



MATERIAL LIST

- ① 2" BEEHIVE STRAINER
- ② 2" OPEN PATTERN, RETURN BEND
- ③ 2" GALVANIZED IRON PIPE FIELD LOCATE
- ④ CUT OPENING AS REQUIRED, AFTER INSTALLATION, GROUT AROUND PIPE
- ⑤ 1" BRASS UNION
- ⑥ 1" BRASS NIPPLE
- ⑦ 1"-90° BRASS ELBOW
- ⑧ 1" BRASS CLOSE NIPPLE
- ⑨ METER BOX: CARSON HW 1527BCF HDPE W/18" BODY OR SIGMA/RAVEN RMB-152718-SW-B
- ⑩ TWO PIECE CAST IRON VALVE BOX 18" TOP, BOTTOM LENGTH AS REQUIRED, SEE DETAILS WD-11 AND WD-11A
- ⑪ 2" CLASS B ASPHALT PAD
- ⑫ 2" MUELLER A-2362 RWGV, 2" THREAD ENDS WITH 2" OPERATING NUT
- ⑬ ETHAFOAM PAD UNDER VALVE BOX
- ⑭ 1"-90° BRASS BEND, F.I.P.
- ⑮ 1" BRASS NIPPLE, M.I.P.
- ⑯ DOUBLE STAINLESS STEEL STRAP SERVICE CLAMP WITH 1" IPS TAP TO FIT EQUAL TO ROMAC 101S
- ⑰ 1" BRASS PIPE
- ⑱ 16"x8"x4" BRICK ON COMPACTED BEDDING GRAVEL
- ⑲ BRASS BUSHING - 2" MIPT X 1" FIPT
- ⑳ 1" TYPE "K" SOFT COPPER TUBING
- ㉑ 1" BRASS PIPE TO FIT
- ㉒ 1"-90° BRASS ELBOW
- ㉓ 1" BRASS CLOSE NIPPLE
- ㉔ 1" AIR & VACUUM VALVE, SCREWED APCO NO. 143C OR EQUAL
- ㉕ WASHED GRAVEL, PASSING 1 1/2" AND RETAINED ON 1/4" MESH
- ㉖ 1" BRASS PIPE TO FIT
- ㉗ 2" BRASS PLUG
- ㉘ 1"-90° BRASS ELBOW
- ㉙ 2"x2"x1" TEE, 1" CLOSE NIPPLE BETWEEN TEE & BEND
- ㉚ 1" BRASS 1/4 TURN BALL VALVE, SCREWED EQUAL TO RED-WHITE VALVE CORP. FIG. NO. 5044F
- ㉛ COUPLING, COPPER TO MALE IRON PIPE - FORD C84-44-Q-NL OR EQUAL
- ㉜ BRASS UNION
- ㉝ BRASS UNION

NOTES:

1. AIR AND VACUUM RELEASE VALVE ASSEMBLY SHALL BE INSTALLED AT THE HIGHEST POINT OF LINE. IF HIGH POINT FALLS IN A LOCATION WHERE ASSEMBLY CANNOT BE INSTALLED, PROVIDE ADDITIONAL DEPTH OF LINE TO CREATE HIGH POINT AT A LOCATION WHERE ASSEMBLY CAN BE INSTALLED.
2. THE 2" STANDPIPE ABOVE GROUND SHALL BE COATED WITH TWO COATS OF RUST-OLEUM #7543 "SAFETY YELLOW" INDUSTRIAL ENAMEL.
3. THE 1" BRASS AND COPPER TUBING SHALL BE INSTALLED IN POLYETHYLENE WRAP FOR A MINIMUM OF 3 FEET FROM WATER MAIN.
4. ALL MATERIALS TO BE LEAD FREE.