

SITE PLAN PROVIDED BY:

DIMENSIONS SHOWN ARE HEREON EXPRESSED IN FEET AND DECIMAL PARTS THEREOF. MONUMENTS WERE FOUND OR SET AS INDICATED HEREON. BEARINGS SHOWN ARE TO AN ASSUMED MERIDIAN AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE RELATIVE ANGULAR VALUE BETWEEN LINES. ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE TOPOGRAPHY SHOWN HEREON, INDICATED BY ONE-FOOT CONTOURS AND ELEVATIONS, REPRESENTS THE ACTUAL OBSERVED SITE GRADES AS OF MARCH 2008. ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



HOWARD R. SELEE, REG. SURVEYOR #5471

DATE



NORTH

GRAPHIC SCALE



(IN FEET)
1 INCH = 30 FT.

FEBRUARY 28, 2008

SITE IMPROVEMENT PLAN

SITUATED IN THE TOWNSHIP OF CONCORD, COUNTY OF LAKE AND STATE OF OHIO AND KNOWN AS BEING SUBLT NO. 6 IN LEDGEWOOD CROSSING AT THE FALLS, OF PART OF LOT NO. 11, TRACT NO. 1 IN SAID TOWNSHIP.
FOR: PAYNE & PAYNE BUILDERS

NOTES:

- 1046.0 INDICATES EXISTING ELEVATION
- 1047.0 INDICATES PROPOSED GRADE
- 1048 INDICATES EXISTING CONTOUR LINE
- 1049 INDICATES PROPOSED CONTOUR LINE
- INDICATES DIRECTION OF SURFACE WATER AFTER FINISH GRADING.

CONTRACTOR TO VERIFY SANITARY AND STORM CONNECTION DEPTHS BEFORE BASEMENT EXCAVATION.

THIS PLAN FOR SITE PURPOSES ONLY, SEE FOUNDATION PLAN FOR HOUSE DETAILS.

IRON PIN SET OR FOUND.

SILT FENCE

BENCH MARK: TOP OF HYDRANT
OPPOSITE SUBLT NUMBER 78.
ELEVATION = 1048.16

CONSTRUCTION NOTES:

ALL CONSTRUCTION SHALL CONFORM TO THE LAKE COUNTY BOARD OF HEALTH AND THE OHIO DEPARTMENT OF HEALTH REGULATIONS.

ALL GRAVITY SEWER LINES SHALL BE 30" DIA. PVC U/V/FT. MIN. 1/4" MIN. SLOPE (2" AS SHOWN ON PLANS) AND SHALL CONFORM TO ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3202.

INSTALLER IS TO FIELD VERIFY GRADES AND CONSULT THE ENGINEER IN CASE OF DISCREPANCY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING, SHEETING AND SHORING FOR EXCAVATION.

TANKS SHALL BE FILLED WITH WATER IMMEDIATELY AFTER INSTALLATION TO PREVENT FLOATING.

EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE INSPECTION PORT, THE MINIMUM DIMENSION OF WHICH SHALL BE SIX (6) INCHES.

THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE BOX SHALL BE EIGHTEEN (18) INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

SURFACE WATER SHALL BE DIVERTED AWAY FROM THE DISPOSAL FIELD AREA BY THE USE OF SWALES. CURTAIN DRAINS SHALL BE INSTALLED AS INDICATED ON THE PLAN. EVAPORATION-TRANSPARATION TRENCHES SHALL BE COVERED WITH TOPSOIL, AND SEEDING. SURVEYING SHALL BE PLANTED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPARATION.

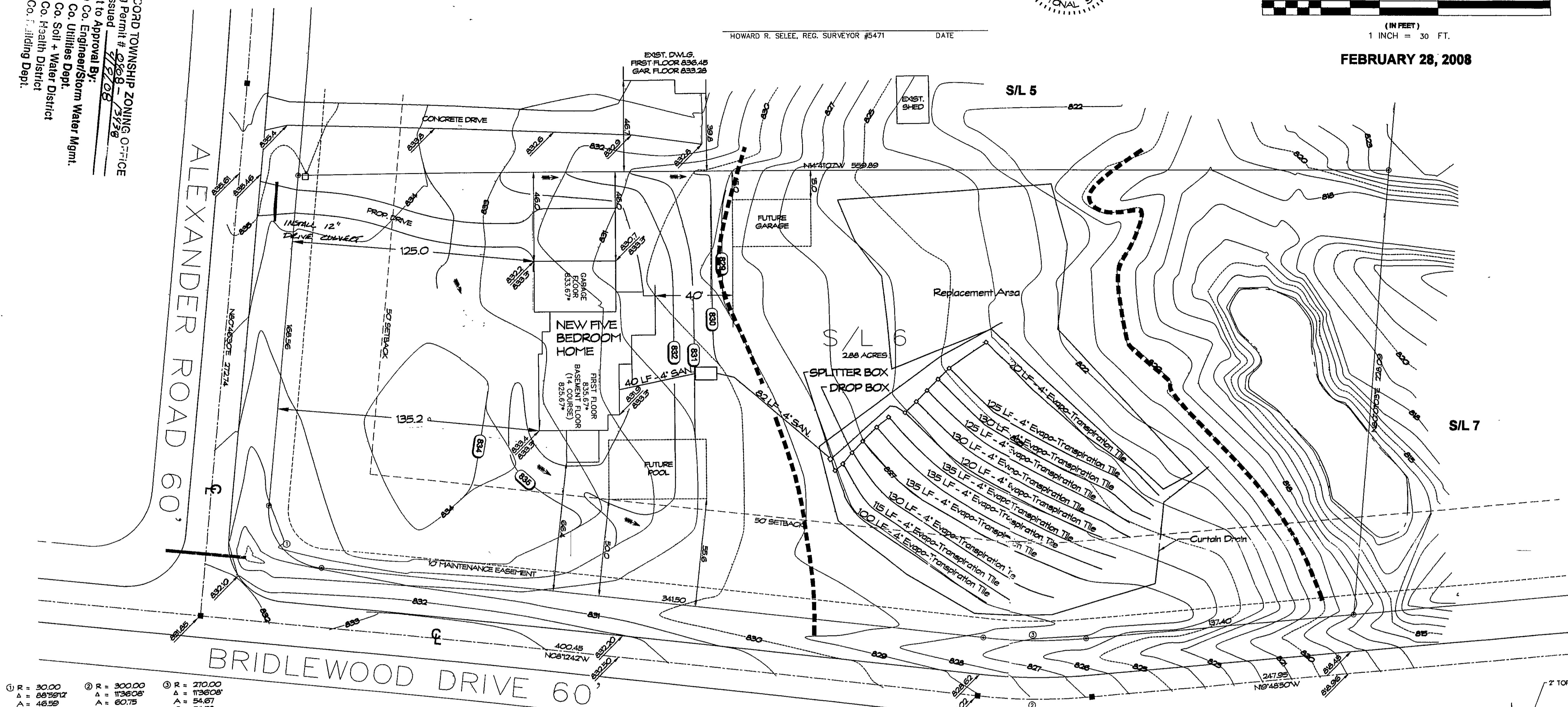
ROOF WATER, FOUNDATION DRAINAGE, GUTTER OVERFLOW, SURFACE DRAINAGE OR SURFACE DRAINAGE SHALL NOT BE DISCHARGED INTO A BUILDING SEWER OR INTO A HOUSEHOLD SEWAGE DISPOSAL SYSTEM.

ALL DISTURBED AREAS SHALL BE GRADED AND SEEDED UPON COMPLETION.

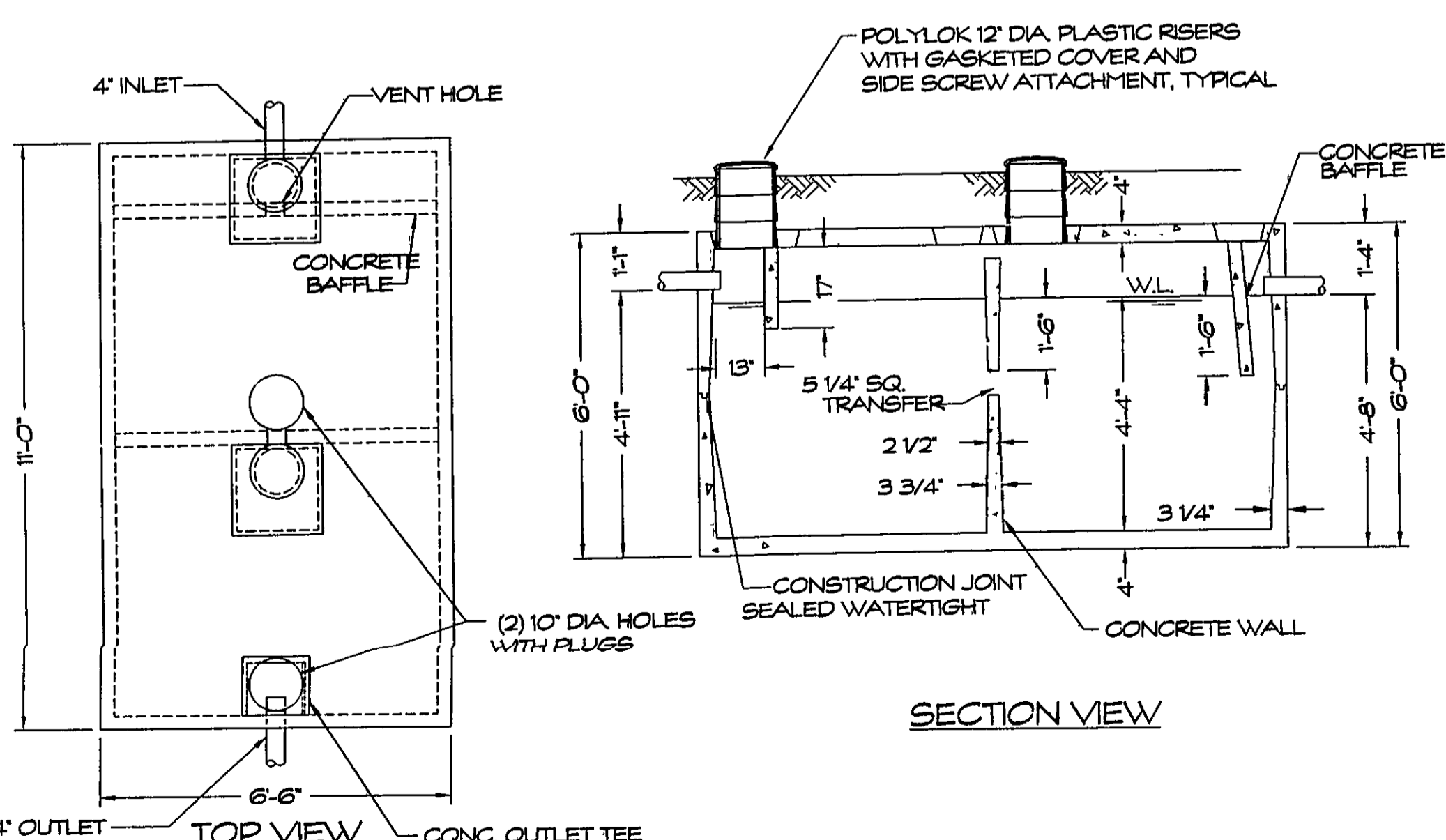
AREAS DESIGNATED FOR INSTALLATION AND REPLACEMENT SHALL BE UNDISTURBED AND BE PROTECTED FROM DAMAGE OR DISTURBANCE. ANY DAMAGE OR DISTURBANCE MAY RESULT IN THE INVALIDATION OF THE DESIGN PLAN. IF DISTURBANCE OR DAMAGE HAS OCCURRED, INSTALLATION SHALL NOT PROCEED AND THE REGISTERED INSTALLER SHALL CONTACT THE OWNER, THE DESIGNER, AND THE LAKE COUNTY BOARD OF HEALTH. INSTALLATION OF THE EVAPORATION-TRANSPARATION TRENCHES SHALL NOT PROCEED WHEN THERE IS A RISK OF SLIDING OR COLLAPSE.

INSTALLER SHALL CONTACT DESIGN ENGINEER 48 HOURS PRIOR TO START OF CONSTRUCTION. INSTALLER SHALL CONTACT DESIGN ENGINEER 48 HOURS PRIOR TO THE EVENT THAT ANY PORTION OF THE SYSTEM IS CHANGED DUE TO SITE CONDITIONS.

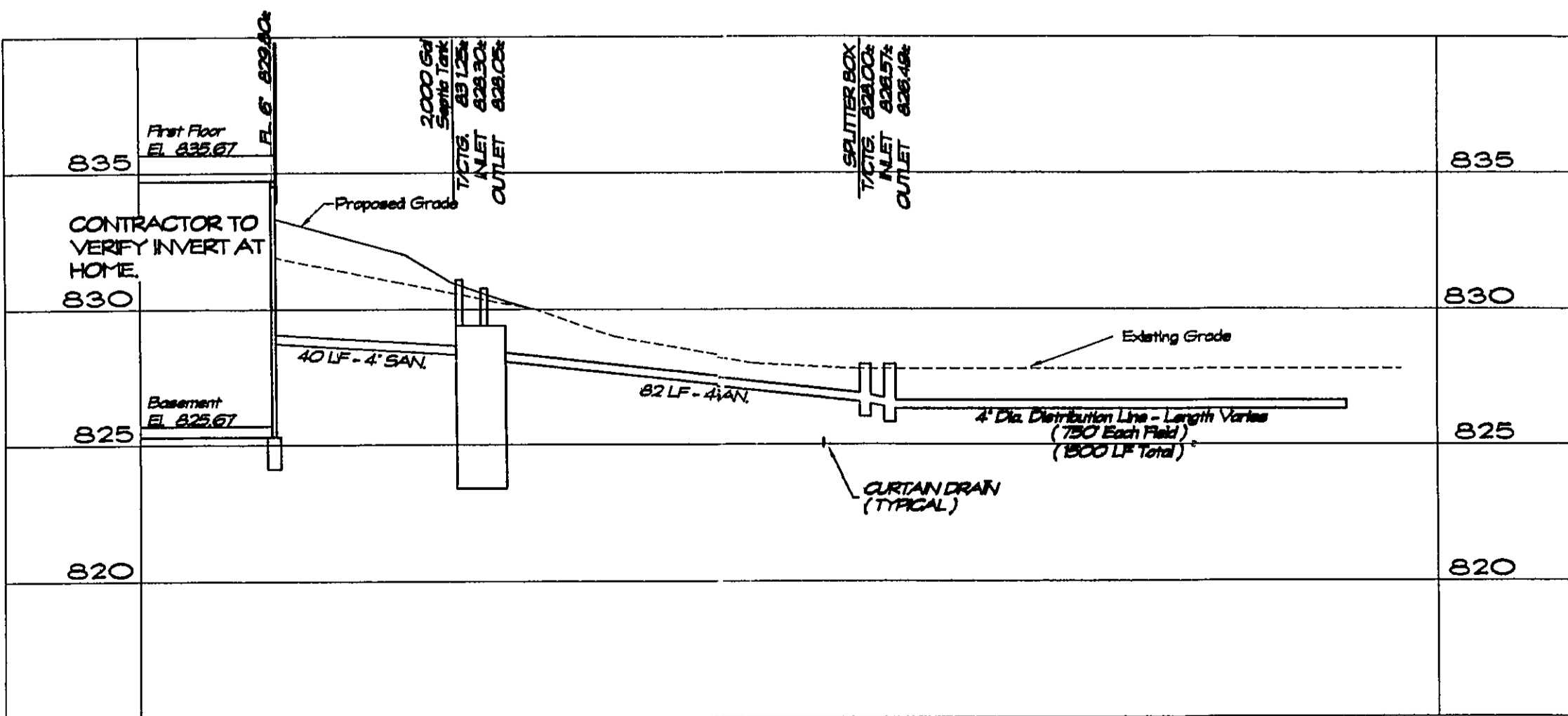
DESIGN ENGINEER SHALL APPROVE OF ANY CHANGES IN THE EVENT THAT CHANGES ARE MADE WITHOUT CONSULTATION WITH THE DESIGNER. THE INSTALLER SHALL BE FULLY RESPONSIBLE FOR THE SYSTEM.



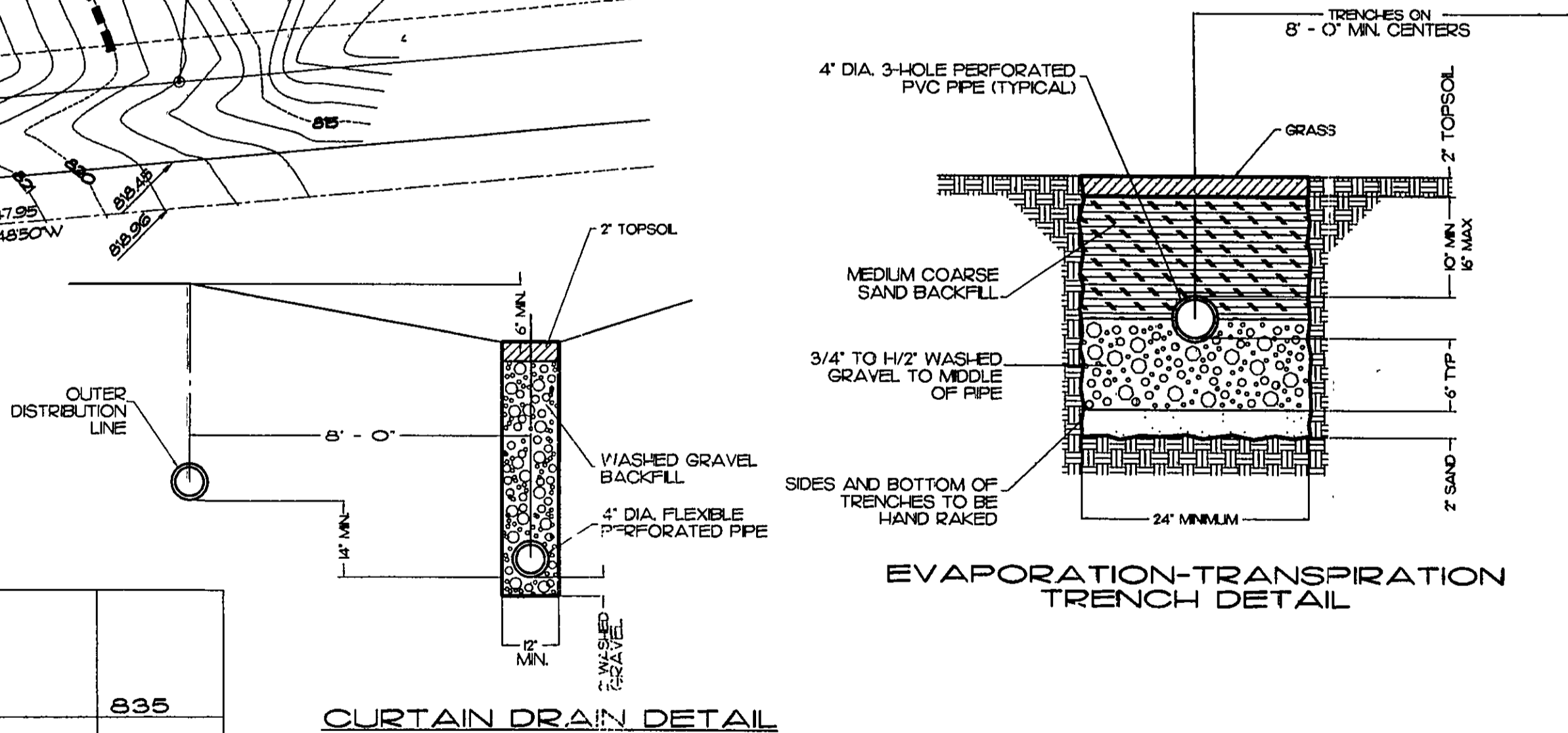
- ① R = 30.00
A = 68.997
C = 42.05
N36°16'54"E
- ② R = 300.00
A = 119°02'08"
C = 60.75
N4°00'46"W
- ③ R = 270.00
A = 119°02'08"
C = 54.67
N4°00'46"W



DUAL 2000 GALLON SEPTIC TANK



HYDRAULIC PROFILE
SCALE: HORIZ. 1" = 30', VERT. 1" = 5'



CURTAIN DRAIN DETAIL

KRB Engineering, Inc.
Professional Civil Engineering

330 Downing Drive
Chardon, Ohio 44024
Phone: (440) 286-7150
Email: kberndt@earthlink.net

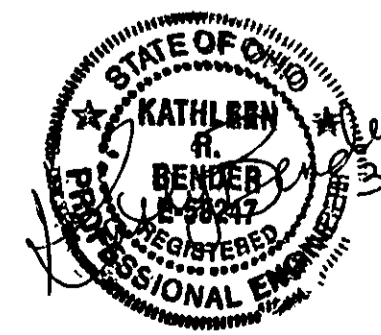
WASTEWATER TREATMENT PLAN & DETAILS

Payne & Payne Builders
Sublot 6, Alexander Road
Concord Twp., Lake Co.

March, 2008

HOWARD R. SELEE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
9701 BROOKPARK ROAD SUITE 231 CLEVELAND, OH 44129
(216) 396-0280 SCALE: 1" = 30' FILE NO. 08368-6

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By: L.S. Date: 3/10/08



REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
HEALTH DISTRICT
Date: 3/18/08 BY: D.O.

SEWAGE DISPOSAL PERMIT MUST BE OBTAINED BY A LAKE COUNTY LICENSED INSTALLER BEFORE INSTALLATION IS STARTED.