
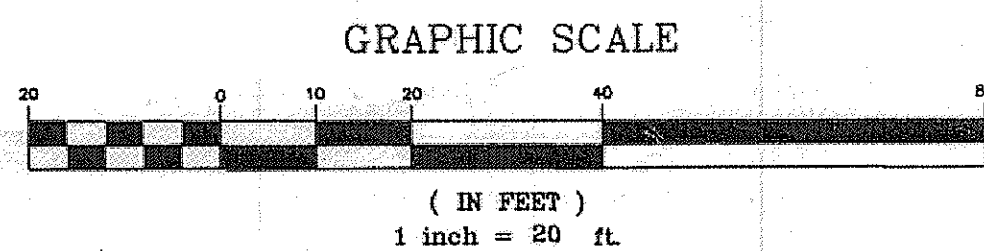


WASTEWATER SYSTEM PROVIDED BY:  
SUBURBAN SEPTIC SERVICE, INC.  
4229 BECK ROAD  
MEDINA, OHIO 44256  
(800) 888-9975

I CERTIFY THAT THIS PLAN WAS  
PREPARED BY ME AND IS  
CORRECT TO THE BEST OF MY  
KNOWLEDGE AND BELIEF.

 M 5-26-11

STAN R. LOCH P.E. #63332 (DATE)



GENERAL NOTES:

1. ALL GRAVITY SEWER LINES SHALL BE SCH. 40 PVC, 1/8" TYP. MIN./V" TYP. MAX SLOPE (OR AS SHOWN ON PLANS) AND SHALL CONFORM TO ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3035.
2. ALL PRESSURE PIPE SHALL BE SCH. 40 AND SHALL CONFORM TO ASTM D-2241 WITH JOINTS CONFORMING TO ASTM D-3139.
3. THESE DRAWINGS WERE PREPARED IN ACCORDANCE WITH THE LAKE COUNTY DEPARTMENT OF HEALTH REGULATIONS AND GHD DEPARTMENT OF HEALTH REGULATIONS.
4. INSTALLER IS TO FIELD VERIFY GRADES AND CONSULT THE ENGINEER IN THE CASE OF DISCREPANCY.
5. ALL DISBURSED AREAS TO BE GRADED AND SEEDED UPON COMPLETION.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING, SHEETING AND SHORING FOR EXCAVATION.
7. TANKS SHALL BE FILLED WITH WATER IMMEDIATELY AFTER INSTALLATION TO PREVENT "FLOATING".
8. COOPERATION WITH LAKE COUNTY DEPARTMENT OF HEALTH AND MSD REQUIREMENTS.
9. SUPPLY FOREMANS TO BE INSTALLED GREATER THAN 3'-0" DEEP TO PREVENT FREEZING.

**INSTALLATION:** AREAS DESIGNATED FOR INSTALLATION AND REPLACEMENT SHALL BE UNDISTURBED AND BE PROTECTED FROM DAMAGE OR DISTURBANCE. ANY DAMAGE OR DISTURBANCE MAY RESULT IN THE INVALIDATION OF THE DESIGN PLAN. IF DISTURBANCE OR DAMAGE HAS OCCURRED, INSTALLATION SHALL NOT PROCEED. THE REGISTERED INSTALLER SHALL CONTACT THE OWNER, THE DESIGNER, THE DRIP DISTRIBUTION RESPONSIBLE PARTY, AND THE BOARD OF HEALTH. INSTALLATION OF THE SUBSURFACE DRIP TUBING OR PREPARATION OF THE SOIL INFILTRATION INTERFACE FOR AT GRADE OR ELEVATED SAND FILL DRIP FIELDS SHALL NOT PROCEED WHEN THERE IS A PUBLIC CONTACT DESIGN ENGINEER 72 HOURS PRIOR TO START OF CONSTRUCTION. INSTALLER SHALL CONTACT DESIGN ENGINEER IN THE EVENT THAT INSTALLATION SHALL BE A PUBLIC CONTACT DESIGN ENGINEER 72 HOURS PRIOR TO START OF CONSTRUCTION. INSTALLER SHALL CONTACT DESIGN ENGINEER IN THE EVENT THAT ANY PORTION OF THE SYSTEM IS CHANGED DUE TO SITE CONDITIONS. DESIGN ENGINEER SHALL APPROVE OF ANY CHANGES. IN THE EVENT THAT CHANGES ARE MADE WITHOUT CONSULTATION WITH THE DESIGNER, THE INSTALLER SHALL TAKE FULL RESPONSIBILITY FOR THE SYSTEM.

**THE INSTALLER SHALL SCHEDULE A START UP WHERE THE INSTALLER/EQUIPMENT SUPPLIER, HEALTH DEPARTMENT, AND DESIGN ENGINEER ARE ALL PRESENT. THE TANKS SHALL BE FULL OF WATER SO THAT PUMP SETS CAN BE PERFORMED. THE START UP SHALL INCLUDE DRAW DOWN TESTS, PUMP CYCLING TESTS, AND DRIP DISTRIBUTION PRESSURE TESTS. CONTRACTOR TO PROVIDE AS-BUILT DRAWING TO LOCAL HEALTH DEPARTMENT AND THIS ENGINEER TO VERIFY COMPLIANCE WITH OOH REGULATIONS.**

**MAINTENANCE PERIOD:**  
THE SYSTEM INSTALLER SHALL BE REQUIRED TO PROVIDE SYSTEM INSPECTION AND MAINTENANCE FOR A PERIOD OF 24 MONTHS FROM START-UP. IN THE EVENT THAT THE SYSTEM DOES NOT OPERATE PROPERLY, THE INSTALLER SHALL CONTACT THE HEALTH DEPARTMENT AND SYSTEM DESIGNER FOR A FIELD VISIT TO DETERMINE CORRECTIVE ACTIONS.

OPERATION AND MAINTENANCE:  
THE OWNER OF THIS SYSTEM IS REQUIRED TO MAINTAIN AN O & M SERVICE CONTRACT WITH A REGISTERED SERVICE PROVIDER CERTIFIED BY THE MANUFACTURER. AN OPERATION AND MAINTENANCE MANUAL CAN BE LOCATED ON THE INTERNET AT: [HTTP://WWW.ODH.OHIO.GOV/ASSETS/1B3A96C35E86479E858CEFB326DF782C/OMSDRIP.PDF](http://www.odh.ohio.gov/assets/1B3A96C35E86479E858CEFB326DF782C/OMSDRIP.PDF)

ASSURANCES:  
SUBURBAN SEPTIC SERVICES, INC. (800) 888-9975 IS THE RESPONSIBLE PARTY TO PROVIDE ASSURANCES THAT THE PROJECT MEETS THE FOLLOWING:

1. ASSURE SITE, SOIL CONDITIONS AND LIMITATIONS REPORTED REPRESENT ACCURATE INFORMATION.
2. ASSURE THESE DESIGN PLANS COMPLY WITH OHIO DEPARTMENT OF HEALTH REGULATIONS.
3. ASSURE PROPER INSTALLATION AND OVERSIGHT AS NECESSARY.
4. ASSURE UPON COMPLETION, A SYSTEM START-UP IS CONDUCTED TO ESTABLISH BASELINE PERFORMANCE AND COMPLIANCE WITH DESIGN SPECIFICATIONS.
5. ASSURE THAT QUALIFIED AND REGISTERED SERVICE PROVIDERS ARE AVAILABLE TO CONDUCT O & M FOR THE ENTIRE SYSTEM THROUGH THE SERVICE CONTRACT REQUIREMENTS.

DRIP TUBING:  
MODEL NUMBER - WFPC16-4-24  
CATALOG NUMBER - PC 1.01

5425 WARNER ROAD - SUITE 12  
VALLEY VIEW, OHIO 44125  
440-602-9071

FAX 216-369-0259

**AZTECH**  
ENGINEERING and SURVEYING  
Civil Engineering · Land Surveying

HORIZ. SCALE:	1"=20'	VERT. SCALE:	
DRAWN BY:	CL	DATE:	5/26/11
CHECKED BY:	SRL	DRAWING NO.:	2011246
JOB NO.:	20112463	SHEET	1 OF 2

SEPTIC SYSTEM DESIGN FOR  
PETROS HOMES, INC.  
10188 QUARRY VIEW LANE  
S/L 12 OF THE CHAPIN LEDGES SUBDIVISION  
PLAT VOLUME 54, PAGE 8  
CITY OF KIRTLAND, LAKE COUNTY  
STATE OF OHIO

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