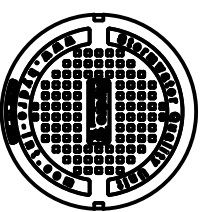


- CONTRACTOR NOTES:**
1. MAINTHOLE WALL AND SLAB THICKNESS ARE NOT TO SCALE.
  2. CONTRACTOR TO VERIFY HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING THE STRUCTURE.
  3. CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE Ø AND PIPE ORIENTATION PRIOR TO RELEASE OF UNIT TO FABRICATION.
  4. CONTRACTOR IS RESPONSIBLE FOR MATERIALS AND LABOR TO BRING CASTINGS TO FINISHED GRADE.
  5. ACTUAL DEPTH OF STRUCTURE MAY VARY DEPENDING ON AVAILABLE PRECAST FORMS. CONTRACTOR TO MEASURE HEIGHT OF STRUCTURE TO ENSURE THAT DEPTH OF EXCAVATION IS CORRECT.
  6. SUMP DEPTH AVAILABLE IN 24" (610mm) CPZ, RIBBONS AND 36" (914mm) LONG RIBBONS DEPTH

**OUTLET PIPE STUB SIZE INFORMATION**  
 Outside Diameter: 10.5" 12.5" or 15.3" OD  
 Concrete Penetration: Pipe Boot (by Hydro)  
 Hook-up: Femco-type coupling (by others)

**HYDRO FRAME AND COVER (INCLUDED)**  
 GRADE RINGS BY OTHERS AS REQUIRED



- CAPACITIES:**
- Minimum performance: 80% TSS removal, Washington DOE/NUCAT verified at the peak treatment flow.
  - Peak treatment flow:
    - .033 CFS (0.9 LPS) (15 GPM) per module (Ribbons)
    - .022 CFS (0.6 LPS) (10 GPM) per module (Long Ribbons)
    - .056 CFS (1.6 LPS) (25 GPM) per module (CPZ)
  - Maximum number of ribbon modules per outlet module: 36
  - Maximum number of CPZ modules per outlet module: 18 (contact Hydro if more are required)
- ADDITIONAL DESIGN INFORMATION:**
- Normal operating W.S.E. is 26-30" (660-762mm) above the outlet invert
  - Media Types Available: Ribbons, CPZ
  - Filter will require 92" minimum drop if downstream from storage\*
  - Unit shall conform to HS20-44 load ratings

ANY WARRANTY GIVEN BY HYDRO INTERNATIONAL WILL APPLY ONLY TO THOSE ITEMS IDENTIFIED AS SUCH. HYDRO INTERNATIONAL SHALL NOT BE RESPONSIBLE FOR ANY STRUCTURE, PLANT OR EQUIPMENT OR THE PERFORMANCE THERE OF DESIGNED, BUILT, MANUFACTURED, OR SUPPLIED BY ANY THIRD PARTY. HYDRO INTERNATIONAL HAS A POLICY OF CONTINUOUS DEVELOPMENT AND RESERVE THE RIGHT TO AMEND THE DESIGN OF THIS EQUIPMENT WITHOUT NOTICE. HYDRO INTERNATIONAL OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE. IT MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT SPECIFIED HEREIN. PERMISSION IN WRITING FROM HYDRO INTERNATIONAL IS REQUIRED FOR ANY REPRODUCTION OF THIS DRAWING WITHOUT PRIOR PERMISSION IN WRITING FROM HYDRO INTERNATIONAL.

<b>PROJECTION</b>			
<b>IF IN DOUBT ASK</b>			
DATE	SCALE	CHECKED BY	APPROVED BY
6/17/2019	1:30	WCS	MRJ
DRAWN BY	WCS	THE UP-FLO FILTER 4ft Manhole	
6 MODULES MAX WITHOUT BYPASS			
Patent: www.hydro-int.com/patents			
<b>Hydro International</b>		hydro-int.com	
©2023 HYDRO INTERNATIONAL			
WEIGHT:	MATERIAL:	DRAWING NO.: 4 MH UP-FLO GA WITHOUT BYPASS	
STOCK NUMBER:		SHEET SIZE:	SHEET: 1 OF 1
		B	Rev: -