



STANDARD REACTION BLOCKING

NOM. PIPE DIA. IN.	MINIMUM CONCRETE BLOCKING (C.Y.)*				
	TEES & DEAD ENDS	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
4	1/3	1/3	1/3	1/3	1/3
6	1/3	1/3	1/3	1/3	1/3
8	1/3	1/2	1/3	1/3	1/3
10	2/3	3/4	1/2	1/3	1/3
12	3/4	1.0	2/3	1/3	1/3
14	1.0	1 1/2	3/4	1/2	1/3
16	1 1/3	2.0	1.0	1/2	1/3
18	1 2/3	2 1/3	1 1/3	2/3	1/3
20	2.0	3.0	1 2/3	3/4	1/2
24	3.0	4 1/3	2 1/3	1 1/3	2/3

*CONCRETE SHALL BE 3000 P.S.I. MIX.
 NOTES:
 1. CONCRETE SHALL COVER BOLTS OR GLANDS.

APPROVED
 3/30/98 TER
 7-13-98 TER
 7-14-98 TM

APPROVED
 TER 10/24/97
 TM 10-24-97

THOMPSON and ASSOCIATES, P.A.
 5821 HOLLY SPRINGS ROAD
 RALEIGH, NC 27606
 TEL: 919 851-1709
 FAX 919 859-2143

UTILITY DETAILS
BUFFALOE LANES
 OWNER: JOHN BUFFALOE

DATE: 4-25-97	SURVEYED BY: OTHERS	JOB: BJ-BOWL	CARY TOWNSHIP	TOWN OF CARY
SCALE: 1" = 50'	DRAWN BY: RLM	DWG. NO. BL-UP	WAKE COUNTY	NORTH CAROLINA
REVISIONS:		ZONED: B-2	BM 1993-1398	P.I.N. 0763.05-09-3635