FOR CLEAR COVER LESS THAN 14" USE HINGE TYPE MH (min 5") MATCH FINISH GRADE AUTOMATIC AIR RELEASE VALVE

TYPE "A" MANHOLE FRAME AND COVER MATCH FINISH GRADE

TYPE II CONCRETE ALL AROUND

BRICK 9 #5 EACH WAY

2" STAINLESS STEEL BALL VALVE

20" PVC SHORT PIPE (SCH. 40 OR C900) FOR VALVE HOUSING (EXTEND PIPE TO TOP OF MAIN)

2" PVC PIPE (SCH. 80) THREADED AT BOTH ENDS

5'x5'x8" MIN. THICKNESS CONCRETE SLAB FOR MANHOLE FOUNDATION WITH 24"Ø OPENING ON CENTER

BRONZE NIPPLE FILL WITH SAND

2" BRONZE THREADED COUPLING

1½" x 2" CORPORATION STOP

MAKE TAPPING CONNECTION PRIOR TO PIPE INSTALLATION AND RESTORE CERAMIC EPOXY LINING AROUND THE AIR RELEASE VALVE CONNECTION

FORCE MAIN AT HIGHEST ELEVATION

NOTES:
1. SEE WASD PRE-APPROVED PRODUCT LIST FOR APPROVED ARV's AND ACCESSORIES
2. METALLIC THREADS TO BE COATED WITH BITUMASTIC COATING.
3. ON ARV'S FOR SEWERAGE INSTALL 1" BLOW-OFF VALVE AND ¾" QUICK-DISCONNECT BACKFLUSHING CONNECTION WITH SHUT-OFF VALVE.
4. INSTALL TAPPING SADDLE FOR THICKNESS CLASS D.I. MAINS 4" & SMALLER, PRESSURE CLASS D.I. MAINS 8" & SMALLER, OR WHEN MAIN IS PVC, HDPE, OR AC PIPE.
5. FOR MANHOLE/VALVE BOX IN GRASS AREAS, SEE SS 21.0 SHEET 1 OF 1.

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<th>TYPE &quot;A&quot; MANHOLE</th>
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SS
11.0
SHEET 2 OF 2