



Camp Dresser & McKee Inc.

consulting
engineering
construction
operations

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March 30, 2001

Mr. Kim Ford, P.E.
Solid Waste Section
Division of Waste Management
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

D.E.P.
MAR 30 2001
Southwest District Tampa

Subject: West Pasco Landfill Cells SW-2 and A-3, Responses to DEP
Comments Dated March 20, 2001

Dear Mr. Ford:

The following is in response to your request for additional clarification on the above-referenced project, dated March 20, 2001. Your comments are bold type, and our responses follow:

1. **62-701.510: Groundwater Monitoring Plan and required supporting information in response to Mr. John Morris's March 16, 2001 memorandum (attached).**

Response: Attached is a complete copy of the revised Groundwater Monitoring Plan, and the Groundwater Monitoring Plan Evaluation.

2. **Condition of Certification XIII: Replacement sheets for the construction plans were received on January 19, February 19, and March 1, 2001. One complete set of construction plans with all revisions is requested.**

Response: A complete set of the final construction plans will be submitted to FDEP. It is anticipated that the final construction plans will be completed within two weeks.

- **Sheets C-3 and C-4: Description of flow meters for gravity flow from each old lift station is requested. Please provide a list of similar type projects for each type of proposed flow meters**

Response: Specifications for the flow meters and a list of similar installations are provided in Exhibit 3.1

- **Sheets C-5 and C-6: Notes on Sheet C-5 appear to allow demolition and removal of existing piping without providing for the leachate containment described on**

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Sheet C-6: Combining these notes on one sheet as a sequence of events is suggested. Aggregate specifications on Sheet C-6 should be included.

Response: The containment berm has been added to Sheet C-5 for continuity. The course aggregate shall be FDOT No. 4 washed river rock or non-carbonate crushed river rock. The aggregate specifications have been included on Sheet C-6. See Exhibit *4.1*

- Sheet CD-1: The secondary collection header pipe should be shown on Detail I.

Response: Detail I has been modified to show the secondary collection header pipe. See Exhibit *5:3*

Please call if you have any questions or comments. We appreciate your immediate attention to this information.

Very truly yours,

CAMP DRESSER & MCKEE INC.

A. R. Mulla Saleh
for

Daniel E. Strobbridge, QEP
Vice President

Abdul Mulla Saleh, P.E., DEE
Associate

- c: B. Butera w/Enclosures
J. Morris w/Enclosures
D. Bramlett
V. Mannella
A. Mulla Saleh
D. Rojas

A. R. Mulla Saleh
3/30/2001

Exhibit 1

Plasti-Fab®

PRODUCTS FOR THE WATER AND WASTEWATER INDUSTRY

PACKAGED METERING MANHOLE

PRODUCT BULLETIN PMM-1
REV. 1

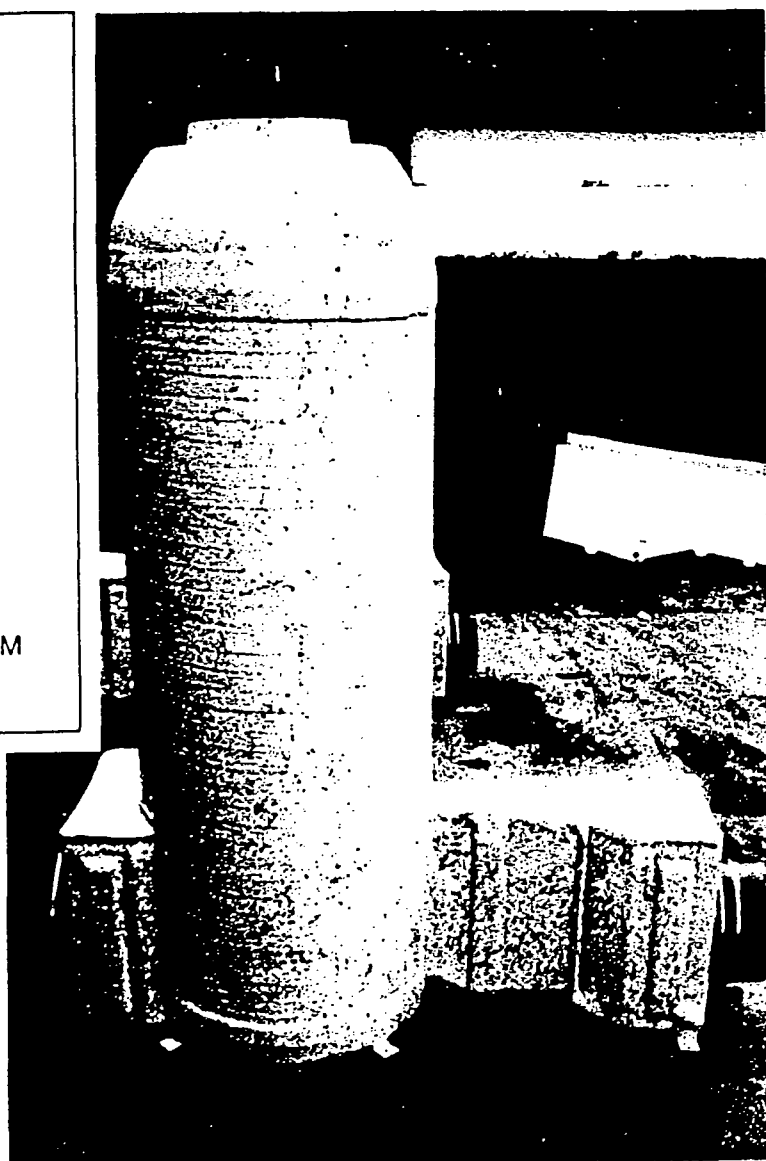
FIBERGLASS PACKAGED METERING MANHOLE



Built to meet the requirements of ANSI/ASTM D-3753 "Standard specifications for fiber-reinforced manholes."

**Not just another
fiberglass manhole —
but a complete "package"
featuring:**

- Integral Parshall or other flume for flow measurement
- Top cover or manhole reducer
- End adapters for quick connection to pipe
- Internal ladder
- Mounting brackets for flow sensors and other monitoring equipment



Plasti-Fab Packaged Metering Manhole as pictured is ready for installation.

A complete packaged metering manhole designed for easy installation to solve your flow measuring requirements in one clean package. Another first in design from Plasti-Fab, the specialist in flume flow measurement innovation.

PACKAGED METERING MANHOLE STRUCTURE

CHOICE OF COVER

- Light weight 48" diameter hinged fiberglass cover with hasp for locking.
- Concentric 24" diameter manway reducer for use with steel cover suitable for H-20 highway loading.
- Concentric 24" diameter reducer with aluminum watertight (gas tight) lid for nontraffic loads.

FIBERGLASS BARREL

- Watertight – one piece construction with FRP bottom completely seals manhole and eliminates infiltration.
- Lightweight – weighs less than 10% of a comparable concrete structure to permit fast easy installation.
- Corrosion resistant – extremely resistant to numerous chemicals, salt water, corrosive soil conditions, ground water and electrolysis.
- Strong – built to meet structural requirements of ASTM D-3753 and very durable.
- Smooth – super smooth interior provides a clean non-abrasive working place inside the manhole.

SELF CONTAINED FLOW MEASUREMENT AND MONITORING CAPABILITY

- Normally supplied with an integral FRP Parshall or Palmer-Bowlus flume. Other flumes and flow devices may be used including Cutthroat, Trapezoidal, H-flumes, Weirs or closed pipe meters.
- Mounting brackets or sensor cavities are available for all types of flow meters and other monitoring requirements such as sampling, pH, conductivity and temperature.

CONVENIENT FEATURES & ACCESSORIES

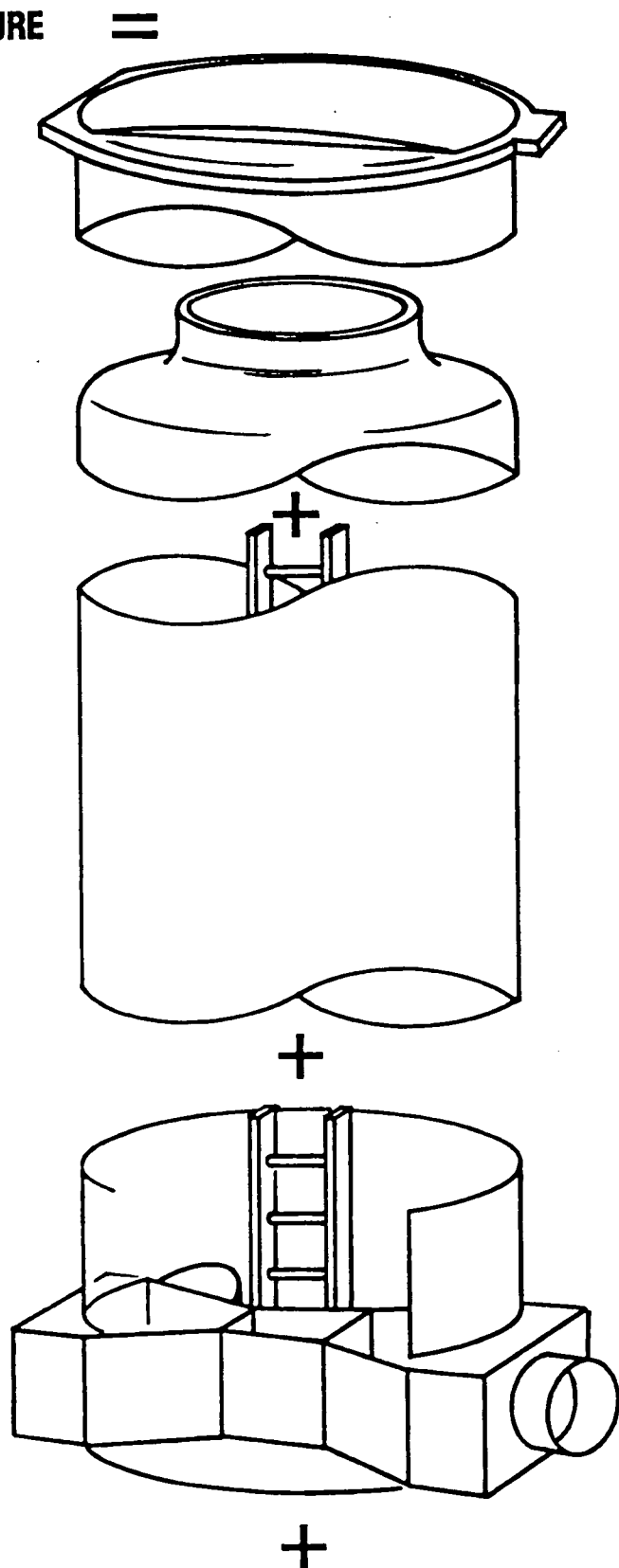
- FRP ladder is provided on units over 4 feet deep.
- Top of flume may be covered with FRP grating or cover (optional).
- Shelf, bracket or hook for mounting flow meter or other equipment may be provided (optional).
- Utility taps for convenient sub-grade hook-ups, or above grade enclosures for meters and samplers are available (optional).

Also ask about

- Vents, safety straps and other OSHA safety devices (optional depending on manhole depth).

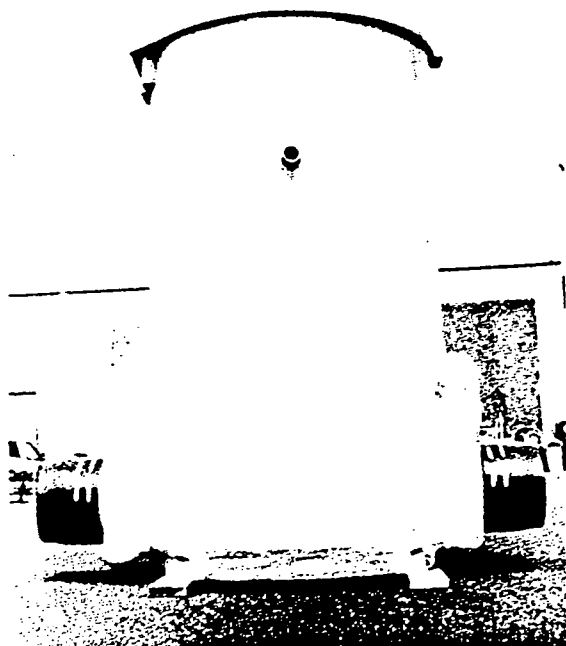
END ADAPTERS FOR PIPE

FRP pipe stubs with flexible water-tight neoprene connecting boots are provided. Neoprene boot is attached with stainless steel clamps to provide an easy to install connection.

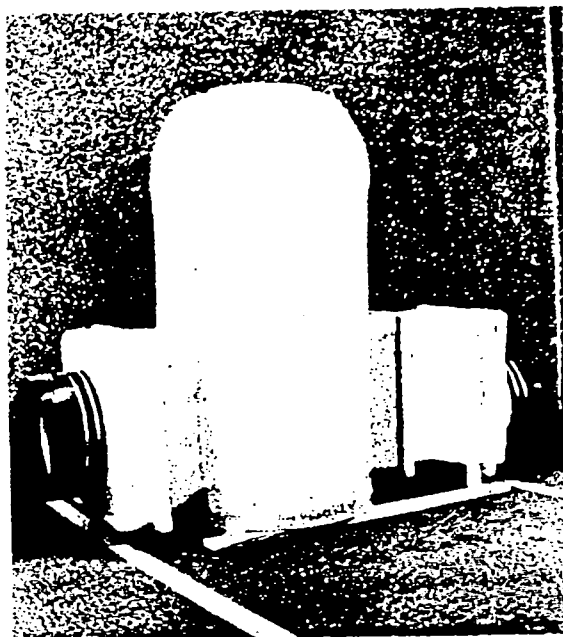


A COST SAVING TO INSTALL

One piece construction combined with light weight and simple connection to pipe results in less cost to install.



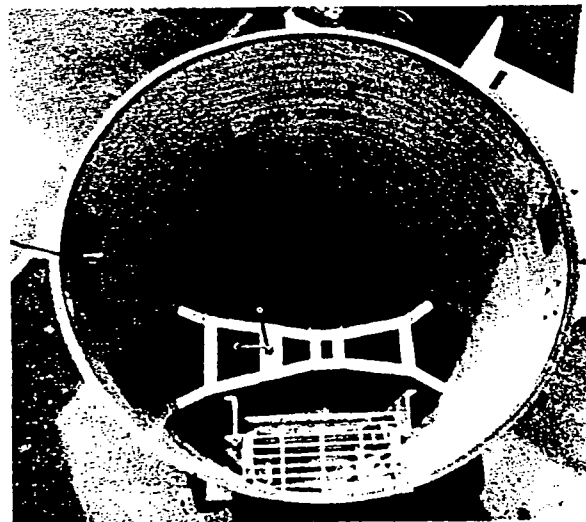
1. Plasti-Fab Packaged Metering Manhole with light weight hinged fiberglass cover ready to install. Note the neoprene connection on the pipe.



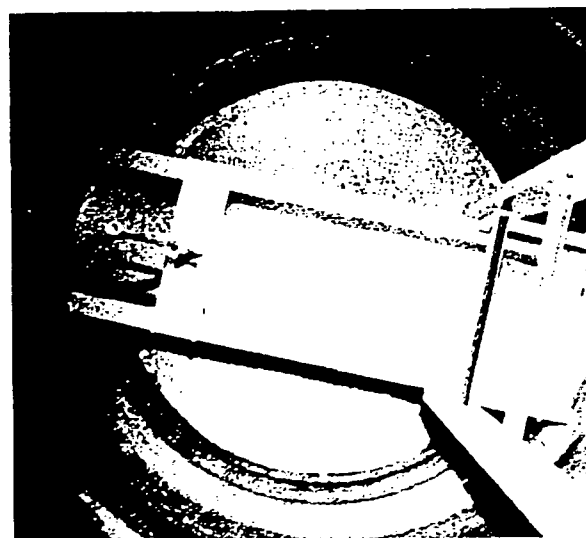
2. Plasti-Fab Packaged Metering Manhole with 24" diameter manway reducer.

MANUFACTURING

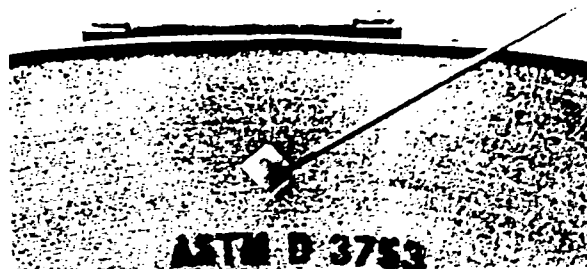
Plasti-Fab Packaged Metering Manhole is constructed completely from fiberglass reinforced plastic (FRP). An FRP Parshall, or other type flume, is incorporated into an FRP manhole. In addition the Packaged Metering Manhole has an FRP bottom which provides a sealed watertight package. An FRP ladder is provided on units over 4 feet in depth. The result is a complete Packaged Metering Manhole structure that incorporates the field proven integrity of FRP manholes with the years of flume and fiberglass technology of Plasti-Fab.



3. Internal view of manhole with hinged cover open showing the Parshall flume in the manhole and the FRP access ladder.



4. View inside the manhole showing the flume and ladder arrangement. Also note the FRP bottom on the manhole providing a totally enclosed watertight structure.



5. Corrosion resistant FRP manhole meets ASTM D-3753.

SECTION 02606

PACKAGED METERING MANHOLES

PART 1 -GENERAL

1.01 SCOPE OF WORK

- A. Furnish all labor, materials and equipment required and install packaged metering manholes, structures, frames and covers and appurtenances as shown on the Drawings and as specified herein.
- B. Each packaged metering manhole shall be a completely integral unit consisting of: a corrosion resistant fiberglass reinforced plastic (FRP) manhole with sealed fiberglass bottom, hinged fiberglass cover with locking hasp, fiberglass access ladder, metering flume and accessories as required. Two neoprene boots with stainless steel clamps sized to connect inlet and outlet pipe stubs shall be supplied by the manhole manufacturer and the manhole will be equipped with hold down brackets for anchoring the unit to a concrete slab. A ½-inch thick expanded polystyrene bead board will be supplied for placement on the concrete slab under the manhole.

1.02 RELATED WORK

- A. Earthwork is included in Section 02200.

1.03 SUBMITTALS

- A. Submit to the ENGINEER, in accordance with Section 01300, shop drawings, product data, materials of construction, and details of installation. Submittals shall include at least the following:
 - 1. Integrated base and riser sections, hinged fiberglass cover, fiberglass ladder, metering flume and accessories.
 - 2. Pipe connection to manhole.
 - 3. Method of anchoring the fiberglass manhole to a concrete section.
- B. Design Data
 - 1. Integrated metering manholes:
 - a. Six copies of sectional plan(s) and elevations showing dimensions.
 - b. Six copies of flume measuring device and data logging.
 - c. Six copies of solar power supply and control panel.

1.04 QUALITY ASSURANCE

- A. All material shall be new and unused.
- B. Materials' quality, manufacturing process and finished sections are subject to inspection and approval by ENGINEER or other OWNER representative. Inspection may be made at place of manufacture, at work site following delivery, or both.

- C. Materials will be examined for compliance with this Section and approved MANUFACTURER's drawings. Additional inspection criteria shall include: appearance, dimensions(s), blisters, and soundness.
- D. Materials shall be rejected for failure to meet any requirements specified herein. Rejection may occur at place of manufacture, at work site, or following installation. Mark for identification rejected materials and remove from work site immediately. Rejected materials shall be replaced at no cost to OWNER.

PART 2 - PRODUCTS

2.01 GENERAL

- A. Reference to a MANUFACTURER's name and model or catalog number is for the purpose of establishing the standard of quality and general configuration desired.
- B. Like items of materials/equipment shall be the end products of one MANUFACTURER in order to provide standardization for appearance, operation, maintenance, spare parts and MANUFACTURER's service.

2.02 FIBERGLASS MANHOLES

- A. Integrated fiberglass packaged metering manholes shall be as manufactured by Plasti-Fab, Inc., or approved equal. The metering manhole shall conform to the following requirements:
 - 1. The packaged metering manhole shall have a minimum ½-inch wall thickness and be designed and manufactured in accordance with ANSI/ASTM D3753-81 Standard Specification for fiber reinforced manholes. Any portion of the flume or end adapters extending outside the manhole shall have a reinforced cover. The manhole sides, bottom and external flume sections shall be designed to withstand a static load of 150 lb/ft per foot of depth with less than ¼-inch deflection. There shall be no light duty angles of flanges protruding beyond the flume or manhole, that can be damaged by shear or load forces. The fiberglass manhole shall be fabricated with polyester resin, in one integral piece that is structurally strong, lightweight, watertight and corrosion resistant to saltwater, groundwater, corrosive soil conditions and many commonly encountered industrial chemicals.
 - 2. Fiberglass barrel shall be 60 inches in diameter. The barrel shall have a minimum ½-inch thickness. Interior of barrel shall have a 15-20 mil thick white gel coat. Barrel manufacturer shall be the same as that of the flume and the accessories.
 - 3. The packaged metering manhole will be furnished with a fiberglass cover equipped with heavy duty stainless steel hinges having ½-inch diameter hinge pins and stainless steel hasp for locking. The cover shall be sufficient strength to withstand 1,000 lbs. top load. The cover shall overlap the manhole and seat on a neoprene seal to prevent dirt, rain and debris from getting into the manhole. Six-foot diameter barrel to have a 5-foot diameter hinged lid.
 - 4. The manhole barrel shall be fitted with a minimum of two access taps with 2-inch diameter FRP through-wall utility tap(s) having threaded connections to permit subgrade entrance of power recording lines without damaging the watertight integrity of the manhole.

B. Pipe Stubs

1. The manhole and flume shall be provided with 8.625-inch O.D. pipe stubs for connection to 8.625-inch O.D. incoming and outgoing HDPE SDR 17 pipe. Flume end adapters shall allow a smooth flow transition from pipe flow to flume flow.

C. Flume

1. The flume shall be designed to handle a normal flow of 5 GPM with expected peak flow of 55 GPM and minimum flow of 0 GPM. The flume shall be a trapezoidal type of flume. Flume inside surface shall be smooth, isophthalic gelcoat of 10-20 mil thickness. Flume shall be constructed of orthophthalic polyester resin reinforced with fiberglass. The minimum glass content shall be 30% exclusive of gelcoat surfaces. Nominal wall thickness shall be a minimum of ¼-inch for areas inside the barrel and ½-inch minimum for portions extending beyond the barrel.

D. Ladder

1. The packaged metering manhole shall be furnished with an internal fiberglass ladder to provide easy access. The ladder rungs shall have a non-slip traction surface and internal stainless steel safety bar. The ladder shall meet or exceed OSHA General Industry Standards, Part 1910.27 for "Fixed Ladders."

E. Flowmeter and Data Logger

Furnish open channel flowmeters meeting the requirements set forth in the following specifications.

1. The open channel flowmeter shall utilize the bubbler principle for depth measurement. The bubble rate shall be microprocessor controlled. To assure accuracy, the microprocessor shall maintain a constant bubble rate as the level varies, over the entire level measurement operating range. The flowmeter shall have an automatic line purge, with field selectable time intervals. The bubbler shall respond quickly to rapid changes in level. The level measurement operating range shall be from 0 to 10 feet.
2. The flowmeter shall operate on 12 VDC which is furnished via a battery and solar panel. All electrical components shall be housed in a NEMA 4X,6 enclosure. The enclosure shall have a continuous hinged front cover to protect the display and keypad and shall maintain NEMA 4X,6 with the cover open. The enclosure shall contain desiccant and a front panel humidity indicator. It shall not be necessary to open the front cover to view the current program status. An external push button on the enclosure shall display the current status.
3. The flowmeter shall have an 8 line x 40 character liquid crystal graphics display. In addition to indicating all programming steps and current status, the display shall show all logged data in field selectable tabular and graphics (X-Y plot) format. All program steps shall be entered via a sealed front panel keypad. A laptop PC or any other external means shall not be required to program the flowmeter.
4. The field selectable units of measurement shall be as follows:
Level: Inches, feet, centimeters, and meters.
Flow Rate: Gallons per second, gallons per minute, gallons per hour, million gallons per day, acre-feet per day, liters per second, liters per minute, liters per hour, cubic feet per second, cubic feet per minute, cubic feet per hour, cubic feet per day, cubic meters per second, cubic meters per minute, cubic meters per hour, and cubic meters per day.
Total Flow: Gallons, cubic feet, acre-feet, liters, and cubic meters.

5. The flowmeter shall be capable of storing at least 17,000 data points, and up to 32 days of daily summaries for minimum, maximum, average, cumulative average, total, and cumulative total flow. Slate and wrap-around data storage shall be field selectable, and the display shall indicate the total time available for data logging. For fast data retrieval, the flowmeter shall have an RS232 serial interface port with the data transfer at 19,200 baud.
6. The flowmeter shall have two software totalizers, one resettable and one non-resettable. The totalizers shall have field selectable scaling (i.e., x1, x10, x100, ... x1,000,000).
7. Overall flowmeter dimensions including the power supply shall not exceed 13.5" H x 10" W x 9.5" D. Total weight including the power supply shall not exceed 15 lbs.
8. The Manufacturer shall provide a handheld data transfer device that shall utilize 2 megabytes of RAM memory. The data transfer device shall be capable of holding data from up to 20 loggers in 20 discrete data cells to allow fast, reliable on-site data retrieval. The data transfer unit shall allow both data retrieval and data transfer to a PC for analysis. The dimensions of the DTU shall not exceed 4.5" L x 2.8" W x 1.2" H.
9. An IBM compatible software package shall be provided that will allow programming of the instrumentation and data retrieval. The software shall provide report and graph templates and will allow data editing while maintaining original data. The programming shall allow for sensor offset for level calibration. The output shall include tabular reports for date, time, velocity and flow at the sampling rate as programmed; hourly level, velocity and flow averages as programmed; daily flow averages; hydrographs of velocity, level, and flow versus time for raw, hourly or daily time intervals. The system shall be able to display currently sensed level, velocity and flow on a PC. The software shall provide a flow simulator for verification of flows in any primary device.
10. The following items shall be furnished with the specified equipment in the quantities indicated:
 - a. American Sigma Model 950 Bubbler Open Channel Flowmeter
 - b. 50 feet of 1/8" ID Vinyl Bubble Tubing
 - c. 6.5 Watt Solar Panel, 12VDC Battery, and Power Regulation System
 - d. DTU II Data Transfer Unit
 - e. InSight for Windows Report Generation Software
 - f. 1-Day Startup Assistance and Operator Training

The flowmeter shall be the SIGMA 950 Bubbler as manufactured by American Sigma, Inc., Loveland, Colorado, 1-800-377-0964.

PART 3 - EXECUTION

3.01 INSTALLATION

A. General

1. The packaged metering manhole shall be installed in accordance with the ENGINEER's specifications and local codes and in a manner consistent with the installation instructions and recommendations of the manufacturer. The CONTRACTOR shall see that good construction and installation procedures are followed throughout handling, storage and placement to insure that the manhole is not damaged in any manner, and that maximum serviceable results are achieved.
2. During loading, unloading and storage, care shall be exercised to insure that the

manhole is not dropped or otherwise damaged through impacting with solid surfaces. The manhole shall be stored on a smooth surface, free of sharp objects, and if laid horizontally, shall be placed in such a way as to avoid structural damage to the inlet and outlet channels. Slinging will be accomplished using nylon or other fabric material. Under no circumstances shall cable or chain slings be used in direct contact with fiberglass surfaces.

B. Site Preparation

1. The site shall be excavated wide enough to accommodate the manhole and to provide a safe working environment for workers. The CONTRACTOR shall provide a level concrete slab with a thickness of 6 inches with smooth troweled surface. Pad elevation shall be compatible with manhole elevations shown on the drawings, and positioned so that the invert of manhole piping matches that of the pipeline. Pad size shall be 6 feet width by 6 feet length and fitted with T-304 stainless steel anchor bolts at the location indicated on the ENGINEER's drawings.
2. Placement and Final Installation: Prior to manhole placement, the slab shall be cleaned of all sharp objects and debris, and the foam pad, supplied with unit, properly placed on slab. Neoprene boots supplied with unit, shall also be placed onto existing pipes before lowering manhole onto concrete slab.

Packaged metering manhole shall be lowered onto slab and properly located on anchor bolts in accordance with the MANUFACTURER's written instructions and recommendations. Slip neoprene boots with stainless steel clamps over pipe ends, and tighten clamps securely. Under no circumstances shall petroleum lubricants of any type be used to install boots.

After placement on the foam pad, all anchor bolts shall be securely tightened to tie downs on packaged manhole, and the flume level shall be checked and adjusted as necessary. On larger units all open spaces under the flume shall be filled with grout to provide adequate structural support.

C. Backfilling

1. Care shall be taken to avoid uneven backfill loads on the packaged manhole. Groundwater or surface water runoff shall not be allowed to accumulate in the open excavation around a manhole which has not been completely backfilled. Backfill materials shall be placed evenly around the packaged manhole in maximum 12-inch lifts. If materials other than pea gravel or sand are to be used as fill, there shall be no soil lumps or sharp objects such as rocks, concrete or other debris larger than 1 inch in size. All fill work will be in compliance with local codes, and shall meet the inspection standards established by the ENGINEER.
2. For concentric top, CONTRACTOR shall finish to grade using brick and mortar or precast concrete rings to construct chimney of required height. Mortar bed and first grade ring shall be firmly supported on flat, bearing shoulder of packaged manhole.

3.02 CLEANING

- A. Thoroughly clean all new manholes of all silt, debris and foreign matter of any kind, prior to final inspections.

END OF SECTION

MAR-27-2001 TUE 06:11 PM PLASTI-FAB INC

FAX NO. 15036921145

P. 01

Plasti-Fab[®]
INC.**- FAX -**

A DENALI Company

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.com

Post-it [®] Fax Note	7671	Date	3-29	# of pages	19
To	Abdul	From	Jeff Smith		
Co./Dept.	CDM	Co.	Alpha Valve		
Phone #	281-2800	Phone #			
Fax #	288-8787	Fax #			

ATTN: JEFF SMITH@: ALPHA VALVEYOUR REF: CDM MANHOLEFRONT: THANK YOU VERYPH: REFERENCE LISTFAX #: 813-968-5333

PLASTI-FAB REF: _____

PARTIAL LIST OF INSTALLATIONS

THIS REPRESENTS A SMALL PORTION OF THE METERING MANHOLES THAT PLASTI-FAB HAS SOLD IN THE PAST 18-20 YEARS. YOU WILL FIND 25 UNITS INSTALLED IN FLORIDA, AND A GOOD MANY MORE THROUGHOUT THE SOUTHEAST. CONE IS 2 SIZE = 6", 9", 12" PARSHALL OR PALMER-BOWLING, 60° TRAPEZOIDAL (T) (PF) (PB) ETC. L = HINGED LID ; C = CONE TOP ; A = CAST IRON LID.

CALL IF YOU HAVE QUESTIONS:

REGARDS,

ALAN BEYER

Notice: This communication is intended to be confidential to the person(s) to whom it is addressed. If you are not the intended recipient or the agent of the intended recipient or if you are unable to deliver this communication to the intended recipient, please do not read, copy or use this communication or show it to any other person, but notify the sender immediately by telephone at (503) 692-5460.

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 FAX NO. 15036921145
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SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
8	PF		1489	21176	L	CITY OF WEST FARGO	WEST FARGO	ND	DAVCO
60XL	T		1490	21253	L	AMOCO CHEMICAL	JOLIET	IL	ELAN
9	PF		1491	21256	L	KELLY AFB	SAN ANTONIO	TX	EMSI
60XL	T		1492	21055	C	TRA; ARLINGTON LANDFILL	ARLINGTON	TX	EMSI
60LG	T		1493	21191	L	HARLAND, INC.	CONYERS	GA	CASCADE
60XL	T		1494	21216	C	THE ROHAN CO	SAN ANTONIO	TX	EMSI
60XL	T		1495	21104	L	RADIAN CORP	AUSTIN	TX	EMSI
12	PB		1496	21276	L	NIST	GAITHERSBURG	MD	SHERWOOD L.
8	PB		1497	21188	C	CITY OF BELLINGHAM	BELLINGHAM	WA	WHITNEY
3	PF		1498	21267	L	PITNEY VILLAGE	JUNCTION CITY	OR	WHITNEY
60LG	T		1499	21193	L	RIVERSIDE HIGH SCHOOL	ELLWOOD	PA	ADVANCE
60XL	T		1500	21384	L	EAST COAST SERVICES	LAKELAND	FL	JOHNSTON
6	PF		1501	21066	L	CLAYTOR LAKE SEWER	PULASKI	VA	JOHNSTON
3	PF		1502	21341	L	FLOUR DANIEL-SUNDOR BRANDS	ATLANTA	GA	CASCADE
10	PB		1503	21321	C	WYETH LAB	MARIETTA	PA	B/S
2	PF		1504	21318	L	GLEN MEADOWS RETIREMENT COMM.	GLEN ARM	MD	SHERWOOD L.
12	PB		1505	21251	L	THOMPSON ELECTRONICS	CIRCLEVILLE	OH	ANDERSON, DM
2	PF		1506	21312	A	SANTA FE RAILROAD	CITY OF COMMERCE	CA	MAG
12	PB		1507	21348	C	STANFORD UNIV.	STANFORD <i>Palo Alto</i>	CA	ORATECH
60XL	T		1508	21203	L	GIT	SMITHFIELD	NC	JOHNSTON
60XL	T		1509	21203	L	GIT	SMITHFIELD	NC	JOHNSTON
60XL	T		1510	21483	C	HERSHEY FOODS	NAUGATUCK	CT	TECH SALES

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FAX NO. 15036921145

P. 03

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
6X12	PF		1446	20569	L	SWEDSEL-ROBBINS	SUN CITY/ GIRARD	AZ	G/S
6	PF		1447	20463	L	DIAMONDALE WWTP	DIAMONDALE	MI	HAMLETT
21	PB		1448	20633	C	STANFORD UNIVERSITY	STANFORD <i>Palo Alto</i>	CA	ORATECH
60	XL		1449	20681	L	BOTETOURT COUNTY LANDFILL	SALEM	VA	JOHNSTON
6	PF		1450	20710	L	PAYSON FRUIT GROWERS	PAYSON	UT	G/S
3	PF		1451	20648	L	SINCLAIR REFINERY	SINCLAIR	WY	G/S
6	PF		1452	20583	L	WRANGLER CORP	WILSON	NC	JOHNSTON
60XL	T	5'	1453	20637	C	COLGATE PALMOLIVE	CAMBRIDGE	OH	GILSON
60XL	T		1454	20669	L	EXPORT LEAF TOBACCO	WILSON	NC	JOHNSTON
3	PF		1455	20748	L	SUPERIOR INDUSTRIES	FAYETTEVILLE	AR	ENV DESIGN
8	PB		1456	20782	L	BABCOCK & WILCOX	LYNCHBURGH	VA	JOHNSTON
6	PF		1457	20742	C	BIG SKY COUNTRY	BIG SKY	MT	G/S
60LG	T		1458	20671	L		STRATTENVILLE	PA	ADVANCE
60XL	T	5'	1459	20467		NAT'L INST. OF HEALTH	POOLESVILLE	MD	CONTROL EQUIP
42	PB	5'	1460	20812	L	SALT LAKE CITY SANIT. DIST	SALT LAKE CITY	UT	G/S
6	PB		1461	20724	C	LAKE HAVASU CITY	LAKE HAVASU CITY	AZ	G/S
8	PB		1462	20724	C	LAKE HAVASU CITY	LAKE HAVASU CITY	AZ	G/S
8	PB		1463	20724	C	LAKE HAVASU CITY	LAKE HAVASU CITY	AZ	G/S.
9	PF		1464	20699	L	WALMART UTILITIES	ALBANY	AL	LYNCH
6	PF		1465	20887	A	LYNCHBURG WWTP	LYNCHBURG	VA	JOHNSTON
3	PF		1466	20829	L	BOYD CO, SANIT. DIST. #4	ASHLAND	KY	ANDERSON, D M
3	PF		1467	20825	L	GREAT LAKES CHEMICAL	MEMPHIS	TN	ENV DESIGN

P. 04

FAX NO. 15036921145

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SIZE	TYPE	Ø	SERIAL	JOB	L/D	CUSTOMER	CITY	STATE	REP
3	PF		1378	19949	L	CARBORUNDUM CO	NEW CARLISLE	IN	ANDERSON, BL
3	PF		1379	19758	L	RICHARDSON FOODS	MACEDON	NY	B/S
80XL	T		1380	20008	L	CARTER WALLACE	COLONIAL HTS	VA	JOHNSTON
12	P		1382	19697	L	HOLLY SPRINGS	HOLLY SPRINGS	MS	LYNCH
9	PF		1383	19697	L	HOLLY SPRINGS	HOLLY SPRINGS	MS	LYNCH
9	PF		1384	19697	L	HOLLY SPRINGS	HOLLY SPRINGS	MS	LYNCH
12	PF		1385	19917	L	PAK TAK	DEER PARK	TX	EMSI
10	PB		1386	19983	C	BIG RIVER ZINC CORP	SAUGET	IL	VANDEVANter
3	PF		1387	20056	C	PONDEROSA OF TENN	MEMPHIS	TN	TRIGON
3	PF		1388 1389	19943	L	DAMON G DOUGLAS	EAST HANOVER	NJ	TRIPP
2	PF		1390	19915	L	CONTRI CONSTRUCTION	MANILA	CA	ORATECH
3	PF		1391	19815	L	CONTRI CONSTRUCTION	MANILA	CA	ORATECH
12	PB		1392	20126	L	KWM SYS	EXPORT	PA	ADVANCE
3	PF		1393	20075	C	MASON VEE VAY TWP	HOLT	MD	HAMLETT
12	PB		1394	20007	L	SIMPSON TIMBER	PORTLAND	OR	WHITNEY
2	PF		1395	20102	L	OWENS VALLEY UTILITY SUPPLY	OWENS VALLEY	CA	ORATECH
60XL	T		1396	20151	C	UNION TANK CAR	EAST CHICAGO	IL	ELAN
60	T		1397	20093	L	WELLERWIRE	CHELAW	SC	JOHNSTON
60XL 60XL	T T		1398 1399	20014	L	JOHNSON STATE COLLEGE	JOHNSON	VT	TECH SALES
9	PF		1400	20236	L	CAVADISH FARMS	NEW BRUNSWICK	CANAD	NORTECH
3X6	PF		1401	20158	C	W W DRIDGE	CUYAHOGA	OH	GILSON

P. 05

FAX NO. 15038921145

MAR-27-2001 TUE 06:12 PM PLASTI-FAB INC

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
3	PF		1354	19832	L	SMITH KLINE BEECHUM	AIKER	SC	JOHNSTON
10	PB		1355	19748	C	NORTH DAVIS SID	SYRACUSE	UT	G/S
9	PF		1356	19749	L	HUDSON WTP	HUDSON	MA	TECH SALES
60	T		1357	19800	C	BERG ELECTRONICS	MT UNION	PA	ADVANCE
60XL	T		1358	19952	L	HRP	CUMBERLAND	VA	JOHNSTON
60XL	T		1359	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1360	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1361	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1362	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1363	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1364	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1365	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1366	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1367	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1368	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1369	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1370	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1371	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1372	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1373	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
60XL	T		1374	19470	C	HANSCOM AFB	BEDFORD	MA	TECH SALES
6	PF		1375	19858	C	BOARD OF PUBLIC WORKS	BAMBERG	SC	JOHNSTON
60	T		1376	19854	L	NC BOX	RALEIGH	NC	JOHNSTON
9	PF		1377	19855	L	FL DEPT OF CORRECTIONS	WAKULLA	FL	BLANKSHIP

P. 06

FAX NO. 15036921145

MAR-27-2001 TUE 06:13 PM PLASTI-FAB INC

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
9	PF		1242	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
9	PF		1243	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
6	PF		1244	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
6	PF		1245	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
6	PF		1246	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSSTON
3	PF		1247	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
3	PF		1248	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
3	PF		1249	1856	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
3	PF		1250	18409	C	POSDEF POWER CO	STOCTON	CA	ORATECH
12	PF		1251	18384	C	OWENS CORNING	NEWARK	OH	GILSON
60	T	5'	1252	18493	L	CHARLES COLE MEMORIAL HOSP	COUDERSPORT	PA	ADVANCE
60XL	T		1253	18641	C	STANDARD PROD	ROCKY MOUNT	NC	JOHNSTON
3	PF		1254	17621	L	INDIAN HILLS WWTP	RENO	NV	ORATECH
3	PF		1255	17621	L	INDIAN HILLS WWTP	RENO	NV	ORATECH
3	PF		1256	18593	L	EXXON CHEM	MILTON	WI	TES
6	PF		1257	18628	L	JOHN D STEPHENS	STONE MT	GA	CASCADE
9	PF		1258	18682	C	WILLAMETTE IND	ALBANY	OR	WHITNEY
6X9	PF		1259	18581	L	LITTLE COUNTY AIRPORT WATER & SEWER IMP	ALBEMARLE	NC	JOHNSTON
60XL	T		1260	18577	L	BLANKENBERGER BROS	CYNTHIANA	IN	ANDERSON,B.L
3	PF		1261	18769	L	CONTAINER MANAGEMENT SERV	GREENVILLE	SC	JOHNSTON
10	PB		1262	18695	L	HEATCRAFT INC	GRENADA	MS	LYNCH
3	PF		1263	18691	C	AT&T WWTP	SHEWSBURY	NJ	TRIPP

P. 07

FAX NO. 15036821145

MAR-27-2001 TUE 06:13 PM PLASTI-FAB INC

SIZE	TYPE	Ø	SERIAL	JOB	U D	CUSTOMER	CITY	STATE	REP
30	PB		1220	18312	L	PAK TANK CORP	DEERPARK	TXI	EMSI
3	PF		1221	18172	L	BROOKVILLE WWTP	BROOKVILLE	MS	LYNCH
60	T		1222	18380	L	PERRIGOLD CO	GREENVILLE	SC	JOHNSTON
60	T		1223	18420	C	SOUTHERN PROCESSORS	DANVILLE	VA	JOHNSTON
80 60XL	T T		1224 1225	18422	L	ICI AMERICAS	MT HOLLY	NC	JOHNSTON
60	T		1226	18423	L	US CORP OF ENG.	COTTAGE GROVE	OR	WHITNEY
60	PF		1227	18308	C	WILLIAMSON/TRAVIS COUNTIES MUD #1	AUSTIN	TX	EMSI
3 X 9	PF		1228	18421	L	MILLIKER & CO	ABBEVILLE	SC	JOHNSTON
3	PF		1229	18375	L	LONE STAR BREWING	SAN ANTONIO	TX	EMSI
60XL	T		1230	18403	L	APOLLO INC	HANFORD	WA	WHITNEY
60XL	T		1231	18498	C	BGF INDUSTRIES	ALTA VISTA	VA	JOHNSTON
60XL	T		1232	18504	L	MAGNETEK	ALTAVISTA	VA	JOHNSTON
10	PB		1233	18510	L	POLK COUNTY	POLK COUNTY	FL	BLANKENSHIP
15	PB		1234	18417	L	CITY OF IDAHO SPRINGS	IDAHO SPRINGS	CO	G/S
6	PF		1235	18385	L	HENRY FORK	CONOVER	NC	JOHNSTON
6	PF		1236	18385	L	HENRY FORK	CONOVER	NC	JOHNSTON
8	PB		1237	18526	L	FIRST BRANDS CORP	AMHERST	VA	JOHNSTON
9	PF		1238	18443	L	ROCKLAND PSYCHIATRIC CENTER	ORANGEBURG	NY	B/S
6	PF		1239	18387	C	THE BIBB CO	ROANOKE RAPIDS	NC	JOHNSTON
9	PF		1240	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON
9	PF		1241	18564	L	CHANDLER UTILITIES	SAVANNAH RIVER	SC	JOHNSTON

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SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
60	T		1091	17089	L	USPCI	SAN ANTONIO	TX	EMSI
80	T		1092	17058	L	HOOTS MEMORIAL HOSPITAL	YADKINVILLE	NC	JOHNSTON
6	PB		1093	17162	L	ODOMS SAUSAGE	LITTLE ROCK	AR	TRIGON
3	PF		1094	17112	C	HENKEL CORP	CINCINNATI	OH	SAMCO
3X6	PF		1095	17180	C	CONTADINA	WOODLAND	CA	ORATECH
3	PF		1096	17091	L	TARCOWESTMINSTER GOLF COURSE	WESTMINSTER	CO	G/S
8	PF		1097	17176	C	ROSS LAB	ALTAVISTA	VA	JOHNSTON
3	PF		1098	17080	L		STANFIELD	OR	WHITNEY
60	T		1099	17203	L	NORFOLK SOUTHERN CORP	FRANKFORT	IN	JOHNSTON
6	PB		1100	17178	L	M TEX INC	TRAVELERS REST	SC	JOHNSTON
60XL	T		1101	17208	L	GATX	WAYCROSS	GA	CASCADE
8	PB		1102	17253	L	BRISTOL UTILITY	BRISTOL	VA	JOHNSTON
2	PF		1103	17214	L	ACME LANDFILL	MARTINEZ	CA	ORATECH
1	PF		1104	17186	L	BRENNAN LEATHERS	HIGH POINT	NC	JOHNSTON
6	PF		1105	17242	L	PKG CORP OF AM	PLATTSBURG	NY	B/S
12	PF		1106	17041	C	PRESCOTT VALLEY WWTP	PRESCOTT	AZ	G/S
12	PF		1107	17041	C	PRESCOTT VALLEY WWTP	PRESCOTT	AZ	G/S
60XL	T		1108	17263	L	GULSETH CONSTRUCTION SARGENTO CHEESE	KIEL	WI	TES
60XL	T		1109	17070	L	STOCKHAUSEN	GREENSBORO	NC	JOHNSTON
3	PF		1110	17337	L	AIKEN-VERENESLWO PARK	AIKEN	SC	JOHNSTON
60	T		1111	17267	C	FLEMING LAB	CHARLOTTE	NC	JOHNSTON

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P. 09

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
60XL	T		1069	15882	L	NORFOLK WTP	NORFOLK	VA	JOHNSTON
3	PF		1071	16974	A	BOWEN ENG	WHEELER	IN	ANDERSON, B L
8	PB		1072	16902	C	OI-NEG	COLUMBUS	OH	GILSON/SAMCO
10	PB		1073	16945	L	LANSING CORRECTIONAL FACILITY	LANSING	NY	B/S
10	PB		1074	16945	L	LANSING CORRECTIONAL FACILITY	LANSING	NY	B/S
3	PF		1075	16998	L	QUALEX FILM PROCESSING	LIVERPOOL	NY	B/S
60	T		1076	16953	L	MERITA BAKERY	JACKSONVILLE	FL	BLANKENSHIP
3	PF		1077	16453	L	COLUMBUS SOUTH TERRACE	COLUMBUS	IN	ANDERSON, B L
6	PB		1078	17026	L	LINATEX	GALLATIN	TN	LYNCH
60XL	T		1079	16690	C	PLAINS CO-OP OIL MILL	LUBBOCK	TX	EMSI
60	T		1080	16690	C	PLAINS CO-OP OIL MILL	LUBBOCK	TX	EMSI
8	PB		1081	17037	L	TASTEMAKER	LAKE LAND	FL	BLANKENSHIP
60	T		1082	16982	L	GEORGIA PACIFIC	OLYMPIA	WA	WHITNEY
6	PB		1083	17015	L	DORADO ENTERPRISES	LA	CA	MAG SYS
6	PF		1084	16762	C	EASTERN COMM CORRECTIONS CENTER	UNCASVILLE	CT	TECH SALES
6	PF		1085	17050	L	WRANGLER INC	WILSON	NC	JOHNSTON
2.5	H	5'	1086	17116	L	UOP	BLANCHARD	LA	LYNCH
3	PF		1087	16816	L	RAYTHEON CORP	WAYLAND	MA	TECH SALES
4	CUT		1088	17090	L	DR PEPPER BOTTLING	IRVING	TX	EMSI
60	T		1089	17103	L	CORMETECH	DURHAM	NC	JOHNSTON
60	T		1090	16961	L	SHOP TOWEL RENTAL	CHARLETTE	NC	JOHNSTON

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P. 10

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
6	PF		980	15819	L		CITY OF ANNA	OH	SAMCO
3	PF		981	15867	C	EASTMAN KODAK	ROCHESTER	NY	B/S
8	PB		982	15767	C	DONALDSON CO	NICHOLASVILLE	KY	SAMCO
8	PB		983	15944	C	KRAFT GENERAL FOODS	RICHMOND	VA	JOHNSTON
8	PB		984	15848	C	SPRINGS INDUSTRIES	LANCASTER	SC	JOHNSTON
3	PF		985	15938	L	CITY OF KNOX CITY	KNOX CITY	TX	EMSI
4"	CT		986	15953	L	NATIONAL LINEN	LUBBOCK	TX	EMSI
60	T		987	15977	L	MALLINCKRODT MEDICAL	RALEIGH	NC	JOHNSTON
60	T		988	15985	C	HERSEY FOODS	WINCHESTER	VA	JOHNSTON
60XL	T		989	15985	C	HERSEY FOODS	WINCHESTER	VA	JOHNSTON
60XL	T		990	15805	L	JETT INDUSTRIES	COLLIERSVILLE	NY	B/S
3	PF		991	15840	L	EXXON CORP	MEMPHIS	TN	TRIGON
12	PB		992	15954	L	PEERLESS-PREMIER	BELLEVILLE	IL	DURKIN
3	PF	6"	993	15845	L	EXXON CO	KNOXVILLE	TN	CASCADE
2"-4S	T		994	15875	C	BROOKS AFB	SAN ANTONIO	TX	EMSI
8	PB		995	16093	L	WEYERHAEUSER	LITHONIA	GA	CASCADE
18	PF		996	16046	C	ST JOHNS LANDFILL	PORTLAND	OR	WHITNEY
60XL	T		997	16001	L	ECKERD PHOTO LAB	CHARLOTTE	NC	JOHNSTON
6	PB		998	16055	L	BAYFRONT MEDICAL CENTER	ST PETERSBURG	FL	BLANKENSHIP
3	PF		999	16057	L	MEYERS & CHAPMAN	CHARLOTTE	NC	JOHNSTON
6	PB		1000	16156	C	UNIFIRST	COLUMBUS	OH	SAMCO
9	PF		1001	16177	C	AUNT NELLIES	MILWAUKEE	WI	TES
6	PF		1002	16233	L	G F YOUNG	ST PETERSBURG	FL	BLANKENSHIP

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P. 12

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
6	PB		915	15136	L	SILVER SPRINGS CONSERVATION CAMP	SILVER SPRINGS	NV	ORATECH
18	PF		916	15187	L	PART OF HOUSTON	HOUSTON	TX	EMSI
60	T		917	15362	L	ADVANCE REPROD CORP	N ANDOVER	MA	TECH SALES
3	PF		918	15351	L	OWENS ILL	STREATOR	IL	D/F/GILSON
6	PB		919	15372	L	BETHLEHEM STEEL	LACKAWANNA	NY	B/S
8	PB		920	15425	L	INT'L MARKET WORLD	AUBUNDALE	FL	BLANKENSHIP
2	PF		921	15443	L	TOWN OF SOUTH PRAIRIE	SOUTH PRAIRIE	WA	WHITNEY
3	PF		922	16170	C	CITY OF MORGANS POINT	MORGANS POINT	TX	EMSI
3	PF		923	15170	C	CITY OF MORGANS POINT	MORGANS POINT	TX	EMSI
3	PF		924	15170	C	CITY OF MORGANS POINT	MORGANS POINT	TX	EMSI
3	PF		925	15170	C	CITY OF MORGANS POINT	MORGANS POINT	TX	EMSI
6	PF		926	15120	C	CITY OF MORGANS POINT	MORGANS POINT	TX	EMSI
3	PF		927	15447	C	TURNER DAIRIES	FULTON	KY	TRIGON
3	PF		928	15368	L	CLIFFORD R LAWS	DEXTER	NY	B/S
60	T		929	15411	C	HAZLET SHOWCASE CENTER	T ENAFLY	NJ	TRIPP
4	CT		930	15388	L	PEQUOT CASINO WWTP	LEDYARD	CT	TECH SALES
6	PF		931	15392	C	AMOCO PERF PROD	GREENVILLE	SC	JOHNSTON
9	PF		932	15498	L	ELI LILLY & CO	GREENFIELD	IN	ANDESON, B L
60XL	T		933	15382	L	ELASTIC CORP	COLUMBIANA	AL	LYNCH
60XL	T		934	15501	L	IRECO	LOUISIANA	MO	DURKIN
1.0	H		935	15430	C	UNION CARBIDE	TONAWANDA	NY	B/S
6 X 9	PF		936	15499	L	LOYALOCK TOWNSHIP	LOYALOCK	PA	ADVANCE

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P. 13

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
60XL	T		869	14791	L	QUALITY & SERVICE ELECTROPLATING	GLEASON	TN	LYNCH
6	PF		870	14751	L	ASHCO PRECAST PRODUCTS	MORGANTOWN	WA	ADVANCE
3	PF		871	14912	L	SINCLAIR OIL	SINCLAIR	WY	G/S
6	PB		872	14839	L	BYNUM TRANSP	LAKELAND	FL	BLANKENSHIP
6	PF		873	14904	L	E P BRADY CO	CITY OF ABILENE	TX	EMSI
6	PF		874	14965	L	NA IND	CHATTANOOGA	TN	CASCADE
6	PB		875	14978	C	LYNCHBURG FOUNDRY	ARCHER CREEK	VA	JOHNSTON
60	T		876	14940	L	STONE CONTAINER	SALISBURY	NC	JOHNSTON
60	T		877	14835	C	PIEDMONT BISCUIT	CHARLOTTE	NC	JOHNSTON
6	PB		878	15002	C	PEPSI-COLA	FLAGSTAFF	AZ	G/S
9	PF		879	15012	C	ANHEAUSER-BUSCH	ST LOUIS	MO	DURKIN
1.0	H		880	14927	C	MILLER INDUSTRIES- LANDFILL	FAIRFAX	VA	JOHNSTON
3	PF/SS		881	14994	C	TEXAS EASTMAN	LONGVIEW	TX	EMSI
3	PF		882	14921	L	LUSSIER IND	CHICOPEE	MA	TECH SALES
15	PB		883	14979	L	AMERICAN CYANAMID	WALLINGFORD	CT	TECH SALES
30	PB		886	14960	L	KANSAS POWER & LIGHT	LAWRENCE	KS	DURKIN
6	PF		887	15021	L	KAWNEER CO	CARROLLTON	KY	SAMCO
3	PF		888	14977	L	STANLEY KNITTING MILLS	OAKBORO	NC	JOHNSTON
60	T		889	15003	L	BURLINGTON IND	DENTON	NC	JOHNSTON
3	PF	5'	890	15037	L	ANDREW JERGENS CO	CINCINNATI	OH	SAMCO
60	T		891	15179	L	NORTON CO	STEPHENVILLE	TX	EMSI
9	PF		892	15062	L	CITRUS WORLD	LAKE WALES	FL	BLANKENSHIP

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P. 14

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
4	PB		714	13461	C	PENNY CURTIS BAKING CO	SYCRACUSE	NY	B/S
9	PF		715	13334	L	WAUPAUKA FOUNDRY	WAUPAUKA	WI	TES
8	PB		716	13451	L	COMMERCIAL CARRIER SEWER SYS	AUBURNDALE	FL	BLANKENSHIP
3	PF		717	13568	L	MAT'L DIST	LEWISTON	ID	WHITNEY
8	PF		718	13568	L	MAT'L DIST	LEWISTON	ID	WHITNEY
9	PF		719	13454	C	MT PLEASANT WWTP	MT PLEASANT	PA	ADVANCE
6	PF		720	13498	C	TEXAS WATER PRODUCTS	FORT WORTH	TX	EMSI
3	PF		721	13533	L	REVLON	PHOENIX	AZ	G/S
60	T		722	13520	L	SIEMANS ENERGY & AUTOMATION	WENDELL	NC	JOHNSTON
6	PF		723	13235	L	OAK HARBOR	OAK HARBOR	WA	WHITNEY
3	PF		724	13578	L	NEW ENGLAND CONTRACT PACKERS	WATERBURY	CT	TECH SALES
8	PB		725	13537	L	FRUEHAUF CORP	DECATUR	AL	LYNCH
6	PF		726	13463	L	BRINKLEY WWTP	BRINKLEY	AR	TRIGON
3 X 8	PF		727	13591	L	U S ARMY	PLEASANTON	CA	ORATECH
3	PF		728	13568	L	POTLATCH CORP	LEWISTON	ID	WHITNEY
3	PF		729	13568	L	POTLATCH CORP	LEWISTON	ID	WHITNEY
3	PF		730	13564	C	CLIFFSTAR CORP	DUNKIRK	NY	B/S
1	PF		731	13583	L	FREMONT CO	FREMONT	OH	GILSON
3 X 6	PF		732	13663	L	CROMWELL SEWER DEPT	CROMWELL	CT	TECH SALES
60	T		733	13688	L	NUTURN CORP	SMITHVILLE	TN	CASCADE
1	PF		734	13716	L	ASHLAND CHEM	CLEVELAND	OH	GILSON
9	PF		735	13479	L	PEPSI-COLA	DETROIT	MI	DALEE

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FAX NO. 15036921145

P. 15

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
3	PF		692	13089	L	JEFFERSON CORRECTIONAL	QUINCY	FL	BLANKENSHIP
2	PF		693	13308	L	KOMANORO CHEMICAL	MOSES LAKE	WA	WHITNEY
8	PB		694	13146	L	BENDIX CORP	CLARKSVILLE	TN	LYNCH
6	PF		695	13363	L	MARINE CORPS	ALBANY	GA	CASCADE
18	PF		696	13341	C	LAPRINO FOODS	TRACY	CA	ORATECH
1	PF		697	13249	L	COUNTY SANT DIST	COMMERCE	CA	MAG SYS
1.0	H		698	13383	L	NORTH BROWARD COUNTY RES REC FAC	POMPANO BEACH	FL	BLANKENSHIP
60	T		699	13389	L	WOLFSON CASING CORP	DIXSON	CA	ORATECH
6	PF		700	13230	L	CENTURY CORRECTIONAL INST	CENTURY	FL	LYNCH
60	T		701	13275	L	EATON CORP	ROXBORO	NC	JOHNSTON
6	PF		702	13419	C	FRITO-LAY	MODESTO	CA	ORATECH
6	PF		703	13410	A	CONOCO	PONCA CITY	OK	---
9	PF		704	13387	C	CITY ENV-CMC PROJ #2007	DETROIT	MI	DALEE
1	PF		705	13455	C	SHELL OIL CO	BUENA PARK	CA	MAG SYS
6	PF		706	13377	L	HASKELL	HASKELL	AR	TRIGON
9	PF		707	13386	C	CASSILLA PUMP STATION- SANT DIST	SANTA CRUZ	CA	ORATECH
3	PF		708	13412	L	W M LYLES CO	FRESNO	CA	ORATECH
3	PF		710	13406	L	KEMA NORD	COLUMBUS	MS	LYNCH
6	PF		711	13406	C	KEMA NORD	COLUMBUS	MS	LYNCH
3	PF		712	13406	C	KEMA NORD	COLUMBUS	MS	LYNCH
3	PF		713	13406	L	KEMA NORD	COLUMBUS	MS	LYNCH

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P. 16

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
3	PF		670	13109	L	VILLAGE OF RICHMONDVILLE	RICHMONDVILLE	NY	B/S
12	PF		671	12605	C	CEDAR GROVE WWTP	CEDAR GROVE	NJ	TRIPP
6	PF		672	130996	L	LTV STEEL	COLUMBUS	OH	SAMCO
8	PB		673	13096	L	LTV STEEL	COLUMBUS	OH	SAMCO
3	PF		674	12949	L	APALACHICOLA	APALACHICOLA	FL	BLANKENSHIP
3	PF		675	13225	L	SUPERIOR	PITTSBURG	KS	TRIGON
8	PB		676	13044	L	CITY OF ATLANTA	DECATUR	GA	CASCADE
3	PF		677	13156	L	PREFORMED LINE PRODUCTS	ROGERS	AR	TRIGON
6	PF		678	13204	L	CITY OF MASON	MASON	TX	EMSI
8	PF		679	13204	L	CITY OF MASON	MASON	TX	EMSI
6	PF		680	13162	L	BASF WYANDOTTE CORP	WYANDOTTE	MI	DALEE
8	PF		681	12922	L	FLEETWOOD WWTP	FLEETWOOD	PA	AQUA DATA
3	PF		682	13190	C	CARNATION CO	MAYSVILLE	KY	MAG/SAMCO
3	PF		683	13129	L	BEKAERT STEEL	ROGERS	AR	LYNCH/TRIGON
6	PF		684	13129	L	BEKAERT STEEL	ROGERS	AR	LYNCH/TRIGON
60	T		685	13040	A	NORTHFIELD LAB	MT PROSPECT	IL	IND ENG SALES
8	PF		686	13259	L	CITY OF JUNCTION	JUNCTION	TX	EMSI
6	PF		687	13035	L	BRS	GASTONIA	NC	JOHNSTON
12	PF		688	13296	C	GENESIS ELECTRIC	ALTOONA	PA	ADVANCE
3	PF		689	13180	L L	RMC(PRISON)	LAKE BUTLER	FL	BLANKENSHIP
3	PF		690	13081	L	WAIKOLOA VILLAGE WWTP	HILO	HI	PEP
6	PB		691	13246	L	BRADY & HORNE CO	CAPE GIRARDEAU	MO	LYNCH

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P. 17

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
9	PF		647	12418	L	CANDER COUNTY	CAMDEN	NJ	EAGLE CONTROL
6	PB		648	12977	C	UNITED TECH	MAUMELLE	AR	TRIGON
60	T		649	12896	L	PERRY CIRCUITS	HALEIGH	NC	JOHNSTON
3	PF		650	12903	L	FEDERAL CORRECTIONAL INST	ASHLAND	KY	SAMCO
3	PF		651	12992	L	NATIONAL FELT CO	EAST HAMPTON	MA	TECH SALES
3	PF		652	12959	L	FRANKLIN ELEC	SILLOAN SPRINGS	AR	TRIGON
3	PF		653	12904	C	A & E PLASTICS	IRVINE	CA	MAG SYS
3	PF		654	12854	L	LIMECREST AREA SANT SEW	CLARK COUNTY	OH	SVOBODA
3	PF		658	12645	C	HENRIETTA CREEK PH I & II	NO FT WORTH	TX	EMSI
10	PB		657	14858	A	PRESSED STEEL TANK	MILWAUKEE	WI	TES
.6	H		658	12969	L	PENNSYLVANIA ELECTRIC	ERIE	PA	ADVANCED
8	PB		659	12824	C	JOSEPH SEAGRAM & SONS	LAWRENCEBURG	IN	ANDERSON, B L
60	T		660	12918	L	REECO-U S D O E	MERCURY	NV	REECO
1	PF		661	13080	L	BALIMAY METAL FINISHERS	AUBURN	FL	BLANKENSHIP
6	PF		662	12976	L	DES ARC WATER & SEWER	DES ARC	AR	TRIGON
60	T		663	13099	L	GEORGES FOOD SERVICES	HARLINGEN	TX	EMSI
60	T		664	13099	L	GEORGES FOOD SERVICES	HARLINGEN	TX	EMSI
3	PF		665	13051	L	ARATEX	SO BEND	IN	ANDERSON, B L
2	PF		666	12999	C	DUREZ RESIN LAB	NO TONAWANDA	NY	B/S
60	T		667	13058	L	BAHLSSEN	CARY	NC	JOHNSTON
6	PF		668	13116	C	USAA	SAN ANTONIO	TX	EMSI
60	T		669	12940	L	GOSHEN RUBBON CO	WILSON	NC	JOHNSON

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P. 18

SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
3	PF		582	12305	C	PACIFIC ENGINEERING	MORGAN HILL	CA	ORATECH
3	PF		583	12435	L	HANES HOSIERY	CLARKSVILLE	AR	JOHNSTON
9	PF		584	12349	L	GENERAL ELECTRIC	WOODLAND	CA	ORATECH
8	PB		585	12241	L	BURKE MOUNTAIN ENT	EAST BURKE	VT	TECH SALES
3	PF		586	123007	L	REMINGTON WWTP	REMINGTON	IN	ANDERSON, B L
3	PF		587	12417	L	SHIMAZU CORP	CHATTANOOGA	TN	CASCADE
3	PF		588	12417	L	SHIMAZU CORP	CHATTANOOGA	TN	CASCADE
60	T		589	12461	L	BEECHAM PRODUCTS	ROCKWOOD	MI	DALEE
6	PB		590	12441	L	UNION CAMP CORP	LAKELAND	FL	BLANKENSHIP
6	PB		590	12441	L	UNION CAMP CORP	LAKELAND	FL	BLANKENSHIP
60	T		591	12484	L	H B FULLER CO	ROSEVILLE	CA	ORATECH
3	PF		592	12365	D C	SLEEPY HOLLOW	GILLETTE	WY	G/S
80	T		593	12518	L	GREAT BASIN NAT'L PARK	ELLY	NV	G/S
24	PB		594	12377	C	MAMAA JANGO PUMP STATION		GUAM	PEP
60	T		595	12471	L	GE	HENDERSONVILLE	NC	JOHNSTON
3	PF		596	12499	L	CORDA	MILL HALL	PA	HARTCO
6	PF		597	12335	A	GAYLORD IND PARK	GAYLORD	MN	DAVCO
3	PF		598	12482	L	PRESTOLITE WIRE CO	PARAGOULD	AR	TRIGON
6	PB		599	12012	L	DEARY WWTP	DEARY	ID	G/S
6	PB		600	12012	L	DEARY WWTP	DEARY	ID	G/S
6	PF		601	12398	L	SALTILLO WWTP	SALTILLO	MS	LYNCH
6	PF		602	12398	L	SALTILLO WWTP	SALTILLO	MS	LYNCH

P. 19

FAX NO. 15036921145

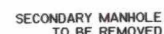
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SIZE	TYPE	Ø	SERIAL	JOB	LI D	CUSTOMER	CITY	STATE	REP
12	PF		540	12033	C	BUCKEYE WWTP	BUCKEYE	AZ	G/S
4	PB		541	12143	L	ALLIED UTILITIES-M.H.C. SCHOOL	TAMPA	FL	BLANKENSHIP
3	PF		542	12192	L	KNUDSEN	TULARE	CA	ORATECH
3	PF		543	12187	L	SAN ANTONIO STATE MENTAL HOSPITAL	SAN ANTONIO	TX	EMSI
9	PF		544	12156	L	TOWN OF EAST GREENBUSH	EAST GREENBUSH	NY	B/S
9	PF		545	12156	L	TOWN OF EAST GREENBUSH	EAST GREENBUSH	NY	B/S
9	PF		546	12156	L	TOWN OF EAST GREENBUSH	EAST GREENBUSH;	NY	B/S
9	PF		547	12156	L	TOWN OF EAST GREENBUSH	EAST GREENBUSH	NY	B/S
9	PF		548	12156	L	TOWN OF EAST GFEENBUSH	EAST GREENBUSH	NY	B/S
8	PF		549	12210	L	COLUMBIA FARMS	WEST COLUMBIA	SC	JOHNSTON
60	T		550	12150	L	ARK ELECTRONICS	OVIEDO	FL	BLANKENSHIP
4	PB		551	12175	L	BLUE RIDGE PARKWAY	ASHEVILLE	NC	JOHNSTON
4	PB		552	12175	L	BLUE RIDGE PARKWAY	ASHEVILLE	NC	JOHNSTON
3	PF		553	12162	L	QUALITY CHEMICAL	TYRONE	PA	LYNCH
6	PB		554	12020	C	HOWMEDICA	LYNDHURST	NJ	TRIPP
3	PF		555	11998	L	KEEWATIN WWTP	KEEWATIN	MN	DAVCO
3	PF	6'-0"	556	12227	C	CONSOLIDATED GLASS & MIRROR	GALAX	VA	JOHNSTON
6	PF		557	12202	C	SEA WORLD OF TEXAS	SAN ANTONIO	TX	W & W PROD
8	PB		558	12056	A	INDIAN HEALTH SERVICE	FT DEFIANCE	AZ	G/S

Exhibit 2



BY 5333 SOUTHWEST DISTRICT



ELECTRICAL UNITS
TO BE DEMOLISHED

PRIMARY MANHOLES TO
BE REMOVED

PRIMARY & SECONDARY
CLEANOUTS. RISERS TO
REMAIN IN PLACE
AFTER GRAVITY LINE
INSTALLATION.

NOTES:

1. REMOVE PRIMARY LEACHATE COLLECTION RISER, M.H., AND PUMP ACCESSORIES.
2. UNCOVER PRIMARY LINER AND ANCHOR, CUT AND REMOVE RISER AND OTHER GEOSYNTHETIC MATERIAL AS REQUIRED TO REMOVE SECONDARY RISER AND M.H. REMOVE SECONDARY RISER AND M.H.
3. EXCAVATE BERM AND REMOVE PRIMARY AND SECONDARY CLEANOUTS, AND RISERS AS NECESSARY. INSTALL 8" HDPE GRAVITY LINES FOR PRIMARY AND SECONDARY LEACHATE COLLECTION AS SHOWN IN "C-6" SECTION "A" PLAN VIEW.
4. INSTALL BOOT PENETRATION FOR GRAVITY LINES AS SHOWN IN DETAIL M, SHEET CD-1. RECONSTRUCT BERM AND COMPACT TO 95% DENSITY. INSTALL LINER AND OTHER GEOSYNTHETIC MATERIALS TO RECONSTRUCT SUMP AND LINER SYSTEM AND SOD BERM.
5. EXISTING INV. ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY INVERTS IN THE FIELD AND ADJUST NEW PIPES ACCORDINGLY.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR LEACHATE REMOVAL AS IT IS GENERATED AND FOR CLEANUP OF ANY LEACHATE SPILLS AT NO ADDITIONAL COST TO OWNER.
7. LEACHATE REMOVAL PLAN MUST BE APPROVED BY PASCO COUNTY.
8. CONTRACTOR TO VERIFY EXISTING INVERT ELEVATIONS.

LEGEND:

TO BE REMOVED



NTS



DETAIL

NTC

DESIGNED BY: D. EL-HAJJ
DRAWN BY: L. SICONA
SHEET CHK'D BY: J. McHUGH
CROSS CHK'D BY: D. STROBRIDGE
APPROVED BY: A. MULLA-SALEH
DATE: FEBRUARY 2001

CDM Camp Dresser & McKee Inc.
consulting
engineering
construction
operations
1715 North Westshore Blvd, Suite 875
Tampa, Florida 33607
Tel: 813-281-2900
License no. EB-0000020

**PASCO COUNTY, UTILITIES SERVICES BRANCH
PASCO COUNTY FLORIDA**

WEST PASCO COUNTY LANDFILL EXPANSION CELLS A-3 AND SW-2

EXISTING LEACHATE SUMP DEMO PLAN

PROJECT NO.	6104-28936
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FILE NAME: CSTLFC05.dwg

SHEET NO.

C-5

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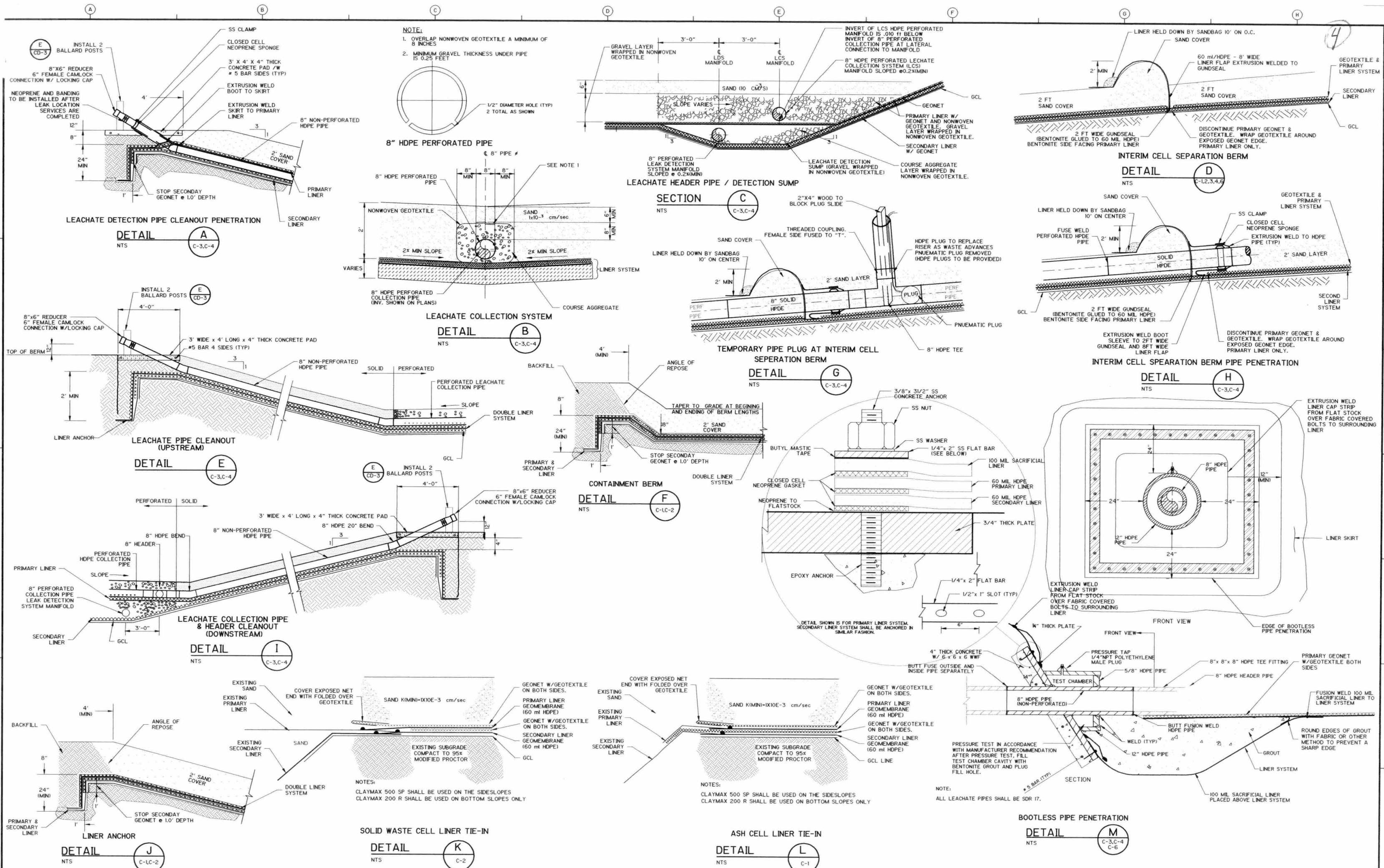
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MAR 30 2001

Department of Intellectual Property
BY SOUTHWEST DISTRICT

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MAR 30 2001
Department of Children's Protection
BY SOUTHWEST DISTRICT

Exhibit 3



DESIGNED BY:	D. EL-HAJJI
DRAWN BY:	L. SICONA
CHECKED BY:	J. MCHUGH
CROSS CHECKED BY:	D. STROBRIDGE
APPROVED BY:	A. MULLA-SALEH
DATE:	FEBRUARY 2001

REV. NO.	DATE	DRWN	CHKD	REMARKS

CDM Camp Dresser & McKee Inc.

1715 North Westshore Blvd, Suite 875
 Tampa, Florida 33607
 Tel: 813-281-2900
 License no. EB-0000020

PASCO COUNTY, UTILITIES SERVICES BRANCH
 PASCO COUNTY FLORIDA

**WEST PASCO COUNTY LANDFILL EXPANSION
 CELLS A-3 AND SW-2**

PROJECT NO. 6104-28936
 FILE NAME: cstdcd.dwg

SHEET NO. **CD-1**