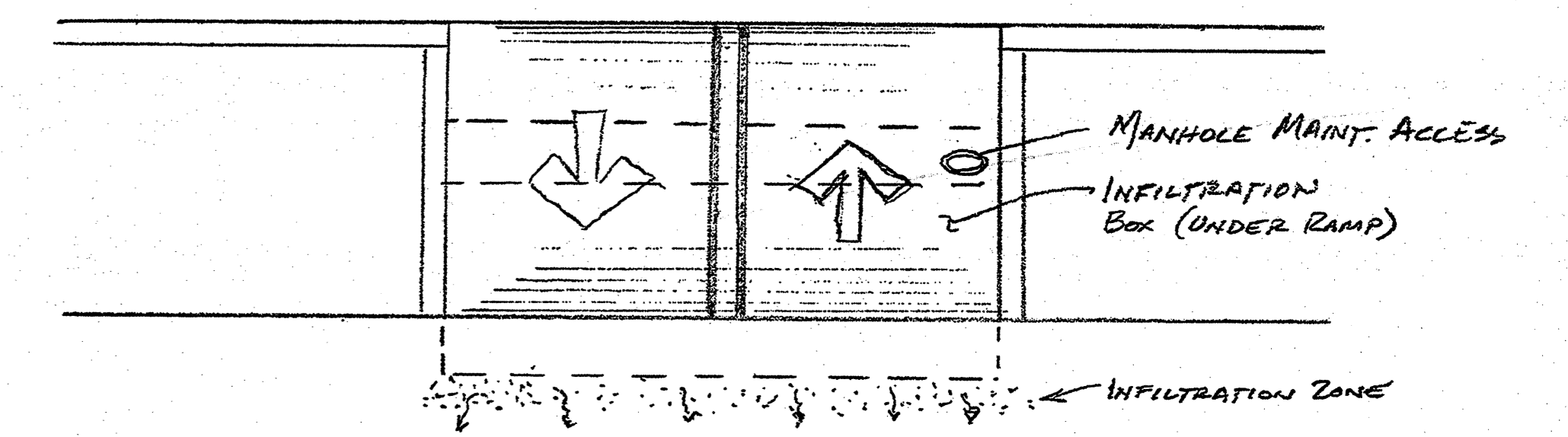
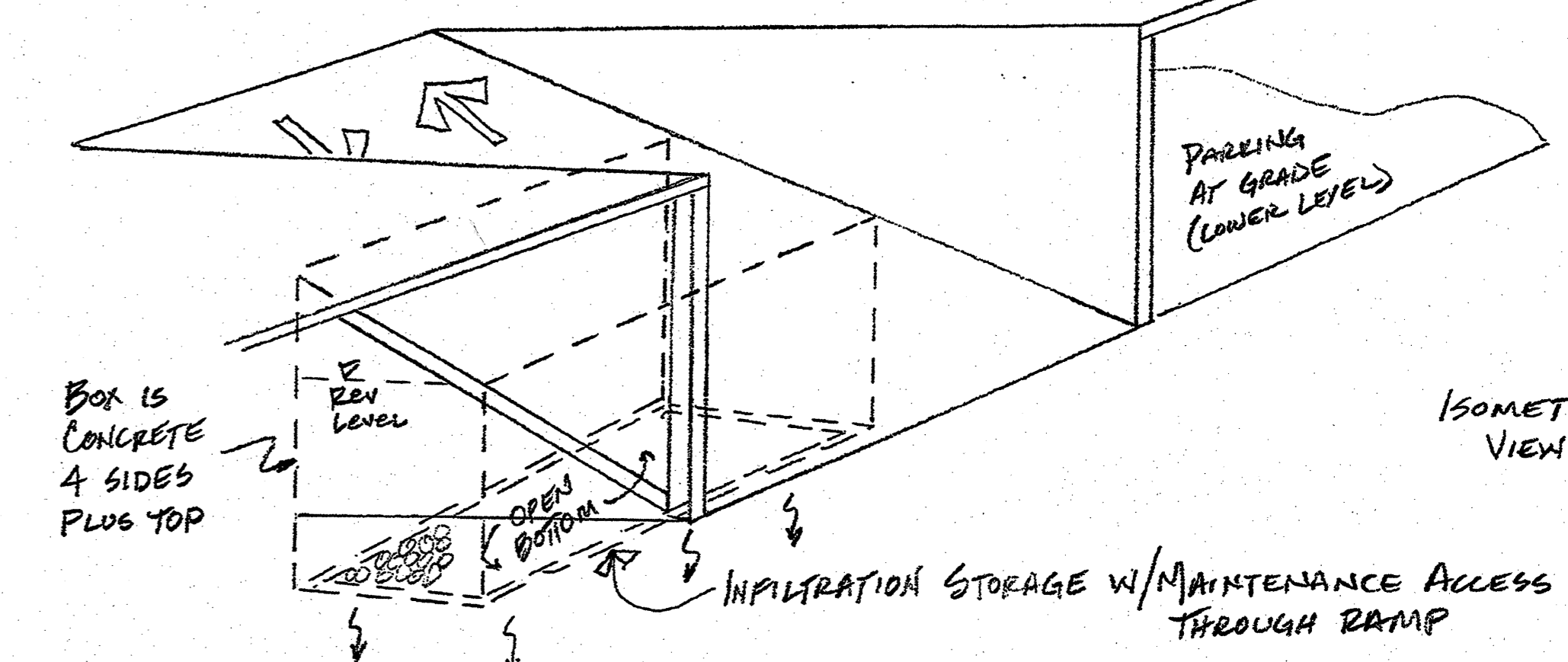


ASHTON MEETING PLACE
INFILTRATION BOX CONCEPT

ELEVATION VIEW (FT)



PARKING DECK (UPPER LEVEL)



ISOMETRIC VIEW

POI NO. 1

AREA 1A: SAND FILTER NO. 1
 WQv REQUIRED = 14,484 C.F. (75% = 10,863 C.F.)
 WQv PROVIDED => SAND FILTER = 8757 C.F.
 FOREBAY = 2282 C.F.
 BAYSAYER = 3338 C.F.
 14,337 C.F.

AREA 1B: UNDERGROUND INFILTRATION STRUCTURE (UNDER RAMP)
 WQv REQUIRED = 1104 C.F.
 WQv PROVIDED = 1728 C.F.

AREA 1C: HYDRODYNAMIC DEVICE
 WQv REQUIRED = 1906 C.F.
 WQv PROVIDED = 1906 C.F.

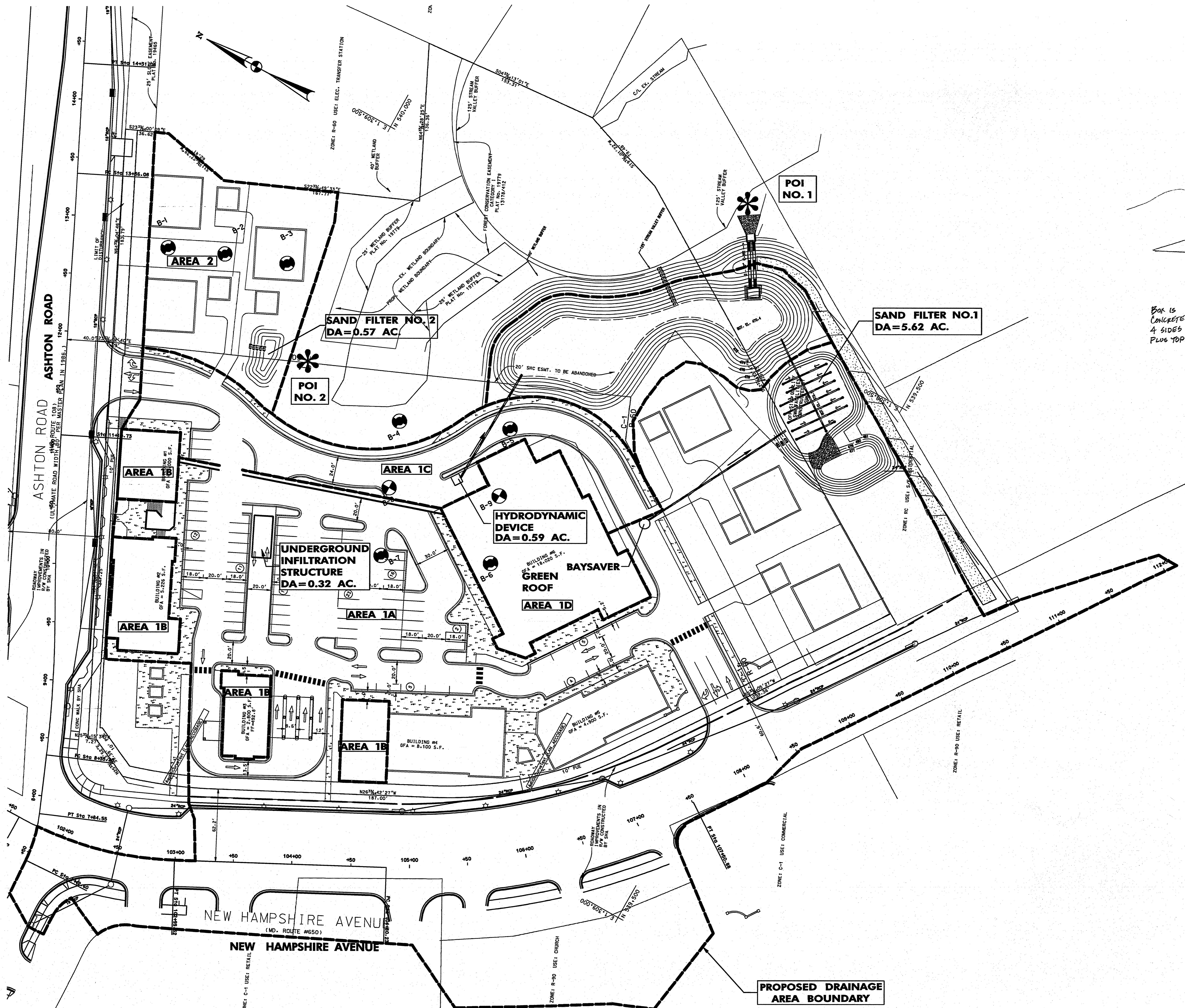
AREA 1D: GREEN ROOF
 D.A. = 0.41 AC.

CPv REQUIRED = 26,310 C.F.
 CPv PROVIDED = 28,406 C.F.

POI NO. 2

AREA 2: SAND FILTER NO. 2
 WQv REQUIRED = 828 C.F.
 WQv PROVIDED = 883 C.F.

CPv REQUIRED = 0 C.F. (LESS THAN 2.0 CFS)



ASHTON MEETING PLACE
STORMWATER MANAGEMENT CONCEPT PLAN
& DRAINAGE AREA MAP

SCALE 1" = 30' DATE AUGUST 2007 CONTRACT NO. _____

DESIGNED BY RG COUNTY MONTGOMERY

DRAWN BY DNS

CHECKED BY DJO

DRAWING NO. **SWM 01** OF **01** SHEET NO. 1 OF 1

PLOTTED: Thursday, August 30, 2007 AT 12:52 PM
 FILE: P:\05-078-01 Ashton Meeting Place\Redesign 8-07\pDA-001 AMP.dgn

BY: rgneo