## DATE: 09/04/2014 STORMPRO V WATER QUALITY TREATMENT SYSTEM DWG. NO.:Detail - STORMPRO STORMPRO SIZING TABLE environment STORMPRO NJDEP S W (ft.) (ft.) (ft.) **MODEL MTFR** Technology That Separates (cfs) # NOTES: V48 4 8 $2.5 \pm$ 1.29 1. MAXIMUM OPERATING LOSS APPROXIMATELY 0.5 FT. V510 5 $2.5 \pm$ 10 2.02 DESIGN SPECIFICATIONS CONFORM TO LATEST 6 V612 12 $3.0 \pm$ 2.90 A.S.T.M. C478 8 V816 16 4.0± 5.16 AASHTO HS20-44 SPEC. FOR V1020 10 5.0± DESIGN LOADING: 12 8.06 PRECAST REINFORCED CONCRETE MANHOLE SECTIONS. DESIGN OF FLOATABLES RETENTION WALL BASED ON ENVIRONMENT 21 ANALYSIS OF SITE-SPECIFIC STORM SEWER HYDRAULICS. G.C. TO GROUT . -BYPASS PIPE G.C. TO **GROUT** ACCESS OPENING FOR RING & COVER (TYP.) **POSSIBLE** XX" MAT'L ANTI-SCOUR OUTLET PIPE INV. XXX.XX SHELF **FLOATABLES** LOCATIONS RETENTION WALL - 4" G.C. TO GROUT <u>PLAN</u> G.C. TO SEAL/GROUT RISER RINGS AS REQUIRED ACCESS OPENING BY MUNICIPALITY RING & COVER RIM XXX.XX± RIM XXX.XX± RIM XXX.XX± **FLOW FLOW** <del>৽ᡮᠣᢜᠣᠷᡠᠷᡠᠷᡠᠷ᠘ᠷ᠘᠗ᠣᠷᠣᠷᠣᠷᠣᠷ᠘ᡵ᠘ᡵᠣᡵᠣᡵᠣᠷᠣᠷᠣᠷᠣᠷᠣᠷ᠘ᠵ᠘ᡓᢠᠣᠷᠣᠷ᠘ᠵ᠘᠘᠘᠘᠘᠘</del>ᢆᡯᢈ **FLOATABLES FLOATING** XX" MAT'L FLOW RETENTION WALL XX" MAT'L DEBRIS/OIL INV. XXX.XX INV. XXX.XX S

FLOW

**PROFILE** 

SEDIMENT

FLOOR XXX.XX±

FLOW CONTROL OPENINGS DESIGNED BY ENV 21

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