

CARRY PUMPS

REFERENCE CHART

ACRES DRAINED

% SLOPE DRAINAGE CO-EFFICIENT		GPM	x	ACRES	=	TOTAL GPM
1/4"	=	4.70	x	25	=	117.50
1/4"	=	4.70	x	50	=	235.00
1/4"	=	4.70	x	75	=	352.50
1/4"	=	4.70	x	100	=	470.00
1/4"	=	4.70	x	125	=	587.50
1/4"	=	4.70	x	150	=	705.00
1/4"	=	4.70	x	175	=	822.50
1/4"	=	4.70	x	200	=	940.00

% SLOPE DRAINAGE CO-EFFICIENT		GPM	x	ACRES	=	TOTAL GPM
3/8"	=	7.07	x	25	=	176.75
3/8"	=	7.07	x	50	=	353.50
3/8"	=	7.07	x	75	=	530.25
3/8"	=	7.07	x	100	=	707.00
3/8"	=	7.07	x	125	=	883.75
3/8"	=	7.07	x	150	=	1,060.50
3/8"	=	7.07	x	175	=	1,237.25
3/8"	=	7.07	x	200	=	1,414.00

% SLOPE DRAINAGE CO-EFFICIENT		GPM	x	ACRES	=	TOTAL GPM
1/2"	=	9.43	x	25	=	235.75
1/2"	=	9.43	x	50	=	471.50
1/2"	=	9.43	x	75	=	707.25
1/2"	=	9.43	x	100	=	943.00
1/2"	=	9.43	x	125	=	1,178.75
1/2"	=	9.43	x	150	=	1,414.50
1/2"	=	9.43	x	175	=	1,650.25
1/2"	=	9.43	x	200	=	1,886.00

% SLOPE DRAINAGE CO-EFFICIENT		GPM	x	ACRES	=	TOTAL GPM
3/4"	=	14.14	x	25	=	353.50
3/4"	=	14.14	x	50	=	707.00
3/4"	=	14.14	x	75	=	1,060.50
3/4"	=	14.14	x	100	=	1,414.00
3/4"	=	14.14	x	125	=	1,767.50
3/4"	=	14.14	x	150	=	2,121.00
3/4"	=	14.14	x	175	=	2,474.50
3/4"	=	14.14	x	200	=	2,828.00

% SLOPE DRAINAGE CO-EFFICIENT		GPM	x	ACRES	=	TOTAL GPM
1"	=	18.86	x	25	=	471.50
1"	=	18.86	x	50	=	943.00
1"	=	18.86	x	75	=	1,414.50
1"	=	18.86	x	100	=	1,886.00
1"	=	18.86	x	125	=	2,357.50
1"	=	18.86	x	150	=	2,829.00
1"	=	18.86	x	175	=	3,300.50
1"	=	18.86	x	200	=	3,772.00

