



Regions to  
**MasterCard**  
 of Rain, Missouri  
 Prepared for  
**MasterCard International**  
 Client location  
 Contact Number:  
 HELMUTH, OBATA & KASSABAUM, P.C.

**NYC**  
 620 Avenue of the Americas  
 New York, New York 10101-1163  
 Tel: 212-512-2000, 212-685-1163  
 Fax: 212-512-2000

**STL**  
 211 North Broadway, Suite 600  
 St. Louis, Missouri 63102  
 Tel: 314-421-0200, 314-421-8073  
 Fax: 314-421-0200

**MAZZETTI & ASSOCIATES**  
 530 BISH STREET  
 SAN FRANCISCO, CA 94108-3623  
 Tel: 415-362-3266, Fax: 415-362-3267

**EDM Incorporated**  
 STRUCTURAL & CIVIL ENGINEERS  
 220 Madison House Center  
 St. Louis, MO 63102-1902  
 Tel: 314-231-5465, Fax: 314-231-8167

**CONSULTANT ABC**  
 CONSULTANT ABC

Issue	Date	Description	Drawn	CHK
1	11-13-88	PRELIMINARY	DM	DM
2	1-13-89	REVISED PERMIT	DM	DM
3	2-17-89	REVISED PERMIT	DM	DM
4	4-14-89	DIGGERS CHECK	DM	DM
5	5-1-89	CITY COMMENTS	DM	DM
6	7-1-89	ISSUED FOR CDS	DM	DM
7	10-1-89	ADDENDUM 3	DM	DM

Area	Acres	Vol.	Basin Elev.	Pipe Dia.	No. Pipes	Pipe Ft.	Min. Slope
A1	1.0	400	556	12	1	557	1.00%
A2	4.0	1600	550	15	1	551	1.50%
A3	6.0	2400	551	15	2	552	1.00%
A4	6.4	2560	544	15	2	545	1.00%
A5	7.4	2960	557	15	2	558	1.50%
A6	4.0	1600	536	15	1	537	1.50%

**CONSTRUCTION DOCUMENT**  
 Date: 10/11/89  
 Project Code: 0001  
 Drawn: DM  
 Checked: DM  
 CAD File: 09.01W

Scale: 1" = 50'  
 EROSION CONTROL PLAN

Drawing Number: **C.9**



**LEGEND**

- PROPOSED NIET
- PROPOSED MANHOLE
- PROPOSED FLARED END SECTION
- 12" ST
- FUTURE STORM GUTTER
- TEMPORARY STORM GUTTER
- PROPOSED CONTIGUES
- EXISTING CONTIGUES
- RETAINING WALLS
- DITCH CHECKS (STAKED STRAW BALES 100 FT APART)
- SILT FENCE
- STAKED STRAW BALES

**NOTE: (1) SEE SHEET C.7 FOR EROSION CONTROL NOTES.**

**SEDIMENTATION BASINS**

AREA	ACRES	VOL.	BASIN ELEV.	PIPE DIA.	NO. PIPES	PIPE FT.	MIN. SLOPE
A1	1.0	400	556	12	1	557	1.00%
A2	4.0	1600	550	15	1	551	1.50%
A3	6.0	2400	551	15	2	552	1.00%
A4	6.4	2560	544	15	2	545	1.00%
A5	7.4	2960	557	15	2	558	1.50%
A6	4.0	1600	536	15	1	537	1.50%

**NOTE: PIPES SHALL BE RCP OR HDPE OR OTHER MATERIAL WITH MAX. n = 0.013.**