

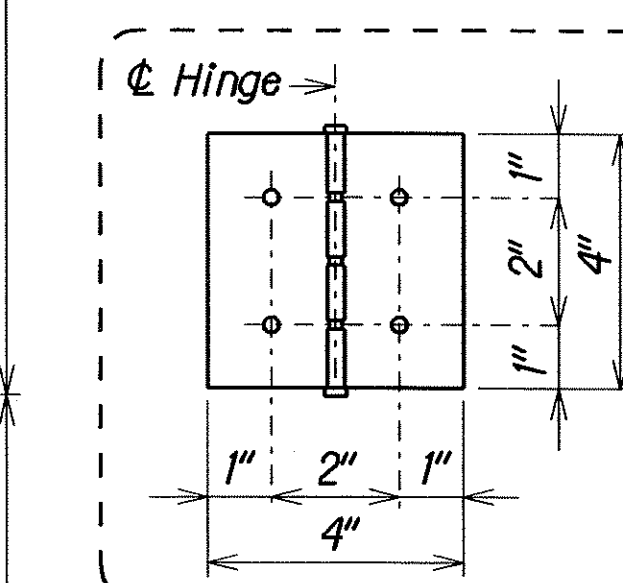
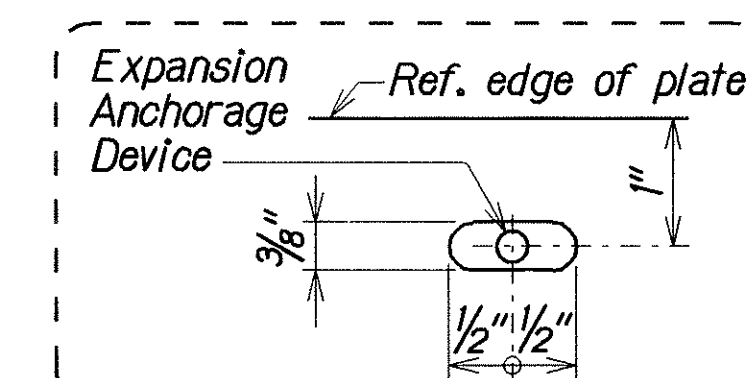
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1(251)	2007	13	13

ACCESS DOOR ASSEMBLY NOTES:

- Soffit access door opening direction to be determined by the Engineer.
- Access opening covers shall be fabricated from commercial quality sheet steel.
- Sheet steel for access doors and shim plates shall be galvanized sheet conforming to the provisions of ASTM Designation: A 526/A 526M, Coating Designation: G 210.
- Expansion Anchorage Devices and Nuts shall be zinc-coated.

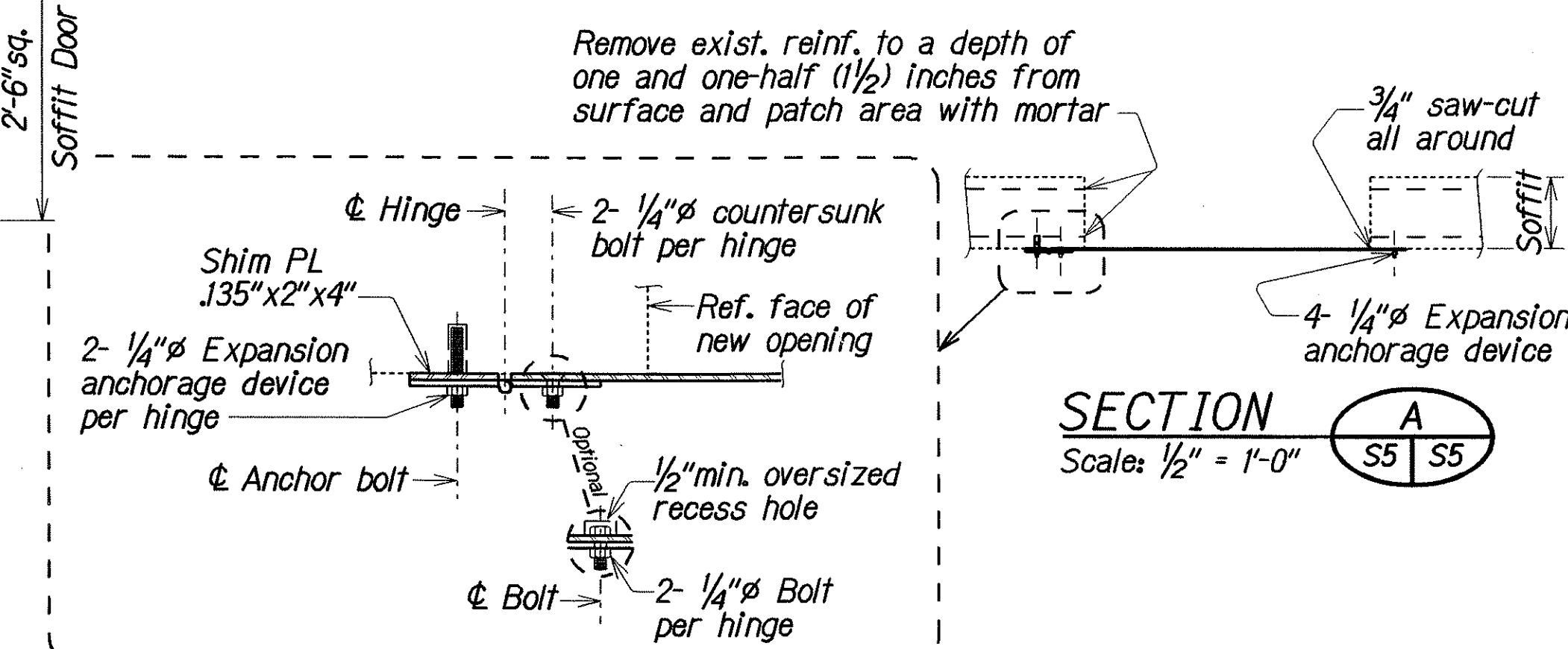
HINGE NOTES:

- Non-removable pin in hinge.
- Hinge assembly to be galvanized, brass or stainless steel.
- Use thread locking system for all hinge nuts.
- Hinge assembly to be minimum $\frac{1}{8}$ " thk.



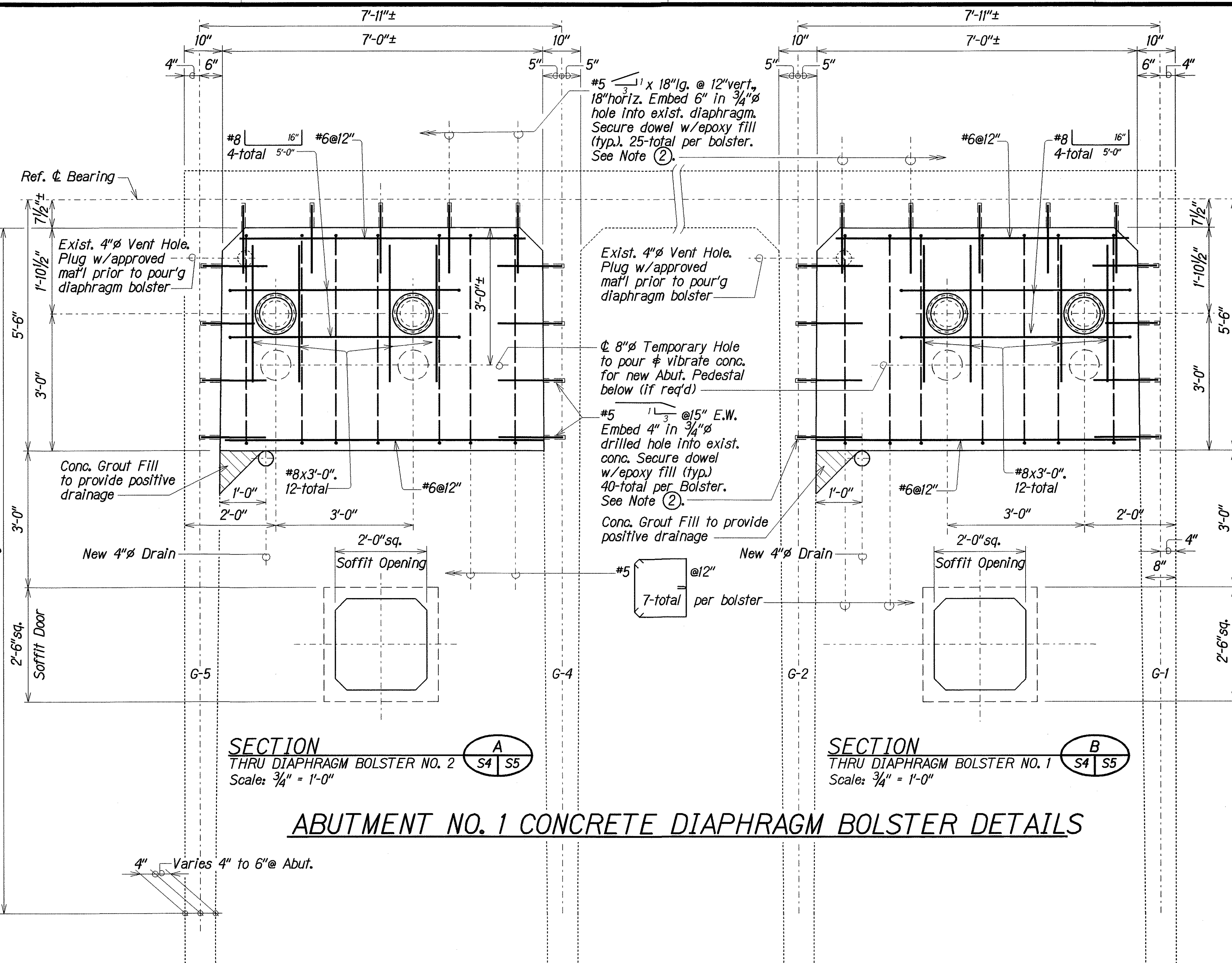
HINGE DETAIL
Scale: $\frac{1}{8}$ " = 1'-0"

REFLECTED CEILING PLAN
Scale: $\frac{1}{2}$ " = 1'-0"



HINGE ANCHORAGE DETAIL
Scale: $\frac{1}{8}$ " = 1'-0"

SOFFIT ACCESS DETAILS



SECTION A
THRU DIAPHRAGM BOLSTER NO. 2
Scale: $\frac{3}{4}$ " = 1'-0"

SECTION B
THRU DIAPHRAGM BOLSTER NO. 1
Scale: $\frac{3}{4}$ " = 1'-0"

ABUTMENT NO. 1 CONCRETE DIAPHRAGM BOLSTER DETAILS

GENERAL NOTES:

- Roughen existing concrete surface to $\frac{1}{4}$ " amplitude prior to new concrete pour.
- Epoxy fill shall be "Double Cartridge" type. Epoxies that require manual measuring or mixing will not be allowed.
- Contractor shall not damage existing rebar during drilling operation for dowel installation.
- For Diaphragm Bolster Nos. 1 & 2, existing vent holes shall be replaced with new vent holes. See Sections A and B.
- Any exposed reinforcement encountered after coring of existing concrete shall be removed to a depth of one and one-half ($1\frac{1}{2}$) inches and patched with mortar.
- For "Soffit Access Assembly Details", see above.
- Concrete for Abutment Diaphragm Bolster and Pedestal shall be $f'_c = 5,000$ p.s.i.

ORIGINAL PLAN	DATE
DESIGNED BY	DATE
NOTED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ABUTMENT NO. 1 CONCRETE DIAPHRAGM BOLSTER and SOFFIT ACCESS DETAILS

INTERSTATE ROUTE H-1 SEISMIC RETROFIT

Lunalilo-Vineyard On-Ramp
F.A.I.P. No. BR-HI-1(251)

Scale: As Noted Date: Aug. 2006