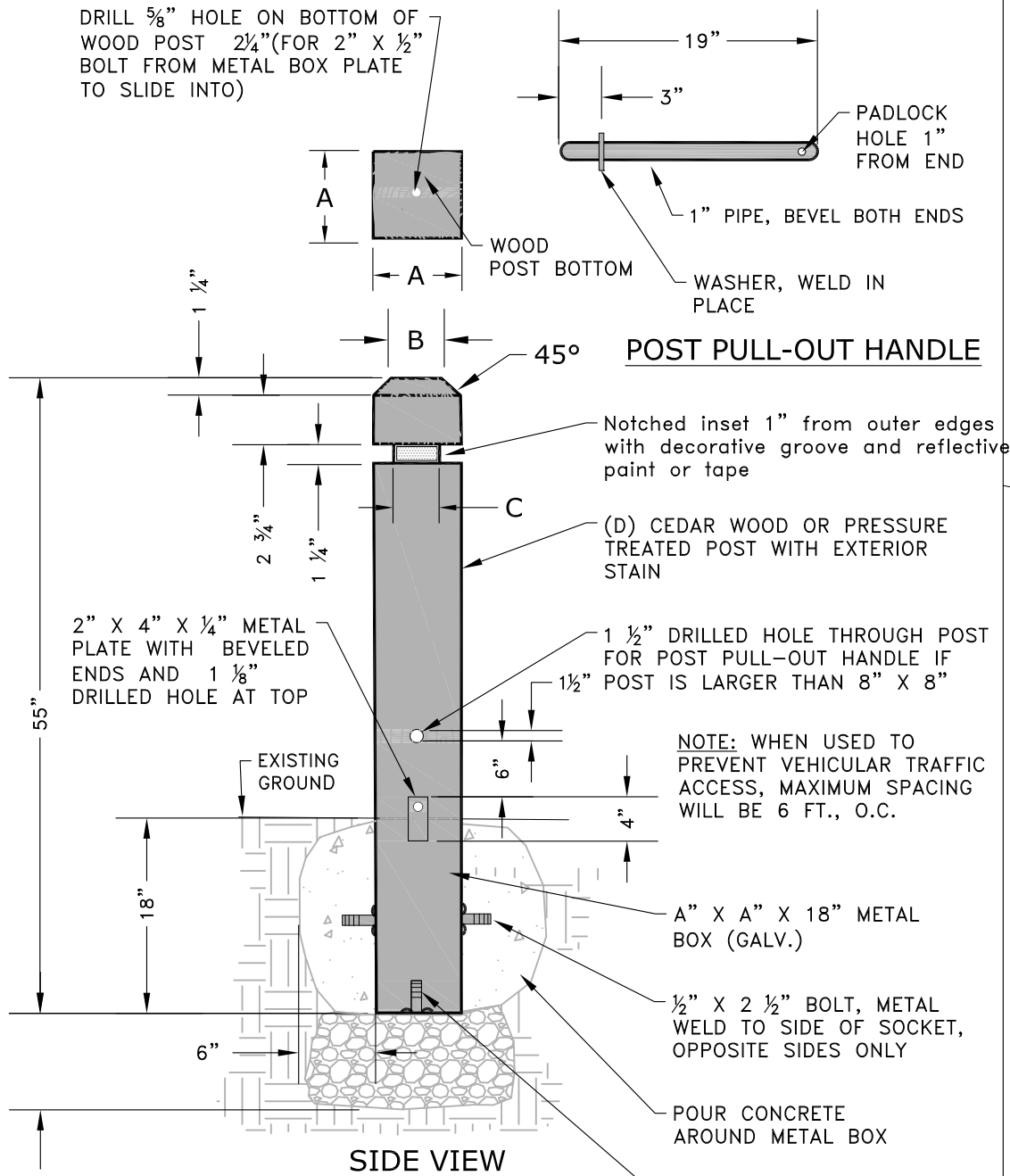


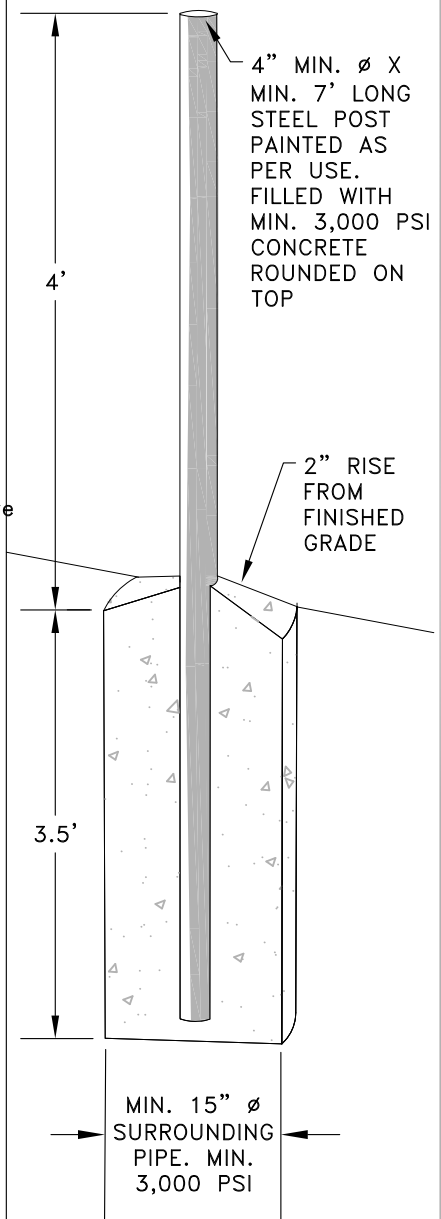
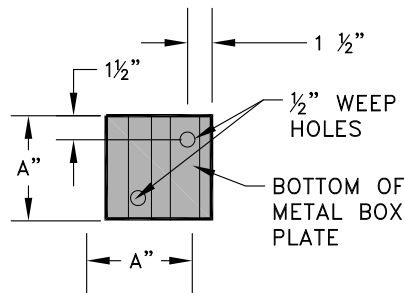
DRILL $\frac{5}{8}$ " HOLE ON BOTTOM OF WOOD POST $2\frac{1}{4}$ " (FOR 2 " X $\frac{1}{2}$ " BOLT FROM METAL BOX PLATE TO SLIDE INTO)



SIDE VIEW

Dimension Chart			
Post size nom.	A	B	C
6" X 6"	6"	3 1/2"	4"
8" X 8"	8"	5 1/2"	6"
10" X 10"	10"	7 1/2"	8"
12" X 12"	12"	9 1/2"	10"

**WOODEN BOLLARD
DETAIL**



**HYDRANT
BOLLARD DETAIL**

NOTES:

1. SPACING BETWEEN POSTS NOT TO EXCEED 4' O.C.
2. CENTER POSTS ON PROTECTED OBJECT
3. BOLLARDS SHALL BE A MINIMUM OF 3' DISTANCE FROM NEAR HYDRANT EDGE



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

BOLLARD DETAILS

S5-01

EFFECTIVE DATE: JANUARY 1, 2018

NOT TO SCALE

DRAWING NUMBER