



NOTES

1. THIS CROSS-SECTIONAL VIEW IS ONLY AN EXAMPLE, ORIENTATION OF INLET AND OUTLET PIPES DEPENDS ON ENGINEERED DESIGN.
2. SECURE GRATE IN PLACE WITH 54" OF WIRE ROPE. LOOP ENDS OF WIRE ROPE AROUND U-BOLT AND GRATE. CRIMP EACH END OF WIRE ROPE WITH 3" OVERLAP.
3. DRILL 2" DEEP HOLES INTO PIPE AND EPOXY #4 REBAR U-BOLT (2"X 4") IN HOLES.
4. GRATE TO BE CAST IRON, ASTM A48 CL30.
5. BEEHIVE RIM ELEVATION MUST BE MINIMUM 1" BELOW NEAREST SCUPPER, MINIMUM 4" BELOW ADJACENT TOP OF CURB, AND 12" ABOVE GROW MEDIUM.
6. WIRE ROPE BETWEEN 1/8"-3/16" DIAMETER, STAINLESS STEEL, 7 STRANDS OF 19 WIRES.
7. INVERT ELEVATION OF INLET PIPE MUST BE NO LOWER THAN INVERT ELEVATION OF OUTLET PIPE.
8. MINIMUM 18" I.D., MAXIMUM 24" I.D.



Public Works Standard Drawings

BEEHIVE OVERFLOW STRUCTURE

SCALE NTS

DATE JUL '23 REV. 1

ENGR. DW DRAWN KAE

DRAWING NO. 626