



BEEHIVE GRATE

FRAME

NOTES

1. 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.
2. DRILL 2" DEEP HOLES INTO PIPE AND EPOXY #4 REBAR U-BOLT (2"X 4") IN HOLES.
3. GRATE TO BE CAST IRON, ASTM A48 CL30
4. WIRE ROPE BETWEEN 1/8"-3/16" DIAMETER, STAINLESS STEEL, 7 STRANDS OF 19 WIRES
5. RIM ELEVATION MUST PROVIDE FOR DESIGN PONDING DEPTH BEFORE ALLOWING OVERFLOW.
6. INLETS MUST BE AT A HIGHER ELEVATION THAN THE TOP OF THE BEEHIVE GRATE.
7. PROHIBITED IN FACILITIES WITH WIDTHS GREATER THAN 24".

ADAPTED FROM CLEAN WATER SERVICES



City of Lake Oswego
Engineering Division

Erica Rooney, P.E. City Engineer

18-INCH BEEHIVE OVERFLOW

SD8-01

EFFECTIVE DATE: SEPTEMBER 14, 2020 NOT TO SCALE

DRAWING NUMBER