

3. SHIPLAP JOINTS SEALED WITH 1 STRIP OF BUTYL

4. EACH CASTING TO HAVE LIFTING PINS CAST IN.5. EACH SECTION TO BE LABELED AS NOTED.

- 24" DIA. OR SQUARE

OPENING NEENAH

R-3405-A OR EQUAL

SIZE OF 2 1/4".

WITH MAX. OPENING

/ 12" OUTLET PIPE

6. MANHOLE STEPS @ 12" O.C. IF REQUIRED. 7. PIPE OPENINGS CAST IN AS REQUIRED.

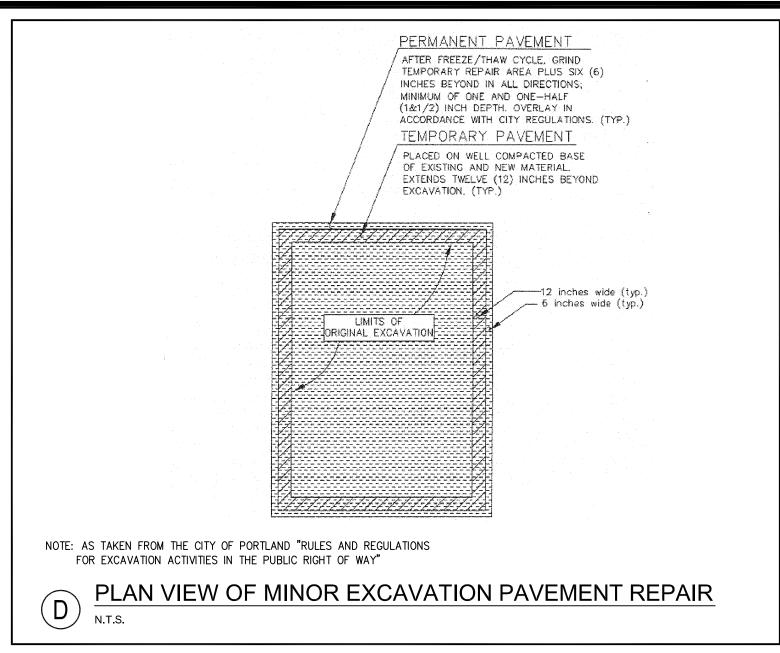
4'-0" I.D.

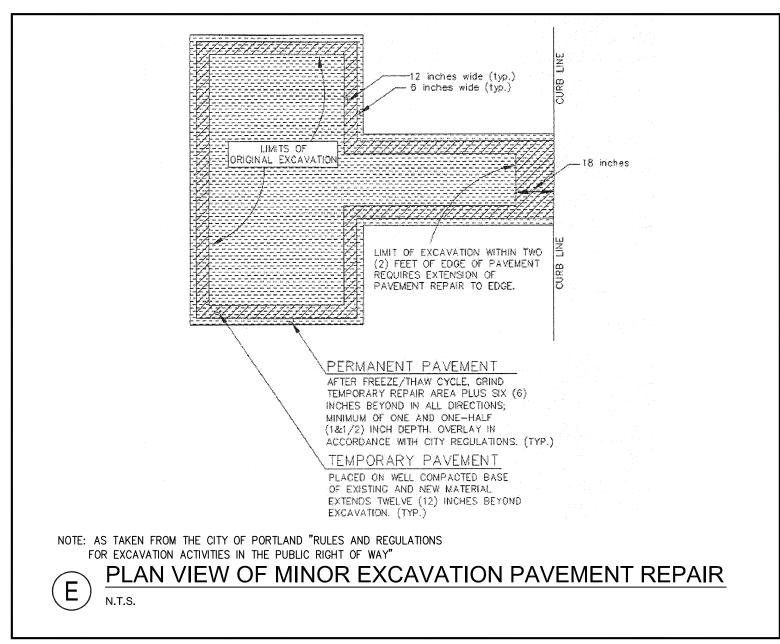
SECTION VIEW

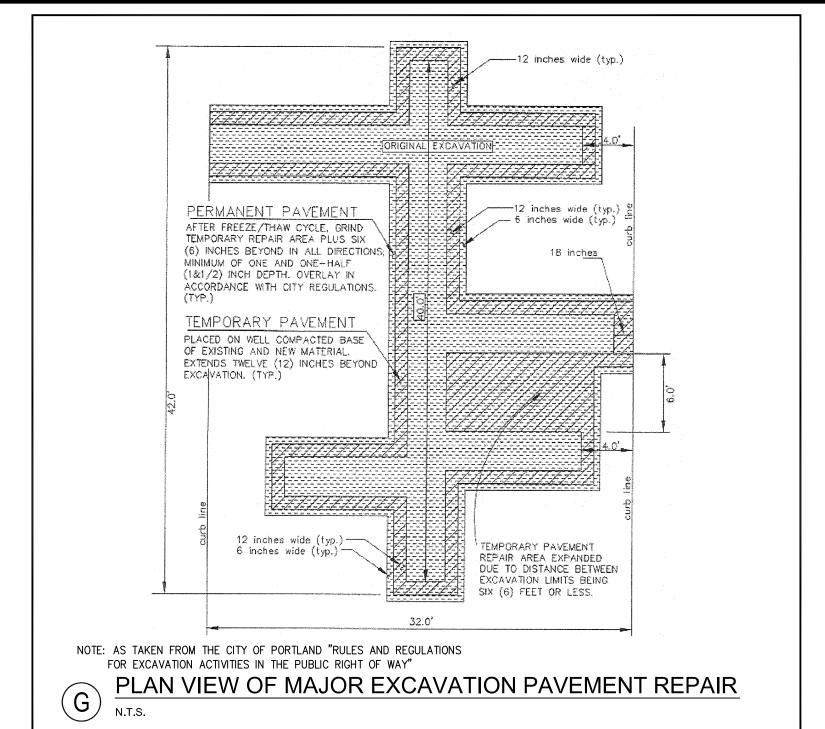
RUBBER SEALANT.

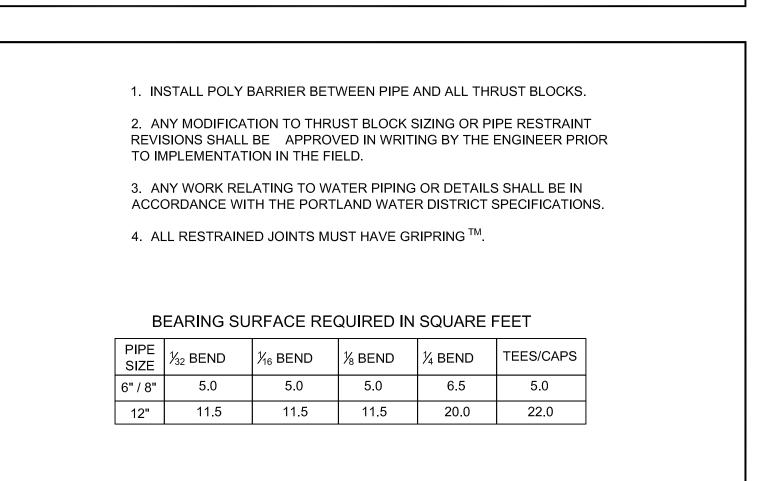
PLAN VIEW

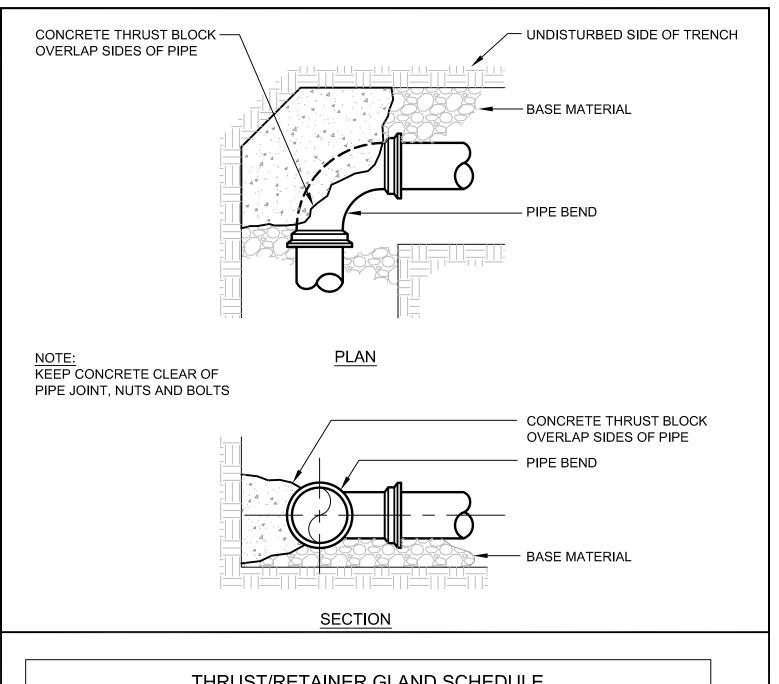
CATCH BASIN DETAIL

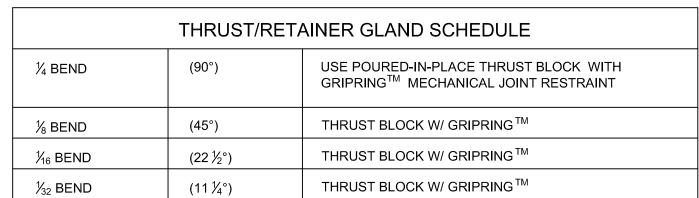












THE ABOVE SCHEDULE IS SUBJECT TO THE APPROVAL OF THE ON-SITE INSPECTOR DUE TO SOILS AND WORKING PRESSURES IN THE AREA.

NOTES:

- 1. THE PORTLAND WATER DISTRICT MAY HAVE INSPECTION FEES AND REQUIRE OBSERVATION OF ALL PIPING INSTALLATION BEFORE BURIAL. REFER TO SPECIFICATIONS.
- 2. FOR WATER MAIN LAYOUT SEE DRAWING C-3.00
- 3. REFER TO SPECIFICATIONS FOR TESTING AND CHLORINATION REQUIREMENTS.
- 4. ALL HYDRANTS AND VALVES TO BE EPOXY COATED, NUTS & BOLTS TO BE STAINLESS STEEL.

TYPICAL THRUST BLOCK PLACEMENT ON BENDS DETAIL

5. SERVICE RODS FOR DOMESTIC SERVICE OR AIR VALVES TO BE STAINLESS STEEL.



