

LIST OF MATERIALS

- ① Double strap saddle, see Standard Drawing 601 (1") or 602 (2")
- ② Corporation stop, see Standard Drawing 601 (1") or 602 (2")
- ③ 1" or 2" copper tubing, type K, soft
- ④ 1" or 2" 90° copper compression elbow
- ⑤ Bronze ball valve
- ⑥ 1" or 2" copper adapter, M-IPT x compression
- ⑦ 1" or 2" brass 90° elbow, F-IPT
- ⑧ 1" or 2" rigid brass pipe, M-IPT
- ⑨ 1" or 2" combination air release valve
- ⑩ 1" or 2" brass nipple (order to fit)
- ⑪ 1" or 2" brass street elbow
- ⑫ Air vent screen/strainer
- ⑬ Concrete pad, Class 520-C-2500, (see Note 4 on Sheet 2)
- ⑭ Valve box and riser per Standard Drawing 650
- ⑮ 10 mil PE wrap around pipe
- ⑯ ½" x 5"L anchor bolt with stainless washers, electrodeposited coating of zinc, 3 each
- ⑰ Two-piece polyethylene enclosure

NOTES

1. Refer to the City of Fullerton's Approved Materials List for approved manufacturers and model numbers.
2. Assemblies installed in easements, roads and streets without curbs or with rolled curbs shall be protected with guard posts per Standard Drawing 615.
3. Contractor is to verify with Engineer the exact assembly location prior to construction.
4. Corporation stop to be installed at crown of pipe.
5. Top of concrete pad must match the top of curb and top of sidewalk.
6. Assembly shall be located a minimum of 7' from BCR, ECR or driveway approaches.
7. All internal and external ferrous metal surfaces shall be epoxy coated.
8. If assembly extends beyond the City right-of-way, an easement shall be obtained. Otherwise the assembly shall be placed at a different location.

1" AND 2" COMBINATION AIR RELEASE VALVE ASSEMBLY



REVISIONS			
NO.	DATE	NO.	DATE
1	07/15/94	4	04/30/18
2	02/29/16	5	09/24/19
3	02/28/17	6	04/20/22


CITY ENGINEER 5/9/2022 DATE


PUBLIC WORKS DIRECTOR 5/24/2022 DATE

STANDARD DETAIL

627

SHEET 2 OF 2

DEPARTMENT OF PUBLIC WORKS