[redacted]

BEARINGS LOADINGS (KIPS)				PLATE DIMENSIONS FOR [redacted] BEARINGS (INCHES)					PLATE DIMENSIONS FOR [redacted] BEARINGS (INCHES)				
				CONCAVE PLATE		CONVEX PLATE	OVERALL HEIGHT		CONCAVE PLATE		CONVEX PLATE	OVERALL HEIGHT	
							EXPAN	FIXED				EXPAN	FIXED
MAXIMUM VERTICAL LOAD	MINIMUM DEAD LOAD	LONG. LOAD	TRANS LOAD	A	RADIUS	B	C	C	A	RADIUS	B	C	C
[redacted]													

NOTES

1. MINIMUM SOLE PLATE WIDTH MUST BE EQUAL TO "A" PLUS [redacted] FOR EXPANSION-GUIDED (PLUS 1" FOR FIXED) AND ALSO WIDER THAN BEAM FLANGE BY [redacted] TO ACCOMMODATE DOWN HAND WELDING.
2. MINIMUM SOLE PLATE LENGTH MUST BE EQUAL TO MASONRY PLATE LENGTH.
3. MINIMUM FREE EXPANSION SOLE PLATE WIDTH MUST BE EQUAL TO "A" PLUS [redacted] PLUS MAXIMUM EXPANSION AND WIDER THAN BEAM FLANGE BY [redacted] TO ACCOMMODATE DOWN HAND WELDING.
4. FIXED SOLE PLATE LENGTH MUST BE EQUAL TO MASONRY PLATE LENGTH.
5. SPHERICAL RADIUS CALCULATED USING LONGITUDINAL AND TRANSVERSE LOADINGS EQUAL TO [redacted] MAXIMUN VERTICAL LOAD, A MINIMUM DEAD LOAD OF [redacted] OF THE MAXIMUM VERTICAL LOAD AND [redacted] ROTATION.
6. MASONRY PLATE LENGTH, WIDTH AND THICKNESS ARE DEPENDENT ON ALLOWABLE CONCRETE UNIT LOADING, PHYSICAL RESTRICTIONS AND BENDING MOMENTS.
7. ANCHOR BOLT SIZE AND QUANTITIES PER APPROPRIATE CODE.
8. ALL DIMENSION SHOWN ARE FOR GENERAL CONCEPT ONLY AND MAY BE MODIFIED TO MEET SPECIFIC APPLICATION PARAMETERS.

TABLE 8.6.1
SPHERICAL BEARINGS