

EAST JORDAN IRON WORKS
 MODEL# 2603 FRAME AND
 COVER OR APPROVED EQUAL.

48"Ø FLAT TOP
 PRECAST MANHOLE

FINISH GRADE

2" GALV. STEEL PIPE.

2" OUTLET

COMBINATION AIR VALVE
 SHALL BE VAL-MATIC
 SERIES VM-801-ABW
 OR APPROVED EQUAL.

BRONZE FULL FLOW
 BALL VALVE

SANITARY SEWER
 FORCE MAIN

GROUT SURFACE
 TO DRAIN

BRONZE FULL FLOW
 BALL VALVE, W/
 QUICK DISCONNECT
 COUPLING.

2" CLEANOUT

PIPE SUPPORT (TYP)
 AS REQUIRED BY
 ENGINEER

BRONZE FULL FLOW
 BALL VALVE

RISER PIPE

3"Ø DRAIN TO SEWER

1"-MINUS CRUSHED
 AGGREGATE

DRAIN TO NEAREST
 SANITARY SEWER
 COLLECTOR

6"

NOTES:

1. COMBO DEVICE FOR SEWER FORCEMAINS SHALL BE 2" DIA. MIN.
2. DEVICES OVER 2" DIA. SHALL BE SADDLE TAPPED.
3. REFERENCE TECHNICAL SPEC. SECTION 6210.
4. GALV. IRON OUTLET PIPE DIAMETER SAME AS VALVE INLET DIAMETER.



WOODBURN
 O R E G O N
 Incorporated 1889
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

**SANITARY SEWER
 COMBINATION AIR
 RELEASE VALVE**

REV: DEC. 2007

SCALE: NTS

DET No.

6200-6