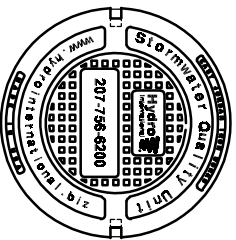


PLAN VIEW



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

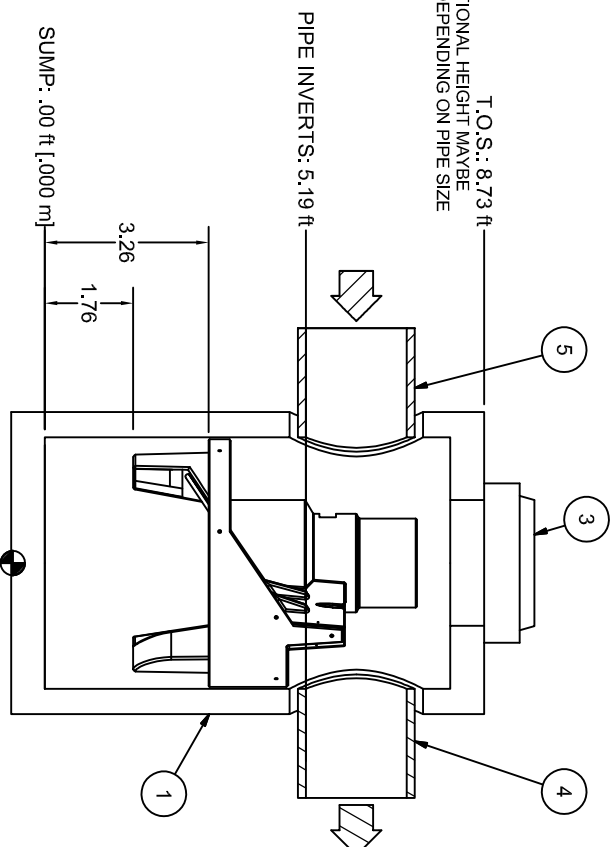
PRODUCT SPECIFICATION:

1. PEAK HYDRAULIC FLOW: 20.0 cfs (566 l/s)
2. MIN SEDIMENT STORAGE CAPACITY: 1.1 cu. yd. (0.8 cu. m.)
3. OIL STORAGE CAPACITY: 300 gal. (1135 liters)
4. MAXIMUM INLET/OUTLET PIPE DIAMETERS: 24 in. (600 mm)
5. THE TREATMENT SYSTEM SHALL USE AN INDUCED VORTEX TO SEPARATE POLLUTANTS FROM STORMWATER RUNOFF.

PROJECT SPECIFICATIONS:

	INVERT	MATERIAL	DIAMETER
RIM		-	-
OUTLET			
INLET 1			
INLET 2	-	-	-
INLET 3	-	-	-

T.O.S.: 8.73 ft
NOTE: ADDITIONAL HEIGHT MAYBE
REQUIRED DEPENDING ON PIPE SIZE



SECTION A-A

PARTS LIST

ITEM	QTY	SIZE (in)	SIZE (mm)	DESCRIPTION
1	1	60	1500	I.D. PRECAST MANHOLE
2	1			INTERNAL COMPONENTS (PRE-INSTALLED)
3	1	30	750	FRAME AND COVER (ROUND)
4	1	24 (MAX)	600 (MAX)	OUTLET PIPE (BY OTHERS)
5	1	24 (MAX)	600 (MAX)	INLET PIPE (BY OTHERS)

ANY WARRANTY GIVEN BY HYDRO INTERNATIONAL WILL APPLY ONLY TO THOSE ITEMS SUPPLIED BY IT. ACCORDINGLY HYDRO INTERNATIONAL CANNOT ACCEPT ANY RESPONSIBILITY FOR ANY STRUCTURE, PLANT, OR EQUIPMENT FOR THE PERFORMANCE THEREOF. HYDRO INTERNATIONAL CANNOT ACCEPT ANY RESPONSIBILITY FOR THE PERFORMANCE OF ANY EQUIPMENT FOR CONTINUOUS DEVELOPMENT AND RESERVE THE RIGHT TO AMEND THE SPECIFICATION. FOR ANY PART THEREOF IF THE EQUIPMENT IS SUBJECT TO CONDITIONS OUTSIDE HYDRO INTERNATIONAL'S CONTROL, HYDRO INTERNATIONAL CANNOT BE HELD RESPONSIBLE FOR THE PERFORMANCE THEREOF. HYDRO INTERNATIONAL CANNOT BE HELD RESPONSIBLE FOR THE PERFORMANCE OF ANY EQUIPMENT FOR WHICH IT IS SUPPLIED AND MUST NOT BE REPRODUCED IN WHOLE OR IN PART. WITHOUT FURTHER PERMISSION IN WRITING FROM HYDRO INTERNATIONAL.

DO NOT SCALE DRAWING
UNLESS OTHERWISE SPECIFIED.
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
FRACTIONS ± 1/16
DECIMALS ± .06
ANGLES ± 1°

PROJECTION

- COMMENTS:
1. MANHOLE WALL AND SLAB THICKNESSES ARE NOT TO SCALE.
 2. CONTACT HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING FIRST DEFENSE MANHOLE.
 3. CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE DIA. AND PIPE ORIENTATION PRIOR TO RELEASE OF UNIT TO FABRICATION.

DATE:	4/6/2018	SCALE:	NTS
DRAWN BY:	KDO	CHECKED BY:	MRJ
APPROVED BY:			

5-1/2" DIAMETER
FIRST DEFENSE HIGH CAPACITY
GENERAL ARRANGEMENT



94 Hutchins Drive
Portland, ME 04102
Tel: +1 (207) 756-6200
Fax: +1 (207) 756-6212
hydro-intl.com

N/A	MATERIAL:
NEXT ASSEMBLY:	
DRAWING NO.:	12-34567-NEXT ASSY
SHEET SIZE:	12-34567-FDHC GA
SHEET:	1 OF 1
Rev:	-