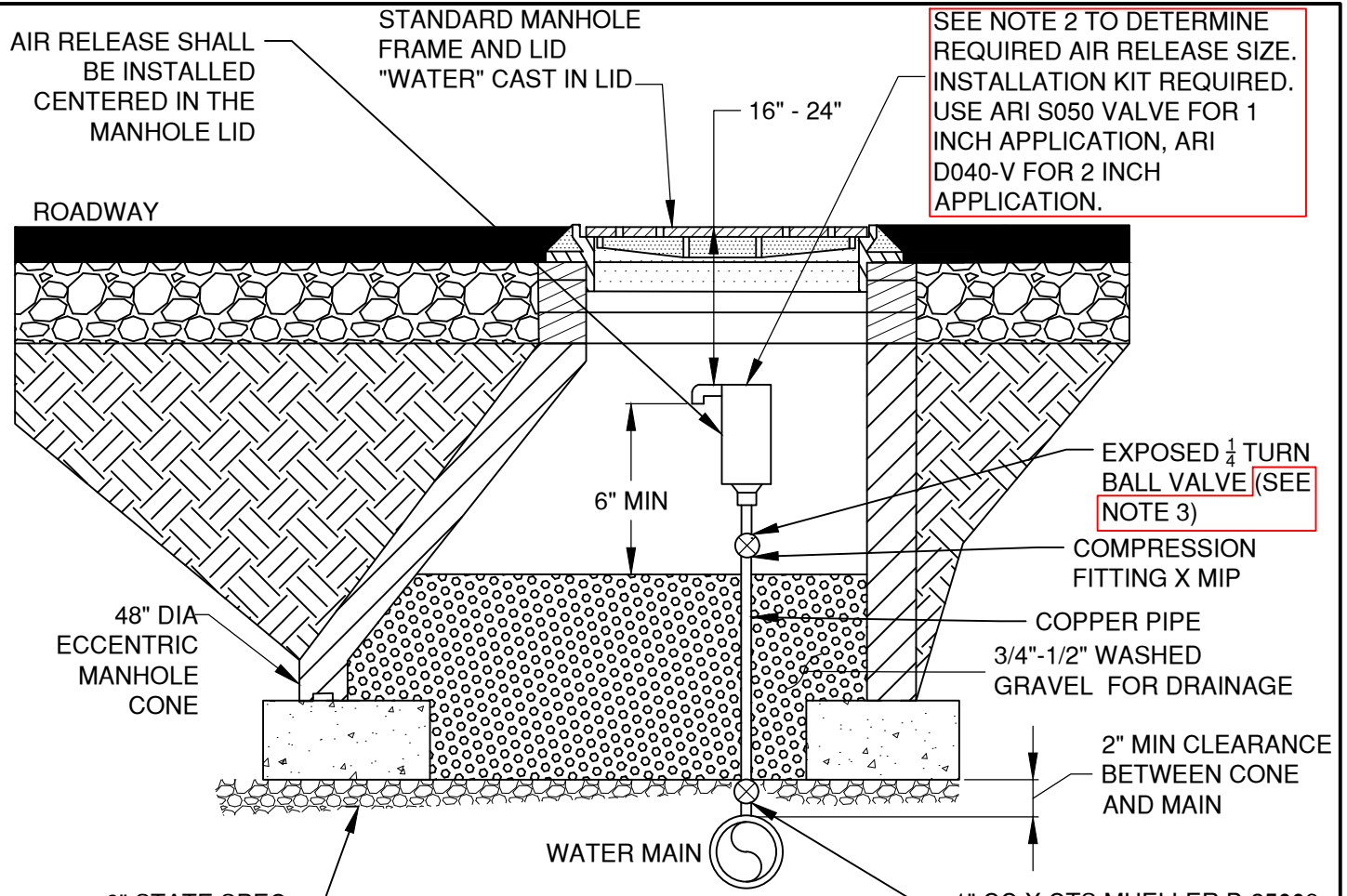
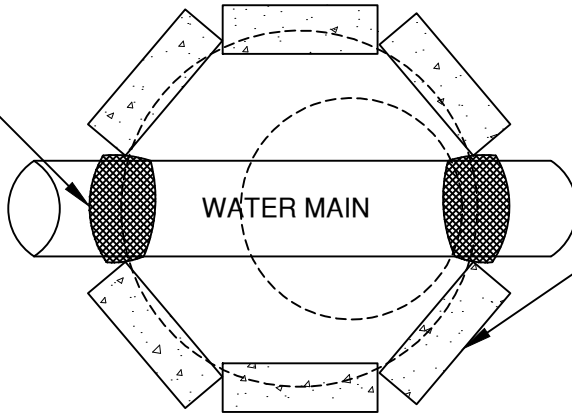


SEE NOTE 2 TO DETERMINE REQUIRED AIR RELEASE SIZE. INSTALLATION KIT REQUIRED. USE ARI S050 VALVE FOR 1 INCH APPLICATION, ARI D040-V FOR 2 INCH APPLICATION.



**PROFILE VIEW**



**PLAN VIEW**

THE CONE SHALL BE VERTICALLY SEPARATED FROM THE WATER MAIN BY A MINIMUM OF 2 INCHES; NYLON POLYMER SAND BAGS TO BE PLACED BETWEEN THE CONE AND THE WATER MAIN FOR PROTECTION OF WATER MAIN

1" CC X CTS MUELLER B-25008 OR APPROVED EQUAL FOR 1" AIR RELEASE; OR 2" TAPPING SADDLE, CTS X MIP CORP STOP MUELLER B-25028 OR APPROVED EQUAL FOR 2" AIR RELEASE (SEE NOTE 2)

BLOCKS TO BE PLACED BENEATH THE MANHOLE CONE; BLOCKS SHALL BE SEPARATED HORIZONTALLY FROM WATER MAIN BY A MINIMUM OF 4 INCHES

**GENERAL NOTES:**

1. AIR RELEASE OR COMBINATION VALVES SHALL BE INSTALL AT ALL HIGH POINTS. WHERE THE HIGH POINT IS AT THE TOP OF A LONG ASCENT (1,250 FEET+) A COMBINATION AIR/VACUUM VALVE SHALL BE INSTALLED.
2. 1-INCH AIR RELEASE VALVE TO BE USED ON WATER MAINS LESS THAN OR EQUAL TO 12-INCH DIAMETER. 2-INCH AIR RELEASE VALVE TO BE USED ON WATER MAINS GREATER THAN 12-INCH DIAMETER.
3. WHEN THE DISTANCE BETWEEN THE AIR VALVE AND THE CORP AT THE MAIN IS LESS THAN 18 INCHES, THE BALL VALVE MAY BE OMITTED.

|       |       |
|-------|-------|
| DRAWN | AJD   |
| DIV   | WATER |
| REV   | DATE  |



**CITY OF BEND**

**CITY OF BEND**

STANDARD DRAWING

710 NW WALL ST., BEND, OREGON 97701

**1" & 2" STANDARD AIR RELEASE VALVE - TRAFFIC AREA**

SCALE NTS

DATE 11/01/2024

APPR

STD DWG W-10