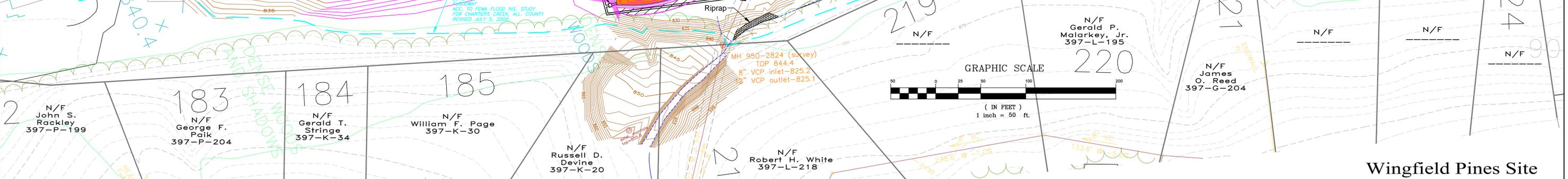
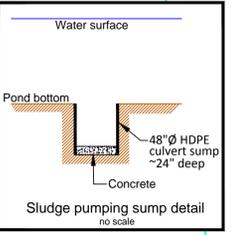
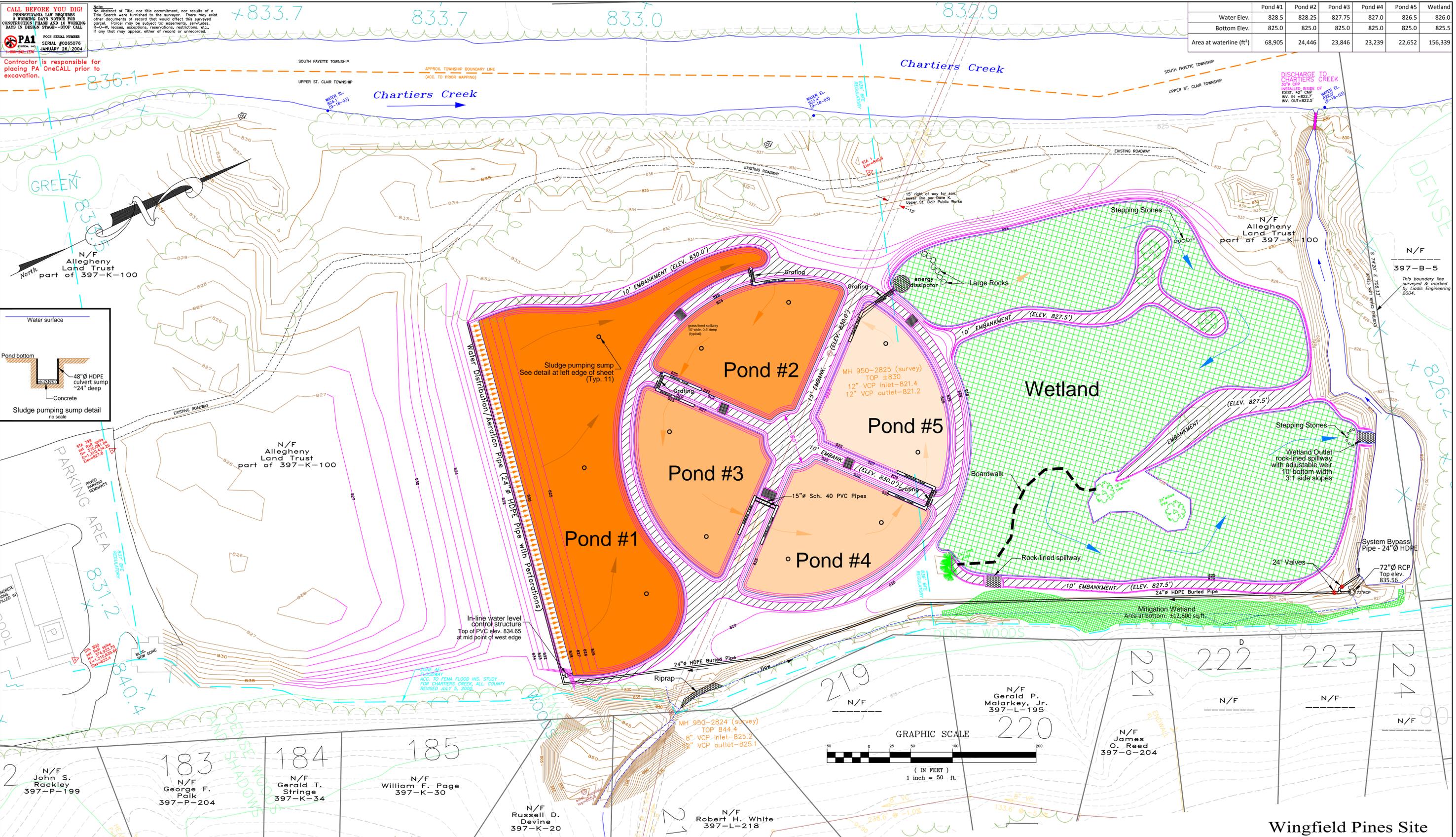


**CALL BEFORE YOU DIG!**  
 PENNSYLVANIA LAW REQUIRES  
 3 WORKING DAYS NOTICE FOR  
 CONSTRUCTION PHASE AND 10 WORKING  
 DAYS IN DESIGN STAGE—STOP CALL  
**PAI**  
 POCS SERIAL NUMBER  
 SERIAL #0265076  
 JANUARY 26, 2004

Note:  
 No Abstract of Title, nor title commitment, nor results of a  
 Title Search were furnished to the surveyor. There may exist  
 other documents of record that would affect this surveyed  
 parcel. Parcel may be subject to easements, servitudes,  
 li-ty-ty leases, exceptions, reservations, restrictions, etc.,  
 if any that may appear, either of record or unrecorded.

Contractor is responsible for  
 placing PA OneCALL prior to  
 excavation.

	Pond #1	Pond #2	Pond #3	Pond #4	Pond #5	Wetland
Water Elev.	828.5	828.25	827.75	827.0	826.5	826.0
Bottom Elev.	825.0	825.0	825.0	825.0	825.0	825.5
Area at waterline (ft <sup>2</sup> )	68,905	24,446	23,846	23,239	22,652	156,339



- Legend:**
- 827 existing ground contours (5-foot interval) (from original site mapping - see notes)
  - 827 existing ground contours (1-foot interval) (from topographic survey by D.E.M.)
  - existing edge of woods (from original site mapping - see notes)
  - MH CC 20- existing manhole & sewer line (from original site mapping - see notes)
  - sanitary sewer manhole (located by D.E.M.)
  - survey reference mark (by D.E.M.)
  - existing bird house box
  - existing drainage channel
  - approximate property boundaries (not surveyed) (landowner names provided to D.E.M. by Hedin)
  - pipe or trough
  - indicates areas of dense woods
  - ZONE AE - FLOODWAY ACC. TO FEMA FLOOD INS. STUDY FOR CHARTIERS CREEK, ALLEGHENY COUNTY, DATED JULY 5, 2000 (BFE = Base Flood Elevation)
  - Modified contour

Planned by:  
  
**D.E.M. Surveying, P.C.**  
 Professional Land Surveying  
 56 Industrial Park Road, Suite #1 Brookville, PA 15825  
 (814) 849-8230 www.demsurveying.com

Design criteria developed by:  
  
**HedinEnvironmental**  
 www.hedinenv.com

Notes:  
 This map prepared from a CAD file of existing site mapping provided to D.E.M. by Hedin Environmental. Origin of this mapping, including the basis of coordinates and elevations is unknown. To provide greater detail of the project area, a topographic survey was completed by D.E.M., including a horizontal tie-in to existing physical features shown on the original mapping, and a vertical tie-in to a spot elevation (at the prior tennis courts) also shown on the original mapping.  
 Areas depicting the 1-foot contour interval are according to the topographic survey by D.E.M.  
 Areas depicting the 5-foot contour interval are according to the off-sited original mapping and are shown here for reference information situated beyond the limits of the topographic survey by D.E.M.

No.	Date	Description	By
9	03-08-10	add boardwalk	naw
9	12-31-09	As-Built	naw
8	09-25-08	troughs, pond 1, disposal	naw
7	06-03-08	revisions for sewer line	dem
6	08-09-07	misc.	dem
5	06-06-07	misc.	tjb
4	02-27-07	added wetland delin's.	dem
3	09-02-04	misc.	dem
2	06-29-04	revised trough locations	dem
1	06-16-04	Site designs	dem

Date	By
	naw
	naw
	naw
	dem
	dem
	tjb
	dem

Design Criteria Developed By  
 Hedin Environmental  
 (SEAL)  
 Topographic Survey  
 (SEAL)  
 Daniel E. Moore, PLS (PLS No. SU-039402-E)  
 Date

**Wingfield Pines Site**  
 As-Built Plans  
**Wingfield Pines**  
 Passive Treatment System  
 prepared for  
 Allegheny Land Trust  
 www.alleghenylantrust.org  
 Municipality: Upper St. Clair Township  
 County: Allegheny County  
 Date: October 2003  
 Drawing No.: Wingfield as-built.dwg  
 Scale: As Shown