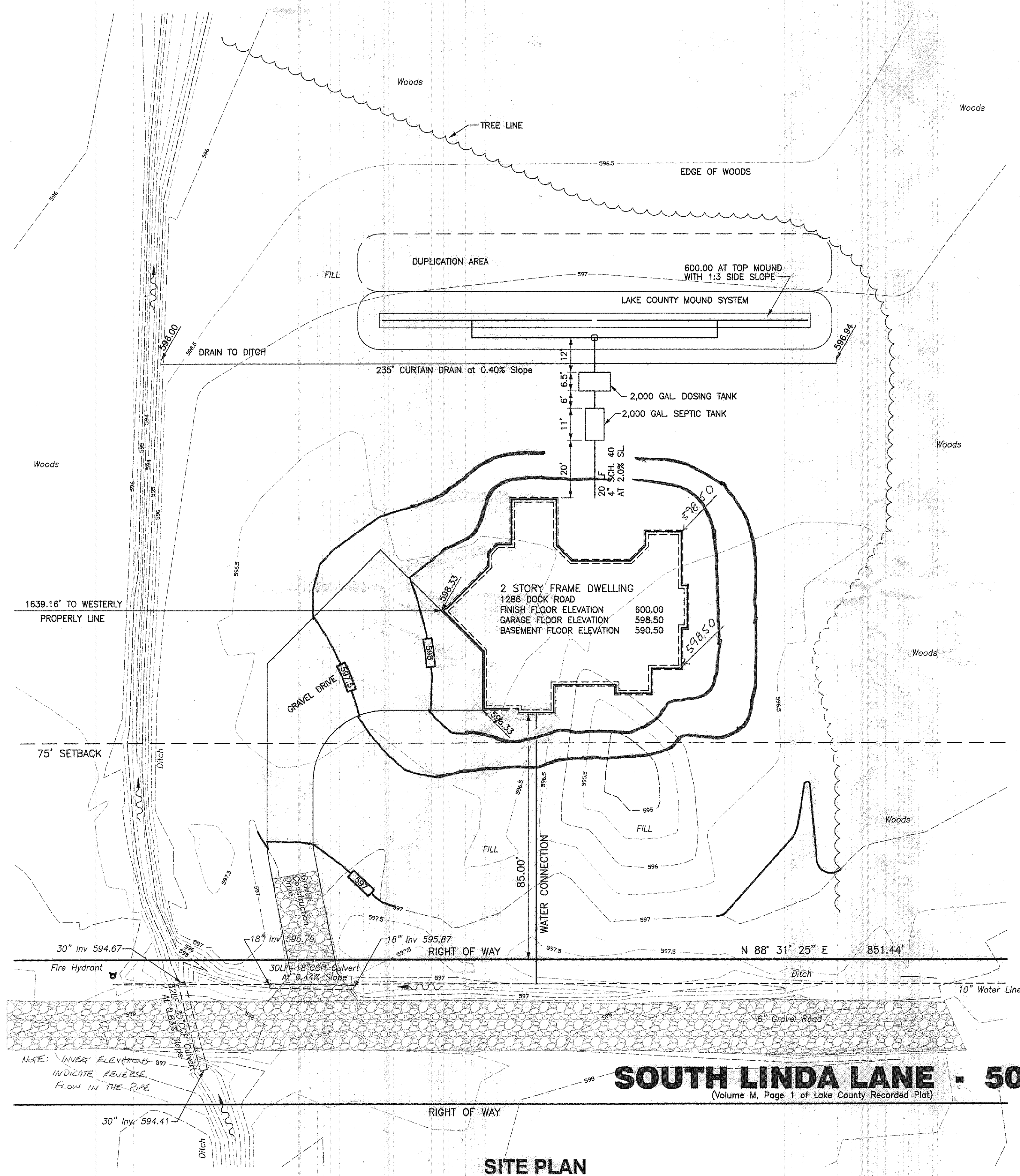




**2 WORKING DAYS
BEFORE YOU DIG**
800-362-2764
TOLL FREE
OHIO UTILITIES PROTECTION SERVICE

NOTES:

- SANITARY CONSTRUCTION NOTES:**
- ALL GRAVITY SEWER LINES SHALL BE SCHEDULE 40 PVC, 5/8" per FT (MINIMUM), 1/4" per FT (MAXIMUM) SLOPE OR AS SHOWN ON PLAN AND SHALL CONFORM TO ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3212.
 - ALL FORCED SEWER LINES SHALL BE SCH.40 AND SHALL CONFORM TO ASTM D-2241 WITH JOINTS CONFORMING TO ASTM-3139 OR SDR 26.
 - INSTALLER IS TO FIELD VERIFY GRADES AND CONSULT THE ENGINEER IN THE CASE OF DISCREPANCY.
 - INSTALLER IS TO VERIFY THE LOCATION OF ALL SITE UTILITIES PRIOR TO CONSTRUCTION.
 - ALL DISTURBED AREAS SHALL BE GRADED AND SEEDED UPON COMPLETION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING, SHEETING AND SHORING FOR EXCAVATION AND TRENCH.
 - TANKS SHALL BE FILLED WITH WATER IMMEDIATELY AFTER INSTALLATION TO PREVENT FROM BEING OUT OF ALIGNMENT.

SAND FILL SPECIFICATIONS For Mound:

- < 20% Greater Than 2 mm
- < 5% Smaller Than 0.053 mm

Plus:

ASTM C-33 Specification

Or

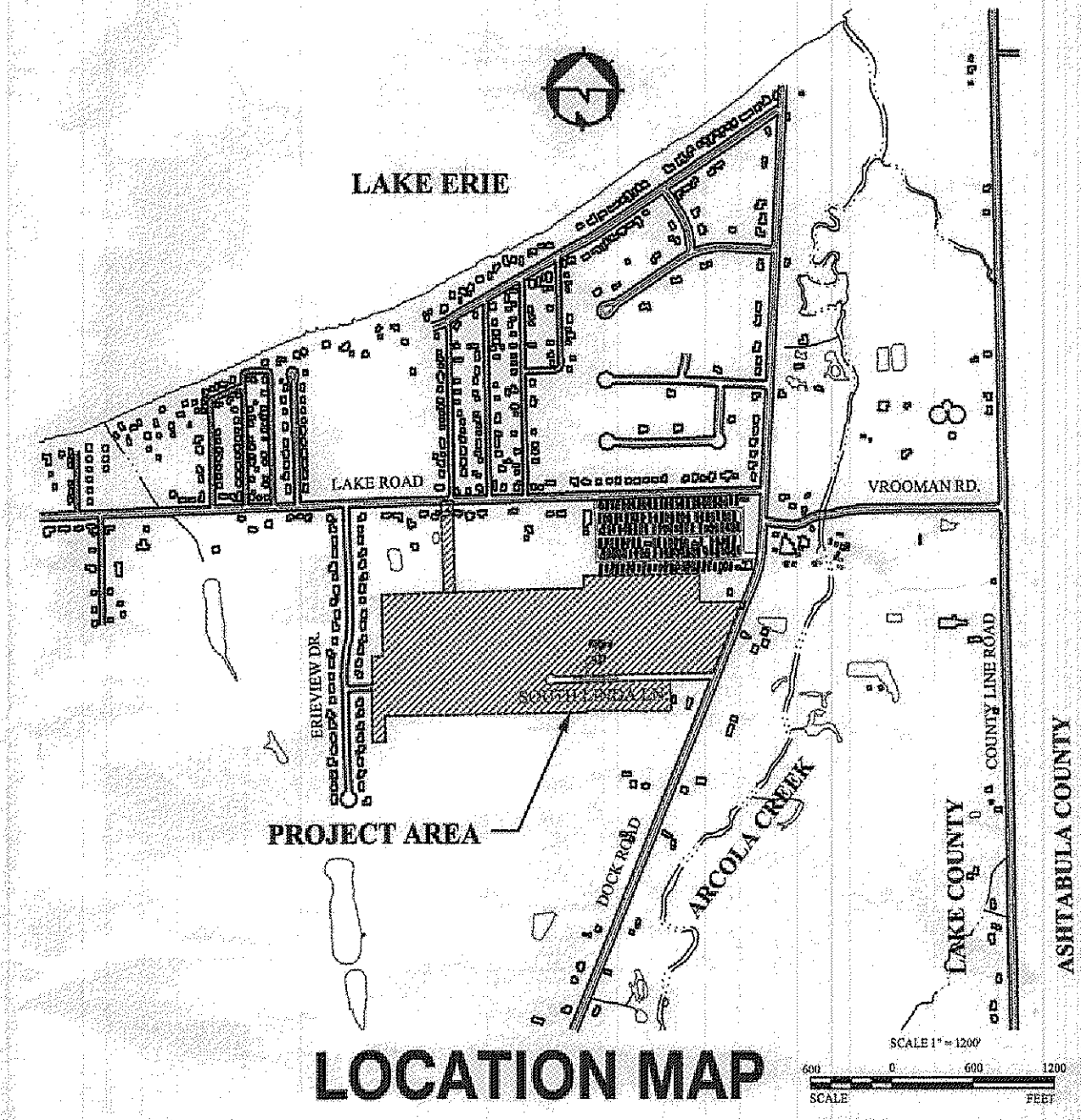
Effective Diameter

$D_{10} - 0.15 = 0.30 \text{ mm}$

Coefficient Of Uniformity

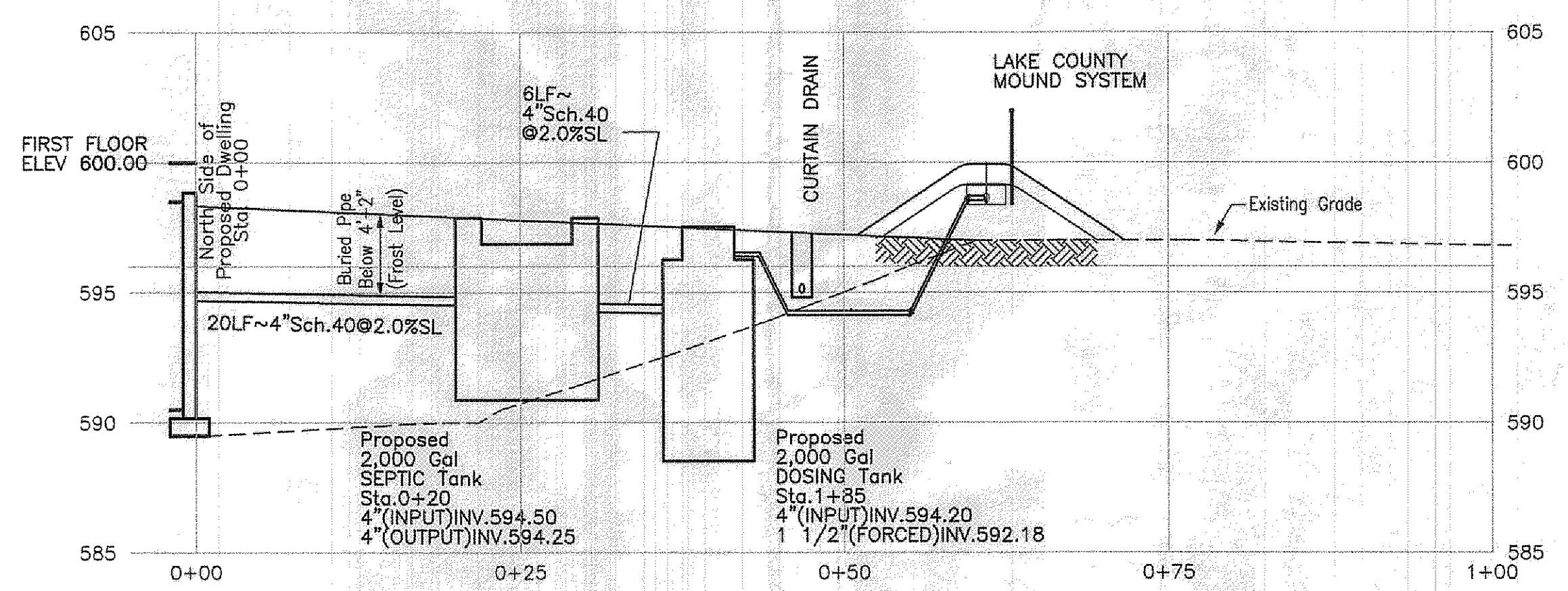
$D_{60} / D_{10} - 4 = 6$

The Total Sample Sieve Analysis Contains 20% or Less Material Larger Than 2.0 mm And Contains 5% Or Less Material Finer Than 0.053 mm Plus One Of Three Additional Specifications Listed Above. The Fraction Greater Than 2 mm Can Have Stones And Cobbles.

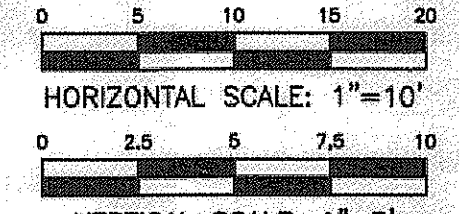


INSTALLER'S NOTE:

1. Per Owner Approval, Contractor May Substitute Dose Tank Depicted Here With An Alternate Approved Tank And Control System.
2. Installer Shall Contact Design Engineer 48 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.
3. 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 Tests Can Be Performed. The Start Up Shall Include Draw Down Test, Pump Cycling Tests And Mound Pressure Test. The Installer Shall Provide 5 Feet Long Clear Plastic Pipe That Can Be Inserted Into The Flush Valves. The Water Level Shall Be Checked In Each Tube And Shall Be Equal. In The Event That The Water Level Is Not Equal, Adjustments Shall Be Made In The Laterals, Valves And/Or Piping, So That, The Pressure The Laterals Is Equal Throughout.
4. 4" And 1 1/2" Diameters SCH.40 Pipes Shall Be Buried Below Frost Level (4'-2").



PROFILE

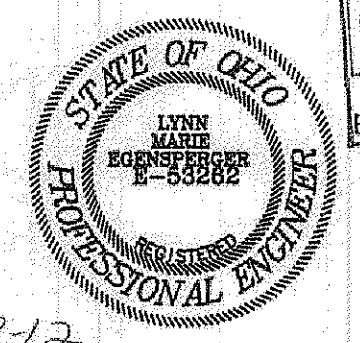


Stormwater Management Plan
Approved as shown and/or noted *
JAMES R. GILLS, P.E.
County Drainage Engineer
By *J.S.* Date 2/11/13

* SUBJECT TO ANY ORDERS OF THE COURT AS THIS IS CURRENTLY IN LITIGATION

LYNN M. EGENSEPGER
LYNN M. EGENSEPGER P.E. E-53262

12-28-12
DATE



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Phone: (419) 440-4100 Fax: (419) 440-4106
cogard@oxboweng.com

TED A. AND CINDY A. DENNISON
MADISON TOWNSHIP - LAKE COUNTY - OHIO

**SITE PLAN
NOTES AND
PROFILE**

C-1
SHEET
1 OF 3