

Install 1,132 S.Y. Curlex II, or approved equal to be paid for as bid item "Erosion Control Mat". Erosion control mat shall be installed and anchored per manufacturer's specifications. Note: This quantity does not include excess material necessary for overlap and anchoring.

Static Water Surface Elev. = 1346.00
100 yr Static Water Surface Elev. = 1350.40

Install 365 S.Y. 6"-9" rip-rap per detail, this sheet.

Construct pond per detail, this sheet.

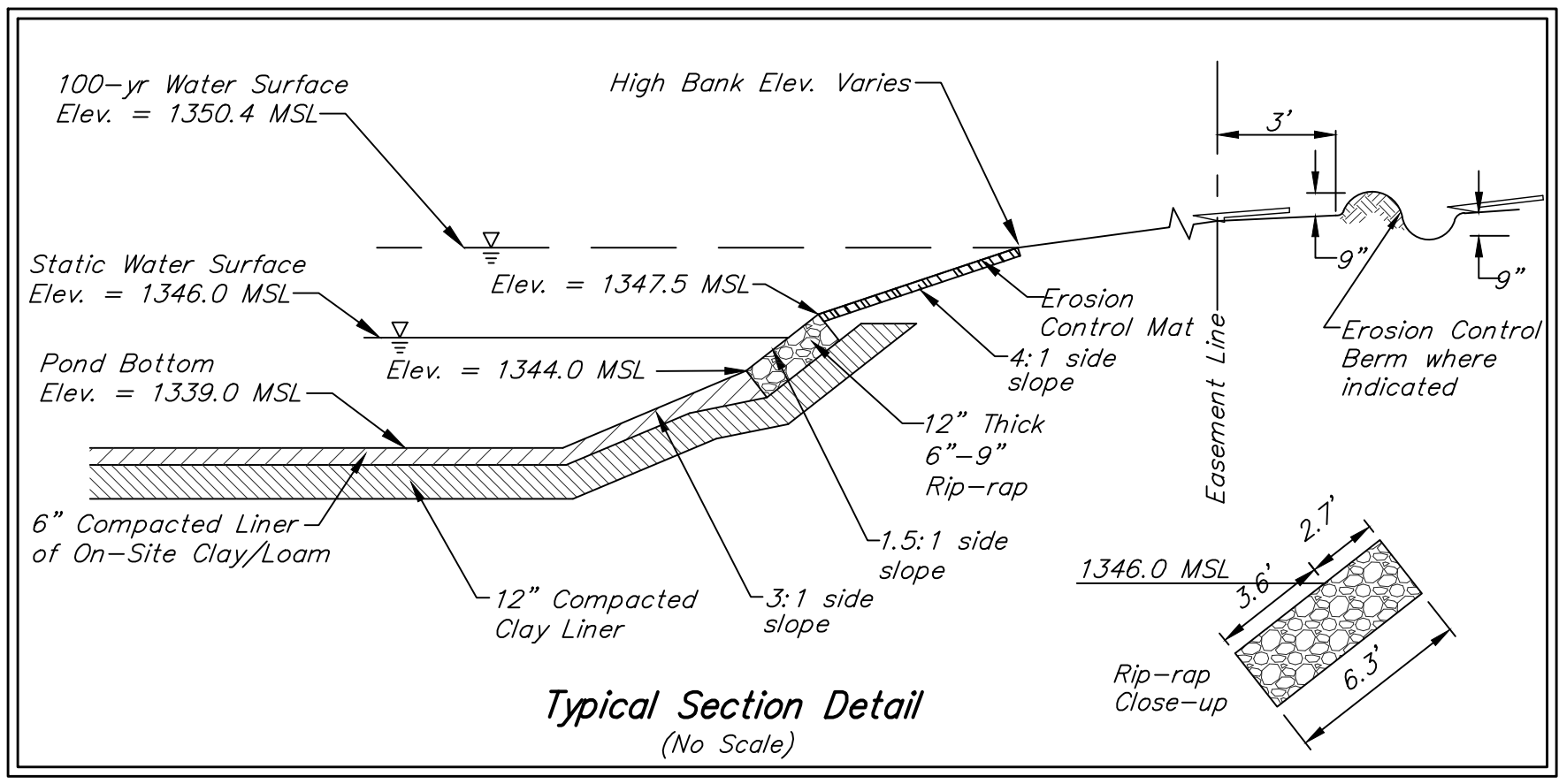
Construct 150 L.F. erosion control berm per detail, this sheet.

NOTES:

- 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 Restoration". Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Excavation, Unclassified".
- Soil Reports are available from the Engineer upon request.
- All areas disturbed within Central Ave. and Jackson Heights R/W's and Reserve "C" above the static water surface shall be seeded and mulched as follows: (Permanent Seeding)
SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.
Rye grass (PLS)--2#/1000 Sq. Ft.
FERTILIZER -- 12-24-12 Ratio at 350 Lbs./Ac.
MULCH -- 2 Tons Prairie Hay / Acre

All other disturbed areas not in street R/W are to be seeded as follows: (Temporary seeding)
SEED -- Rye grass (PLS)--8#/1000 Sq. Ft.

Total Disturbed Area to be Seeded: 43,717 S.Y. (For Information only)
- Install Erosion Control Mat (Curlex II or approved equal) from top of rip rap protection surface to top bank. To be paid for as bid item "BMP, Erosion Control Mat".
- Contractor to strip top 3" of soil within Res. "C" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserve "C" above water elevation prior to seeding.
- Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas.



- Erosion Control Mat
- 1357 - Existing Contours
- 1357 - Proposed Contours

	FRONTGATE ADDITION	
	POND PLAN	
STORM WATER DRAIN #387		
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE		
PROJECT NUMBER 468-84880	DESIGN AEG	DRAWN TMS
REVISIONS:	APPROVED DATE 5/16/13	SCALE Noted SHEET
		17 OF 24