

4 Turkey Hill Road
Newtown, CT 06470
Tel (203) 270-4300
Fax (203) 426-9968



Fred Hurley,
Director

TOWN OF NEWTOWN
WATER AND SEWER AUTHORITY

Marianne Brown,
Chairman
Louis Carbone
George Hill
Alan Shepard
Eugene Vetrano
Richard Zang
Carl Zencey

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE WATER AND SEWER AUTHORITY

The Water and Sewer Authority held a regular meeting on August 14, 2014 at the Waste Water Treatment Plant, 24 Commerce Road, Newtown, CT. Chairman Brown called the meeting to order at 7:02pm.

Present: Dick Zang, Lou Carbone, Marianne Brown, George Hill, Alan Shepard, Gene Vetrano
Absent: Carl Zencey

Also Present: Director of Public Works Fred Hurley, Jason O'Brien and Julio Segarra of United Water Environmental Service, Attorney Robert Hall, Jay Patel and Chan Patel

Public Participation - None

Approval of Minutes – The previously distributed minutes of the regular meeting of 7/10/14 were unanimously approved.

UNFINISHED BUSINESS

Establish a Hawleyville Sewer District – This will be handled after the extension is completed. It will be individual properties not boundaries. If you are a property owner and the properties on either side of you are on the sewer, to become sewerred it would be considered an extension.

FY 15 Budget – There is no material change from the last meeting. They are still getting the financial system up and running which should be ready for the next meeting.

Increasing Sewer and Water usage fees- The September 17th Legislative Council meeting will take up the water rates. Gene Vetrano moved to increase the primary sewer rate effective July 1, 2014 from \$7.79 to \$8.34 with a general administrative increase of 7% to all other rates. Motion passed with one abstainment, (Shepard).

Application of Newtown Mobil for discharge from a car wash – Attorney Robert Hall presented for the owners of Newtown Mobil (Attachment A). They are looking for approval to present to the Planning and Zoning Commission. The schematic that was provided in the hand out from Attorney Hall is what the state said that the WSA should accept as a minimum. This was verified by Fred Hurley's contact with state of CT DEEP permitting. This type of system will meet their requirement for industrial discharge. Alan Shepard moved to conceptually approve the application from Mobil Station at 62 Church Hill Road, for a car wash, with the conditions that they submit the manufacturer's specifications

on the grit and oil separators with the recommended pumping schedules. They also have to submit the pumping reports to the WSA for the disposals based on those pumping schedules. Dick Zang seconded motion unanimously accepted.

NEW BUSINESS

Committee Reports: SCADA, solar, I&I, Finance, regulations, water supply, collection and distribution systems –**SCADA** – installed a new DO, GHD will start working next week for tying in the sewer system and the programmers will come in on the 25th for the water. Once the water is running, they will go back to debugging the system as a whole. **SOLAR** - The solar panels have been working and there are no trips. **I&I** – still gathering data

Report by United Water Environmental Services Inc. – (Attachment B). There may be a problem with the Ambulance Garage. The clerk of the works has been informed that they put in 110V pump and they should have installed a 240V model. According to the manufacture, there are no 110V units in the state of CT. Various options will be explored including the requirement for them to pay for an additional unit as a backup.

Report by Public Works Director – The trailer park has individual septic systems for each pad. Putting in an internal gravity collection system may be the way to go. Marianne Brown said that they have an obligation as a board to prevent the inevitable. The added cost for this will be taken out of the individual benefit assessment or paid for by the grant. There will be a sit down with the property owner to explain the options and necessary actions to make the project feasible. Alan Shepard made motion to authorize Fuss & O'Neill to do a preliminary sketch with the caveat that the trailer park must provide Fuss & O'Neil with all the information needed to do the sketch at a maximum cost of \$10,000, Gene Vetrano seconded, motion unanimously approved.

Having no further business, meeting was adjourned at 8:43pm

Arlene Miles, Clerk

Attachment A

LAW OFFICES
ROBERT H. HALL, P.C.
43 MAIN STREET
P.O. BOX 395
NEWTOWN, CONNECTICUT 06470
TELEPHONE (203) 426-8177
FAX (203) 426-6529

ROBERT H. HALL

EMAIL ADDRESS
roberthallpc@yahoo.com

July 29, 2014

HAND DELIVERED

Newtown Water & Sewer Authority
c/o Mr. Fred Hurley
4 Turkey Hill Road
Newtown, Connecticut 06470

Re: Mobil Station Application for Car Wash

Gentlemen:

I expect to appear at your meeting on August 14th where I am hoping you will approve the car wash application so that I can apply to the Connecticut DEEP under the General Permit procedures.

At your last meeting Julio Segarra spoke about "conductivity." What he may not have realized is that the effluent from the car wash is first mixed in a 1000 gallon tank before it is discharged to the sanitary sewer. By the time you get this letter I hope to have spoken with him and that we can reach agreement on the nature of the effluent as not being harmful.

I previously gave you the pH factor for the five chemicals used in the car wash but I told you I did not have knowledge on the exact quantities of each.

I have now received the information from the manufacturer of the car wash. The minimum amount of water used is 40 gallons per wash. The amount of detergent/rinse used with a low pH is 1.5 ounces and the amount of the detergent/rinse used which is a high pH is 2.5 ounces. 1.5 ounces neutralize each other leaving 1 ounce of high pH to be diluted in 40 gallons of water.


The math on that works out to be 40 gallons of water equals 5,120 ounces which creates a dilution factor of .078125 percent or 78 one hundred thousandths concentration.

ROBERT H. HALL, P.C.

Newtown Water & Sewer Authority
c/o Mr. Fred Hurley
July 29, 2014
Page 2

If there is anything which you need before your August meeting which would cause you not to be able to approve the proposal that meeting, please let me know immediately so that we can supply it ahead of time.

Very truly yours,



Robert H. Hall

cc: Larry J. Edwards
Fred Hurley
Jay Patel

S 07°06'24" E
10.00'

ENVIRONMENTAL
VENTS

S 84°29'27" W
165.83'

NEW DUMPSTER
ENCLOSURE

CONCRETE BLOCK RETAINING WALL

PROPOSED
CAR WASH

CONCRETE
APRON

CANOPY

ISLANDS

BUILDING

CONCRETE SIDEWALK

**SANITARY
SEWER
MANHOLE**

IRON PIN
FOUND

SNET
#6177

BUILDINGS LLC

S 07°16'01" E

113.47'

SANITARY SEWER EASEMENT
VOL. 535 PG. 582
NEWTOWN LAND RECORDS

CHD MON
FOUND

SNET
#382

PAVED
RUNOFF

CATCHBASIN
TF=338.3

MANHOLE
TF=341.7

SEALED
MANHOLE
TF=342.0

CATCHBASIN
TF=339.5

MANHOLE
TF=340.2

ASPHALT

MANHOLE
TF=340.9

MANHOLE
TF=340.2

MANHOLE
TF=340.7

MANHOLE
TF=340.4

PUMP
ISLAND
(TYPICAL)

GAS
PUMP
(TYPICAL)

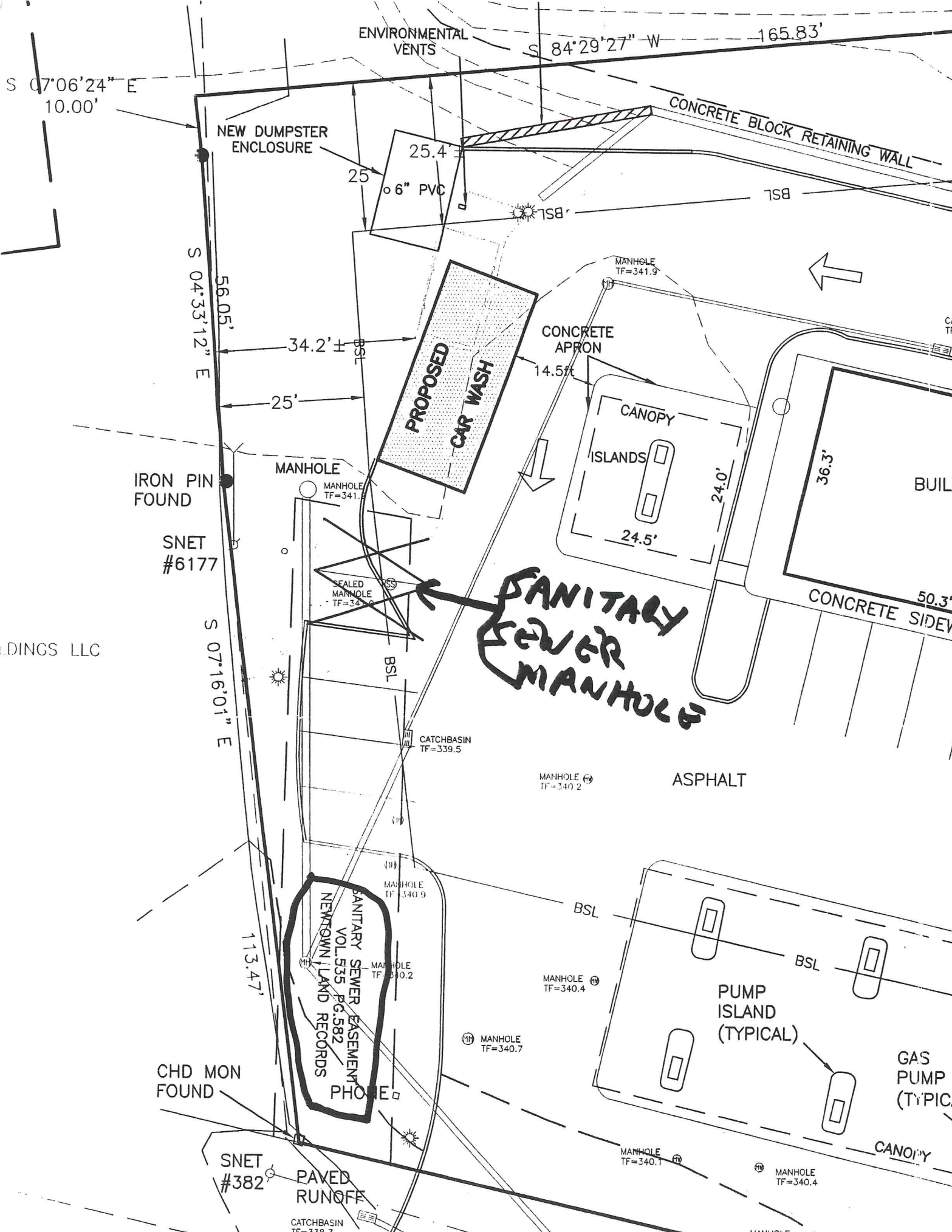
MANHOLE
TF=340.1

MANHOLE
TF=340.4

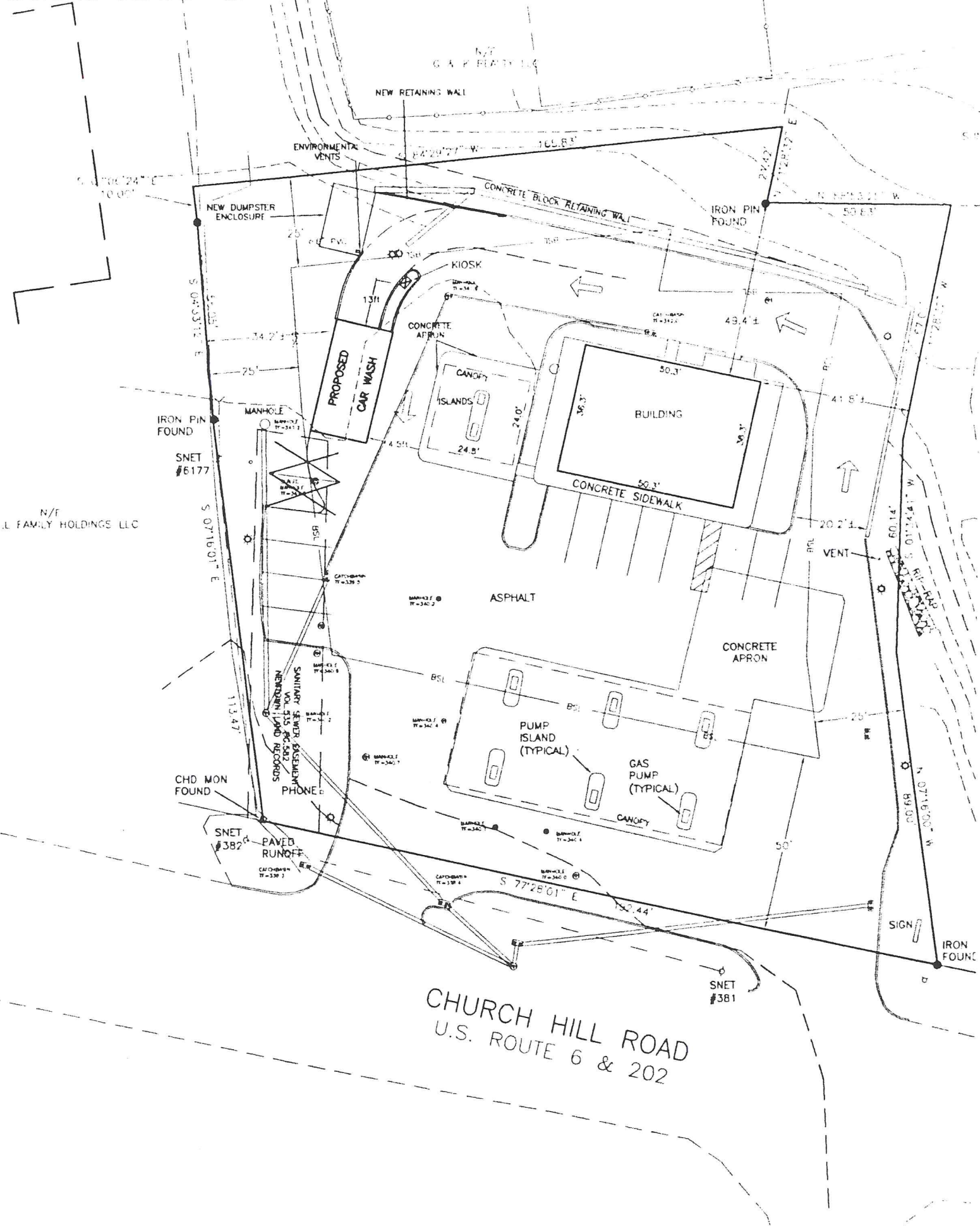
MANHOLE
TF=340.0

CATCHBASIN

CANOPY



EXISTING DATE DEPICTED HEREON. EXISTING SURVEY IS RECOMMENDED TO ACCURATELY



CHURCH HILL ROAD
U.S. ROUTE 6 & 202

Subject: RE: Car Wash connection to Newtown Sanitary Sewer

From: Creighton, James (James.Creighton@ct.gov)

To: roberthallpc@yahoo.com;

Date: Thursday, August 14, 2014 2:29 PM

Attorney Hall-

The registration you submitted for coverage under the *General Permit for the Discharge of Vehicle Maintenance Wastewater* (Vehicle Maintenance general permit) for the carwash at the Newtown Mobil at 62 Church Hill Road, Newtown is as complete as can be at this point. We cannot issue our Certificate of Registration under the Vehicle Maintenance general permit until we have received sufficiently completed Attachments C & D.

Feel free to contact me if you have any further questions.

Regards-

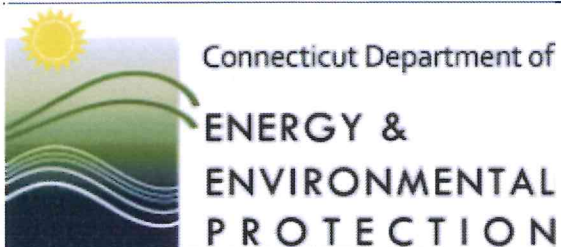
-Jim

James Creighton

Water Permitting and Enforcement Division

Bureau of Materials Management and Compliance Assurance

Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860-424-3681 | F: 860-424-4074 | E: james.creighton@ct.gov



www.ct.gov/deep



General Permit Registration Form for the Discharge of Vehicle Maintenance Wastewater

Please complete this form in accordance with the instructions (DEP-PED-INST-010) to ensure the proper handling of your registration. Print or type unless otherwise noted. You must submit the *Permit Application Transmittal Form* (DEP-APP-001) and the registration fee along with this form.

DEP USE ONLY	
Application No.	_____
Permit No.	_____
Facility I.D.	_____
DEPARTMENT OF ENVIRONMENTAL PROTECTION CENTRAL PERMIT PROCESSING UNIT	

Part I: Registration Type

Enter a check mark in the appropriate box identifying the registration type.

AUG 14 2014

B.C.

<p>This registration is for (check one):</p> <p><input checked="" type="checkbox"/> A new general permit registration</p> <p><input type="checkbox"/> A replacement of an existing individual wastewater discharge permit or registration</p> <p><input type="checkbox"/> A renewal of an existing general permit</p>	<p>RECEIVED BY _____</p> <p>Please identify any previous or existing permit/authorization/registration number in the space provided.</p> <p>Existing permit or registration number): _____</p>
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Part II: Fee Information

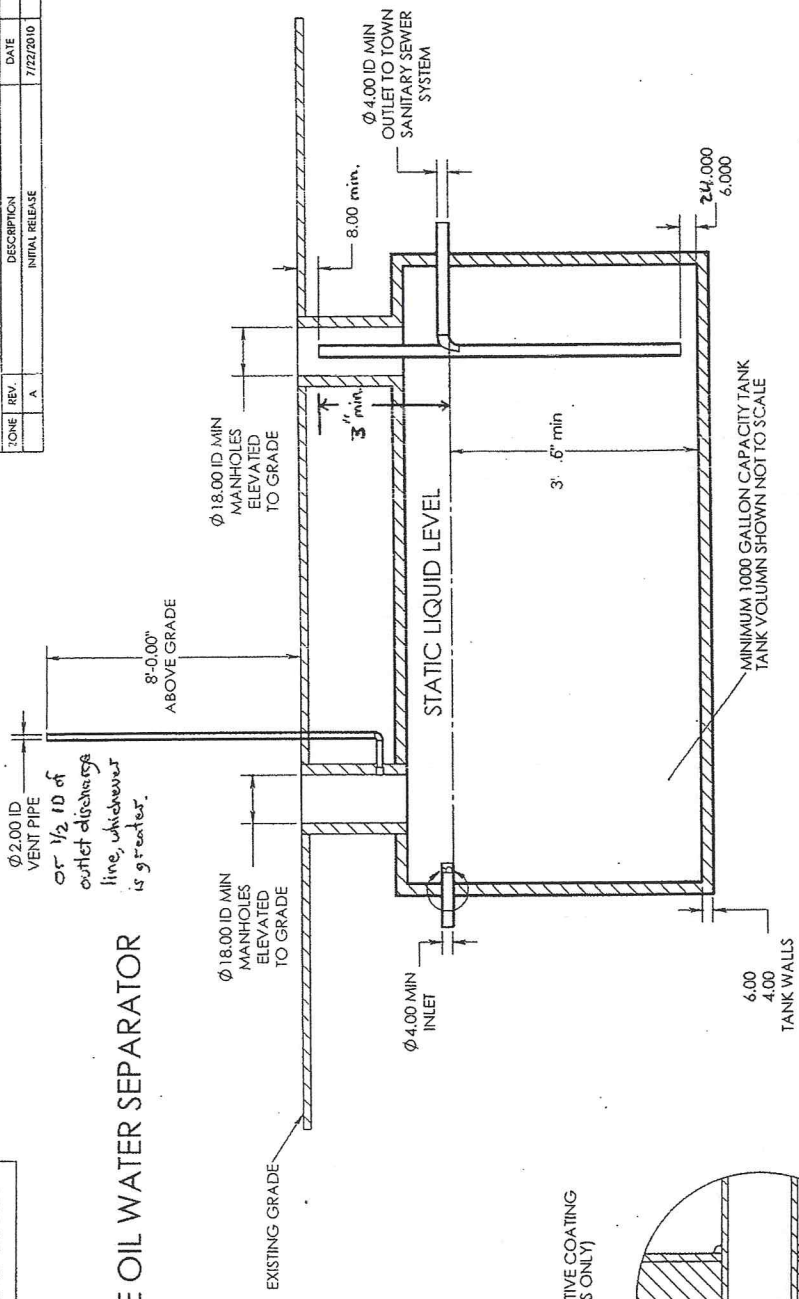
<input checked="" type="checkbox"/> Registration Only:	The registration fee of \$625.00 for any person and \$312.50 for any municipality shall be submitted with the registration form.
<input type="checkbox"/> Approval of Registration:	The registration fee of \$1,250.00 for any person and \$625.00 for any municipality shall be submitted with the registration form.

Part III: Registrant Information

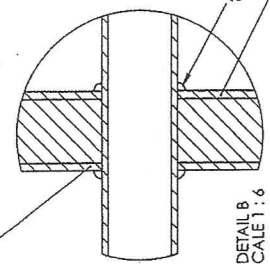
1. Fill in the name of the applicant/registrant(s) as indicated on the <i>Permit Application Transmittal Form</i> (DEP-APP-001):	
Applicant/Registrant: SATYAM SUNDARAM, LLC	
Phone: (203) 270-7854	ext. _____ Fax: _____
<input type="checkbox"/> Enter a check mark if there are co-registrants. If so, label and attach additional sheet(s) with the required information as supplied above.	
2. List primary contact for departmental correspondence and inquiries, if different than the registrant.	
Name: Jaydev K. Patel	
Mailing Address: 2 Stone Fence Lane	
City/Town: Newtown	State: CT Zip Code: 06470
Business Phone: (203) 948-4183	ext. _____ Fax: _____
Contact Person: Same	Title: Member

SEPARATOR, WATER, CONCRETE POLYMER		REVISIONS	
DATE	DESCRIPTION	DATE	DB
7/22/2010	INITIAL RELEASE	7/22/2010	
REV. A			

MINIMUM SIZE OIL WATER SEPARATOR



EXTERIOR PROTECTIVE COATING (CONCRETE TANKS ONLY)



DETAIL B SCALE 1 : 6

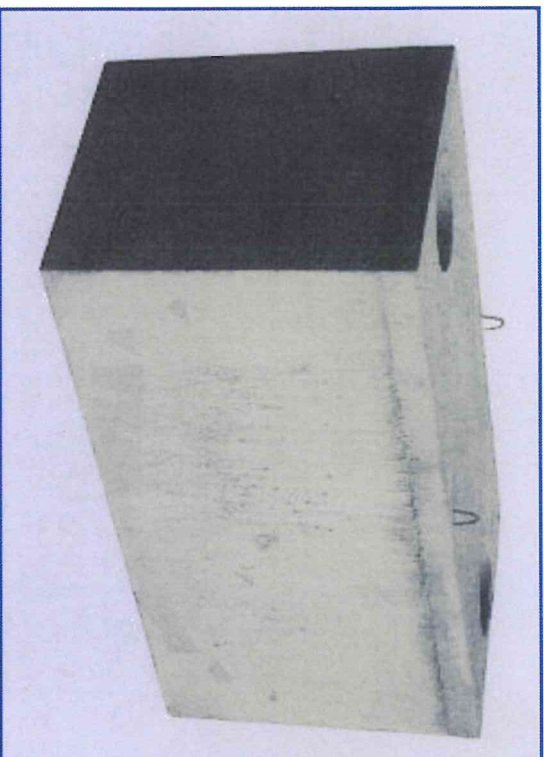
MATERIAL: Material not specified		UNLESS OTHERWISE SPECIFIED		APPROVAL	
BY		DATE		BY	
DRAWN		CHECKED		DATE	
DESIGNED		IN CHARGE		DATE	
PROJECT NO.		PROJECT NAME		PROJECT LOCATION	
SHEET NO.		SHEET TITLE		SHEET SCALE	
SHEET TOTAL		SHEET TOTAL		SHEET TOTAL	
SHEET TOTAL		SHEET TOTAL		SHEET TOTAL	
SHEET TOTAL		SHEET TOTAL		SHEET TOTAL	

Jarrett Concrete

PRODUCTS AND SUPPLY, INC.

Ashland City - 615-792-9332
2012 Hwy 12 S, 37015

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- [Precast Concrete](#)
- [Storm Shelters](#)
- [Jarrett Watertite Tanks™](#)
- [Construction](#)
- [Our Company](#)
- [Directions](#)
- [Contact](#)



Click picture for diagram and detailed specs.

Shipping weight 12,880 lbs


- These tanks come in standard sizes of 1,000 and 1,500 gallon and are kept in stock for immediate delivery. Capacities from 2,000 to 5,000 gallon
- The raw 24" openings are designed so that Jarrett Concrete risers can be mounted on the top of the tank to meet any surface grade.

- are available by special order.
- Each tank has a side opening on the inlet and outlet end which is 4" in diameter.
- Each tank inlet and outlet is equipped with the new adapter boot. This flexible rubber boot fits standard 4" piping. It is supplied with a stainless steel clamp to seal the inlet piping quickly and securely!

search

- Precast Concrete
 - Storm & Sanitary
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 - Miscellaneous
- Storm Shelters
- Jarrett Watertite Tanks™

WE'RE AVAILABLE

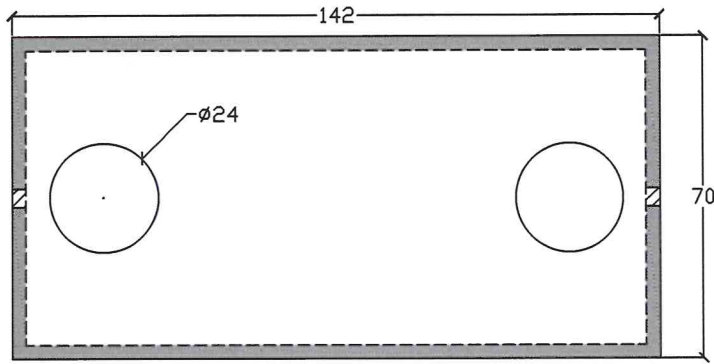


CLICK HERE TO CONTACT US

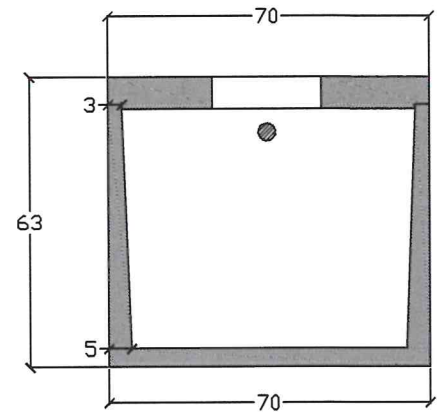


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Jarrett Concrete Products & Supply, Inc. • Precast Concrete Tennessee

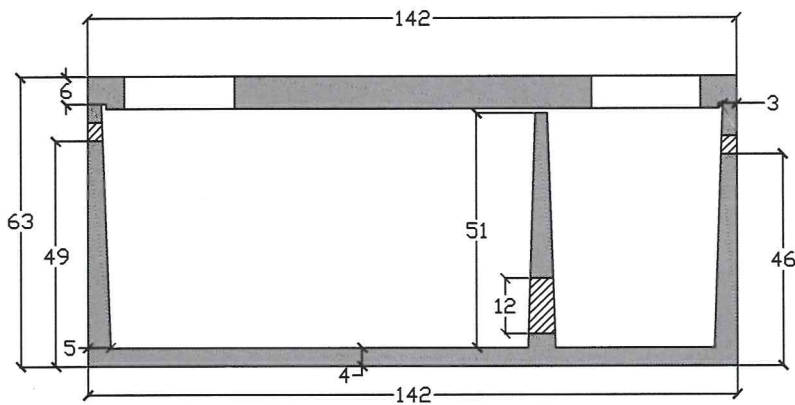
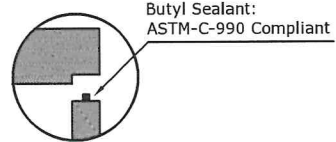


Top View

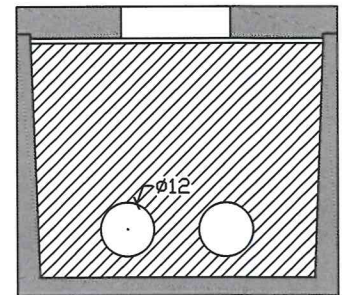


End View

- 4" inlet/outlet (standard)
- 12" holes - Baffle wall
- 2/3 - 1/3 compartment capacity



Side View



Baffle View

Specifications

Concrete: 5,000 psi minimum strength (28 day)
Reinforcing: Primary reinforcement will be rebar.
Risers: Grade rings and manhole frames and covers sold separately.
Sealant: Sealant used in the seam of the tank will meet or exceed ASTM C990.
Pipe Penetrations: Inlet and outlets are fitted with seals that meet or exceed all ASTM C923 specifications.
Partition Wall: The partition wall, if present, is poured monolithically.
Watertight: ASTM C 1227 latest revision. Tank must be tested within 3 working days of delivery.
Drawing: All measurements are accurate within ± 1 inch.

Installation: The tank hole is not to be more than 18 in. longer and wider than the tank. There shall be a minimum of 6" of 3/4" stone bedding. Do not install across path of vehicles or heavy equipment. This tank is designed for one hundred fifty pounds per square foot (150 lb/ft²) uniform loading on the top of the tank with a max backfill cover of 36" and a minimum of 6".



Oil-Water Separator 1500 Gallon

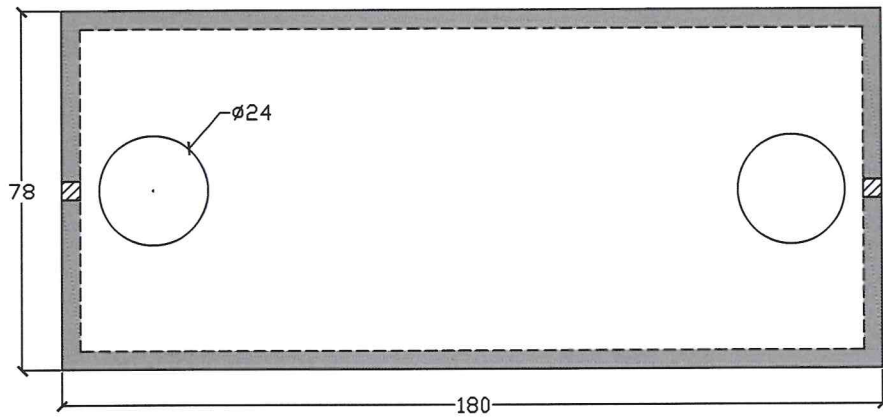
C.R. Barger & Sons, Inc.
 P.O. Box 370 - Kingston TN 37763
 Phone 888.882.5860 - BargerAndSons.com

Date: 5.102010

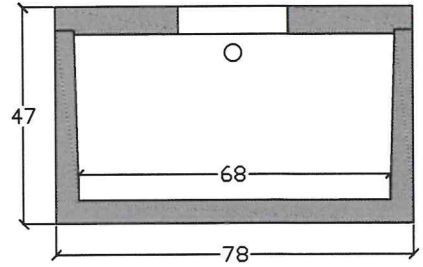
Drawn By: Eric Barger

Approx. Weight:

16,000 lbs.

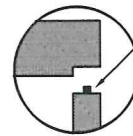


Top View

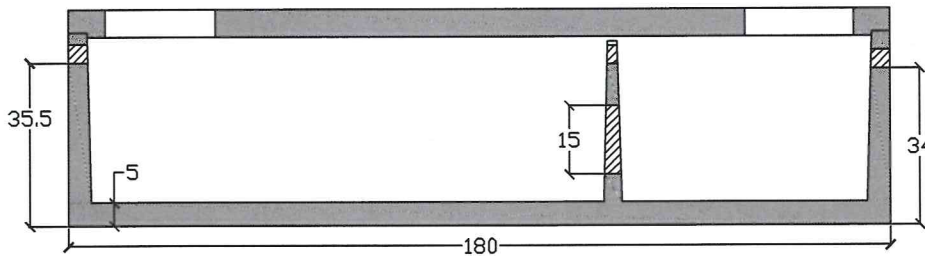


End View

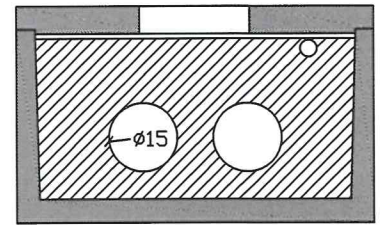
- 4" inlet/outlet (standard)
- 15" holes -Baffle wall
- 2/3 - 1/3 compartment capacity



Butyl Sealant:
ASTM-C-990 Compliant



Side View



Baffle View

Specifications

Concrete: 5,000 psi minimum strength (28 day)
Reinforcing: Primary reinforcement will be rebar.
Risers: Grade rings and manhole frames and covers sold separately.
Sealant: Sealant used in the seam of the tank will meet or exceed ASTM C990.
Pipe Penetrations: Inlet and outlets are fitted with seals that meet or exceed all ASTM C923 specifications.
Partition Wall: The partition wall, if present, is poured monolithically.
Watertight: ASTM C 1227 latest revision. Tank must be tested within 3 working days of delivery.
Drawing: All measurements are accurate within ± 1 inch.

Installation: The tank hole is not to be more than 18 in. longer and wider than the tank. There shall be a minimum of 6" of 3/4" stone bedding. Do not install across path of vehicles or heavy equipment. This tank is designed for one hundred fifty pounds per square foot (150 lb/ft²) uniform loading on the top of the tank with a max backfill cover of 36" and a minimum of 6".



Oil-Water Separator 1500 Gallon Lowboy

C.R. Barger & Sons, Inc.
 P.O. Box 370 - Kingston TN 37763
 Phone 888.882.5860 - BargerAndSons.com

Date: 5.102010

Drawn By: Eric Barger

Approx. Weight:

22,000 lbs.

P D Q L A S E R W A S H S E R I E S

LASERWASH[®] 360

SMART 360
TECHNOLOGY

Touch-Free In-Bay Automatic Vehicle Wash System



Delivering Innovative Vehicle Cleaning Solutions Worldwide

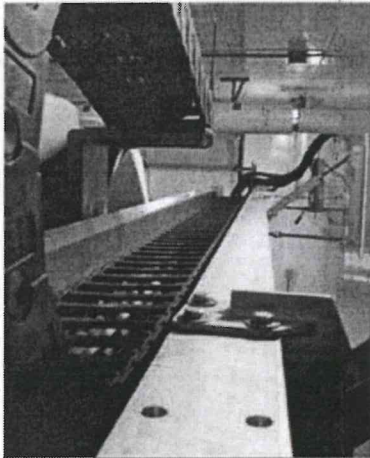
A DOVER COMPANY

PERFORMANCE, DEPENDABILITY AND QUALITY

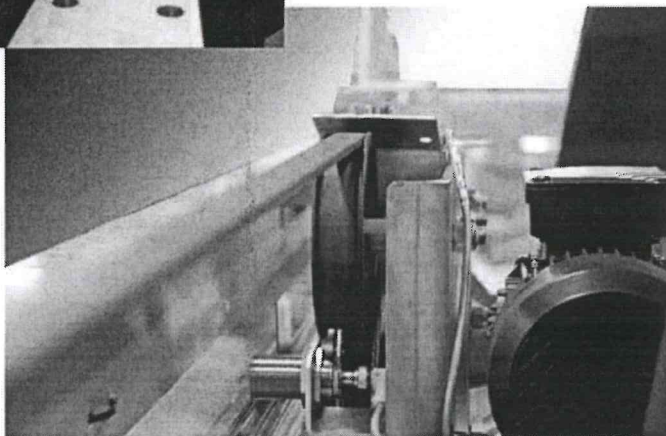
With more than 10,000 LaserWashes shipped worldwide, PDQ Manufacturing, Inc., takes great pride in being the leader in the in-bay automatic vehicle wash industry. We are dedicated to providing wash operators with the most innovative equipment that exemplifies our tradition of **Performance, Dependability and Quality**. The new LaserWash® 360 raises the standard again with new revenue-enhancement features and total cost-of-ownership improvements that offers wash operators the opportunity to realize the industry's highest return on investment.



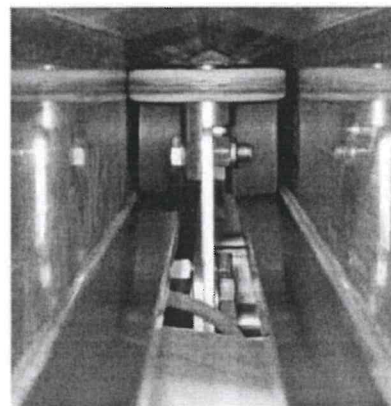
Simplified engineering and high-quality materials provide the optimal balance between initial investment and long-term profitability. Substantially faster wash speeds increase vehicle throughput, resulting in shorter wash lines that will delight your customers and keep them coming back again and again. Smart 360™ Technology enables the LaserWash® 360 to be highly responsive to dynamic conditions in the wash bay, minimizing downtime and optimizing the wash process, resulting in higher customer satisfaction and repeat business.



E-Chain
Left or right mounted energy chain for easy and low-cost installation



Slip-Free Belt Drive
Bridge and trolley movements are controlled using slip-free drive belts for improved performance and wash accuracy. Less moving parts provide a much simpler drive system.



Rollers Inside
Bridge and trolley movements are smooth and effortless using internally mounted dual-axis rollers. The hanging design enhances self-centering and improved roller life by protecting the rollers from the harsh wash environment.



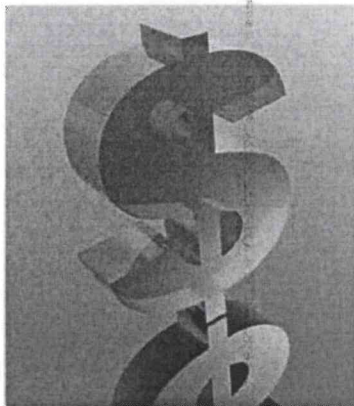
Revenue Enhancing Services

The LaserWash® 360 offers significantly faster wash speeds that minimizes your customer's valuable time at the site. Unlimited wash-package configurations and multiple service offerings allows you to provide customers a full array of choices that satisfy even their most discriminating needs. New up-sellable features include front bug prep for superior bug removal, dedicated super sealants and FlashDry® rinse options that offer a choice of multiple drying configurations. These innovative services delight your customers with the ultimate washing experience, and they will leave your site with the cleanest, shiniest and driest vehicle possible, one that they will be proud to drive.



More Services

Increased service offerings include undercarriage, triple foam, bug prep, super sealant and more.



Lower Cost of Ownership

As car wash operating costs continue to rise, operators are taking a much closer look at reducing electrical, water, chemical and maintenance costs to better compete and improve their profitability. The LaserWash® 360 was designed with this in mind: minimizing water requirements, reducing electrical consumption through the incorporation of variable-frequency drives and lowering chemical usage that allows the savings to drop down to the bottom line. Smart 360™ Technology dramatically reduces the need for site attendants to intervene with the wash process allowing them to focus on more important tasks.

A "keep-it-simple" design goal minimizes the need for sensors, grease fittings, swivels and valves, while the use of common electrical components throughout the system allows easier troubleshooting, minimizes regular maintenance costs and delivers consistent high-quality cleaning. Additionally, the LaserWash® 360 is built using only the best in non-corrosive materials, providing operators a rugged machine that will deliver a long, reliable life of revenue generation.

Vehicle Positioning

One of PDQ's most recognizable innovations is the unparalleled Virtual Treadle®. This electronic vehicle-sensing technology eliminates drive-on floor-mounted mechanisms, creating a wide open and inviting bay for your customers. The Virtual Treadle process begins as the vehicle enters the wash bay. Ultrasonic sensors accurately measure the vehicle's width, and bridge sensors signal the driver to stop or back up, by activating easy to understand audible LED signs. The wash system is then activated with an electronic safety envelope surrounding the entire vehicle, allowing the LaserWash® 360 to maintain an optimum cleaning distance whether the vehicle is parked to one side or angled in the wash bay.



Arch Control

The ultra-sophisticated LaserWash® 360 Arch Control System drives quicker throughput and amazes customers with its precise movements throughout the entire wash process. The arch is able to rotate 360 degrees while simultaneously navigating around the vehicle. The Automatic Obstacle Guidance System uses advanced technology to locate obstacles such as trailer hitches, side mirrors and other obstacles that may restrict the wash arch from properly traveling around the perimeter of the vehicle. The arch will move away from the obstacle, record the position of the obstacle to avoid it on subsequent passes and continue washing the vehicle. If the wash arch cannot avoid an obstacle it will attempt to fully retract, rinse off any solution using the overhead rain arch and prompt the customer to exit the bay. After the vehicle has exited and the bay is clear the machine will automatically reset in preparation for the next vehicle.



Virtual Treadle Loading

The totally integrated loading system provides consumers with simple entry into the wash without the hassles of treadles, guide rails or hanging tee-bars.



Superior Cleaning System

The LaserWash® 360's simple but sophisticated feature set provides exceptional chemical application and coverage with rounded corner profiling, Smart Dwell® chemical deployment and articulating arch functions that allow the system to cover the backs of side mirrors. The new arch-oscillation feature aggressively attacks bugs on the front of vehicles from multiple angles for superior bug removal and cleaning in areas with even the most difficult deposits. With more than 1,000 PSI (70 BAR) water pressure, the LaserWash® 360 supplies the necessary impingement to remove stubborn dirt and debris in even the most hard-to-reach areas of the vehicle. The LaserWash® 360 allows you to store and readily access your preferred or seasonal wash packages, customize wash services and adjust wash speeds in an infinite set of combinations. This functionality provides site operators with the ultimate programmable wash system for fast, consistent cleaning and exceptional performance.



STEP 1
Move away from the obstacle.

STEP 2
Automatically back off to safely pass around the obstacle.

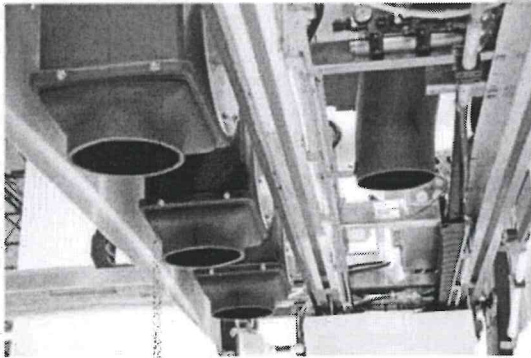
STEP 3
Continue wash process and record position to avoid obstacle on the next pass.



This ensures the safest and most effective wash for all vehicle configurations. The three-axis arch movement provides rounded corner profiling that produces consistent and effective coverage by keeping the nozzles directed at the vehicle no matter which position the arch is in, a capability that sets a new, unmatched standard in the industry. No more chemicals or water sprayed on the floor! The Smart 360™ arch control makes every second productive – corner profiling eliminates wasted movement and the wash time at each corner is reduced by 60%.

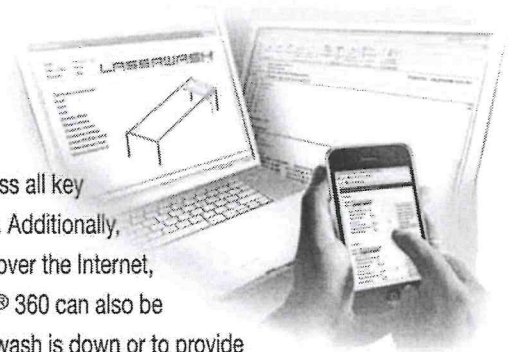
Drying System

PDQ's LaserWash® 360 integrated dryer option can be coupled with the unique FlashDry® High-Volume Spot-Free Rinse service. FlashDry® requires no additional time for a basic dry by completing the rinse and dry cycles in a single, simultaneous operation. Developed on the principal that it is easier to remove water that is already in motion, FlashDry® technology simultaneously rinses and removes more than 80% of the water in a single 10-second pass. Additional dryer options include a MaxAir® Stand-Alone Dryer, or the ability to use the integrated dryer as a drive-through dryer unit as the customer exits the wash bay. These options allow greater package differentiation, giving operators the ability to up-sell customers for increased revenue and profitability.



Networking & Remote Monitoring

The LaserWash® 360 wash control system uses a web browser interface, which allows you to access all key operating functions of the wash equipment through your web browser without any special software. Additionally, you can configure wash packages, program machine functions and monitor sales activity remotely over the Internet, getting real-time information and eliminating unnecessary visits to your wash sites. The LaserWash® 360 can also be programmed to automatically send alerts to your PC, Tablet or Smartphone to let you know if your wash is down or to provide status updates on critical issues that may be occurring at your wash locations. This capability keeps you in touch with all of your sites from anywhere at anytime.



LaserWash® 360 Features:

Standard Machine Features:

Standard Machine Includes: LaserWash® 360, Corrosion-Resistant Bridge & Trolley, Smart 360™ Technology (with: Smart Networking, Smart Dwell®, Smart Arch Control, Smart Drying System and Smart Cleaning System), Automatic Obstacle Guidance, SST Wall Mounts, Aluminum Rails, Virtual Treadle, Electrical Control Panels, Basic LED In-Bay Sign, General Pump



Scan this QR code with your Smartphone and view the LaserWash® 360 video

Options:

- CAT 3535 Pump
- Water Heater
- Second/Third Pressure Fed Inlet
- Water Saver Package
- In-Bay Pump Station Covers
- 2 or 4 Nozzle Integrated Dryer
- MaxAir® Stand Alone Dryer
- LED Service Confirmation Sign
- LED Entrance Sign
- High Pressure Undercarriage
- Extended Solution Package
- 3X Color Foam
- Booster Pump for Low Pressure Sites
- Dedicated Super Sealant Manifold
- Dedicated Front Bug Prep Manifold
- Rust Inhibitor
- Wheel Cleaner
- High Volume Rinse Arch
- Electric High Pressure Gatling Guns
- Free Standing Frame
- Spot Free Rinse Application
- Water Reclaim Systems
- Storage Tanks
- Wash Activation Entry Terminals
- Cortex Site Management Software
- WAL5 Loyalty Program

LaserWash® 360 Specifications

Building Requirements

Height	Wall Mount	10'-6" Minimum (3.20 m)
	Frame Mount	10'-8" (3.28 m)
Width	Wall Mount	13'-6" Minimum to 18'-0" Maximum (4.11 to 5.49 m)
	Frame Mount	13'-6" Minimum (w/o integrated dryer) (4.11 m)
		14'-1" Minimum (w/integrated dryer) (4.28 m)
Length	Wall Mount	28'-4" (full length rails)** (8.64 m)
	Frame Mount	29'-7" (full length rails)** (9.02 m)

Note: Equipment dimension specifications do not take into consideration any obstructions, unusual wash bay configurations, etc. **Rails can be cut to length for shorter bays.

Utility Requirements

Air	1.5 SCFM @ 90 psi (0.68 Bar)
Water	38 GPM @ 30 psi (Direct Feed)
	19 GPM @ 10 psi (Low Flow Tank Feed)
Electrical	3-Phase, 50/60 Hz

Electrical Requirements

Voltage	Pump Station	Water Heater	Bridge	Dryer Power Feed #1	Dryer Power Feed #2
208/230	90/85 Amps	28/25 Amps	20 Amps	44/41 Amps	44/41 Amps
380	60 Amps	25 Amps	20 Amps	15 Amps	15 Amps
460	40 Amps	208/230V - 28/25 Amps	208/230V - 20 Amps	21 Amps	21 Amps
575	30 Amps	208/230V - 33/30 Amps	208/230V - 20 Amps	17 Amps	17 Amps

Drying Options

30 HP Integrated 4 – Producer MaxAir® Dryer (FlashDry Ready)	(208/230/380/460/575V 60 Hz)	(220/380V 50Hz)
15 HP Integrated 2 – Producer MaxAir® Dryer (FlashDry Ready)	(208/230/380/460/575V 60 Hz)	(220/380V 50 Hz)
30 HP Stand Alone 4 – Producer MaxAir® Dryer	(208/230/380/460/575V 60 Hz)	(220/380V 50Hz)
45 HP Stand Alone 6 – Producer MaxAir® Dryer	(208/230/380/460/575V 60 Hz)	(220/380V 50 Hz)

PDQ reserves the right to revise designs, add or delete features and change specifications at any time without notice or obligation.

Feel comfortable in your decision to purchase PDQ Equipment. We are proud to be part of **DOVER CORPORATION** A Fortune 500 Company.

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MONTHLY OPERATING REPORT July 2014 TOWN OF NEWTOWN WPCF

EXECUTIVE SUMMARY

During the month of July the plant process performed well. Nitrogen average pound per day during the month was 10 lbs. The open channel flow meters have been relocated to new locations. The meters are located at a cross lot manhole on Taunton lake dr. coming from Diamond Dr. and directly prior to the Taunton Lake pump station. This will be our next areas of focus.

The plan will be to inspect during heavy rains for signs of inflow.

SCADA project is progressing through the pump stations

Pump stations have been completed for the most part with touch up work needed at all locations. Water Pollution plant also requires some minor touch-up and testing.

There have been no operational events due to the upgrade work being performed. The DEEP has been kept in the loop as the project proceeds. The seasonal operation of Ultraviolet disinfection and Phosphorous removal have been operating well

Below are some of the highlighted major operation and maintenance items that are currently in progress or completed.

PROJECTS

SCADA

- Work being done at Plant Filter Building for the SCADA Project.
- Electrical work being done on Well 7 For the SCADA Project.
- Work being done on Well 8 and Bunker for SCADA Project.
- SCADA upgrade being done in the Headworks Building.
- Work being done on the Clarifier Building for the SCADA Project.
- The pump station upgrades were delayed to allow GHD to allow planning and installation of the plant SCADA System prior to disinfection season.
- The water pollution plant now has its own frequency using the Store and Forward method of communication.
- The store and forward will allow more frequent reports of data (every ten minutes or change of status) from each of the remote sites. Therefore improved resolution in the data!
- Knapp engineering will be submitting the final electrical drawings to GHD.

ODOR ABATEMENT

No odors this month.

STAFFING

We are presently fully staffed.

TRAINING

All employees continued with our in house OSHA compliance safety training through Pure-Safety.

REGULATORY COMPLIANCE

In Compliance

SOLIDS HANDLING

Type	Gallons This Month	Target	Gallons This Year	Target
Sludge (SYNAGRO)	32,500	40,625 gal/mo 2 loads/wk	0.861 MG	0.527 MG 75 loads/yr

ANALYSIS OF WASTED SLUDGE

Waste Activated Sludge	Total Gallons	Min %	Max %	Average %	Total Pounds
SYNAGRO	32,500	4.62	5.39	5.05	13,677

EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Sewer Backup	0	1
Pump Station	5	37
Plant	2	25
Odor	0	3
Grinder Systems	3	31

FINANCIAL STATUS – MAINTENANCE

Item	Budget \$	\$ Spent/Mo	\$ Spent/Yr	\$ Remaining
Preventative and Predictive	\$55,000	\$4,696.72	\$4,696.72	\$50,303.28
Capital Repair and Replacement	\$95,000	\$20,517.42	\$20,517.42	\$74,482.58

HAWLEYVILLE SEWER DISTRICT EXECUTIVE SUMMARY - OPERATION & MAINTENANCE

INSPECTIONS

Type	Total This Month	Total for Year
Hawleyville Pump Station	9	18
Grinder Pump Station 1		
Grinder Pump Station 2		
Grinder Pump Station 3		
Grinder Pump Station 4		

EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Hawleyville Pump Station	0	0
Grinder Pump Station 1		
Grinder Pump Station 2		
Grinder Pump Station 3		
Grinder Pump Station 4		

HAWLEYVILLE MAINTENANCE

The following data is provided as a record of maintenance work order activities during the month.

Type	Total This Month	Total for Year
Preventative Maintenance	2	5
Corrective Maintenance		
Emergency Maintenance		

FIELD OPERATIONS

Hawleyville District	Monthly Qty	Total for Year
Service Inspections		
Call-Before-You-Dig (CBYD)	4	8

HAWLEYVILLE - FINANCIAL STATUS – MAINTENANCE

Item	Budget \$	\$ Spent/Mo	\$ Spent/Yr	\$ Remaining
Preventative and Predictive				
Capital Repair and				

OPERATION & MAINTENANCE

- The reconditioning of the bunkers is near complete. Next step will be installing the canopies and hatches.
- July 18th thru 30th GHD will begin upgrading the well, WTP, and bunkers.
- Back flush at Washington Square and Mile Hill Rd.
- Installed new flow meters at well 3 and the WTP force main to the bunkers.
- Installed conduits and a new service at the bunkers.

STAFFING

Currently, all the regulatory required staffing positions are met for the Water Treatment Facilities.

REGULATORY COMPLIANCE

The Department of Health Monitoring Report did meet full compliance during the month.

EMERGENCY CALL-OUTS

Type	Total This Month	Total for Year
Plant WTP	0	10
Well Houses	0	0
Reservoirs (Storage)	0	1
Customer Service Issues	2	14
Water Main Breaks	0	0

FAIRFIELD HILLS MAINTENANCE

The following data is provided as a record of maintenance work order activities during the month.

Type	Total This Month	Total for Year
Preventative Maintenance	15	222
Corrective Maintenance	3	23
Emergency Maintenance	1	9

FIELD OPERATIONS

Other	Monthly Qty	Total for Year
Valve Inspections	10	52
Hydrant Inspections	3	38
Service Inspections	15	119