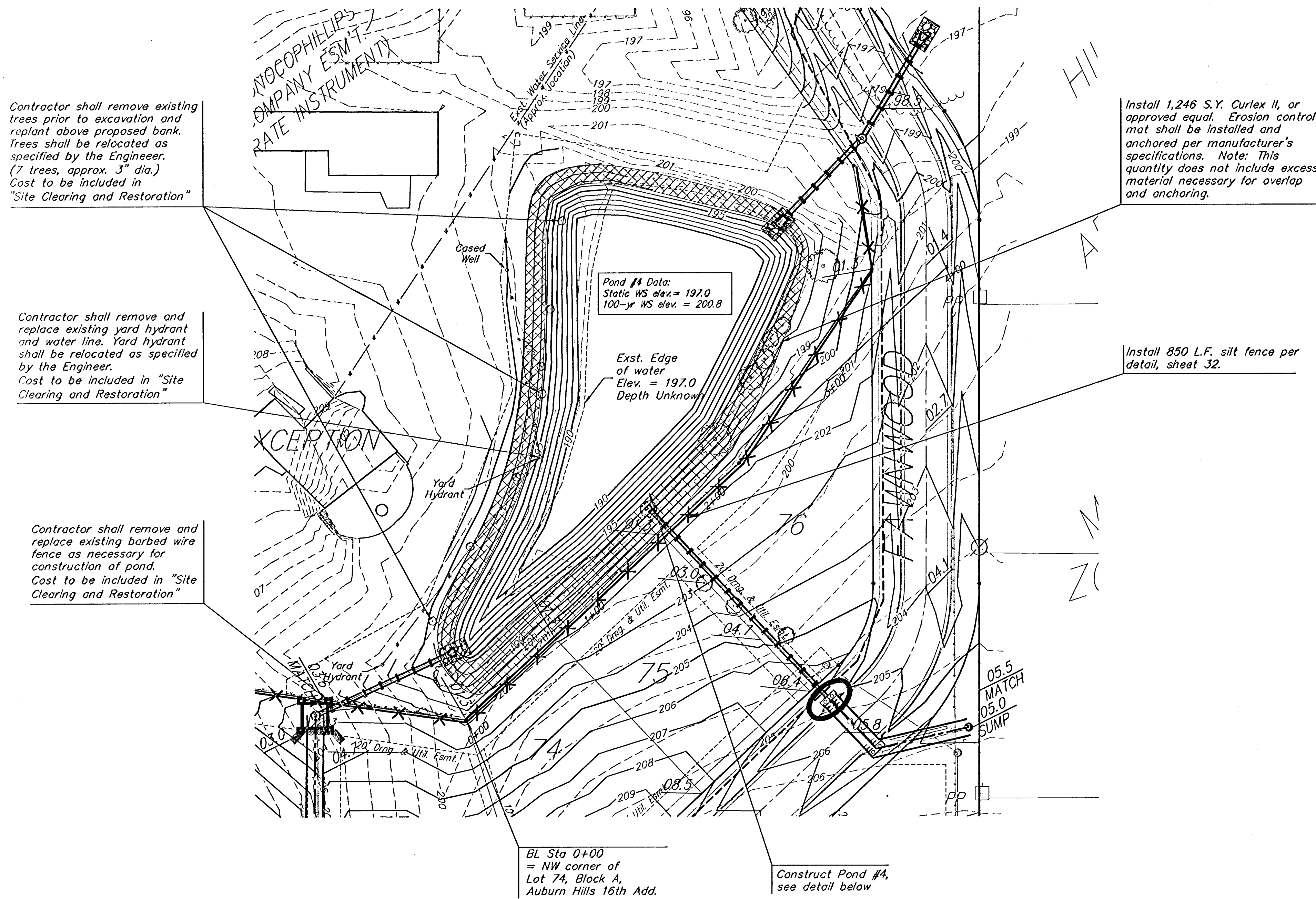


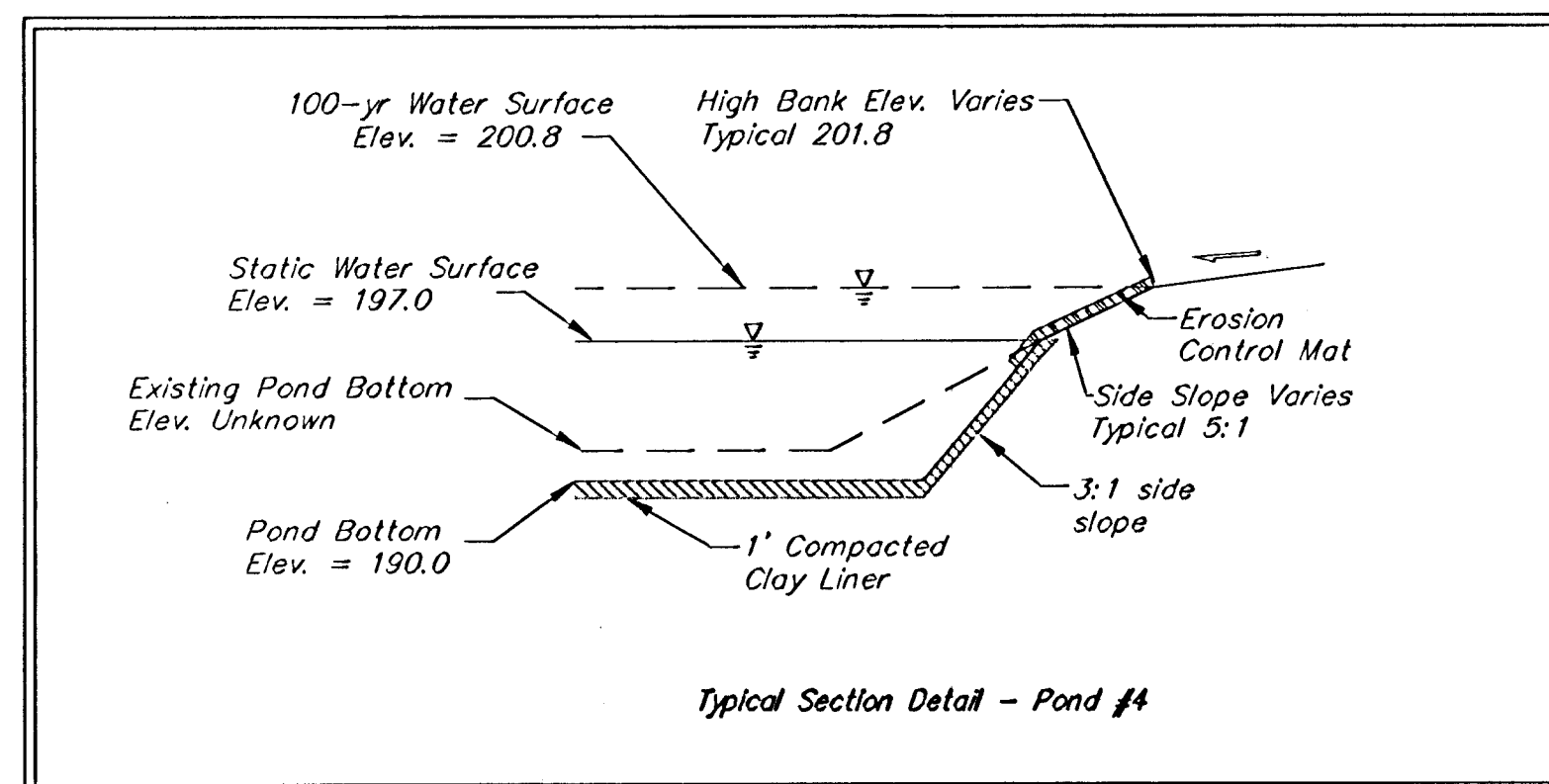


Existing pond slopes and bottom elevation unknown below static water surface. Contractor to Drain pond, Excavate pond to necessary depth to install 1' clay liner.
Pond #4 earthwork calculations assume existing slopes of 5:1 and a bottom elevation of 191.0. If any portion of the existing pond bottom is lower than proposed bottom elevation of 190.0, the contractor shall leave this portion undisturbed and construct the remainder of the pond as indicated in the Typical Section Detail on this page.

Scale: 1" = 40'

- GENERAL NOTES:**
Earthwork quantities are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Mass Grading".
- Contractor to strip top 3" of soil in areas of pond construction and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over reserves above water surface.
 - Compaction of 95% standard proctor density shall be obtained in all street R/W's, 90% in all other areas.
 - Pond bottom and sideslopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The plasticity index (P.I.) shall be at least 30. The compaction and P.I. shall be verified during construction. P.I. determination and compaction testing shall be arranged by the contractor at the request of the inspector. Cost shall be incidental to "Site Clearing & Restoration". Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Excavation."
 - It shall be the Contractor's responsibility to protect any existing utilities during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.
 - Only trees within the street R/W or in areas of pond construction may be removed if necessary for grading. All other trees shall be protected from damage.
 - All areas disturbed during construction within Reserves C, D, E, within the Richard Savina exception, and in City View street R/W shall be seeded, mulched, and fertilized as follows (Permanent Seeding) unless otherwise noted:

Seed: Kansas Premium Fescue Blend: 10 lbs./1000 sq. ft.
Mulch: Prairie Hay: 2 tons/acre
Fertilizer: 12-24-12: 850 lbs./acre
- All costs associated with seeding, mulching, and fertilizing shall be included in bid item "Project Seeding." All seeding operations shall conform to City of Wichita Standard Specifications.
- All other areas disturbed during construction shall be seeded at 300 lbs./acre with Rye Grass and mulched with prairie hay at 2 tons/acre immediately following construction in that area unless otherwise noted. Contractor shall prepare ground per City Specifications.



EARTHWORK TOTALS		
	CY EXC	CY FILL
Mass Grading	99,546	184,939
Pond 1	10,768	0
Pond 2	31,289	0
Pond 3	44,466	0
Pond 4	2,678	0
PONDS	89,201	0
GRAND TOTAL	188,747	184,939

		AUBURN HILLS 16TH ADDITION	
		POND #4	
Baughman Company, P.A. 315 S. 11th St., Wichita, KS 67211 F316362721 F316362749		ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 468-84092	DESIGN AEG	DRAWN RDM	DATE 03/08/2006
REVISIONS	APPROVED	SCALE NOTED	SHEET 10 OF 47
AUBURN HILLS 16TH SWD/POND #4			