

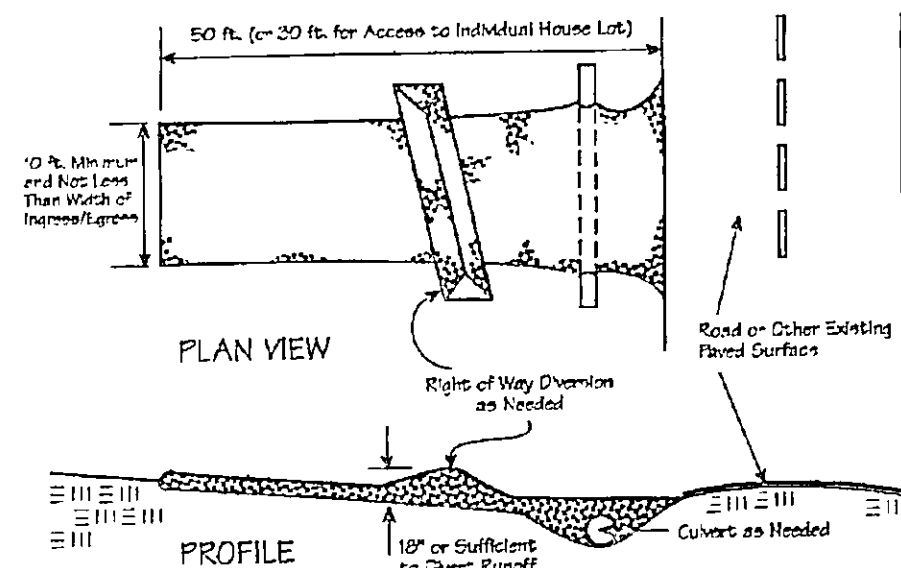
PAINESVILLE WATER DEPT.(PWD) GENERAL NOTES:

1. ALL BENDS, TEES, AND REDUCERS TO BE MEGA-LUG RESTRAINED.
2. HYDRANTS TO BE MUELLER CENTURION 5-1/4", DARLING, OR EQUAL.
3. INSTALLATION AND PRESSURE TESTING SHALL BE PER PWD SPECIFICATIONS.
4. ALL WATERMAINS SHALL BE D.I.P. CLASS 52 AND SHALL CONFORM TO AWWA C150. TAR AND WRAP ALL FITTINGS.
5. DISINFECTION AND/OR CHLORINATION SHALL BE AS PER AWWA C651.
6. FEES AND APPLICATION FOR FIRE LINE INSTALLATION AND INSPECTION DEPOSIT OF \$175.00 PER DAY SHALL BE PLACED WITH THIS OFFICE 72 HOURS PRIOR TO SCHEDULING CONSTRUCTION.
7. LINE VALVES TO BE "RIGHT TO OPEN VALVES".
8. CONTRACTOR IS RESPONSIBLE FOR ALL INSPECTION COSTS. INSPECTION COSTS TO BE PAID TO PWD AT THE CURRENT HOURLY RATE.
9. ZINC ANODE CAPS ARE TO BE USED ON ALL MECHANICAL JOINT BOLTS.
10. CURB STOPS SHALL HAVE COPPER INLETS ON OUTLETS AND SHALL BE HAYS 4304, FORD 822, OR EQUAL.
11. SERVICE BOXES SHALL BE BUFFALO PATTERN WITH 2 1/2" SHAFTS. THE BOXES SHALL BE ADJUSTABLE IN HEIGHT FROM 42" TO 60" AND SHALL HAVE THE WORD "WATER" CAST NEATLY AND LEGIBLY ON THE LID WHICH SHALL BE HELD IN PLACE BY A BRONZE OR BRASS STANDARD BOLT. CURB BOXES SHALL BE STANDARD WEIGHT, SIZE 94E, AND SHALL BE MUELLER 4-10350, TYLER PIPE INDUSTRIES 6500 OR EQUAL.
12. ALL M.J. FITTINGS TO BE "CL 110".
13. WATER METER TO BE INSTALLED INSIDE PER P.W.D. SPEC'S.
14. 1" SERVICE IS TO BE INSTALLED BY CONTRACTOR UNDER CITY INSPECTION.
15. 1" TAP TO BE MADE BY THE CITY WATER DEPT. AT OWNER'S COST.

SOIL & WATER CONSERVATION NOTES

1. INGRESS-EGRESS
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.
 2. SILT FENCE
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.
 3. TEMPORARY SEEDING
DISTURBED AREAS OF THE SITE THAT ARE TO REMAIN IDLE FOR MORE THAN TWENTY-ONE (21) DAYS SHALL BE PROPERLY SEED 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 ONCE 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.
 6. MAINTENANCE
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 RULES AS ADOPTED DECEMBER 21, 1999.
- THE SPECIFIED EROSION AND SEDIMENT CONTROL STANDARDS ARE GENERAL GUIDELINES AND SHALL NOT LIMIT THE RIGHT OF THE COUNTY TO IMPOSE, AT ANY TIME, ADDITIONAL, MORE STRINGENT REQUIREMENTS.

CONSTRUCTION ENTRANCE DETAIL



1. Stone Size—Two-inch stone shall be used, or recycled concrete equivalent.
2. Length—The construction entrance shall be as long as required to stabilize high traffic areas but not less than 50 ft. (except on single residence lot where a 30-ft. minimum length applies).
3. Thickness—The stone layer shall be at least 6 in. thick.
4. Width—The entrance shall be at least 10 ft. wide, but not less than the full width at points where ingress or egress occurs.
5. Bedding—A geotextile shall be placed over the entire area prior to placing stone. It shall have a Grab Tensile Strength of at least 200 lb. and a Mullen Burst Strength of at least 190 lb.
6. Culvert—A pipe or culvert shall be constructed under the entrance if needed to prevent surface water flowing across the entrance from being directed out onto paved surfaces.
7. Water Bar—A water bar shall be constructed as part of the construction entrance if needed to prevent surface runoff from flowing the length of the construction entrance and out onto paved surfaces.
8. Maintenance—Top dressing of additional stone shall be applied as conditions demand. Mud spilled, dropped, washed or tracked onto public roads, or any surface where runoff is not checked by sediment controls, shall be removed immediately. Removal shall be accomplished by scraping or sweeping.
9. Construction entrances shall not be relied upon to remove mud from vehicles and prevent off-site tracking. Vehicles that enter and leave the construction-site shall be restricted from muddy areas.

PROJECT NOTES:

1. CONTRACTOR TO FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES, INCLUDING ALL UNDERGROUND ELECTRICAL LINES.
2. SEE HOUSE PLANS FOR DETAILS AND COMPLETE CONSTRUCTION INFORMATION.
3. DOWNSPOUTS ARE TO OUTLET TO SPLASHBLOCKS AND BE DIRECTED AWAY FROM THE HOUSE.
4. A TEMPORARY 2" STONE CONSTRUCTION ENTRANCE (6" THICK) SHALL BE INSTALLED AS PER THE SPECIFICATIONS FOUND IN THE RAINWATER & LAND DEVELOPMENT MANUAL.
5. ALL DISTURBED AREAS SHALL HAVE TEMPORARY SEEDING AS PER SPECIFICATIONS FOUND IN THE RAINWATER & LAND DEVELOPMENT MANUAL.
6. LAKE COUNTY SOIL & WATER CONSERVATION DISTRICT SITE PLAN PERMIT NOTES AND DETAIL SPECS FROM THE MANUAL HAVE ALSO BEEN PROVIDED TO THE CLIENT.
7. DISTURBED AREA= 0.201 Acres.
8. PROPOSED SANITARY CONNECTION TO BE VCP ES 700 ES @ 1.00% MIN AS PER LCUD

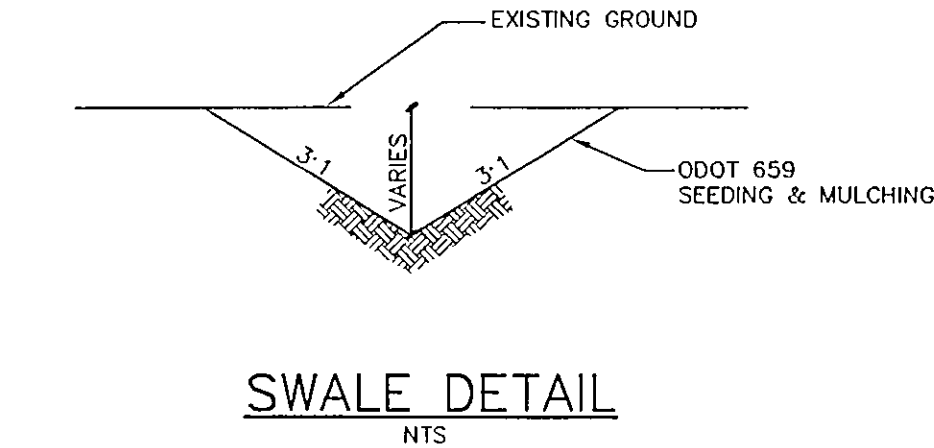
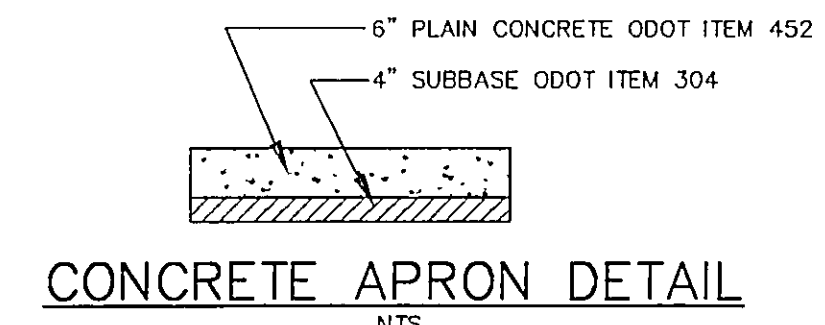
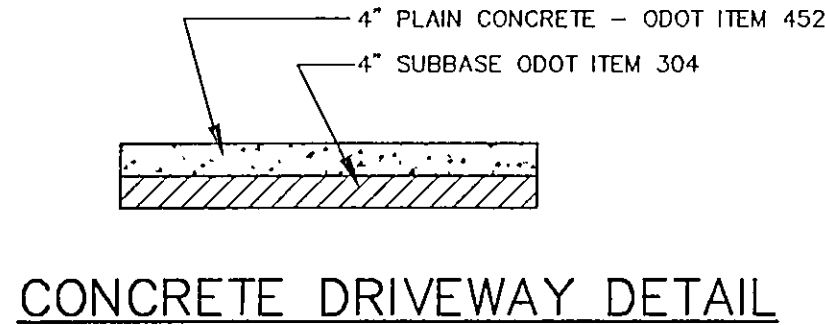
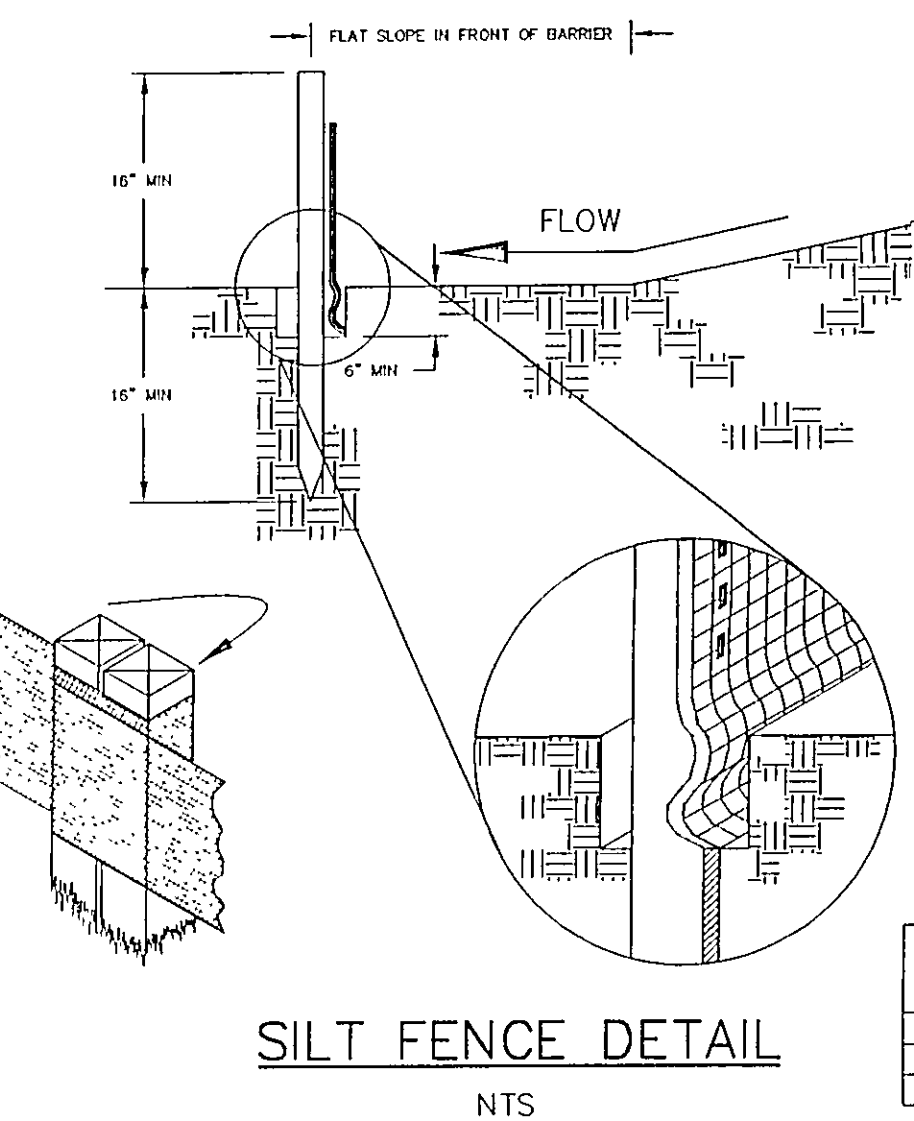
TEMPORARY SEEDING SPECIFICATIONS

SEEDING DATES	SPECIES	LB./1,000 FT.	PER ACRE
MARCH 1 TO AUGUST 15	OATS	3	4 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
AUGUST 16 TO NOVEMBER 1	RYE	3	2 BUSHEL
	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	WHEAT	3	2 BUSHEL
NOVEMBER 1 TO SPRING SEEDING	TALL FESCUE	1	40 LB.
	ANNUAL RYEGRASS	1	40 LB.
	PERENNIAL RYEGRASS	1	40 LB.
	TALL FESCUE	1	40 LB.

*NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED

ADDITIONAL TEMPORARY STABILIZATION NOTES:

1. TEMPORARY SEEDING MUST BE APPLIED WITHIN 7 DAYS OF THE LAST DISTURBANCE OF ANY AREA THAT WILL BE DORMANT FOR 21 DAYS OR LONGER.
2. TEMPORARY SEEDING IS REQUIRED WITHIN 7 DAYS OF LAST DISTURBANCE FOR ANY AREAS THAT WILL REMAIN IDLE OVER THE WINTER.
3. TEMPORARY SEEDING IS REQUIRED WITHIN 2 DAYS OF LAST DISTURBANCE FOR ANY WITHIN 50 FEET OF A STREAM.



BENCHMARK:
TOP OF HYDRANT
ELEV: 914.90

CERTIFICATION:

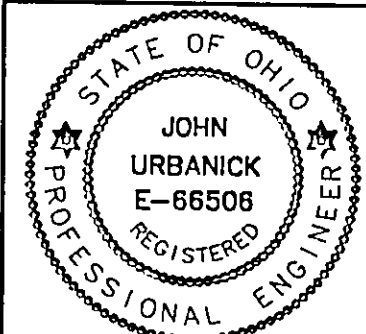
"I, the undersigned, hereby certify that this topography, indicated by 1" 0" contours and elevations shown hereon, represent an actual field survey made by me or by my direct supervision on October 23, 2002 and that the elevations were taken at appropriate intervals and that, as of that date, they existed as indicated hereon.

John Urbanick
Reg No. E-66506

3/5/04
DATE

Site Plan for S/L 246 in the
Quail Hollow Subdivision No. 8
for Maple Street Construction LLC

Concord Township ~ Lake County ~ Ohio



Drawn By: JAS
Checked By:
Approved By:
Date: 3/5/04

Greenland Consulting, Inc.

6520 Hopkins Road, Mentor, OH 44060
Phone: (440) 205-8167 Fax: (440) 205-1929
E-Mail: green-land@aatt.net

Scale: Horiz. 1"=10'
Vert. 1"=N/A
Sheet No. 1 of 1
Filename: 02-099_08