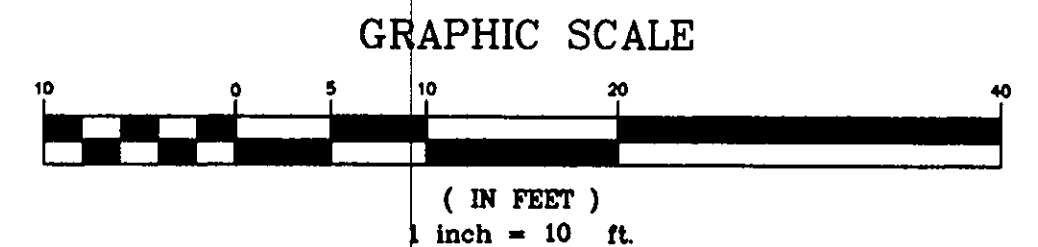
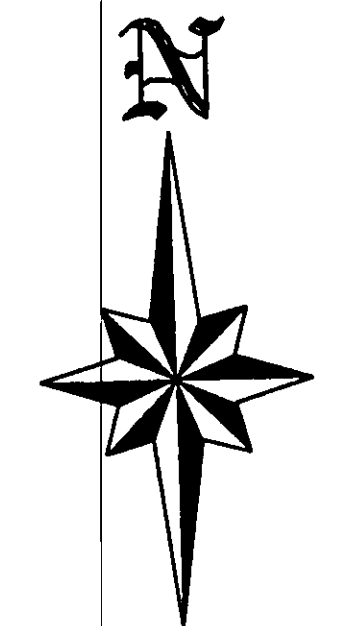


BENCHMARK:
TOP OF HYDRANT
ELEV. 914.90



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 TO BE TIED INTO 6" STORM CONN.
4. A TEMPORARY 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. SANITARY CONNECTION TO BE 6" VCP ES C700 @ 1.00% MIN. AS PER L.O.D.

**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. HYDRANTS TO BE PLUGGED.
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. TAP 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 B22, 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 (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.
3. TEMPORARY SEEDING
DISTURBED AREAS OF THE SITE THAT ARE TO REMAIN IDLE FOR MORE THAN THIRTY (30) DAYS SHALL BE PROPERLY SEEDDED AND STRAW MULCHED WITHIN SEVEN (7) DAYS OF COMPLETION OF ROUGH GRADING.
4. TEMPORARY SEEDING OF THE UTILITY RIGHT-OF-WAY SHALL BE MAINTAINED ONCE ROUGH GRADING IS COMPLETE.
5. 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.
6. SOIL STOCKPILES THAT ARE LOCATED WITHIN CRITICAL AREAS OF ANY DRAINAGE WAY, STREAM, OR WETLAND OR ARE TO REMAIN IDLE FOR MORE THAN THIRTY (30) DAYS SHALL BE STABILIZED WITHIN SEVEN (7) DAYS.
7. 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.

CERTIFICATION:

"I, THE UNDERSIGNED, HEREBY CERTIFY THAT THE TOPOGRAPHY, INDICATED BY 1' 0" CONTOURS AND ELEVATIONS SHOWN HEREON, REPRESENTS AN ACTUAL FIELD SURVEY MADE BY ME OR BY MY DIRECT SUPERVISION ON SEPTEMBER 16, 2003 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT, AS OF THAT DATE, THEY EXISTED AS INDICATED HEREON.

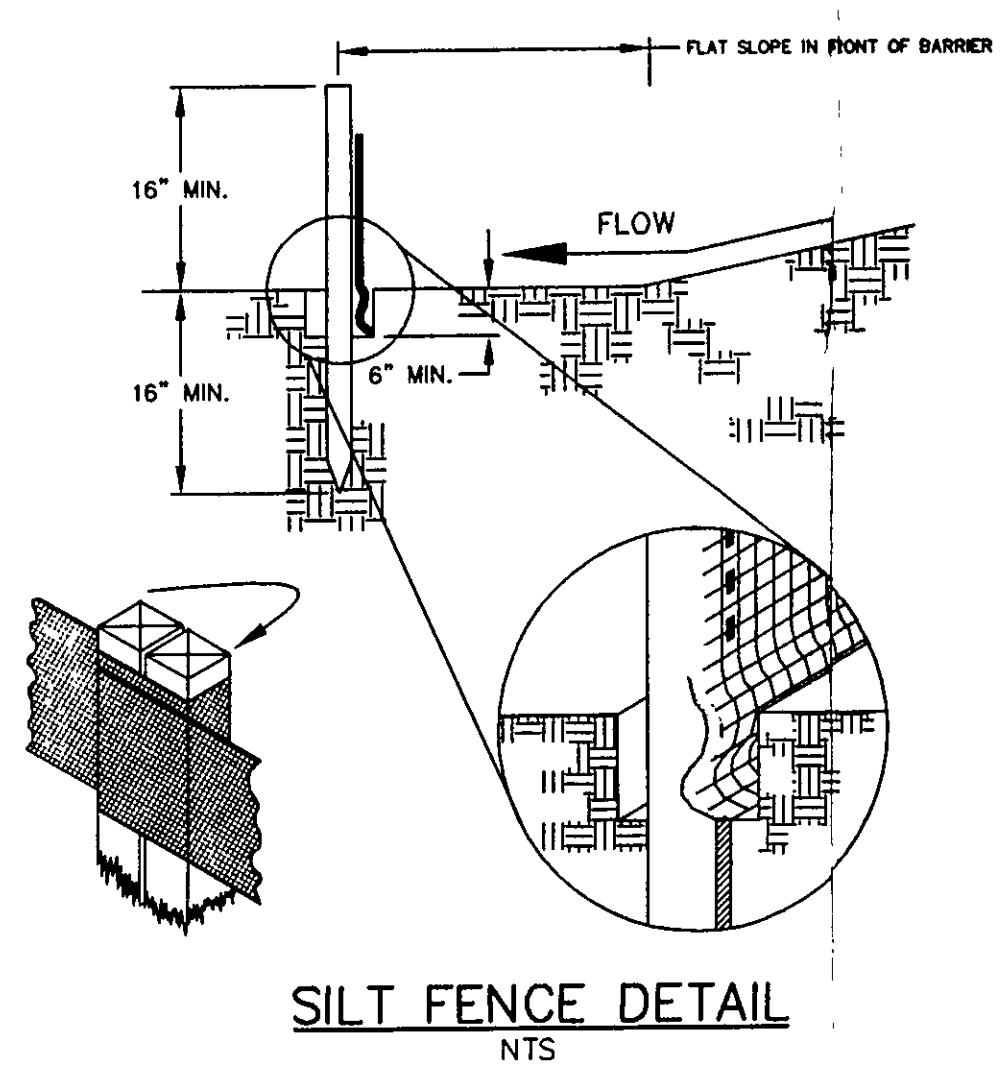
JOHN URBANICK
REG. NO. E-66506
9-22-03
DATE

TEMPORARY SEEDING SPECIFICATIONS

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

*NOTE: OTHER APPROVED SEED SPECIES MAY BE SUBSTITUTED.

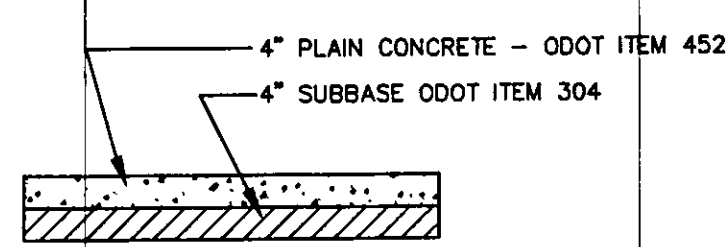
SITE PLAN
SCALE: 1" = 10'



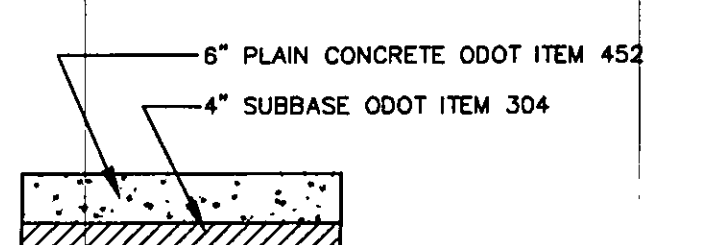
CONCORD TOWNSHIP ZONING OFFICE
ZONING PERMIT 0903-1298
ISSUED 9/25/03
SUBJECT TO APPROVAL BY:
Laka Co. Sanitary Engineer
Laka Co. Eng. Dept.
Laka Co. Planning Comm.
Laka Co. Building Dept.
Laka Co. Soil & Water Cons. Dist.

Grading Plan Approved
on shown and/or noted
JAMES R. GILLS, P.E.
Lake County Engineer
Date 9/25/03

CONCRETE DRIVEWAY DETAIL
NTS

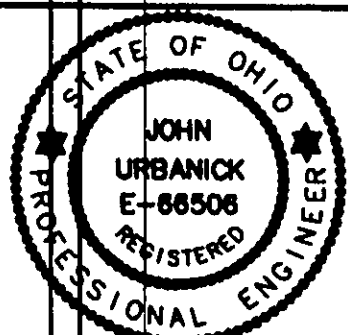


CONCRETE APRON DETAIL
NTS



Site Plan for S/L 292 in the
Quail Hollow Subdivision No. 8

Concord Township ~ Lake County ~ Ohio



Drawn By: JML
Checked By:
Approved By:
Date: 9/22/03

Greenland Consulting, Inc.
6520 Hopkine Road Mentor, OH 44060
Phone: (440) 205-8167 Fax: (440) 205-1923
E-Mail: green-land@att.net

Scale: Horiz. 1"=10'
Vert. 1"=N/A
Sheet No. Of
1
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