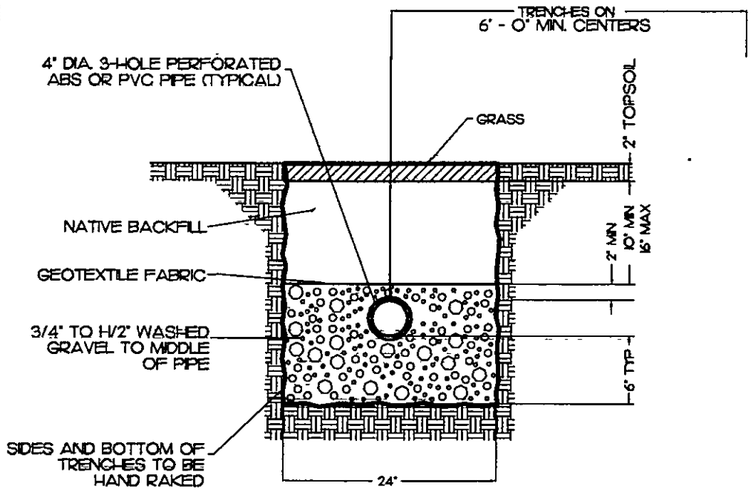
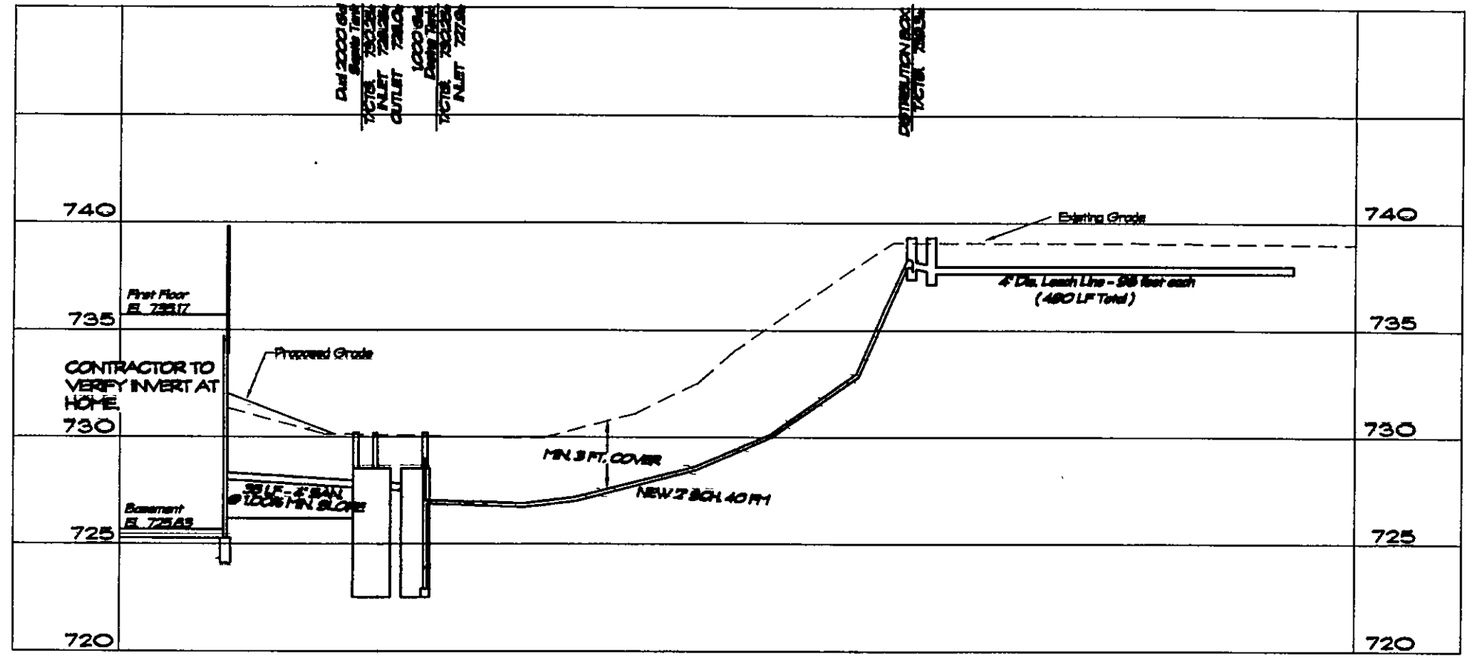


LEACHING TRENCH DETAIL



HYDRAULIC PROFILE

SCALE: HORIZ.: 1" = 40'

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 SCH. 40 PVC, 1/8"/FT. MIN, 1/4"/FT. MAXIMUM SLOPE (OR AS SHOWN ON PLANS) AND SHALL CONFORM TO ASTM D-3034 WITH JOINTS CONFORMING TO ASTM D-3212.

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".

ELECTRICAL WORK AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. ELECTRIC WORK TO BE INSPECTED AND APPROVED BY LOCAL BUILDING DEPARTMENT.

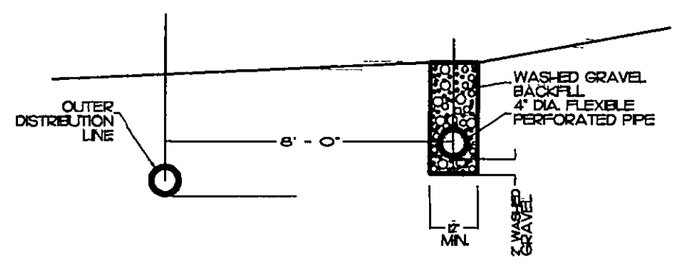
THE DISTRIBUTION BOX, SPLITTER BOX AND INSPECTION PORTS SHALL BE BROUGHT TO GRADE AND SHALL BE PROVIDED WITH SECURED COVERS. THE MINIMUM INSIDE DIMENSION OF THE DISTRIBUTION BOX SHALL BE EIGHTEEN (18") INCHES IN WIDTH. THE BOX SHALL BE OF SUFFICIENT DEPTH TO PREVENT OVERFLOWING WHEN SURGED.

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-TRANSPIRATION TRENCHES SHALL BE COVERED WITH TOPSOIL AND SEEDED. SHRUBBERY SHALL BE PLANTED IN THE AREA OF THE FIELD IN A FASHION TO BEST ASSIST IN TRANSPIRATION.

ROOF WATER, FOUNDATION DRAINAGE, CISTERN OVERFLOW, SURFACE DRAINAGE OR SUBSURFACE 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.



INTERCEPTOR DRAIN DETAIL

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 OCCURED, 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 - TRANSPIRATION TRENCHES SHALL NOT PROCEED WHEN THERE IS A RISK OF SMEARING OR COMPACTION.

INSTALLER SHALL CONTACT DESIGN ENGINEER & LCHD A MIN. OF 72 HOURS PRIOR TO START OF CONSTRUCTION. INSTALLER SHALL CONTACT DESIGN ENGINEER & LCHD 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.

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WASTEWATER TREATMENT DETAILS

Payne & Payne Builders
Sublot 28, Pine Valley Drive
Willoughby Hills, Lake Co.

March, 2008