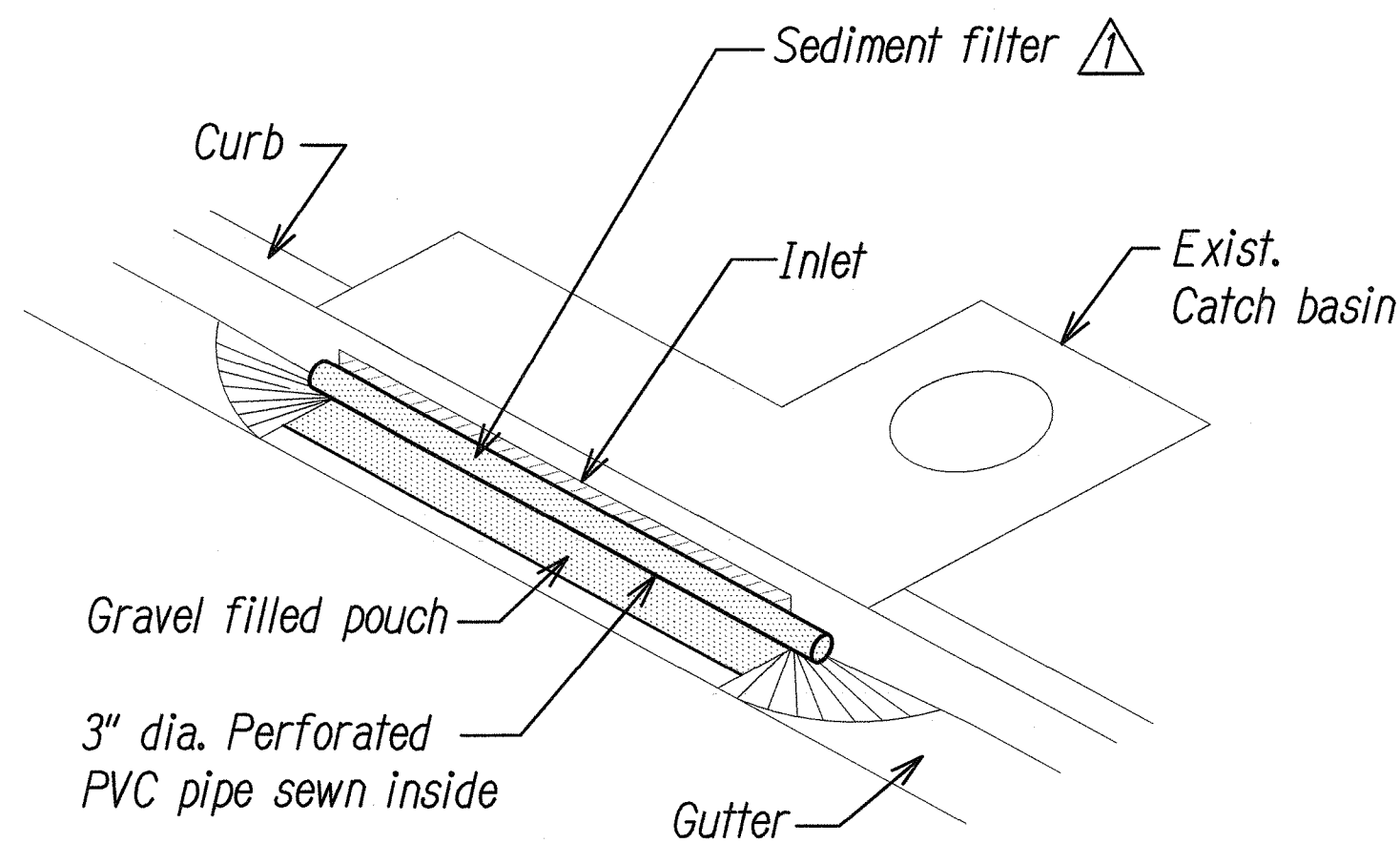


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-7413(2)	2011	ADD. 6	29



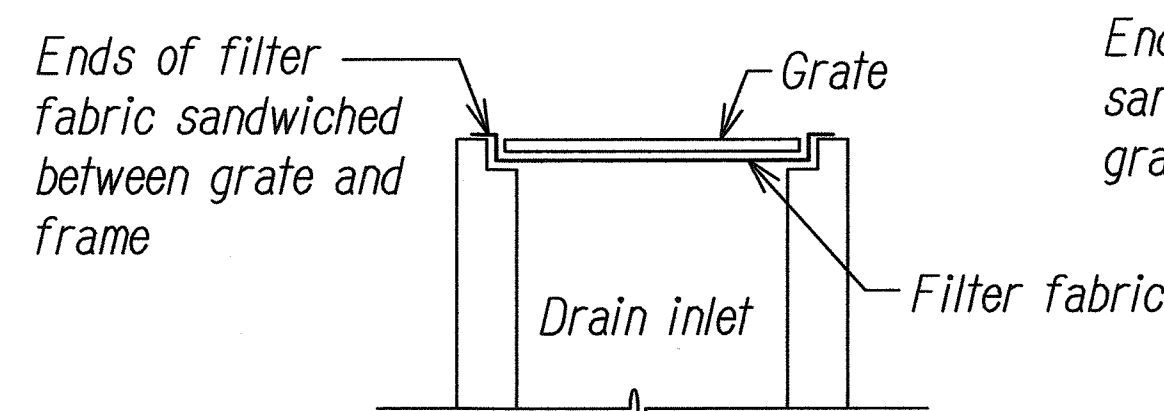
NOTES:

1. The Contractor shall use best professional judgement (BPJ) to establish when inlet filters should be removed during times of above normal rainfall events to avoid threats to public health and/or safety. The contractor shall use BPJ to establish when inlet filters should be replaced once the event has passed.
2. To be installed at all existing catch basins adjacent and downstream of work areas.

3. See sht. no. 17 & 18 for locations.

SEDIMENT CONTROL FILTER AT CATCH BASIN

NOT TO SCALE

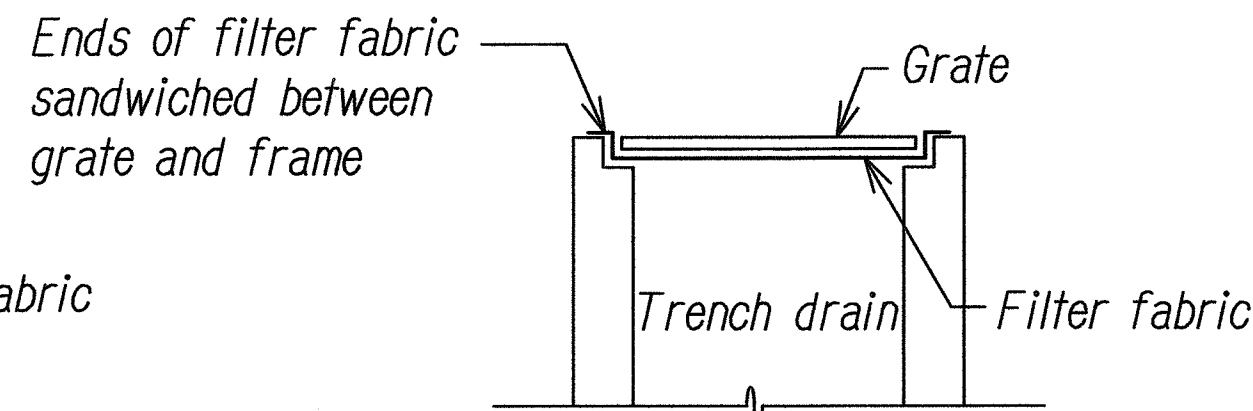


NOTES:

1. Filter fabric shall be 15 mil (min.) "Envirofence #10800" by Nicolon Corp. or approved equal.
2. Contractor shall check the condition of the filter at the beginning and ending of each work day and repair/ clean as necessary.
3. The contractor shall remove inlet filters during times of above normal rainfall events and replace them when the event has passed.
4. To be installed at all existing drain inlets adjacent and downstream of work areas.

TEMPORARY SEDIMENT BARRIER AT DRAIN INLET

NOT TO SCALE



NOTES:

1. Filter fabric shall be 15 mil (min.) "Envirofence #10800" by Nicolon Corp. or approved equal.
2. Contractor shall check the condition of the filter at the beginning and ending of each work day and repair/ clean as necessary.
3. The contractor shall remove inlet filters during times of above normal rainfall events and replace them when the event has passed.
4. To be installed at all existing trench drains adjacent and downstream of work areas.

TEMPORARY SEDIMENT BARRIER AT TRENCH DRAIN

NOT TO SCALE

ENVIRONMENTAL PROTECTION NOTES

1. The contractor, at his own expense, shall provide effective measures for the control of fugitive dust emissions from the project and surrounding areas caused by his operations. These measures shall meet the requirements of State Administrative Rules, Department of Health, Air Pollution Control (11-60.1).
2. All grading operations shall be performed in conformance with the applicable provisions of the grading ordinance to prevent Violation of The State Administrative Rules, Department of Health, Water Pollution Control and Water Quality Standards (11-54, 11-55) due to erosion and run off to state waters.
3. Grub material, demolition wastes, and construction wastes shall be disposed of at an authorized site having a Department of Health Solid Waste Management permit. Open burning is prohibited.
4. All excess material shall be removed from the project site.

TEMPORARY DUST CONTROL MEASURES

1. The graded or project site that is cleared of vegetation shall be kept damp for seven (7) days a week. At the end of each day, the site shall be sufficiently dampened so that the site will remain moistened during the night.
2. The contractor shall conduct his operations so that excavation, embankment, and imported material shall be dampened to prevent dust problems.

TEMPORARY EROSION CONTROL MEASURES

1. Temporary vegetative cover shall be planted or fibermulch applied as soon as final grades are achieved, or if final grading of the site will be suspended for more than 21 calendar days.
2. Temporary vegetative cover shall consist of 40 lbs, common rye grass seed per acre, 400 lbs, per acre 10-10-10 or equivalent fertilizer worked into the soil concurrently with all plantings. planting and maintenance of grass shall conform to the "Hawaii Standard Specifications for Road and Bridge Construction", 2005.

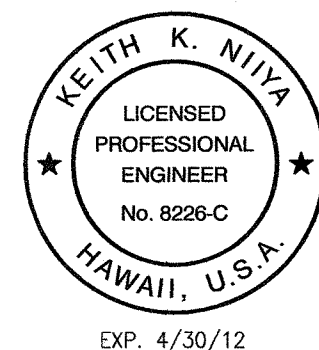
PERMANENT EROSION CONTROL MEASURES

1. The contractor shall grass the entire project site, except paved and concrete areas, with specified grassing. The grass shall be planted, fertilized, and maintained in accordance with the "Hawaii Standard Specifications for Road and Bridge Construction", 2005.
2. The contractor shall grass all exposed areas as soon as final grades are achieved.

EROSION CONTROL/BEST MANAGEMENT PRACTICES NOTES

1. Erosion control measures to be installed prior to start of construction and be maintained until completion of all construction activities.
2. The final lift of each day's work shall be compacted to prevent erosion of fill material.
3. Catch basin and drain inlet filters shall remain until completion of construction work. Contractor shall periodically inspect catch basin and inlet filters, especially during heavy rainfall, to ensure drainage through filter material is maintained.
4. Good housekeeping shall be utilized to ensure protection of roadways from mud, dirt, and debris.
5. At the end of grading operations and at the completion of project, contractor shall inspect all catch basin, drain inlet and drain manhole surrounding the project site. Any accumulated sediment and debris found in the storm drain structures shall be removed. Please note that flushing into the drain structures are prohibited.
6. The Contractor shall obtain permits and/or licenses for the location of the equipment staging/storage area and provide a copy to the Engineer.

SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



This work was prepared by me or under my supervision and construction of this project will be under my observation. (Observation of construction as defined in Chapter 16-115 Subchapter 1 Definitions of the Hawaii Administrative Rules Professional Engineers, Architects, Surveyors, and Landscape Architects.)

9/14/11	REV. UPPER RT. CORNER BLOCK; ADDED SHT. NUMBER; REV. SED. DET.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TEMPORARY WATER POLLUTION, DUST AND EROSION CONTROL	
LILIHA STREET TRAFFIC SIGNAL AT KUKUI STREET FEDERAL AID PROJECT NO. HSIP-7413(2)	
Scale: As Noted	Date: July 2011

SHEET No. 6 OF 29 SHEETS

ADD. 6