



General Notes:

- All dimensions are in inches or as otherwise stated.
- All weights are in Lbs or as otherwise stated.
- Only new material used in the manufacture of the base.
- Shaft steel pipe, seamless or straight welded to conform to latest ASTM A252, grade 3.
- Base plate, Helix and Pilot point: Structural quality steel to conform to latest CSA G40,21.
- Welding performed by shop qualified to CSA W47.1.
- All Welding conforms to latest version of CSA W59.
- All welds typical for joint type.
- Company stamp and date on cableway side of base plate, Ex. HPS MFG 07 / 07 /00.
- Base is Hot-Dipped Galvanized inside and out.
- Hot-Dipped to latest of CSA G164-M and ASTM A153.
- Ensure structure is free from galvanizing slag.

Item	Description
1	<input type="text"/> Diameter (0.365) Pipe x <input type="text"/> Shaft
2	Helix: <input type="text"/> Plate. <input type="text"/> Diameter. <input type="text"/> Pitch.
3	Base Plate: <input type="text"/> Plate x <input type="text"/> x <input type="text"/>
4	HSS <input type="text"/> x <input type="text"/> x <input type="text"/> Spike.

ULTIMATE LOAD CAPACITY OF BASE	MAXIMUM ALLOWABLE SERVICE LOAD OF BASE	B.C.D.	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'	DIM 'G'	DIM 'H'
SHEAR: 63 kip MOMENT: 50 kip-FT	SHEAR: 29 kip MOMENT: 23 kip-FT	14	14	8'-7.75'	8'-0"	1.25-7UNC-2B	1.25 DIA. X 3.5	10.75	1.25	10
SHEAR: 51 kip MOMENT: 31 kip-FT	SHEAR: 24 kip MOMENT: 14.7 kip-FT	13	13	7'-7.5'	7'-0"	1-8UNC-2B	1 DIA. X 3.0	8.625	1	8
SHEAR: 51 kip MOMENT: 31 kip-FT	SHEAR: 24 kip MOMENT: 14.7 kip-FT	11	11	5'-7.5'	5'-0"	1-8UNC-2B	1 DIA. X 3.0	8.625	1	8
SHEAR: 43 kip MOMENT: 24 kip-FT	SHEAR: 20 kip MOMENT: 11.2 kip-FT	10	10	6'-7.5'	6'-0"	1-8UNC-2B	1 DIA. X 2.5	6.625	1	6
SHEAR: 43 kip MOMENT: 24 kip-FT	SHEAR: 20 kip MOMENT: 11.2 kip-FT	10	10	5'-7.5'	5'-0"	1-8UNC-2B	1 DIA. X 2.5	6.625	1	6

THE MAXIMUM LOADS STATED ON THIS DRAWING ARE BASED ON A LIFE SPAN USING 4X10⁶ CYCLES OF APPLIED LOADING



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DWG TITLE

Generic Street Light Base with Single Helix

DWG NO.

GENERIC SLB

DRAWN BY

GJC

REV

1

SCALE

NTS

SIZE

8 1/2" X 11"

SHEET

1/1

DATE

Jul. 29, 2007