

FRAME AND GRATE
TO BE SET IN MORTAR BED

H-20 DESIGN LOADING PER ASTM
C478 SPEC CONCRETE TOP AND
MANHOLE SECTIONS (CONCRETE
4,000 PSI MIN. AFTER 28 DAYS)

STORMBRAKE TRASH STRAINER

SEDIMENT STORAGE =
42.4 CUBIC FEET
(1.2 CUBIC METERS)

12" DEEP GRAVEL
(M.DOT M1.03.0 TYPE B)
MINIMUM COMPACTED
IN 6" LIFTS ON SUITABLE
SUBGRADE

U.S. PATENT #7,658,857 AND 7,981,300

HIGH FLOW
REGION 850
MICRON
MESH

SECONDARY
FLOW REGION
212 MICRON
MEMBRANE

PRIMARY
FLOW REGION
20-50 MICRON
MEMBRANE

BUTYL RESIN GASKET
MATERIAL PER ASTM
C990 SPEC AT ALL
BASIN JOINTS

MANHOLE HAS 2"
CLEARANCE
AROUND OUTSIDE
DIAMETER OF PIPE

OUTLET

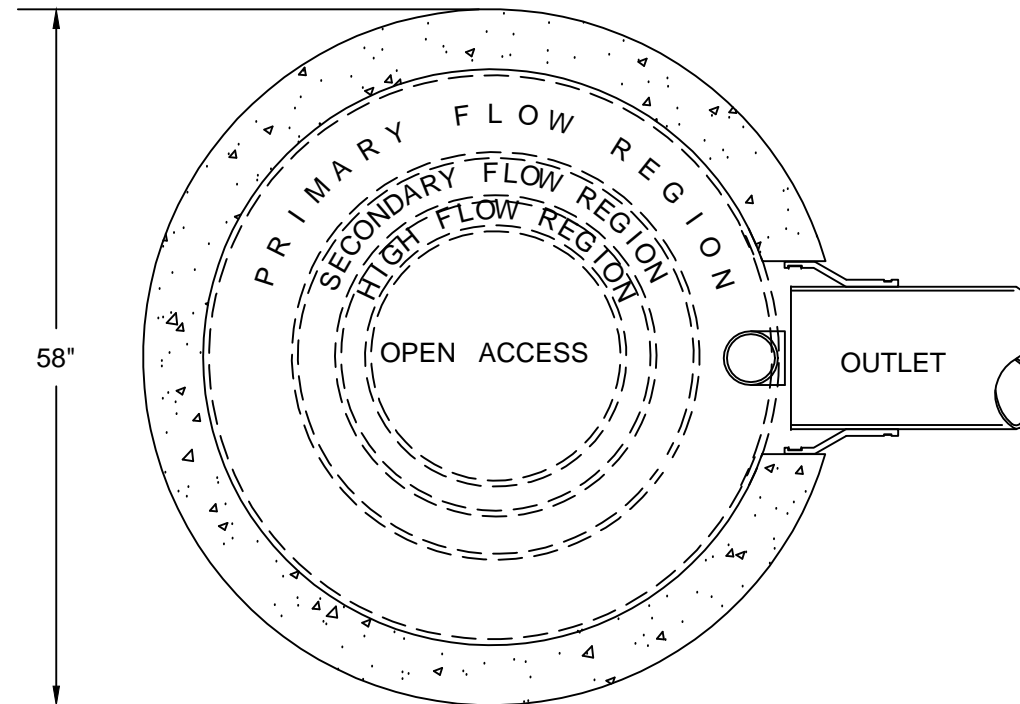
VARIES

FLEXIBLE
CONNECTOR
INCLUDED, OR
NON SHRINK
GROUT BY
OTHERS

48"

6"

12"



SILTPRISON PLAN VIEW

NOTES:

- MANHOLES TO BE SET BY DRAINAGE CONTRACTOR IN CONJUNCTION WITH OTHER DRAINAGE MANHOLES AND PIPING, SET IN ACCORDANCE WITH CITY OR STATE SPECIFICATION WITH REGARD TO BASE AND BACKFILL MATERIALS, COMPACTION AND OTHER TOLERANCES.
- SBZ SILTPRISON IS COVERED BY U.S. PATENT #7,658,857 AND 7,981,300.
- CONTACT STORMWATER BUFFER ZONE OR YOUR PRECASTER FOR DETAILS NOT SHOWN ON THIS DRAWING AT 978-801-1729 OR info@siltprison.com
- UNITS ARE THIRD PARTY VERIFIED TO REMOVE 62.6% OF 1-1000 MICRON TSS @ 122 GPM SEE www.MaSTEP.net FOR DETAILS

siltPRISON

SCALE: 3/4" = 1'-0"

TYPICAL SILTPRISON CATCH BASIN DETAIL