D = DIAMETER OF PIPE  
R = RISE OF PIPE  
S = SPAN OF PIPE  
T = THICKNESS OF PIPE  
L = LENGTH OF HEADWALL  
H = HEIGHT OF HEADWALL

NOTES:
- NO. 1 HEADWALL WHERE REQUIRED WILL BE PROVIDED FOR NO SKewed CULVERTS HAVING A DIAMETER OR RISE OF 36" OR LESS.
- CONCRETE SHALL BE CLASS "C".
- REINFORCING STEEL BARS SHALL BE 5/8 INCH ROUND.
- DIMENSIONS AND QUANTITIES ARE SHOWN FOR CIRCULAR SECTIONS ONLY. IT WILL BE NECESSARY TO DETERMINE DIMENSIONS FOR REINFORCED ELLIPTICAL CONCRETE PIPE OR CORRUGATED METAL PIPE ARCHES IN ACCORDANCE WITH THE EQUATIONS LISTED ON THIS DRAWING.
- CHAMFER ALL EXPOSED CORNERS 3/4 OF AN INCH.
- FOUNDATION WHERE TOPSOIL BORINGS INDICATE A BEARING CAPACITY OF LESS THAN 3600 POUNDS PER SQUARE FOOT, IT WILL BE NECESSARY TO INCREASE THE WIDTH OF THE BASE.