

REMOVABLE BOLLARD

FIXED BOLLARD

## NOTE:

- 1. TIMBER SHALL BE DOUGLAS FIR, DENSE CONSTRUCTION GRADE, AND SHALL BE PRESSURE TREATED.
- 2. NUTS, BOLTS, AND WASHERS CONFORM TO ASTM A307.
- 3. ALL STEEL PIPES SHALL BE GALVANIZED.
- 4. CONCRETE SHALL BE CLASS C.
- 5. A HASP MAY BE SUBSTITUTED FOR THE CHAIN UPON APPROVAL BY THE CITY INSPECTOR.
- 6. PITCH GRADE ON FIXED BOLLARD TO DRAIN AWAY FROM POST.
- 7. BOLLARD PLACEMENT SHALL BE APPROVED BY THE DIRECTOR OR DESIGNEE.



Public Works
Planning
and
Development
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**Bollards** 

**505** 

NOT TO SCALE

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