

| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-----------|-------------|-----------|--------------|
| HAWAII | HAW. | 93A-06-98 | 2001 | 35 | 68 |

TEMPORARY EROSION CONTROL NOTES:

1. Follow "Minimum BMP Checklist for Small Projects" as recommended on "Rules Relating to Soil Erosion Standards and Guidelines," April 1999, of the Dept. of Planning & Permitting, City & County of Honolulu.
2. The contractor shall minimize the amount of land to be exposed at any one time.
3. All graded areas shall be grassed immediately after final grades are established. Grass planting shall be in accordance with Section 51 of the "Standard Specifications for Public Works Construction," dated September 1986.
4. Graded areas that are not at final grade and are expected to be exposed for more than 30 days shall be mulched (at a rate of 45 cubic feet per 1,000 square feet) in order to prevent erosion and silt runoff.
5. Temporary erosion controls shall not be removed before permanent erosion controls are in place and established.
6. 8" thick, #2 crushed rock shall be used as a stabilization control at all construction entry and exit locations.
7. The roadways, sidewalk and gutter shall be cleared on a daily basis to be free of debris and sediment resulting from the grading operations.
8. At the end of the grading operations, the surrounding catch basins shall be inspected. Any accumulated sediment and debris shall be removed.

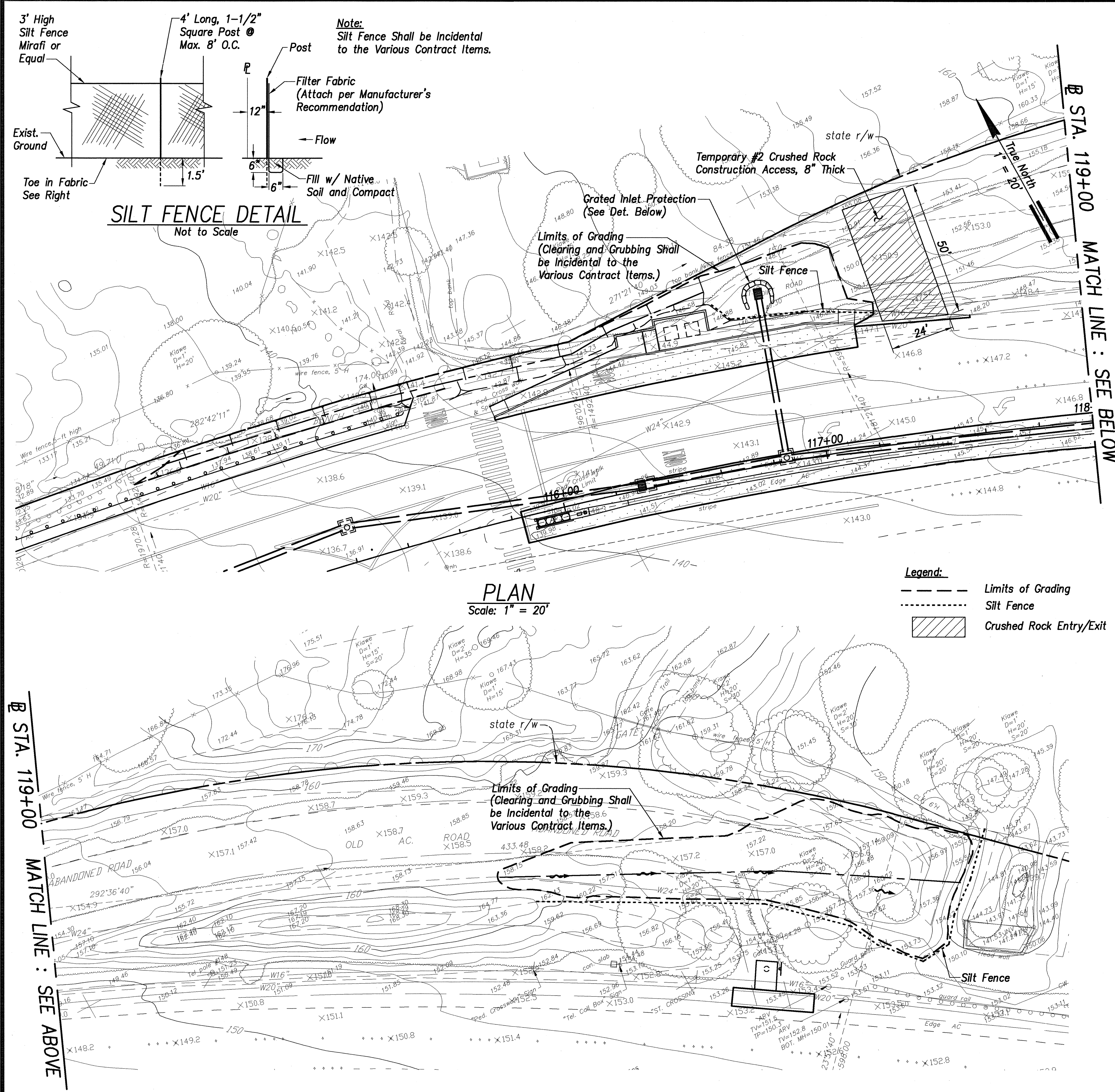
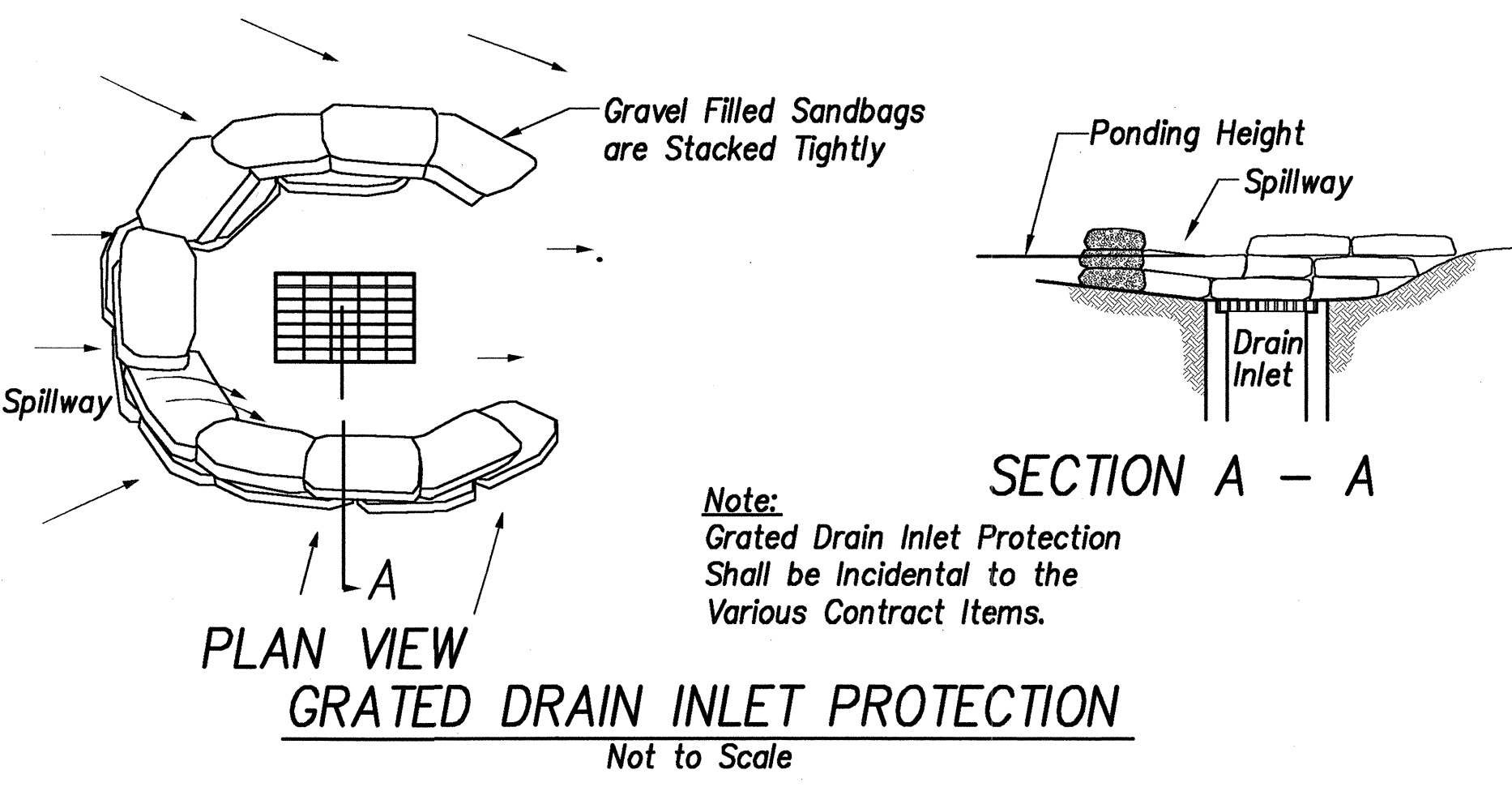
BMP NOTES:

Temporary erosion control measures:

1. Prior to clearing land for grading, temporary silt fences shall be installed.
2. Stabilized entry/exit driveways shall be established shown on plans, prior to grading operations.
3. Place sediment barriers (gravel sandbags) where water can pond and allow sediment to separate from runoff.
4. Sandbags, of either burlap or woven geotextile fabric, are filled with gravel, layered and packed tightly.
5. Leave one sandbag gap in the top row to provide a spillway for overflow.
6. Silt which has accumulated inside the sediment basins shall be removed and disposed of on a bi-weekly basis and soiled water which has accumulated shall be pumped out to an off-site location daily after each storm throughout the construction period.
7. When cleared or grubbed areas are not to be graded or disturbed for 30 days or more, seed, plant, or hydroseed temporary vegetation, unless remaining natural vegetation provides adequate protection.

PERMANENT EROSION CONTROL MEASURES:

1. Graded areas to remain covered with grass until development is completed.



| | |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DESIGNED BY | |
| NOTED BY | |
| CHECKED BY | |

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

EROSION CONTROL PLAN

FARRINGTON HIGHWAY
Intersection Improvements at Waiomea Street
Project No. 93A-06-98

Scale: 1" = 20' Date: August 2000

SHEET No. C-29 OF 29 SHEETS