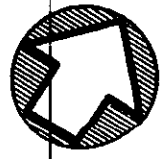


SITE IMPROVEMENT PLAN
SUBLOT NO. 21 IN ROCKING HORSE FARMS SUBDIVISION NO. 1,
OF PART OF ORIGINAL KIRTLAND TOWNSHIP LOTS 79, 80, 93
AND 94, IN TRACT NO. 3 AS SHOWN BY THE RECORDED PLAT IN
VOL. 31, PAGE 17 OF LAKE COUNTY MAP RECORDS, NOW IN THE
CITY OF KIRTLAND, COUNTY OF LAKE AND STATE OF OHIO.

FOR: PAYNE & PAYNE BUILDERS, INC.



NORTH

GRAPHIC SCALE

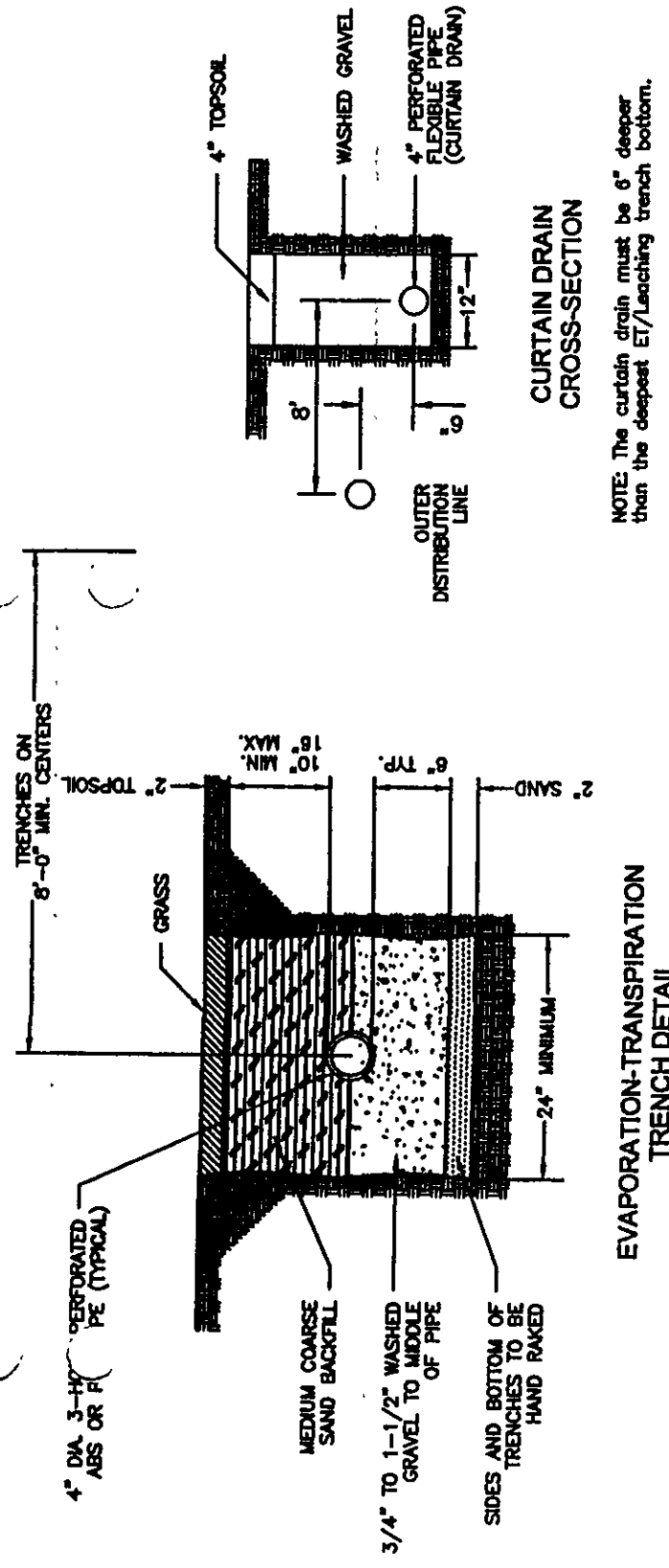


1 INCH = 20 FT.

NOVEMBER 3, 2003

REVISED HOUSE LOCATION:

NOVEMBER 5, 2003



NOTES:

- 1084.4 INDICATES EXISTING ELEVATION
- 1085.3\"/>
- 1084 --- INDICATES EXISTING CONTOUR LINE
- 1085 --- INDICATES PROPOSED CONTOUR LINE
- 1085 --- INDICATES DIRECTION OF SURFACE WATER AFTER FINISH GRADING.

BENCH MARK: TOP OF HYDRANT
OPPOSITE OF SUBLOT NUMBER 21.
ELEVATION = 1090.23

CONTRACTOR TO VERIFY STORM
CONNECTION DEPTH AND LOCATION
BEFORE BASEMENT EXCAVATION.

- IRON PIN SET OR FOUND.
- x—x—x— SILT FENCE
- FOOTER DRAIN TO BE SUMPED.

AS-BUILT GRADE CERTIFICATION

ALL FIELD OBSERVATIONS OF ELEVATIONS HAVE BEEN MADE
UNDER MY SUPERVISION OF THE AS-BUILT CONDITIONS OBSERVED. I FURTHER CERTIFY
THAT BOUNDARY MONUMENTS HAVE BEEN PLACED AT EACH CORNER OF THE PROPERTY
AND THAT THE SAME CONFORM WITH CURRENT MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN
THE STATE OF OHIO.

HOWARD R. SELEE, OHIO SURVEYOR #6471

CONSTRUCTION NOTES:

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

DRAINAGE IMPROVEMENTS OR CHANGES FROM EXISTING GRADE NOTED ON THE APPROVED
PLAN SHALL BE INSTALLED PRIOR TO SEWAGE DISPOSAL SYSTEM CONSTRUCTION.

RESIDENCE MUST UTILIZE WATER SAVING TOILETS, SHOWER HEADS, AND FAUCETS.

NO OPEN BURNING WILL OCCUR DURING CONSTRUCTION.

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.

A HOUSEHOLD SEWAGE DISPOSAL SYSTEM

AERATION-TYPE TREATMENT SYSTEM SHALL CONFORM TO SECTION 640 OF THE LAKE
COUNTY BOARD OF HEALTH REGULATIONS.

SEWAGE LIFT PUMP SHALL BE CAPABLE OF LIFTING RESIDENTIAL SEWAGE EFFLUENT AT
A RATE OF 70 GPM AT 10.0 FEET OF HEAD.

IF A SEPARATE PUMPING CHAMBER IS UTILIZED, THE CHAMBER SHALL HAVE A MINIMUM
WORKING VOLUME OF 250 GALLONS. THE FLOAT LEVEL SHALL BE ADJUSTED TO PROVIDE
FOR A 150 GALLON DOWSING VOLUME TO THE DISPOSAL FIELD.

ELECTRICAL WORK AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITION OF THE
NATIONAL ELECTRICAL CODE.

MECHANICAL COMPONENTS SHALL BE INSTALLED IN A PROPERLY VENTED LOCATION AND
SHALL BE PROTECTED FROM EXHAUST FANS, EXHAUST FANS, EXHAUST FANS, EXHAUST FANS,
WATER VAPOR ACCUMULATIONS. INSTALLATION SHALL BE MADE TO MINIMIZE RELEASE
OF ODORS AND AEROSOLS.

MECHANICAL COMPONENTS INSTALLED IN OR AT THE SEWAGE TANK SHALL BE PROTECTED
AGAINST DAMAGE OR IMPAIRMENT OF EFFICIENCY BY FLOODING, FLOODING, FLOODING,
PUMPS MUST BE READILY REMOVABLE FROM THE MANHOLE IN CASE OF PUMP FAILURE.

CONTROL AND ALARM CIRCUITS FOR LOCATION SYSTEM AND LIFT PUMP SHALL BE WIRED
TO A COMMON ANNUNCIATOR TO BE LOCATED IN THE BASEMENT OR GARAGE OF THE
RESIDENCE.

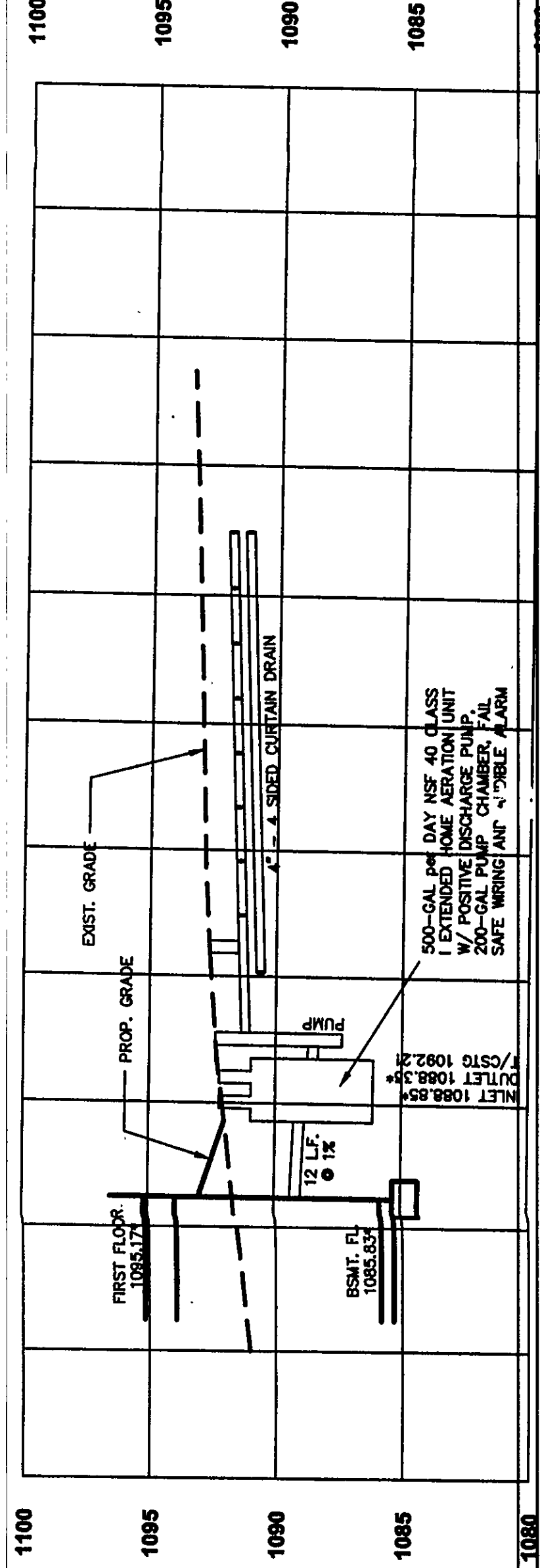
EACH SECTION OF THE LEACHING LINE SHALL BE PROVIDED WITH NOT LESS THAN ONE
INSPECTION PORT. THE MINIMUM DIMENSION OF WHICH SHALL BE FOUR (4) INCHES
IN WIDTH.

THE DRY PIT, LIFT BOX, OR INSPECTION PORT SHALL BE GRADED 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 DRAIN SHALL BE DIVERGED AWAY FROM THE DISPOSAL FIELD BY THE
SWALES. DRAIN DRAINAGE SHALL BE INSTALLED AS INDICATED ON THE PLAN.

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

IF DWELLING IS COMPLETED PRIOR TO THE COMPLETION OF THE PROPOSED WATER MAINS
DWELLING, UPON COMPLETION OF THE PROPOSED WATER MAIN, DWELLING SHALL BE
CONNECTED TO THE MAIN AS INDICATED HEREON. WATER CONNECTION SHALL BE IN
ACCORDANCE WITH THE REQUIREMENTS OF THE OHIO WATER SERVICE CO.



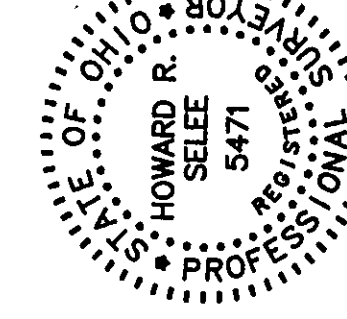
HYDRAULIC PROFILE

(HORIZ. SCALE: 1\"/>

BOUNDARY SURVEY CERTIFICATION:
I HEREBY CERTIFY THAT AT THE REQUEST OF PAYNE AND PAYNE BUILDERS, I HAVE SURVEYED AND
PLACED MONUMENTS AT THE CORNERS OF THE 1.2114 ACRES OF LAND.
MONUMENTS WERE FOUND OR SET AS INDICATED HEREON. DIMENSIONS AND BEARINGS
EXPRESSED IN FEET AND DECIMAL PARTS THEREOF, BEARINGS SHOWN ARE TO AN ASSUMED MERIDIAN
AND ARE FOR THE SOLE PURPOSE OF DESCRIBING THE RELATIVE ANGULAR VALUE BETWEEN LINES.
THE ACTUAL CORNER POSITIONS ARE INDICATED BY ONE (1) FOOT CONTOURS AND ELEVATIONS.
REPRESENTS THE ACTUAL CORNER POSITIONS AS OF NOVEMBER 27, 2003. ALL OF WHICH I CERTIFY TO
BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Howard R. Selee
HOWARD R. SELEE, CHOCORUM #6471

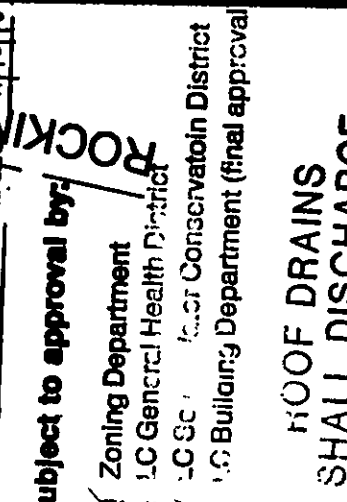
REVIEWED AND ACCEPTED
LAKE COUNTY GENERAL
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LAKE COUNTY GENERAL
HEALTH DISTRICT

HOWARD R. SELEE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
9701 BROOKHAR ROAD • SUITE 217 • CLEVELAND, OH 44130
(216) 398-0280 SCALE: 1\"/>