





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

							STUB ID: 12" (300 mm) STUB OD: 12.5" (318 mm
RIM: \ [2.007 m] (MIN DGER: 5.1 ft [1 [1.245 m] (MIN NLET: 3.08 ft SKIRT: 2.38 ft NALS: 1.24 ft SUMP: 0 ft	I.556 r NIMUN [.940 r [.724 r [.379 r [.000 r	И) — n] — n] — n] — n] — n] — ST PER	6 3 ONE BASE PROJECT	-	FIPE COUPLING/ REDUCER REQUIRED BY CONTRACTOR	THICKNI SCALE. 2. CONT INTERN/ BOTTOM ELEVAT SETTINO	HOLE WALL AND SLAB ESSES ARE NOT TO TACT HYDRO ATIONAL FOR A M OF STRUCTURE TON PRIOR TO G DOWNSTREAM DER MANHOLE.
					OT FOR CONSTRUCTION. T HYDRO FOR SITE C DETAIL	DATE: 12/7/202 DRAWN BY: ER Title 4ft-DIAN DOWNS	APPROVED BY: MRJ METER STREAM DEFENDER
[CONTAC SPECIFIC	T HYDRO FOR SITE	DATE: 12/7/202 DRAWN BY: ER Title 4ft-DIAM DOWNS GENER/	F IN DOUBT ASK 20 SCALE: 1:1 CHECKED BY: APPROVED B' MRJ METER STREAM DEFENDER AL ARRANGEMENT
	ITEM	QTY	SIZE (in)	CONTAC SPECIFIC	T HYDRO FOR SITE DETAIL	DATE: 12/7/202 DRAWN BY: ER Title 4ft-DIAM DOWNS GENER/	F IN DOUBT ASK 20 SCALE: 1:1 CHECKED BY: APPROVED B' MRJ METER STREAM DEFENDER AL ARRANGEMENT
	ITEM 1		SIZE (in) 48	CONTAC SPECIFIC PAR	T HYDRO FOR SITE C DETAIL TS LIST	DATE: 12/7/202 DRAWN BY: ER Title 4ft-DIAM DOWNS GENER/	F IN DOUBT ASK SCALE: 1:1 CHECKED BY: APPROVED B' MRJ METER STREAM DEFENDER AL ARRANGEMENT ISON A CRH COMPANY hydro-int.com
	1	1	48 30	CONTAC SPECIFIC PAR SIZE (mm) 1200 750	T HYDRO FOR SITE DETAIL TS LIST DESCRIPTION PRECAST MANHOLE (BY HYDRO VIA PRECASTER) FRAME AND COVER	DATE: 12/7/202 DRAWN BY: ER Title 4ft-DIAN DOWNS GENER/ GENER/	F IN DOUBT ASK SCALE: 1:1 CHECKED BY: APPROVED B' MRJ METER STREAM DEFENDER AL ARRANGEMENT ISONO SCALE: ACRH COMPANY
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EQUIPMENT PERFORMANCE

The stormwater treatment unit shall adhere to the hydraulic parameters given in the chart below and provide the removal efficiencies and storage capacities as follows:

- 1. The treatment system shall use an induced vortex to separate pollutants from stormwater runoff.
- 2. Peak Hydraulic Capacity: 3.0 cfs (85 l/s)

- Sediment Storage Capacity: 0.70 cu. yd. (0.53 cu. m)
 Continuous Oil Storage Capacity: 70 gal. (265 liters)
 Sediment shall be stored in a zone that is isolated from the main flow path and protected from reintrainment by a benching skirt.
- 6. For more product information including regulatory acceptances, please visit https://hydro-int.com/en/products/downstream-defender