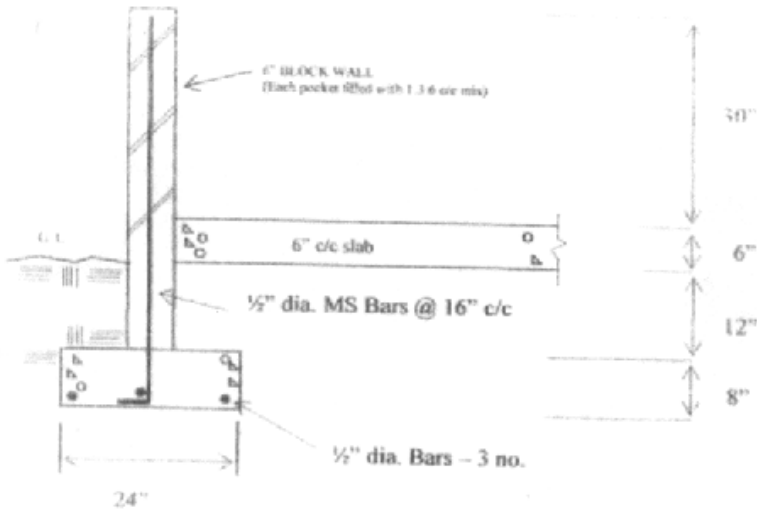
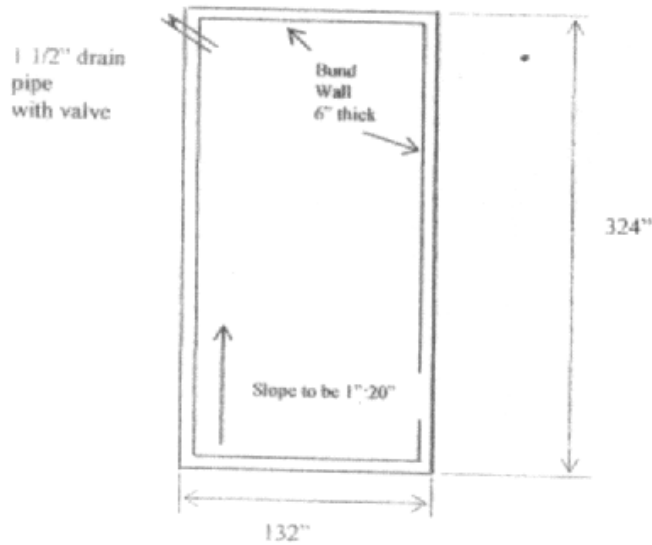


Appendix III

Diesel Storage Specifications

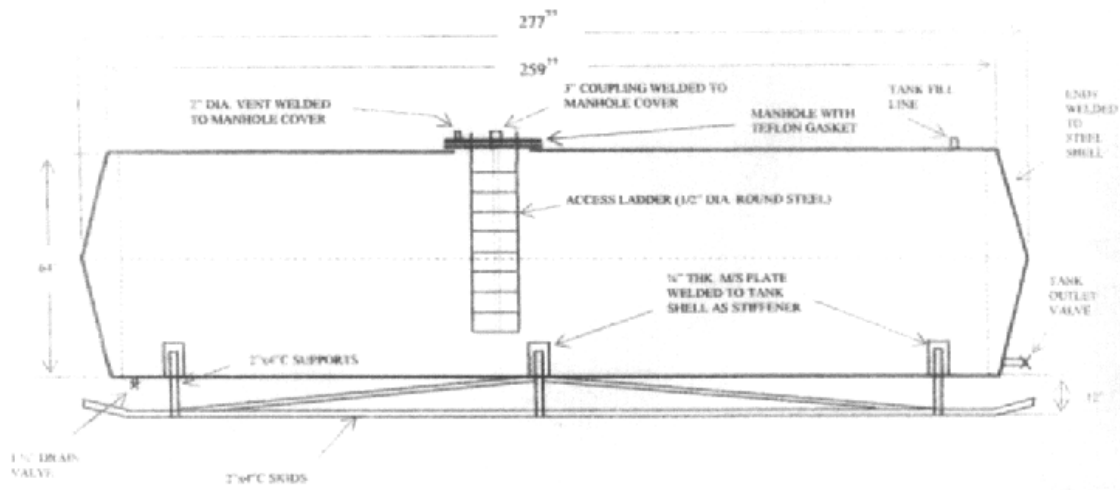


SECTION - TYPICAL FOUNDATION

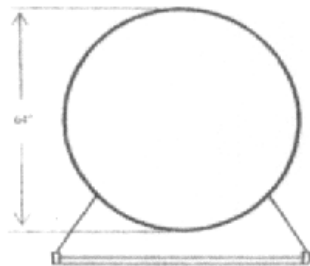


PLAN

COOL PETROLEUM LTD	
SKETCH OF TYPICAL BUND FOR 3000 L GALLON FUEL TANKS	
DIMENSIONS AS SHOWN	12/11/2006

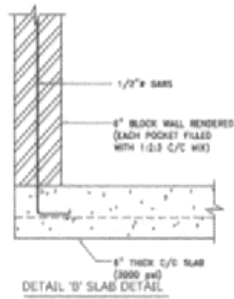
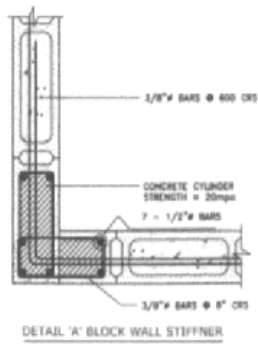
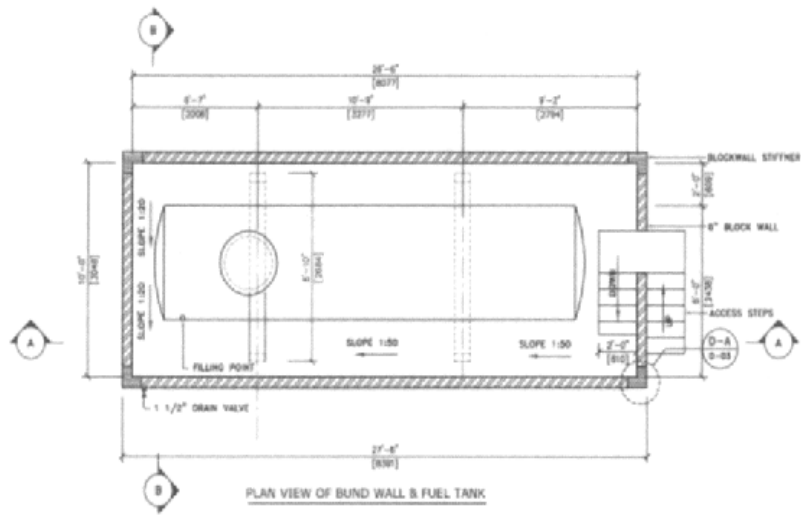


ELEVATION OF 3000 L. GALLON HORIZONTAL TANK

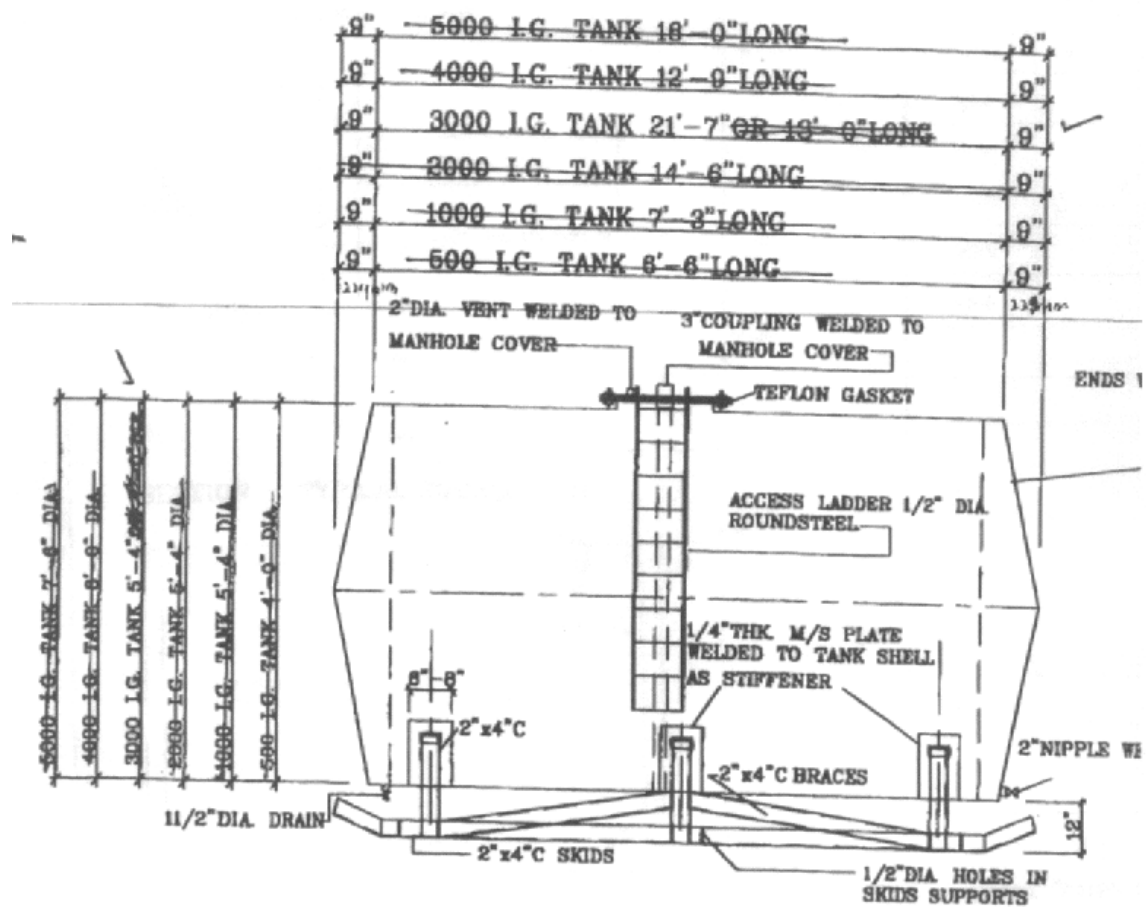


CROSS-SECTION OF 3000 L. GALLON FUEL TANK

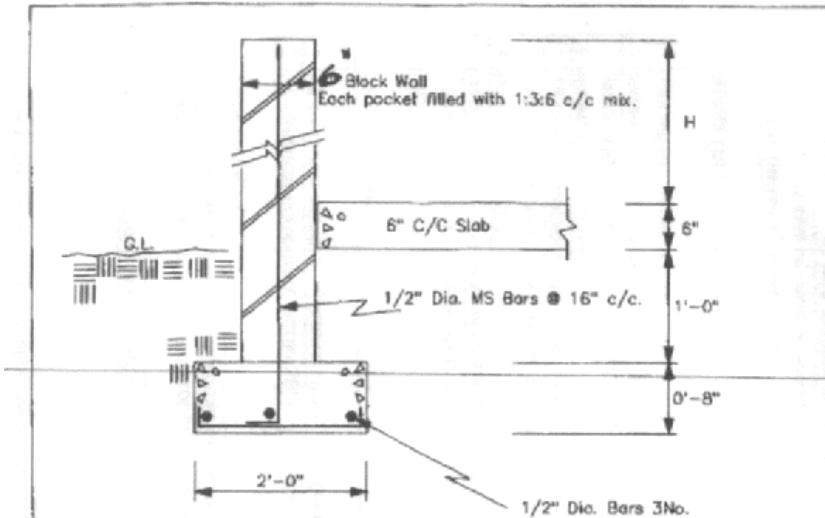
COOL PETROLEUM LTD	
SKETCH OF TYPICAL 3000 GALLON FUEL TANK	
DIMENSIONS AS SHOWN	12/11/2006



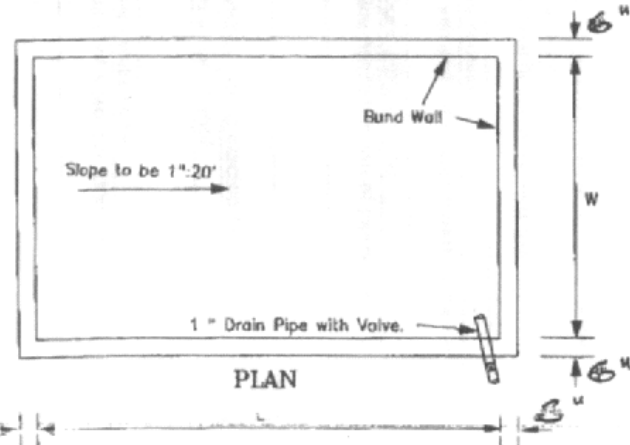
CONTAINMENT B AND DETAILS	
Scale:	
DATE:	BY:
REV:	REV:



ELEVATION OF HORIZONTAL TANK (



SECTION - TYPICAL FOUNDATION



PLAN

Tank Size	(H) Height	(L) Le
5000		
4000		
3000	2'-6"	26'
2000		
1000		

Notes:
The above are interna

The Shell Co. (I)
Typical Bund for A.C
File:BUR/WALL | Scale: Not to scale

Minimum Standard for Commercial Sites



TANK AND BUND

1	All above ground storage tanks shall have overfill prevention devices installed
2	Tanks must have proper vent pipes(over 5 meters above ground level) which discharges inside contained area.
3	Tank foundation must be in good condition.
4	Tank must be grounded (ground cable/ground rod)
5	Tank should have remote fill pipe with 3" quick coupling with female end to receive truck hose, as well a check valve and a gate valve.
6	Tank remote fill pipe must have a drop tube to the low level inside the tank
7	Tanks should have a shut off valve (on piping going to pump or other equipment)
8	Tank should have method of doing tank product reconciliation (site glass (opt) and dip hatch)
9	Tanks should have safe access to dip hatch (ladder and/or platform)
10	Tanks ideally should have a drain valve at the lowest point which will allow for the draining of the tank (removal of water etc)

BERM (BUND WALL)

1	The minimum berm (bund wall) must be at least 120% capacity of tank or 100% of the largest tank in the tank farm plus 20% of the other tanks in the farm.
2	Bund wall and floor must be impervious (no cracks, float finish) to reduce the risk of spill entering environment
3	All tank connections are to be clearly identified. (inlet/outlet)
4	Bund wall should have a drain pipe with a shut-off valve which should remain in the closed position normally
5	Second catchment area is needed to support the bund pipe draining.
6	Leave >2' space between tank and bund wall to allow for installation of pipes and maintenance of pipes.

ELECTRICAL

1	All electrical equipment/cables must be in good condition and protected from traffic
2	All electrical equipment within 20' of tank should be weatherproof.

FIRE SAFETY

1	There must be at least one portable dry powder foam extinguisher
2	Ensure that that neighbouring properties must be absent a fire risk (dried bush, flammable material, hot work)
3	No ignition sources in discharge and storage area

DISCHARGE OPERATION

1	Access road and parking area should be free from obstacles and adequate for maneuvering
2	Unrestricted escape from discharge point
3	Discharge pad must be impervious and sloped to a drain or bunded area.
4	During Discharge there must be a adequate spill container under hose connection

PUMP

1	Pump base must be concrete and protected by safety post (coloured in hazard colours) to prevent accidental damage to equipment
2	Forecourt must be paved and sloped to a drain or bunded area

NB:- These items far from exhaust CPL safety and operational standards.