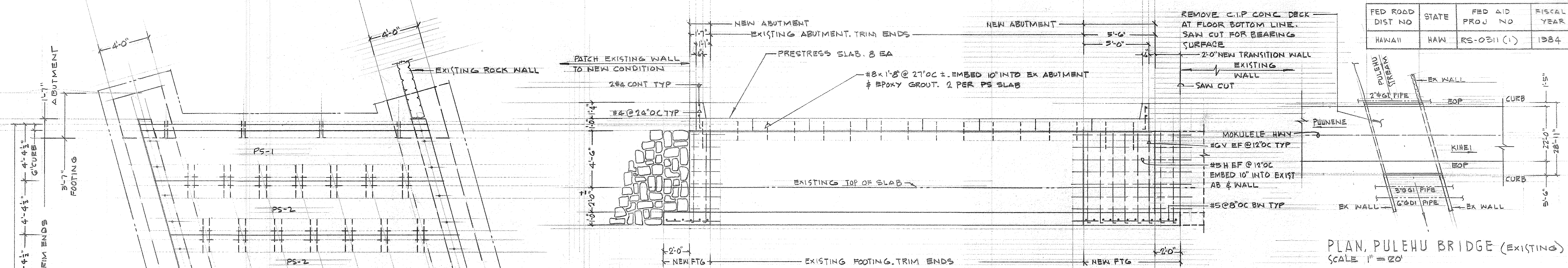
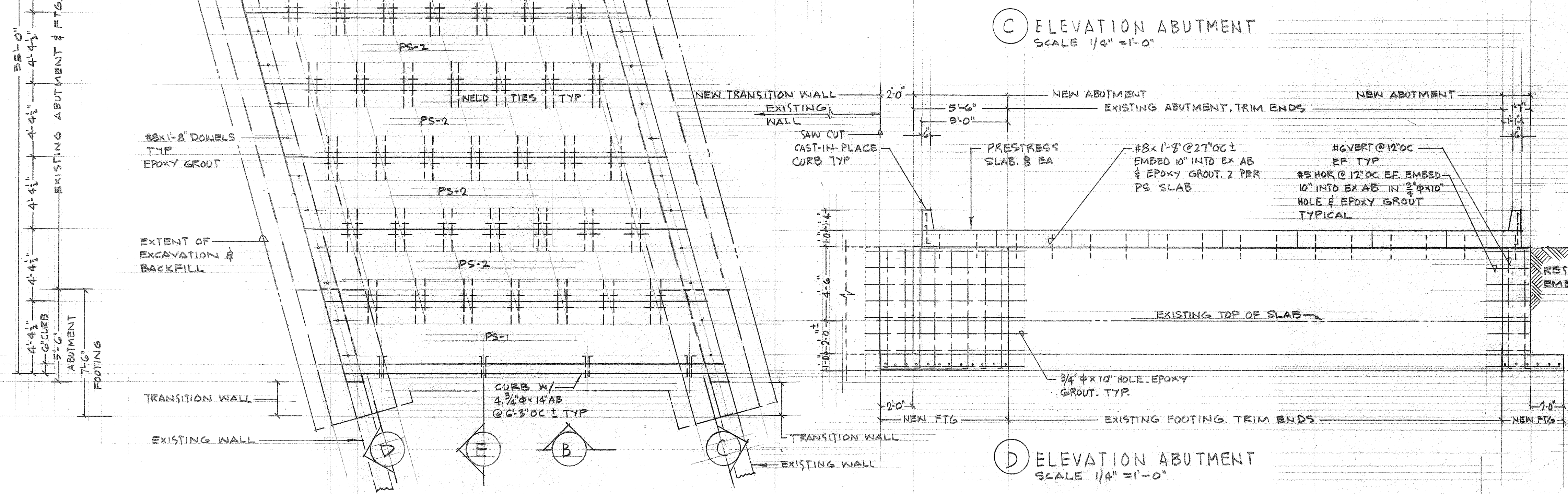


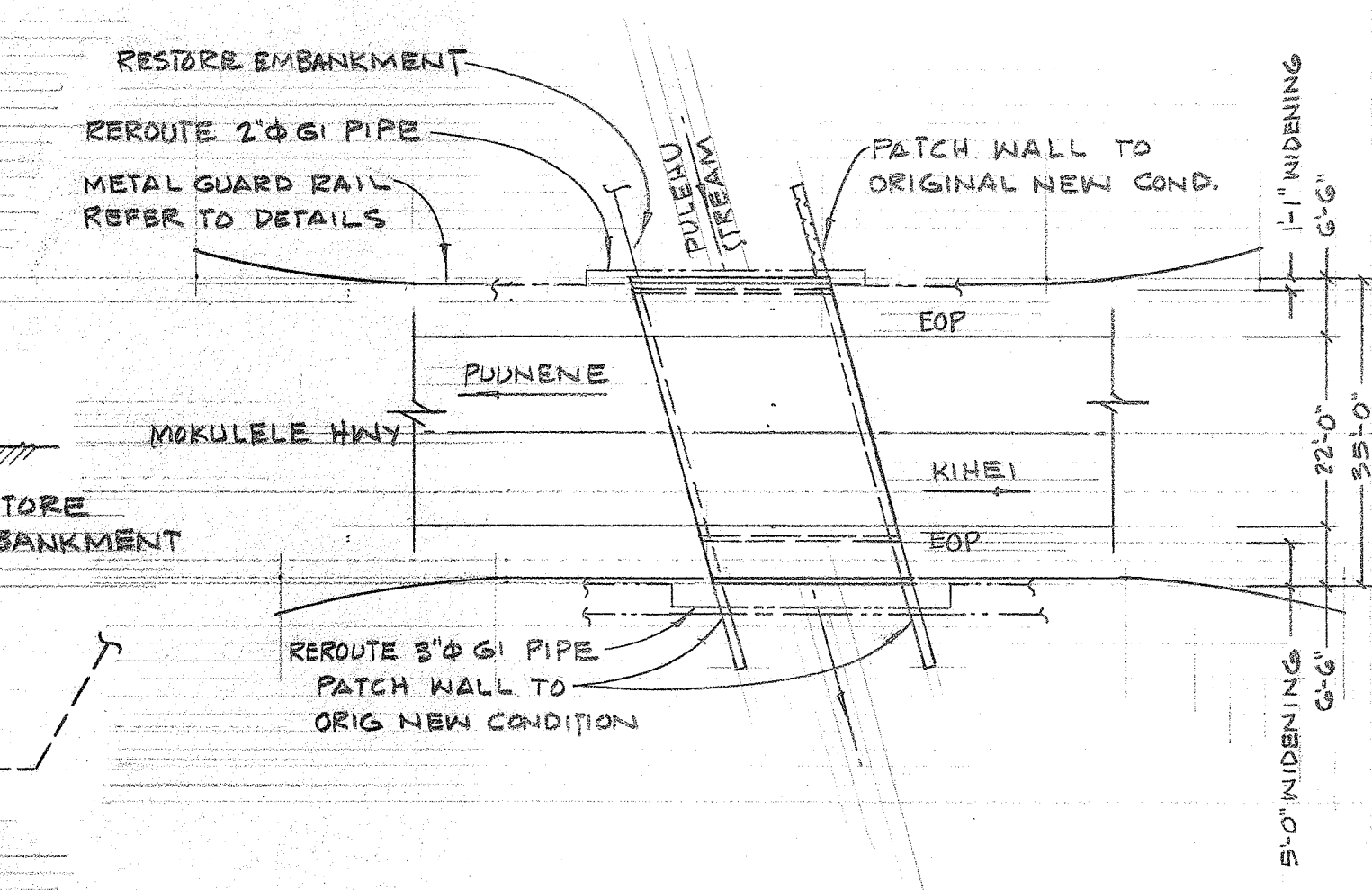
FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	RS-0311 (1)	1984	5	14



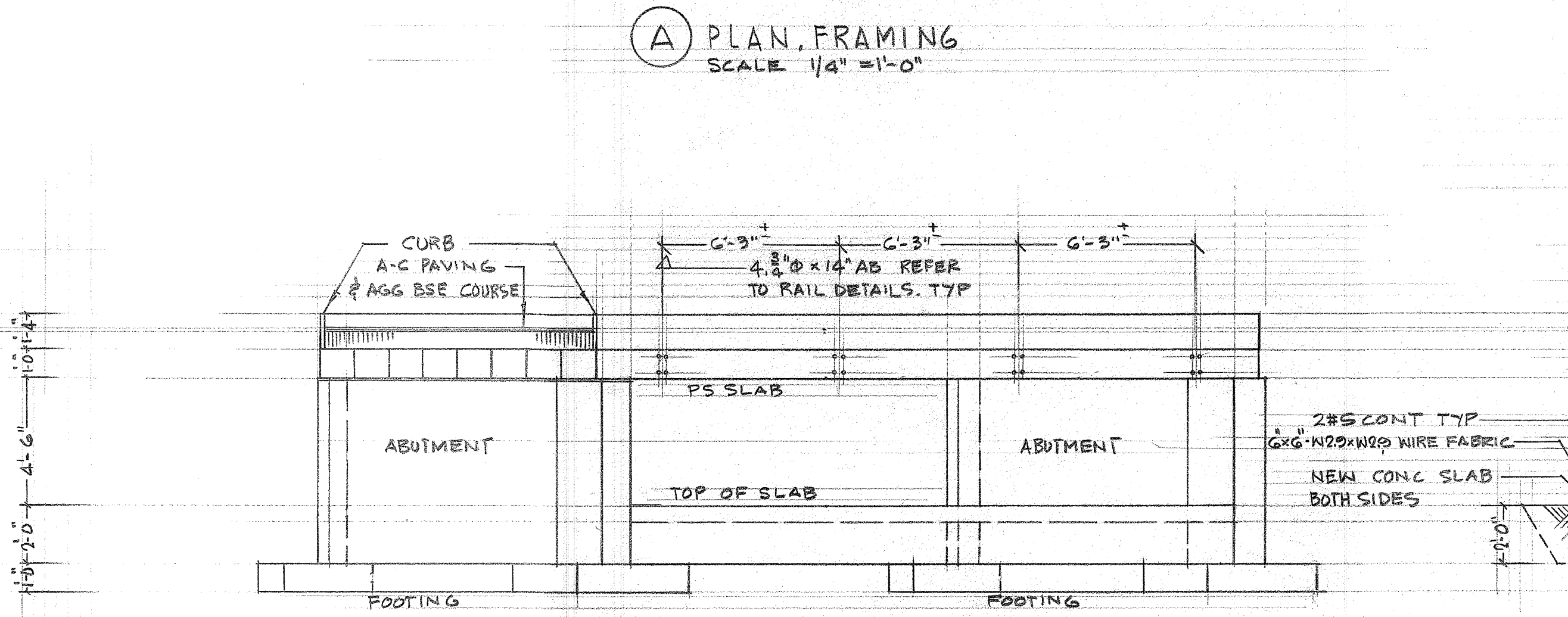
PLAN, PULEHU BRIDGE (EXISTING)
SCALE 1" = 20'



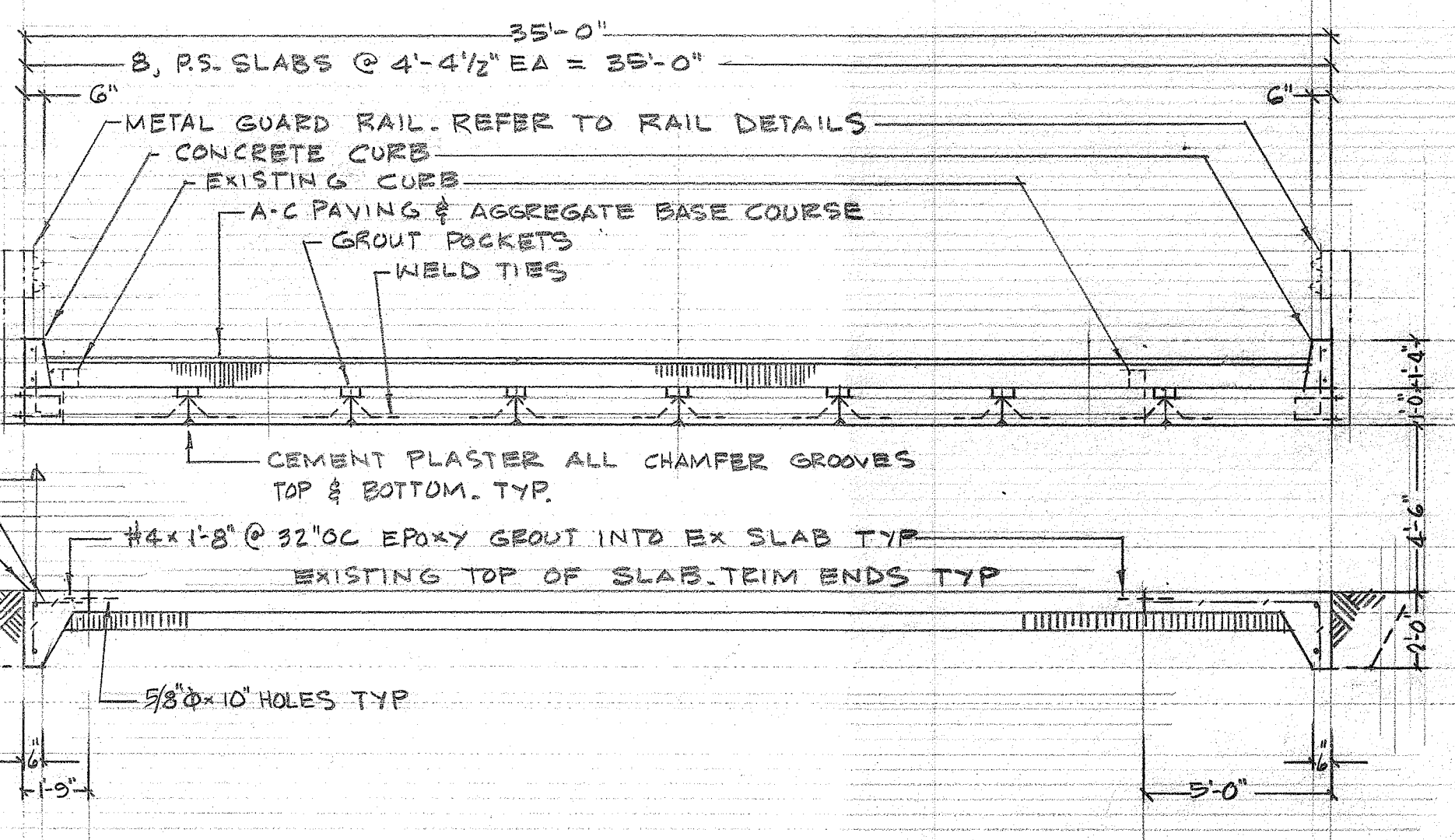
C ELEVATION ABUTMENT
SCALE 1/4" = 1'-0"



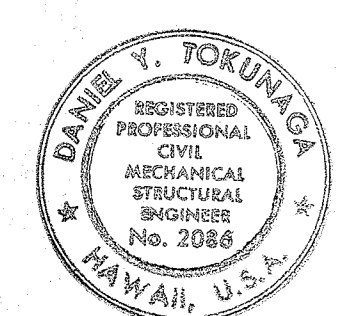
PLAN, PULEHU BRIDGE (MODIFIED)
SCALE 1" = 20'



B SIDE ELEVATION
SCALE 1/4" = 1'-0"



E SECTION
SCALE 1/4" = 1'-0"



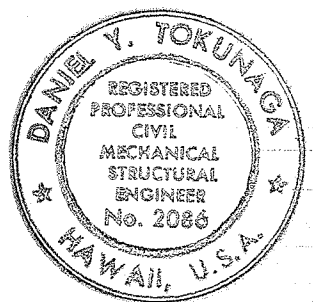
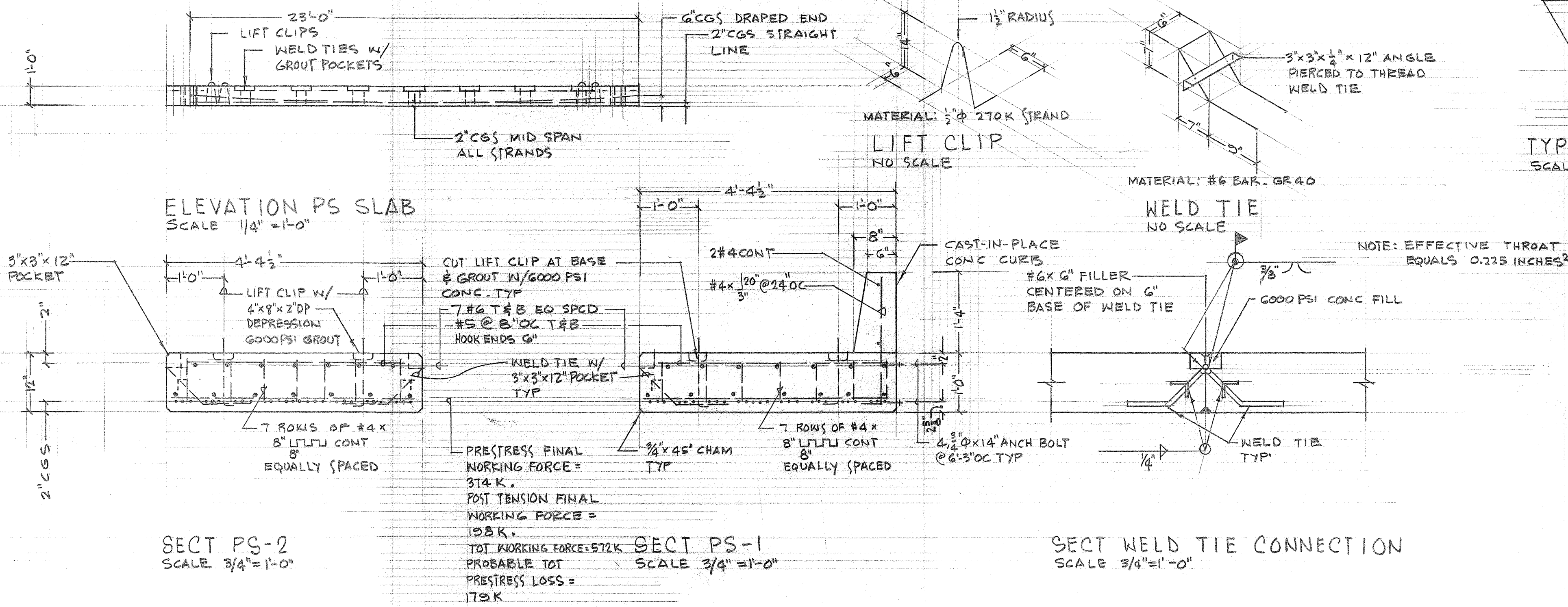
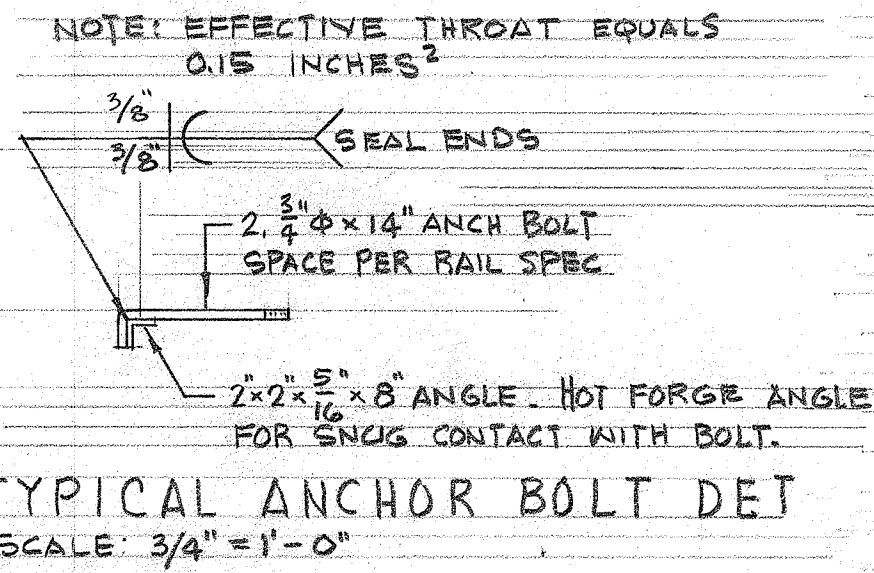
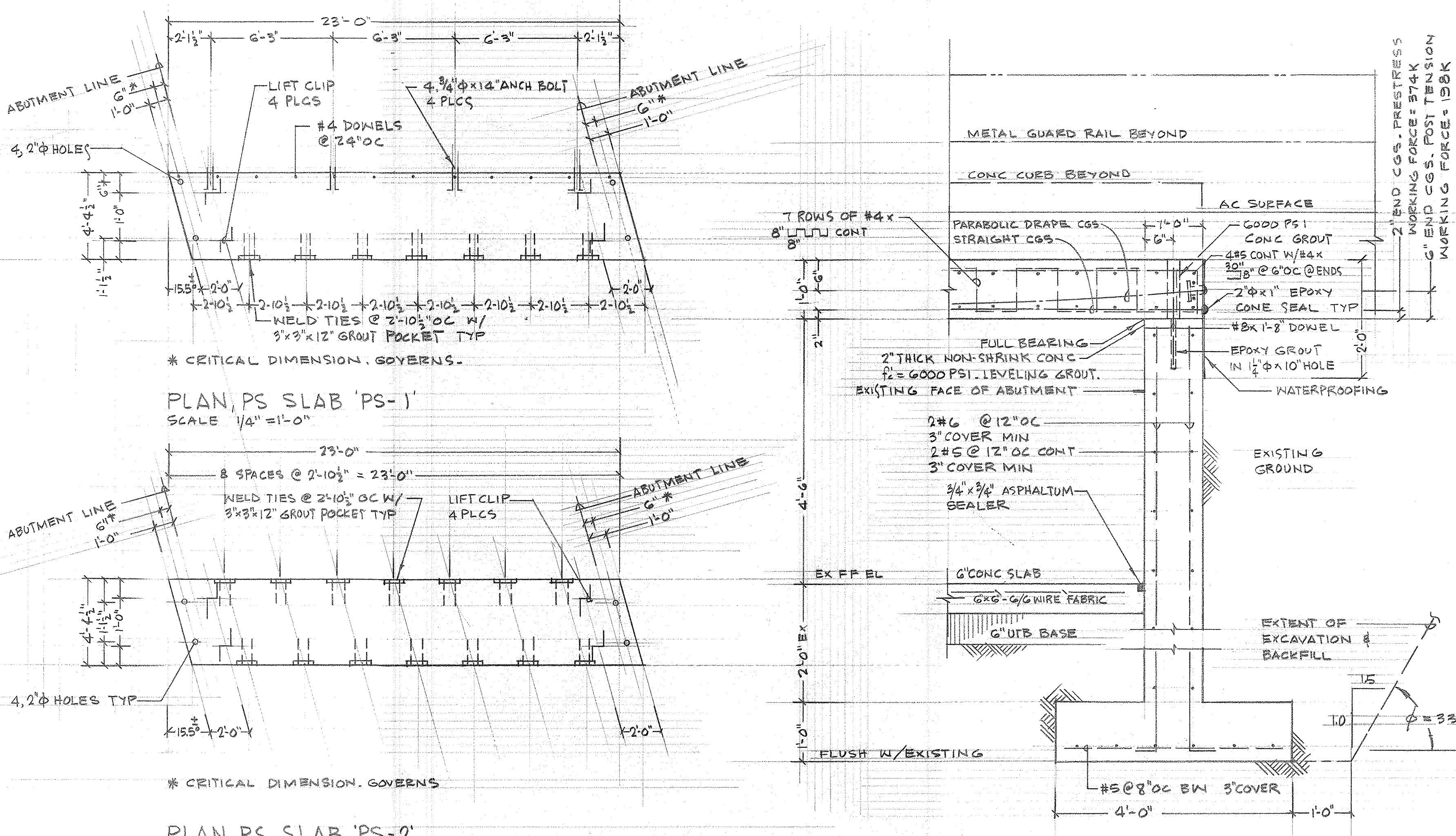
This work was prepared by me or under my supervision
Daniel Y. Tokunaga
Signature

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
H2O REDECKING OF
PULEHU BRIDGE

SCALE: AS SHOWN DATE: 6-18-85

FED ROAD DIST NO	STATE	FED AID PROJ NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
HAWAII	HAW	RS-0311(1)	1984	6	14

- NOTES
- INSPECT SITE FOR COMPLETE KNOWLEDGE OF EXISTING CONDITIONS.
 - ALL WORK SHALL BE IN CONFORMANCE WITH AASHTO'S "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" AND "HAWAII STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."
 - WORK DESCRIPTION: REMOVE ONE HALF OF BRIDGE DECK. RETAIN EXISTING ABUTMENT. EXTEND ABUTMENT WITH FOOTING FOR DECK WIDENING. INSTALL NEW PRESTRESS CONCRETE SLAB FOR H2O LOADING. INSTALL ROADWAY PAVING. REPEAT THE ABOVE MENTIONED PROCEDURE FOR THE OTHER HALF OF BRIDGE.
 - SHOP DRAWINGS REQUIRED FOR ALL WORK. AN AS-BUILT DRAWING OF THE EXISTING ABUTMENT & FOOTINGS SHALL BE MADE BY THE CONTRACTOR FOR USE IN THE FRAMING & PS SLAB SHOP DRAWING.
 - REMOVAL OF SLAB FROM ABUTMENT SHALL BE WITH DIAMOND SAW. A FLAT BEARING SURFACE IS REQUIRED
 - CONCRETE, PS. SLABS. $f'_c = 6000$ PSI @ 28 DAYS
 $f'_c = 4000$ PSI @ DETENSION
ALL OTHERS. $f'_c = 3000$ PSI @ 28 DAYS
 - PRESTRESS STRANDS: 1/2" ϕ 270K T WIRE. PLASTIC WRAPPED FOR POST TENSION.
 - REINFORCING STEEL: ASTM A615. #4 & GR 40. #5 & LARGER GR 60 OR UNLESS OTHERWISE NOTED.
 - WELDED WIRE FABRIC. ASTM A-185 GALVANIZED.
 - STEEL. ASTM A36
 - BOLT, NUT, WASHERS: ASTM A490 HS.
 - WELDING: RODS: E60. BY CERTIFIED WELDERS
 - EPOXY: 2 PART, NON-SAG, GENERAL PURPOSE. $f'_c = 12000$ PSI IN 4 DAYS
 - REFER TO METAL RAILING SECTION FOR DETAILS.
 - BRACE ALL WALLS THROUGHOUT CONSTRUCTION
 - SHORE PS SLABS DURING PAVING OPERATIONS
 - PATCH & RESTORE ALL STRUCTURES REMOVED DURING CONSTRUCTION
 - STRUCTURAL FILL: SELECT BORROW
 - CUSHION FILL: #38 FINE
 - COMPACTION: 95% OF MAXIMUM PER ASTM 1557
 - SUBMIT TRAFFIC CONTROL PLAN FOR APPROVAL
 - CEMENT PLASTER: 1 PART MASONRY CEMENT, ASTM C-91, 3 PART SAND.
 - PRESTRESS WORKING FORCE = 130.7 KIP PER FT W/ ϕ CGS @ +2" ABOVE BOTTOM
 - BRIDGE DECK, STREAM BED, & EMBANKMENTS SHALL BE LEFT CLEAN.
 - WATERPROOFING: 3 COATS OF TYPE 'C' ASPHALT. ASTM D449.



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Signature

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