

OX



THE OXFORD SERIES

OF CONCRETE POLES



UTILITY STRUCTURES INC.

OXFORD SERIES

PHYSICAL DETAILS

- Straight non-tapered (rounded edge) symmetrical cross section.
- Standard mold, etched, exposed or polished finishes are available in a variety of colors.
- Available in heights from 10 feet to 25 feet above grade.
- Will accept a variety of luminaire mounting styles.

STANDARD FEATURES

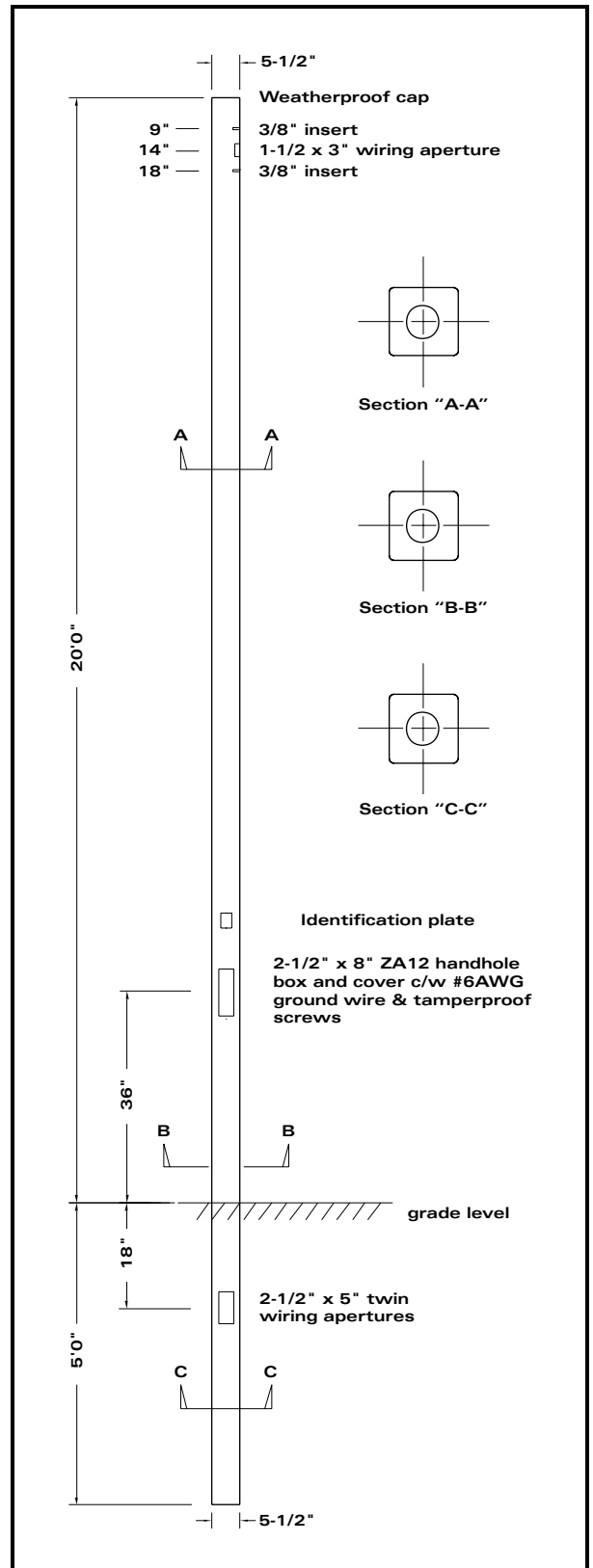
- Pole adapts to fit most fixtures and accessories. Refer to the fixture mount options section for typical details.
- 2 1/2" x 8" standard handhole box is cast into pole at 36" above grade. Box and coverplate are both high density ZA12 Zinc Alloy material.
- Stainless steel coverplate screws with various drives in either Robertson #3, Allen key, or Tamperproof.
- Ground feature of either an external ground lug or an internal copper ground wire. Various sizes/gauges are available.
- Zinc inserts in 1/4", 3/8", 1/2", 5/8" or 3/4" are available.
- Above and below grade wiring apertures are available in a number or various sizes. 1 1/2" x 3" is typical for above grade, and 2 1/2" x 5" is typical for below grade.
- Through holes for arms, fixtures, and accessories are available in a variety of diameters. 1/2", 3/4" and 1" are typical.

INSTALLATION DETAILS

- Pole is generally directly buried in the ground, eliminating the need for the more costly base mounted design.
- A galvanized steel base plate is optional. Refer to our option and accessories section for details regarding this option.
- A good rule of thumb for burial depth is 10% of pole length plus 2 feet.
- In most cases the native material can be used for backfill material. If the soil is poor or there are heavy loads on the poles, select backfill may be required. Refer to the technical data sheets.



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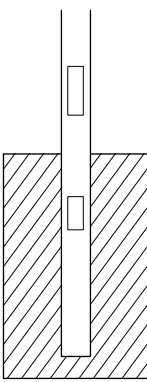
CLASS OF POLE	POLE CATALOGUE NUMBER	POLE HEIGHT ABOVE GRADE (ft.)	POLE TIP DIMENSION (in.)	POLE BUTT DIMENSION (in.)	ULTIMATE GROUND LINE MOMENT (ft.lbs.)	NOMINAL POLE WEIGHT (lbs.)
AL	OX-150-AL-1-PG-20	11	5 1/2	5 1/2	5400	475
	OX-200-AL-1-PG-20	16	5 1/2	5 1/2	8400	735
	OX-250-AL-1-PG-20	20	5 1/2	5 1/2	10800	990
	OX-300-AL-1-PG-20	25	5 1/2	5 1/2	13800	1310
A	OX-150-A-1-PG-20	11	5 1/2	5 1/2	5400	475
	OX-200-A-1-PG-20	16	5 1/2	5 1/2	8400	735
	OX-250-A-1-PG-20	20	5 1/2	5 1/2	10800	990
	OX-300-A-1-PG-20	25	5 1/2	5 1/2	13800	1310

NOTES: This chart outlines typical heights and class of poles for this style. Other sizes are available upon request. Pole height above grade based on standard burial depth of 5' 0" for normal soils. Ultimate ground line moment is calculated as follows: Height above grade minus 2 ft. times transverse bending strength. Tip and butt dimensions are measured from flat to flat.

CODE	DESCRIPTION OF OPTIONS
X	CapSeal X75 - protective sealer
B	Base Mount - galvanized steel base plate mount
S	Base Shroud - steel or aluminum base plate cover
R	GFI Receptacle - GFI receptacle and waterproof cover
A	Banner Arm - color matched aluminum banner arm
L	Ladder Rest - color matched aluminum ladder rest
C	Custom Accessory - call representative for your specific needs

CODE	DESCRIPTION OF COLOR
PG	Plain Grey
AJ	Aztec Jade
BE	Black Eclipse
DB	Dark Bronze
DS	Desert Sand
ML	Midnight Lace
OJ	Oriental Jade
SB	Seluki Bronze

DIRECT EMBEDMENT

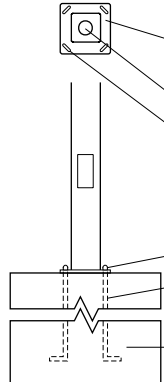


Direct Burial

1. Auger the appropriate size hole.
2. Set pole in hole and plumb straight.
3. Backfill with specified material, tamping every 6".

Note: Generally the native material can be used for backfill. Depending on site conditions, alternative materials may be required.

BASE MOUNTED - OPTION B



- Anchor base
- Hot dipped galvanized steel baseplate 12" x 12" x 1"
- Opening for internal wiring
- Slotted openings on a 11-1/2" diameter bolt circle
- Decorative acorn nuts
- Anchor bolts 3/4" diameter x 36" long (Grade 300)
- Precast or poured in place pole base

CODE	DESCRIPTION
10	Side mounted with through bolts
20	Side mounted with inserts
30	Steel tenon post top
90	Custom mount - as per client needs

CODE	DESCRIPTION
1	Mold finish
2	Polish and acrylic applied
3	Etched and acrylic applied
4	Exposed aggregate

TYPICAL CATALOGUE NUMBER

OX -
 250 -
 AL -
 1 -
 PG -
 20

POLE STYLE Oxford
 POLE LENGTH (x10) 25'0"
 CLASS "AL"
 FINISH Mold finish
 COLOUR Plain Grey
 MOUNT Inserts



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