

LOCATION and elevation when given on the plans is top center of the grate.

GRATING AND FRAME
"DUMP NO WASTE" lettering to be visible on grate.
Grate to be shown on shop drawings and approved by the engineer prior to construction.
Grate to be one of the following (or equal) depending on usage, location, and elevation of basin:
East Jordan No. 5110 w/ Type M3 Sinusoidal Grate
East Jordan No. 5230
East Jordan No. 5235
East Jordan No. 5250

BRICK, concrete block or cast-in-place walls have a nominal thickness of 8 inches. Precast walls shall have a minimum thickness of 8 inches and be reinforced sufficiently to permit shipping and handling without damage.

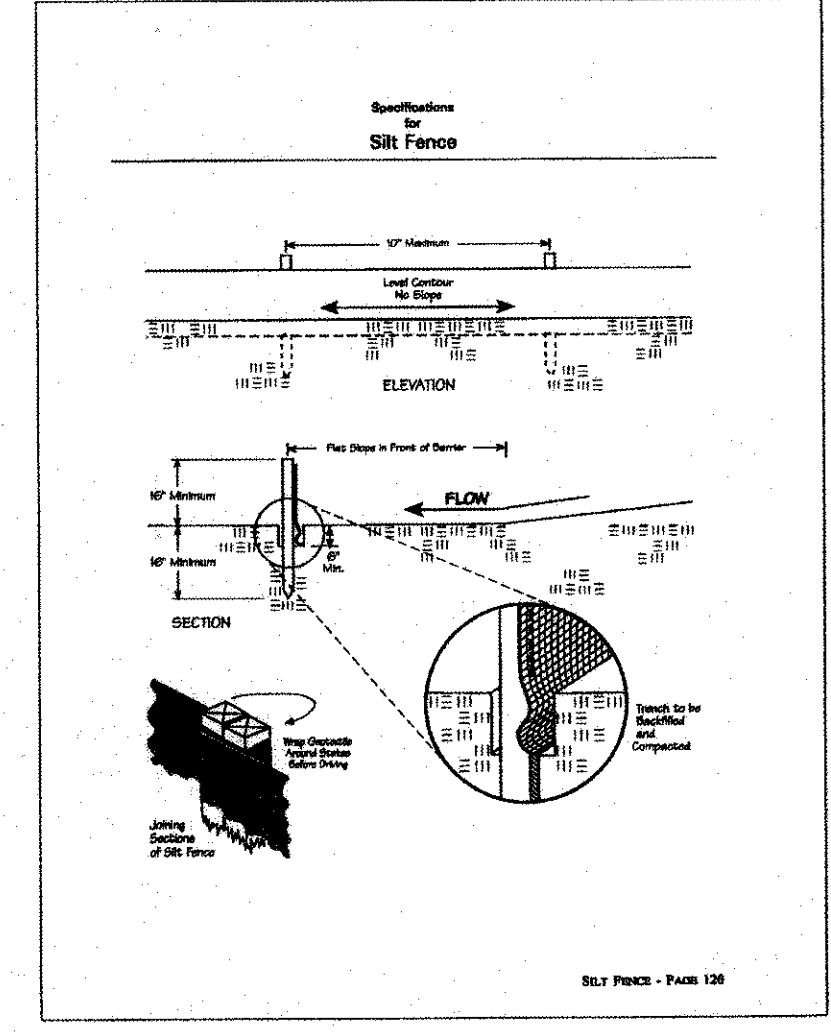
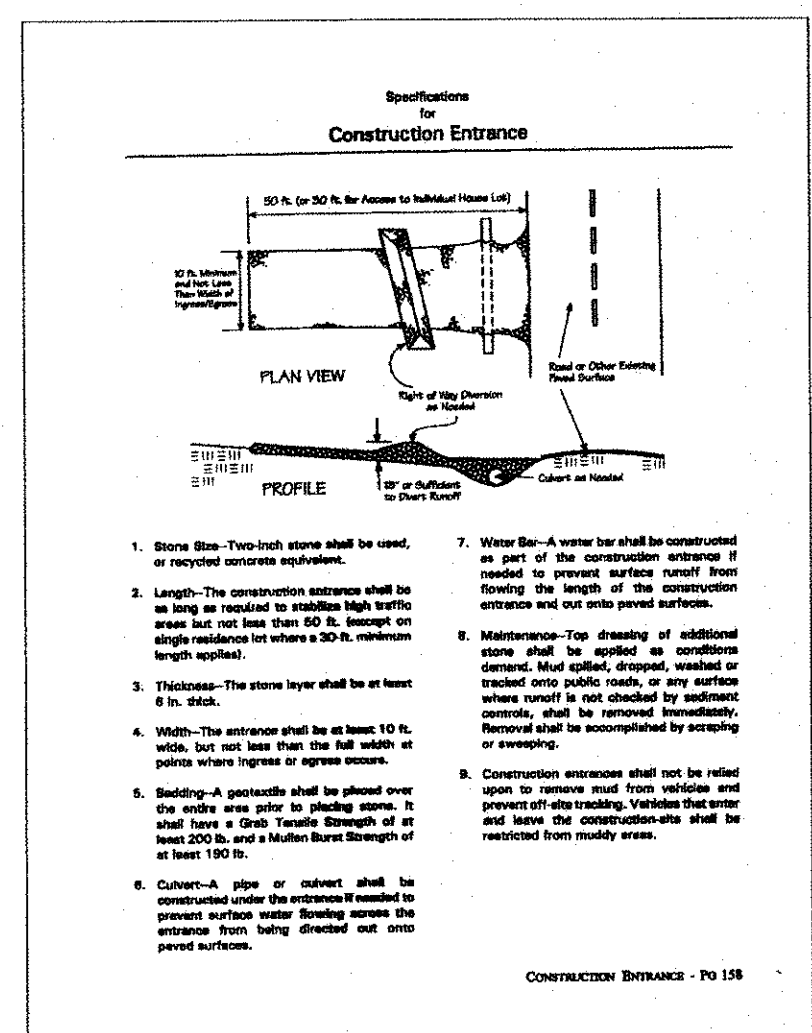
2-2-B GRATE elevation to be placed 4 to 6 inches below normal elevations of median or ditch flow line returning to normal 10 feet each side of basin.

CONCRETE, cast-in-place, to be Class "C". All precast concrete shall meet the requirements of 706.13 with 5% plus or minus 2% air void content in the hardened concrete and be marked with catch basin number.

OPENINGS for pipes shall be O.D. +2" when fabricated or field cut.

THIS DETAIL IS INTENDED TO DETAIL THE ODOT 2-2-B CATCH BASIN

NOVEMBER 9, 2006

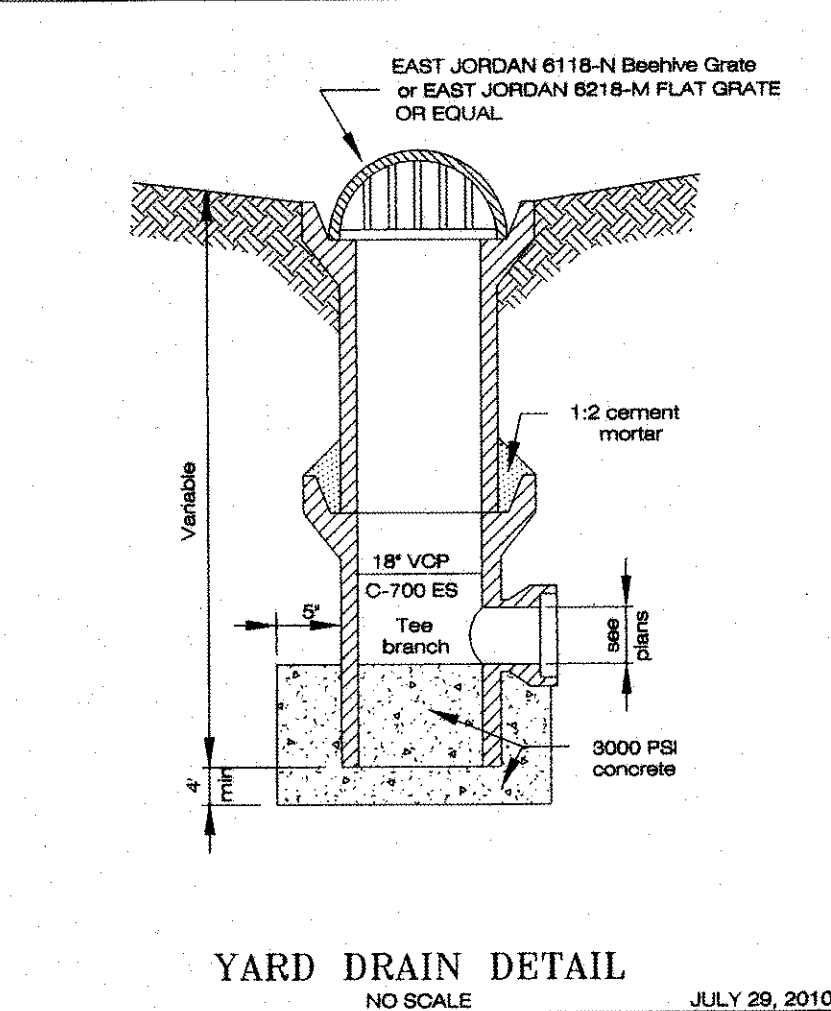


Temporary Seeding Species Selection			
Seeding Dates	Species	1 lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Cats	3	4 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
	Wheat	3	2 bushel
	Tall Fescue	1	40 lb.
	Annual Ryegrass	1	40 lb.
November 1 to Spring Seeding	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.

Note: Other approved seed species may be substituted.

TEMPORARY SEEDING SPECIFICATIONS (SHEET 1 OF 2)

JULY 24, 2006



Abbreviated Site Plan - Erosion and Sediment Control Notes (Individual Homesites) (5-13-05)

- 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.
- 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.
- Temporary Seeding**
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 once initial grading is complete.
- 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.**
- Mulching**
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 at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.
- Maintenance**
Erosion and sediment controls shall be inspected every seven (7) 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 of 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. Nor shall the standards limit the right of the county to

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 28th day of September, 2011, and that the elevations were taken at appropriate intervals and that as of that date they existed as indicated hereon.

James R. Pegoraro, Jr., P.S. #8150

SITE PLAN

for : **Heisley-Hopkins Inc.**
CLIENT

8500 Station St. Mentor
ADDRESS STREET CITY

"Out Lot"	Nature Preserve North	48 - 26
SUBLOT No.	SUBDIVISION NAME	VOL. PAGE
2 - 2	Concord	OHIO
LOT	TRACT	TOWNSHIP

LAND DESIGN consultants
www.LDCinc.net
ENGINEERS PLANNERS SURVEYORS
9025 Osborne Drive Mentor, Ohio 44060
TEL: (440) 255-8463 (440) 951-LAND
(440) 354-6936 FAX: (440) 255-9575

DESIGN CERTIFICATION

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

James R. Pegoraro, Jr.
NAME

CHECK LIST LOT DIMENSIONS & BEARINGS TO NEAREST STREET SUBLOT No. (PARCELS No.) SURROUNDING OWNERS BUILDING DIMENSIONS SETBACK, SIDEYARD, REARYARD FINISHED GRADES DRIVE & APRON TYPE, WIDTH, THICKNESS SEWER TYPE, WIDTH, THICKNESS CULVERT TYPE, DRAIN, LENGTH WATER MAIN SIZE, LOCATION SAN. SEWER SIZE, GRADE, LOC. SAN. MAN. CAST. ELEV. INV. ELEV. SAN. CONN. SIZE, GRADE, LOC. STORM SEWER SIZE, GRADE, LOC. STORM MAN. CAST. ELEV. INV. ELEV. PAV'T TYPE, GRADE, CURBS GAS LINE LOC., SIZE SEPIC SYSTEM & PURIFICATION WELL LOCATION & ISOLATION RADIUS	
 STATE SEAL	

"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS EXISTING AS OBTAINED ON THE SITE 20 AND IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

NAME

LEGEND STORM MANHOLE SANITARY MANHOLE EXISTING CONTAINERS PROPOSED CONTAINERS EXST. ELEV. 100.0 100.0 PROP. ELEV. DIRECTION OF SURFACE DRAINAGE	
DRAWN BY JRP	SCALE 1"=20'
CHKD BY	DATE 10/18/2011
1	10/20/11-Rev Fnd.
2	

ACCEPTED: CLIENT DATE

BENCHMARK:

TBM: PK Nail set in Asphalt Edge as shown
Elev: 978.63

CONCORD TOWNSHIP ZONING OFFICE

Zoning Permit # 2011-14599
Date Issued 10/27/11
Subject to Approval By:
☒ Lake Co. Engineer/Storm Water Mgm
☒ Lake Co. Utilities Dept.
☒ Lake Co. Soil + Water District
☒ Lake Co. Health District
☒ Lake Co. Building Dept.

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By *James R. Pegoraro, Jr.* Date 11/04/11

811
Know what's below.
Call before you dig.

LDC
DWG. NAME
HEISH1-1101