



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 (150 PSI)
4EA. 5/8-11 S.S. HEXHEAD CAP SCREWS
8EA. 3/8" S.S. FLATWASHERS
4EA. 5/8" S.S. SPLITLOCK WASHERS
4EA. 5/8-11 S.S. HEXHEAD NUTS
- ④ 3" S.S. PIPE CAP
- ⑤ 3"X3"X3" THREADED TEE (150 PSI)
- ⑥ GASKET 1/16" OR 1/8" THICK GARLOC OR NON-ASBESTOS
- ⑦ 3" TO 2" BUSHING
- ⑧ 2" X 3" NIPPLE (BOTH ENDS THREADED)
- ⑨ 2" S.S. STREAM FLOW BALL VALVE MODEL BV150SS3FP S.S. FULL PORT S.S. BALL VALVE THREADED HANDLE MODIFIED (SEE HANDLE DETAIL) MAXIMUM CLEARANCE 1" REMOVE LATCH LOCK
- ⑩ AIR RELIEF VALVE APCO 443.1 OR 445.1 (AS REQUIRED) SANDBLASTED AND COATED COAL TAR EPOXY C-200 SHERWIN WILLIAMS OF EQUAL
- ⑪ 1" X CLOSE S.S. NIPPLE
- ⑫ 1" FULL PORT S.S. BALL VALVE
- ⑬ 3" X (1" DIA TO 2-1/2") SCHEDULE 40 PVC SOCKET BUSHING
- ⑭ 3" X CLOSE NIPPLE (BOTH ENDS THREADED)
- ⑮ S.S. STREET 90 APCO 443.1 REQUIRES - 1" APCO 445.1 REQUIRES - 2"

GENERAL NOTES:

- ALL MATERIALS MUST BE 304 STAINLESS STEEL SCHEDULE 40 (EXCEPT AS NOTED)
- BALL VALVE MUST BE FULL PORT
150psi WSP 500psi WOG (NON-SHOCK)

THE
METROPOLITAN SEWER DISTRICT
OF
GREATER CINCINNATI

1" TO 2 1/2" LOW
PRESSURE FORCE MAIN
TERMINAL AIR RELIEF CHAMBER DETAIL