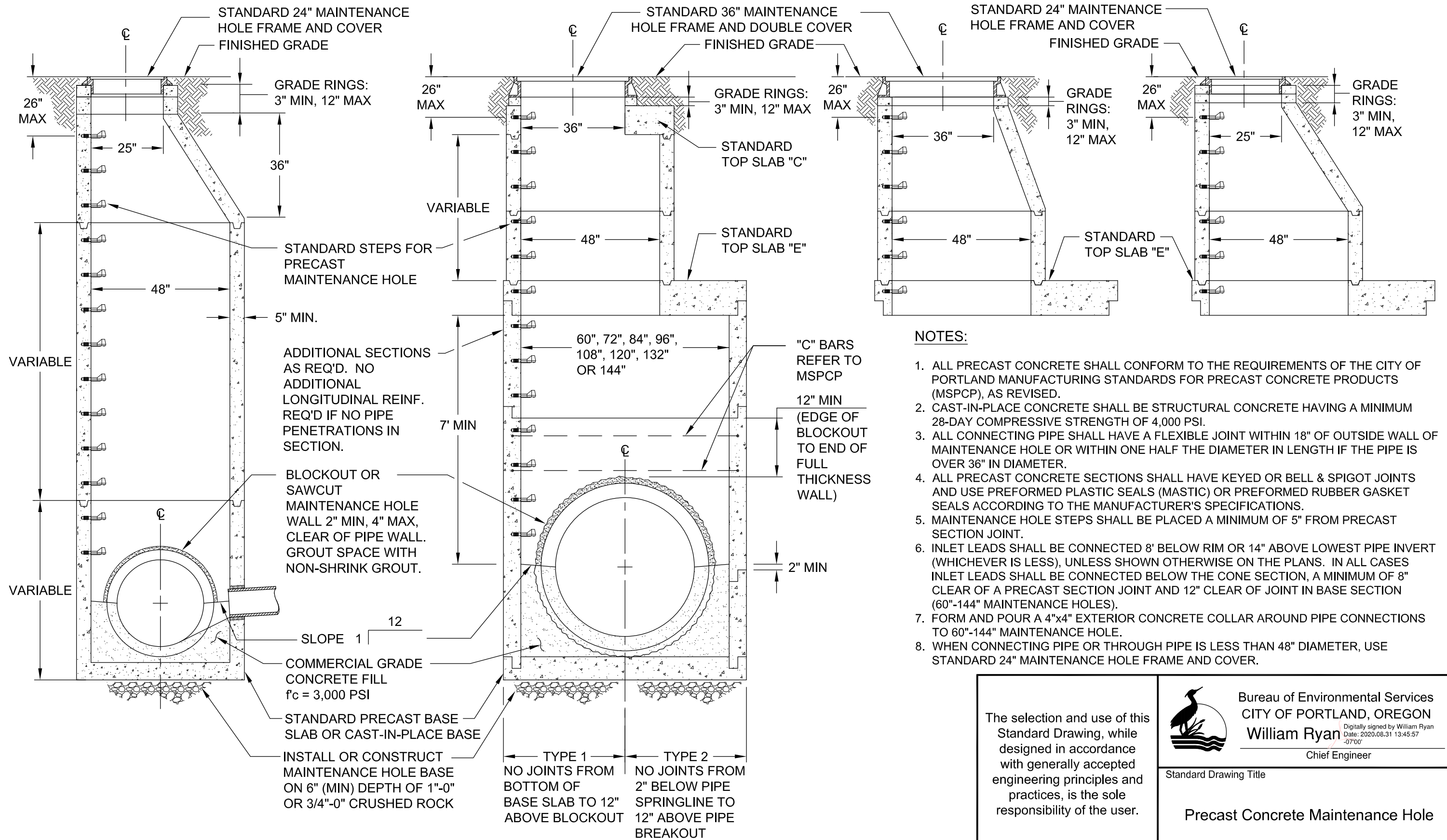


P-150\_PRECAST\_CONC\_MANHOLE.DWG 8/21/20 1:31 PM DANPE



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Note:  
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.



Bureau of Environmental Services  
CITY OF PORTLAND, OREGON

William Ryan  
Digitally signed by William Ryan  
Date: 2020.08.31 13:45:57 -07'00'

Chief Engineer

Standard Drawing Title

Precast Concrete Maintenance Hole

Effective Date: 05-15-12

Calc. Book No.: 001

Baseline Report Date: 03-24-09

Standard Drawing No.

P-150