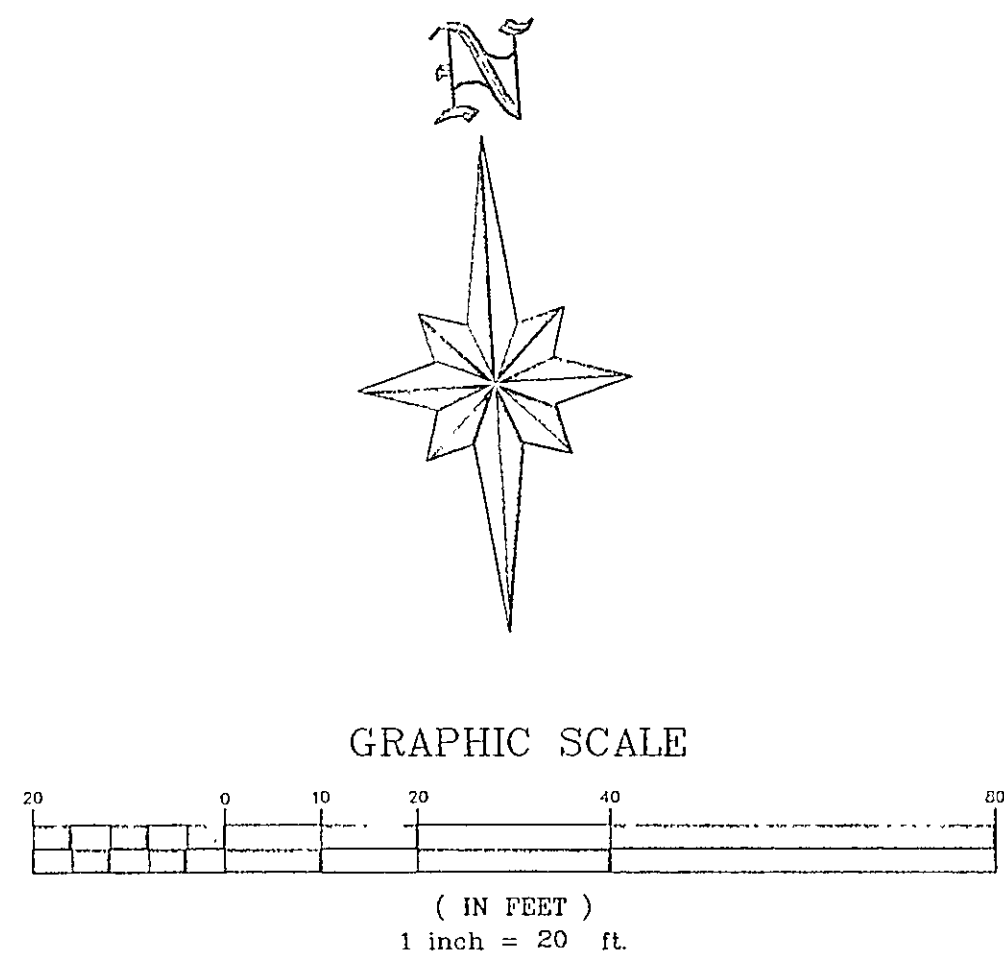
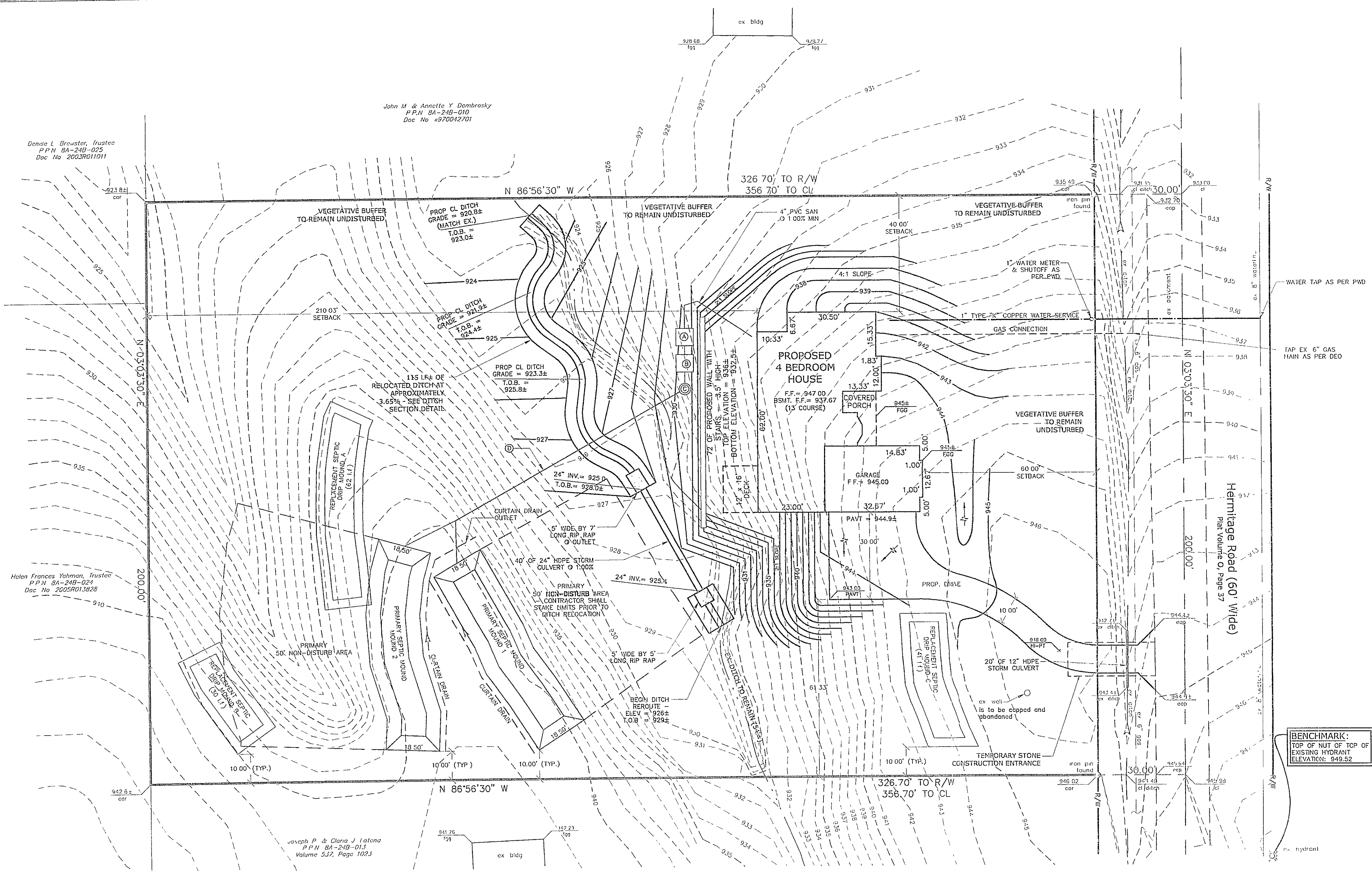




Property Data:

Owner: NCT Builders, LLC
P.P.N.: 8A-24B-012
Deed: Dec No 2005R022504
Area: 1.638 Acres to CL, 1.498 Acres to R/W
Zoning: R-1 Residential
Required Setbacks:
Front: 50 feet
Side: 15 feet
Rear: 15 feet

Survey data provided by John Skaneczy, P.S. No. 6356 on January 6, 2006

Dimensions of the proposed home are shown for layout reference only. Contractor is to use the dimensions shown on the foundation plan for basement excavation and for basement footer / wall construction

Foundation design near slopes may require the design certification of a licensed geotechnical / structural engineer

The builder is to coordinate the electrical connection location with the power company.

Erosion Control Notes:

1. A TEMPORARY 2" STONE CONSTRUCTION ENTRANCE (6" THICK) SHALL BE INSTALLED AS PER SPECIFICATIONS FOUND IN THE RAINWATER & LAND DEVELOPMENT MANUAL.
2. ALL DISTURBED AREAS SHALL HAVE TEMPORARY SEEDING AS PER SPECIFICATIONS FOUND IN THE RAINWATER & LAND DEVELOPMENT MANUAL.

Septic System Data:

- Ⓐ - 2000 Gallon Septic Tank
- Ⓑ - 2000 Gallon Dosing Tank
- Ⓒ - Control Unit
- Ⓓ - (2) 1" PVC Supply Lines and (2) 1" PVC Return Lines

Ditch Relocation Information:

1. ALL DITCH RELOCATION WORK SHALL BE PERFORMED AS PER CURRENT COUNTY ENGINEER AND COUNTY SOIL & WATER MANAGEMENT REQUIREMENTS
2. TEMPORARY SEEDING SHALL BE REQUIRED IMMEDIATELY FOLLOWING THE RELOCATION OF THE DITCH TO ALL DISTURBED AREAS WITHIN 20 FEET OF BOTH SIDES OF THE DITCH AND OR PIPE INSTALLATION

Culvert Data:

Total watershed area = 10.42 acres

25 year storm peak discharge = 14.53 cfs

Capacity of the 24" HDPE (n=0.12) @ 1.00% = 24 cfs ±

Emergency overflow = Over the pipe @ elevation 928.5±. No storm water will back up onto the upstream property during emergency overflow. Elevation at the southerly property line = 930±.

FLEXIBLE PIPE NOTES:

1. BEDDING MATERIALS SHALL BE CLASS I, II, OR III MATERIALS AS DEFINED IN TABLE 1, ASTM D-2321. INSTALLATION OF THESE MATERIALS SHALL BE AS PER TABLE 2.
2. HAUNCH MATERIALS SHALL BE CLASS I, II, OR III MATERIALS AS REQUIRED ABOVE, RESTRICTED AS PER D-2321, TABLE 2.
3. INITIAL BACKFILL MATERIALS SHALL BE CLASS I, II, OR III MATERIALS AS REQUIRED ABOVE, RESTRICTED AS PER D-2321, TABLE 2.
4. MIN. TRENCH WIDTHS (AS REQUIRED BY ASTM D-2321), ARE AS FOLLOWS.

MIN. TRENCH WIDTH, CPEP	
8"	25"
10"	27"
12"	30"
15"	34"
18"	38"
24"	48"
30"	52"
36"	65"
48"	72"

- A LESSER TRENCH WIDTH WILL BE PERMITTED ONLY WHERE IT IS DETERMINED THE CONTRACTOR CAN UTILIZE EQUIPMENT CAPABLE OF MEETING THE REQUIRED INSTALLED DENSITIES
- WHERE THE TRENCH BOTTOM IS UNSTABLE, CONTRACTOR SHALL EXCAVATE TO A DEPTH AS REQUIRED BY THE ENGINEER AND REPLACE WITH A FOUNDATION OF CLASS I OR II MATERIALS. AS AN ALTERNATIVE, TRENCH BOTTOM MAY BE STABILIZED USING A GEOFABRIC
- STORM SEWER UNDER PAVEMENT AREAS REQUIRE PREMIUM BACKFILL TO TOP OF TRENCH.

Stormwater Management Plan
Approved as shown and/or noted
JAMES R. GILLS, P.E.
County Drainage Engineer
By S. Date 7/24/06

PROPOSED DITCH CROSS SECTION DETAIL

NTS
THE ENTIRE SIDESLOPES OF THE DITCH ARE TO BE EXCAVATED AND SEEDING WITH 75% ESTABLISHED VEGETATION PRIOR TO FILLING AND REROUTING THE EXISTING DITCH. DITCH BOTTOM TO CONTAIN 75% COVERAGE OF ONSITE PIECES OF SHALE.

NOTE: LENGTH AND WIDTH OF RIP-RAP SECTION SHOWN ON PLANS.

RIP-RAP DETAIL

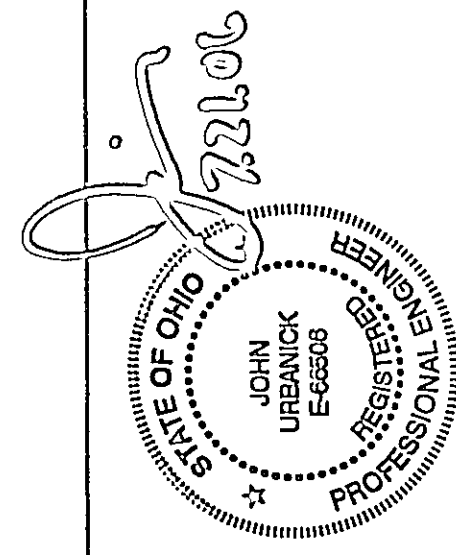
NTS

STORM SEWER TRENCH DETAIL

(HDPE, CPEP, PVC, PE, ETC)

Site Plan

NCT Builders, LLC
P.P.N. 8A-24B-45
Concord Township ~ Lake County ~ Ohio



Drawn By: JML

Checked By:

Approved By:

Date: 7-21-06

Greenland Consulting, Inc.

7757 Auburn Road, Unit #9, Concord, OH 44077
Phone: (440) 352-1794 Fax: (440) 352-1796
E-Mail: greenland@scglobal.net

Scale: Horiz. 1"=20'
Vert. 1"=As Noted

Sheet No. 1 of 2

Filename: 05-102.vb