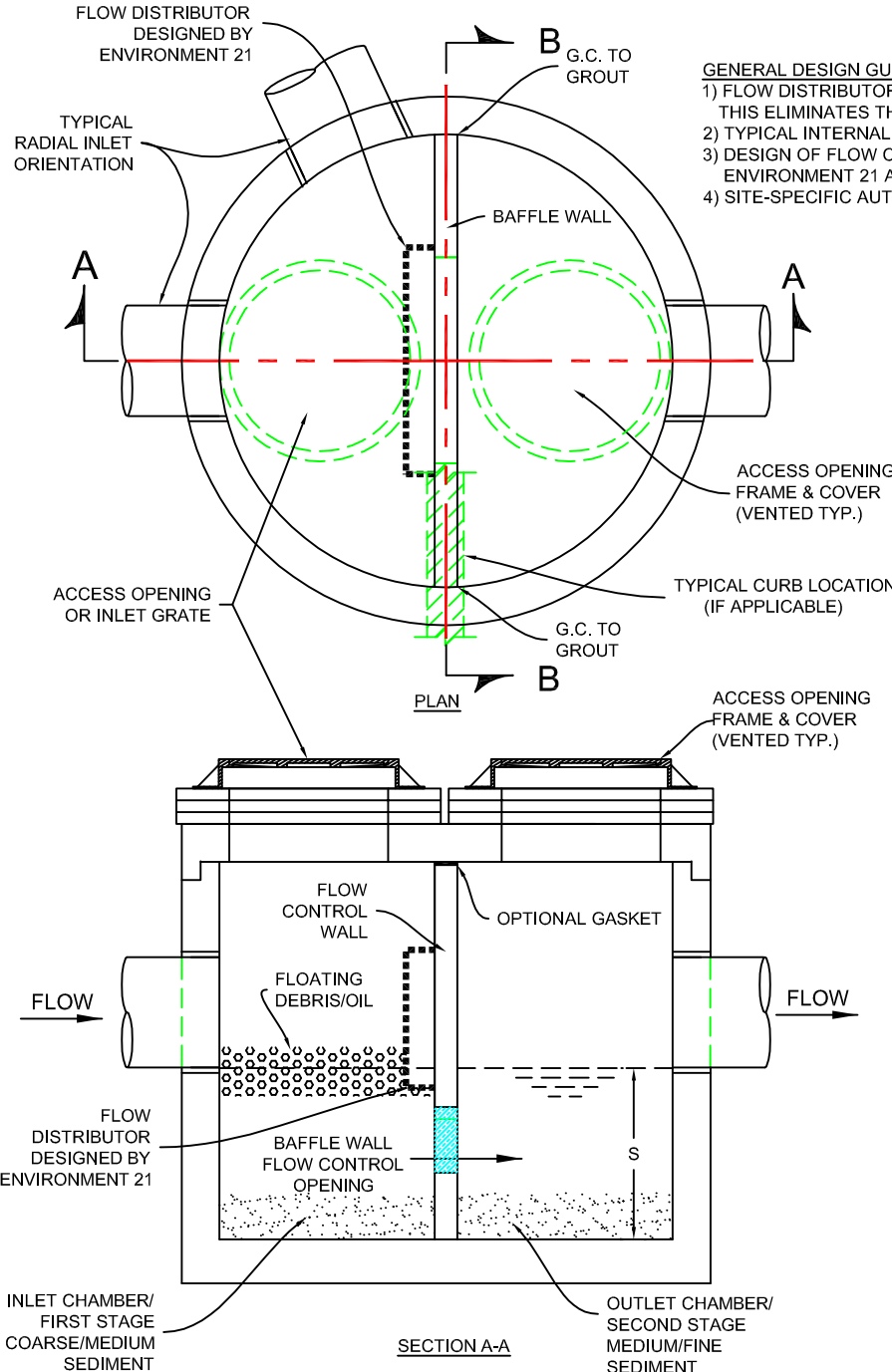


UNIFORM SIZING TABLE						
UNIFORM MODEL #	D (ft.)	MAX. S (ft.)	IMPERVIOUS AREA (acres)	INLET PIPE (in.)	TREATMENT FLOW (cfs)	PEAK FLOW (cfs)
5R	5	5.0±	0 - 3	12-15	0 - 2	6
6R	6	5.3±	3 - 4	18	2 - 3	7
7R	7	5.6±	4 - 6	21	3 - 5	9
8R	8	6.0±	6 - 10	24	5 - 7	16
10R	10	6.6±	10 - 12	30	7 - 10	25
12R	12	7.3±	12 - 15	36	10 - 13	35



**CALL: 1-800-809-2801**



**NOTES:**  
1) RAINFALL INTENSITY USED FOR TREATMENT FLOW = 0.80-1.0 IN/HR

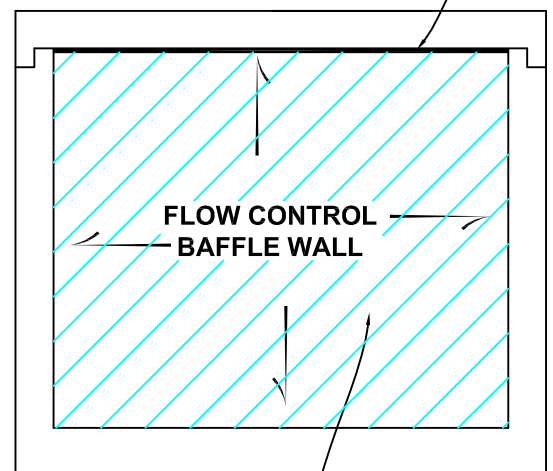
**MANUFACTURING NOTES:**

- 1) DESIGN OF INTERNAL BAFFLE WALL PROVIDED TO LICENSED MANUFACTURER BY ENVIRONMENT 21, LLC.
- 2) LOCATION AND SIZE OF MANHOLE OPENINGS MAY BE ADJUSTED BY LICENSED MANUFACTURER.
- 3) G.C. TO GROUT INLET AND OUTLET PIPES.

**GENERAL DESIGN GUIDELINES FOR UNIFORM TREATMENT CHAMBER**

- 1) FLOW DISTRIBUTOR USED TO DISSIPATE INLET FLOW STIRRING POWER. THIS ELIMINATES THE NEED TO BYPASS HIGH FLOW EVENTS.
- 2) TYPICAL INTERNAL HEAD LOSS FOR DESIGN STORM IS 0.20 FT.
- 3) DESIGN OF FLOW CONTROL BAFFLE WALL AND FLOW DISTRIBUTOR BASED ON ENVIRONMENT 21 ANALYSIS OF SITE-SPECIFIC STORM SEWER HYDRAULICS.
- 4) SITE-SPECIFIC AUTOCAD DRAWING DETAIL PREPARED BY ENVIRONMENT 21 AVAILABLE

**GASKET NOTE:**  
GASKET PROVIDED IF TOP OF FLOW CONTROL WALL MUST EXTEND TO CEILING  
OPTIONAL GASKET



SIZE, SHAPE, AND LOCATION OF FLOW CONTROL OPENINGS BY ENVIRONMENT 21, LLC

**GENERAL NOTES:**  
MANHOLE DESIGN SPECIFICATIONS CONFORM TO LATEST A.S.T.M. C478 SPEC. FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.

DESIGN LOADING: AASHTO HS20-44

PROPRIETARY INFORMATION: PATENTS PENDING - ALL RIGHTS TO ENVIRONMENT 21, LLC.