KNOCK-DOWN BOLLARD AND STATIONARY BOLLARD

5'-0" CLEARANCE MAX.

2 ½" RUBBER HIGH PRESSURE HOSE SECURED TO STEEL TUBE WITH A ½" HEX BOLT, WASHER AND NUT.

2 ½" x 2 ½" STEEL TUBE, 3/16" THICK. PAINT WITH 2 COATS OF PRIMER YELLOW PAINT.

SEE DETAIL A

DRILL ½" DIA. HOLE WITH ½" DIA. HEX HEAD BOLT FOR SWIVEL. TACK WELD BOTH SIDES OF BOLT.

3" x 4" x 16" LONG 3/16" THICK STEEL TUBING. PAINT ABOVE GROUND PORTION.

4" YELLOW

BOLLARD

CONCRETE FOOTING

KNOCK-DOWN BOLLARD

FRONT VIEW

#4 REBAR WELDED TO TUBING, BOTH SIDES

KNOCK-DOWN BOLLARD

SIDE VIEW

½" HEX BOLT, WASHER AND NUT. TACK WELD BOTH SIDES OF BOLT. DRILL ½" DIA. HOLE THRU POST AND SLEEVE.

½" REBAR WELDED LOOP FOR LOCK 1" DIA.

½" THICK STEEL PLATE WELDED TO TUBE

½" THICK STEEL PLATE WITH ½" R CORNERS WITH ¾" HOLE

DETAIL B

DATE: 09/22/2007

CITY OF ELK GROVE - PUBLIC WORKS

APPROVED BY:

CITY ENGINEER

10/24/2018

DRAWING NUMBER

L - 21

NOT TO SCALE