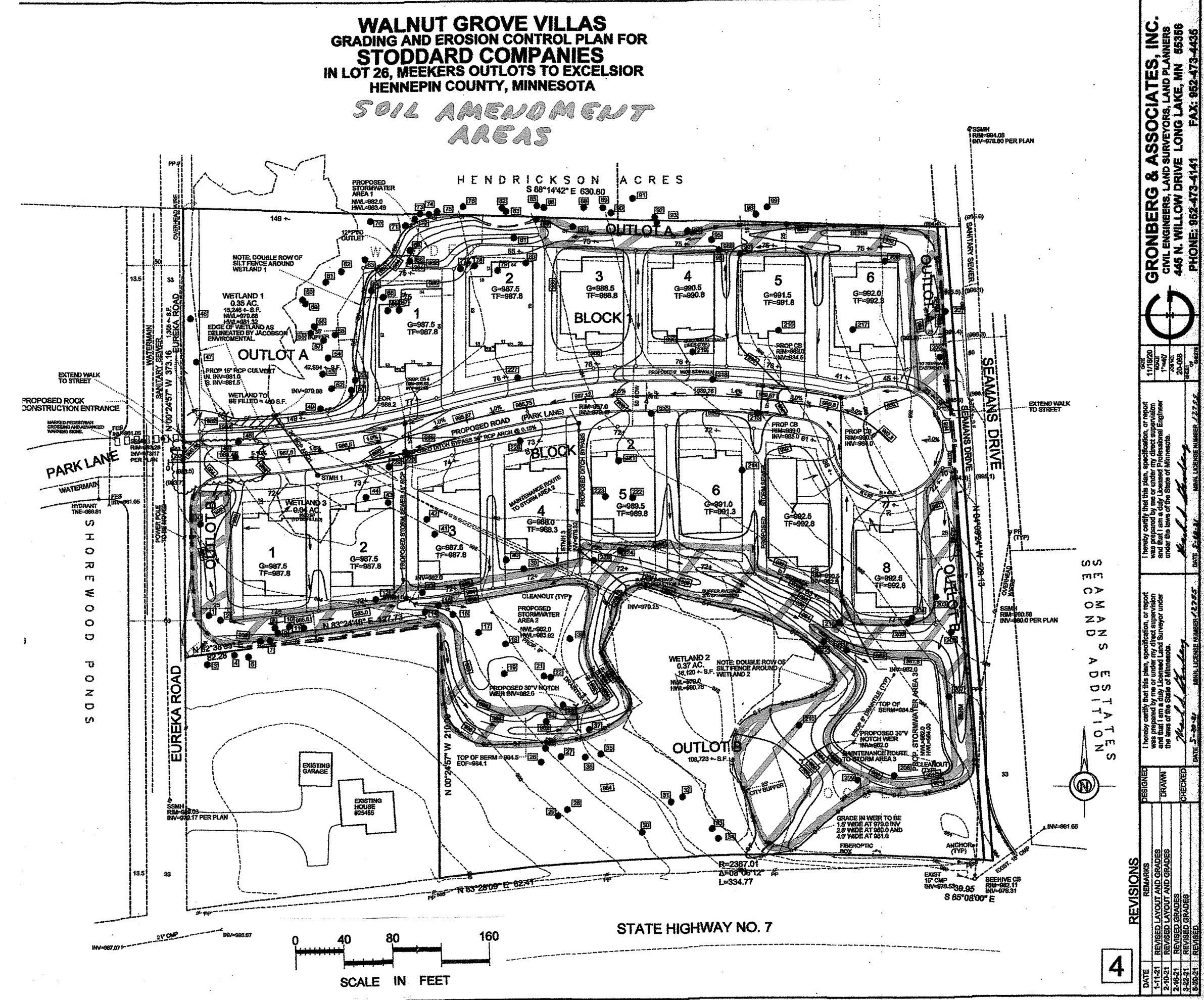
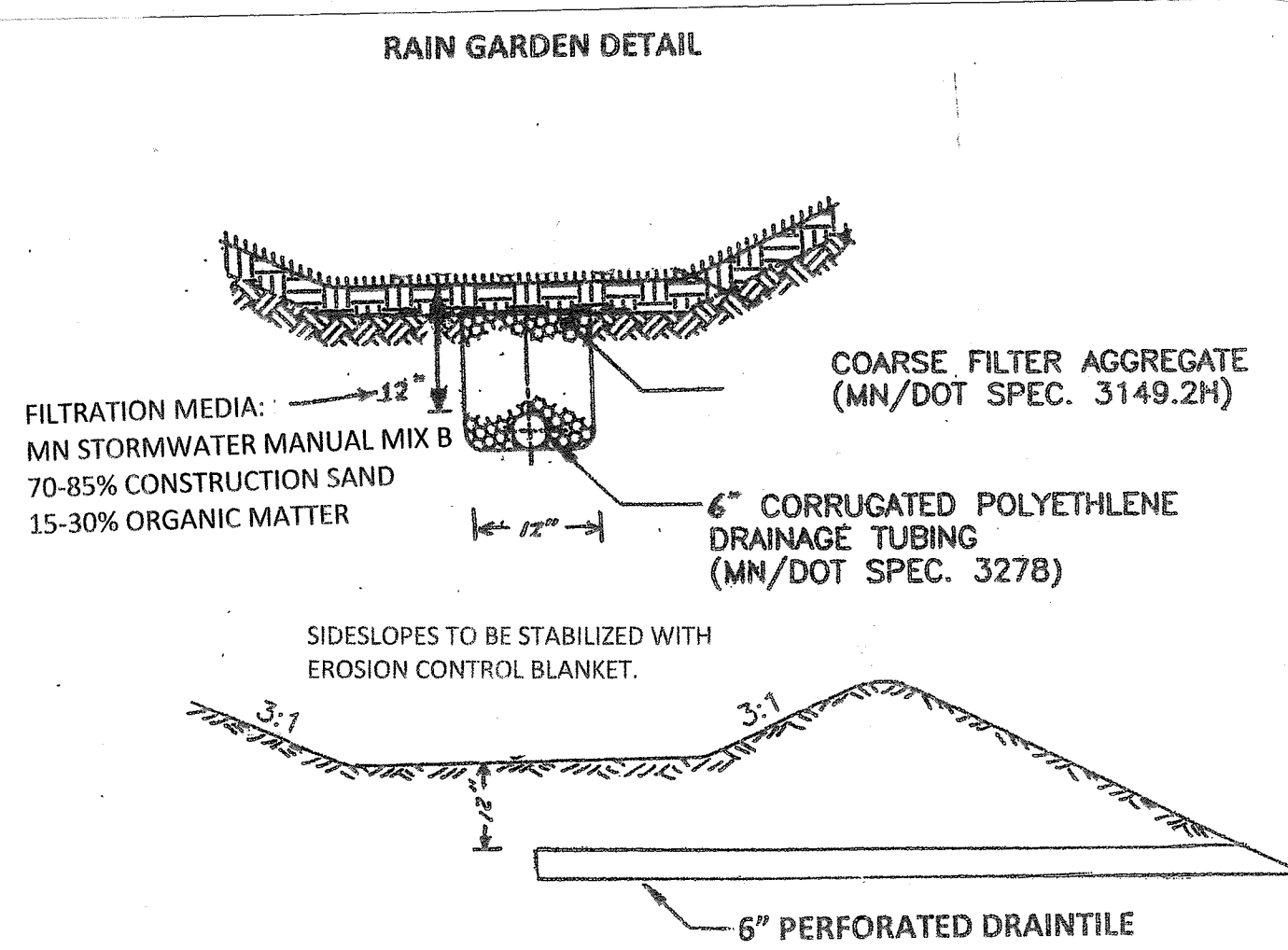
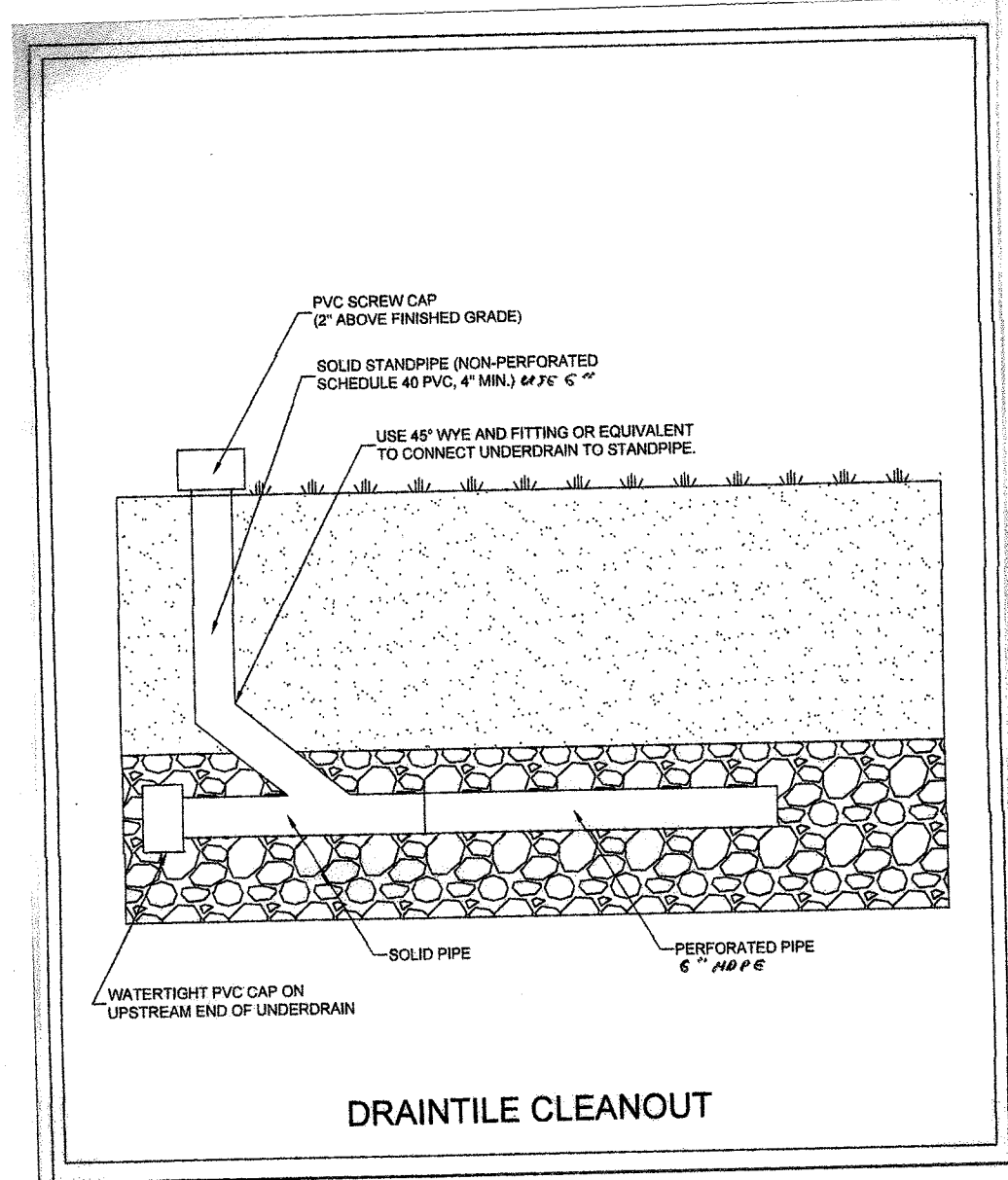
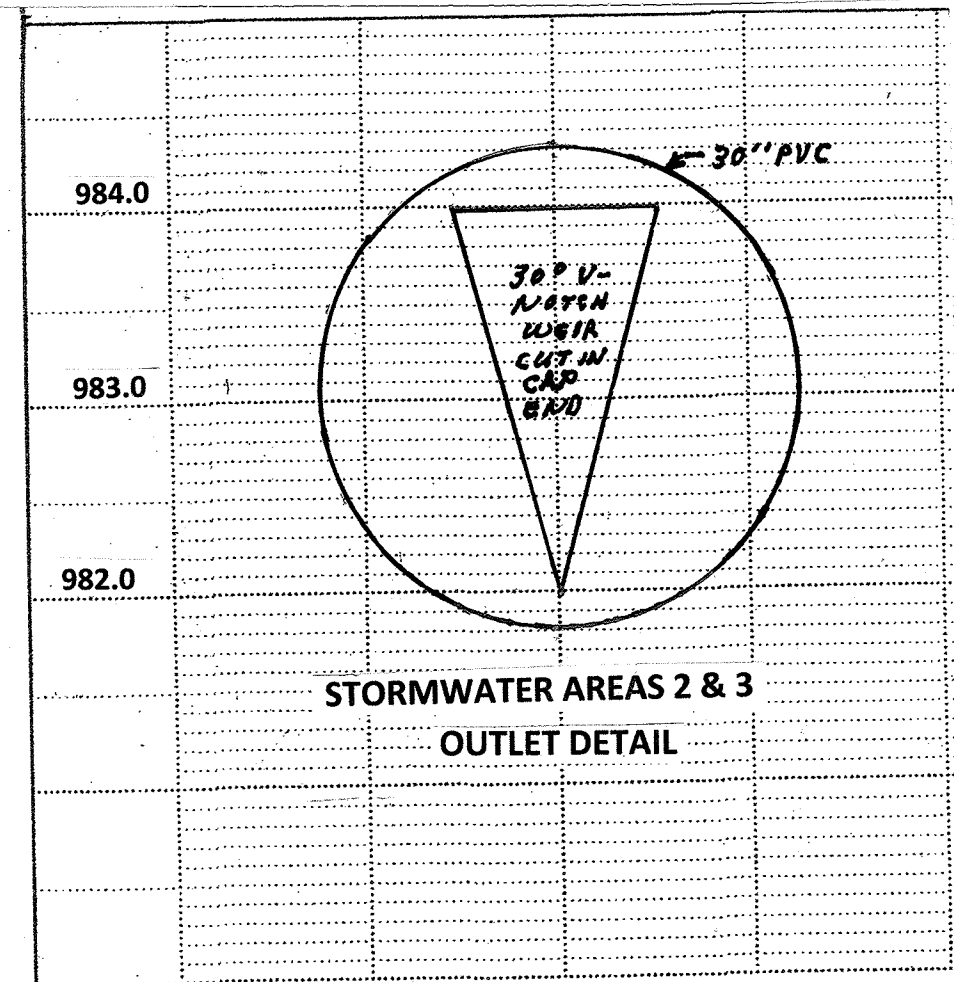
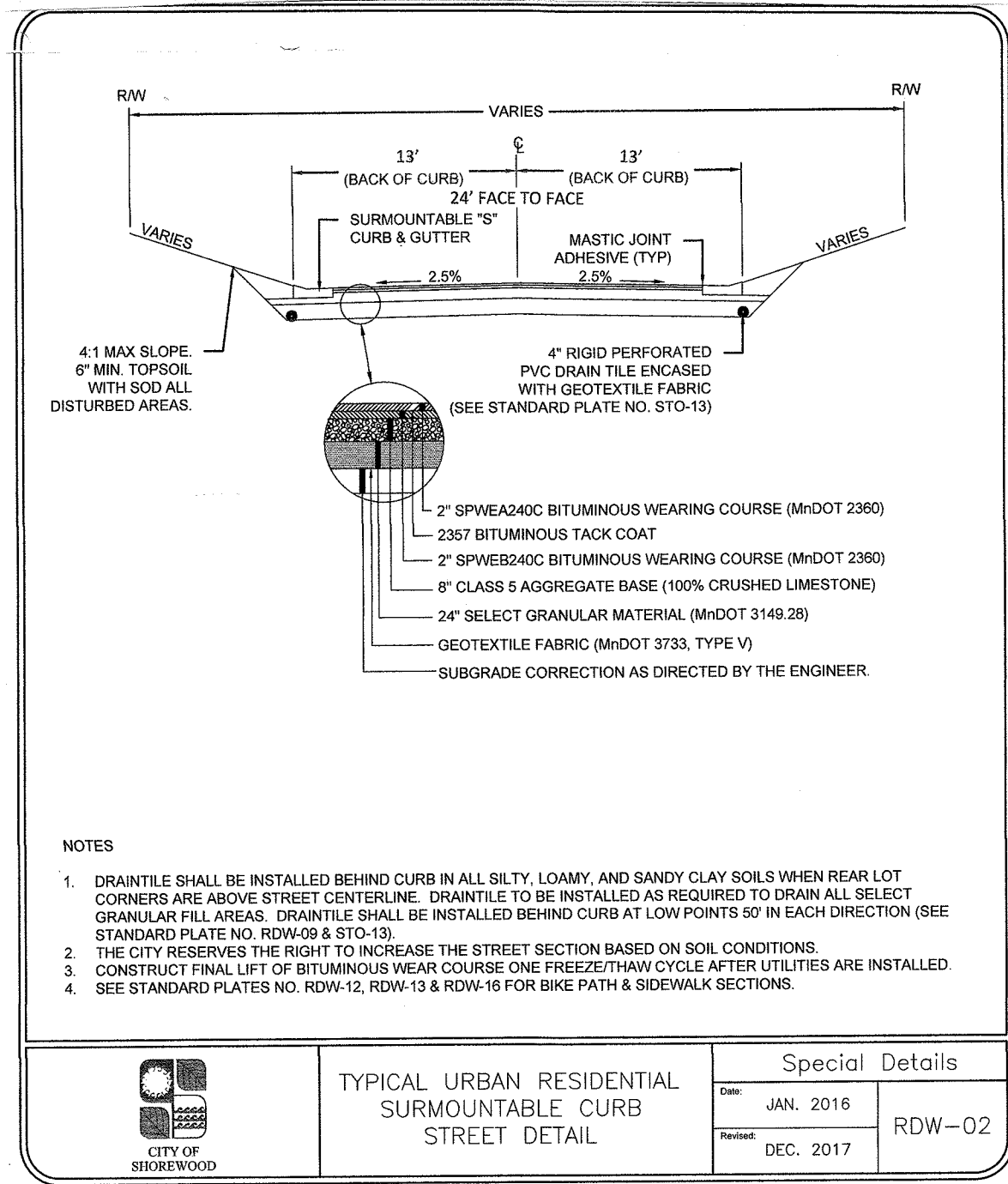


# WALNUT GROVE VILLAS DETAILS FOR STODDARD COMPANIES IN LOT 26, MEEKERS OUTLOTS TO EXCELSIOR HENNEPIN COUNTY, MINNESOTA



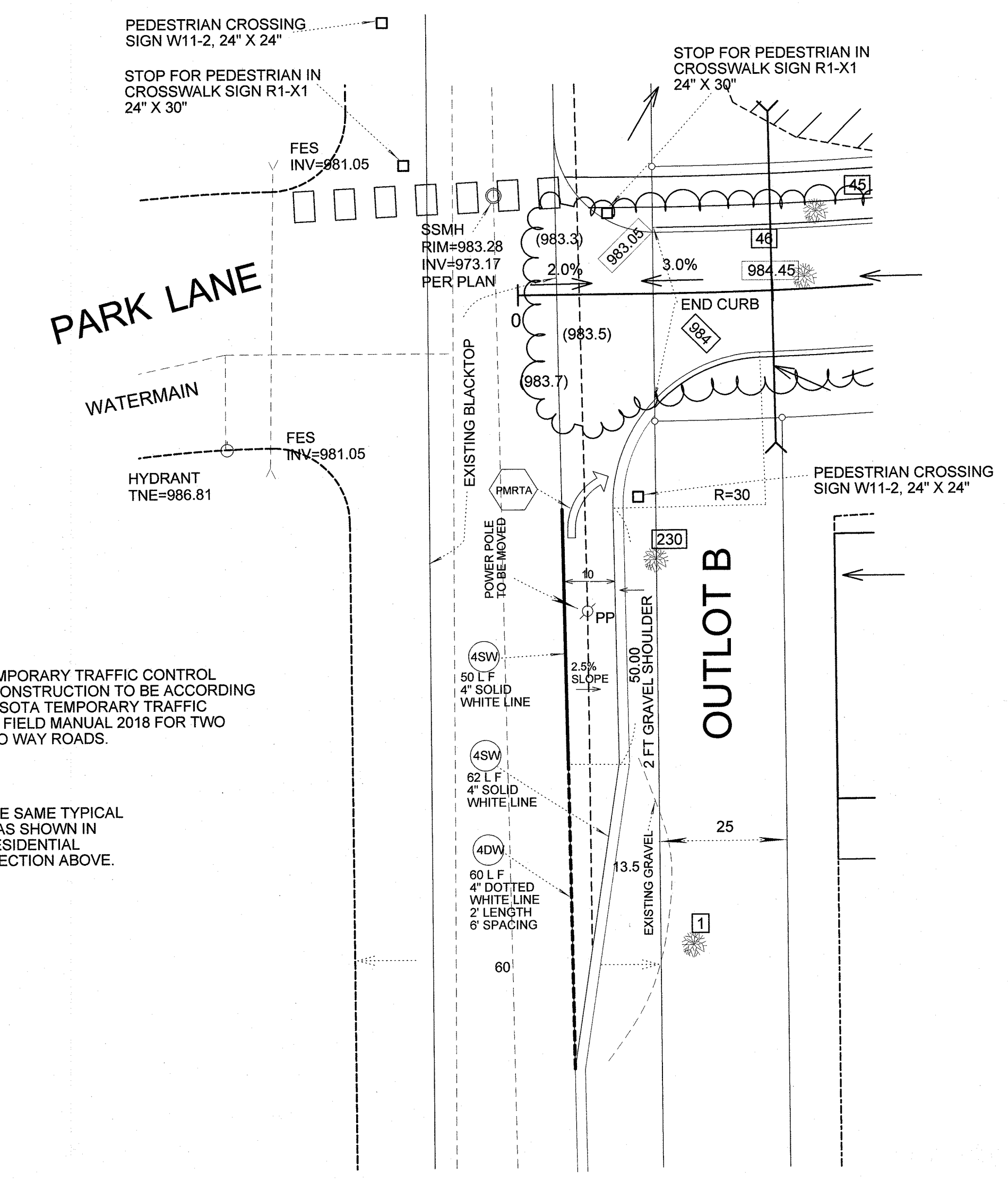
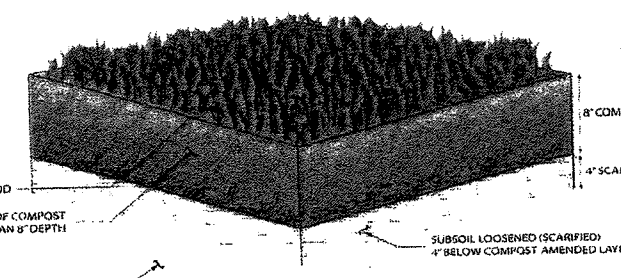
**MINNEHAHA CREEK WATERSHED DISTRICT**  
QUALITY OF WATER QUALITY OF LIFE

**SOIL AMENDMENT INFILTRATION CREDIT**

Applicants may receive credit towards the infiltration volume requirement by amending on site soils to meet post construction soil quality and amendment depth requirements. Areas that will be subjected to clearing, grading, or compaction that will not be covered by impervious surface, incorporated into a drainage facility, or engineered as structural fill or slope may be included in the credit calculation if they meet post construction soil quality and amendment depth requirements. The applicant may compute a credit of 0.5 inches over the soil amendment area and apply that toward the abstraction volume requirement. Applicant must include in the project review submittal a plan sheet showing all areas where soil will be amended and protected from recompaction once amended; a plan detail showing the proposed amended soil cross section; a soil specification indicating how the applicant will achieve the required organic content in the amended soil; and credit computations.

- A minimum 8-inch depth of compost amended soil or imported topsoil shall be placed in all areas of the project site being considered for the abstraction credit. Before the soil is placed, the subsoil must be scarified (loosened) at least 4 inches deep, with some incorporation of the amended soil into the existing subsoil to avoid stratified layers.
- Soil amendment may be achieved by either mixing 2 inches of approved compost into the 8 inches of soil depth, or by mixing a custom-calculated amount of compost to achieve 8 inches of compacted soil depth with a minimum organic content of five percent.
- The amended areas must pass a 12-inch probe test during the site final inspection by the City. Once amended, soil areas must be protected from recompaction.

Credit to be computed as follows: Total amended area (sq) x 0.5"/12" = Total credit volume (cf)



NOTE: TEMPORARY TRAFFIC CONTROL DURING CONSTRUCTION TO BE ACCORDING TO MINNESOTA TEMPORARY TRAFFIC CONTROL FIELD MANUAL 2018 FOR TWO LANE, TWO WAY ROADS.

NOTE: USE SAME TYPICAL SECTION AS SHOWN IN URBAN RESIDENTIAL STREET SECTION ABOVE.

**GRONBERG & ASSOCIATES, INC.**  
CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS  
445 N. WILLOW DRIVE LONG LAKE, MN 55356  
PHONE: 952-473-4141 FAX: 952-473-4435

DATE: 5-20-21  
SCALE: 20/088  
SHEET: 10/088

DESIGNED: [Signature]  
DRAWN: [Signature]  
CHECKED: [Signature]

REVISIONS:  
4

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