DILP 2018 AUG 24 AM8:44

Building Permit Application

Howard County Maryland
Department of Inspections, Licenses and Permits
3430 Court House Drive
Permits: 410-313-2455
www.howardcountymd.gov

HEALTH

Date Received: _____

Permit No.: B18003007

Building Address: 8125 Washington Blvd.
City: Jessup State: MD Zip Code: 20794
Suite/Apt. #: N/A SDP/WP/BA #: SDP-18-037
Subdivision: —
Lot: _____ Tax Map: 43 Parcel: 552

Property Owner's Name: D&G Holding Company, Inc. & Baltimore Auto Recycling
Address: Po Box 88168
City: Madeira Beach State: FL Zip Code: 33738
Phone: 443-250-8311 Fax: _____
Email: 4duff@comcast.net

Applicant's Name & Mailing Address, (If other than stated herein)
Applicant's Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____
Email: _____

Existing Use: N/A
Proposed Use: CAR CRUSHING
Estimated Construction Cost: $ 400,000
Description of Work: Pre-engineered metal building on concrete slab with 2 open sides.

Contractor Company: RJC. Earth and Shelter, LLC
Contact Person: Rodney John
Address: 12021 Camp Bowie W Blvd.
City: Aledo State: TX Zip Code: 76008
License No.: 30189684
Phone: 817-244-1100 Fax: 866-675-0394
Email: Rjconstruction12021@yahoo.com

Occupant/Tenant Name: LKQ Pick Your Part
Was tenant space previously occupied? ☐Yes ☒No
Contact Name: Kent Keebler
Address: 3918 Cedar Cay Circle
City: Valrico State: FL Zip Code: 33596
Phone: 813-210-4435 Fax: —
Email: KmKeebler@LKQCORP.com

Engineer/Architect Company: Corkill Cush Reeves, PA
Responsible Design Prof.: James Cush
Address: 10,111 M.L. King Jr. Hwy, Suite 202
City: Bowie State: MD Zip Code: 20720
Phone: 301-577-2488 Fax: _____
Email: jcush@ccrarchitects.com

Commercial Building Characteristics	Residential Building Characteristics
Height: 28'-8½"	☐ SF Dwelling ☐ SF Townhouse
No. of stories: 1	Depth / Width
Gross area, sq. ft./floor: 9900	1st floor:
	2nd floor:
Area of construction (sq. ft.):	Basement:
9900	☐ Finished Basement
Use group: U	☐ Unfinished Basement
	☐ Crawl Space
Construction type:	☐ Slab on Grade
☐ Reinforced Concrete	No. of Bedrooms:
☐ Structural Steel	**Multi-family Dwelling**
☐ Masonry	No. of efficiency units:
☐ Wood Frame	No. of 1 BR units:
☐ State Certified Modular	No. of 2 BR units:
☒ Pre-engineered metal bldg.	No. of 3 BR units:
	Other Structure:
	Dimensions:
➢ **Roadside Tree Project Permit**	Footings:
☐Yes ☒No	Roof:
Roadside Tree Project Permit #	☐ State Certified Modular
	☐ Manufactured Home

Utilities	
Electric: ☒Yes ☐ No	
Gas: ☐ Yes ☒No	
Water Supply	
☒Public FOR FIRE LINE ONLY	
☐ Private	
Sewage Disposal N/A	
☐ Public	
☒Private on property	
Heating System	
☒Electric Partial ☐ Oil	
☐ Natural Gas ☐ Propane Gas	
☐ Other:	
Sprinkler System:	
☒Yes ☐ No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Suzanne Giguere
Applicant's Signature

Suzanne Giguere
Print Name

Suzanneg@ccrarchitects.com
Email Address

8/24/18
Date

Architect / Corkill Cush Reeves, PA
Title/Company

RECEIVED
AUG 24 2018
LICENSES & PERMITS DIVISION

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
PLEASE WRITE NEATLY & LEGIBLY

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	8/1/18	

Is Sediment Control approval required for issuance? ☐Yes ☐ No
☐ CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met?	☐ Yes ☐No
Is Entrance Permit Required?	☐ Yes ☐No
Historic District?	☐ Yes ☐No
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	$ 200
Permit Fee	$
Tech Fee	$
Excise Tax	$
PSFS	$
Guaranty Fund	$
Add'l per Fee	$
Total Fees	$
Sub- Total Paid	$
Balance Due	$
Check	#100808.51

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

T:\Operations\Updated Forms\BuildingPermitApplication03.29.2018.docx

AK

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS and LAND SURVEYORS

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.
Frank Manalansan II, L.S.
Stephanie Tuite, RLA, P.E., LEED AP BD&C

September 27, 2018

Mr. Chad Edmondson, P.E., Chief
Development Engineering Division
Dept. of Planning & Zoning
George Howard Building
3430 Court House Dr.
Ellicott City, MD 21043

OCT 2 9 2018

Attn: Ms. Nicole Yan

RE: LKQ Pick Your Part
Vehicle Processing Building
SDP18-037

Dear Ms. Yan:

In response to your Speed Memo dated October 17, 2018, please accept this re-submission of the attached red-lined plans. The following point-by-point responses will address comments with in the referenced Speed Memo as well as the Bureau of Environmental Health comment letter dated October 10, 2018.

DPZ/DLD:

1. Revision Chart on Sheet 1 has been updated, as requested.

HEALTH:

1. The proposed underground tanks have been labeled as holding tanks, as requested.
2. General Note 18 has been added to state, "HOLDING TANKS WILL BE STORING RAINWATER COLLECTED VIA THE FLOOR DRAINS. THE LIQUID COLLECTED IN THE TANKS MUST BE PUMPED OUT BY A LICENSED COLLECTION VEHICLE AND DELIVERED TO AN APPROPRIATE COLLECTION FACILITY.", as requested.
3. A cross section of the proposed holding tanks and high water alarm has been provided on sheet 2 of this re-submission package. Also General Note 20 has been added to state, "THE HIGH WATER PUMP SHALL BE ON A DEDICATED CIRCUIT.", as requested.
4. General Note 19 has been added to state, "THE HEALTH DEPARTMENT MUST BE NOTIFIED TO PERFORM A WATERTIGHT TEST AND HIGH WATER ALARM TEST OF THE TANKS PRIOR TO FINAL APPROVAL OF A BUILDING PERMIT.", as requested.

Should you have any questions or require any additional information please feel free to contact at your convenience.

Very truly yours,
Fisher, Collins & Carter, Inc.

Frank Manalansan II

Frank Manalansan II, L.S.

w.o. 17021

Central Texas
7015 Fairbanks
Houston, TX 77040
Tel 713-937-7602
Fax 713-937-4254

North Texas
1200 I-45 South
Dallas, TX 75125
Tel 972-263-0222
Fax 972-842-8871

South Texas
20943 U.S. 77
Harlingen, TX 78550
Tel 956-428-2079
Fax 956-440-1834

South Central Texas
8491 Highway 87 East
San Antonio, TX 78263
Tel 210-227-7275
Fax 210-566-7270

Submittal Package for

LKQ Pick A Part

Houston, TX

PRODUCTS
Holding Tanks

CUSTOMER
Joslin Construction
21518 West Wallis Drive
Porter, TX 77365
281-354-5840

MANUFACTURER
Park Environmental
7015 Fairbanks N Houston
Houston, TX 77040
713-937-7602

January 5, 2011

Copy No____

Job #: 10-04634

PM: Melanie Bruder

Expect the Best...

Who would expect any less than the best when specifying or purchasing equipment for their construction projects. Engineers and contractors know Park Equipment Company for its quality products and services in the construction industry. Feel free to contact our office for engineering and sales assistance.

Limited Warranty

All goods sold hereunder are warranted to be free from defects in material and factory workmanship for a period of one year from the date of purchase. We will replace at no cost goods that prove defective provided we are notified in writing of such defect and evidence that the product has been properly maintained and used in accordance with manufacturer's intended purpose. We will not be responsible for any labor charges or any loss, injury or damages whatsoever, including incidental or consequential damages. The sole and exclusive remedy shall be limited to the replacement of the defective goods. Before installation and use, the purchaser shall determine the suitability of the product for its intended use and the purchaser assumes all risk and liability whatever in connection there with.

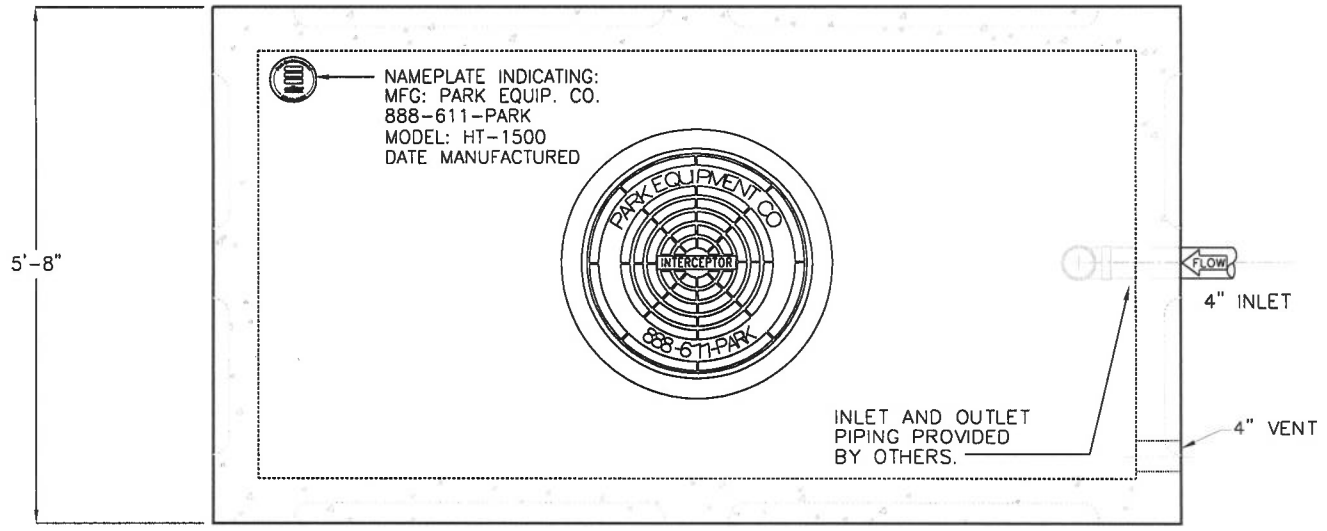
Table of Contents

Subject	*Section*
Holding Tanks HT-1500	**SECTION 1**

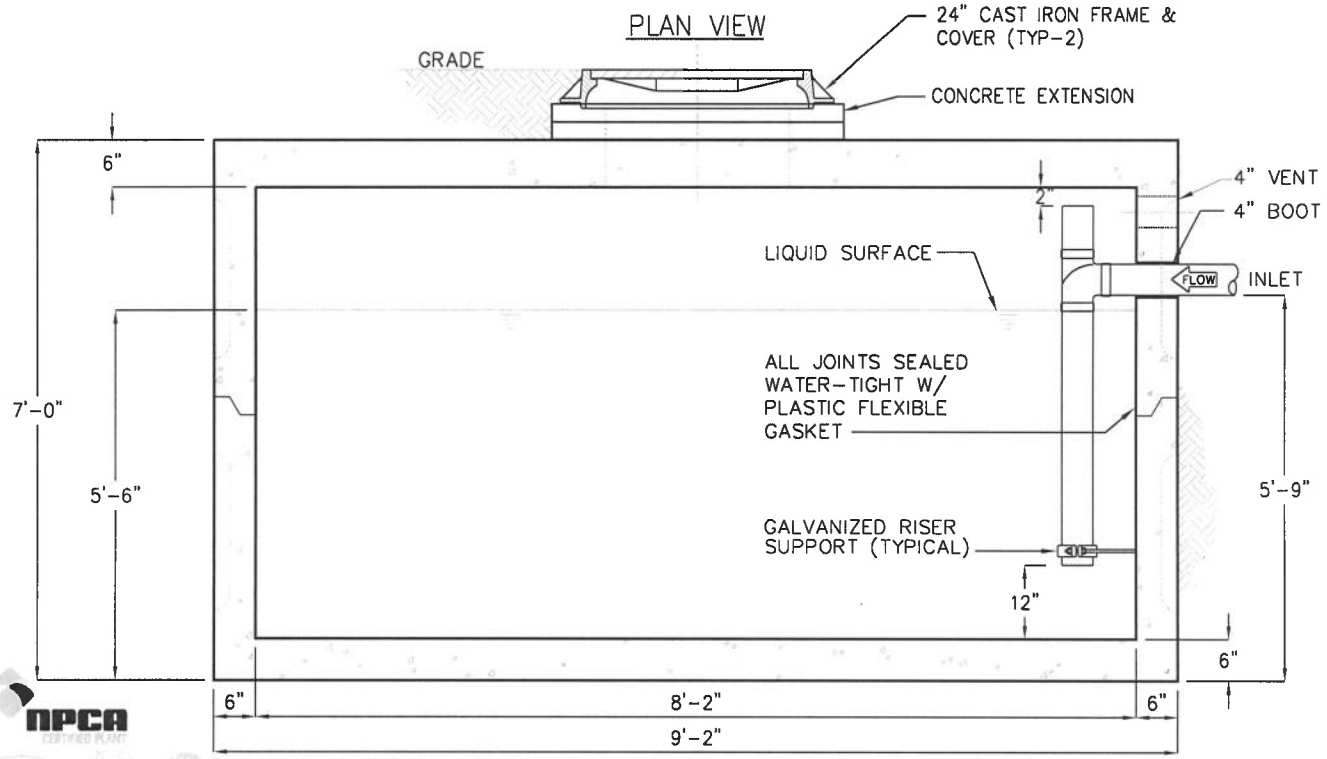
SECTION 1

Holding Tank HT-1500

PARK



PLAN VIEW



ELEVATION

HEAVIEST PIECE 22,500 LBS

Specifications

CONCRETE : Class II concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. gross empty weight of approximately 16,050 lbs.

REINFORCEMENT: Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal. Structural design is based on AASHTO HS-20 loading.

C.I. CASTINGS: Manhole frames, covers or grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30. Manhole shall have 24 inch inside diameter and be traffic duty.

HT1500-3-1004634-LKQ PICK A PART

PROJECT :	LKQ PICK A PART
CUSTOMER :	JOSLIN CONSTRUCTION
ARCHITECT :	
ENGINEER :	
ORDER # :	10-04634
DATE :	01/05/11 PM: MB/CE

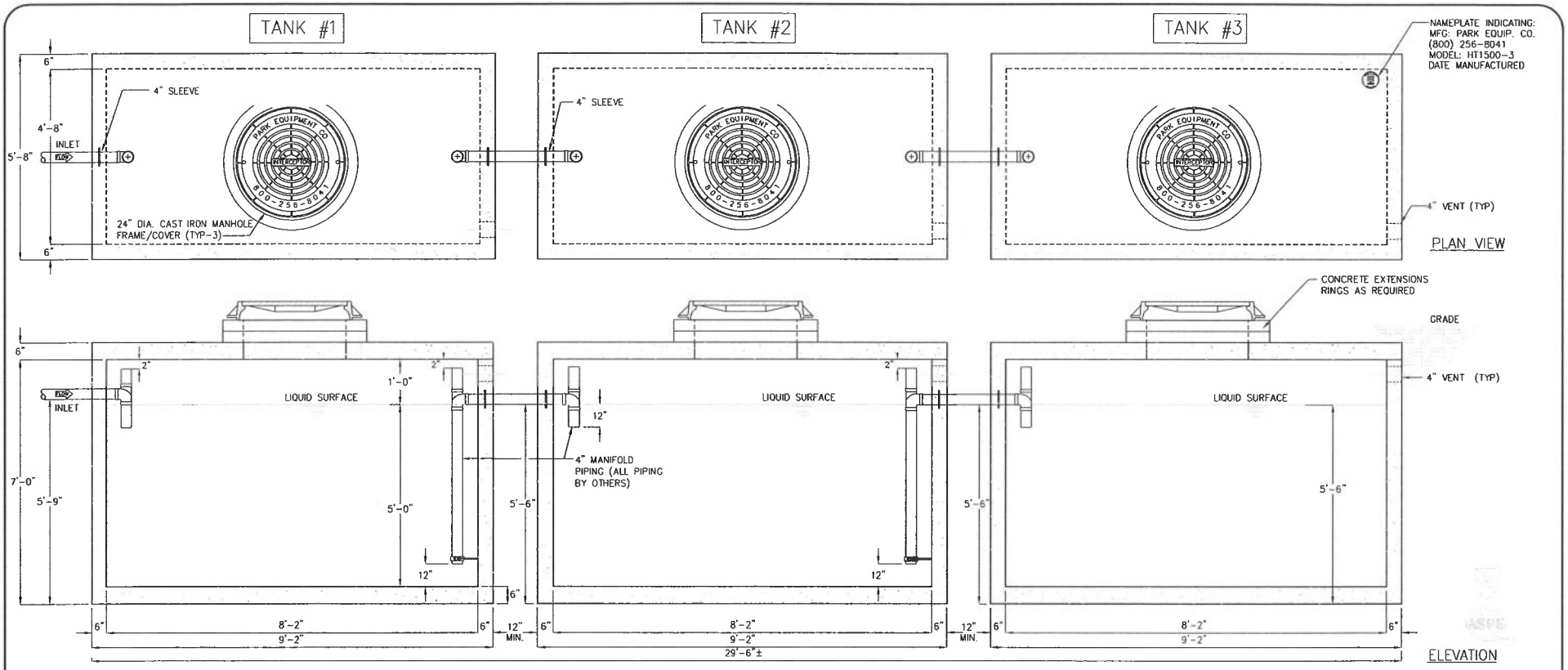
PARK ENVIRONMENTAL EQUIPMENT

888-611-PARK
www.park-USA.com

"Expect the Best"

HOLDING TANK HT-1500

SCALE	NONE	DWG. NO.	REV.
DATE	01/11	HT-1500	A



Specifications

CONCRETE :
Class II concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. gross empty weight of approximately 40,000 lbs per tank.

REINFORCEMENT:
Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal.

Engineering Data

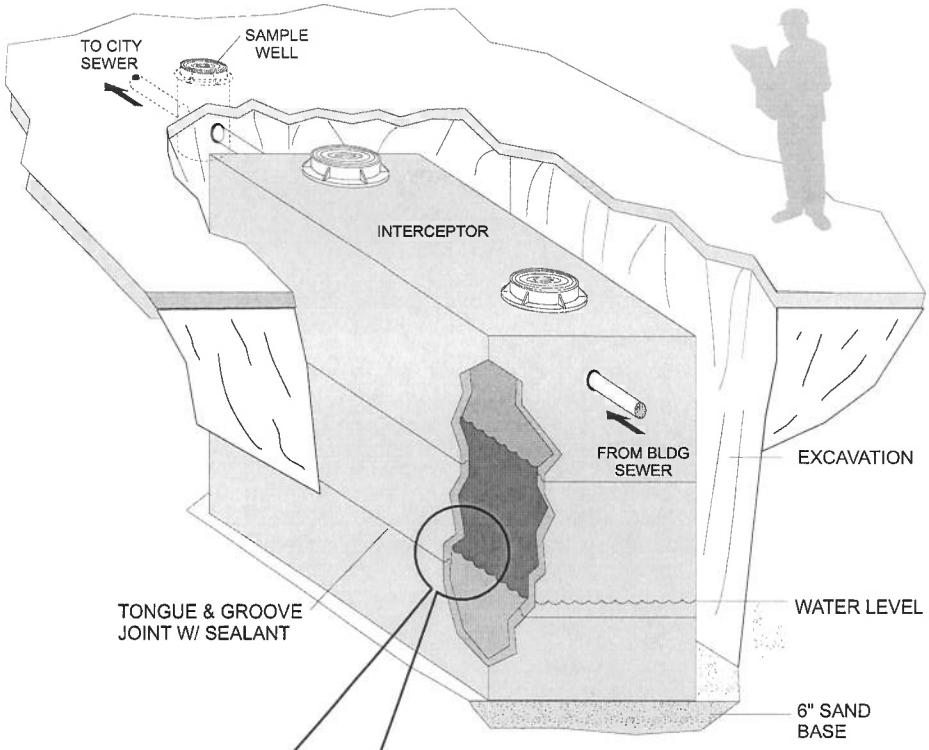
Interceptor is structurally and hydraulically engineered conforming to UPC & ACI codes (H-20 rated). Nominal liquid capacity is 10,000 gallons with grease & solids retention capacity of approximately 23,100 lbs. Recommended for average flow rate of 67 GPM & intermittent flow rate up to 167 GPM.

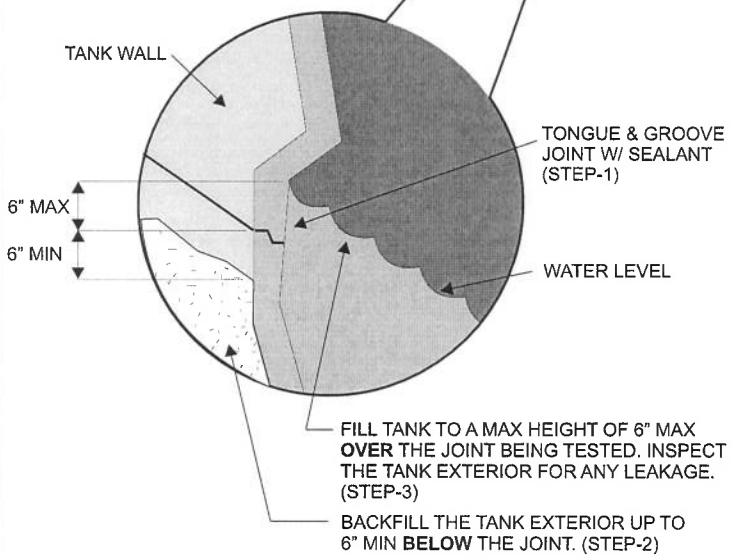
Field excavation and preparation shall be completed prior to delivery of interceptor. Use dimensional data as shown.

PARK ENVIRONMENTAL EQUIPMENT
888-611-PARK
www.park-USA.com
"Expect the Best"

HOLDING TANK MODEL HT-1500-3

SCALE	NONE	DWG. NO.	REV.
DATE	01/11	HT1500-3-1004634	A





HYDROSTATIC TESTING FOR INTERCEPTORS

THE FOLLOWING METHOD IS RECOMMENDED FOR HYDROSTATIC TESTING OF INTERCEPTORS. FAILURE TO FOLLOW THIS EXACT PROCEDURE CAN VOID WARRANTY.

WARNING
DO NOT fill tanks with water until the tanks are properly backfilled. Filling tanks prior to backfilling may cause abnormal stresses and may result in leakage and/or damage to the tanks and may void the manufacturer's warranty.

DO NOT fill tanks with water to levels exceeding the top of the basin (prior to backfilling). Exceeding this level could produce excess uplift of the lid section breaking the seal and result in leakage and/or damage to the tanks and may void the manufacturer's warranty.

STEP 1
After tank is set, allow for complete settling of the sections. The joint sealant should be visible on the exterior of the tank as excess sealant is squeezed out of the joint.

STEP 2
Backfill the tank around all sides to 6" BELOW the joint being tested. The backfill should be compacted as required.

STEP 3
Allow water to enter the tank to a maximum of 6" ABOVE the joint being tested. Visually inspect the tank exterior for any leaks.

STEP 4
Repeat STEPS 2 thru 3 for any additional joints.

STEP 5
Complete the backfilling and compacting over the top of the tank.

PARK™ ENVIRONMENTAL EQUIPMENT

INT-HYDROTEST.cdr

11/05

RECEIVING AND INSTALLATION INSTRUCTIONS

FOR INTERCEPTORS

Overview
Park Environmental Equipment is a leader in pre-engineered environmental products. Products are catalogued with standard features as shown on specification material. However, these products are often furnished to meet specific engineering requirements, and have special features and arrangements. In such cases, handling and installation procedures may vary slightly depending upon the actual type of construction. It is recommended that a company representative be consulted in each unique situation.

Codes and Installation
Local codes and regulations should supersede all recommendations made by Park Equipment Company and it's representatives, and the appropriate authorities should be consulted before installation is made. Where an apparent conflict of code requirements and manufacturer recommendations or standard design exists, the assistance of a company representative should be requested. In almost every instance, Park Equipment Company will be able to make modifications necessary to comply with local codes, jurisdictions and interpretations, if notified prior to actual fabrication or upon order placement.

Field Preparation
The customer or his contractor shall prepare the excavation to the proper depth using dimensional data and weights from approved submitted drawings.

Call 800-256-8041 to confirm excavation dimensions and crane requirements.

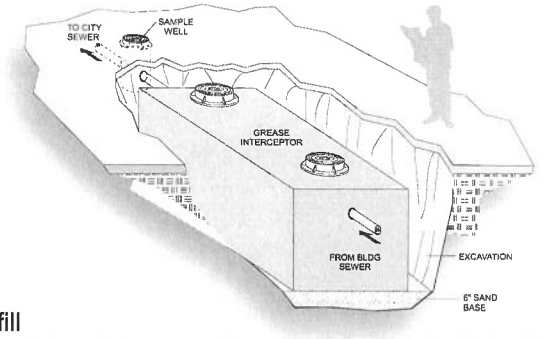
All excavations should be shored or stepped back in accordance to OSHA recommendations.

A level base within the excavation and a minimum of twelve (12) inches of clearance on all sides of the unit is required. The depth of the base and the material shall meet the specifications and requirements for the type of soil at the setting location (consult with design engineer for base specifications).

All field excavation and preparation is the sole responsibility of the customer/contractor.

Scheduling
The delivery of the unit should be scheduled at least 48 hours in advance, weather permitting. To reschedule a delivery, a 24 hour notice is required.

Delivery and Placement
Unit will be delivered and placed in the excavation by Park Equipment Company or its representatives, when accessible for crane truck. The crane operator will perform rigging and setting unit. It will be necessary for the customer/contractor to furnish the required labor to install the joint sealant and assist our crane operator with the installation. Backfill is the sole responsibility of the owner/contractor.



Backfill
After unit is set, the excavation should be completely backfilled immediately and prior to filling with water. The backfill material shall meet the specifications and requirements for setting location (consult with design engineer for backfill specifications). It is recommended that backfill material be on site at the time of delivery. Two methods of backfill are:

a. With material excavated placed in (1) one foot lifts and compacted and tamped to original density or per owner/engineer's requirements.

b. Bank sand in (2) two foot lifts and compacted or water-jetted per owner/engineer's requirements.

Testing (for tanks)
If project specifications require testing of tanks, follow the following testing procedure. All testing is performed by others.

Water Test
After completing the piping, the unit shall be properly backfilled. Fill the tank with water to the normal operating level. Record this level and let stand for 24 hours. Recheck the water level. A 5% or less variance is generally acceptable. Note that precast concrete tanks are designed for below grade installation with an earthen backfill.

DO NOT fill tanks with water until the tanks are properly backfilled. Filling tanks prior to backfilling may cause abnormal stresses and may result in leakage and/or damage to the tanks and may void the manufacturer's warranty.

DO NOT fill tanks with water to levels exceeding the top of the basin (prior to backfilling). Exceeding this level could produce excess uplift of the lid section breaking the seal and result in leakage and/or damage to the tanks and may void the manufacturer's warranty.

Vacuum Testing
Some jurisdictions require testing of the tank prior to backfill. In this case, it is necessary that the tank be tested using the vacuum in lieu of the water test. After completing the piping, all joints should be sealed with the mastic compound. All the piping must be sealed air-tight. Place the vacuum test covers over the access holes. Follow manufacturer's test equipment instructions for pulling vacuum.

PARK™ ENVIRONMENTAL EQUIPMENT
7015 Fairbanks N Houston
Houston, TX 77040
Tel 713-937-7602
Fax 713-937-4254

TECHNICAL DATA BULLETIN

RAM-NEK® GASKET DIVISION
Preformed Flexible Plastic Joint Sealant

K. T. SNYDER COMPANY, INC.
2100 Travis Street • Houston, Texas 77002
Toll-Free (800) 231-4549 • Texas: Call Collect (713) 650-6174

National Precast Concrete Association — Associate Member

RAM-NEK®

FLEXIBLE PLASTIC GASKETS

American Concrete Pipe Association — Associate Member

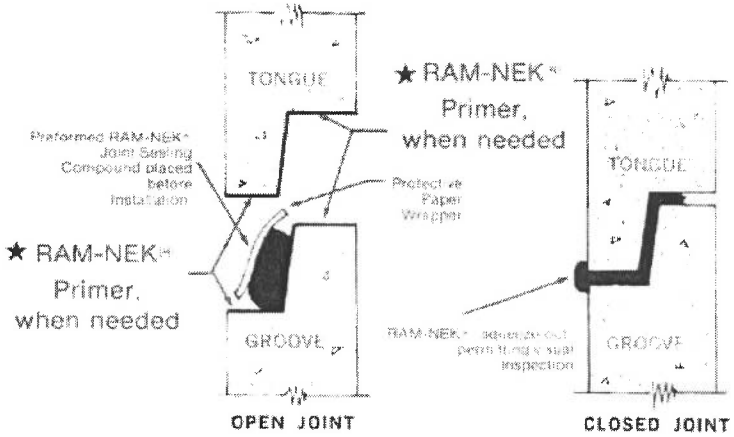
For Sealing PRECAST Sewer and Culvert Manholes, Box Culverts, Utility and Burial Vaults, Septic Tanks, Wet Wells . . . *Plus* all of those other applications where a flexible watertight joint is needed, but precision rubber gaskets are not available.

A "Prefab Manhole" Sealed In Four Minutes — Ready For Immediate Backfill

★ *RAM-NEK Primer is not required under normal installation. Use primer on manholes in wet conditions.*

STEP-BY-STEP FABRICATION of Plastic Gasket Joints

1. ON THE BANK
   - ★ a. Apply one brush coat of RAM-NEK® Primer to concrete surfaces to be sealed.
   - b. Remove paper wrapper on one side only of preformed RAM-NEK® strip, and press firmly to the dry clean joint surface.
2. IN THE DITCH—OPEN JOINT
   - a. Remove paper wrapper from RAM-NEK® gasket joint and set next manhole section. Each manhole unit is forced "home" by its own weight, compressing RAM-NEK® to tightly pack, and immediately sealing the joint. This causes a "squeeze-out", visual proof of a watertight joint.
3. IN THE DITCH—CLOSED JOINT
   - a. After last manhole section is set and fully "seated", the manhole installation is complete. Backfilling and compaction can start immediately.



OPEN JOINT — CLOSED JOINT

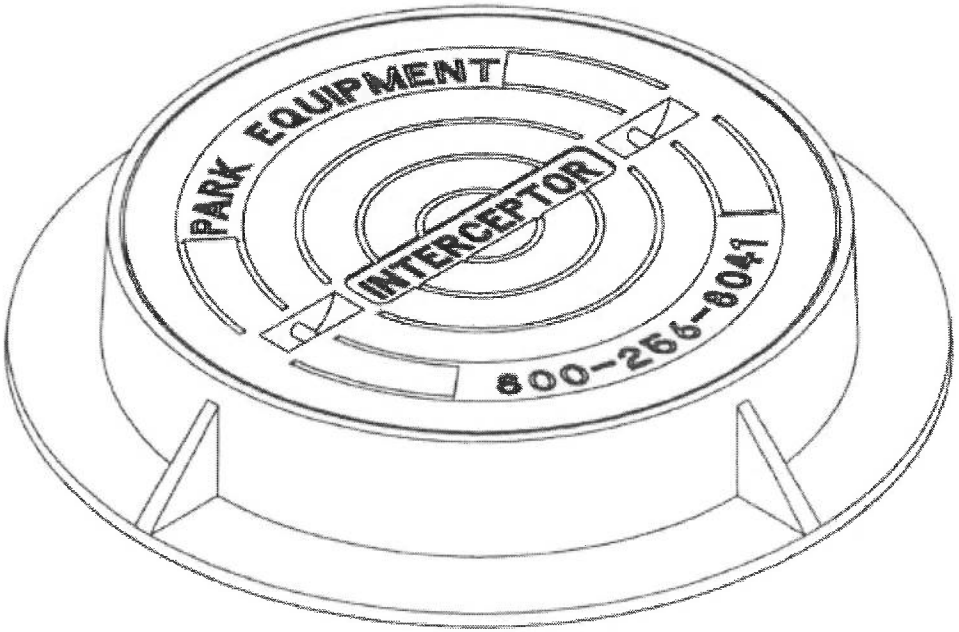
Typical RAM-NEK® Jointing Method For a 96" Concrete Pipe Wet Well, 42' Deep

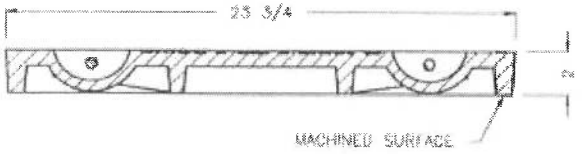

PARK

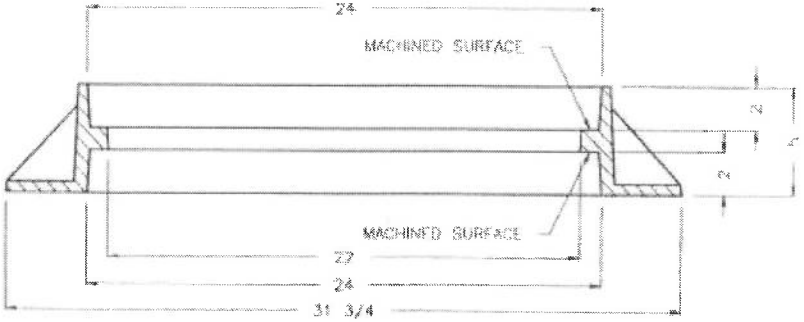
PARK

Wats 800-256-8041
Fax 713-937-4254

WEIGHTS	LID	RING	SET	MATERIALSPECIFICATION	LOADRATING	MODEL
	120lbs	120 lbs	240lbs	ASTMA4830B	H-20	**FC24T**







Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

Requirements for Installing and Utilizing a Holding Tank for Storage of Non-Domestic Wastewater.

This planned wastewater holding tank will only be authorized for the storage of non-domestic wastewater.

1. The holding tank must hold, at a minimum, 7 days effluent from the facility and shall be of watertight construction. Information shall be submitted showing all process wastewater flows, quantity and frequency generated, that will be stored onsite in the holding tank. Calculations shall be provided that demonstrate a minimum of 7 days storage will be provided.

2. Design of the storage tank shall be done by a professional engineer (PE) licensed in MD, and submitted to MDE for review and approval. Construction shall not begin on installation of the holding tank(s) and piping, until MDE approves the design. The design shall include at a minimum:

   a. tank manufacturer, tank size, cross sectional details, wall thickness, depth of cover, etc.

   b. if the tanks are concrete, then the tanks must conform to the National Pre Cast Association (NPCA) Best Management Practice's Manual.

   c. based on the type of tank, specific installation instructions with respect to proper tank bedding, tank support and proper backfill procedures.

3. A high-water alarm must be installed as a safeguard to prevent tank capacity being exceeded.

4. During tank installation, a 24 hr field water tightness test per the NPCA manual shall be conducted to verify water tightness. Tanks that do not pass this test will be subjected to rejection and return to the supplier.

   Please contact Mike Eisner at 410.537.3771 at least 72 hours prior to the start of the test.

5. The contents of the holding tank shall be regularly removed and disposed of properly. Documentation must be provided validating that contractual services have been obtained to haul the wastewater offsite for appropriate treatment and disposal. This documentation shall include an acceptable pumping schedule between the applicant and an approved liquid waste hauler.

For further information on design submittal, notice of tank integrity testing or other questions, please contact Mike Eisner at 410.537.3771 or mike.eisner@maryland.gov.

Jan. 2017