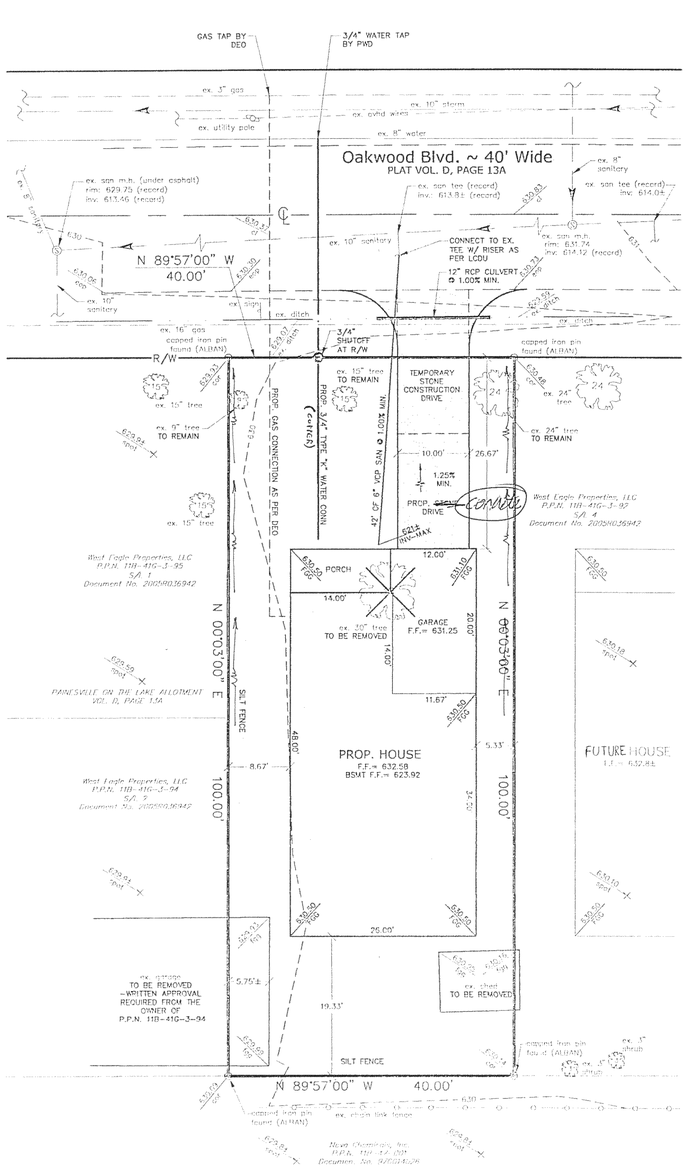
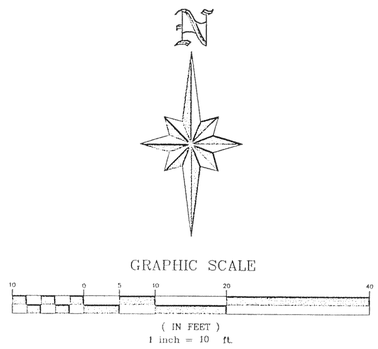
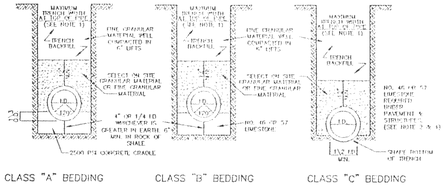


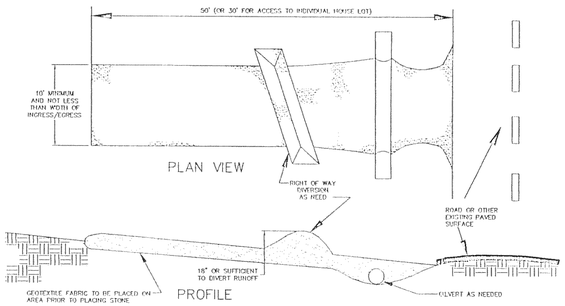




TRENCH & BEDDING DETAILS

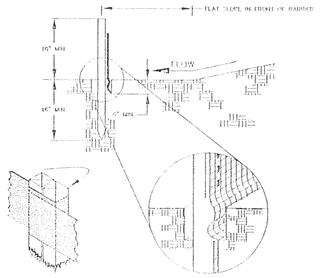
NTS

1. MAXIMUM TRENCH AT TOP OF PIPE SHALL BE O.D. + 24" FOR ALL PIPE SIZES UP TO AND INCLUDING 24" I.D. AND O.D. +30" FOR PIPE LARGER THAN 24" I.D.
2. PIPE BACKFILL UNDER PAVEMENT AND STRUCTURES SHALL BE NO. 46 OR NO. 57 LIMESTONE COMPACTED TO TOP OF TRENCH. THE BACKFILL MATERIAL SHALL EXTEND A MINIMUM OF 3 FEET BEYOND EACH EDGE OF PAVEMENT OF STRUCTURE. IN AREAS OUTSIDE OF PAVEMENT, SELECT ON SITE GRANULAR MATERIAL APPROVED BY THE LAKE COUNTY SANITARY ENGINEER MAY BE USED IN LIFTS NOT TO EXCEED 6" FOR PIPE BACKFILL ABOVE BEDDING.
3. ALL BEDDING SHALL BE CLASS "B" UNLESS OTHERWISE NOTED ON THE PLANS OR AUTHORIZED BY THE ENGINEER.
4. SLAG BEDDING SHALL NOT BE USED.
5. WATERLINE BEDDING SHALL BE CLASS "C"
6. CLAY DAMS SHALL BE REQUIRED WHEN AND WHERE NECESSARY PER THE SOLE DISCRETION OF THE E.O.D.
7. THESE SPECIFICATIONS ARE TO BE CONSIDERED MINIMUM REQUIREMENTS AND ARE SUPERSEDED BY THE REQUIREMENTS OF THE LOCAL AUTHORITY WITH JURISDICTION OVER THE CONTRACT, WHEN APPLICABLE.



TEMPORARY STONE CONSTRUCTION ENTRANCE DETAIL

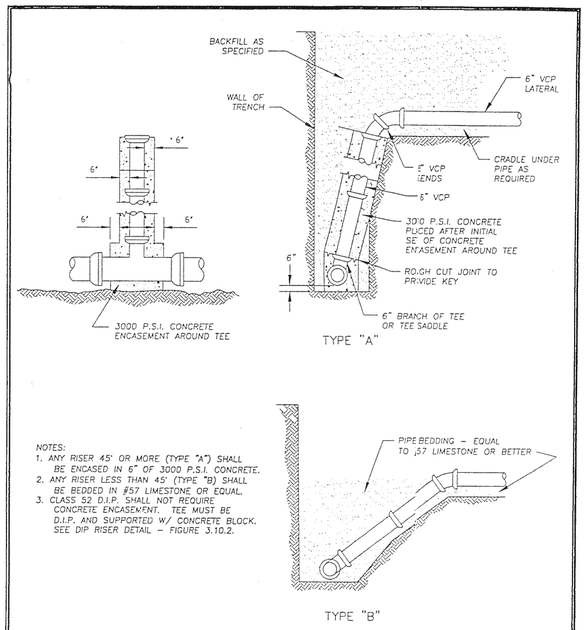
NTS



SILT FENCE DETAIL

NTS

MAXIMUM DRAINAGE AREA (AS SHOWN ON PLAN) FEET OF SILT FENCE	RANGE OF SLOPE FOR A MAXIMUM DRAINAGE AREA (IN PERCENT)
100	0% - 50%
75	50.01% - 70%
50	70.01% - 84%
25	84.01% - 100%



NOTES:
1. ANY RISER 45' OR MORE (TYPE "A") SHALL BE ENCASED IN 6" OF 3000 P.S.I. CONCRETE.
2. ANY RISER LESS THAN 45' (TYPE "B) SHALL BE BEDDED IN #57 LIMESTONE OR EQUAL.
3. CLASS 52 D.I.P. SHALL NOT REQUIRE CONCRETE ENCASEMENT. TEE MUST BE D.I.P. AND SUPPORTED W/ CONCRETE BLOCK. SEE DIP RISER DETAIL - FIGURE 3.10.2.

FIG 3.10.1

LAKE COUNTY DEPARTMENT OF UTILITIES		
RISER DETAIL FOR SEWERS >10' DEEP		
DATE: 08-03	DRAWN BY:-	SCALE: NONE

PROJECT DATA

OWNER: ROBERT LAFFERTY
P.P.N.: 118-416-03-004
S/L 3 OF PAINESVILLE ON THE LAKE ALLOTMENT
PLAT VOL. D, PAGE 13A
DOC.# 200505060041

SITE AREA: 0.092 ACRES

SITE NOTES

1) ALL SANITARY SEWER CONNECTION INSTALLATION SHALL BE PERFORMED AS PER THE LAKE COUNTY UTILITY DEPARTMENT.
2) CONTRACTOR IS TO CONTACT OEI FOR ELECTRIC CONNECTION TO THE PROP. HOUSE.
3) DOWNSPOUTS ARE TO BE GUTTERED TO SPLASH BLOCKS AND DIRECTED AWAY FROM THE HOUSE.
4) A SANITARY SEWER RISER SHALL BE INSTALLED AS PART OF THE CONNECTION TO THE 10" SEWER MAIN AS PER THE LAKE COUNTY UTILITY DEPARTMENT. SEE DETAIL.
5) ALL WATER CONNECTION WORK SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE CITY OF PAINESVILLE'S WATER DISTRIBUTION DEPARTMENT.
6) SEE ARCHITECTURAL PLANS FOR FINAL DIMENSIONS & DETAILS. BUILDING DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

SOIL & WATER CONSERVATION NOTES

INGRESS-EGRESS

1. A STONE ACCESS DRIVE COMPLETE WITH UNDER LYING GEO-TEXTILE FABRIC (20 FEET WIDE AND 50 FEET LONG) FOR INGRESS AND EGRESS AT THE SITE SHALL BE INSTALLED. THIS DRIVE SHALL BE THE ONLY ENTRANCE AND EXIT TO THE SITE.

SILT FENCE

2. ALL SILT FENCE SHALL BE INSTALLED PRIOR TO ANY EARTHWORK ACTIVITIES AT THE SITE IN THE LOCATIONS SHOWN ON THE SITE PLAN AS WELL AS ALONG THE FRONT OF ANY LOT THAT SLOPES TOWARDS THE STREET.

TEMPORARY SEEDING

3. DISTURBED AREAS OF THE SITE THAT ARE TO REMAIN IDLE FOR MORE THAN TWENTY-ONE (21) DAYS SHALL BE PROPERLY SEEDED AND STRAW MULCHED WITHIN SEVEN (7) DAYS OF COMPLETION OF INITIAL GRADING. TEMPORARY SEEDING AND MULCHING OF A THIRTY (30) FOOT STRIP OF THE ENTIRE FRONT OF THE LOT SHALL BE MAINTAINED ON THE SITE WHILE INITIAL GRADING IS COMPLETE.

4. STABILIZATION OF CRITICAL AREAS WITHIN FIFTY (50) FEET OF ANY STREAM OR WETLAND SHALL BE COMPLETE WITHIN TWO (2) DAYS OF THE DISTURBANCE IF THE SITE IS TO REMAIN INACTIVE FOR LONGER THAN FOURTEEN (14) DAYS.

5. STRAW-MULCH SHALL BE APPLIED AT A RATE OF 1 BALE PER EVERY TEN (10) FEET OF CURB, AT A WIDTH OF THIRTY (30) FEET OF THE ENTIRE LENGTH OF THE LOT. WOOD CHIPS MAY ALSO BE USED BUT MUST BE SPREAD A MINIMUM DEPTH OF FOUR (4) INCHES OVER THE THIRTY-FOOT WIDTH AND MUST BE ACCOMPANIED BY A PROPERLY INSTALLED SILT FENCE.

MAINTENANCE

6. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED EVERY (7) SEVEN DAYS OR WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL EVENT. NECESSARY REPAIRS SHALL BE MADE AT THIS TIME.

NOTE:
ALL EROSION AND SEDIMENT CONTROL SPECIFICATIONS, APPLICATIONS, AND TIMETABLES ARE BASED ON THE DESCRIPTIONS AND STANDARDS OF THE OHIO DEPARTMENT OF NATURAL RESOURCES, "RAINWATER AND LAND DEVELOPMENT MANUAL" AND CAN BE FOUND IN THE LAKE COUNTY EROSION AND SEDIMENT CONTROL REGULATIONS, EFFECTIVE 21, 1999.

THE ATTACHED EROSION AND SEDIMENT CONTROL STANDARDS ARE GENERAL REQUIREMENTS THAT MUST MEET THE INTENT OF THE COUNTY TO PROVIDE AT ALL TIMES, ADDITIONAL BEST MANAGEMENT REQUIREMENTS.

TEMPORARY SEEDING SPECIFICATIONS

SEEDING DATES	SEEDS	LB./1,000 SQ. FT.	LBS./ACRE
MARCH 1 TO AUGUST 15	OATS	3	1 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	SPRING OATS	3	1 BUSHEL
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	1 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	1 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
NOVEMBER 1 TO SPRING SEEDING	USE MULCH AND/OR DORMANT SEEDING PRACTICES OF HERBACEOUS PLANTS		

*NOTE: OTHER APPROVED SEED MIXES MAY BE SUBSTITUTED.

ADDITIONAL TEMPORARY STABILIZATION NOTES

1) PERMANENT SEEDING SHALL BE COMPLETED WITHIN [illegible] DAYS OF THE LAST DISTURBANCE FOR ANY AREA THAT WILL REMAIN IDLE FOR THE WINTER.

2) PERMANENT SEEDING SHALL BE COMPLETED WITHIN [illegible] DAYS OF THE LAST DISTURBANCE FOR ANY AREA THAT WILL REMAIN IDLE FOR [illegible] MONTHS.

3) PERMANENT SEEDING SHALL BE COMPLETED WITHIN [illegible] DAYS OF THE LAST DISTURBANCE FOR ANY AREA WHICH WILL BE AT FINAL GRADE.

4) TEMPORARY SEEDING SHALL BE COMPLETED WITHIN [illegible] DAYS AFTER THE LAST DISTURBANCE FOR ANY AREA THAT WILL REMAIN IDLE FOR MORE THAN 30 DAYS, BUT THE SITE MUST BE CLEAN AND NOT ABLE TO SUPPORT A [illegible] DAYS OF THE LAST DISTURBANCE.

APPROVED
Painesville Township
Zoning Department
[illegible]
11/9/05

STATE OF OHIO
JOHN URBANICK
E-66506
REGISTERED PROFESSIONAL ENGINEER

CERTIFICATION:

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THE TOPOGRAPHY INDICATED BY THE CONTOURS AND ELEVATIONS SHOWN HEREON, WERE SURVEYED AS A FIELD SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION ON OCTOBER 24, 2005 AND THAT THE ELEVATIONS WERE TAKEN TO ACCURACY STANDARDS, AND THAT, AS FAR AS BEST KNOWN, THE SITE HAS NOT BEEN ALTERED THEREON.

I FURTHER CERTIFY THAT THIS PLAN WAS PREPARED BY ME AND IS BASED ON, WITH REASONABLE CARE, ALL OF THE INFORMATION GATHERED AND ARE TO APPEAR TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

PROFESSIONAL ENGINEER — DATE OF SURVEY

10.26.05
DATE

Rev	Description	Date	By	CHK'D

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By _____ Date 11/9/05

Site Plan
John Home Design
S/L 3 ~ Oakwood Blvd.
Painesville Township ~ Lake County ~ Ohio

Drawn By:
Checked By:
Approved By:
Date: 10/26/05

Greenland Consulting, Inc.

Scale: Horiz. 1" = 10'
Vert. 1" = 10'

Sheet No. 1 OF 1

Drawing No. [illegible]