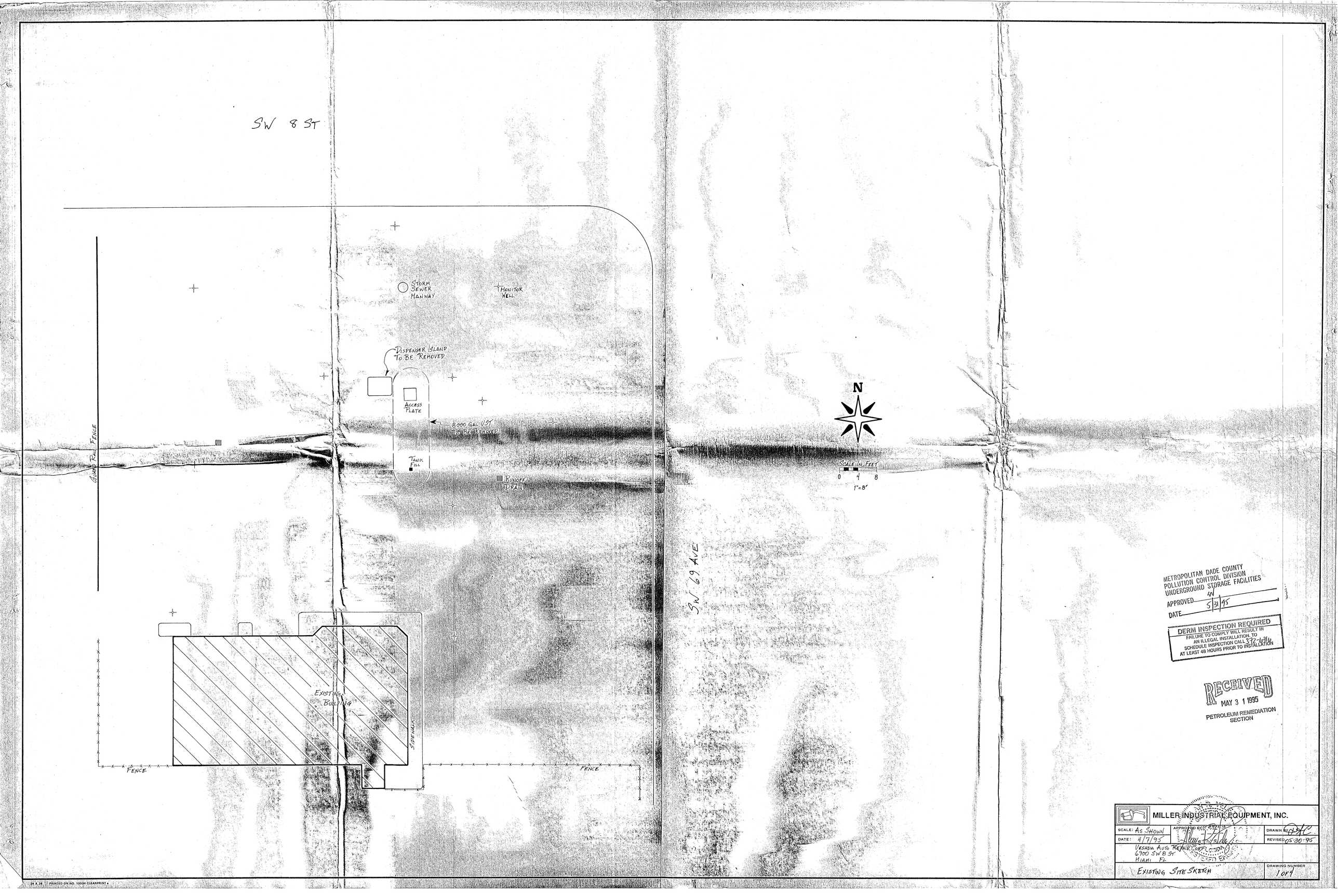
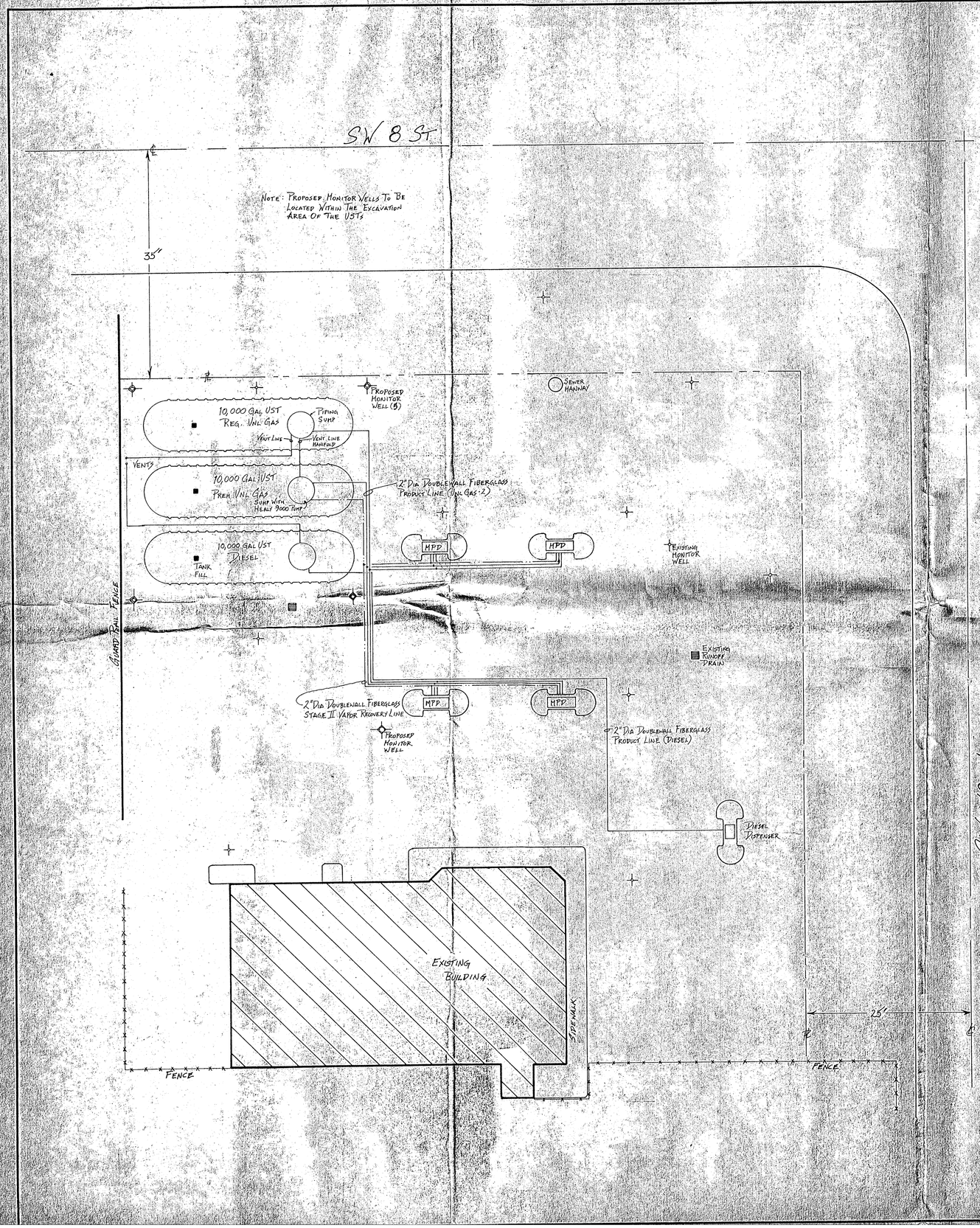
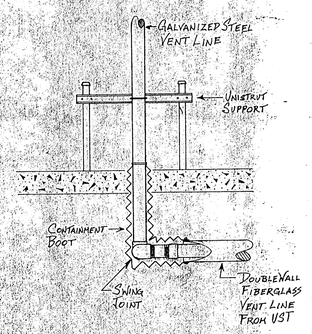
APPENDIX C

PERTINENT INFORMATION


SW 8 ST
SW 69 AVE
STORM SEWER MANWAY
MONITOR WELL
DISPENSER ISLAND TO BE REMOVED
ACCESS PLATE
8000 GAL UST TO BE REMOVED
TANK FILL
RUNOFF DRAIN
GUARD RAIL
FENCE
EXISTING BUILDING
SPEEDMAX
FENCE
FENCE
N
SCALE IN FEET
0 4 8
1"=8'
METROPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES
APPROVED
DATE 5/31/95
DERM INSPECTION REQUIRED
FAILURE TO COMPLY WILL RESULT IN AN ILLEGAL INSTALLATION. TO SCHEDULE INSPECTION CALL 372-6776 AT LEAST 48 HOURS PRIOR TO INSTALLATION
RECEIVED
MAY 31 1995
PETROLEUM REMEDIATION SECTION
MILLER INDUSTRIAL EQUIPMENT, INC.
SCALE: AS SHOWN
DATE: 4/7/95
APPROVED BY
DRAWN BY
REVISED 05-30-95
VESADA AUTO REPAIR CORP.
6900 SW 8 ST
MIAMI, FL
EXISTING SITE SKETCH
DRAWING NUMBER
1 OF 1
24 X 36 PRINTED ON NO. 1000H CLEARPRINT





TYPICAL VENT SUPPORT
NTS

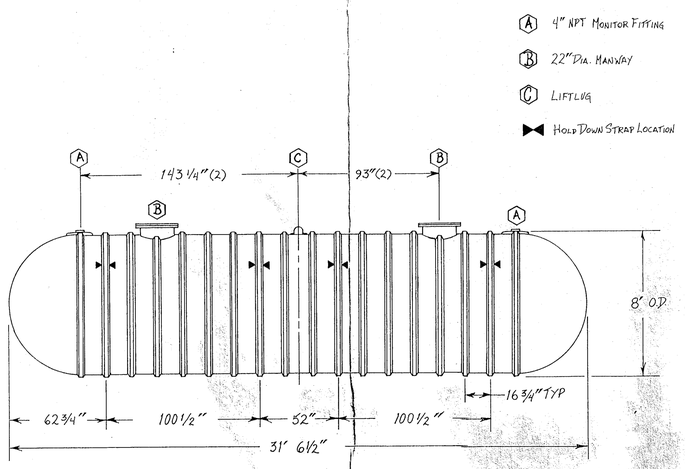
SCOPE OF WORK:

1. REMOVE AND LEGALLY DISPOSE OF ONE (1) 8,000 GALLON UNDERGROUND STORAGE TANK AND ASSOCIATED PIPING.
2. TANK DISPOSAL WILL BE DONE BY CLIFF BERRY INC. DISPOSAL DOCUMENTS WILL BE PROVIDED TO THE CONTRACTOR FOR FURTHER REPORTING TO REGULATORY AGENCIES.
3. ANY SLUDGE OR LIQUID POLLUTANTS REMAINING IN THE TANKS SHALL BE DISPOSED OF BY A DULY LICENSED COMPANY.
4. TANK REMOVAL SHALL BE DONE IN ACCORDANCE WITH FDEP 62-761, 62-770, AND API 1604.
5. CONTAMINATED SOIL FROM THE SITE CAN BE TEMPORARILY STORED AT THE SITE FOLLOWING PERTINENT RULES AND REGULATIONS. SOIL CAN THEN BE DISPOSED OF BY A PROPERLY LICENSED CONTRACTOR UNDER SEPARATE CONTRACT.
6. INSTALL THREE (3) 10,000 GALLON, DOUBLE WALL FIBERGLASS, UNDERGROUND STORAGE TANKS (USTS). ONE (1) UST TO CONTAIN DIESEL FUEL AND TWO (2) USTS TO CONTAIN UNLEADED GASOLINE. ONE (1) PIPING SUMP IS TO BE MOUNTED ON EACH UST.
7. INSTALL 2" DIAMETER, DOUBLE WALL FIBERGLASS, PRODUCT, VENT, AND STAGE II LINES MAINTAINING A SLOPE OF 1/8 PER FOOT TOWARD UST.
8. INSTALL FIVE (5) NEW DOGBONE DISPENSER ISLANDS WITH DISPENSER PANS.
9. INSTALL ONE (1) NEW SCHLUMBERGER #620 DISPENSER AND FOUR (4) NEW SCHLUMBERGER #4331 HPDS.
10. INSTALL HEALY STAGE II VAPOR RECOVERY SYSTEM ON UNLEADED GASOLINE USTS.

METROPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES
APPROVED CW
DATE 5/31/95

MILLER INDUSTRIAL EQUIPMENT, INC.
PC C048278

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY:
DATE: 4/7/95		REVISED 05.30.95
VERSATA AUTO REPAIR CORP 6700 SW 8 ST MIAMI, FL		95-0904
PROPOSED SITE SKETCH		DRAWING NUMBER 2084



A 4" NPT Monitor Fitting

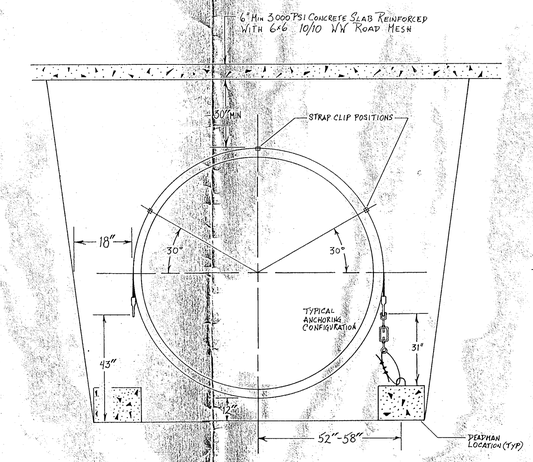
B 22" Dia. Manway

C Liftlug

Hold Down Strap Location

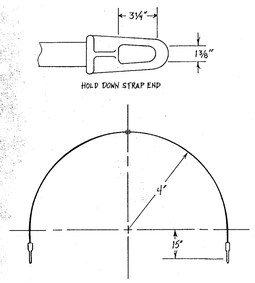
Xerxes® Corp DWT-II T-31

8 Ft. Dia. 10,000 Gallon FRP Doublewall UST



Anchor Strapping

N.T.S.



Preparation For Installation

Use The Lift Lug When Hoisting Tank. Do Not Use Cables Or Chains Around The Tank. Use Guy Ropes To Guide The Tank When Required. DO NOT ROLL TANK.

Pre-Installation Testing

Tighten All Fittings, Pressurize To 5 PSIG (35 KPa) Then Soap Entire Tank For A Period Long Enough To Determine That There Are No Leaks As Indicated By Soap Bubbles Or A Drop In Pressure (Soap Test). If Damage Has Occured, DO NOT ATTEMPT REPAIRS, Contact Xerxes Ref For Instructions.

Backfill And Bedding Material

Use Pea Gravel (Rounded Particles) With A Minimum Diameter Of 1/8" (3mm) And Maximum Diameter Of 3/4" (19mm).

Depth Of Excavation

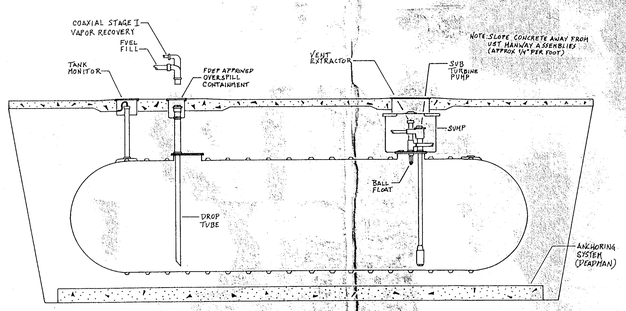
The Hole Must Be Deep Enough To Provide Sufficient Bedding And Cover Depth. Tanks Subjected To Traffic Loads And High Water Must Have A Minimum Of 30" (75cm) Of Backfill Over Tank And 6" Of Steel Reinforced Concrete.

Excavation Size

Where Shoring Is Not Required To Maintain A Vertical Wall From Top To Bottom Of The Excavation, The Minimum Spacing Between The Sidewalls Or Endcap Of The Tank And Side Of Excavation Must Be 18" (45cm). If More Than One Tank Is To Be Installed In The Same Hole, There Must Be At Least 18" (45cm) Between Tanks.

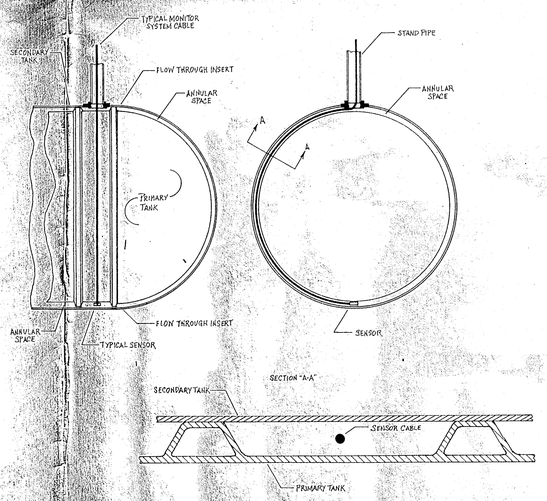
Anchoring Tanks - Deadman

A Deadman Must Be A Concrete Beam With A Total Length 12" (30cm) Greater Than The Total Length Of The Tank. 8' (2.4m) Diameter Tanks Require A Deadman With A 12" x 12" (30cm x 30cm) Cross Section. Lay The Deadman Parallel To The Tank, Not More Than 4.5' (1.4m) From The Centerline Of Tank. Position Each Hold Down Strap So It Will Be Centered On The Face Of The Rib Designated By Arrows. Fasten The Wire Cable To The Deadman With At Least Three Clamps. Connect The Cable And Strap With A Turnbuckle, Then Tighten Uniformly With Other Straps Until Snug, But Cause No Deflection Of The Tank.



Typical Service Station D.W.T. Installation

N.T.S.

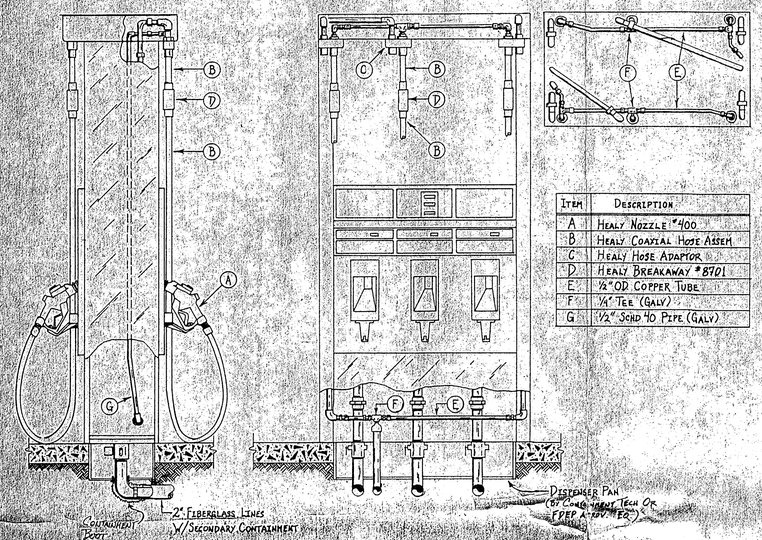


Doublewall Tank Typical Monitor System

N.T.S.

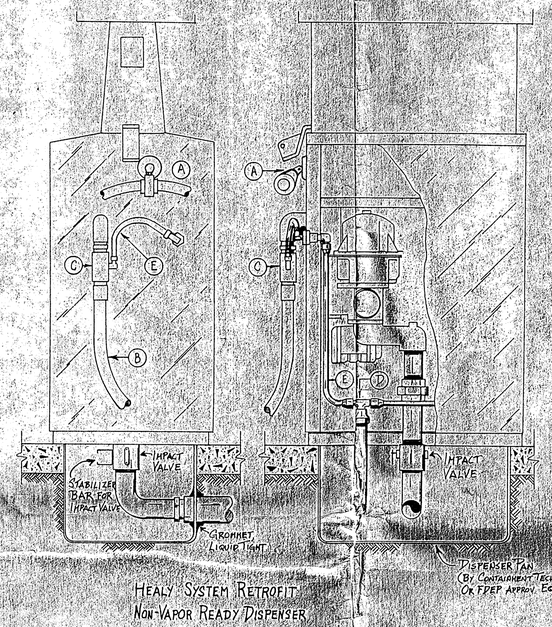
METROPOLITAN DADE COUNTY
POLLUTION CONTROL DIVISION
UNDERGROUND STORAGE FACILITIES
APPROVED GW
DATE 5/31/95

MILLER INDUSTRIAL EQUIPMENT, INC.		
SCALE: As Shown	APPROVED BY:	DRAWN BY:
DATE: A.V.		REVISED 05-30-95
Vesada Auto Repair Corp 6900 SW 8 St Miami Fl		
UST Detail		DRAWING NUMBER 3 of 4



Item	Description
A	Healy Nozzle #400
B	Healy Coaxial Hose Assem
C	Healy Hose Adaptor
D	Healy Breakaway #8701
E	1/2" OD Copper Tube
F	1/2" Tee (Galv)
G	1/2" Sched 40 Pipe (Galv)

Healy System Retrofit
Non-Vapor Ready MPD
NTS

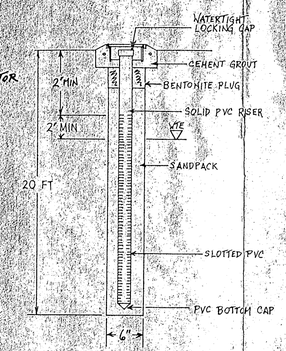


Item	Description
A	Healy Hose Clamp
B	Healy Coaxial Hose Assem
C	Healy Hose Adaptor
D	1/4" Tee (Galv)
E	1/2" OD Copper Tube

Note Impact Valve Shear Section To Be Set Even With Top Of Dispenser Island.

Healy System Retrofit
Non-Vapor Ready Dispenser
NTS

Note: Risk of Fire Sched 40 Pipe
Screen of 1/8" Sched 40 Pipe or 1/8" Slot
Bentonite Plug Placed Between Sandpack and Grout
Sandpack of Coarse Silica Sand
Reinforcement Bars Installed Around Meter Box
Well Screen May Be Into Groundwater
Typical Well Screen Range Below Note 1-14



Typical Monitor Well
NTS

Healy Stage II
Scope Of Work:

1. Install Healy Stage II Vapor Recovery System On Two (2) 10,000 Gallon Underground Storage Tanks Containing Unleaded Gasoline, Employing Healy 9000 System Pump.
2. Retrofit Existing Dispensers For Healy System With Approved Healy Nozzles, Hoses, And Adaptors.
3. Manifold Existing Unleaded Gasoline Vents As Per Healy Specs With Approved Healy Pressure/Vaccum Vent Cap.

Notes:

All Piping To Have A Slope Of 1/8" Per Foot Min Towards Tank.

Gasoline Rated, Non-Hardening Pipe Compound To Be Used On Pipe Thread Only.

Healy Co-Axial Hose Is CARB Certified For Use In Contact With Driveway.

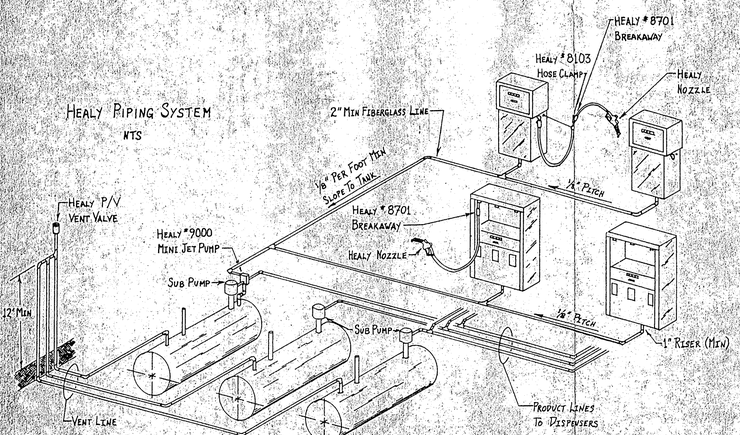
System To Be Installed In Compliance With Manufacturers Specs And CARB Executive Order G-70-70-AC

Equipment To Be Installed In Accordance With NFPA-70 And Automotive & Marine Service Code NFPA-30A

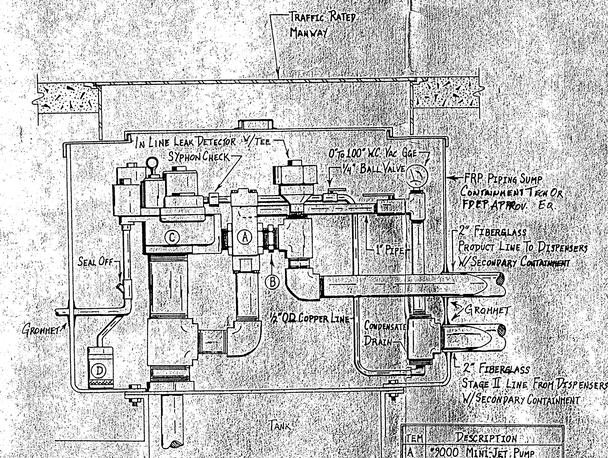
Drawing And Schematics Shown In Plans Are Suggested Routing Of Vapor Recovery Lines. Contractor To Locate And Route Piping As Shown Where Possible. If Alternates Improved Routes Are Found, Notify Engineer Of Record, And Regulatory Agencies.

In Line Leak Detectors To Be Compatable With Rigid Fiberglass Lines.

All Components To Be FDEP Approved.

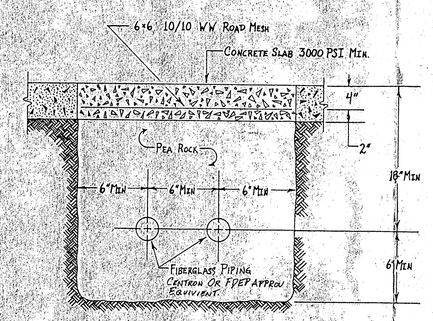


Healy Piping System
NTS



Item	Description
A	#9000 Mini-Jet Pump
B	#212 BPR Check Valve
C	Sub Pump (3/4 to 1 1/2 HP)
D	Sump Sensor If Required

9000 Mini-Jet Installation
NTS



Typical Trench Bury
NTS

Metropolitan Dade County
Pollution Control Division
Underground Storage Facilities
Approved [illegible]
Date 5/2/95

Miller Industrial Equip. Inc.

Scale: As Shown	Approved By: [illegible]	Drawn By: [illegible]
Date: 7/11/94		Revised: 05-30-95
Vegata Auto Repair Corp. 6900 SW 8 St Miami FL		
Detail Sheet		Drawing Number 1 of 1

DEPT. OF ENVIRONMENTAL RESOURCES MANAGEMENT

PLANS PROCESSING

DEPARTMENTAL APPROVAL — DATE:

PLAN REVIEW

SECTIONS	DISAPPROVED	DATE	APPROVED	DATE
PLAN REVIEW				
HAZARDOUS WASTE				
HAZARDOUS FACILITIES				
STORAGE TANK			NW	5/21/95
WATER SUPPLY				
WASTEWATER				
INLAND & FRESHWATER RESOURCES				
WATER CONTROL				
FLOOD CRITERIA				
AIR				
(AQR FACILITIES) PLANNING & EVALUATION				

*PERMIT NOT VALID UNTIL DEPARTMENTAL APPROVAL IS ISSUED BY PLAN REVIEW SECTION.