

BENCHMARK:  
 City Disc - Maize Road & McCormick  
 (Hidden Valley) 0.5 MI. South of Maple  
 on the NE Corner of R.C.B.C Over  
 Cowskin Creek, South of Hidden Valley  
 Elev. = 1318.93 City Datum (1318.93  
 NGVD29)

SCALE:  
 1" = 20' HORIZONTAL  
 1" = 5' VERTICAL  
 • = IRON

Pond shall be adjusted in the field to miss first row of perimeter trees on the south and west sides. Excavation quantities are based on proposed contours. Pond may be reduced as needed to save trees.

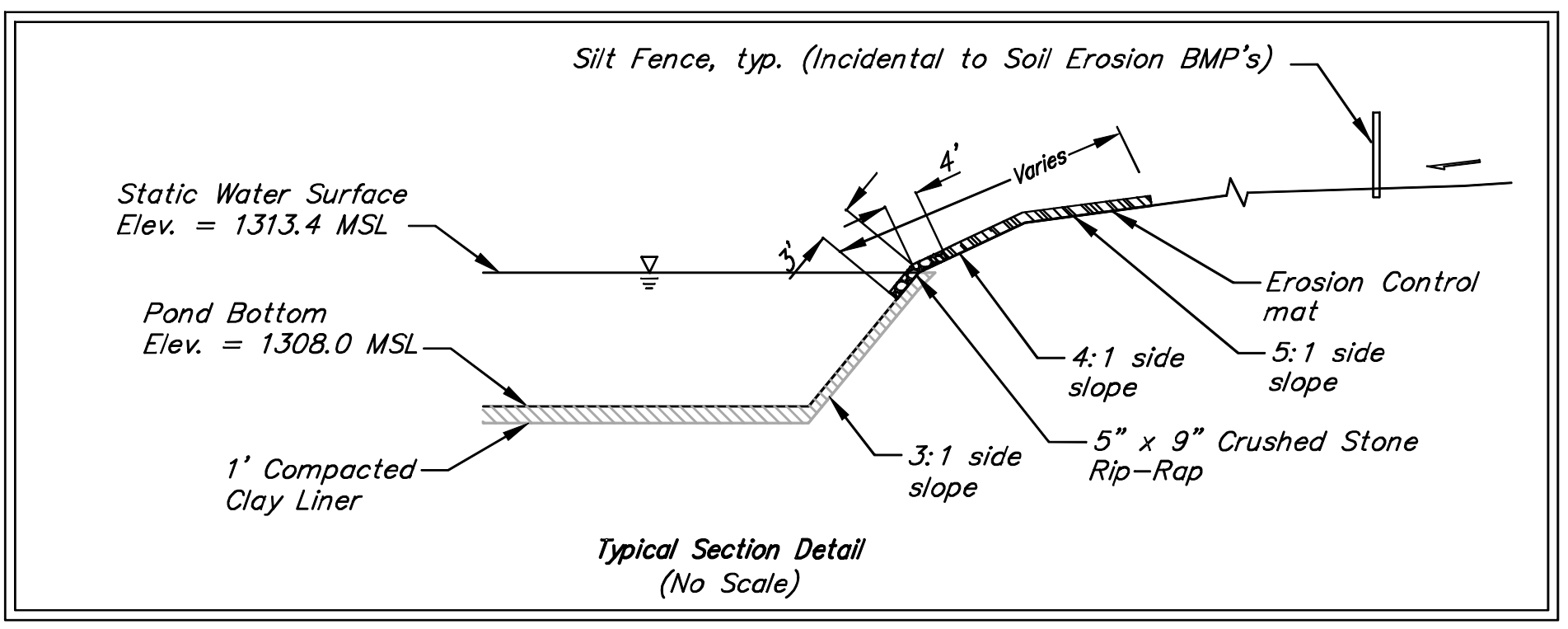
Shed, light pole and landscaping material to be removed by others prior to construction.

Install 440 S.Y. 5"x9" Crushed Stone rip-rap. See detail, this sheet.

Construct pond 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 Clearing & Restoration". Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Mass Grading."
- All of Reserve "B" & "C" above the static water surface and within Maize Rd. R/W shall be seeded and mulched as follows: (Permanent Seeding)  
 SEED -- Kansas Premium Fescue Blend; 8g/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)--5g/1000 Sq. Ft. and Kansas Premium Fescue Blend; 5g/1000 Sq. Ft.  
 Contractor shall prepare ground per City Specifications. All seeding operations shall conform to City of Wichita Standard Specification. All cost associated with seeding, mulching and fertilizing shall be included in bid item "Project Seeding".
- Install Erosion Control Mat (Curlx II or approved equal) from 1' below the water surface to Reserve Limits.
- Contractor to strip top 3" of soil within Res. "B" & "C" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserve "B" & "C" above water elevation prior to seeding.
- Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas.
- Any excess excavation shall be stockpiled on-site at an area indicated by the Engineer out of easements and R/W.



**POND DATA:**  
 STATIC POOL ELEVATION: 1313.4 MSL  
 BOTTOM ELEVATION: 1308.0 MSL  
 100 YEAR DESIGN WATER SURFACE: 1316.0 MSL

Install 1,980 S.Y. Curlx II Erosion Control Mat, or approved equal. 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.

**EARTH WORK TOTALS**

	C.Y. Excavation	C.Y. Fill
Mass Grading	8,121	63
Pond 1 Construction	5,026	203
Pond 2 Construction	7,265	65
Total	20,412	331

Earthwork quantities are for reference only. All cost associated with mass grading, Pond 1 and Pond 2 construction shall be incidental to lump sum bid item "Mass Grading".

**Baughman** Lillie 2nd Addition  
**Pond 2**  
 Storm Water Drain Improvements

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 468-84208	DESIGN MWS	DRAWN MWS
REVISIONS:	APPROVED	DATE 08/07
	SCALE Noted	SHEET

**5 OF 15**

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