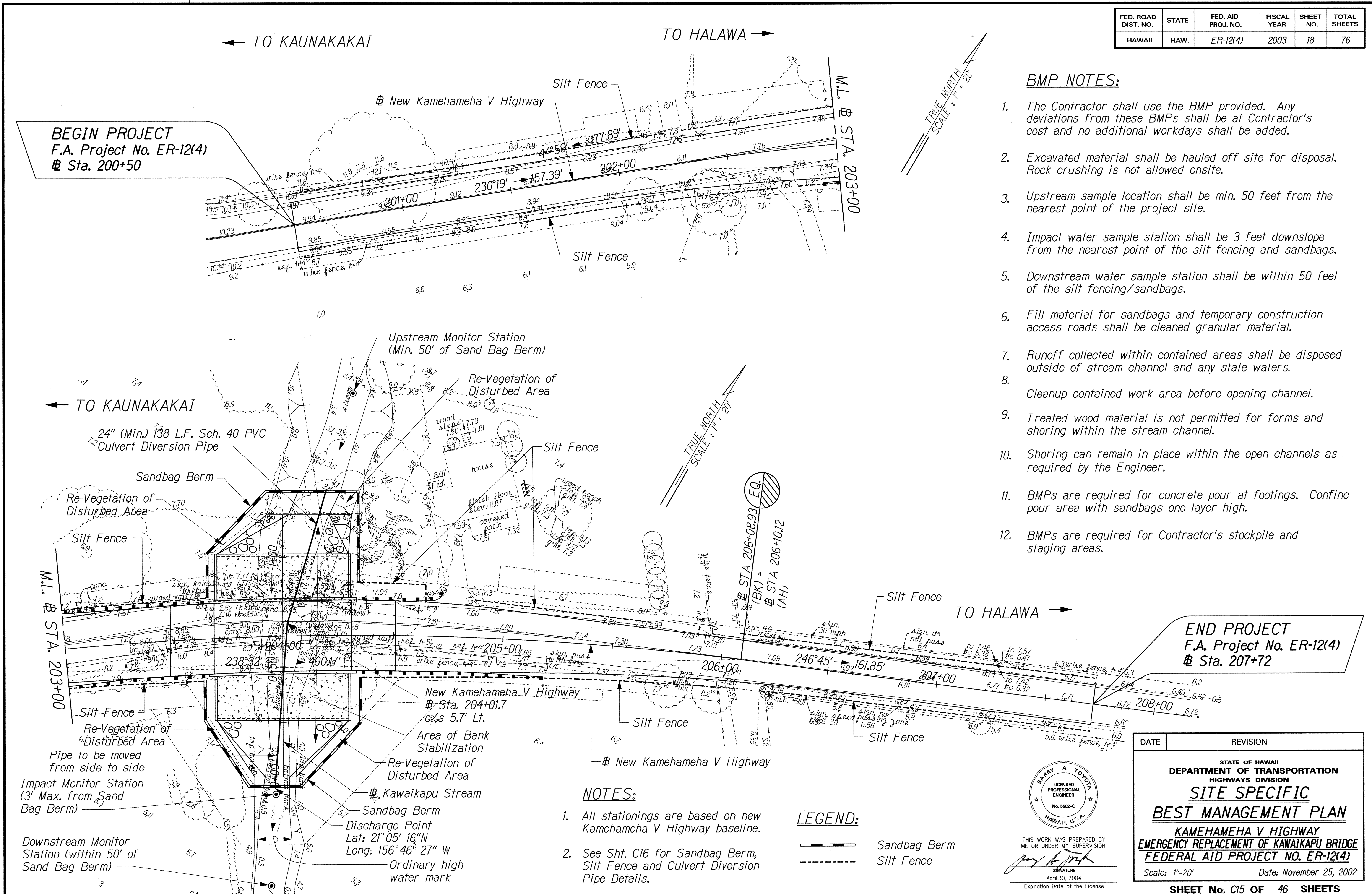


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | ER-12(4) | 2003 | 18 | 76 |



BMP NOTES:

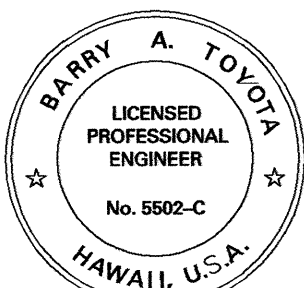
1. The Contractor shall use the BMP provided. Any deviations from these BMPs shall be at Contractor's cost and no additional workdays shall be added.
2. Excavated material shall be hauled off site for disposal. Rock crushing is not allowed onsite.
3. Upstream sample location shall be min. 50 feet from the nearest point of the project site.
4. Impact water sample station shall be 3 feet downslope from the nearest point of the silt fencing and sandbags.
5. Downstream water sample station shall be within 50 feet of the silt fencing/sandbags.
6. Fill material for sandbags and temporary construction access roads shall be cleaned granular material.
7. Runoff collected within contained areas shall be disposed outside of stream channel and any state waters.
8. Cleanup contained work area before opening channel.
9. Treated wood material is not permitted for forms and shoring within the stream channel.
10. Shoring can remain in place within the open channels as required by the Engineer.
11. BMPs are required for concrete pour at footings. Confine pour area with sandbags one layer high.
12. BMPs are required for Contractor's stockpile and staging areas.

NOTES:

1. All stationings are based on new Kamehameha V Highway baseline.
2. See Sht. C16 for Sandbag Berm, Silt Fence and Culvert Diversion Pipe Details.

LEGEND:

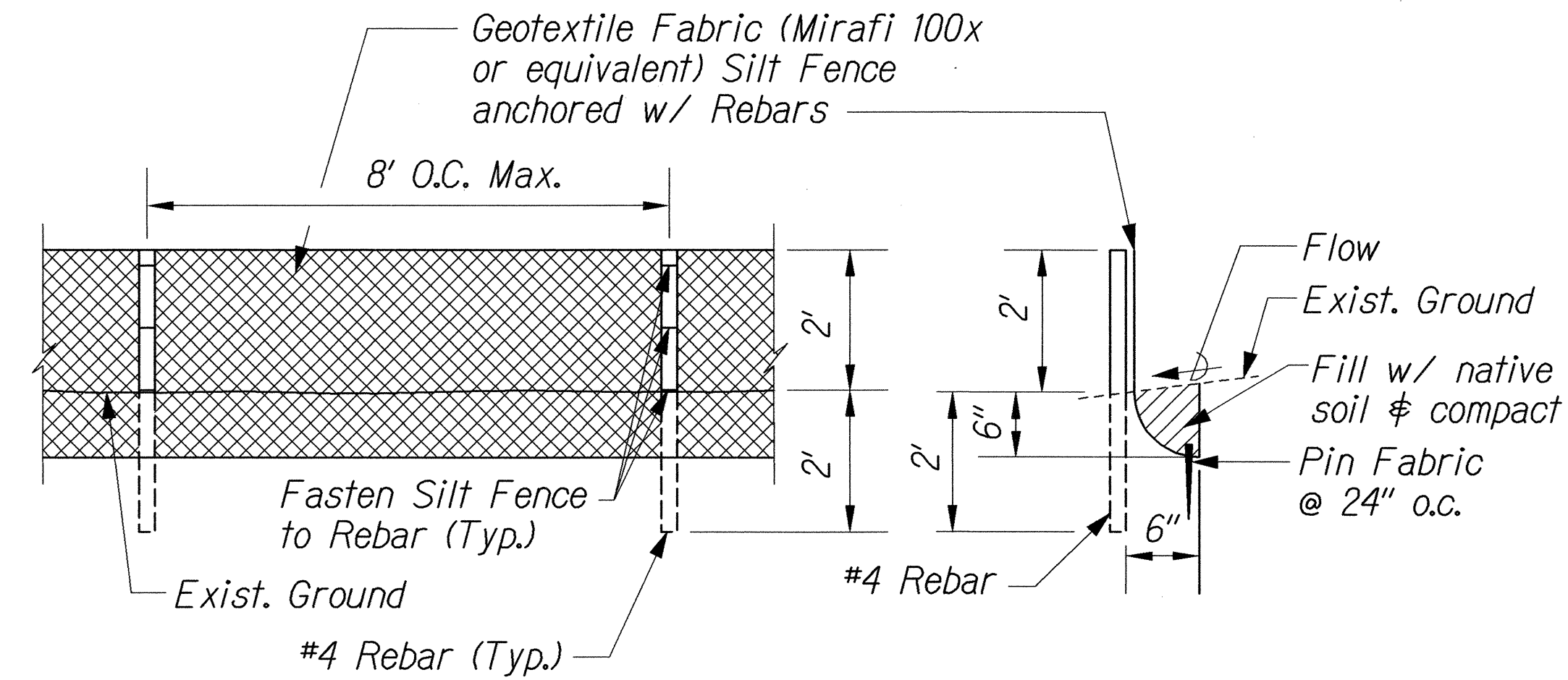
- Sandbag Berm
- - - Silt Fence



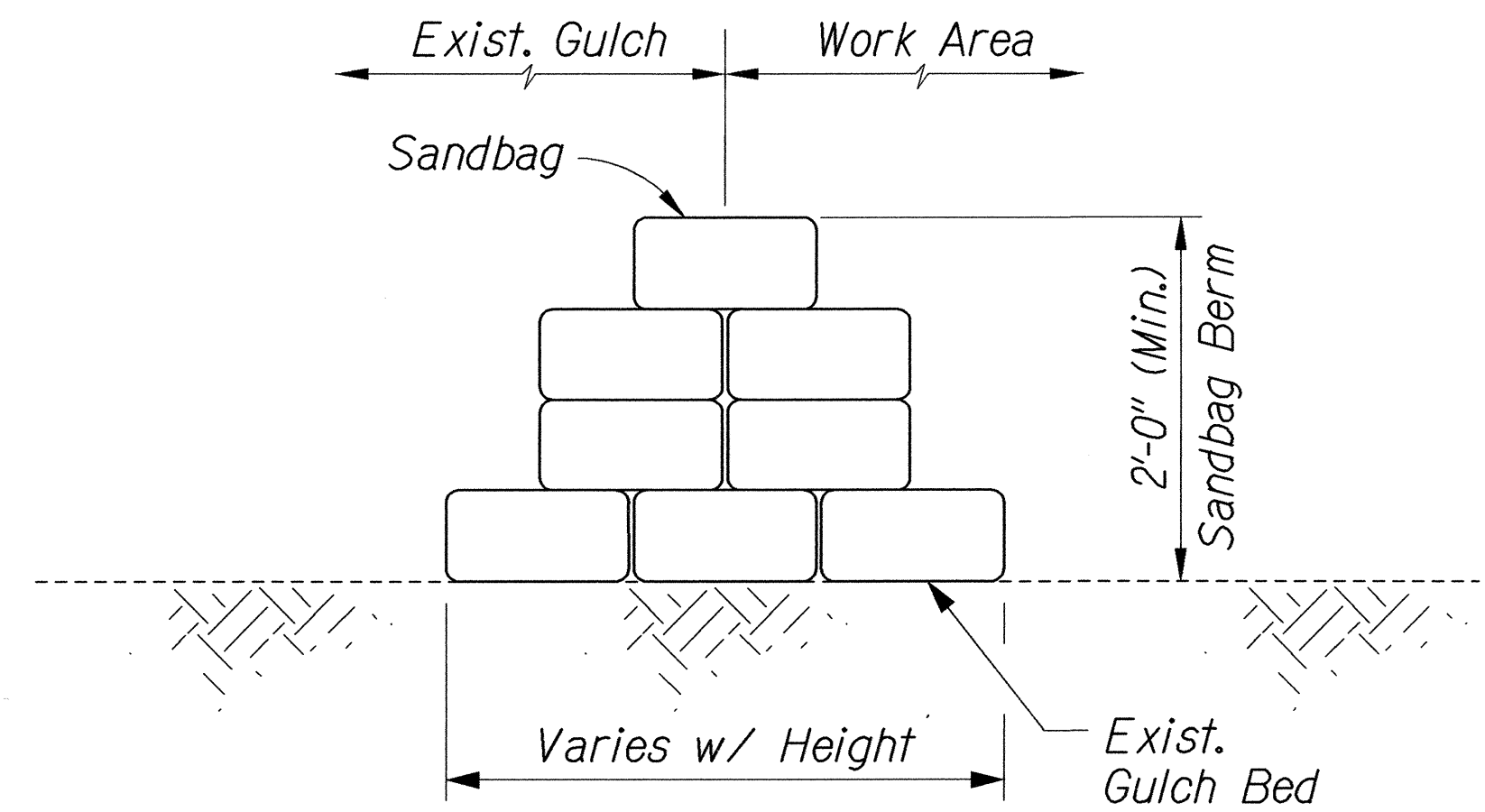
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE
April 30, 2004
Expiration Date of the License

| DATE | REVISION |
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| STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE SPECIFIC BEST MANAGEMENT PLAN KAMEHAMEHA V HIGHWAY EMERGENCY REPLACEMENT OF KAWAIKAPU BRIDGE FEDERAL AID PROJECT NO. ER-12(4) Scale: 1"=20' Date: November 25, 2002 SHEET No. C15 OF 46 SHEETS | |

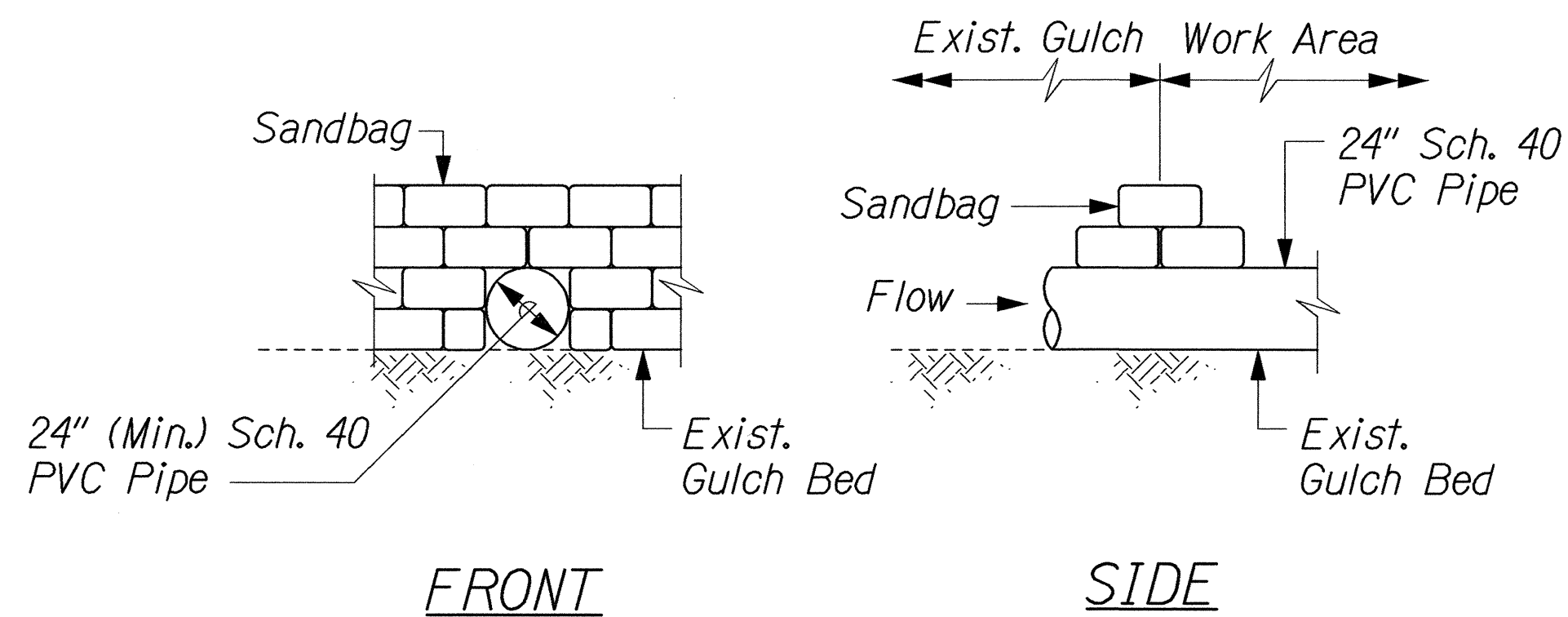
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | ER-12(4) | 2003 | 19 | 76 |



SILT FENCE DETAIL
Not to Scale

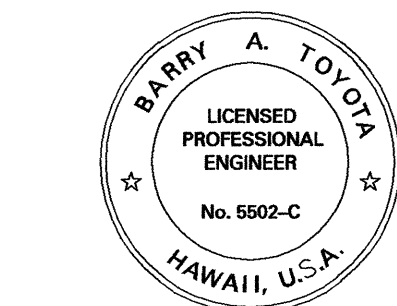


SANDBAG BERM DETAIL
Not to Scale



CULVERT DIVERSION PIPE DETAIL
Not to Scale

| | | |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK | DRAWN BY | |
| | TRACED BY | |
| | QUANTITIES BY | |
| | CHECKED BY | |
| | | |
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| SHEET No. C16 OF 46 SHEETS | |