

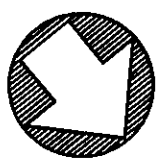
SITE IMPROVEMENT PLAN

FOR SUBLT NO. 55 IN LITTLE MOUNTAIN COUNTRY CLUB SUBDIVISION OF PART OF ORIGINAL LOT NO. 12, 13, 17, 18, 23 AND 24, TRACT NO. 3 AND 4 AS RECORDED IN VOL. 39, PAGE 13 OF LAKE COUNTY MAP RECORDS. NOW IN THE TOWNSHIP OF CONCORD, COUNTY OF LAKE AND STATE OF OHIO.

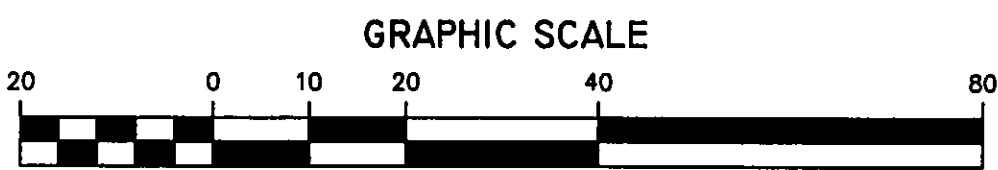
FOR: FINOMORE & ONARATO CUSTOM BUILDERS

Grading Plan Approved
as shown and/or noted
JAMES R. GILLS, P.E.
Lake County Engineer

- By TAM Date 3-1-01
1. ROOF DRAINS SHALL DISCHARGE onto splash blocks
 2. YARD DRAIN AND 8" STORM TO BE installed by SUBDIVISION DEVELOPER



NORTH

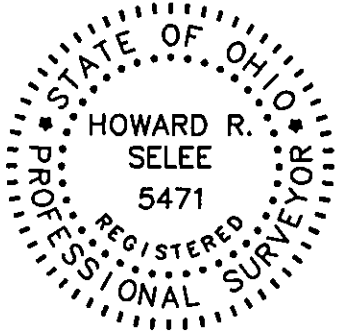


FEBRUARY 20, 2001

CERTIFICATION

I DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PREMISES AND PREPARED THIS PLAN IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 4733-37 OF THE OHIO ADMINISTRATIVE CODE. DIMENSIONS SHOWN ARE 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. ALL OF WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Howard R. Selee
HOWARD R. SELEE, REGISTERED SURVEYOR #5471



NOTES:

- 949.0 INDICATES EXISTING ELEVATION
950.0" INDICATES PROPOSED GRADE
--- 951 --- INDICATES EXISTING CONTOUR LINE
--- 952 --- INDICATES PROPOSED CONTOUR LINE
--- INDICATES DIRECTION OF SURFACE WATER AFTER FINISH GRADING.

BENCH MARK: TOP OF HYDRANT
IN FRONT OF SUBLT NO. 54.
ELEVATION = 940.95

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

⊙ IRON PIN SET OR FOUND.

- | | |
|---------------|--------------|
| ① R = 770.00 | ② R = 800.00 |
| Δ = 13°25'28" | Δ = 74°6'03" |
| A = 180.41 | A = 1046.281 |
| C = 180.00 | C = 973.29 |
| S50°41'37"E | S50°41'02"E |

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.

AERATION-TYPE TREATMENT SYSTEM SHALL CONFORM TO SECTION 840 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 LEVELS SHALL BE ADJUSTED TO PROVIDE FOR A 150 GALLON DOSING 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 ALL VENTS, AIR INTAKES AND AIR HOSES SHALL BE PROTECTED FROM SNOW, ICE OR 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, FOAMING, OR SURCHARGING. PUMPS MUST BE READILY REMOVABLE FROM THE MANHOLE IN CASE OF PUMP FAILURE.

CONTROL AND ALARM CIRCUITS FOR AERATION 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 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 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.

IF DWELLING IS COMPLETED PRIOR TO THE COMPLETION OF THE PROPOSED WATER MAINS, A TEMPORARY WELL SHALL BE INSTALLED TO PROVIDE DOMESTIC WATER SUPPLY FOR THE 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.

AS-BUILT GRADE CERTIFICATION

I HEREBY CERTIFY THAT ACTUAL FIELD OBSERVATIONS OF ELEVATIONS HAVE BEEN MADE UNDER MY SUPERVISION ON AND THAT THE GRADES SHOWN ACCURATELY DEPICT THE AS-BUILT CONDITIONS OBSERVED. I FURTHER CERTIFY THAT BOUNDARY MONUMENTS HAVE BEEN PLACED AT EACH CORNER OF THE PROPERTY IN ACCORDANCE WITH CURRENT MINIMUM STANDARDS FOR BOUNDARY SURVEYS IN THE STATE OF OHIO.

HOWARD R. SELEE, OHIO SURVEYOR #5471

BOUNDARY SURVEY CERTIFICATION:

THIS IS TO CERTIFY THAT AT THE REQUEST OF FINOMORE & ONARATO CUSTOM BUILDERS, INC. I HAVE SURVEYED AND PLATTED THE PARCEL OF LAND SHOWN HEREON AND CONTAINING 1.0788 ACRES OF LAND. MONUMENTS WERE FOUND OR SET AS INDICATED HEREON. DIMENSIONS SHOWN HEREON ARE 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. TOPOGRAPHY SHOWN HEREON, INDICATED BY ONE (1) FOOT CONTOURS AND ELEVATIONS, REPRESENTS THE ACTUAL OBSERVED SITE GRADES OF FEBRUARY 9, 2001. ALL WHICH I CERTIFY TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

HOWARD R. SELEE, OHIO SURVEYOR #5471

HOWARD R. SELEE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
9701 BROOKPARK ROAD * SUITE 231 * CLEVELAND, OH 44129
(216) 398-0280 SCALE: 1" = 20' FILE NO. 01456-55

