

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

Driftwood Properties Limited  
Doc. #200136586  
PPN: BA-04-04

# SITE PLAN

For : **Mario Manocchio** CLIENT  
5581 Hillcrest Road STREET Mentor CITY  
19 Noble Ridge Subd. No.1 SUBLOT No. SUBDIVISION NAME VOL. PAGE  
Concord Twp. CITY/TOWNSHIP OHIO

Prepared By:  
**LAND DESIGN consultants**  
Civil Engineers and Surveyors  
8585 EAST AVENUE MENTOR OHIO 44060  
TELEPHONE 255-8463 354-6838 851-LAND

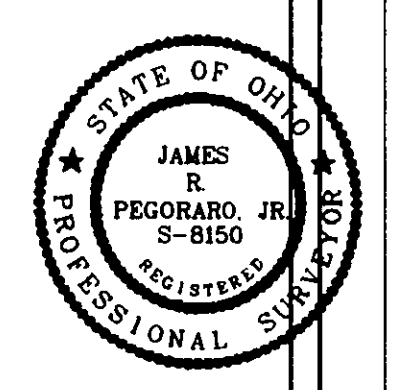
## DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*James R. Gills* 10-17-03  
NAME

## CHECK LIST

LOT DIMENSIONS & BEARINGS  
TO NEAREST STREET  
SURROUNDING OWNERS  
SETBACKS, SEVERAL, REAR YARD  
TYPED GRADES  
DRAINAGE TYPE, WIDTH, THICKNESS  
CURB, SIDEWALK, DRIVE, DRIVE LOC.  
WATER MAIN SIZE, LOCATION  
SAN. MAIN SIZE, LOCATION  
SAN. MAN. CAST. ELEV., INV. ELEV.  
STORM SEWER, SIZE, GRADE, LOC.  
STORM MAN. CAST. ELEV., INV. ELEV.  
PAVING, DRIVE, DRIVE LOC.  
SEPTIC SYSTEM & DUPPLICATION  
WELL LOCATION & ISOLATION RADII



## "AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

## LEGEND

STORM MANHOLE  
SANITARY MANHOLE  
EXISTING CONTOURS  
PROPOSED CONTOURS  
EXST. ELEV. 100.0  
F&I 100.0 = PROP. ELEV.

DRAWN BY	SCALE
S: JRP/Site	1"=20'
CHK'D BY/FIELD	DATE
Rat	Oct, 2003
1 Site & Grade	10/17/03
2	

## BENCHMARK:

TBM: RIM OF SANITARY MANHOLE AS SHOWN  
ELEVATION = 937.13

**Stormwater Management Plan**  
Approved as shown and/or noted  
**JAMES R. GILLS, P.E.**  
County Drainage Engineer

By *G.H.* Date 10/20/03  
Contract designed for 10 year SGM

NOTE THE CONTRACTOR/BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF THE BASEMENT

-Contractor To Verify Depth And Location Of Utility Connections;  
-See Architect Plans For Complete House Dimensions.

NOTES: DRIVE APRON AND SIDEWALK @ APRON TO BE 6" THICK CONCRETE;

-4" CONC. WALK TO BE 4" THICK  
-DOWNSPOUTS TO BE OUTLETTED TO SPLASHBLOCKS

Contractor to Verify Depth of Sanitary Connection

DWG. NAME  
**Manom1-0301**

Jamie Drive 60'

EXISTING UNDERGROUND UTILITIES NOTE:  
THE SIZE & LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 6TH DAY OF October, 2003, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6" 1" OR 2" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 6TH DAY OF October, 2003, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

*James R. Gills* P.E. 8150

R/W (Curve-1)  
R=1446.20'  
L=120.04'  
C=120.01'  
N 24°35'20" W  
Del.=04°45'21"

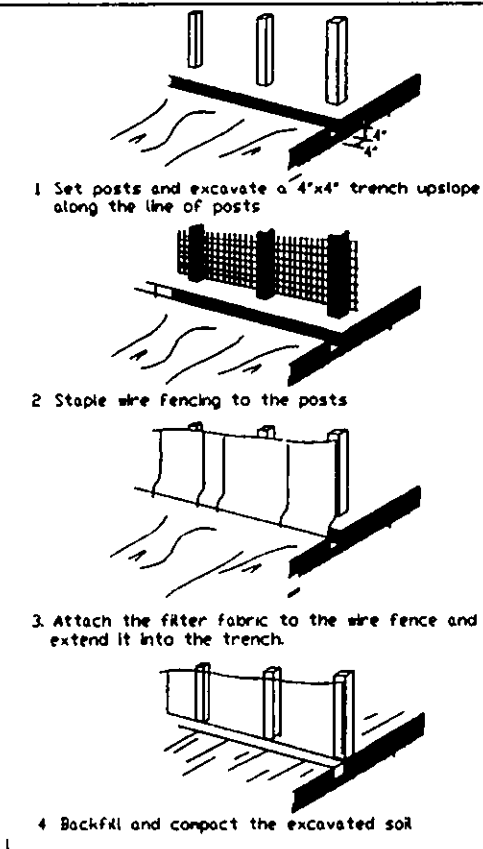
- SILT FENCE. This sediment barrier utilizes standard strength extra strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flow are expected. See diagram.
- The height of a silt fence shall not exceed 36 inches (half fences may impound volumes of water sufficient to cause failure of the structure).
- The filter fabric shall be purchased in a continuous roll out to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed.
- Posts shall be spaced a maximum of 10 feet apart at interior locations and driven securely into the ground (minimum of 12 inches) when extra strength fabric is used without the wire support fence. Post spacing shall not exceed 5 feet.
- A trench shall be excavated approximately 4 inches wide x 4 inches deep along the line of posts and upspilled from the barrier.
- When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the posts using heavy duty wire stakes at least 1 inch long, tie wires of hog rings. The wire shall extend into the trench a minimum of 12 inches and shall not extend more than 36 inches above the original ground surface.
- The standard strength filter fabric shall be stapled or nailed to the fence, and 8 inches of the fabric shall be extended into the trench. The fabric shall not be stapled to the existing trees.
- When extra strength filter fabric and closer post spacing is used, the wire mesh support fence may be eliminated in such case, the filter fabric is stapled or wired directly to the posts with all other provisions of item No. 6.
- The trench shall be backfilled and soil compacted over the filter fabric.
- Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

### MAINTENANCE

- Silt fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- Should the fabric on a silt fence of filter barrier decompose or become ineffective prior to the end of the expected useful life and the barrier is still necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier.
- Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, grade and seeded.

### SILT FENCE

NO SCALE



Extension of fabric and wire into the trench.

### EROSION CONTROL PLAN & SCHEDULE

SILT FENCE TO BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITY, IN LOCATION SHOWN ON PLANS, PER DETAIL.

STONE SHALL BE INSTALLED IN FUTURE DRIVEWAY AREA 24 FEET WIDE AND 50 FEET LONG TO PREVENT VEHICLES FROM TRACKING SEDIMENT OFF THIS SITE. IMPRESS AND LOGGING TO BE LIMITED TO THIS AREA ONLY.

SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT ALL PHASES OF EARTHWORK ACTIVITY. SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE DISTURBED AREA IS PERMANENTLY RESTABILIZED.

DISTURBED AREAS SHALL HAVE SOIL STABILIZATION WITHIN NO MORE THAN SEVEN (7) DAYS IF THEY ARE TO REMAIN DORMANT UNDISTURBED FOR MORE THAN THIRTY-FIVE (35) DAYS. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN NO MORE THAN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN NO MORE THAN SEVEN (7) DAYS TO DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR LONGER THAN THIRTY-FIVE (35) DAYS.

STABILIZATION OF CRITICAL AREAS WITHIN 50 FEET OF ANY STREAM OR WETLAND SHALL BE TEMPORARILY STABILIZED WITHIN TWO (2) DAYS OF DISTURBANCE IF AREA WILL REMAIN INACTIVE FOR FOURTEEN (14) DAYS OR LONGER. CONSTRUCTION VEHICLES SHALL AVOID STREAMS AND THEIR BUFFER AREAS. IF ANY ACTIVE DRAINAGE WAY MUST BE CROSSED BY CONSTRUCTION VEHICLES REPEATEDLY DURING CONSTRUCTION, AN APPROVED TEMPORARY STREAM CROSSING SHALL BE CONSTRUCTED.

SOIL STOCKPILES SHALL BE STABILIZED OR PROTECTED TO PREVENT SOIL LOSS. STABILIZATION SHALL BE REQUIRED IF STOCKPILES ARE LOCATED WITHIN CRITICAL AREAS NEAR STREAM OR WETLANDS, OR IF DETERMINED BY THE ADMINISTRATOR THAT SEDIMENT FROM STOCKPILES WILL LEAVE THE SITE.

SEDIMENT AND EROSION CONTROLS SHALL BE INSPECTED BY THE OWNER OR HIS/HER AGENT EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. A WRITTEN LOG OF THESE INSPECTIONS AND IMPROVEMENTS TO CONTROLS SHALL BE KEPT ON SITE. THESE INSPECTIONS SHALL INCLUDE THE DATE OF INSPECTION, NAME OF INSPECTOR, WEATHER CONDITIONS, THE ACTIONS TAKEN TO CORRECT ANY PROBLEMS AND THE DATE ACTIONS WERE TAKEN.

MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS WHERE SOIL IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE. THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY. SOIL SHALL BE REMOVED FROM PAVED SURFACES BY SHOVELING OR SWEEPING. STREET WASHING SHALL BE ALLOWED ONLY AFTER MOST SEDIMENT HAS BEEN REMOVED BY SHOVELING OR SWEEPING.

THE ABOVE SPECIFIED EROSION CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS. NOR SHALL THE STANDARDS LIMIT THE RIGHT OF THE COUNTY TO WAIVE, IN WRITING, INDIVIDUAL REQUIREMENTS.

PERMANENT SEEDING TO BE INSTALLED AFTER ALL CONSTRUCTION ACTIVITY IS COMPLETE.

### SEEDING AND MULCHING NOTES

SEDIMENT CONTROL SHALL BE ACCOMPLISHED BY SEEDING AND MULCHING IMMEDIATELY UPON COMPLETION OF EXCAVATION OF FILL AND FINISHED GRADING IN ACCORDANCE WITH ITEM NO. 659 GDOT CONSTRUCTION AND MATERIAL SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING MIXTURE SHALL BE USED FOR SEEDING IN ACCORDANCE WITH GDOT ITEM 659

KENTUCKY BLUE GRASS - 40%  
CREEPING RED FESCUE - 40%  
PERENNIAL RYEGRASS - 20%  
FERTILIZER - 20#/1000 S.F. (12-12-12)  
MULCH - STRAW/ 3 TONS/ ACRE

Ex. Son. MH  
Rim: 958.54  
Inv: 945.49

10/30/03