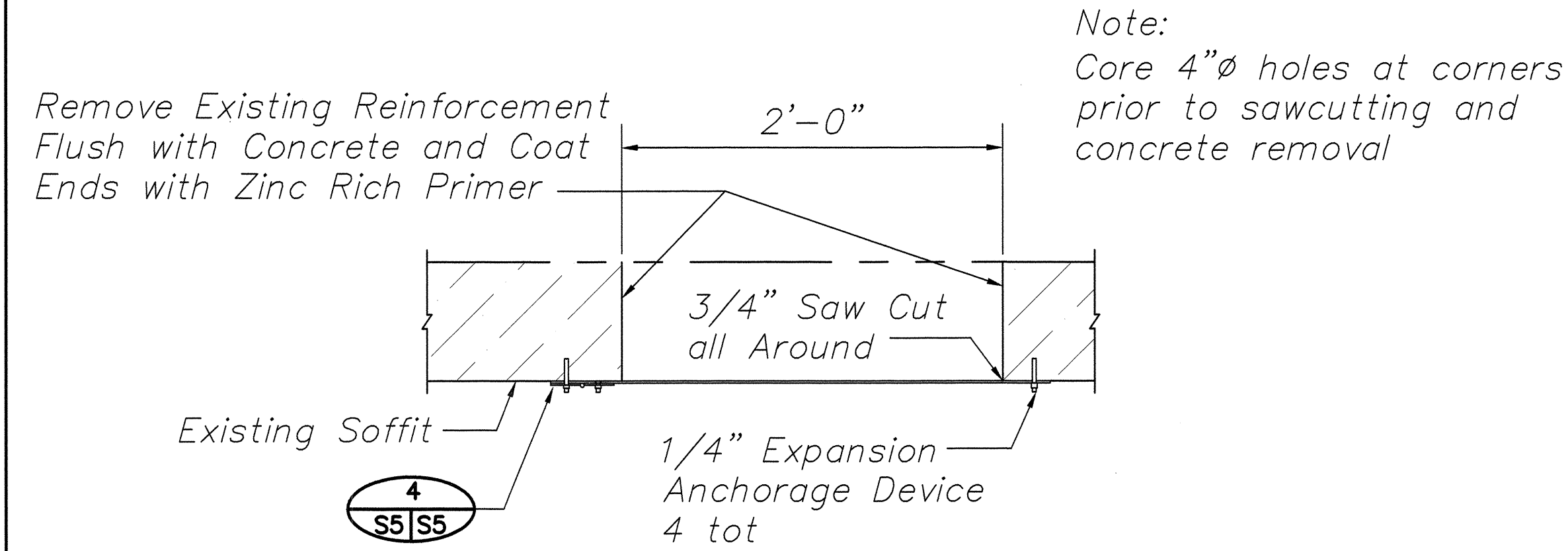
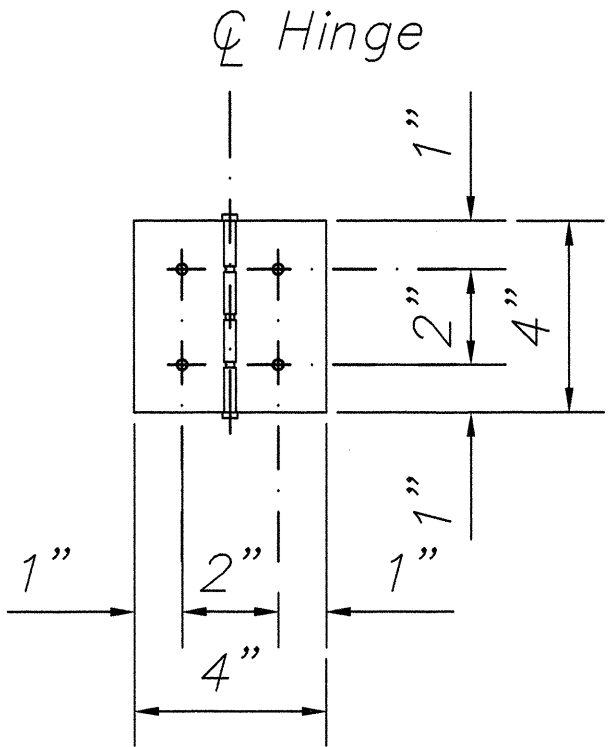


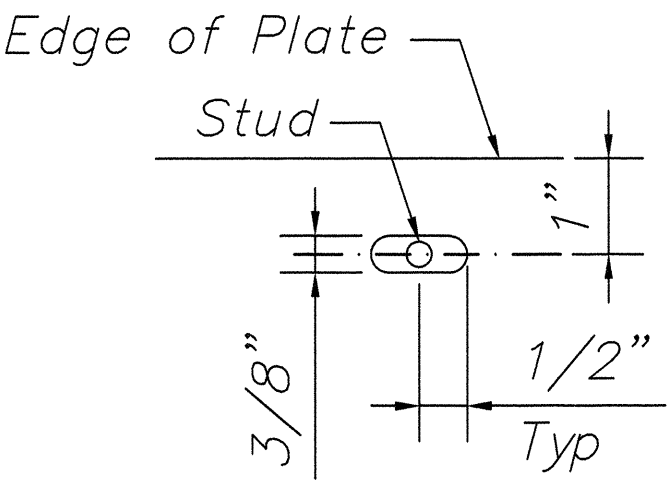
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-019-2(45)       | 1999        | 9         | 20           |



**SECTION**  
SCALE: 1-1/2" = 1'-0"



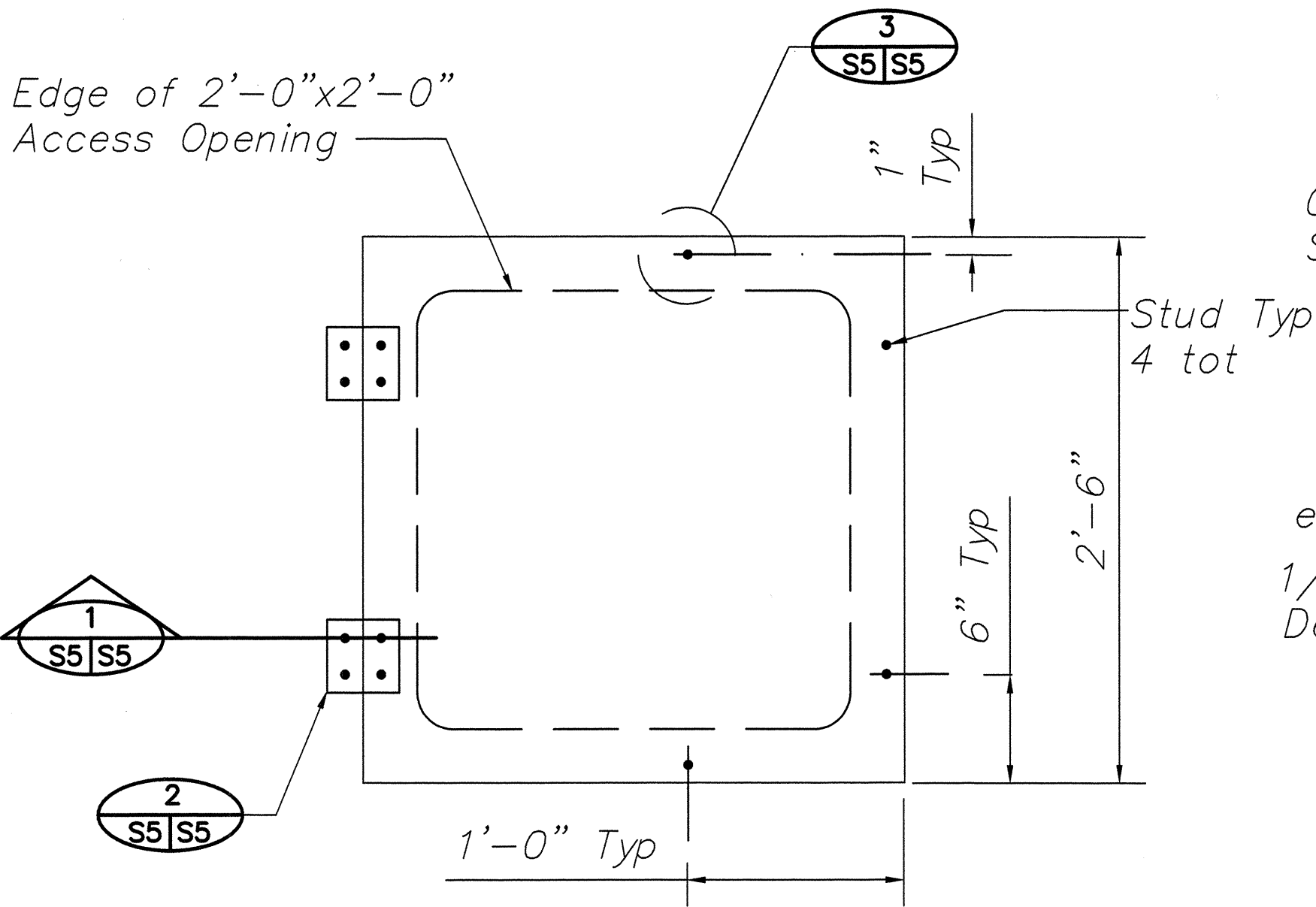
**HINGE DETAIL**  
SCALE: 3" = 1'-0"



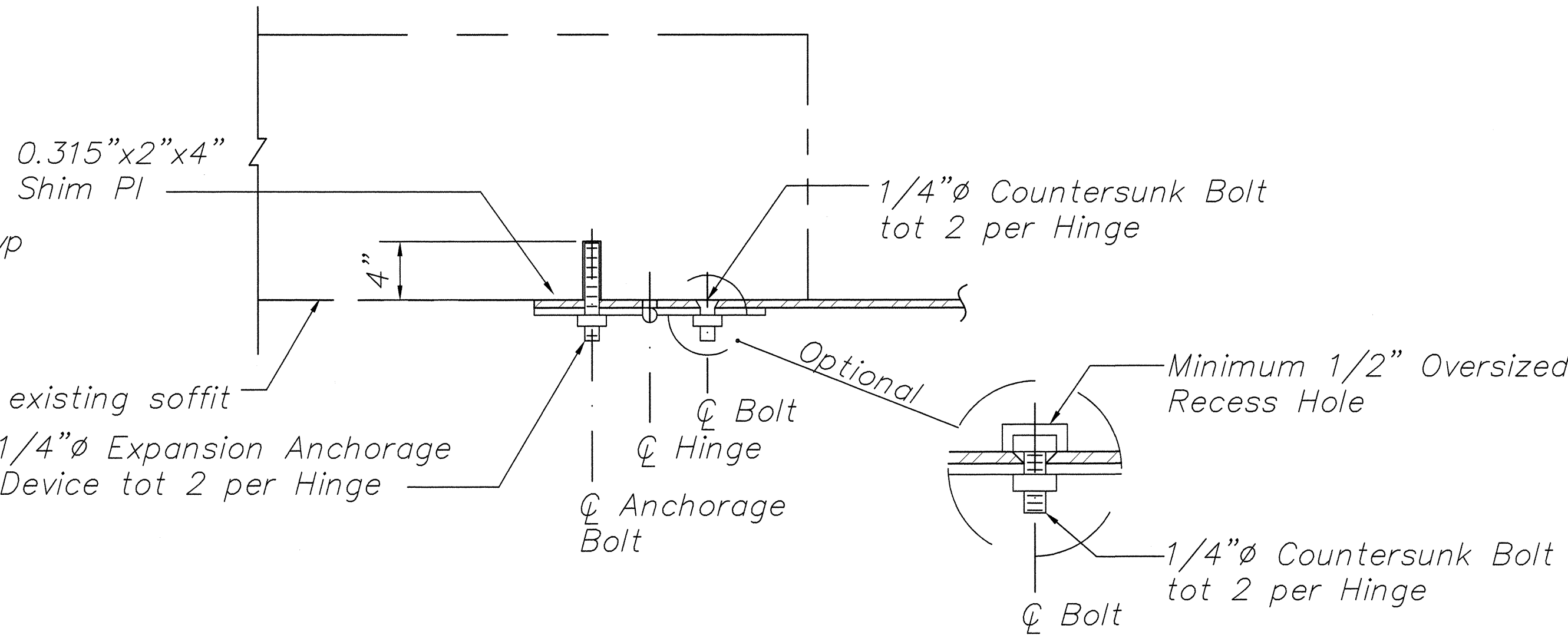
**STUD DETAIL**  
SCALE: 6" = 1'-0"

**NOTES**

- Non-Removable pin in Hinge.
- Hinge assembly to be Stainless Steel.
- Use Thread Locking system for all Hinge nuts.
- Hinge Assembly to be Minimum 1/8" Thick.
- The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.
- Soffit Access Door Opening Direction to be Determined by the Engineer.



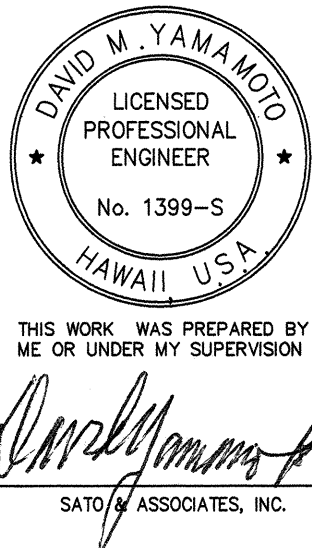
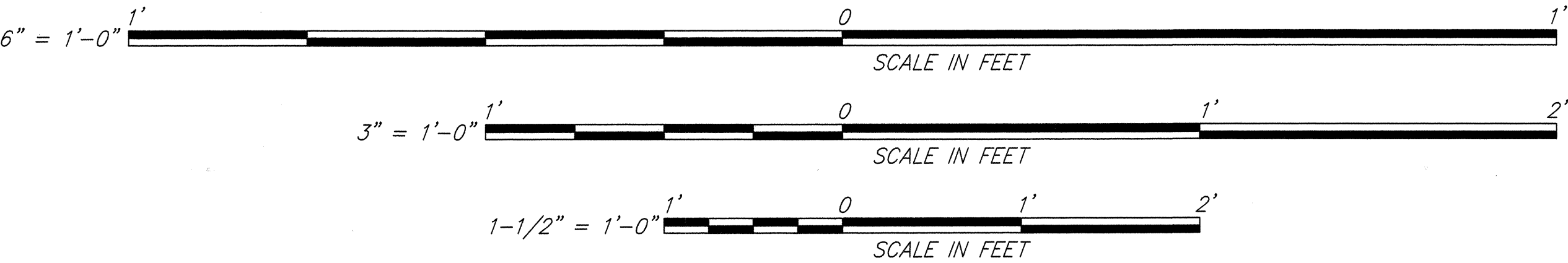
**PLAN**



**HINGE ANCHORAGE DETAIL**  
SCALE: 3" = 1'-0"

**SOFFIT ACCESS DOOR ASSEMBLY**  
SCALE: 1-1/2" = 1'-0"

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| No.               |      |



|                                                                              |                   |
|------------------------------------------------------------------------------|-------------------|
| STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION         |                   |
| KAULA BRIDGE<br>ACCESS HATCH AND JOINT DETAILS                               |                   |
| HAWAII BELT ROAD, SEISMIC RETROFIT OF VARIOUS BRIDGES,<br>VICINITY OF OOKALA |                   |
| FEDERAL AID PROJECT NO. BR-019-2(45)                                         |                   |
| SCALE: AS NOTED                                                              | DATE: AUGUST 1998 |
| SHEET No. 85                                                                 | OF 16 SHEETS      |