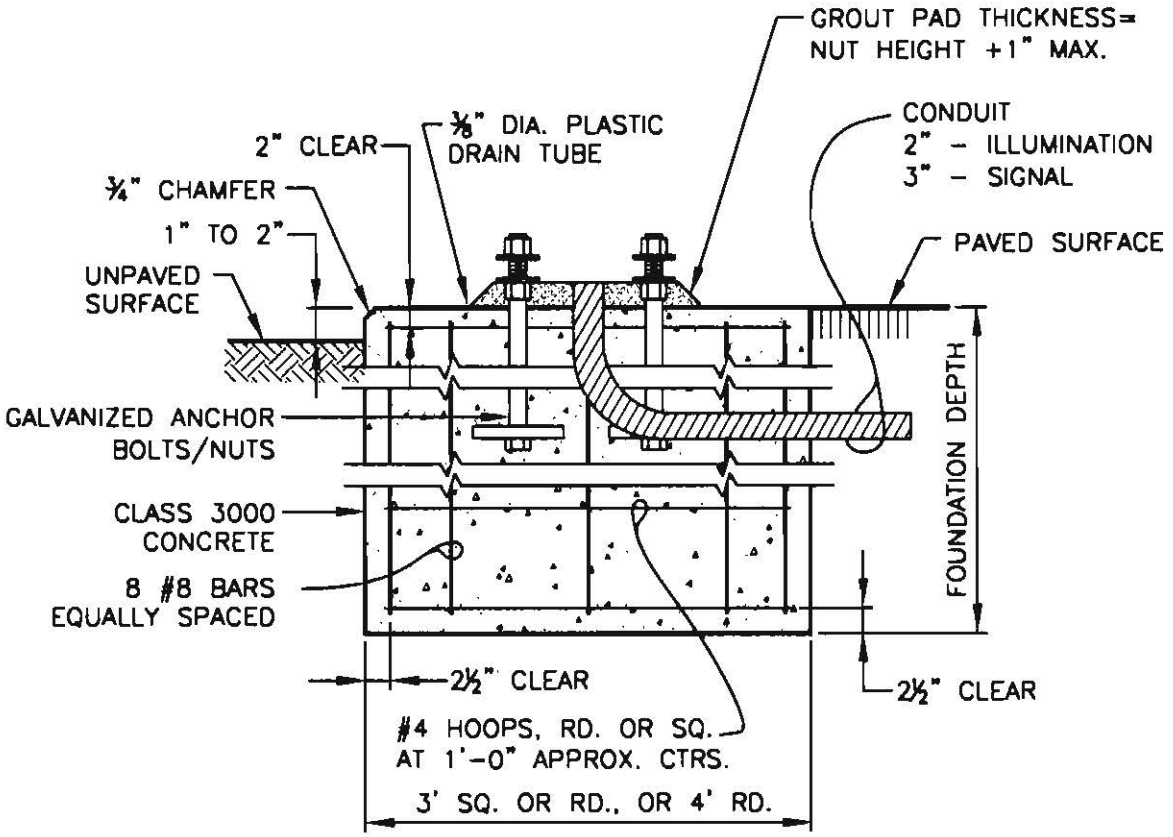

THE SIZE OF FOUNDATION FOR THE INSTALLATION OF A LUMINAIRE POLE SHALL BE 3' ROUND BY 4.5' DEEP.

FOUNDATION DEPTH TABLE (FOR INFORMATION ONLY)							
ALLOWABLE LATERAL BEARING PRESSURE (PSF)	FOUNDATION TYPE	XYZ (CUBIC FEET) TYPE II, III AND SD MAST ARM STANDARDS					
		600	900	1,200	1,500	1,900	2,300
1,000	3' ROUND	10'	10'	11'	11'	13'	15'
	3' SQUARE	8'	8'	9'	9'	10'	11'
	4' ROUND	8'	8'	9'	9'	10'	11'
1,500	3' ROUND	8'	8'	9'	11'	13'	15'
	3' SQUARE	7'	7'	7'	8'	8'	9'
	4' ROUND	7'	7'	7'	8'	8'	9'
2,500	3' ROUND	6'	6'	7'	11'	13'	15'
	3' SQUARE	6'	6'	6'	6'	7'	7'
	4' ROUND	6'	6'	6'	6'	7'	7'

THIS TABLE BASED ON A Ø VALUE OF 26°. FOR DOUBLE MAST ARM STANDARDS WITH 90° BETWEEN ARMS, USE THE LARGER XYZ VALUE FOR FOUNDATION DEPTH SELECTION. A SPECIAL FOUNDATION DESIGN IS REQUIRED FOR DOUBLE ARM STANDARDS IF THE ANGLE IS NOT 90°.

APPROVED	CITY OF BELLINGHAM	DRAWING
City Engineer — 9/15/10 Date	**FOUNDATION DETAIL**	**EL-432**