

**DISPENSING FUEL PUMP
FOR FISHERMEN**

First Progress Report

**FISHERIES DIVISION
JUNE 2000**

Progress Report

on

Project:

(Dispensing Fuel Pump for Fishermen)

1. Purpose of Submission

Project progress report for the period of December 1999 to June 22, 2000.

2. Executing Agency

Ministry of Agriculture, Forest, Fisheries and Meteorology

3. Implementing Agency

Fisheries Division

4. Previous CDC meetings

Previous CDC actions requested

Given the urgency and the technicalities involved in this project, CDC was requested through Treasury to award the contract to Mobil on grounds that they are the only entity in Samoa that can do this kind of work.

Previous CDC actions completed

- At its meeting FK (99) 30 of Wednesday 8th of December 1999, the Cabinet discussed the paper PK (99) 892 and approved purchasing by the Fisheries Division all the materials for the construction of the fuel depot at a cost of SAT43, 500.00 inclusive of VAGST.
- The Fisheries Division, after consultation with Mobil, re-submitted its cost as Fisheries needs both tanks for diesel and zoom fuel. A copy of the second quote by Mobil is attached.
- The new cost of the project that was requested and approved by the CDC was ST94, 700.00 inclusive of VAGST.
- After the CDC meeting on the 16 of May 2000, it was clear from the governments point of view that the Ministry of Lands Survey & Environment should look at this project and carry out, if needed, an Environment Impact Assessment (EIA).
- The government policies required that all like projects require an EIA.

5. Funding Sources and Conditions

External assistance

- Funding for this project has been requested and approved under the PDF of the US Fisheries Treaty administered by the Forum Fisheries Agency.

Local/Government Contribution

The project is fully funded under PDF fund administered by FFA.

6. Current Financial Status

Total expenditure to date

- As of today, no funds have been committed or have been used for this project even though the funds are already there with the Treasury.

External Funds Received

- As advised by Foreign Affairs Office (re: Noumea's letter to Financial Secretary on 29 March 2000), funds to the amount of ST94, 700.00 have been approved and are available under the Project Development Fund administered by FFA. Also Treasury confirms that Bank account number for these funds are as follows:

Treasury A/c No: 1200033
ANZ Bank (Samoa) Ltd
Apia

The GDP account for this particular project is GDP07935

Amount approved in current budget year

- Under Fisheries current budget for 2000-2001 no provision was made for any money to be used in the construction of the fuel depot on fisheries wharf.

Amounts already disbursed to or by Implementing Agency

- As of today no money has been released to or by Fisheries Division for the implementation of this project

7. Statements in Support of Submission

Status report on implementation (% of physical completion)

Due to being the only qualified local entity to carry out the work, Treasury was more lenient in its decision to award the job to Mobil without tendering to the public. In line with Treasury's response to the Director of MAFFM on 3 May 2000, Mobil have submitted (copies attached) scope of work, drawings and specifications for the work. These drawings and scope of work were all sent on 16 May 2000 to Public Works, Fire Departments and Environment for comments.

Balance of project still to be completed

• Revised implementation schedule

- At our meeting with Mobil, Environment and Treasury Department on Friday 23rd June 2000, a Preliminary Environment Assessment report prepared by the AusAID consultant, Trevor of Fisheries and Jungblut of Environment were discussed. Our Legal officer, Ming Leung Wai raised a point that if Treasury and Environment is satisfied with this report then we can go with that and use this report as the EIA for this project. However, it was decided that the report should be taken back to Division of Environment for comments and endorsement.
- In this report, it was recommended that since the two tanks will be half-buried underground, polyethylene materials should be used for lining between tank and underground wall to trap any fuel leaking out of the tanks. In light of this report,

Manager of Mobil Samoa explained that the additional cost for the polyethylene will be added. The cost will be at the range of 10-20% of the current price.

- The deed of agreement for the construction of the fuel depot was also deliberated at this meeting and Manager of Mobil, was asked for any words or clauses in the agreement that needs clarification by our Legal Officer. The Manager was to inform us of these changes.
- The Manager informed the meeting that agreement of this nature will have to be signed by their authority in the United States unless he is authorised. And this will take a while. The Manager was asked to try and have his authority to sign the agreement here in Samoa.
- Remaining works and other activities
- There are two hurdles that need to be tackled before actual construction (physical implementation) begins:
 1. Endorsement of the EIA report
 2. The signing of the deed of agreement between government and Mobil.

- Revised total project costs

- **Capital costs:** As a result of the Preliminary Environment Assessment recommendation to have polyethylene linings for leakage measure, Mobil has requested the cost for the project as it appeared in the contract be reviewed. Estimated cost of project including the additional polyethylene materials is around ST\$100,000.

Reason for request of project variation, additional funds etc.

- The reason for this request of project variation and costs was based on the Preliminary Environment Assessment report conducted by the AusAID consultant, Fisheries and Environment counterparts.

8. Possible Implications on the Project

Project reaching it's objective

- This project is being overdue for a long time and one of the main reasons why it keeps delaying is that of unsuccessful attempts to get views from other relevant departments vesting interest in this project.
- On 16 May 2000, the Director of Agriculture sent a letter to Public Works and copies to the Fire Services and Lands Survey and Environment respectfully seeking their assistant to check the scope of work which is to be carried out by Mobil (copy of this letter attached). Up until our meeting with Mobil, Treasury and Environment on 23rd of June 2000 at Fisheries office, there has never been a respond from the Public Works on the above matter.

Project Sustainability

- The proposed plan is that we shall request Treasury to tender the operation of the pumps by a private sector upon completion

9. Summary of Issues

- Funds to the amount of ST94, 700.00 have been approved and are available under the PDF administered by the FFA. It is now deposited at the ANZ Bank (Samoa) Ltd, Treasury A/c No: 1200033.
- The AusAID consultant, Trevor of Fisheries and Jungblut of Environment prepared a Preliminary Environment Assessment report. In this report it was recommended that lining of polyethylene materials should be placed around and under the tanks so that any fuel leaking will be trap in it. These alterations were not in the original drawings by Mobil.
- In light of the above recommendation, using polyethylene materials for lining will certainly cause an increase in the overall approved cost of the project.
- The MAFFM Legal Officer will re-draw the deed of agreement that will incorporate the few changes that was made.

10. Recommendations for Consideration

It is recommended that because of the need from the report by the Environment, an additional cost which should not exceed 20% of the current price by Mobil should be added. This cost should be requested from FFA through Foreign Affairs

11. Signature of Executing Agency

.....

12. Date...../...../.....

RECEIVED
03 FEB 2000

APIA
SAMOA
PO BOX 1881
TELEPHONE 886 11171
FAX 886 11115

3rd February 2000

The Assistant Director
Fisheries Division
Apia.

Dear Sir,

DISPENSING FUEL PUMPS - FISHERIES WHARF

I refer to my letter of 24th November 1999 of which I offered the alternative option of the above facilities to be bought by the Fisheries Division.

On that offer we specified what was to be included at the cost of \$43,500-00 plus VAGST.

There were : 1. T10 Overhead Tank, 2. Steel cradles for tank, 3. Concrete Footings, 4. Concrete Bund wall, 5. Concrete floor for the bund wall, 6. 2 Fire Extinguishers, 7. Meter counter in litres, 8. Hoses & Fittings, 9. Nozzle fro the hose.

The intention with this set up was that customer filling would've been done by gravity.

Our meeting of yesterday you requested us to include in our quote the following equipment and extension of the project to include 1. T5 Diesel Tank, 2. A pumping unit for the premix supply and the diesel supply., 3. A chain link fence around the facility, 4. 12 meter hoses for the pumps to reach the boats parking area, 5. Compact and level area for the petroleum delivery truck area, 6. An office to house the pump attendant and the pumps.

The additional extention costs are therefore :

1. T5 Diesel tank plus extended concrete floor and bund wall to fit	\$14,850.00
2. A pumping unit to fill boats	\$15,200.00
3. Chain link 44 meters	\$7,040.00
4. 12 meter supply hoses	
5. Compact and level area for delivery truck	\$2,020.00
6. Pump attendant office 2.4 x 1.5	<u>\$3,240.00</u>
	\$42,350.00
Include the original quotation of	<u>\$43,500.00</u>
The total project cost is	<u>\$85,850.00</u>

This cost does not include VAGST.

I hope that this amount is acceptable to you

Yours faithfully

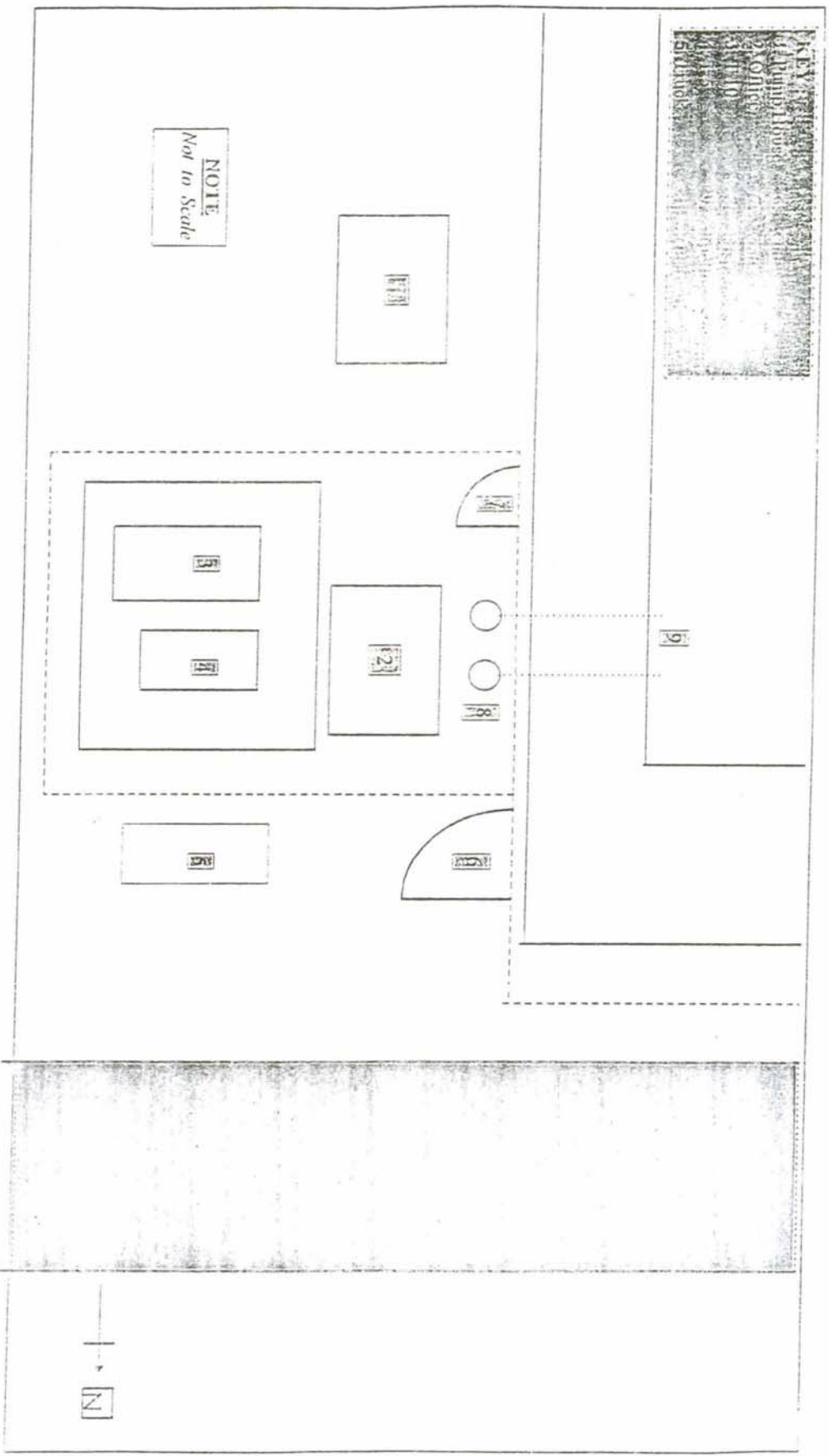
Peter Ripley

SCOPE OF WORKS

1. Compact and level area for delivery truck
2. Level and backfill site area. Excavate area for tanks' installation
3. Install T5 and T10 tank as per MSS 071, MSS 111 and concrete with vents
4. Build pump attendant office 2.4m x 1.5 m
5. Install chain link fence around site (44 m) and 2 gates as per sketch → MSP 056
6. Install 1 ½" discharge pipeline and 3" fill line – hydrostatic test
7. Install Double round pump as per MSS 011 and calibrate
8. Calibrate and provide dipsticks for T5 & T10 tanks
9. Install 12m supply hoses for fuelling station
10. Install fire extinguishers
11. Electrics

Estimated time to complete above works: 6 weeks

N.Y. State
Department of
Corrections
Office of
Prison
Administration
Division of
Prisons



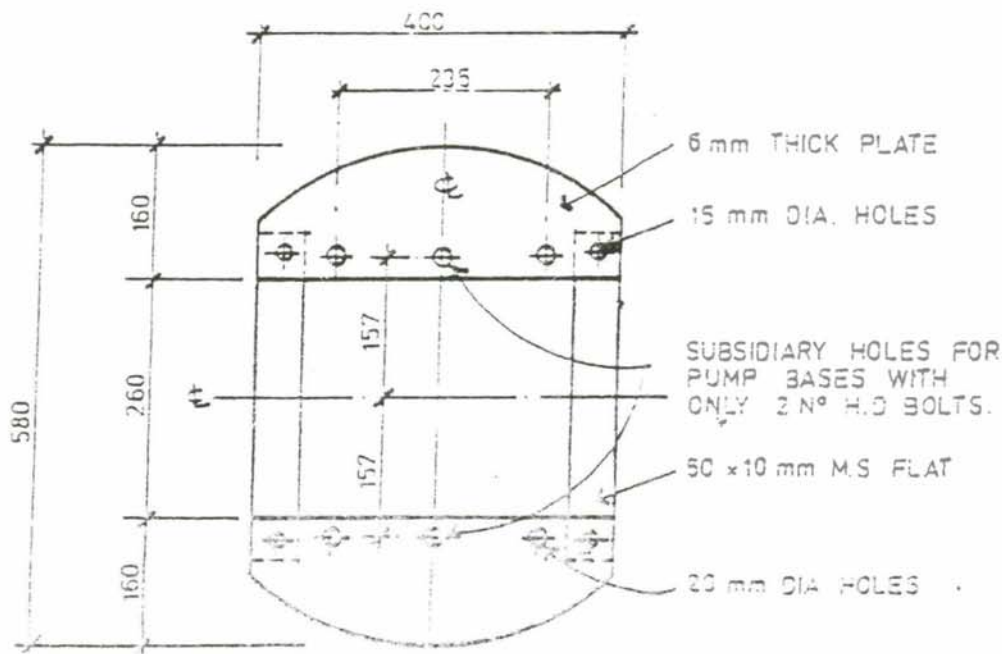
NOTE
Not to Scale





SECTIONAL ELEVATION

FOR LOCATION OF EQUIPMENT REFER TYPE OF SERVICE AREA CONCERNED.



BASE ASSEMBLY FOR ALL ROUND PUMPS
(SUPPLIED BY PIPELINE INSTALLER)

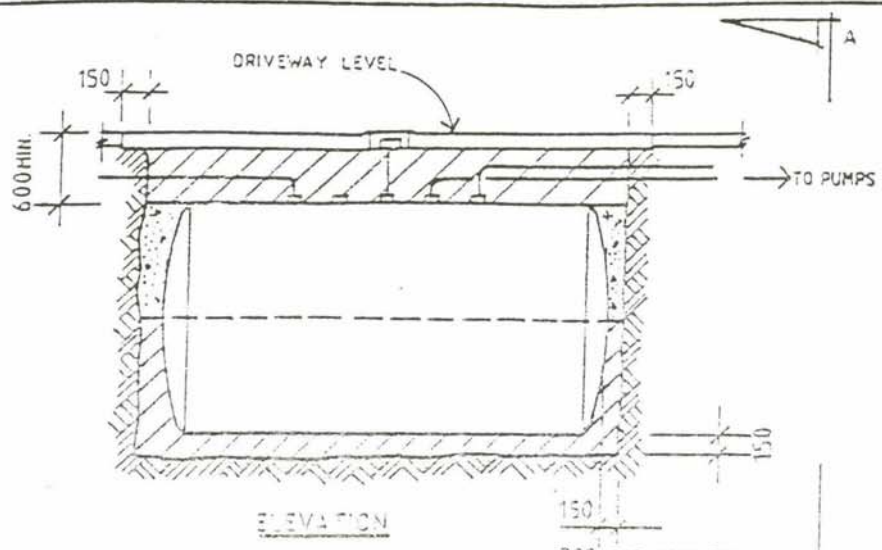
MUST NOT BE REPRODUCED
BEFORE CONTACTING H/O ENG.
FOR LATEST ISSUE

ISSUE 1	ALTERATION	DATE 2-3-71
		DATE 5-5-71
		DATE 1-1-71
		DATE 1-1-71

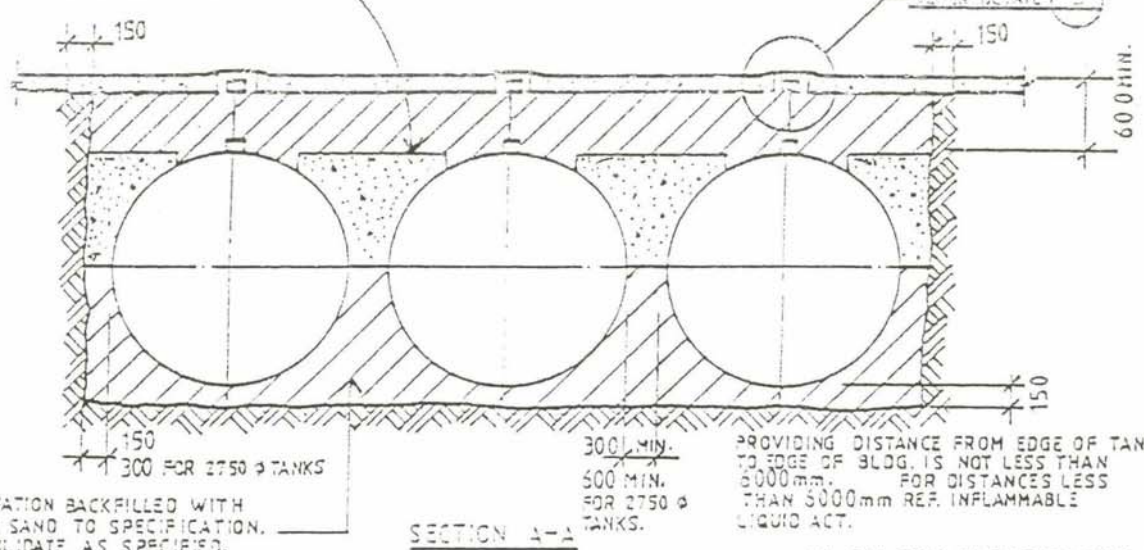
M.S.S. ALL CENTRES
SERVICE AREA
PUMP BASE DETAILS

DRAWN	BY	DATE
CHECKED	BY	DATE
SUPERVISOR	BY	DATE
APPROVED	BY	DATE
DATE 2-3-71	SCALE	-

MSS 011

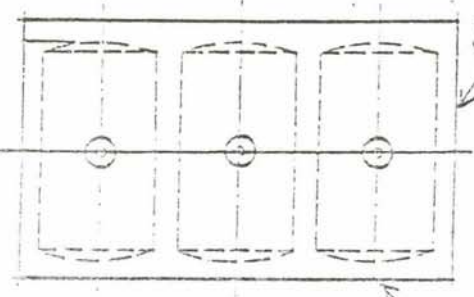


TANK ANCHORING CONCRETE.
CONCRETE TO BE 10-12 MPa.

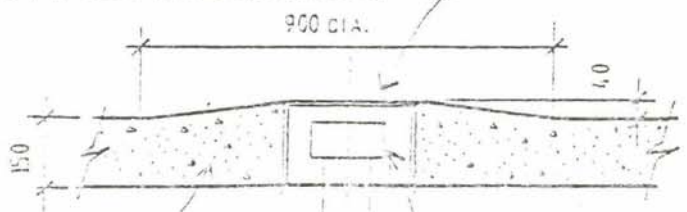


PROVIDING DISTANCE FROM EDGE OF TANK TO EDGE OF BLDG. IS NOT LESS THAN 6000mm. FOR DISTANCES LESS THAN 3000mm REF. INFLAMMABLE LIQUID ACT.

DETAIL OF TANK INSTALLATION



150 THICK CONCRETE SLAB REINFORCED WITH A.S. F32 MESH 40 TOP & BOTTOM COVER.



INSTALLATION IN DRIVEWAY

MUST NOT BE REPRODUCED BEFORE CONTACTING H/O ENG. FOR LATEST ISSUE

FIGURED DIMENSIONS TO BE USED IN PREFERENCE TO SCALED DIMENSIONS CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

REFER TO MSE 002 FOR JOINT DETAIL. NEW SITES TO USE CONSTRUCTION JOINT. REFER TO SITE PAVING PLAN FOR JOINT LAYOUT.

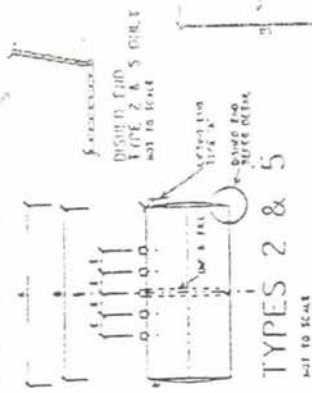
WHEN TANKS ARE INSTALLED INTO EXISTING DRIVEWAY DOWELLED JOINTS SHALL BE USED IN ACCORDANCE WITH ABOVE LAYOUT OR AS APPROVED BY ENGINEER

NO.	DESCR.	DATE	BY
1	CONC. SLAB MESH WAS 40 & COVER WAS 15	2ND	21/11/11
2	MINOR AMENDMENTS	25/11	21/11/11
3	ALTERATION		
		DRAWN	DATE

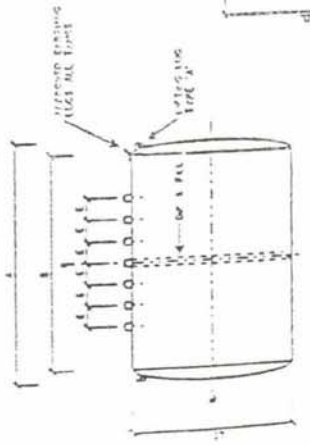
M.S.S. ALL CENTRES.
PRODUCT STORAGE TANK
INSTALLATION

DRAWN: [Signature]
CHECKED: [Signature]
SUPERVISOR: [Signature]
APPROVED: [Signature]

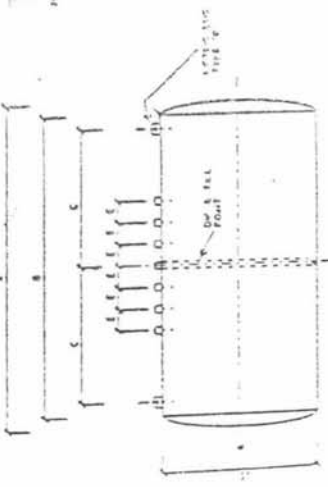
Mobil
MSS 071



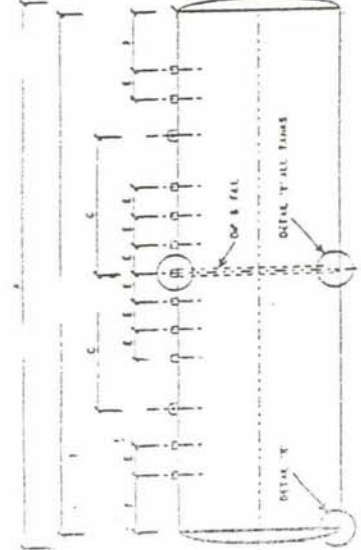
TYPES 2 & 5
NOT TO SCALE



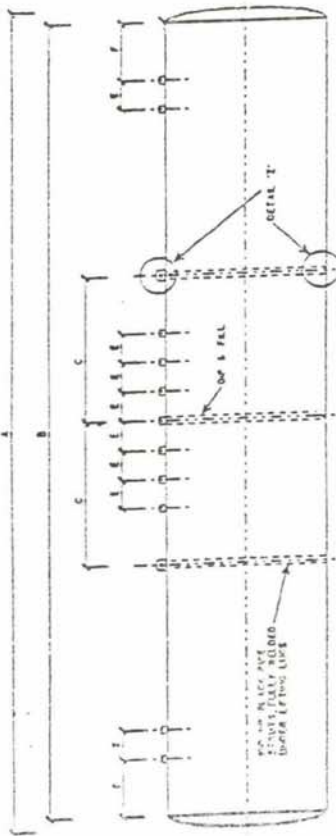
TYPE 10
NOT TO SCALE



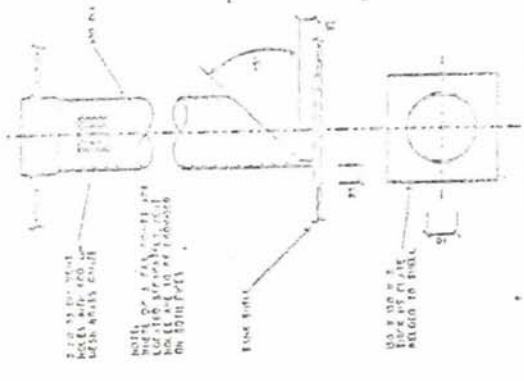
TYPE 15 & 20
NOT TO SCALE



TYPES 25, 30, 35, 40 & 55
NOT TO SCALE



TYPES 42, 45, 60, 70, 90 & 110
NOT TO SCALE



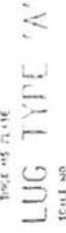
DETAIL 'X'
TYPES TYPES 25 TO 110
NOT TO SCALE



DETAIL 'Y'
SCALE AS SHOWN



DETAIL 'Z'
SCALE AS SHOWN



LUG TYPE 'A'
SCALE AS SHOWN

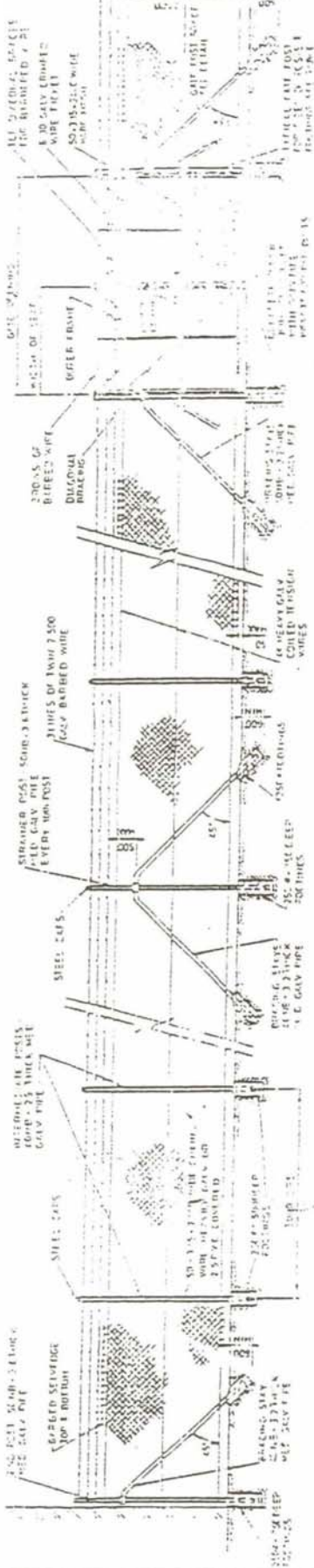
TANK TYPE	SAFE HOISTING CAPACITY EXCEPT S.A.	MAX. CAPACITY LITRES	HT DIA. LD.	OVERALL LENGTH A	SKIRT LENGTH B	C	E	F	PLATE THICKNESS	S.A. OR V SAFE HOISTING CAPACITY
2	2425	2500	813	2520	2400				3	2210
5	5110	5300	1475	3216	3000				3	4760
10	10510	8900	2190	3150	3000		300		5	8920
15	15000	16500	2190	4550	4200		300		5	15130
20	20110	20000	2490	5750	5400		300		5	19120
25	26510	21800	2490	7350	7200		400	800	5	26100
30	32190	31500	2900	8050	1900	1900	400	800	5	32000
35	36280	31400	2150	6460	1900	1900	400	800	6	36000
40	4160	45000	2150	7880	1900	1900	400	800	6	43000
42	11375	12138	2190	8350	2000	2000	400	800	5	41558
45	14117	16115	2190	12350	2000	2000	400	800	5	11275
55	31730	58300	2150	10060	1900	1900	400	800	6	51500
60			2150	8260	10800				6	
70			2150	12460	10000				6	
90			3110	9710	5000				6	
110			3410	12710	12000				6	

REVISION	DATE	BY	REASON
1	1953	...	...
2	1953	...	...
3	1953	...	...
4	1953	...	...
5	1953	...	...
6	1953	...	...
7	1953	...	...
8	1953	...	...
9	1953	...	...
10	1953	...	...
11	1953	...	...
12	1953	...	...
13	1953	...	...

- NOTES:
1. ALL TANGENTS ON TANKS TO BE 15° TO 20° TO HORIZON.
 2. ALL TANGENTS TO BE SCHEDULE 40.
 3. MAXIMUM TANK HEIGHT 11.4 M.
 4. TANKS TO BE ONLY AS PER SPECIFICATION NO. 2107.
 5. ONE STEEL TO BE ONLY AS PER SPECIFICATION NO. 2107.
 6. ALL DIMENSIONS ARE IN MILLIMETERS.
 7. ALL POSITIONS TO BE SPECIFIED ON DRAWING.
 8. TANKS WITH THICKNESS GREATER THAN 12.5 MM TO BE USED ONLY WITH SUBVERSIBLE MATERIALS SPECIFIED IN 2107.

FRAMES DIMENSIONS TO BE NOTED IN SUFFICIENT TO TIGHT TOLERANCES
CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

DESIGNER'S PERMITS
FOR UNDERGROUND
CONSTRUCTION PERMITS

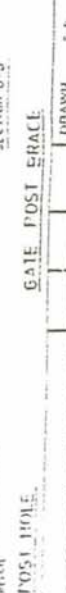


NOTE FOR SECTION 01050
SEE DRAWING

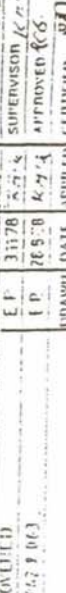
DETAILS OF GATE FRAMES

DATE	REVISION	DESCRIPTION	BY	CHKD.	APP'D.
10/06	1	1000	1000	1000	1000
10/06	2	1000	1000	1000	1000
10/06	3	1000	1000	1000	1000
10/06	4	1000	1000	1000	1000
10/06	5	1000	1000	1000	1000
10/06	6	1000	1000	1000	1000
10/06	7	1000	1000	1000	1000
10/06	8	1000	1000	1000	1000
10/06	9	1000	1000	1000	1000
10/06	10	1000	1000	1000	1000
10/06	11	1000	1000	1000	1000
10/06	12	1000	1000	1000	1000
10/06	13	1000	1000	1000	1000
10/06	14	1000	1000	1000	1000
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10/06	26	1000	1000	1000	1000
10/06	27	1000	1000	1000	1000
10/06	28	1000	1000	1000	1000
10/06	29	1000	1000	1000	1000
10/06	30	1000	1000	1000	1000

SECTION 01050
GATE POST BRACE



SECTION 01050
STANDARD POST HOLE



SECTION 01050
TYPICAL CORNER POST



SECTION 01050
TYPICAL FENCE POST



REVISIONS WITH QUANTITIES

NO.	DATE	APPROVED	BY	QUANTITY
1	10/06	1000	1000	1000
2	10/06	1000	1000	1000
3	10/06	1000	1000	1000
4	10/06	1000	1000	1000
5	10/06	1000	1000	1000
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23	10/06	1000	1000	1000
24	10/06	1000	1000	1000
25	10/06	1000	1000	1000
26	10/06	1000	1000	1000
27	10/06	1000	1000	1000
28	10/06	1000	1000	1000
29	10/06	1000	1000	1000
30	10/06	1000	1000	1000

REVISIONS WITH QUANTITIES

1. ALL CENTRIES WIRE 5000 LBS
 2. ALTERNATIVE ADDED CHAIN WIRE 25FWG (COVERED)
 3. REVISED INCORPORATING ISF 05, 06, 09, 010, 06, 14, 1, 06, 3

ISSUE

FRAMED DIMENSIONS TO BE USED IN THE FIELD TO SCALED DIMENSIONS CONTRACTOR MUST VERIFY ALL DIMENSIONS ON THE JOB

DATE 28/06/2013
 CHECKED V.C.B.
 SUPERVISOR K.P.
 APPROVED C.C.
 IDENTIFIED
 DATE 28/06/2013
 SCALE

SECTION 01050
 GATE POST BRACE

SECTION 01050
 STANDARD POST HOLE

SECTION 01050
 TYPICAL CORNER POST

SECTION 01050
 TYPICAL FENCE POST

SECTION 01050
 GATE POST BRACE

SECTION 01050
 STANDARD POST HOLE

SECTION 01050
 TYPICAL CORNER POST

SECTION 01050
 TYPICAL FENCE POST

Mobil

MSD-0001

STANDARD 2500 HIGH CHAIN WIRE FENCING & GATES