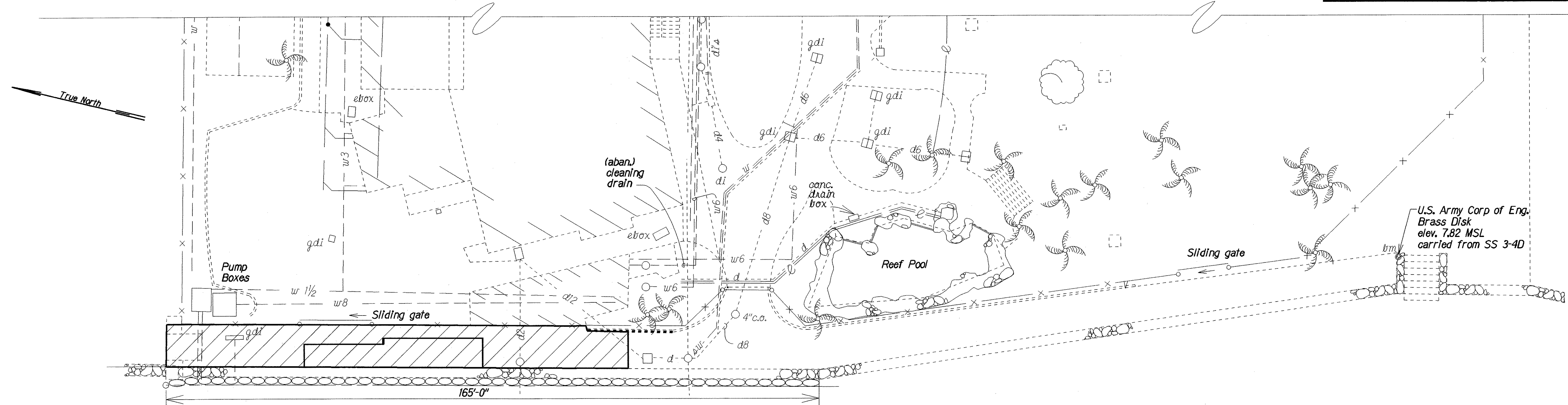


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(43)	2002	6	12



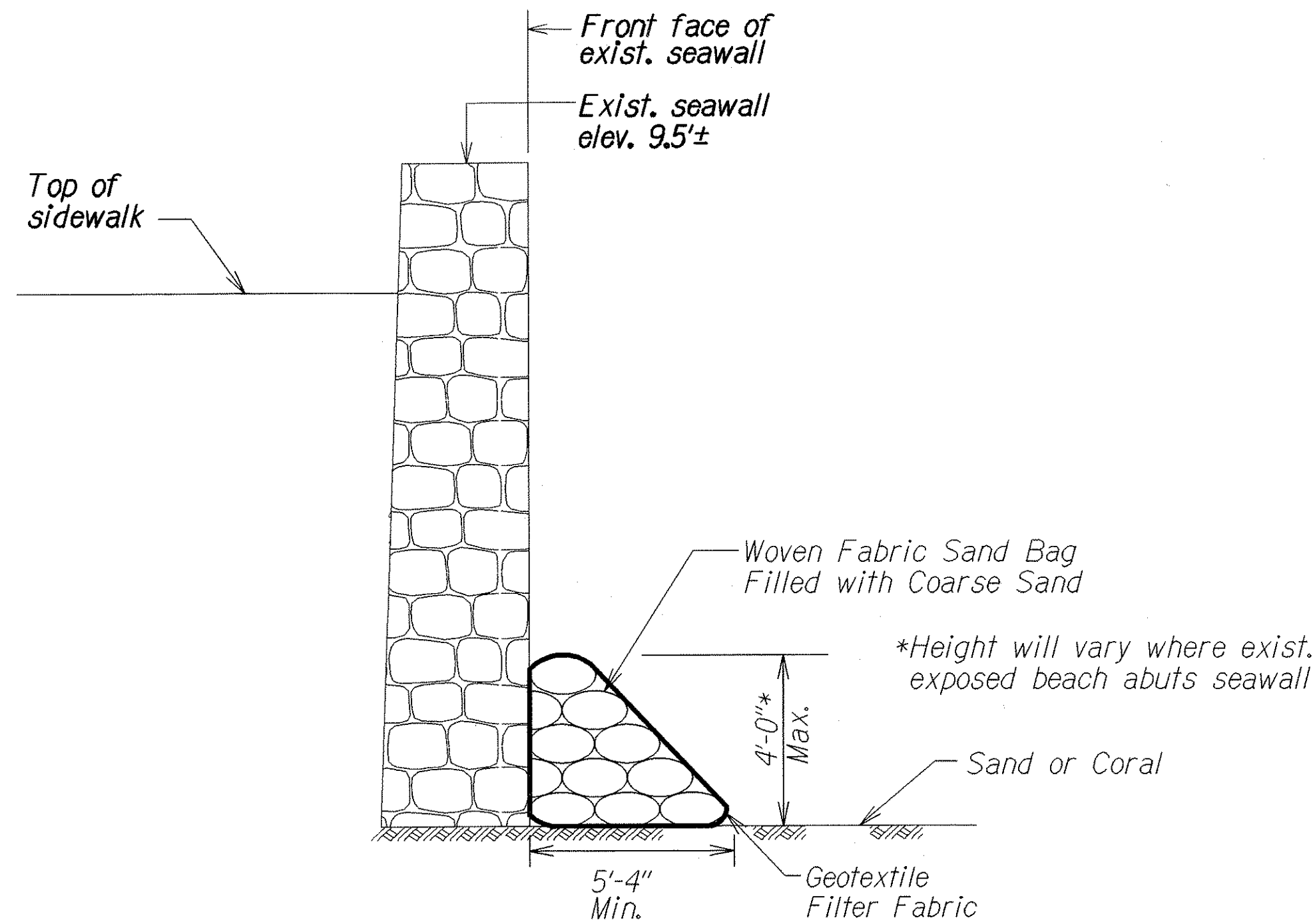
PLAN DETAIL
NOT TO SCALE

BMP GENERAL NOTES:

1. Install sand bags as shown to minimize discharge of turbid seawater during construction activities.
2. Excavated material shall be hauled offsite for disposal. Rock crushing is not allowed onsite.
3. Sand bags shall be installed to contain the work area. Sand bags shall be stacked in alternating directions.
4. Sand bag material shall be polypropylene, polyethylene or polyamide woven fabric, minimum weight four (4) ounces per square yard, mullen burst strength exceeding 300psi and ultra violet stability exceeding 70 percent.
5. Geotextile Filter fabric shall be Amoco Nonwoven style 4552 or approved equal.
6. Fill material for sand bags shall be imported beach sand.
7. Sand bag size shall be 24 to 30 inches long, 16 to 18 inches wide, and 6 to 8 inches thick. Sand bag weight shall be a minimum 90 pounds.
8. Routinely inspect sand bags and replace or reshape damaged sand bags immediately.
9. Disposal of sand bag fill material shall be done offsite.
10. Any deviations from these BMP's shall be at the Contractor's expense and no additional contract time will be approved.
11. Payment for BMP's as shown here will be paid for under Item No. 209.0100 - Site Specific BMP.
12. Any additional, site specific BMP's shall be installed as specified by the Engineer. Payment will be made under Item No. 209.0200- Water Pollution and Erosion Control.

LEGEND:

- Work Area
- Sand Bags-4 Ft. High Max.



SAND BAG SECTIONAL DETAIL
Not to Scale

DESIGNED BY	DATE
NOTED BY	10/1/01
QUANTITIES BY	10/1/01
CHECKED BY	10/1/01

APPROVED:

11/14/01
DATE
SENIOR VICE-PRESIDENT
FOR ADMINISTRATION
UNIVERSITY OF HAWAII
STATE OF HAWAII

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL BMP
NOTES, PLANS, & DETAIL
WAIKIKI AQUARIUM
REPAIR OF PEDESTRIAN WALKWAY
Federal Aid Project No. STP-0300(43)
Scale: Not To Scale
Date: Oct., 2001

SHEET No. 1 OF 1 SHEETS