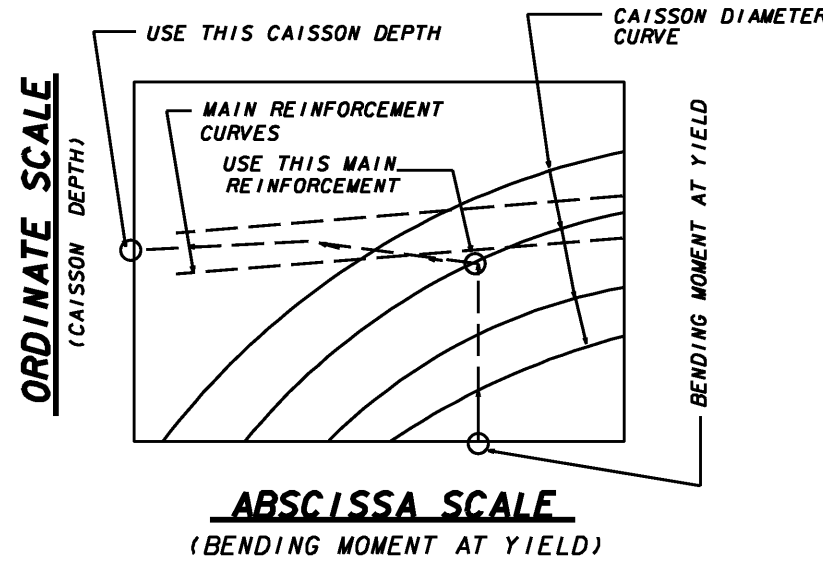
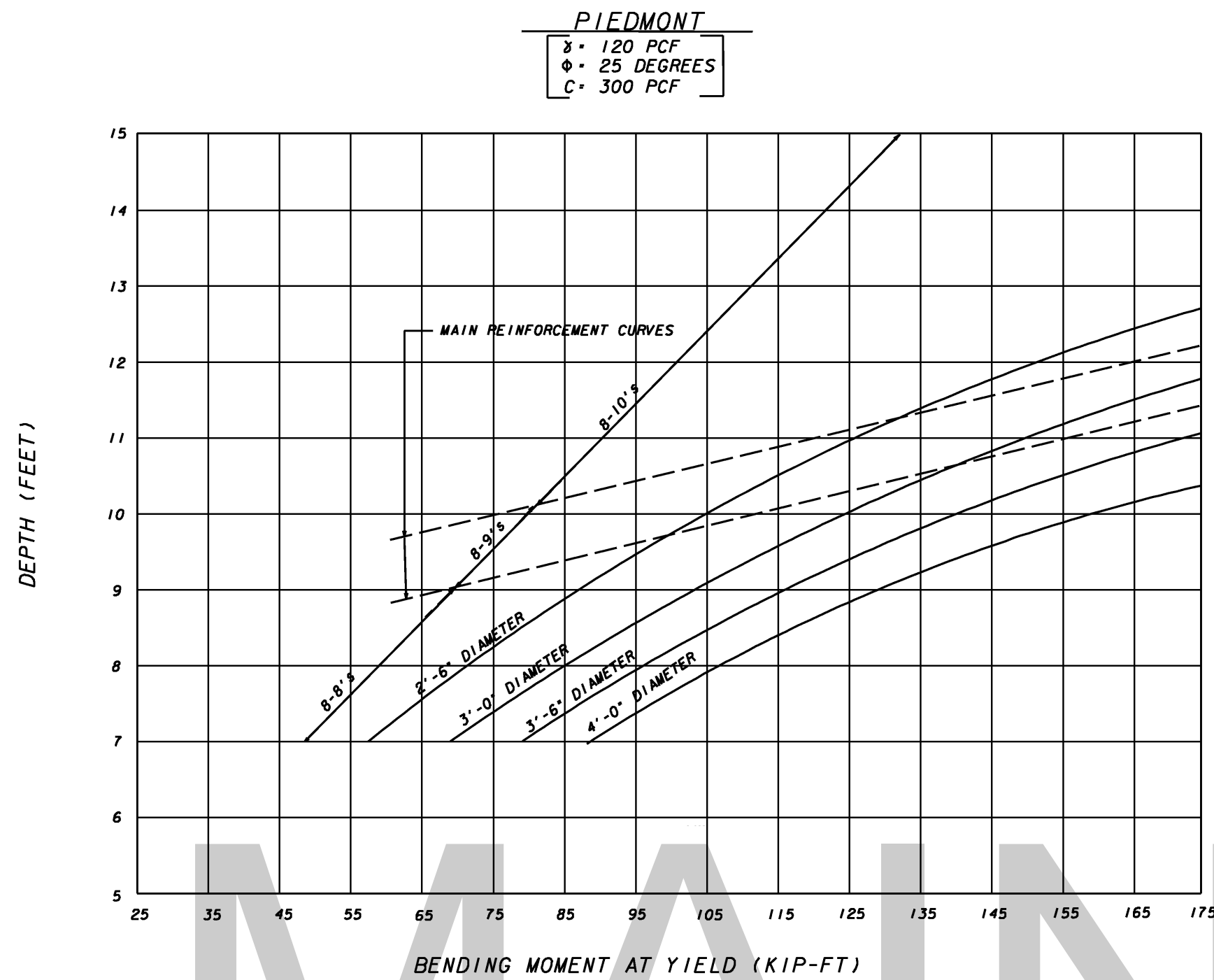
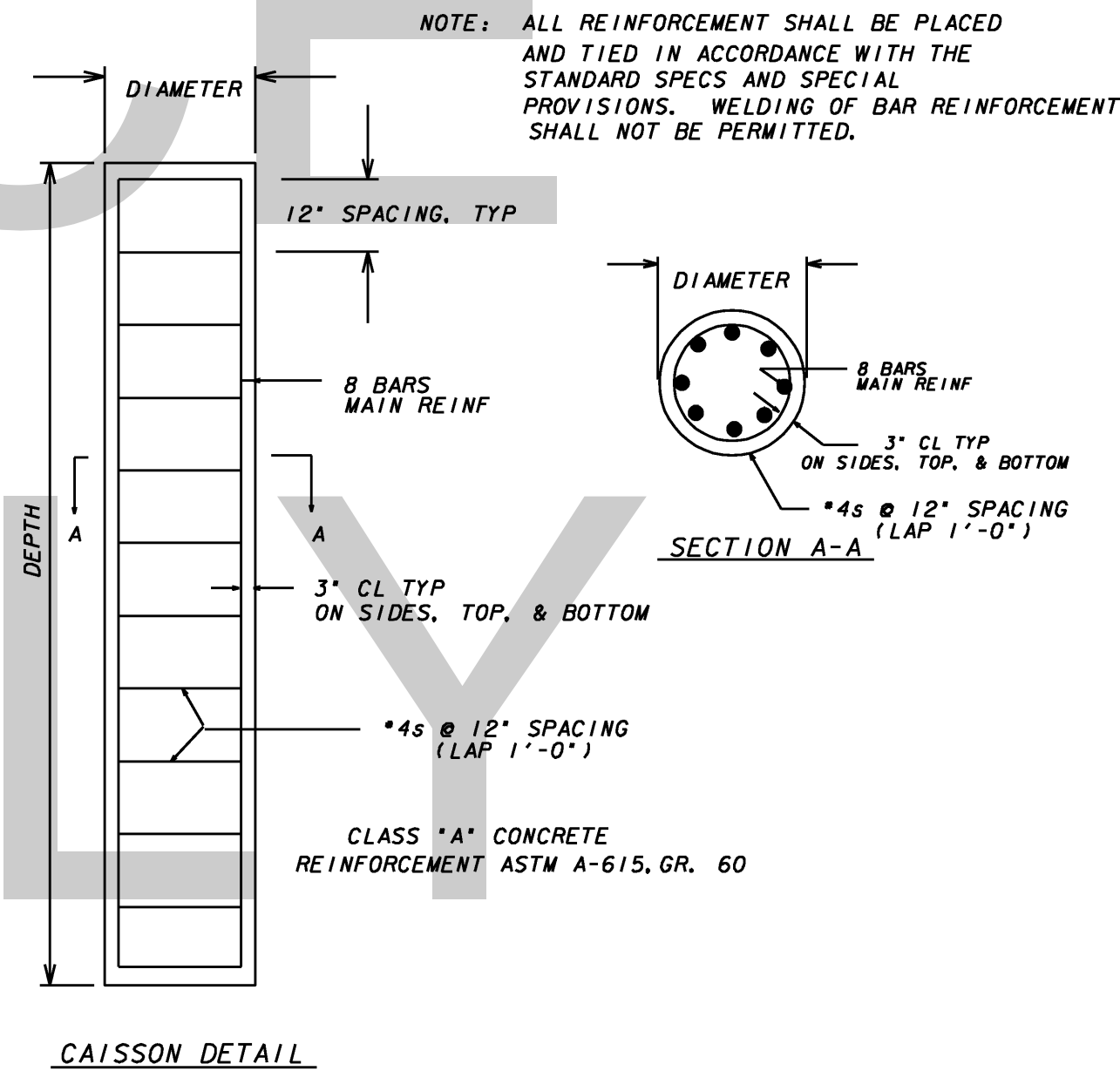
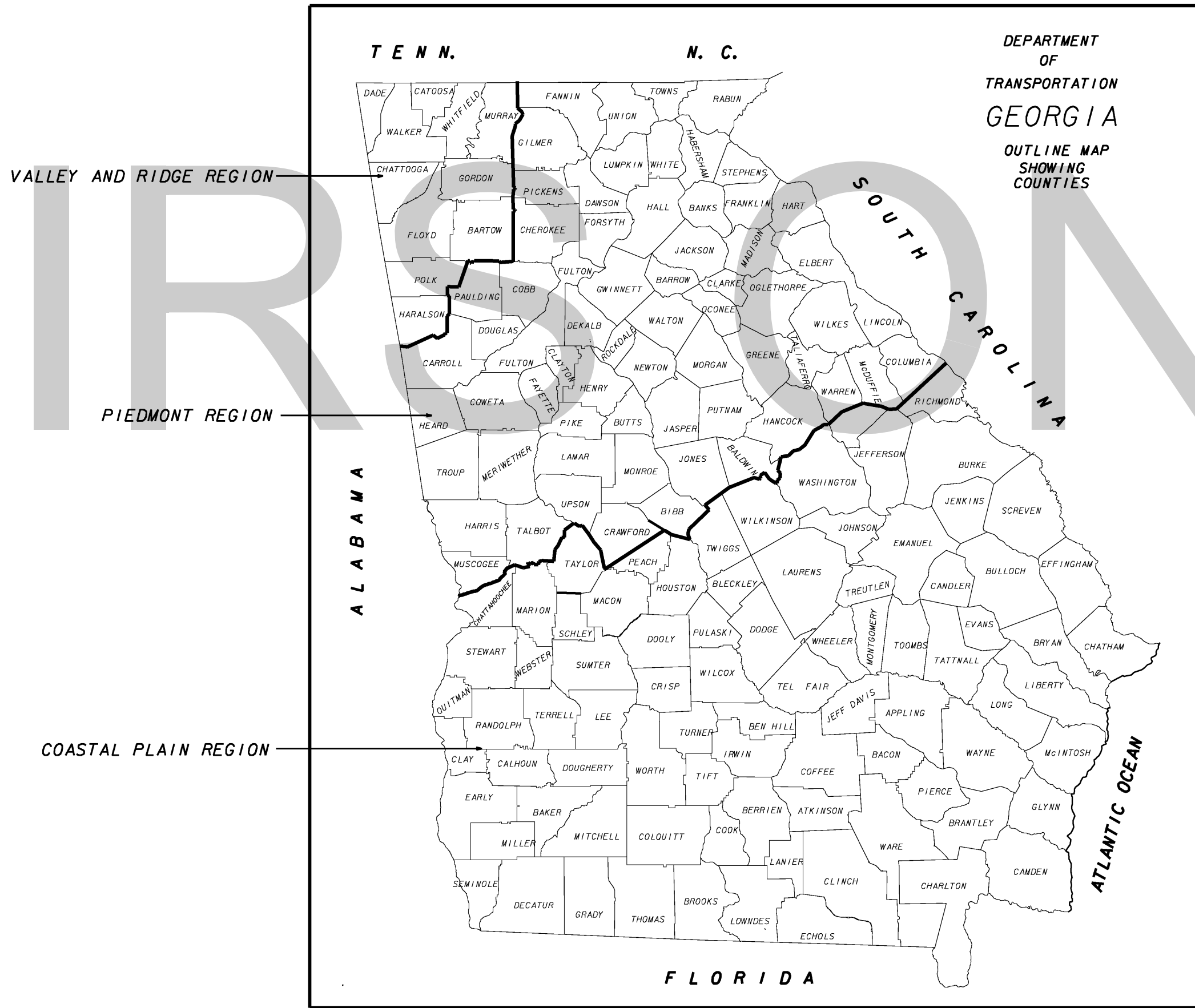
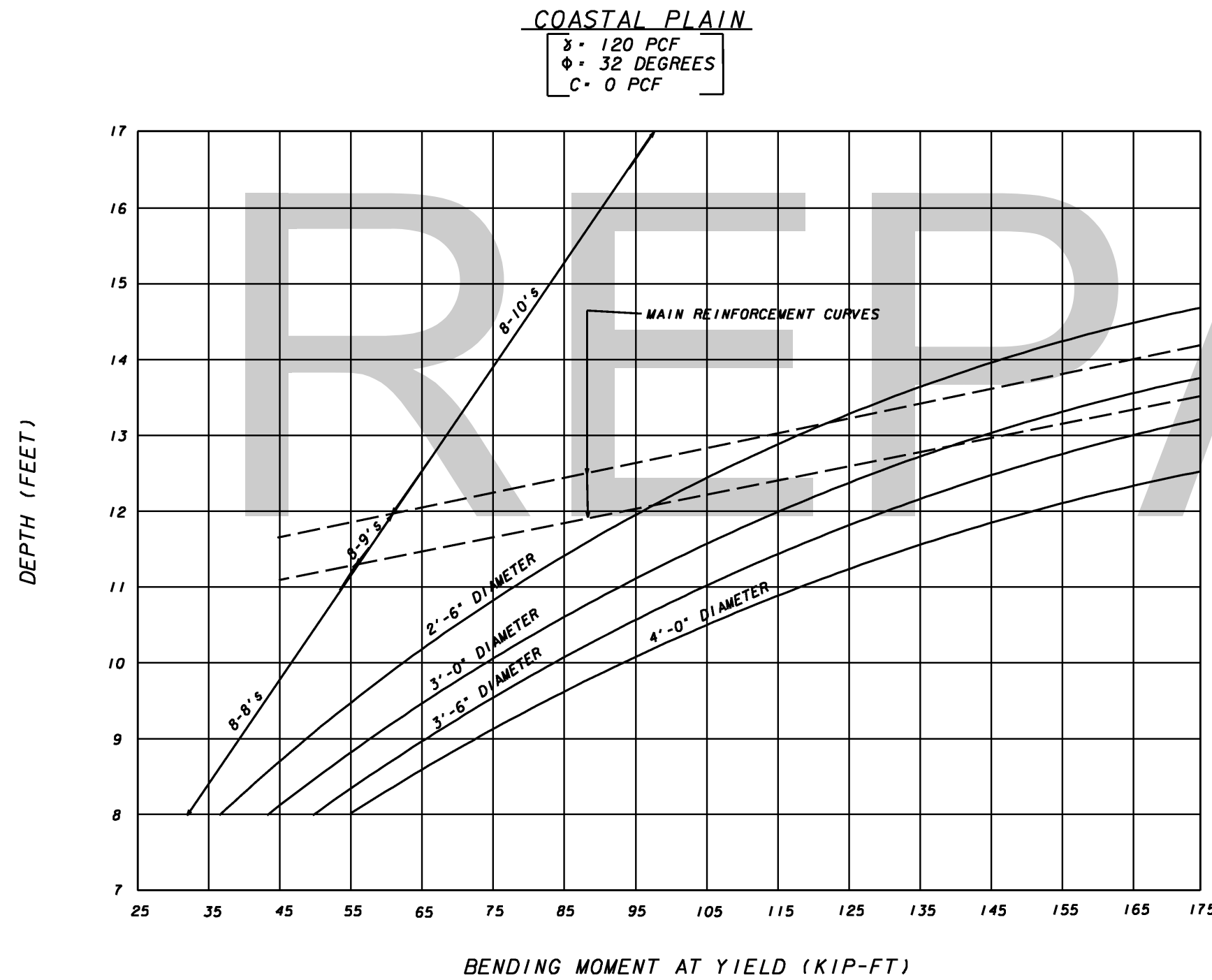
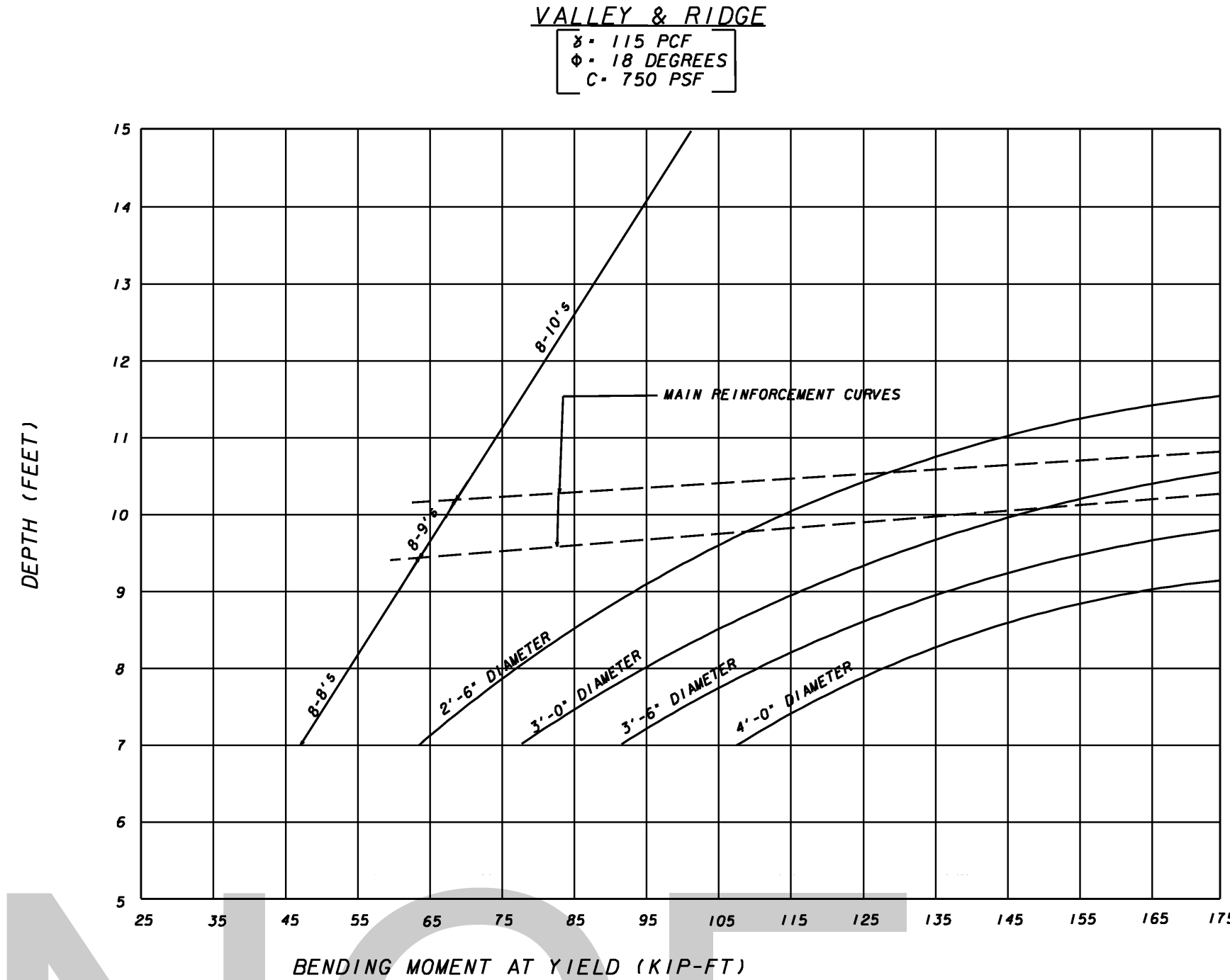




PROCEDURE TO FIND FOOTING SIZE

1. DETERMINE "BENDING MOMENT AT YIELD" FROM APPROVED SHOP DRAWINGS
2. SELECT DIAMETER OF CAISSON.
3. READ "BENDING MOMENT AT YIELD" ON ABSCISSA SCALE. PROJECT A VERTICAL LINE UPWARD UNTIL THE DESIRED "CAISSON DIAMETER CURVE" IS INTERSECTED. TURN 90 DEGREES AND PROJECT A HORIZONTAL LINE UNTIL THE ORDINATE SCALE IS INTERSECTED.
4. READ THE REQUIRED "CAISSON DEPTH" FROM THE INTERSECTION POINT ON THE ORDINATE SCALE DEPTH SHALL BE INTERPOLATED TO THE NEAREST 3 INCH INCREMENT.
5. READ THE REQUIRED "MAIN REINFORCEMENT SIZE" FROM THE INTERSECTION POINT ON THE CAISSON DIAMETER CURVE.



			04/28/2021	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
				REVISION DESCRIPTION	TRAFFIC SIGNAL DETAIL DETAILS OF STRAIN POLE AND MAST ARM FOUNDATIONS
				REV. BY:	DETAIL NUMBER
					APRIL 2010 TS-06
					NOT TO SCALE - REPORT ERRORS