



Stantec

Homeowner Information

Vista Hills Subdivision Waterloo Westside Development

Clean Water Collectors

- Development of lands to an urbanized condition reduces infiltration of rainwater into the ground. A Clean Water Collector (CWC) system has been developed in Vista Hills as part of the SWM (storm water management) strategy to address this impact.
- Once homes are constructed, the infiltration galleries (**which are already constructed and located within the City-owned roadway**) receive drainage from the rooftops and sumps of individual lots.
- The Developer's consultants will be monitoring the performance of the infiltration galleries during build out of Vista Hills to ensure that they are working. This review will take place through the associated maintenance holes located in the roadway.

For all lots, the Builders will complete the following:

- All roof leaders and sump pumps will be connected into the CWC lateral with the exception of rear roof leaders on walkout lots and townhouse units that cannot be piped to the front. In this case the rear roof leaders will discharge to grade.

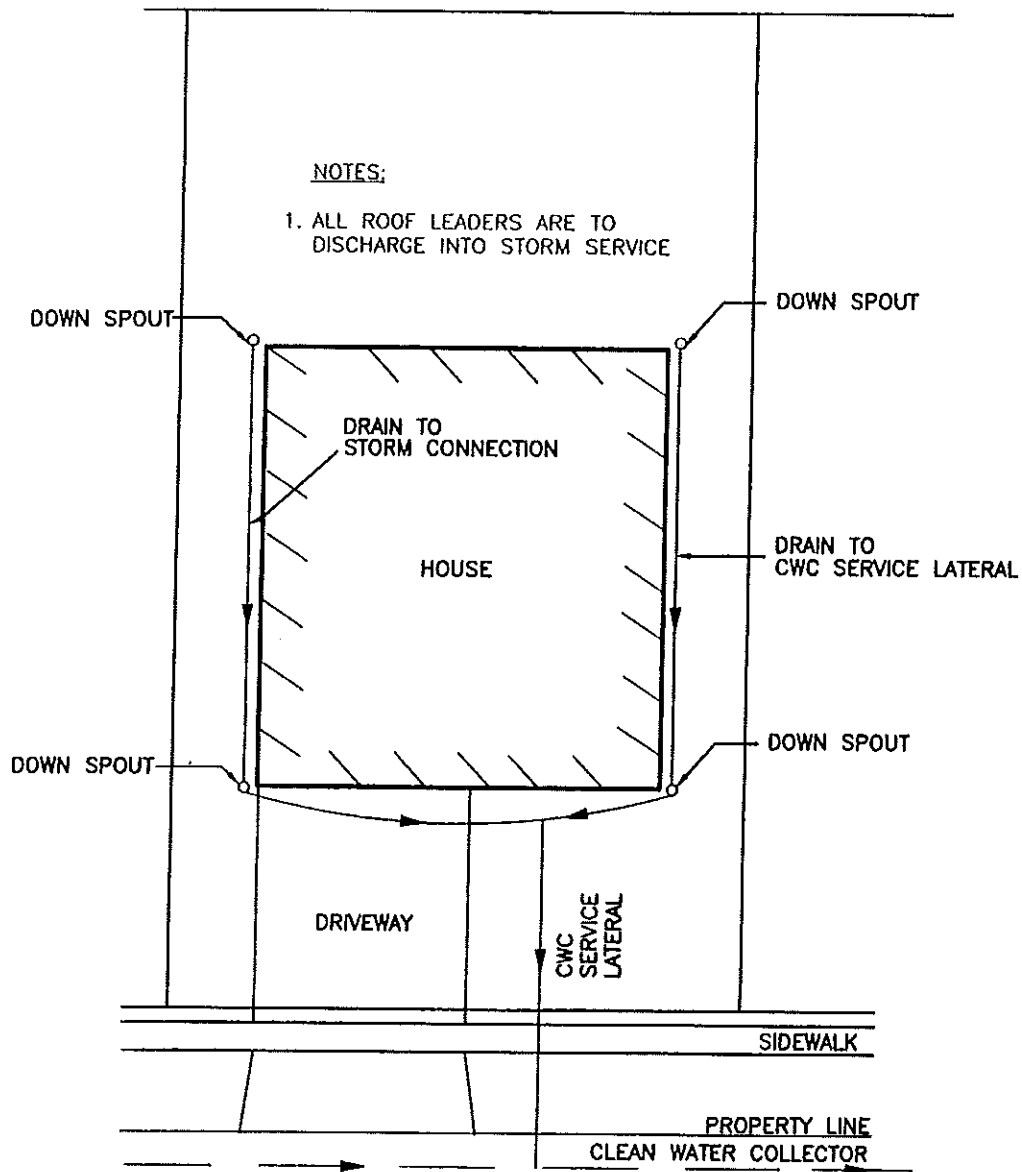
Details of the Clean Water Collector service lateral drawings are provided on the following page.

- Figures 1.0 and 2.0 show the details of the CWC system on the lot, including but not limited to screen(s) on the roof gutters and a perforated overflow/clean out cap.

Homeowner Responsibilities

- Homeowner shall NOT disconnect the roof leader from the buried CWC connection provided and are prohibited from dumping anything into this connection (it is for clean rainwater from rooftops and groundwater from sumps ONLY).
- Homeowner is responsible to inspect/clean the screen located at the gutter as shown on Figure 2. It is expected that this would be completed in the spring and the fall or more frequently if gutter is plugging (due to leaves etc.)

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TYPICAL ROOF DRAINS
N.T.S.

ORIGINAL SHEET - ANSI A

March, 1212
1603-10808



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Client/Project

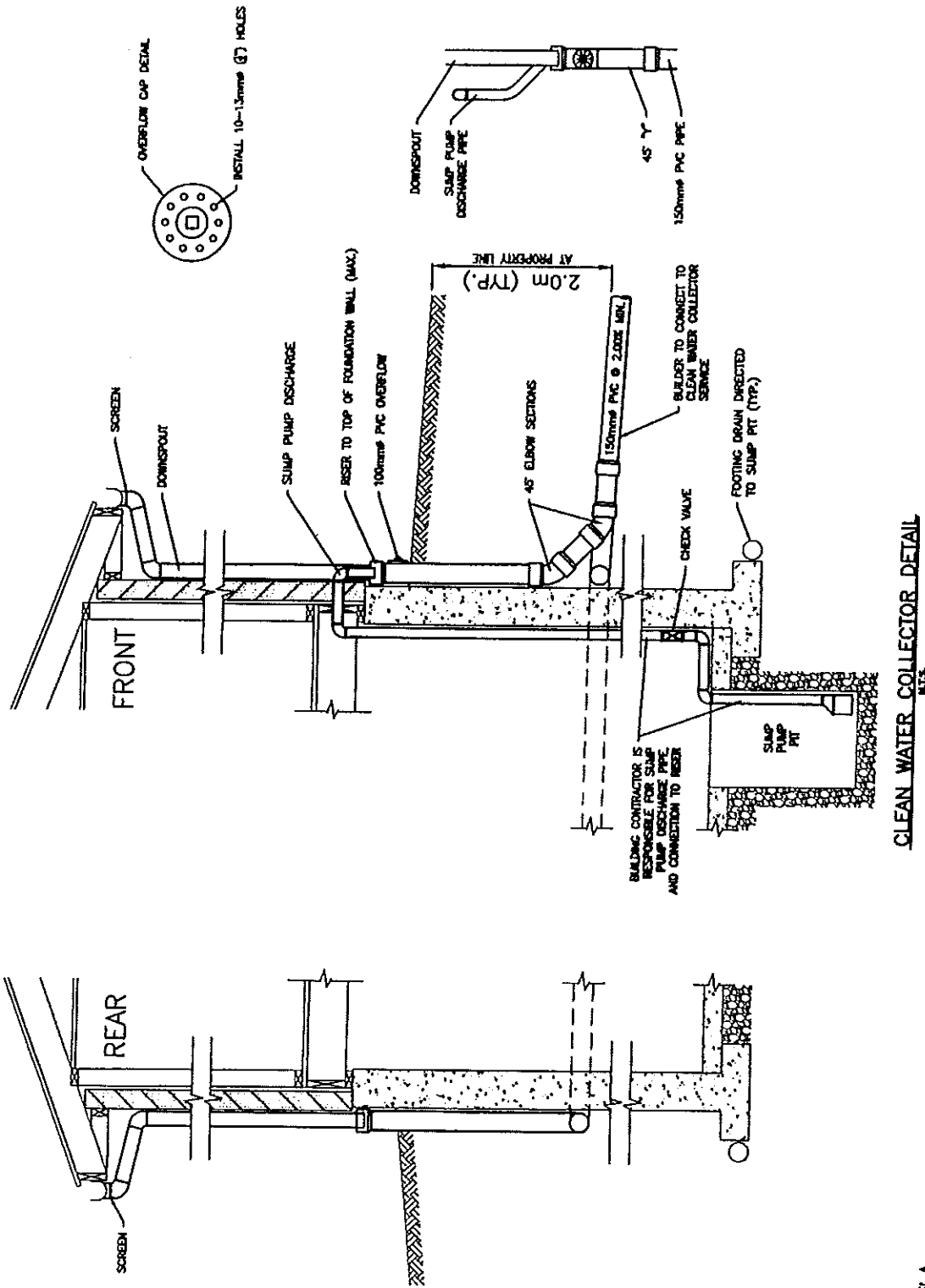
VISTA HILLS SUBDIVISION
WATERLOO WESTSIDE DEVELOPMENT

Figure No.

1.0

Title

TYPICAL
ROOF DRAIN



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VISTA HILLS SUBDIVISION
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Figure No.

2.0

Title

TYPICAL STORM WATER
 COLLECTION DETAIL