

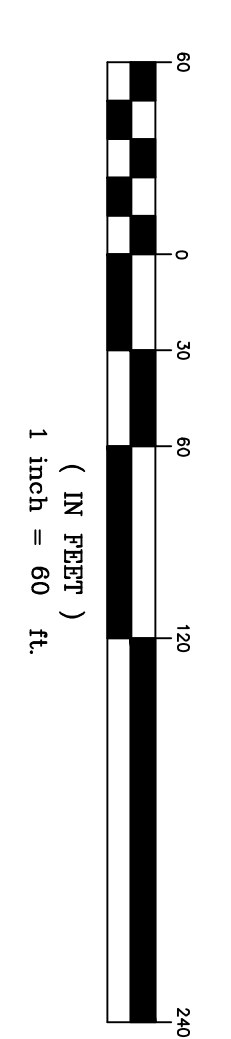
Construct 450# V-bottom swale with minimum channel slope of 0.40% to detention pond. Side slope of channel to be a minimum slope of 1:4 to existing grade.

Install 10'-x-30" of Rip-Rap at outfall of swale. Install Rip-Rap to base of embankment per COW Specs.

Install 7' wide Conc. Weir Structure. See details. Install 25 sq. yards Rip-Rap downstream of Weir Structure. Install per City of Wichita Construction Specs.

Pond Construction Note:
 Pond shall be lined with existing impermeable soil and/or mixed with Bentonite to ensure sealed pond base and embankment to the minimum elevation of 1351.00. Pond liner to be tested by Geotechnical engineer to verify pond impermeability. Embankment and berm to be seeded with Fascue(6lbs/1000sf) / Ryel(3lbs/1000sf) blend with 10-20-10 fertilizer (350lbs/acre). Pond shall be seeded within 2 weeks of excavation.

Benchmark:
 7" cut N. top of curb,
 N. median of access road.
 Elev. 1360.60



**Davis-Moore Mazda
 Pond Details
 Wichita, KS**

PROJECT NUMBER		PPS 1762 607861	
REQ. NO.	FILE	DATE	SHEET
00133	pond detail	03/07	10
DESIGN	DRWN	REVS'D	OF
KM	KM	05/21/07	10

