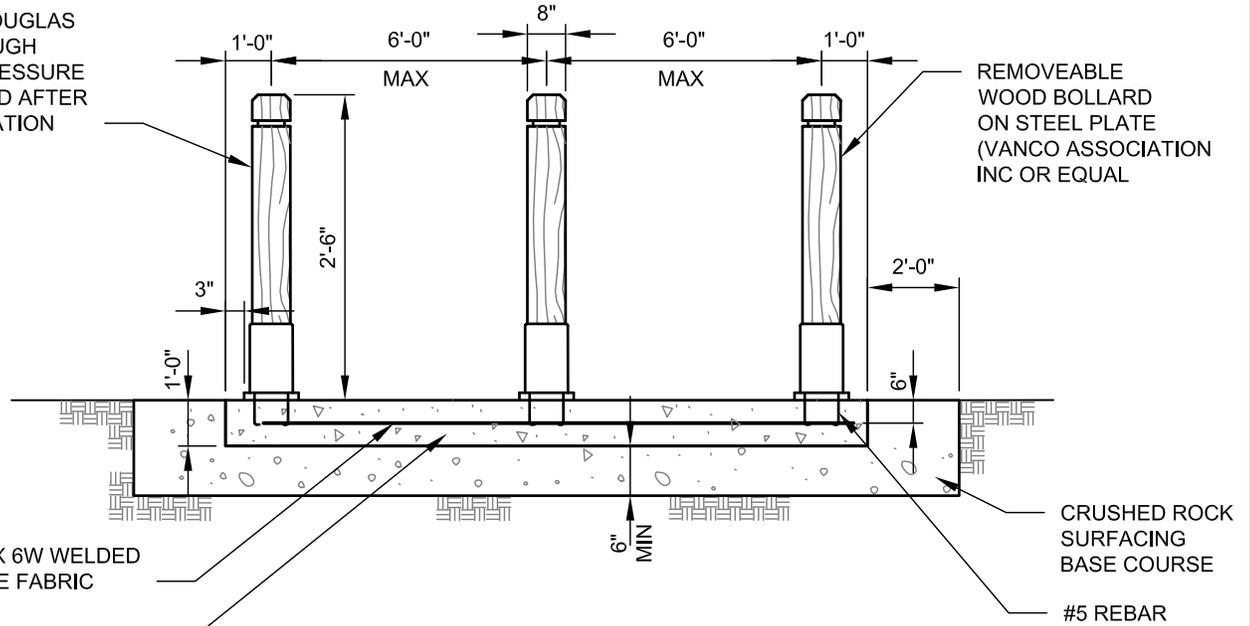


**PLAN**  
NTS

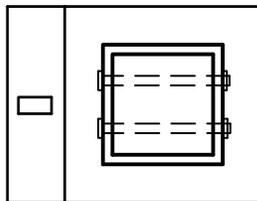
8"X8" DOUGLAS  
FIR, ROUGH  
CUT, PRESSURE  
TREATED AFTER  
FABRICATION



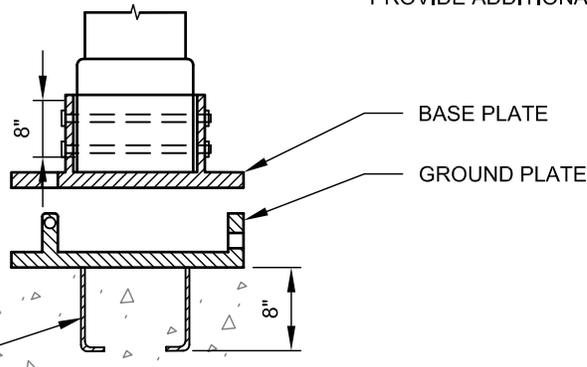
**SECTION**  
NTS

NOTE:

IF ACCESS ROAD IS WIDER THAN 14 FEET,  
PROVIDE ADDITIONAL BOLLARDS AS NEEDED.



**PLAN**



**SECTION**

**BOLLARD AND BASE PLATE**  
NTS

*Scott Thomasson*

APPROVED BY: SCOTT THOMASSON  
WATER/WASTEWATER ENGINEERING MANAGER

REVISION DATE: JULY 01, 2015



City of Redmond  
WASHINGTON

STANDARD DETAILS

**BOLLARD BARRIER FOR  
UTILITY ACCESS ROAD**

FILE NAME: SD890.DWG

DETAIL NUMBER: **890**