulation
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RE: Central Florida Pipeline Corporation
A048-182682 - Tank 40-1
A048-160623 - Tank 60-1

Dear Mr. Fancy:

Central Florida Pipeline Corporation (CFPL), a subsidiary of GATX Terminals Corporation (GATX) hereby advises per telephone conversation with Mr. Willard Hanks on January 31, 1991 maintenance on two (2) Internal Floating Roof (IFR) tank seals at the Taft, Florida terminal.

The maintenance consists of replacing a single seal in Tank No. 40-1, reference FDER permit no. A048-182682, with a double wiper seal. Additionally, Tank No. 60-1, reference FDER permit no. A048-160623, existing double wiper seal will be replaced with a new double wiper seal.

Upon delivery of seal material, as well as cleaning and gas-freeing each tank, CFPL anticipates seal replacement to commence the week of February 12, 1991.

Please contact me at (813)248-2148 with any questions or concerns.

Sincerely,
Central Florida Pipeline Corporation



Caren I. Lennie
Environmental Coordinator

CIL/skd
CL-CFPC

cc: Dennis Nester, O.C.E.P.D.
John Turner, FDER Central District

CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8300
Telecopier 813-247-2476

RECEIVED
FEB 11 1991
DER-BAQM

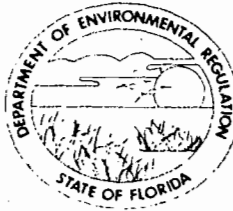
2-13-91
DISCUSSED LETTER
WITH JOHN TURNER
AND TOLD HIM NO
RESPONSE WAS NECESSARY

lml

File

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

February 18, 1983

Mr. A. L. Fillenwarth
Chief Engineer
Central Florida Pipeline Corporation
1904 Hemlock Avenue
Tampa, Florida 33605

Dear Mr. Fillenwarth:

The Department is in receipt of your request for a modification of your construction permit, No. AC 48-54122, issued July 19, 1982. This request is acceptable and the conditions are changed and added as follows:

Permit Expiration Date:

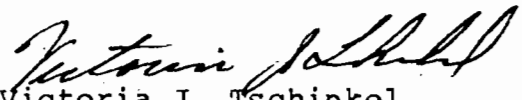
FROM: April 30, 1983
TO: April 30, 1984

Attachment to be included:

2. A. L. Fillenwarth's letter requesting a modification dated February 2, 1983.

This letter and attachment must be attached to your construction permit, No. AC 48-54122, and shall become a part of that permit.

Sincerely,


Victoria J. Tschinkel
Secretary

VJT/BM/ks

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

Routing To District Offices And/Or To Other Than The Addressee			
To: _____	Locn.: _____		
To: _____	Locn.: _____		
To: _____	Locn.: _____		
From: _____	Date: _____		
Reply Optional []		Reply Required []	Info. Only []
Date Due: _____		Date Due: _____	

RECEIVED
FEB 21 1983

TO: Victoria J. Tschinkel

FROM: C. H. Fancy, Deputy Bureau Chief, BAQM Office of the Secretary

DATE: February 18, 1983 *Chin*

SUBJ: Approval and signature of a modification to the construction permit, No. AC 48-54122, for Central Florida Pipeline Corporation, issued on July 19, 1982.

Enclosed is an amendment to the referenced construction permit and the Bureau recommends approval.

CHF/bjm

Enclosure

Telephone Record

Talked with Mr. A. h. Fillenwarth Date 2/17/83
Time 2:55 PM of Central Florida Pipeline Corporation
Phone Number 813-248-2148 Called X Party Called _____
Reason: Confirm that petroleum storage tank No. 1054 has not
yet been modified to store gasoline and that only jet kerosene
has been stored in it? Mr. Fillenwarth confirmed the facts.

Action/Reply: None required. I recommend that the construction
permit, No. AC 48-54122, issued July 19, 1982, be modified
to have a new expiration date - April 30, 1984 (~~the~~ permit
expires April 30, 1983).

→ P 3/31

Check Sheet

Company Name: *Central Florida Pipeline Corporation*
Permit Number: *AC 48-54122*
PSD Number:
County: *Orange*
Permit Engineer:
Others involved: *William*

Application:

- ☒ Initial Application
- ☐ Incompleteness Letters
- ☐ Responses
- ☐ Final Application (if applicable)
- ☐ Waiver of Department Action
- ☐ Department Response

Intent:

- ☒ Intent to Issue
- ☒ Notice to Public
- ☒ Technical Evaluation
- ☐ BACT Determination
- ☐ Unsigned Permit

Attachments:

- ☐
- ☐
- ☐
- ☐ Correspondence with:
 - ☐ EPA
 - ☐ Park Services
 - ☐ County
 - ☐ Other
- ☒ Proof of Publication
- ☐ Petitions - (Related to extensions, hearings, etc.)

Final Determination:

- ☒ Final Determination
- ☒ Signed Permit
- ☐ BACT Determination

Post Permit Correspondence:

- ☒ Extensions
- ☐ Amendments/Modifications
- ☐ Response from EPA
- ☐ Response from County
- ☐ Response from Park Services

GATX

Jim Powell

cme

CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

9919 Palm Avenue
P.O. Box 10166
Taft, Florida 32809
305-855-0713

SUB

May 25, 1982



DER
JUN 07 1982
BAQM

Mr. Charles M. Collins, P.E.
Air & Solid Waste Engineering
State of Florida
Department of Environmental Regulation
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Dear Mr. Collins:

Attached is a copy of a legal advertisement notice published in the Orlando Sentinel Star regarding a proposed petroleum storage tank modification at the Taft Terminal, for your information.

Very truly yours,

B. J. Priest

B. J. Priest
Maintenance Supervisor

/fym
Attachment

RECEIVED
MAY 27 1982
PERMITTING

JR - TO TALLY? Yes. *SUB*

Sentinel Star Company

Published Daily
Orlando, Orange County, Florida

ADVERTISING CHARGE \$38.17

State of Florida) ss.
COUNTY OF ORANGE

Before the undersigned authority personally appeared _____
Betty M. Kinney _____, who on oath says that

she is the Legal Advertising Representative of the Sentinel Star, a Daily newspaper
published at Orlando, in Orange County, Florida; that the attached copy of ad-
vertisement, being a Notice of Proposed Agency Action in the matter of
Permit for the modification to a petroleum
storage tank at Taft, FL in the _____ Court,

was published in said newspaper in the issues of _____
May 15, 1982

Affiant further says that the said Sentinel Star is a newspaper published at Or-
lando, in said Orange County, Florida, and that the said newspaper has heretofore
been continuously published in said Orange County, Florida, each Week Day and has
been entered as second-class mail matter at the post office in Orlando, in said Orange
County, Florida for a period of one year next preceding the first publication of the
attached copy of advertisement; and affiant further says that he/she has neither
paid nor promised any person, firm or corporation any discount, rebate, commission
or refund for the purpose of securing this advertisement for publication in the said
newspaper.

Betty M. Kinney
Sworn to and subscribed before me this 21st day

of May A.D., 19 82

Virginia M. Hollingsworth

Notary Public, State of Florida at Large

My Commission Expires July 13, 1985

Bonded by American Fire & Casualty Co. FORM NO. AD-262

**NOTICE OF PROPOSED
AGENCY ACTION**

The Department of Environmen-
tal Regulation gives notice of its in-
tent to issue a permit to the Ce-
ntral Florida Pipeline Corporation
for the modification to a petroleum
storage tank at their terminal near
Taft, Orange County, Florida. A de-
termination of Best Available Con-
trol Technology (BACT) was not
required.

A person who is substantially af-
fected by the Department's pro-
posed permitting decision may re-
quest a hearing in accordance with
Section 120.57, Florida Statutes,
and Chapters 17-1 and 28-5, Flor-
ida Administrative Code. The re-
quest for hearing must be filed (re-
ceived) in the Office of General
Council of the Department at 2600
Blair Stone Road, Twin Towers Of-
fice Building, Tallahassee, Florida
32301, within fourteen (14) days of
publication of this notice. Failure to
file a request for hearing within this
time period shall constitute a waiver
of any right such person may
have to request a hearing under
Section 120.57, Florida Statutes.
The application, technical evalua-
tion and departmental intent are
available for public inspection dur-
ing normal business hours, 8:00
a.m. to 5:00 p.m., Monday through
Friday, except legal holidays, at the
following locations:

DER, Bureau of Air Quality Mgmt.
2600 Blair Stone Road
Tallahassee, Florida 32301

Dept. of Env. Regulation
St. Johns River Dist.
3319 Maguire Blvd.
Suite 232
Orlando, Florida 32803

Comments on this action shall
be submitted in writing to Bill
Thomas of the Tallahassee office
within thirty (30) days of this
notice.
CL-487 May 15, 1982

DER

JUN 01 1982

BAQM

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

M E M O R A N D U M

TO: David O. Theung, Central Florida Pipeline Corp.
D. P. Schofield, Central Florida Pipeline Corp.
Fred C. Engelman, P.E.
Charles M. Collins, DER St. Johns River District

FROM: C. H. Fancy, Deputy Chief, Bureau of Air
Quality Management *C. H. Fancy*

DATE: May 14, 1982

SUBJ: Preliminary Determination - Central Florida Pipeline
Corporation, AC 48-54122

Attached is one copy of the application, Technical Evaluation and Preliminary Determination, and proposed permit to install an internal floating roof on an existing petroleum storage tank at Central Florida Pipeline Corporation's terminal near Taft, Florida.

Please submit any comments which you wish to have considered concerning this action, in writing, to Bill Thomas of the Bureau of Air Quality Management prior to June 15, 1982.

CHF/pa

Attachment

TECHNICAL EVALUATION
AND
PRELIMINARY DETERMINATION

CENTRAL FLORIDA PIPELINE CORPORATION
ORANGE COUNTY, FLORIDA

GASOLINE STORAGE TANK

APPLICATION NUMBER:

AC 48-54122

FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION
BUREAU OF AIR QUALITY MANAGEMENT
CENTRAL AIR PERMITTING

MAY 10, 1982

CENTRAL FLORIDA PIPELINE CORPORATION

The applicant intends to install an internal floating roof on an existing 25,000 barrel cone roof tank currently permitted for jet kerosene fuel storage. The tank will then be used for gasoline storage. Resulting hydrocarbon emissions would amount to .56 tons per year.

The storage tank would be subject to the Reasonably Available Control Technology (RACT) requirements of 17-2.650 (1)(f)8., Florida Administrative Code (FAC), since the terminal is located in the Orange County Ozone Nonattainment Area. This rule requires that all fixed-roof gasoline storage vessels over 1,000 barrel capacity be fitted with an internal floating roof equipped with a closure seal, as well as maintenance and operational provisions.

Although minimal, the new hydrocarbon emissions would be credited towards a significant increase as outlined in 17-2.510, FAC, New Source Review for Nonattainment Areas.

The Department is satisfied that the applicant's proposed technology meets the RACT requirements and intends to issue the permit as applied for, pending comments as a result of public notice of the preliminary determination and proposed permit. The General and Specific Conditions are listed in the proposed permit.

NOTICE OF PROPOSED AGENCY ACTION

The Department of Environmental Regulation gives notice of its intent to issue a permit to the Central Florida Pipeline Corporation for the modification to a petroleum storage tank at their terminal near Taft, Orange County, Florida. A determination of Best Available Control Technology (BACT) was not required.

A person who is substantially affected by the Department's proposed permitting decision may request a hearing in accordance with Section 120.57, Florida Statutes, and Chapters 17-1 and 28-5, Florida Administrative Code. The request for hearing must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Twin Towers Office Building, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a request for hearing within this time period shall constitute a waiver of any right such person may have to request a hearing under Section 120.57, Florida Statutes.

The application, technical evaluation and departmental intent are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the following locations:

DER, Bureau of Air Quality Mgmt.
2600 Blair Stone Road
Tallahassee, Florida 32301

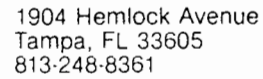
Dept. of Env. Regulation
St. Johns River Dist.
3319 Maguire Blvd.
Suite 232
Orlando, Florida 32803

Comments on this action shall be submitted in writing to Bill Thomas of the Tallahassee office within thirty (30) days of this notice.

RULES OF THE ADMINISTRATIVE COMMISSION
MODEL RULES OF PROCEDURE
CHAPTER 28-5
DECISIONS DETERMINING SUBSTANTIAL INTERESTS

28-5.15 Requests for Formal and Informal Proceedings

- (1) Requests for proceedings shall be made by petition to the agency involved. Each petition shall be printed typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double spaced and indented.
- (2) All petitions filed under these rules should contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name and address of the petitioner or petitioners;
 - (c) All disputed issues of material fact. If there are none, the petition must so indicate;
 - (d) A concise statement of the ultimate facts alleged, and the rules, regulations and constitutional provisions which entitle the petitioner to relief;
 - (e) A statement summarizing any informal action taken to resolve the issues, and the results of that action;
 - (f) A demand for the relief to which the petitioner deems himself entitled; and
 - (g) Such other information which the petitioner contends is material.



Enclosures

P16 7682401

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NDT FOR INTERNATIONAL MAIL
 (See Reverse)

SENT TO
David O. Theung
 STREET AND NO.
1904 Hemlock Avenue
 P.O., STATE AND ZIP CODE
Tampa, FL 33605
 POSTAGE \$
 CERTIFIED FEE \$
 SPECIAL DELIVERY \$
 RESTRICTED DELIVERY \$
 SHOW TO WHOM AND DATE DELIVERED \$
 SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY \$
 SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY \$
 SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY \$
 TOTAL POSTAGE AND FEES \$
 POSTMARK OR DATE

PS Form 3800, Apr. 1976

PS Form 3811, Jan. 1979

6 SENDER: Complete items 1, 2, and 3.
 Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one.)
☒ Show to whom and date delivered.....
☐ Show to whom, date and address of delivery.....
☐ RESTRICTED DELIVERY
 Show to whom and date delivered.....
☐ RESTRICTED DELIVERY.
 Show to whom, date, and address of delivery \$ ____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO: *David O. Theung*
1904 Hemlock Avenue
Tampa, FL 33605

3. ARTICLE DESCRIPTION:
 REGISTERED NO. CERTIFIED NO. INSURED NO.
 7682401
 (Always obtain signature of addressee or agent)

I have received the article described above.
 SIGNATURE ☐ Addressee ☐ Authorized agent
Blanco, J.
 5-6-82

4. DATE OF DELIVERY
 5-6-82

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE:

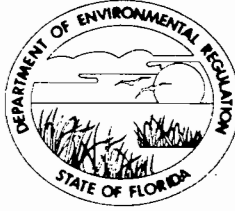
CLERK'S INITIALS

POSTMARK
 1982
 P1

STATE OF FLORIDA

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

May 3, 1982

CERTIFIED MAIL - RETURN RECEIPT REQUESTED


Mr. David O. Theung
Central Florida Pipeline Corporation
1904 Hemlock Avenue
Tampa, Florida 33605

Dear Mr. Theung:

Pursuant to Section 403.815, Florida Statutes, and Florida Administrative Code Rule 17-1.62, you are required to publish (at your own expense) the attached notice. This notice should be published, one time only, in the legal ad section of the Orlando Sentinel, as soon as possible and no later than May 15, 1982.

The Department, in accordance with Rule 17-1.62, is required to have proof that the public notice was given. Therefore, please have the newspaper prepare an affidavit of publication to submit to the Department.

Sincerely,

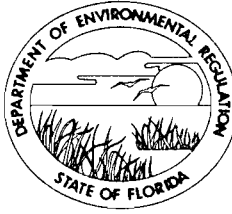

C. H. Fancy, P.E.
Deputy Chief
Bureau of Air Quality
Management

CHF/pa

Attachment

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

April 2, 1982

Mr. David O. Theung
Central Florida Pipeline
Corporation
1904 Hemlock Avenue
Tampa, Florida 33605

Dear Mr. Theung:

This is to acknowledge receipt of your application to modify existing Tank 1054 at your facility in Taft, Florida. Your receipt for the processing fee of \$20.00 is attached. The permit processing number is AC 48-54122. Please refer to this number on future correspondence.

If we may be of further assistance, please feel free to call at (904)488-1344.

Sincerely,

Patty Adams

Patty Adams
Bureau of Air Quality
Management

/pa

Attachment

cc: D. P. Schofield

CENTRAL FLORIDA PIPELINE CORP.
PLANT ACCOUNT

02559

63-26/631

March 29, 1982

PAY TO THE
ORDER OF

State of Florida
Department of Environmental Regulation

\$ 20.00

*** Twenty and no/100 ***

DOLLARS

FOR Application to Modify Tank 1054

7644-514



FIRST NATIONAL BANK
OF FLORIDA
DOWNTOWN OFFICE
TAMPA, FLORIDA 33601

James W. Clark

RUDCO 003

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

No. 33601

RECEIPT FOR APPLICATION FEES AND MISCELLANEOUS REVENUE

Received from Central Florida Pipeline Corp. Date April 2, 1982

Address 804 N. West Ave. Tampa FL 33605 Dollars \$ 20.00

Applicant Name & Address O.P. Whitfield Pres. Central Fla. Pipeline Corp.
180 S. Riverside Plaza Chicago Ill. 60606

Source of Revenue _____

Revenue Code 0101 Application Number AC 78-54122

By Patricia J. Adams

DER PERMIT APPLICATION TRACKING SYSTEM MASTER RECORD

FILE#000000054122 COEN DER PROCESSOR: ~~THOMAS~~ **POWELL** DER OFFICE: TLH
 FILE NAME: CENTRAL FL PIPELINE CORP DATE FIRST REC: 03/31/82 APPLICATION TYPE: AC
 APPL NAME: D. P. SCHOFIELD APPL PHONE: (312) 621-6200 PROJECT COUNTY: 48
 ADDR: S.R. 527 & VINELAND ROAD CITY: TAFT ST: FL ZIP: 32809
 AGNT NAME: FRED C. ENGELMAN, P.E. AGNT PHONE: (813) 933-5082
 ADDR: 3200 ROBSON CIRCLE CITY: TAMPA ST: FL ZIP: 33614

ADDITIONAL INFO REQ: / / / / / REC: / / / / /
 APPL COMPLETE DATE: / / COMMENTS NEC: Y DATE REQ: / / DATE REC: / /
 LETTER OF INTENT NEC: Y DATE WHEN INTENT ISSUED: / / WAIVER DATE: / /

HEARING REQUEST DATES: / / / / /
 HEARING WITHDRAWN/DENIED/ORDER -- DATES: / / / / /
 HEARING ORDER OR FINAL ACTION DUE DATE: / / MANUAL TRACKING DESIRED: N

FEE PD DATE#1: 03/31/82 \$0020 RECEIPT#000033601 REFUND DATE: / / REFUND \$
 FEE PD DATE#2: / / \$ RECEIPT# REFUND DATE: / / REFUND \$
 APPL: ACTIVE/INACTIVE/DENIED/WITHDRAWN/TRANSFERRED/EXEMPT/ISSUED: AC DATE: 03/31/82
 REMARKS: UTM 463800 E; 3143800 N
 MODIFY EXISTING TANK 1054 (CONE ROOF) TO AN INTERNAL FLOATING ROOF TANK

*Went in paper
 Sentinel-Star: May 15, 82
 to send copy - David Fleming
 5/28/82*



CENTRAL FLORIDA PIPELINE CORPORATION
subsidiary of
GATX TERMINALS CORPORATION

1904 Hemlock Avenue
Tampa, FL 33605
813-248-8361

248-2148

March 29, 1982



Mr. Charles M. Collins, P. E.
State of Florida
Department of Environmental Regulation
Suite 232
3319 Maguire Boulevard
Orlando, FL 32803

Re: Permit A048-46569

Dear Mr. Collins:

Attached is an application to modify existing Tank 1054 (Cone Roof) to an internal floating roof tank by the addition of a Mayflower floating roof to the tank.

Also attached is Check No. 2559 in the amount of \$20.00 for processing fee.

Very truly yours,

CENTRAL FLORIDA PIPELINE CORPORATION

David O. Theung
Project Engineer

DOT/sg

Enclosures

AC 48-54122



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
APPLICATION TO ~~OPERATE~~/CONSTRUCT
AIR POLLUTION SOURCES

SOURCE TYPE: Petroleum Tank-Gasoline ☐ New¹ ☒ Existing¹
APPLICATION TYPE: ☐ Construction ☐ Operation ☒ Modification
COMPANY NAME: Central Florida Pipeline Corporation COUNTY: Orange
Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired) Existing Tank 1054 Cone Roof Petroleum Tank
SOURCE LOCATION: Street S. R. 527 & Vineland Road City Taft, FL 32809
UTM: East 463800 E North 3143800 N
Latitude 28 ° 25 ' 19 "N Longitude 81 ° 22 ' 01 "W
APPLICANT NAME AND TITLE: Central Florida Pipeline Corporation
APPLICANT ADDRESS: 120 South Riverside Plaza, Chicago, IL 60606

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative* of Central Florida Pipeline Corporation
I certify that the statements made in this application for a Modification permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: [Signature]
D. P. Schofield President
Name and Title (Please Type)
Date: 3/29/82 Telephone No. (312) 621-6200

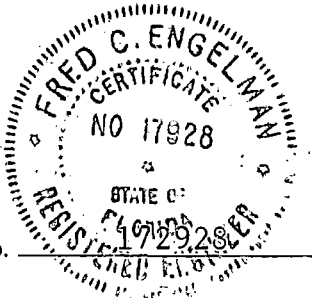
B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed: [Signature]
Fred C. Engelman, P. E.
Name (Please Type)

Consultant Engineer
Company Name (Please Type)
3208 Robson Circle, Tampa, FL 33614
Mailing Address (Please Type)
Date: 3/29/82 Telephone No. (813) 933-5082

(Affix Seal)



Florida Registration No. 17928

SECTION II: GENERAL PROJECT INFORMATION

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.
We propose to install an internal floating roof in an existing cone roof oil tank (68'Ø x 39'-2" Ht., 25,000 Bbl.) to be used for gasoline storage, max. true vapor pressure is 11.0 PSI, 570 mm Hg. Modification to operation will comply with all applicable regulations of Florida DER.
- B. Schedule of project covered in this application (Construction Permit Application Only)
 Start of Construction July 1, 1982 Completion of Construction February 2, 1983
- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)
One (1) 68 Ft. Dia. Internal Floating Roof - \$19,900
- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.
Subject tank is approved as a cone roof for Jet "A" service under Permit No. A048-46569. For other permits at location, see attached sheet.
- E. Is this application associated with or part of a Development of Regional Impact (DRI) pursuant to Chapter 380, Florida Statutes, and Chapter 22F-2, Florida Administrative Code? Yes ☒ No
- F. Normal equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ; if power plant, hrs/yr _____ ; if seasonal, describe: N/A
- G. If this is a new source or major modification, answer the following questions. (Yes or No)
- | | |
|---|------------|
| 1. Is this source in a non-attainment area for a particular pollutant? | <u>Yes</u> |
| a. If yes, has "offset" been applied? | <u>No</u> |
| b. If yes, has "Lowest Achievable Emission Rate" been applied? | <u>--</u> |
| c. If yes, list non-attainment pollutants. | |
| <hr/> | |
| 2. Does best available control technology (BACT) apply to this source? If yes, see Section VI. | <u>N/A</u> |
| 3. Does the State "Prevention of Significant Deterioration" (PSD) requirements apply to this source? If yes, see Sections VI and VII. | <u>No</u> |
| 4. Do "Standards of Performance for New Stationary Sources" (NSPS) apply to this source? | <u>Yes</u> |
| 5. Do "National Emission Standards for Hazardous Air Pollutants" (NESHAP) apply to this source? | <u>No</u> |
- Attach all supportive information related to any answer of "Yes". Attach any justification for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable: N/A

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): _____

2. Product Weight (lbs/hr): _____

C. Airborne Contaminants Emitted:

Name of Contaminant	Emission ¹		Allowed Emission ² Rate per Ch. 17-2, F.A.C.	Allowable ³ Emission lbs/hr	Potential Emission ⁴		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/hr	T/yr	
Hydrocarbon	0.127	0.555	NSPS Applies	There are			
				no criteria			
				for storage			
				tanks			

D. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles ⁵ Size Collected (in microns)	Basis for Efficiency (Sec. V, It ⁵)
Internal Floating	---	---		
Roof				

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g., Section 17-2.05(6) Table II, E. (1), F.A.C. – 0.1 pounds per million BTU heat input)

³Calculated from operating rate and applicable standard

⁴Emission, if source operated without control (See Section V, Item 3)

⁵If Applicable

E. Fuels N/A

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

*Units Natural Gas, MMCF/hr; Fuel Oils, barrels/hr; Coal, lbs/hr

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ BTU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating. Annual Average N/A Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: Thirty-eight (38') Ft. ft. Stack Diameter: 12" x 6" Vents around ft.
Tank Roof

Gas Flow Rate: _____ ACFM Gas Exit Temperature: _____ °F.

Water Vapor Content: _____ % Velocity: _____ FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

Type of Waste	Type O (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq & Gas By-prod.)	Type VI (Solid By-prod.)
Lbs/hr Incinerated							

Description of Waste _____

Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____

Approximate Number of Hours of Operation per day _____ days/week _____

Manufacturer _____

Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter _____ Stack Temp. _____

Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control device: ☐ Cyclone ☐ Wet Scrubber ☐ Afterburner ☐ Other (specify) _____

Brief description of operating characteristics of control devices: _____

N/A

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

N/A

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight — show derivation.
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, etc.).
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3, and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8½" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8½" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8½" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

9. An application fee of \$20, unless exempted by Section 17-4.05(3), F.A.C. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

- A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

☒ Yes ☐ No

Contaminant	Rate or Concentration
Hydrocarbon	N/A

- B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy) ☐ Yes ☐ No

Contaminant	Rate or Concentration
Hydrocarbon - Method being constructed meets LEAR	N/A

- C. What emission levels do you propose as best available control technology? N/A

Contaminant	Rate or Concentration

- D. Describe the existing control and treatment technology (if any).

1. Control Device/System: Internal Floating Roof with Seals

2. Operating Principles: Seal-off

3. Efficiency: --

4. Capital Costs: \$19,900

5. Useful Life: 10 Years

6. Operating Costs: -0-

7. Energy: --

8. Maintenance Cost: \$1,500/Year

9. Emissions: N/A

Contaminant	Rate or Concentration

* Explain method of determining D 3 above.

10. Stack Parameters N/A

- | | | | |
|---------------|------|-----------------|-----|
| a. Height: | ft. | b. Diameter: | ft. |
| c. Flow Rate: | ACFM | d. Temperature: | °F |
| e. Velocity: | FPS | | |

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device: Internal Floating Roof with Seals
- b. Operating Principles: Internal Seal-off
- c. Efficiency*: --
- d. Capital Cost:
- e. Useful Life: 10 Years
- f. Operating Cost: --
- g. Energy*: N/A
- h. Maintenance Cost: \$1,500/Year
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes: N/A
- k. Ability to construct with control device, install in available space, and operate within proposed levels: N/A

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy**:
- h. Maintenance Costs:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

*Explain method of determining efficiency.

**Energy to be reported in units of electrical power — KWH design rate.

3.

- a. Control Device: ---
- b. Operating Principles:
- c. Efficiency*:
- d. Capital Cost:
- e. Life:
- f. Operating Cost:
- g. Energy:
- h. Maintenance Cost:

*Explain method of determining efficiency above.

- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space and operate within proposed levels:

4.

a. Control Device ---

b. Operating Principles:

c. Efficiency*:

d. Capital Cost:

e. Life:

f. Operating Cost:

g. Energy:

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected: N/A

1. Control Device:

2. Efficiency*:

3. Capital Cost:

4. Life:

5. Operating Cost:

6. Energy:

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a.

(1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

*Explain method of determining efficiency above.

(7) Emissions*:

Contaminant

Rate or Concentration

(8) Process Rate*:

b.

(1) Company:

(2) Mailing Address:

(3) City:

(4) State:

*Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions*:

Contaminant

Rate or Concentration

(8) Process Rate*:

10. Reason for selection and description of systems:

Economy, useful life, effieiecy

*Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

11

DEPARTMENT OF ENVIRONMENTAL REGULATION PERMITS

Taft, FL Terminal

Permit No.

A048-2492	Tank #2
A048-2493	Tank #3
A048-4835	Tank #25-1
A048-19085	Tank #9
A048-27686	Tank #37-4
A048-32515	Tank #40-1
A048-46569	Tank Nos. 1054, 1061 and 37-3 1055, 1062 4 1059 37-1 5 1060 37-2 6
AC48-43323	Tank #80-1
AC48-35646	Tank #80-2
A048-46573	Five (5) Tank Truck Loading Racks
AC48-45931	New (1981) Tank Truck Loading Rack
AC48-45792	Tank Nos. 1051, 1052, 1053, 1056 and 1057 (Being modified w/Secondary Seals)

EVAPORATION LOSSES

TANK 1054

Internal Floating Roof

(Calculated in accordance with AP-42)

BREATHING LOSS, 'L_S'

$$L_S = \text{LOSSES IN POUNDS/YEAR} = K_S \cdot V^N \cdot P \cdot D \cdot M_V \cdot K_C$$

where: $K_S = 0.7$ (constant)

$V = \text{Wind Velocity} = 8.7 \text{ mi./hr.}$

$N = 0.4$ (constant)

$P = \text{Pressure equation} = 0.14$

$$= \frac{\left(\frac{P_v}{P_a}\right)}{\left[1 + \left(1 - \frac{P_v}{P_a}\right)^5\right]^2} = \frac{\left(\frac{6.2}{14.7}\right)}{\left[1 + \left(1 - \frac{6.2}{14.7}\right)^5\right]^2} = 0.14$$

$D = \text{DIA. IN FT.} = 68 \text{ FT.}$

$M_V = \text{Molecular Weight at Average Vapor Pressure} = 66$

$K_C = 1.0$

WORKING LOSSES, 'L_W'

$$L_W = \text{LOSSES IN POUNDS/YEAR} = 0.943 \cdot Q \cdot C \cdot W_1 \div D$$

where: $Q = \text{Average thruput} = 616,000 \text{ Bbl./YEAR}$

$C = \text{Shell Clingage} = 0.0015$ (For light rust)

$W_1 = \text{Density of product} = 5.0 \text{ lbs./gallon}$

$D = \text{Dia. IN FT.} = 68 \text{ FT.}$

$$L_S = K_S \cdot V^N \cdot P \cdot D \cdot M_V \cdot K_C = (0.7)(8.7)^{0.4}(0.14)(68)(66)(1.0) = 1044.93 \text{ lbs./yr.}$$

$$L_W = (0.943) \cdot Q \cdot C \cdot W_1 \div D = (0.943)(616,000)(.0015)(5) \div (68) = \frac{64.07 \text{ lbs/yr.}}{1109.00 \text{ lbs/YR.}}$$

TNK. 1054 (I.F.R)

$$\text{TOTAL LOSSES} = 1109.00 \text{ POUNDS/YEAR}$$

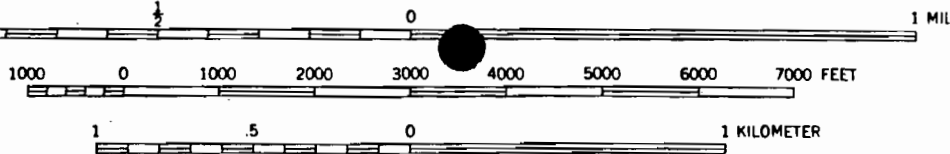
$$= 0.555 \text{ TONS/YEAR}$$

$$= 0.127 \text{ POUNDS/HOUR}$$

PINE CASTLE, FLA.
N2822.5-W8115/7.5

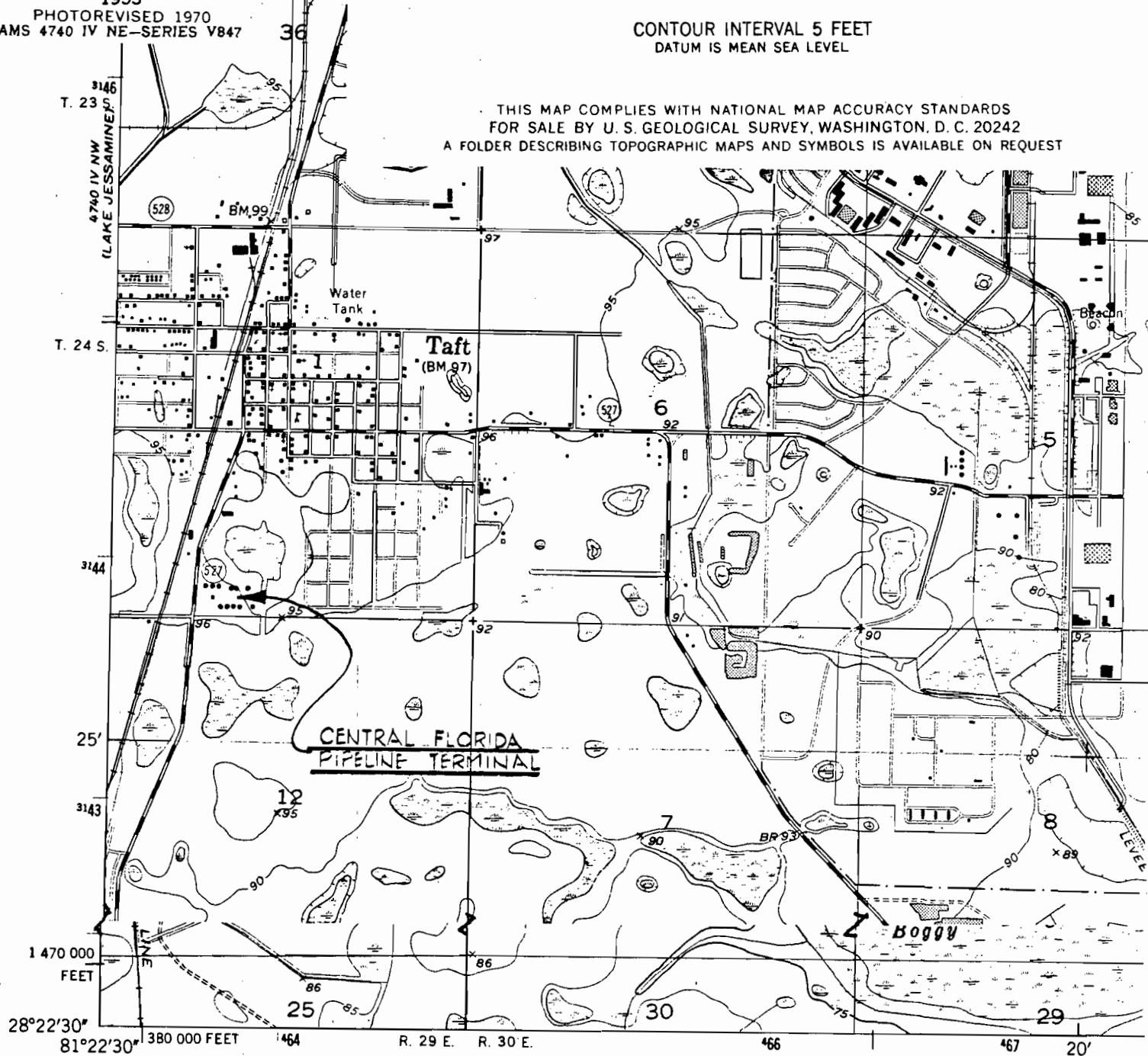
1953
PHOTOREVISED 1970
AMS 4740 IV NE-SERIES V847

BEST AVAILABLE COPY SCALE 1:24000



CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



(KISSIMMEE)
4740 IV SW

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and USCE

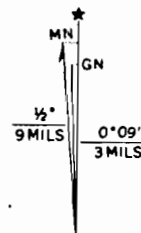
Culture and drainage in part compiled by U. S. Corps of Engineers
from aerial photographs taken 1950. Topography by plane-table
surveys 1953

Polyconic projection. 1927 North American datum
10,000-foot grid based on Florida coordinate system,
east zone

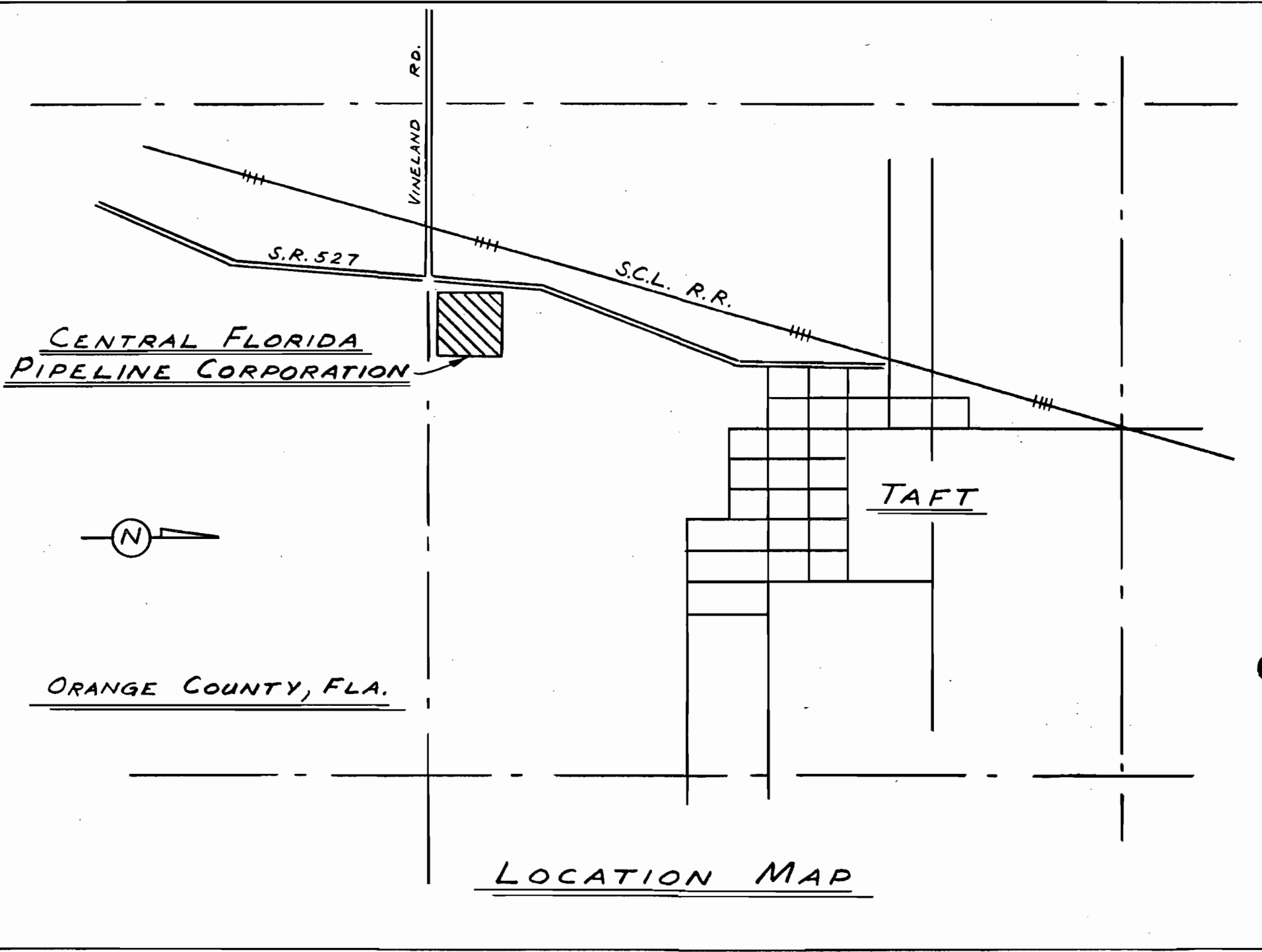
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

Revisions shown in purple compiled from aerial photographs
taken 1970. This information not field checked

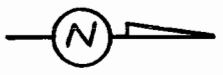
Purple tint indicates extension of urban areas



UTM GRID AND 1970 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



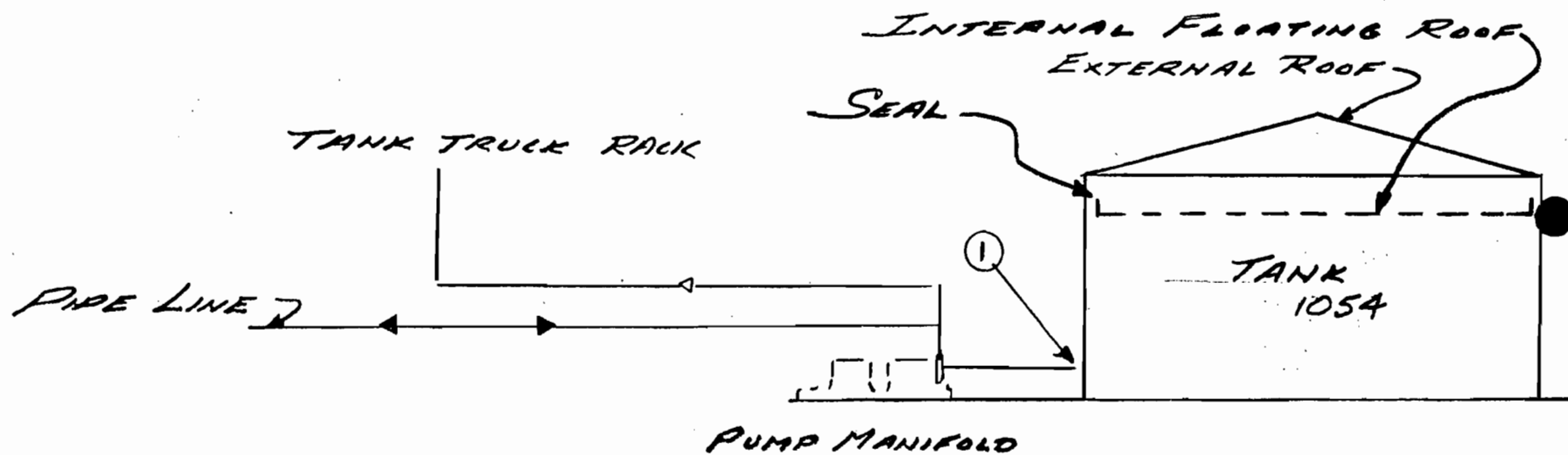
CENTRAL FLORIDA
PIPELINE CORPORATION



ORANGE COUNTY, FLA.

TAFT

LOCATION MAP



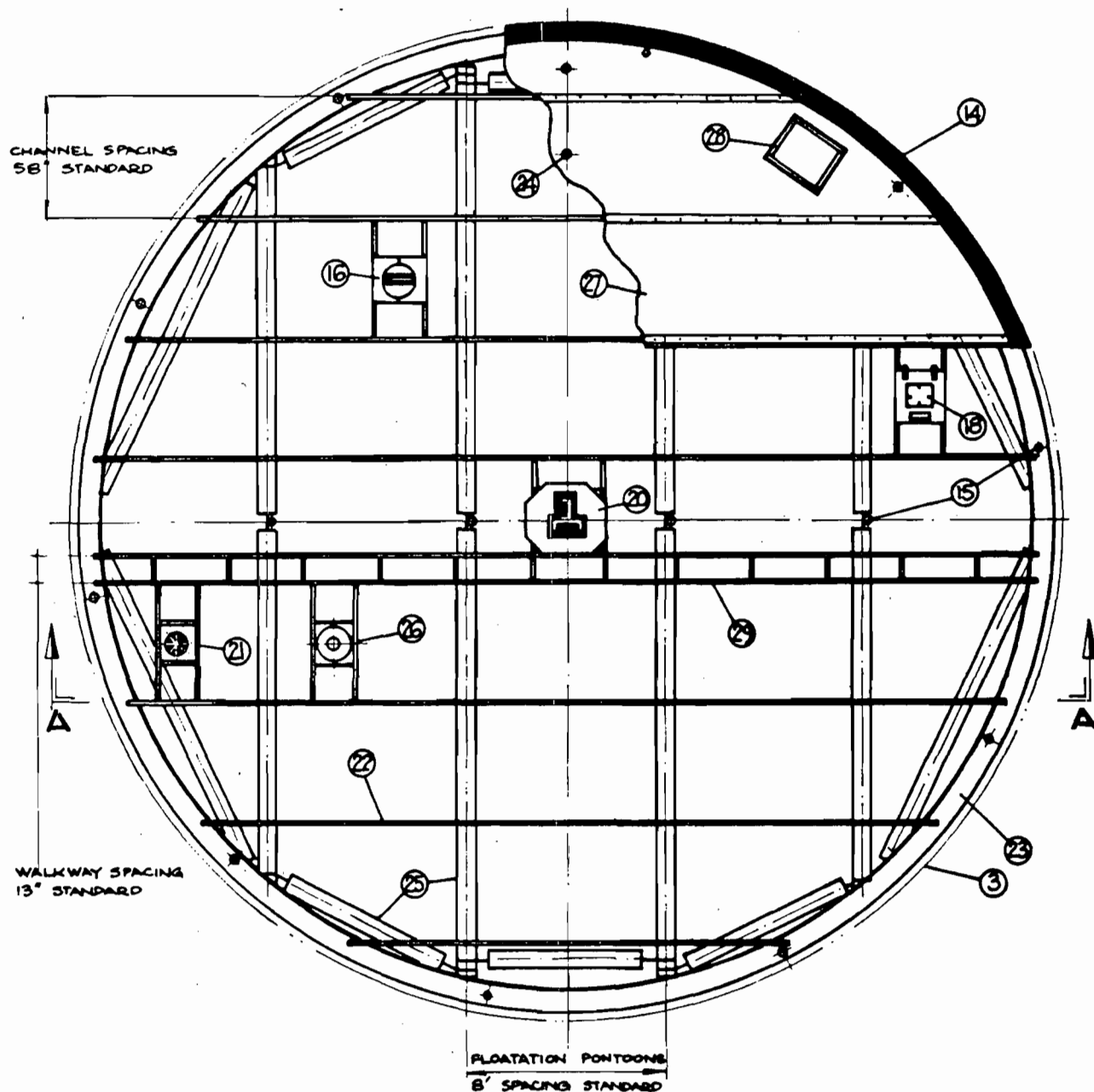
FLOW DIAGRAM

① INDICATES PRODUCT EXIT OR ENTRANCE POINT

Mayflower
VAPOR SEAL CORPORATION

DESIGN DETAILS
MAYFLOWER VAPOR SEAL
PARTS & ACCESSORIES

16 Industrial Avenue • Little Ferry, New Jersey 07643
phone N. J. (201) 641-0200 • N. Y. (212) CHickering 4-6144

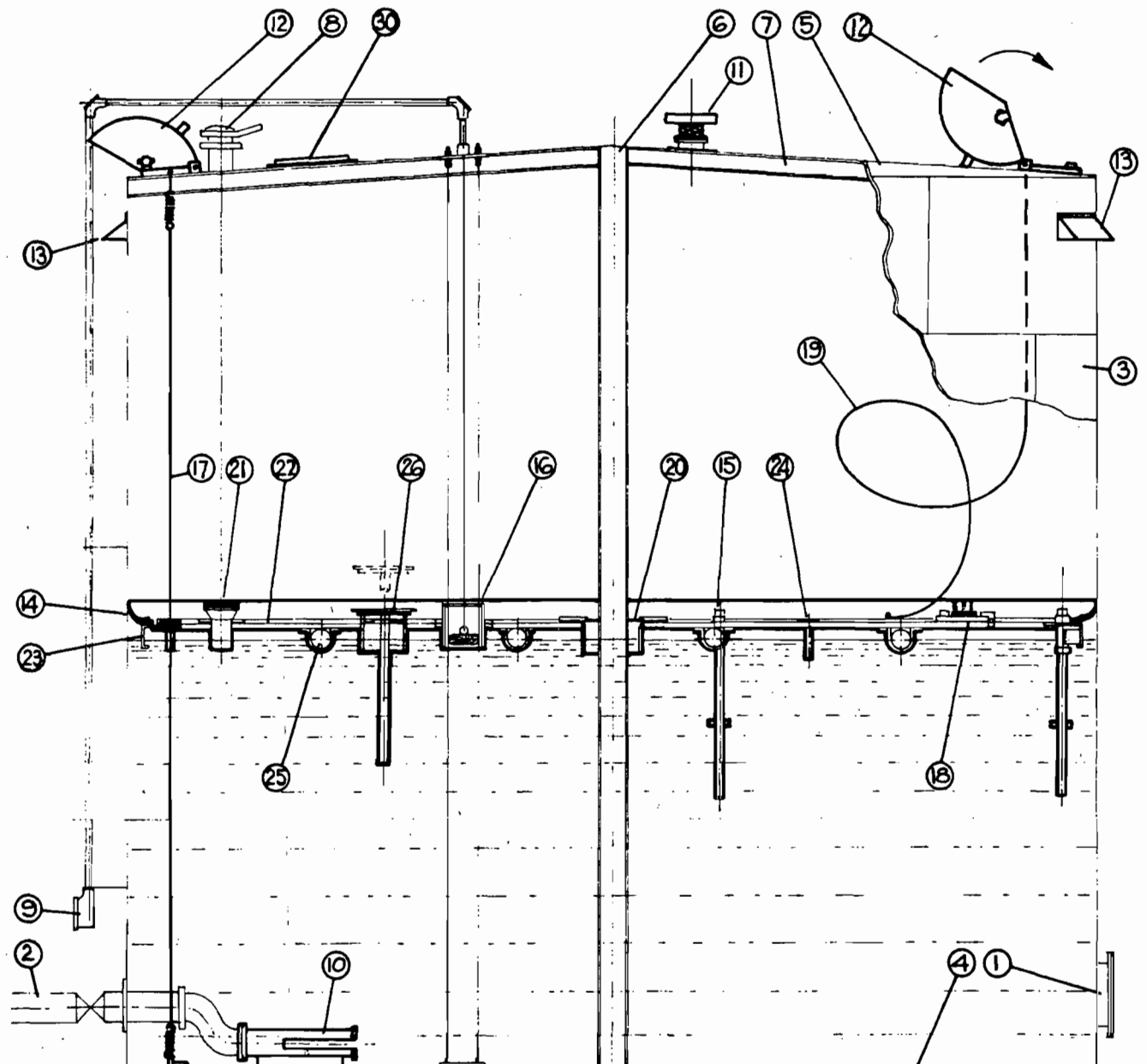


③	TANK SHELL		②③	PERIMETER SEGMENTS	P.3
④	PERIPHERAL WIPER SEAL	P.7	②④	DRAIN PIPES	P.6
⑤	TOP ADJUSTABLE LEGS	P.3	②⑤	FLOATION PONTOONS	P.3
⑥	FLOATWELL ASSEMBLY	P.9	②⑥	BLEEDER VENT ASSEMBLY	P.11
⑧	HATCHWAY-PRESSURE/VACUUM RELIEF	P.6	②⑦	SHEETING	P.5
⑩	COLUMN SEAL ASSEMBLY	P.8	②⑧	LADDER PAD	P.13
⑪	SAMPLING FUNNEL ASSEMBLY	P.10	②⑨	WALKWAY	P.1
⑫	CHANNELS	P.4			

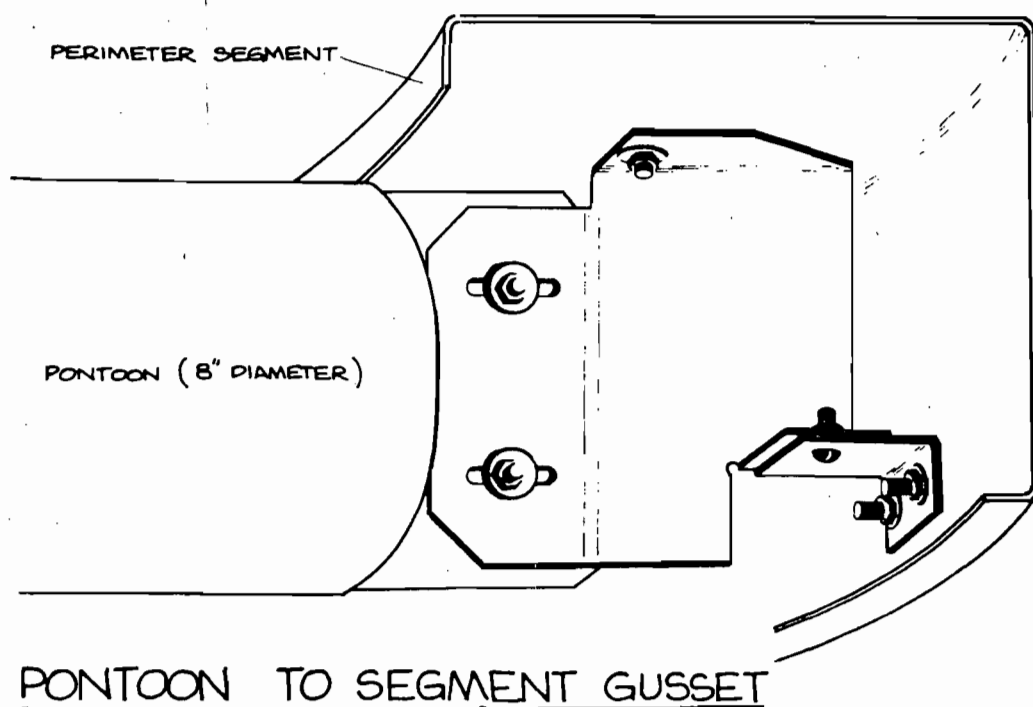
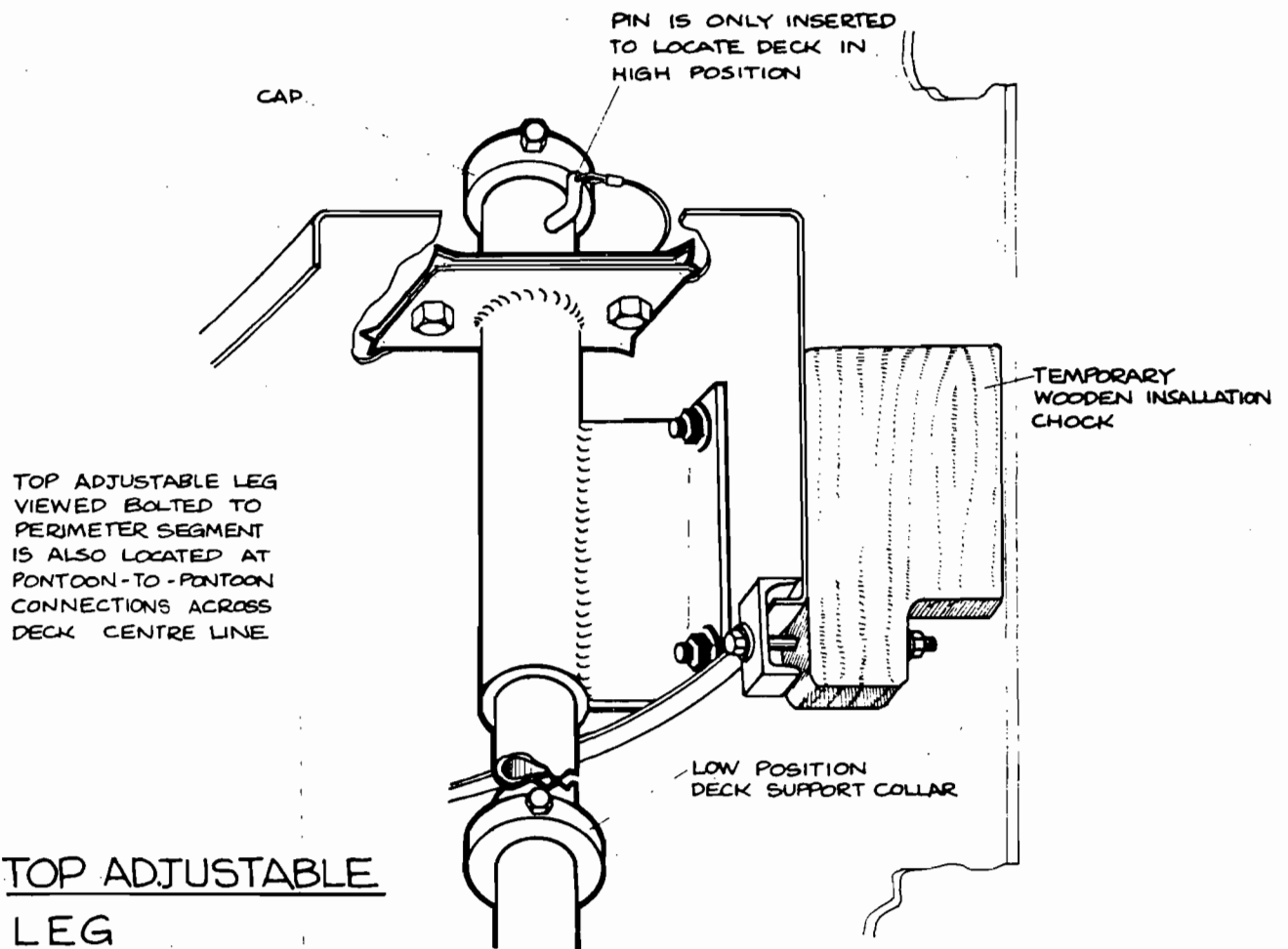
REFER TO PAGE 2 FOR SECTION A - A

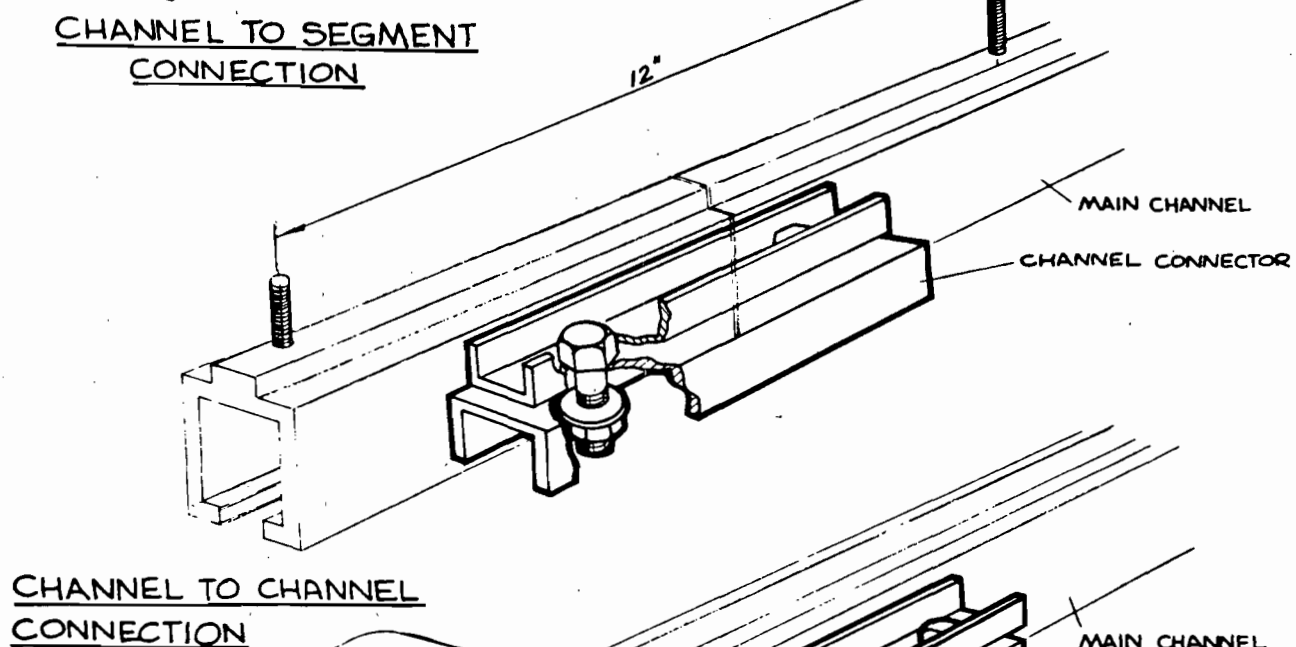
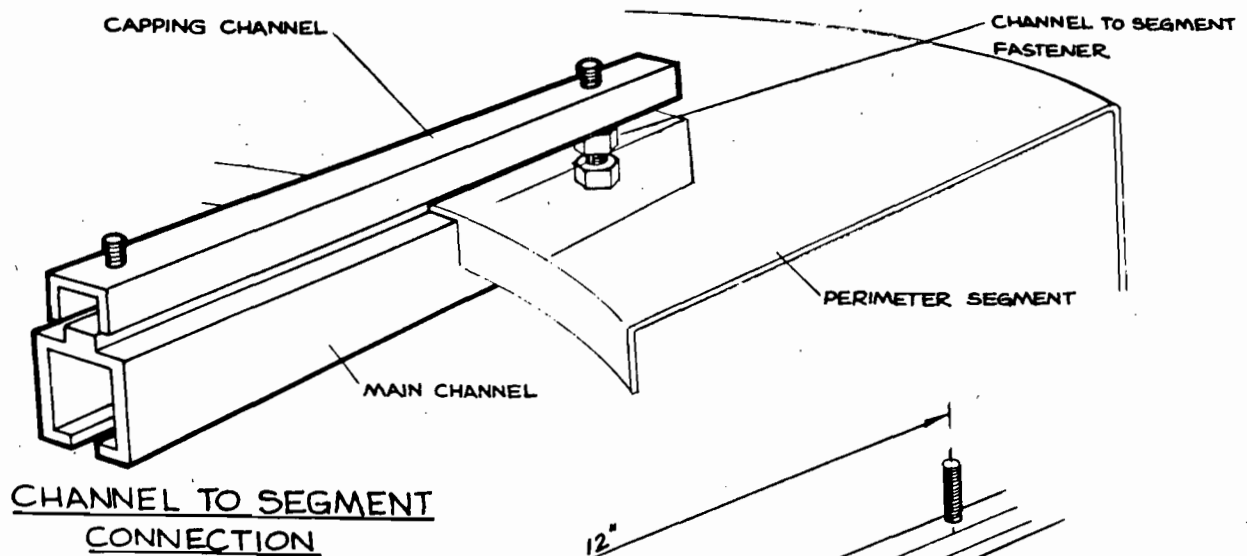
MAYFLOWER VAPOR SEAL
TYPICAL ELEVATION VIEW OF 40 FT. DIA.
SECTION A - A

DWG.NO. MVS 101-1276

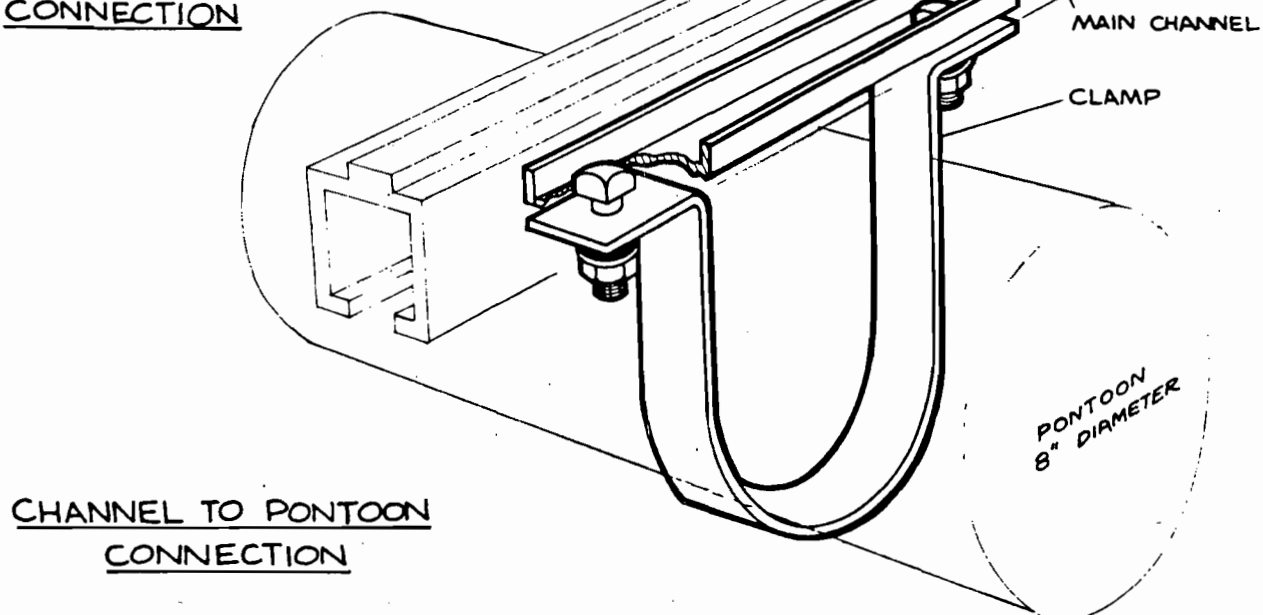


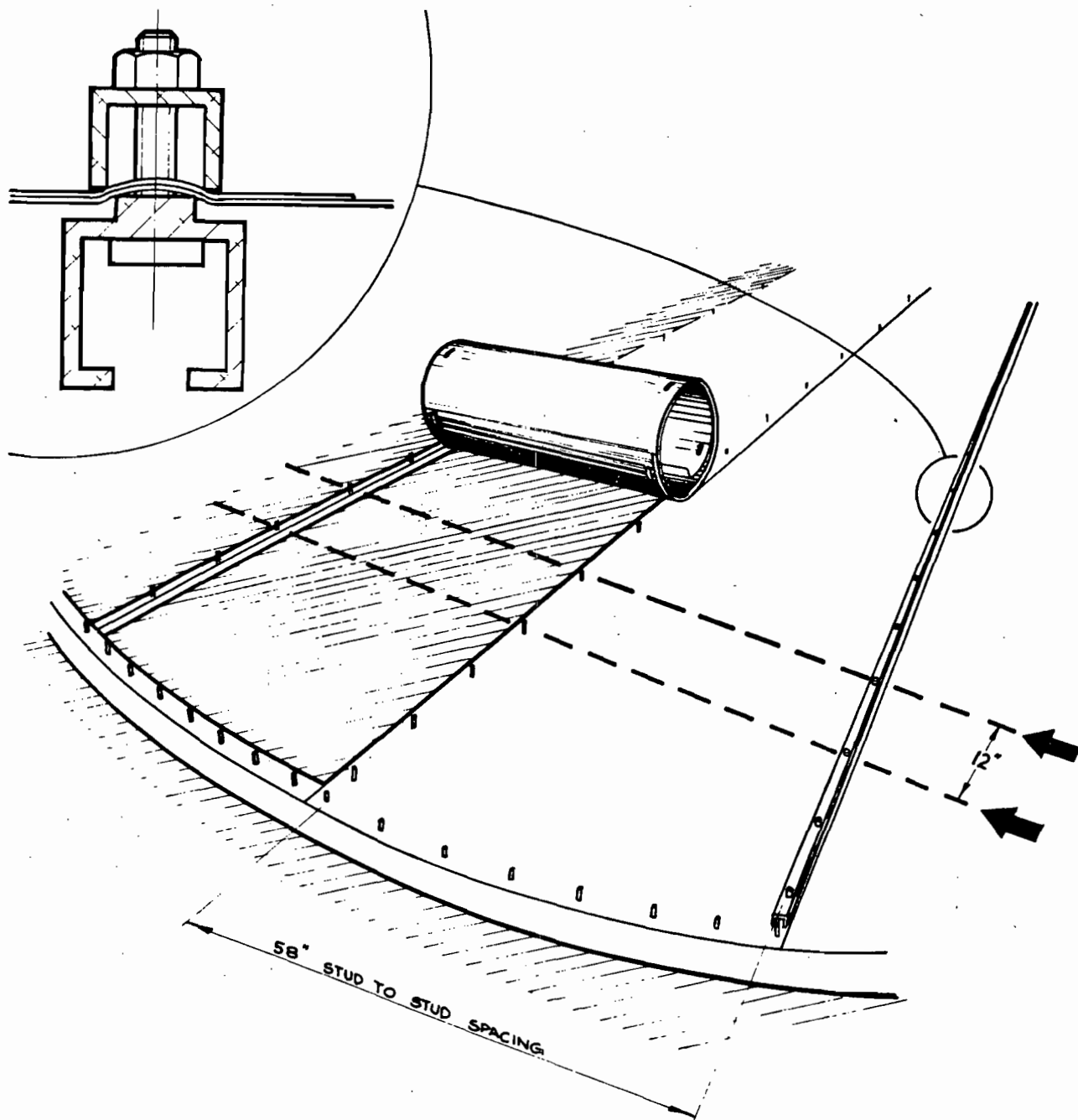
- | | | | |
|---|---------------------------------|-------|-------|
| ① | TANK MANHOLE | | |
| ② | TANK FILL-LINE | | |
| ③ | TANK SHELL | | |
| ④ | TANK FLOOR | | |
| ⑤ | TANK CONE ROOF | | |
| ⑥ | TANK ROOF SUPPORT COLUMN | | |
| ⑦ | TANK ROOF RAFTER | | |
| ⑧ | TANK GAUGE HATCH | | |
| ⑨ | TANK AUTOMATIC TANK GAUGE | | |
| ⑩ | FILL-LINE DIFFUSER | P. 16 | |
| ⑪ | MUSHROOM VENT | P. 15 | |
| ⑫ | AIR SCOOP VENT | P. 14 | |
| ⑬ | OVERFLOW VENT | P. 14 | |
| ⑭ | PERIPHERAL WIPER SEAL | P. 7 | |
| ⑮ | TOP ADJUSTABLE LEGS | | P. 3 |
| ⑯ | FLOATWELL ASSEMBLY | | P. 9 |
| ⑰ | ANTI-ROTATION CABLE (2) | | P. 17 |
| ⑱ | HATCHWAY PRESSURE/VACUUM RELIEF | | P. 6 |
| ⑲ | ANTI-STATIC CABLE (4) | | P. 2 |
| ⑳ | COLUMN SEAL ASSEMBLY | | P. 8 |
| ㉑ | SAMPLING FUNNEL ASSEMBLY | | P. 10 |
| ㉒ | CHANNELS | | P. 4 |
| ㉓ | PERIMETER SEGMENTS | | P. 3 |
| ㉔ | DRAIN PIPE | | P. 6 |
| ㉕ | FLOATATION PONTOONS | | P. 3 |
| ㉖ | BLEEDER VENT ASSEMBLY | | P. 11 |
| ㉗ | ROOF MANWAY | | P. 18 |





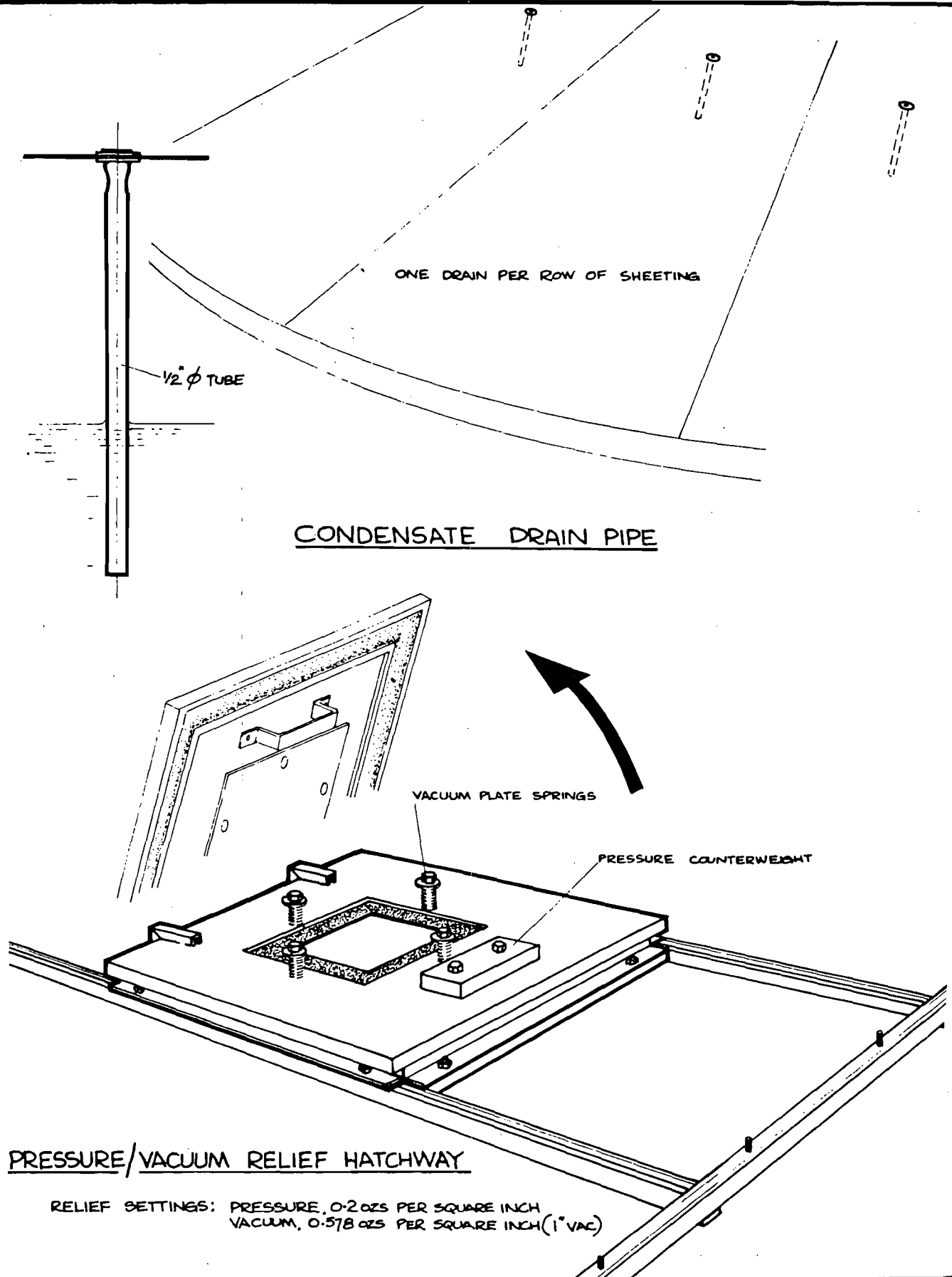
CHANNEL TO CHANNEL CONNECTION

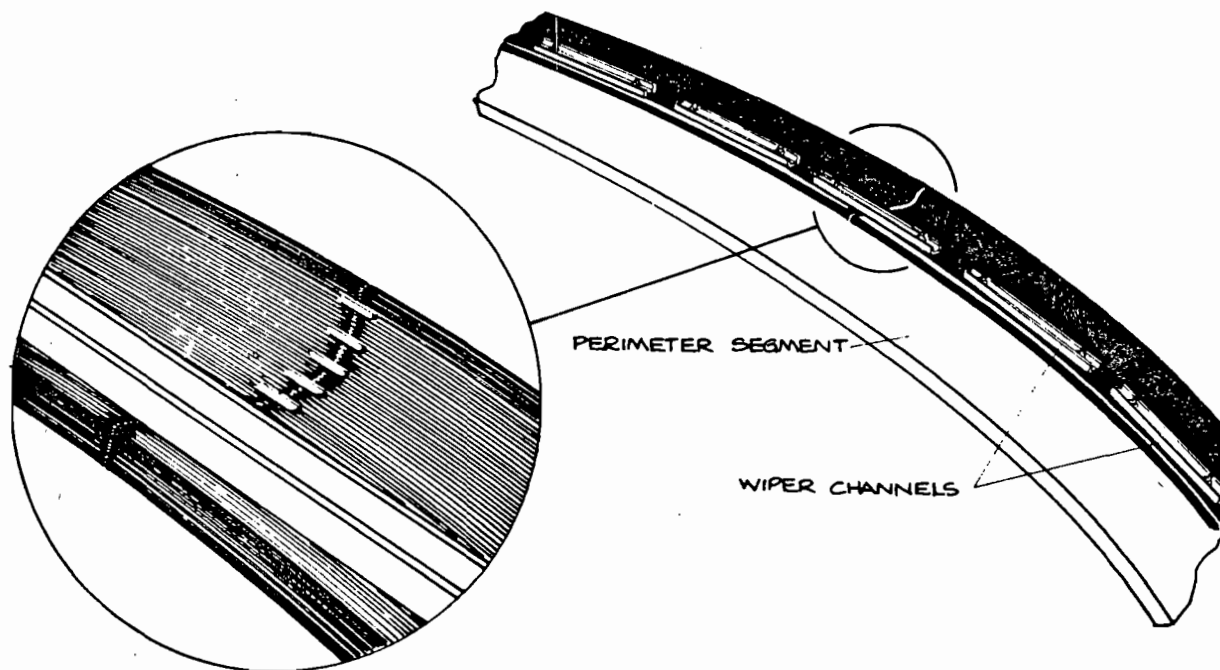
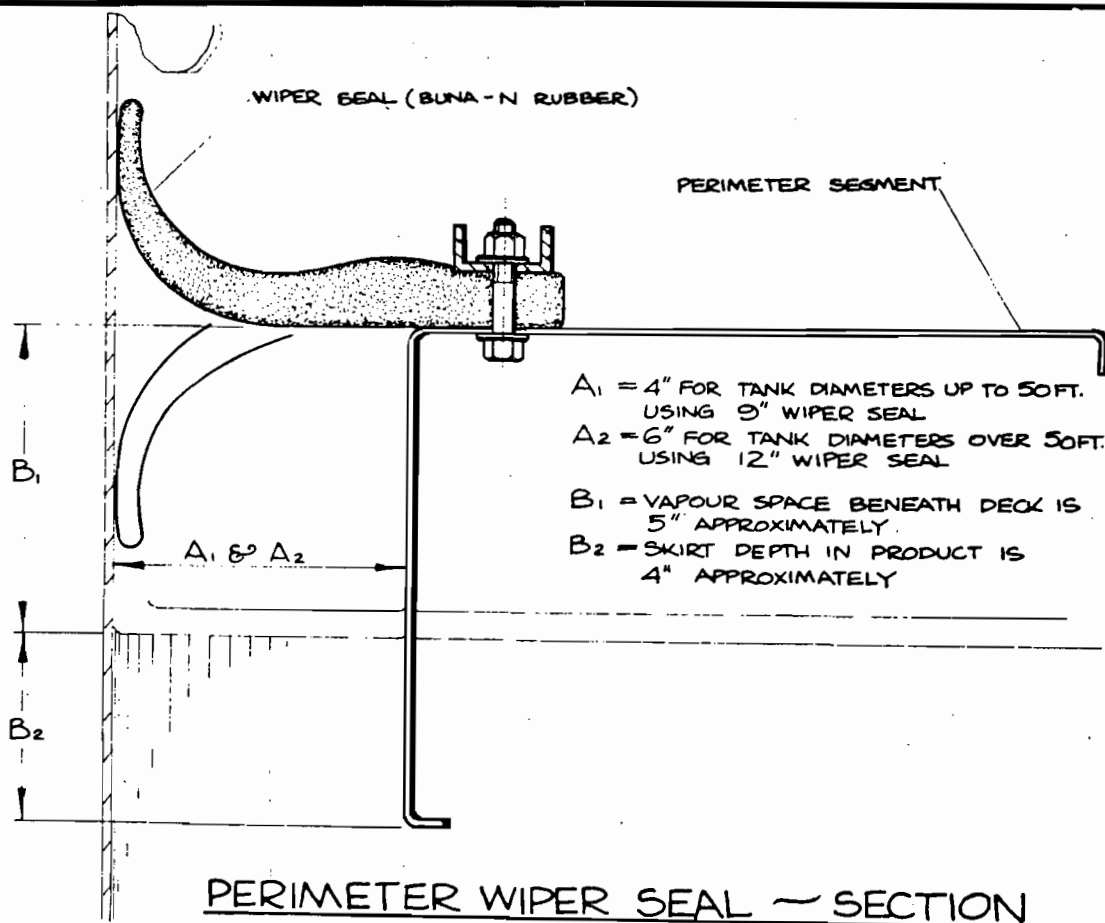


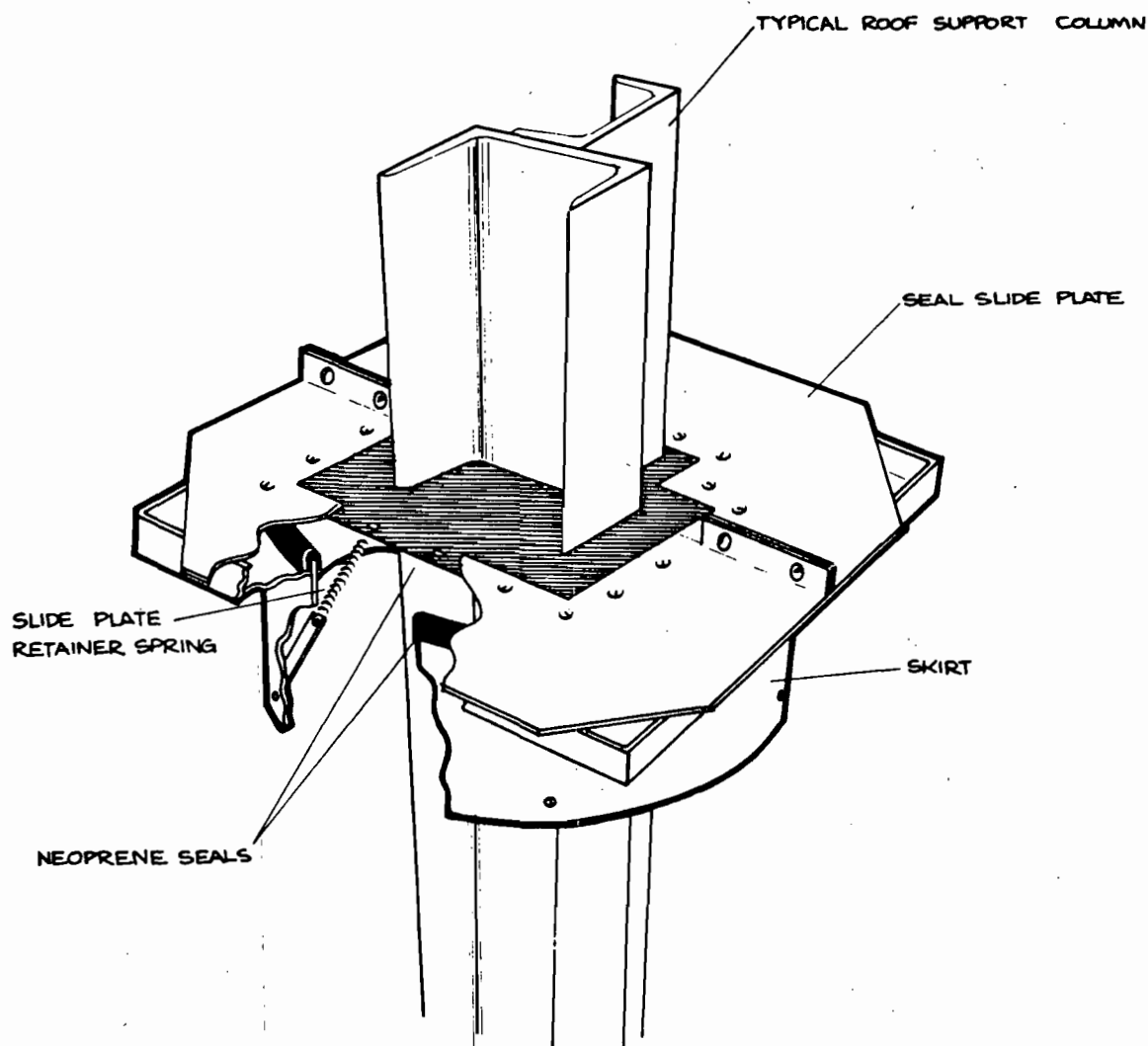


CENTRING OF CHANNELS (58") AND ACCURATE BOLT
ALIGNMENT (12") ACROSS ENTIRE SURFACE OF DECK
IS MOST IMPORTANT TO PERMIT QUICK INSTALLATION
OF THE SHEETING

SHEETING & CHANNELS



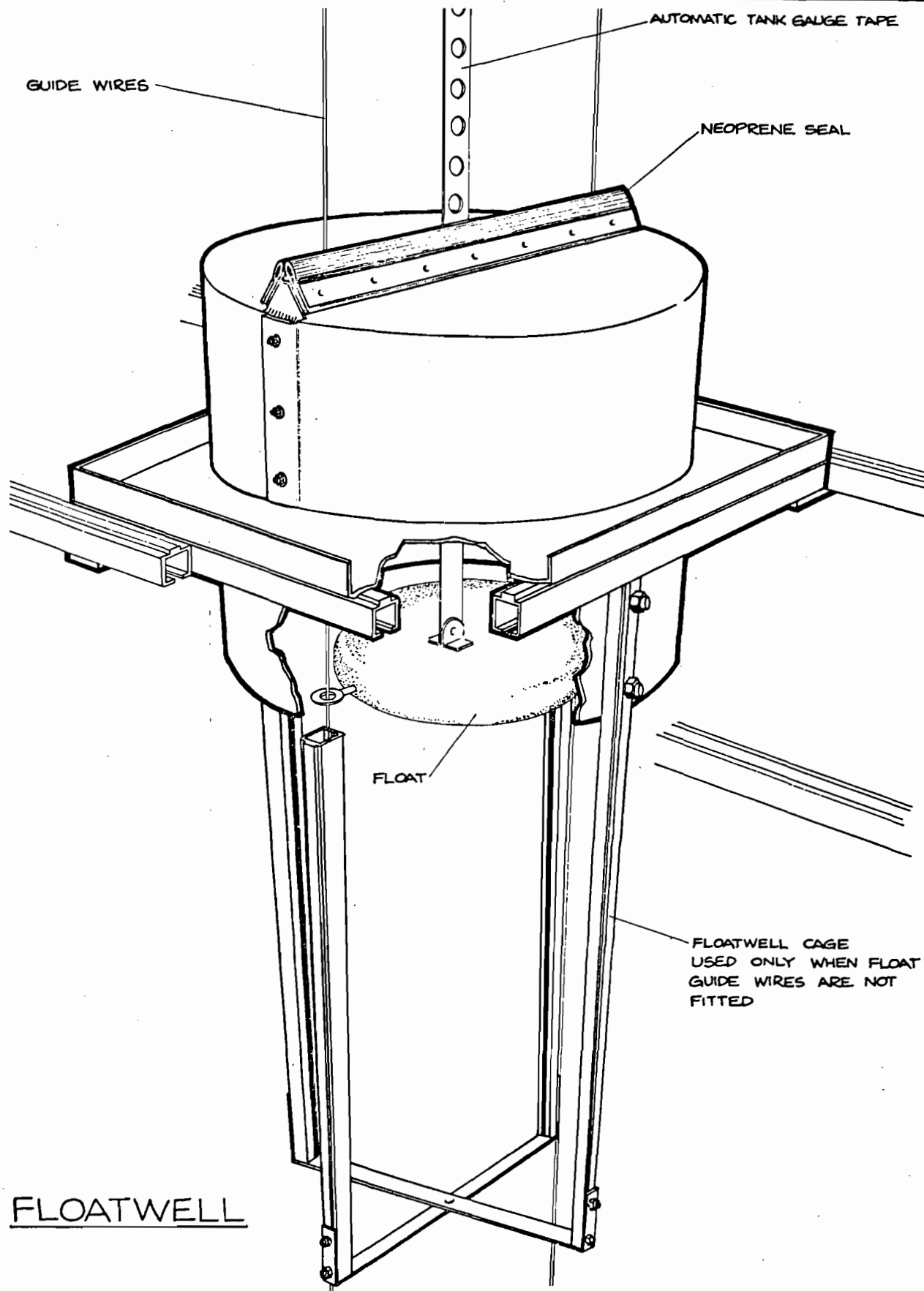




THE NOMINAL COLUMN SIZE IS THE MAXIMUM CROSS SECTION DIMENSION OF THE COLUMN CONFIGURATION, THE SKIRT DIAMETER BEING 12" GREATER.

COLUMN SEAL NUMBER	SKIRT SIZE	COLUMN NOMINAL SIZE
CS - 001	20" (001)	8" Section
CS - 002	25" (006)	13" "
CS - 003	28" (009)	16" "
CS - 004	31" (012)	19" "

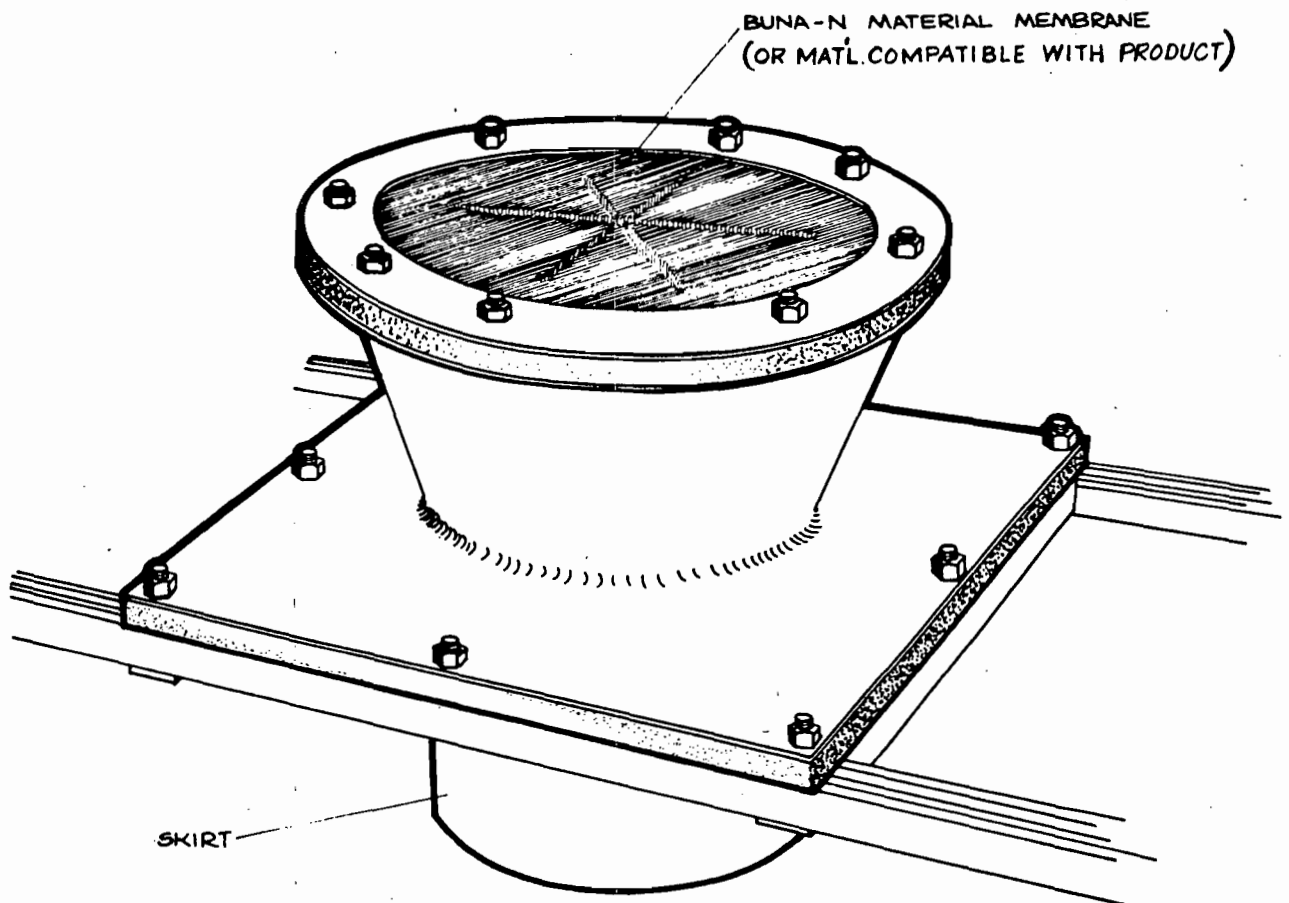
COLUMN SEAL



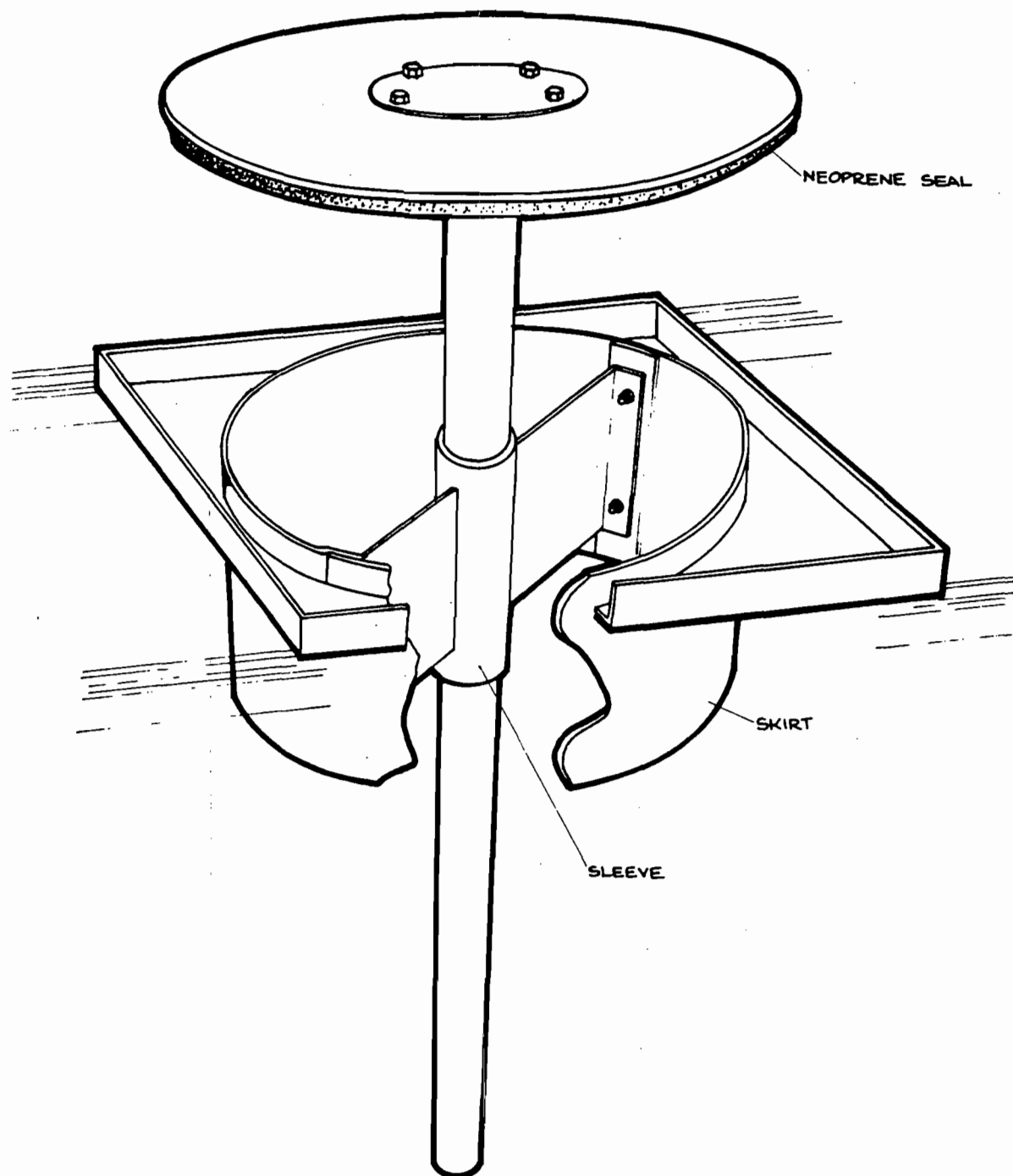
FLOATWELL

MAYFLOWER VAPOR SEAL ACCESSORY
GAUGING/SAMPLING FUNNEL

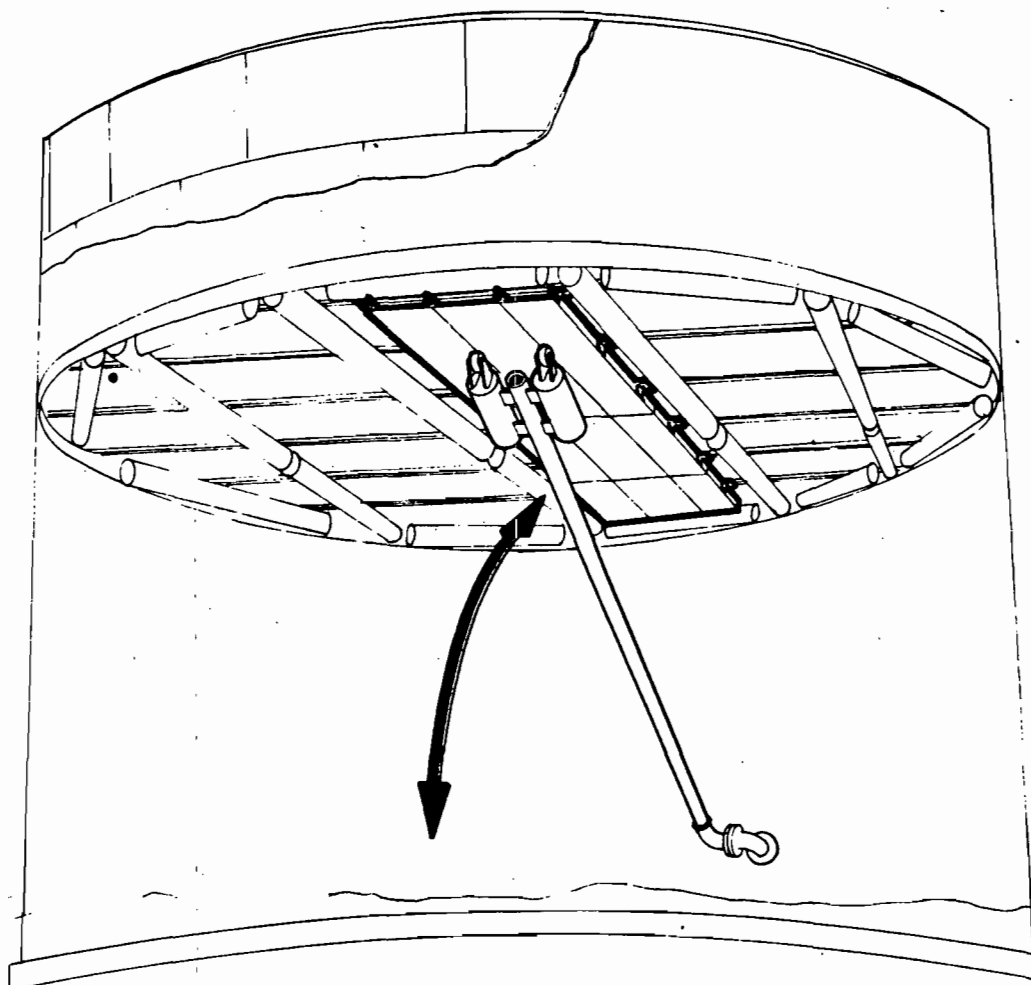
DWG. NO. MVS 109-1276



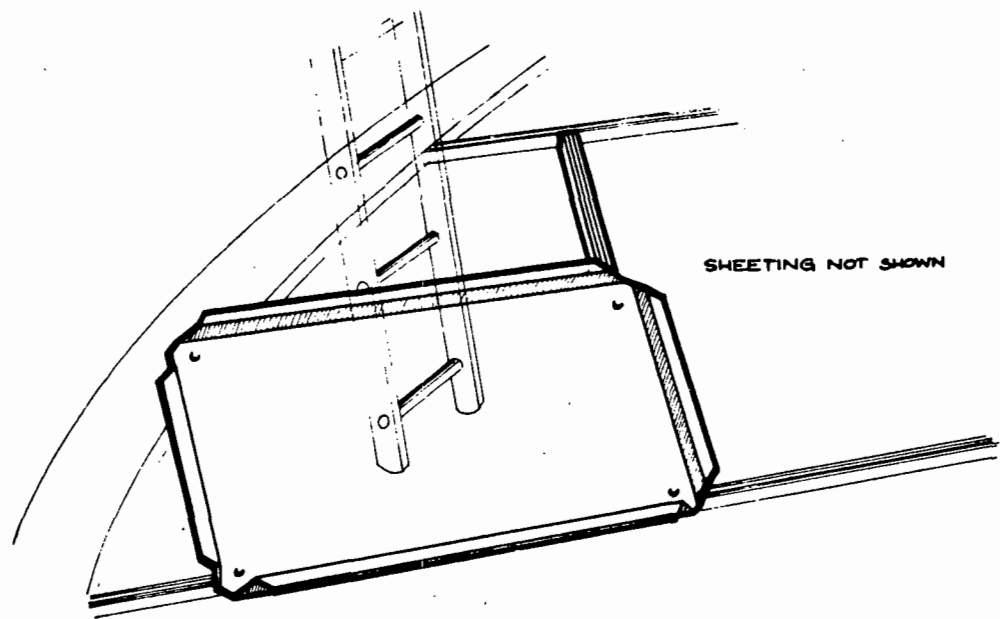
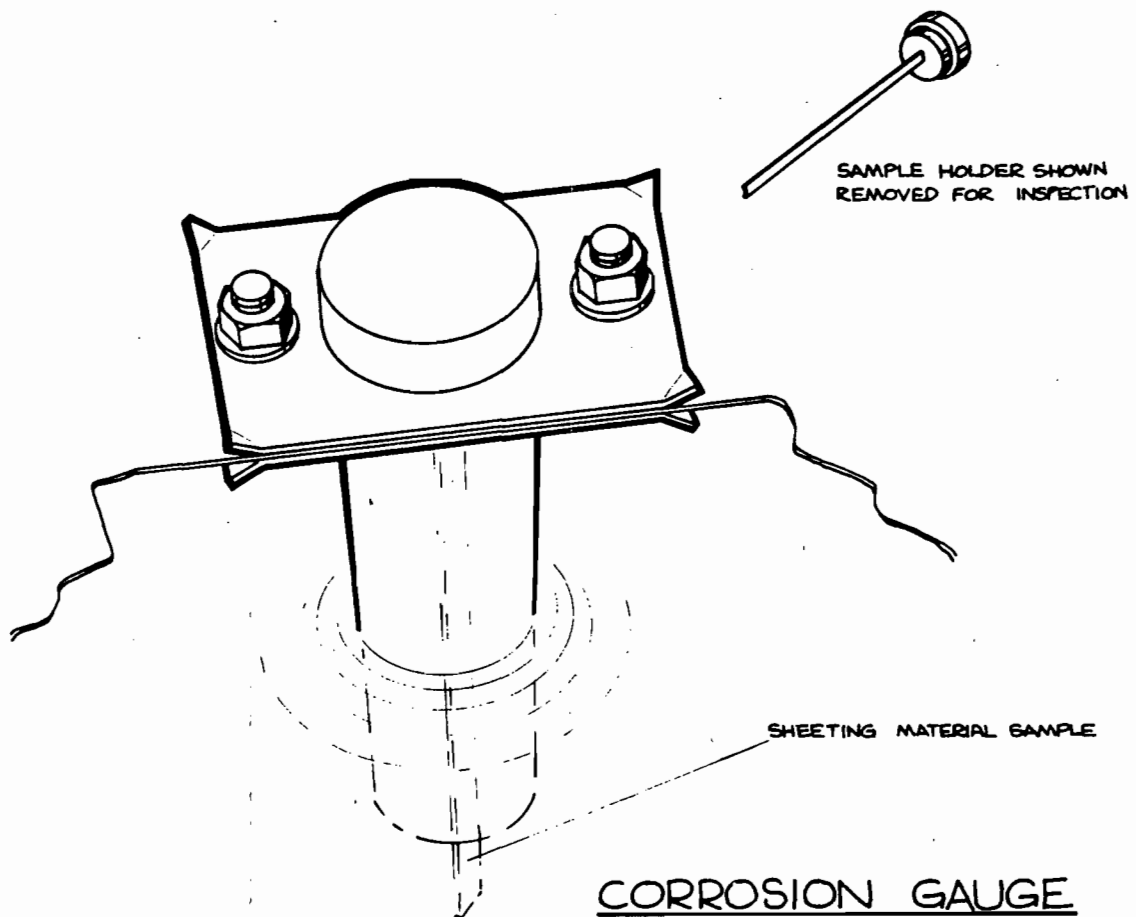
GAUGING / SAMPLING FUNNEL



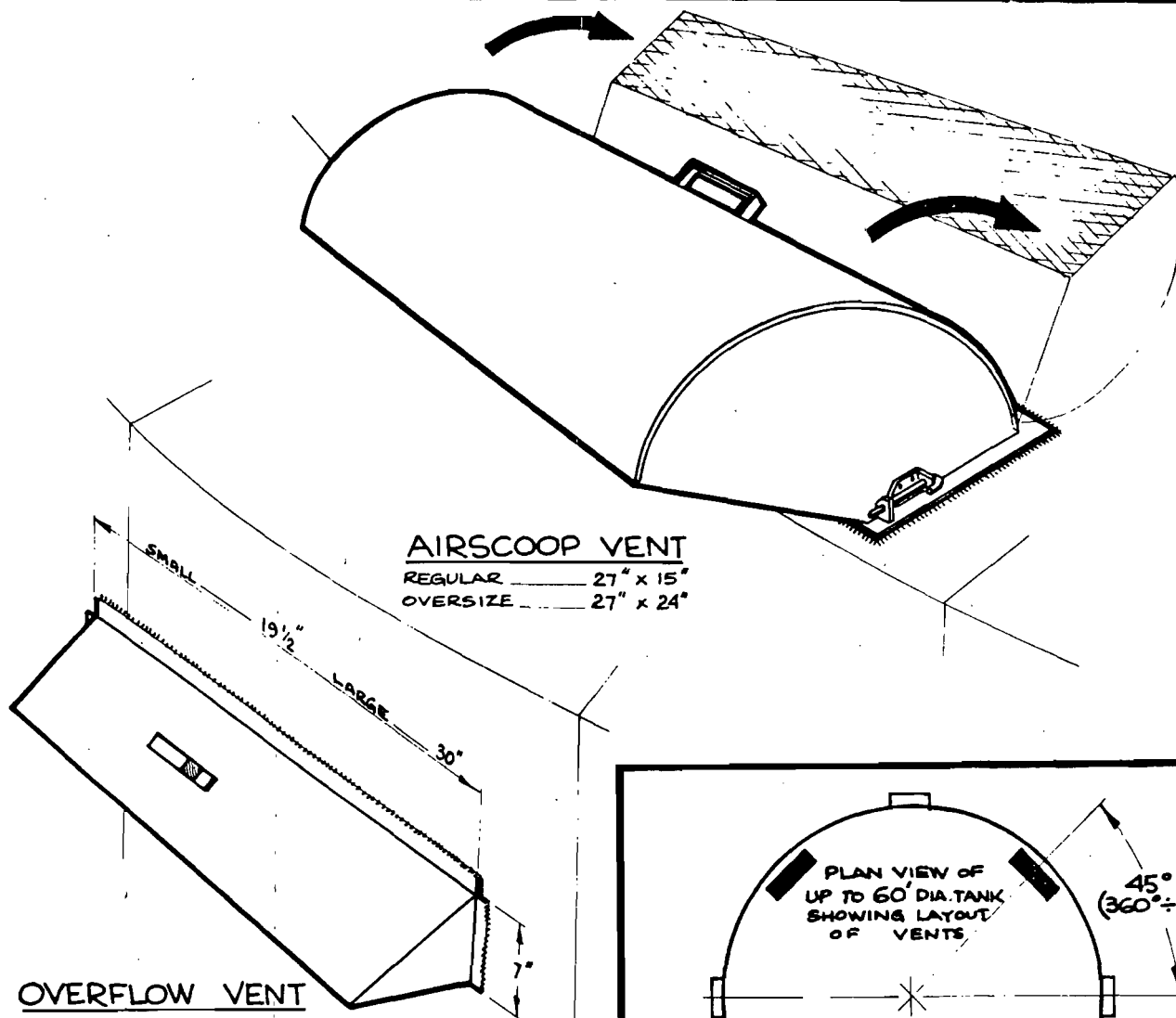
BLEEDER VENT



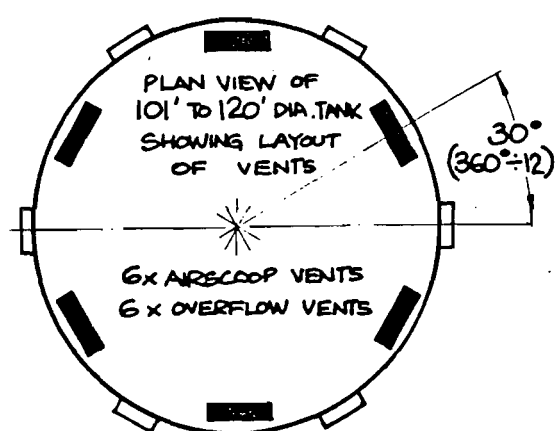
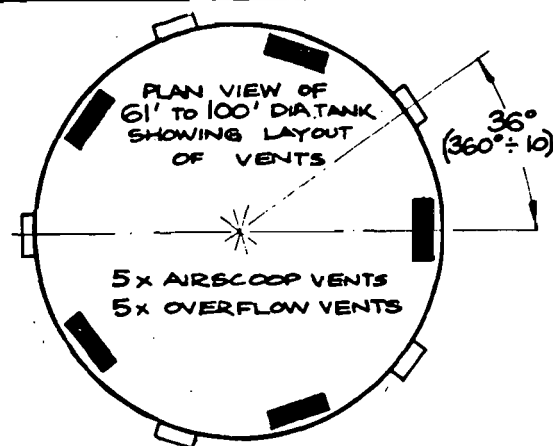
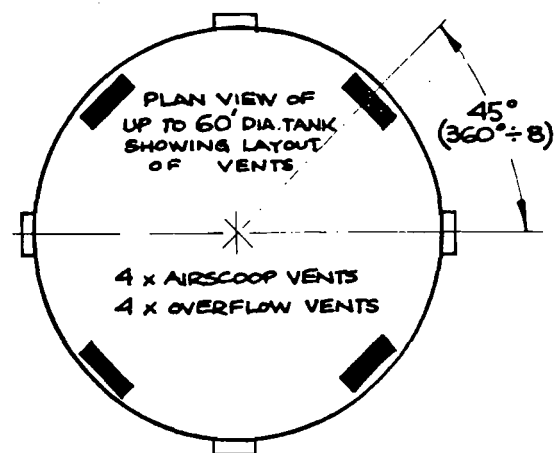
SWINGLINE TRACK ASSEMBLY
FOR FLOATING SUCTION LINE

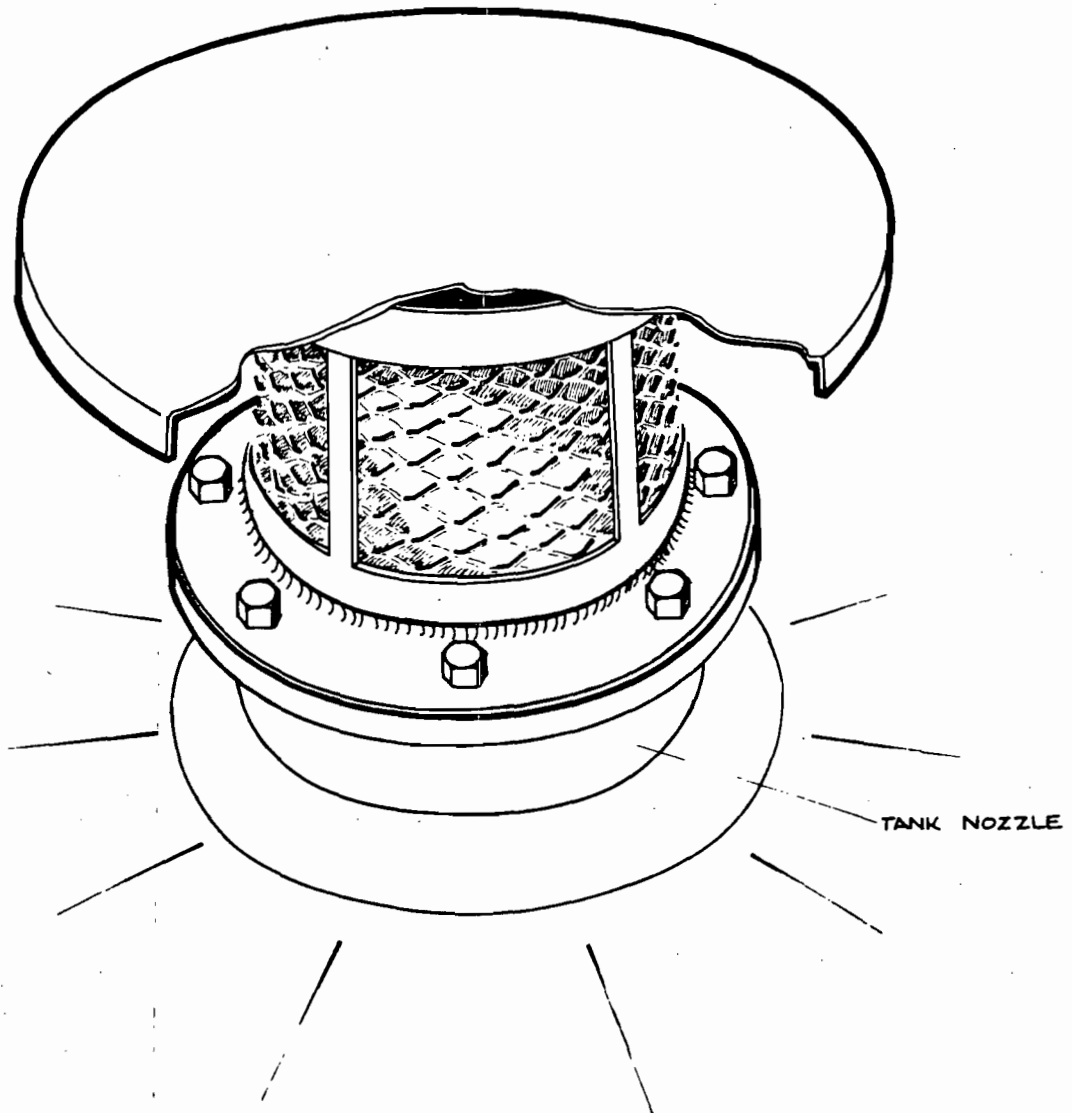


LADDER PAD



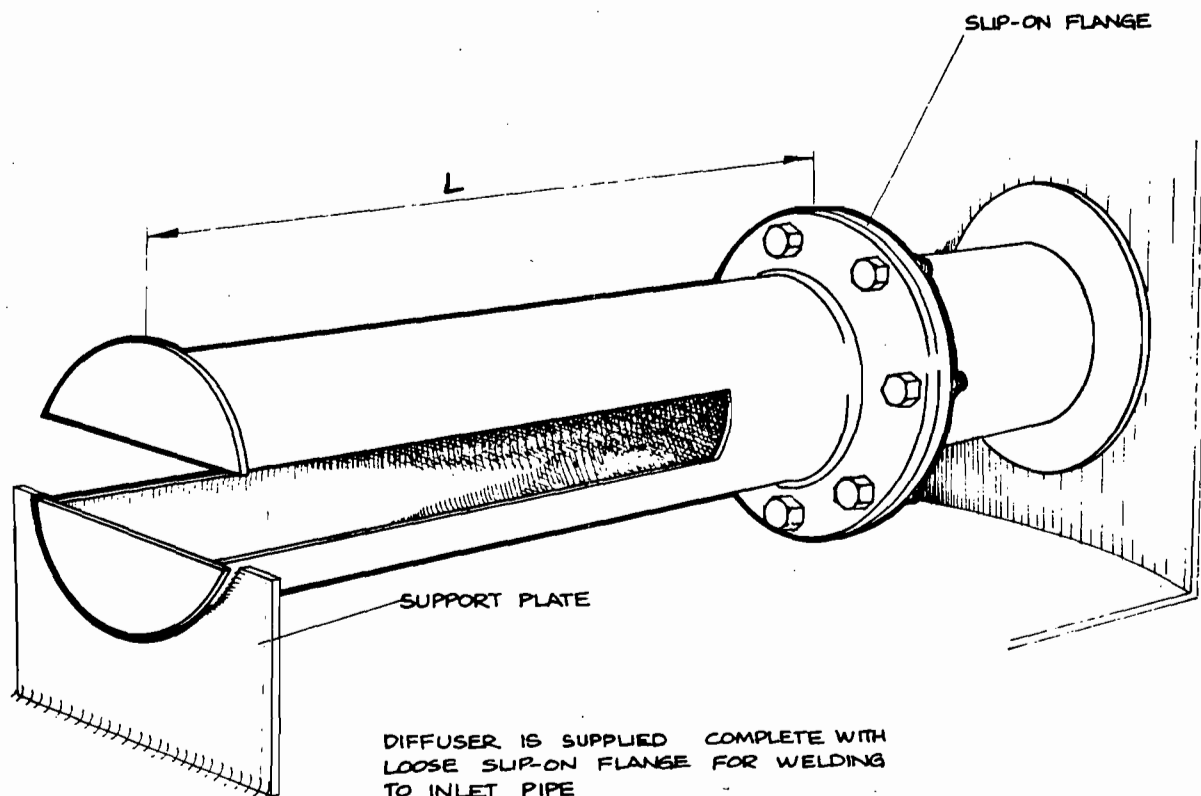
USE ONE OVERSIZE AIRSCOOP VENT ON EACH TANK FOR PERSONNEL ACCESS.
 USE SMALL OVERFLOW VENTS ON TANK DIAMETERS UP TO 50' AND LARGE OVERFLOW VENTS THEREAFTER.





MUSHROOM VENT NUMBER	NOMINAL PIPE BORE
MV - 001	6" (ASA or BS)
MV - 002	8" " "
MV - 003	10" " "
MV - 004	12" " "
MV - 005	18" " "
MV - 006	24" " "
MV - 007	36" " "

TANK ROOF MUSHROOM VENT



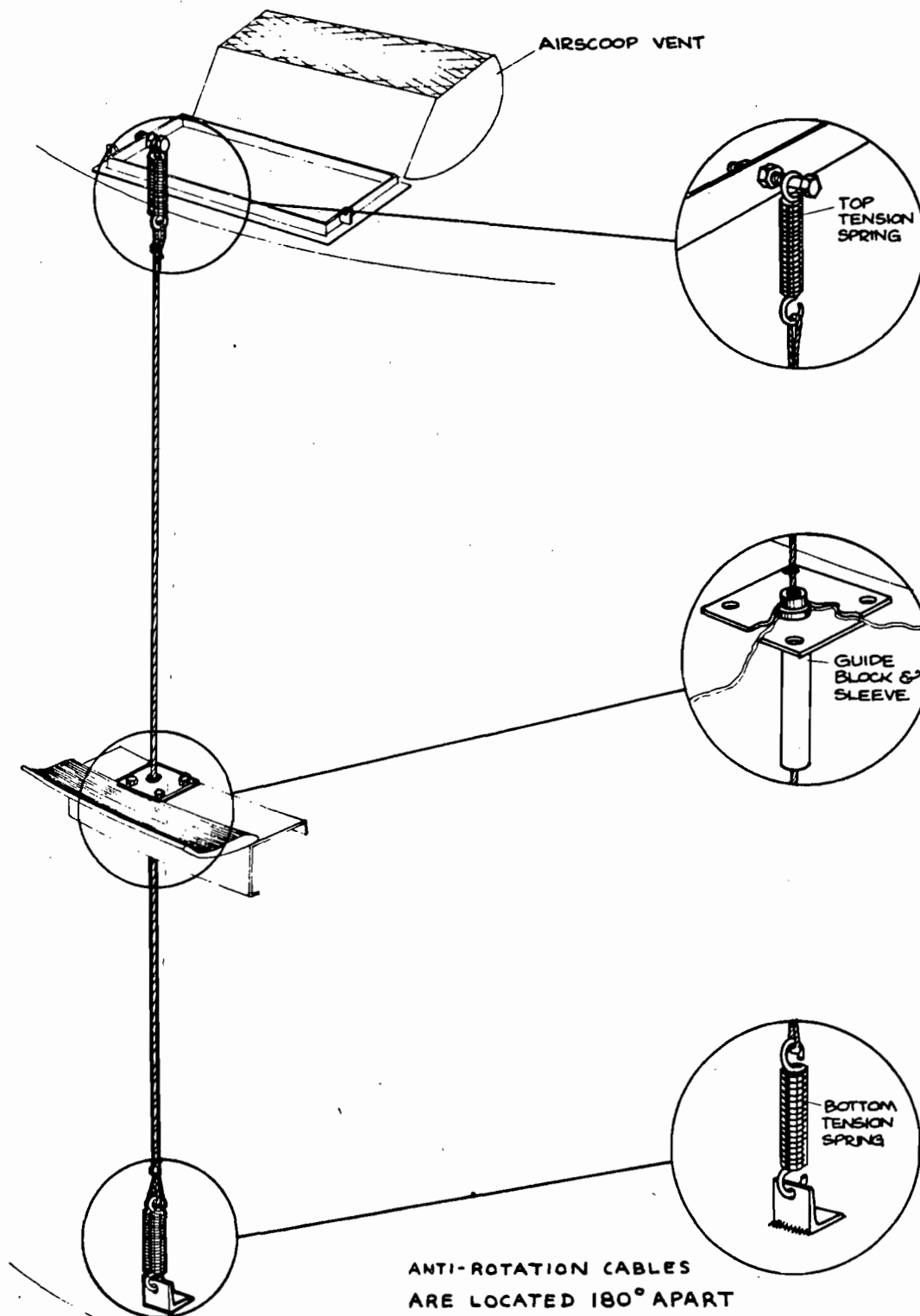
DIFFUSER IS SUPPLIED COMPLETE WITH
LOOSE SLIP-ON FLANGE FOR WELDING
TO INLET PIPE
SUPPORT PLATE TO BE SUPPLIED AND
FITTED IN THE FIELD

DIFFUSER NUMBER	NOMINAL PIPE BORE	'L'
DIFF - 001	3"	30"
DIFF - 002	4"	30"
DIFF - 003	6"	30"
DIFF - 004	8"	30"
DIFF - 005	10"	30"
DIFF - 006	12"	30"
DIFF - 007	14"	30"
DIFF - 008	16"	30"
DIFF - 009	18"	30"
DIFF - 010	20"	30"

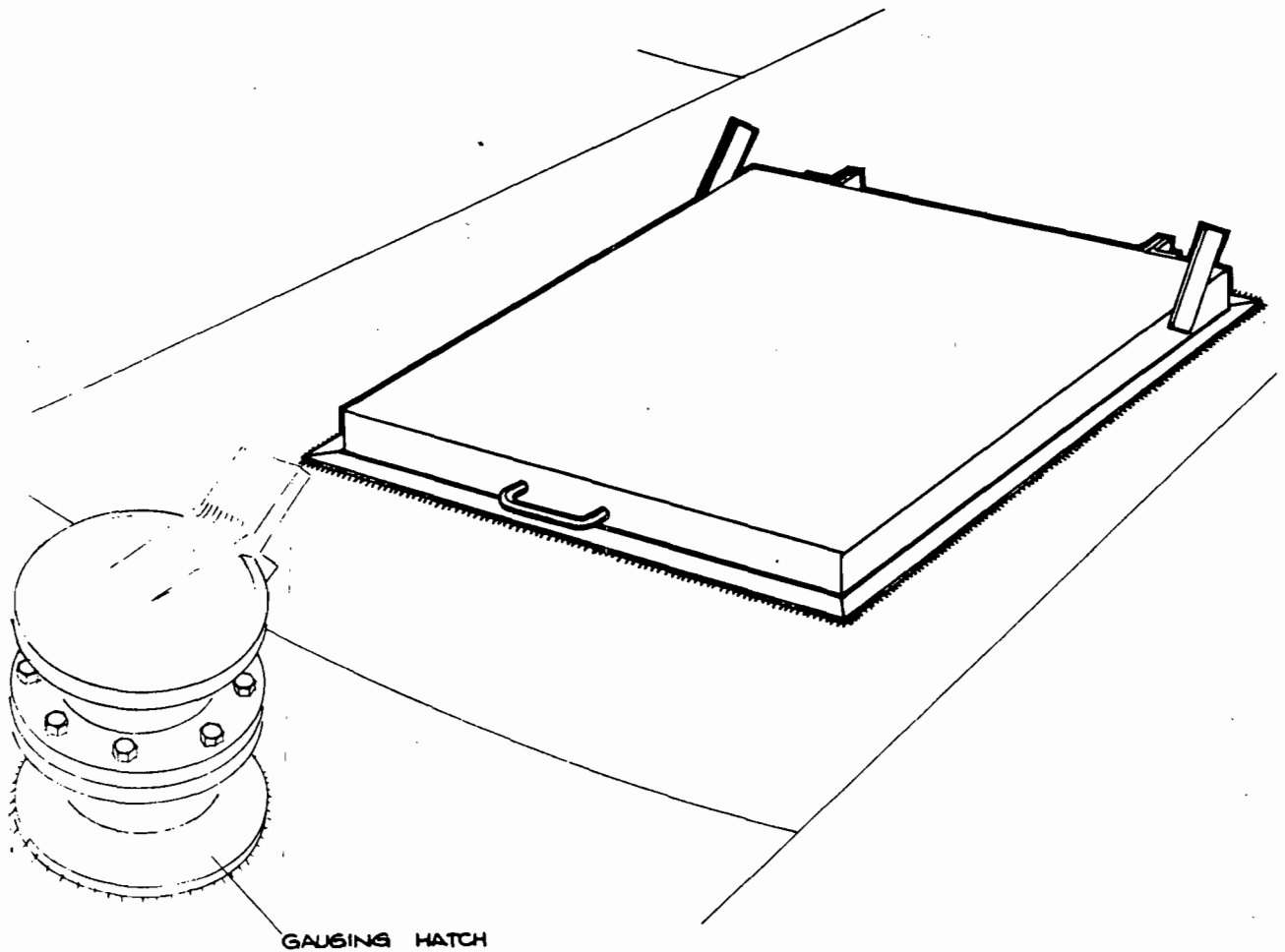
INLET DIFFUSER

MAYFLOWER VAPOR SEAL ACCESSORY
ANTI ROTATION CABLE

DWG. NO. MVS 116-1276



ANTI-ROTATION CABLE (2-OFF)



ROOF MANWAY