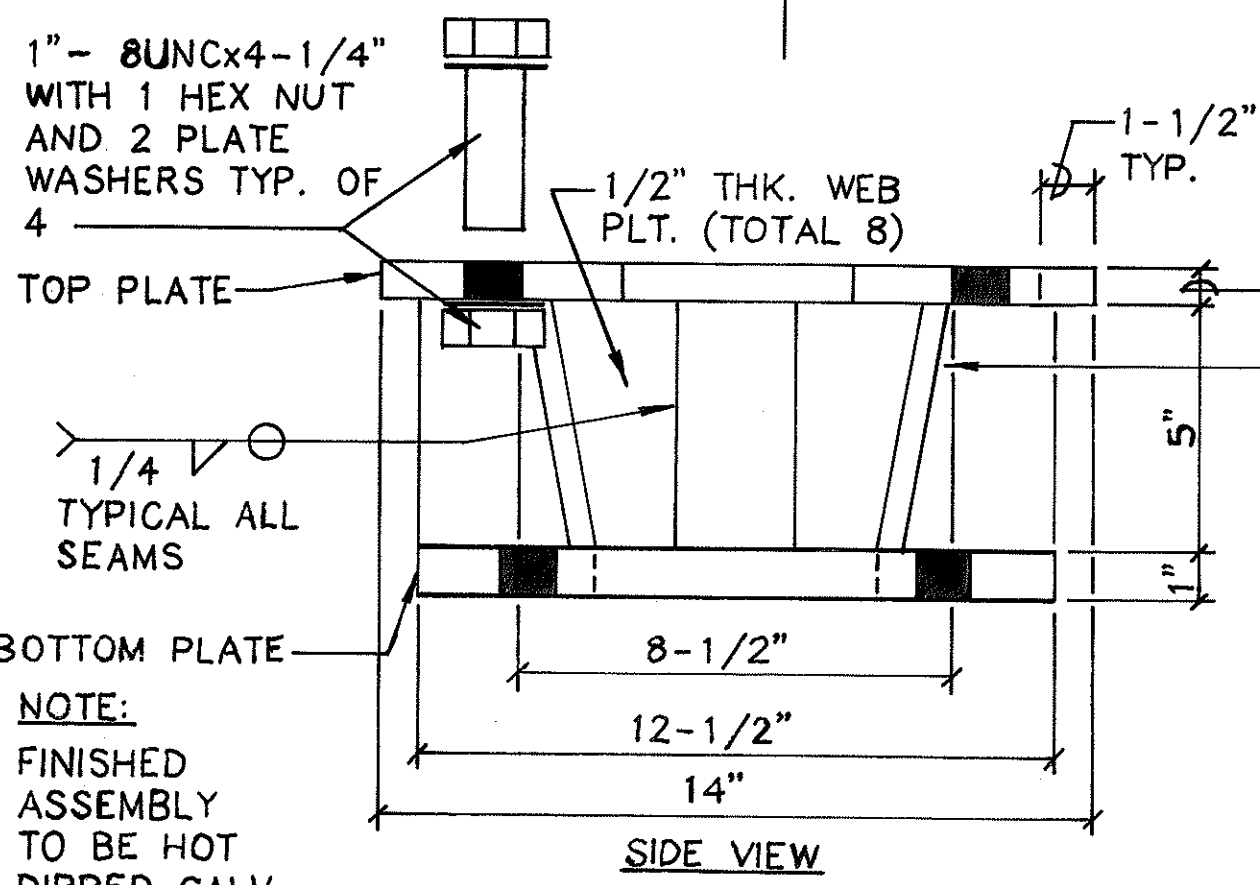
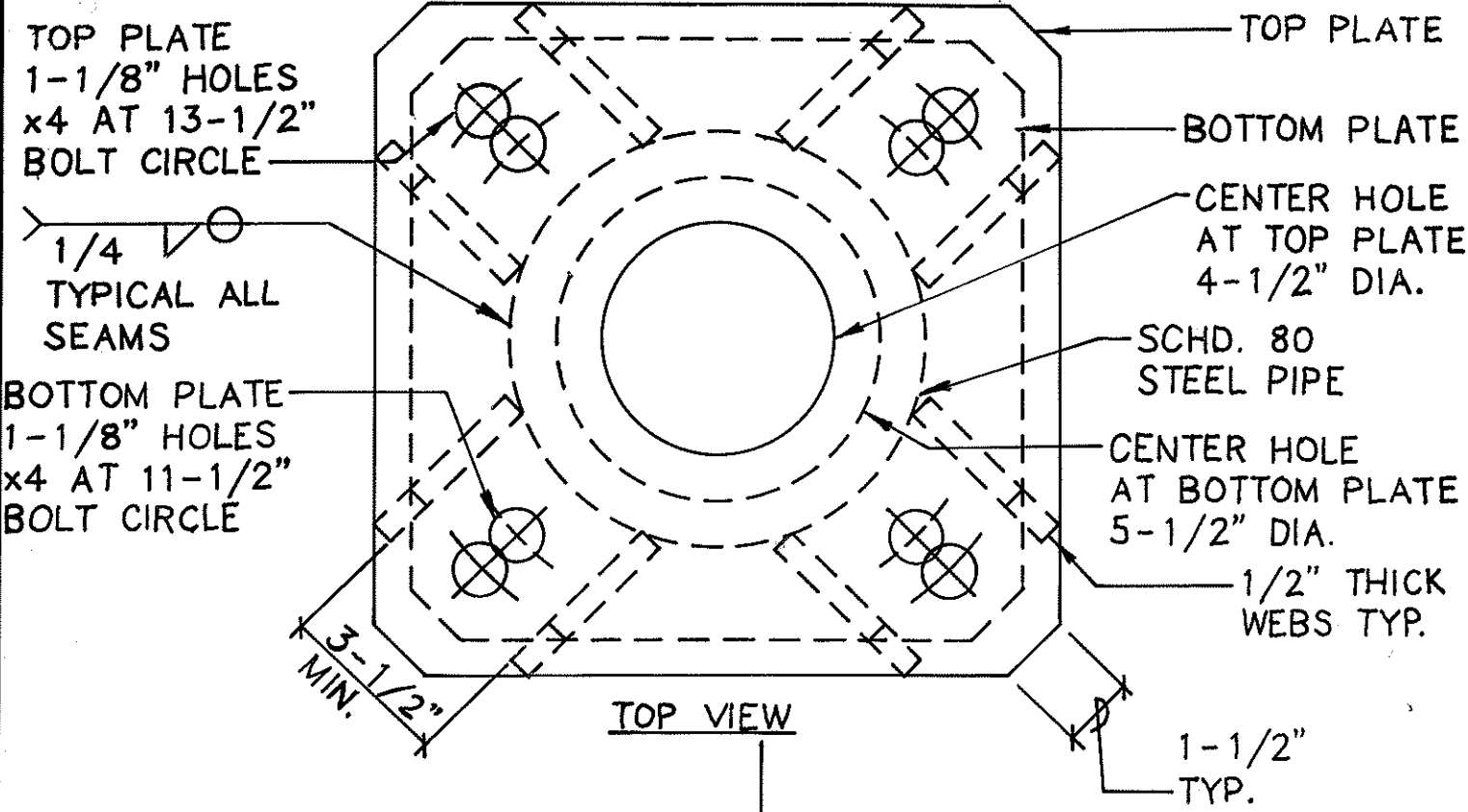
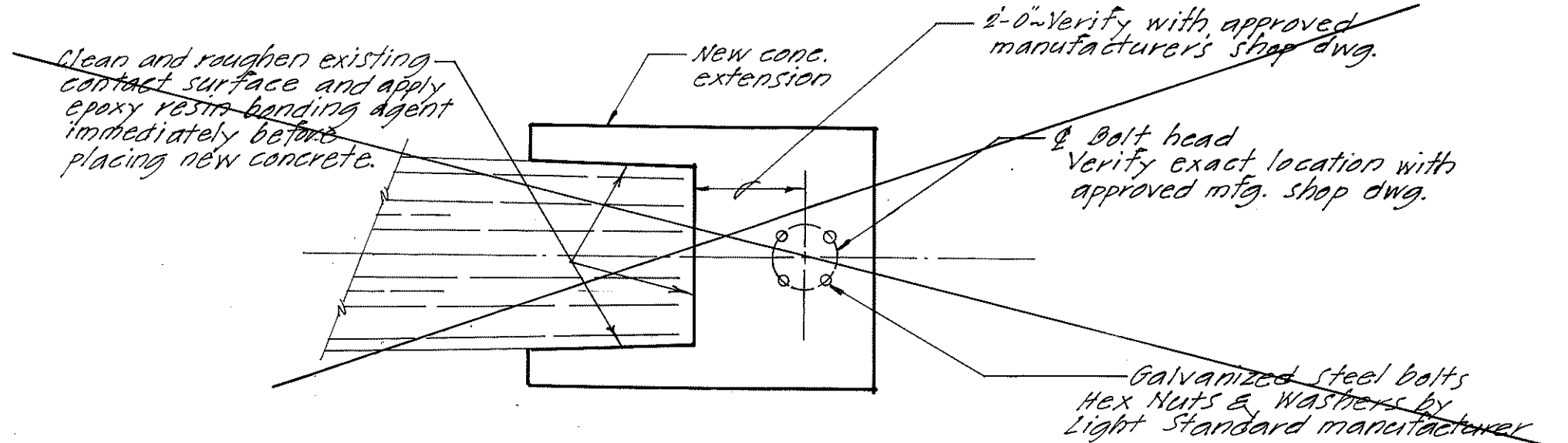
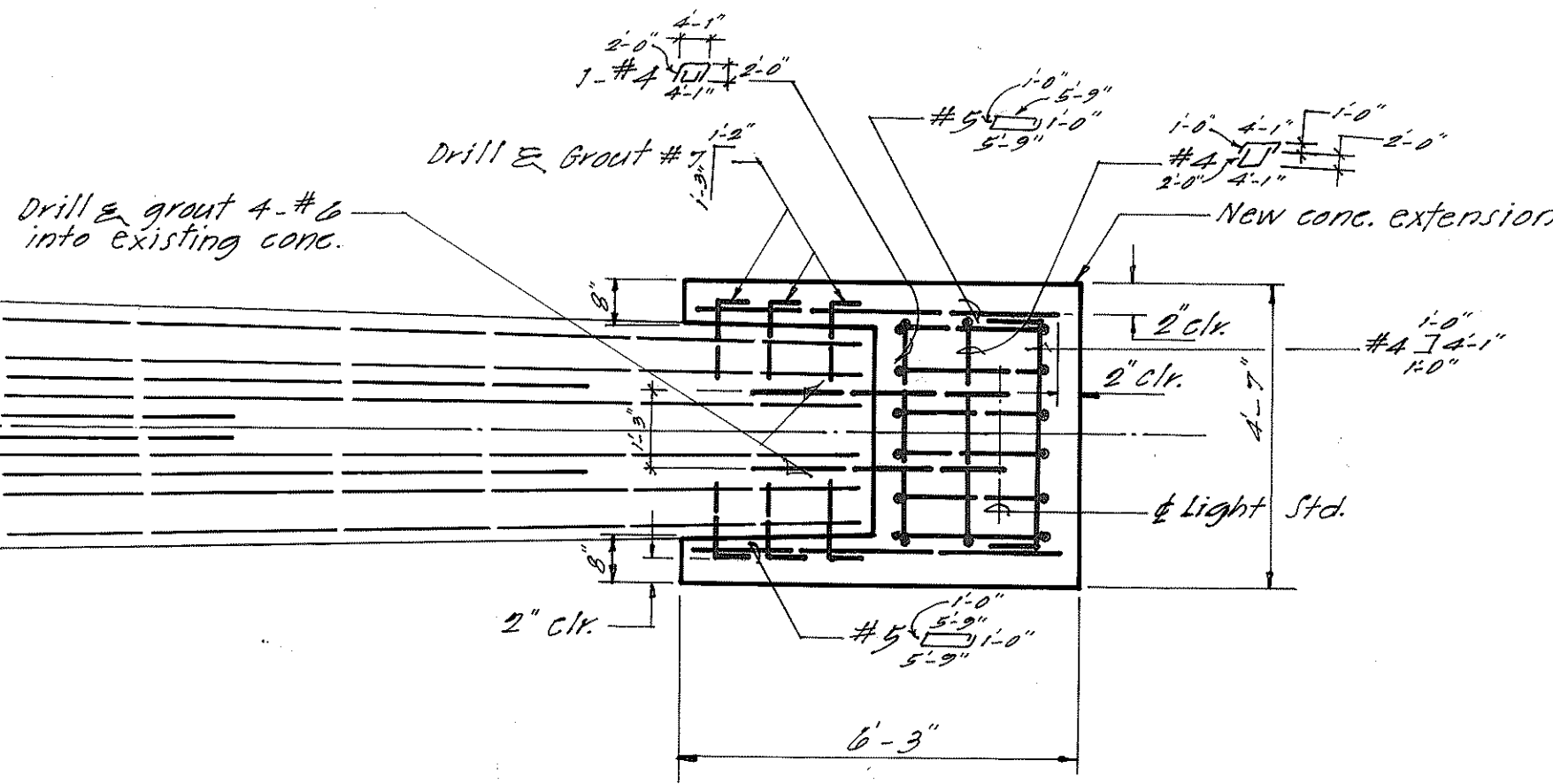
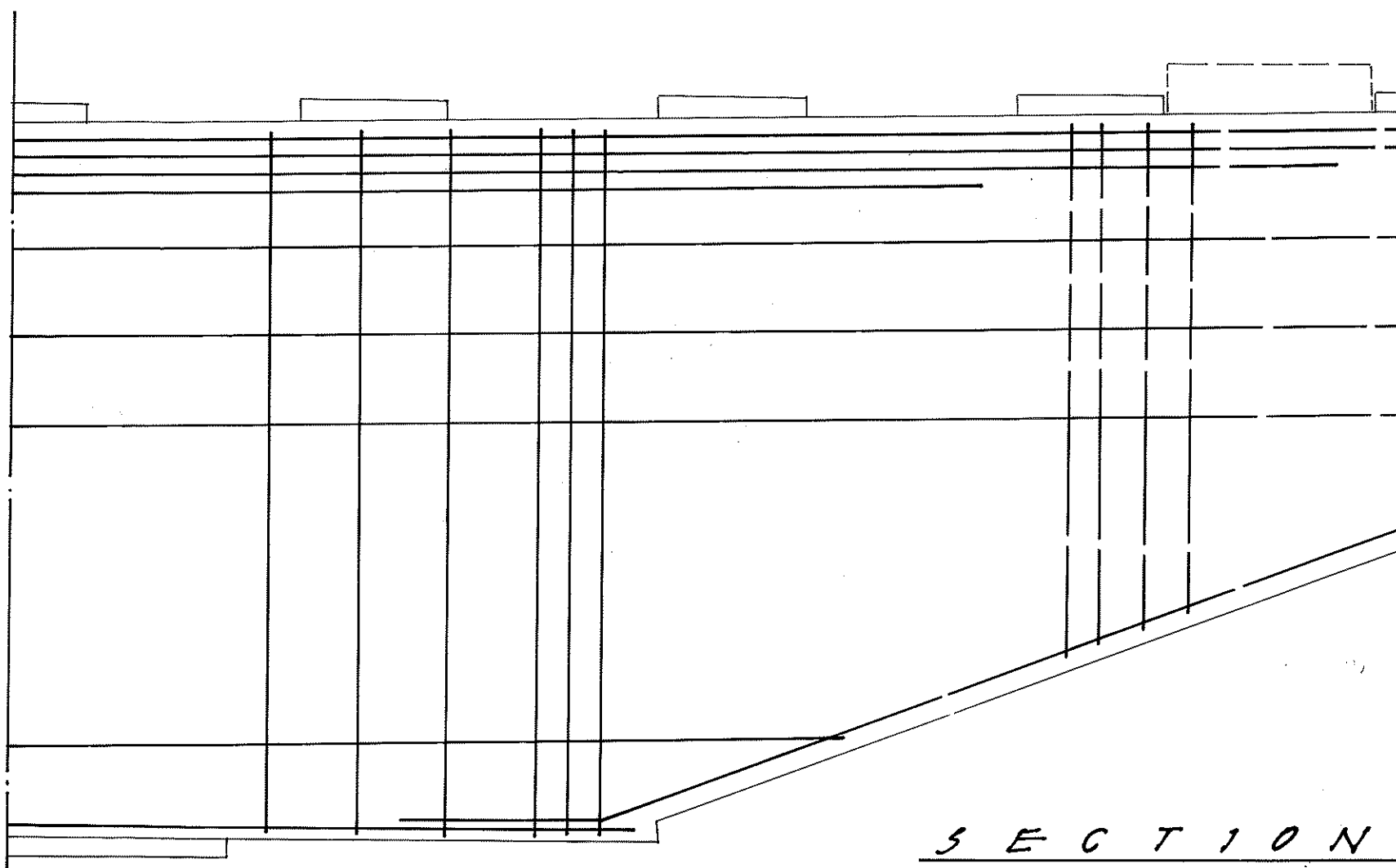


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1 (212)	1992	25	25

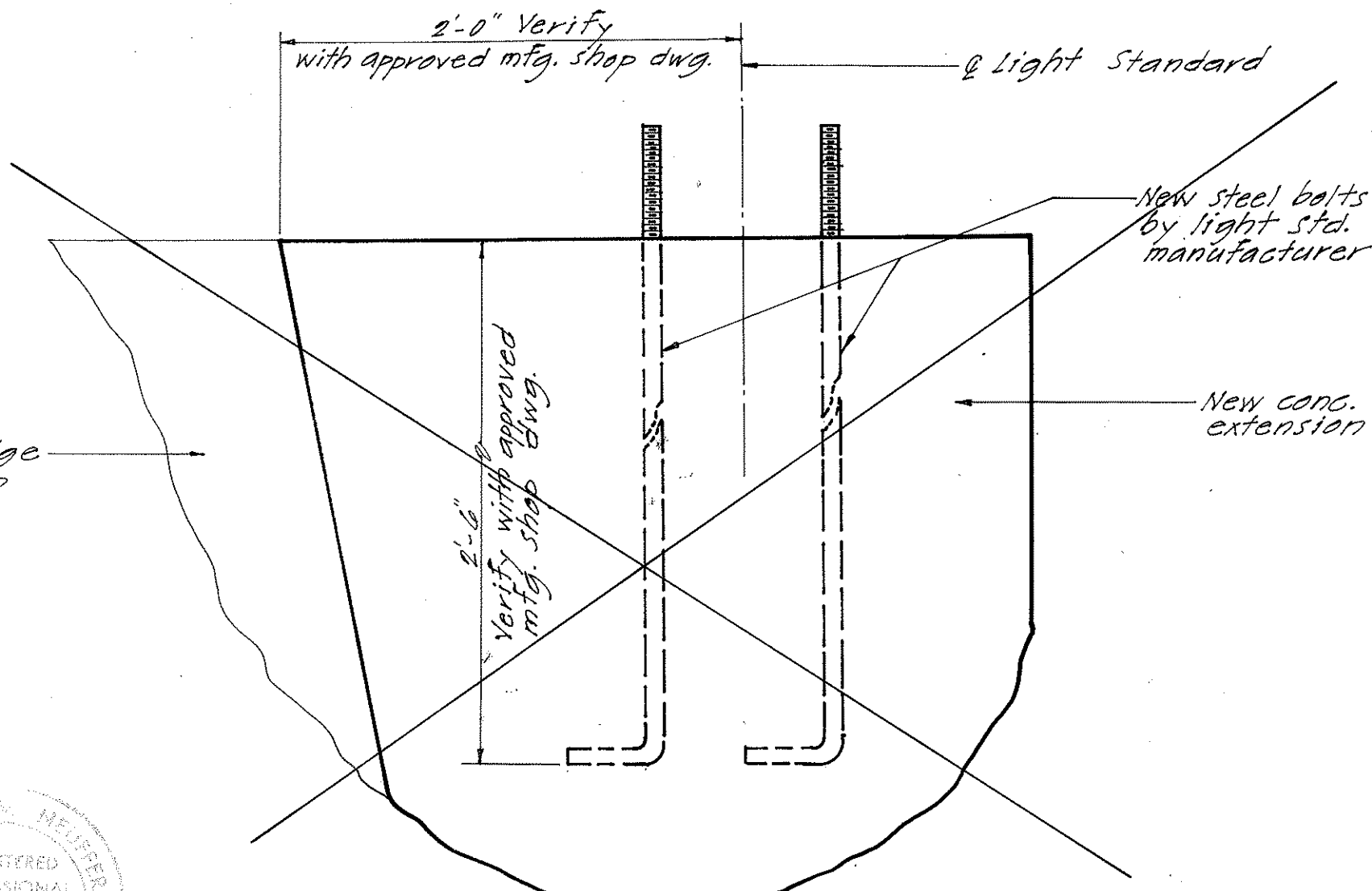
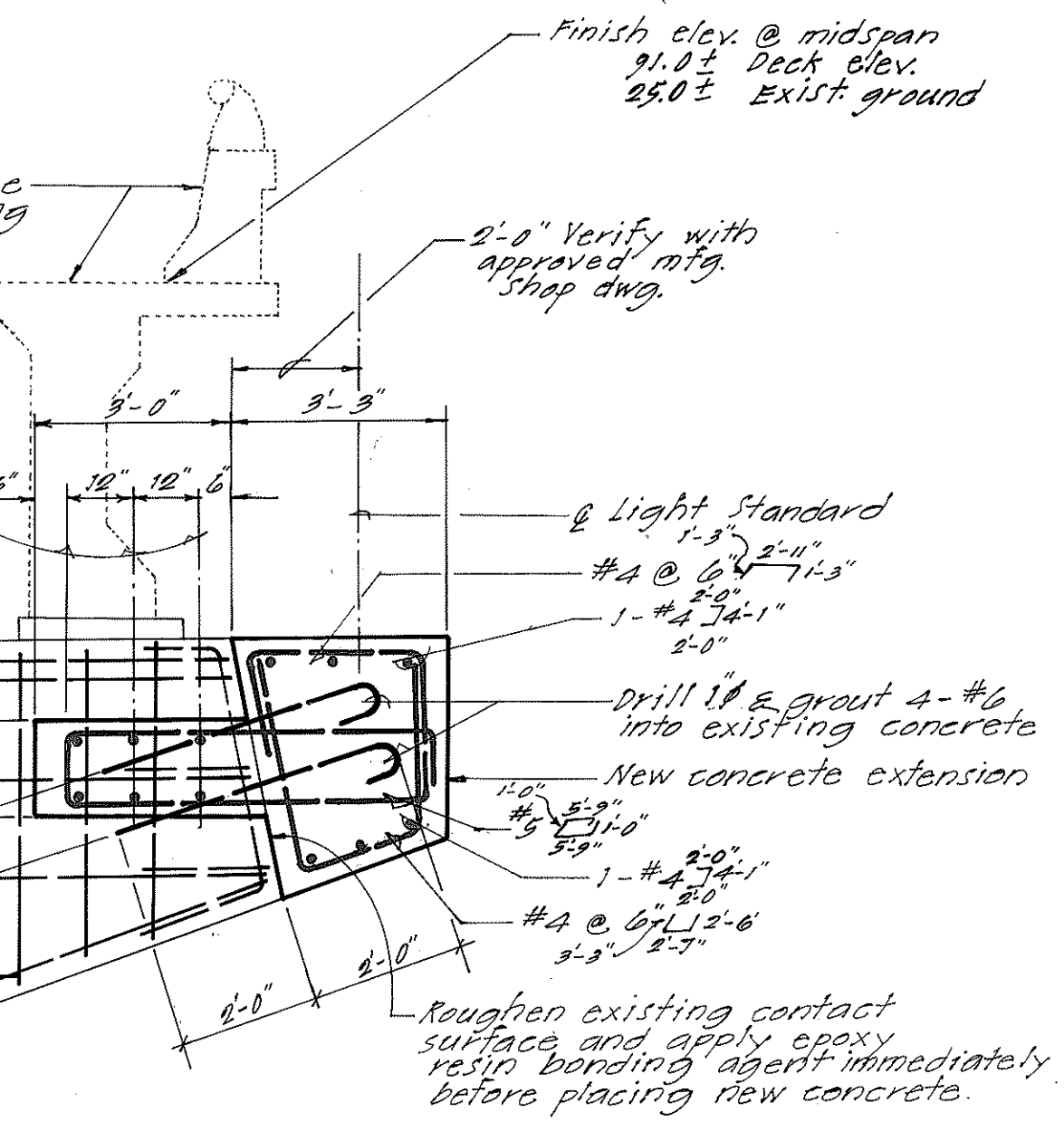


LIGHT STANDARD ADAPTER PLATES
SCALE: 3"=1'-0"

**WAIKELE STREAM BRIDGE
EXTENSION OF
BRIDGE PIER CAP**
Scale: 3/8"=1'-0"



LIGHT STANDARD ANCHOR BOLTS



LIGHT STANDARD ANCHOR BOLTS
Scale: 1/2"=1'-0"

STRUCTURAL NOTES:
A. Structural Design is based on:
① Wind Moment 18,453 foot pounds
② Dead Weight Moment 1,528 foot pounds
③ Base Shear 733 pounds
④ Axial Force 445 pounds
⑤ Fixture Mounting Height 35 feet
Any deviations from these figures must be submitted for review.
The Lighting Standard submittal must state the values for Items ① thru ④ above.
B. Concrete shall be Class "A"
C. Reinforcing steel ASTM A-615 Grade 40.

DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKELE STREAM BRIDGE
PIER CAP EXTENSION DETAILS
INTERSTATE ROUTE H-1
KUNIA I.C. TO WAIKANA I.C.
PROJECT NO. IR-HI-1 (212)
SCALE: AS NOTED
SHEET No. 5 OF 5 SHEETS