



GENERAL NOTES:  
 \* ALL MATERIALS MUST BE 304 STAINLESS STEEL  
 SCHEDULE 40 (EXCEPT AS NOTED)

**EXPLODED VIEW**  
 NOT TO SCALE

**NOTES**

- ① 3" SCHEDULE 40 PVC (PRESSURE) SOCKET X FEMALE ADAPTER
- ② 3" x 4" NIPPLE (BOTH ENDS THREADED)
- ③ 2ea. 3" THREADED FLANGES 7.5" X 1-3/16" TH. (150psi)  
 4ea. 5/8-11 S.S. HEXHEAD CAP SCREWS.  
 6ea. 5/8" S.S. FLATWASHERS.  
 4ea. 5/8" S.S. SPLITLOCK WASHERS  
 4ea. 5/8-11 S.S. HEXHEAD NUTS
- ④ 3" x 32" PIPE (ONE END THREADED)
- ⑤ 3" X 3" X 3" THREADED TEE (150psi)
- ⑥ GARLOC OR NON-ASBESTOS GASKET 1/16" OR 1/8" TH.
- ⑦ ROMAC PART # 511-3.50 X 3.50 X 7SSFE WITH NBR GASKETS
- ⑧ 3" to 2" BUSHING
- ⑨ 2" x 3" NIPPLE (BOTH ENDS THREADED)
- ⑩ 2" S.S. STREAM FLOW BALL VALVE MODEL BV150SSJPP S.S. FULL PORT S.S. BALL VALVE THREADED HANDLE MODIFIED (SEE HANDLE DETAIL) MAXIMUM CLEARANCE 1" REMOVE LATCH LOCK
- ⑪ AIR RELIEF VALVE ~~ARCO 143-1 OR 145-1~~ (AS REQUIRED) SANDBLASTED AND COATED COAL TAR EPOXY C-200 SHERWIN WILLIAMS OR EQUAL
- ⑫ 1" X CLOSE S.S. NIPPLE
- ⑬ 1" FULL PORT S.S. BALL VALVE
- ⑭ S.S. STREET 90 ~~ARCO 143-1 REQUIRES 1"~~ ~~ARCO 145-1 REQUIRES 2"~~

Air Release Valves shall be Vent-Tech or Vent-O-Mat.

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THE METROPOLITAN SEWER DISTRICT OF GREATER CINCINNATI

**3" LOW PRESSURE FORCE MAIN AIR RELIEF CHAMBER DETAIL**