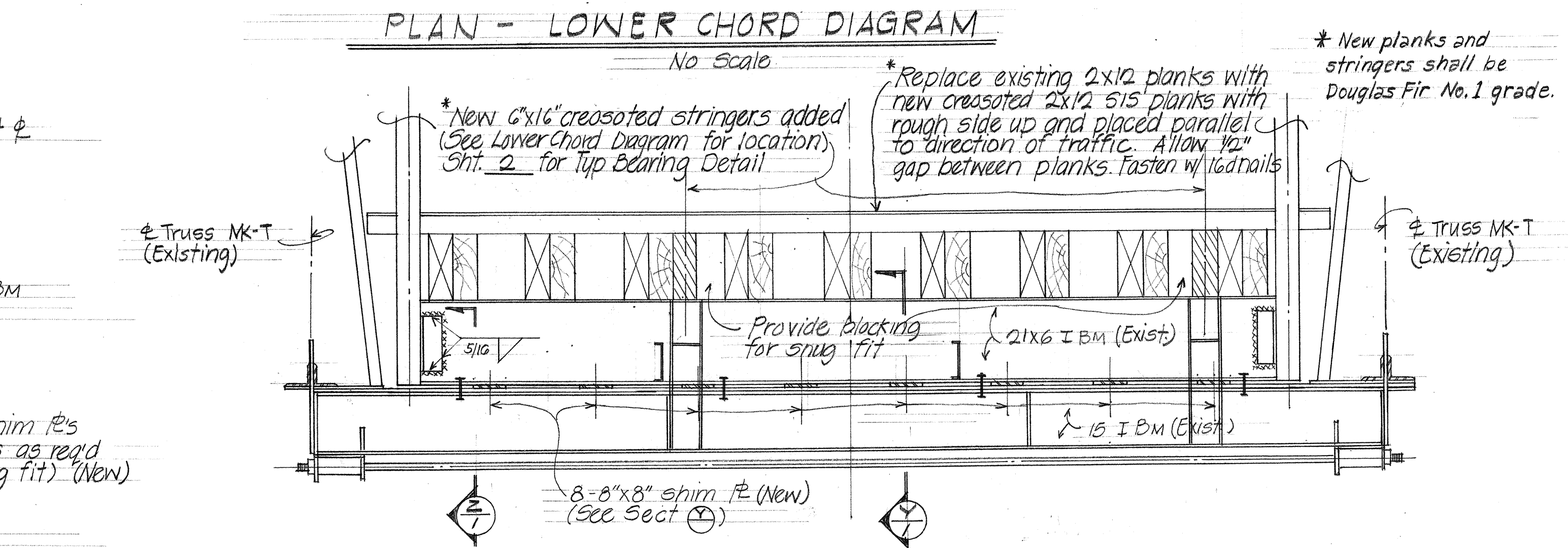
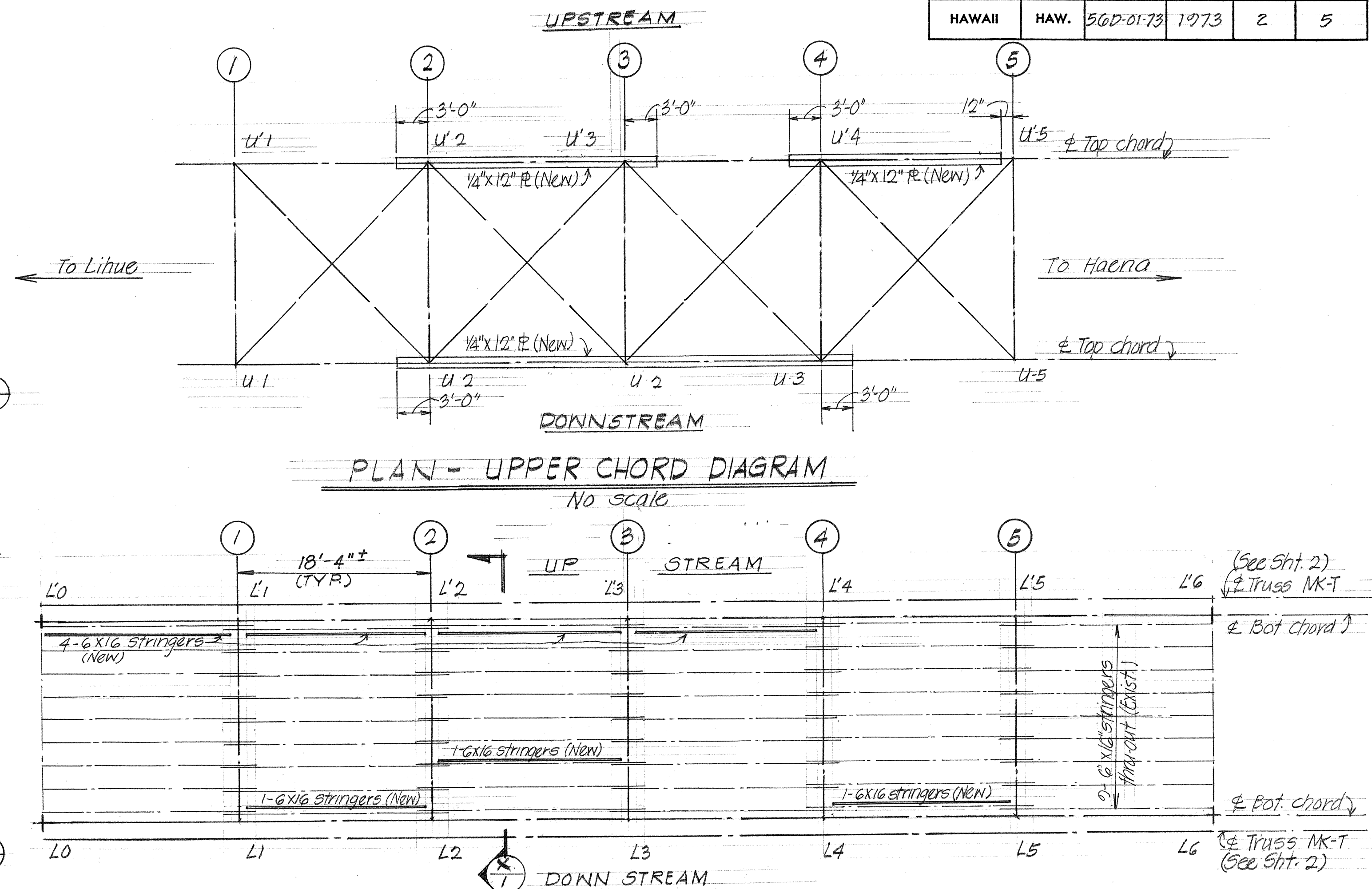
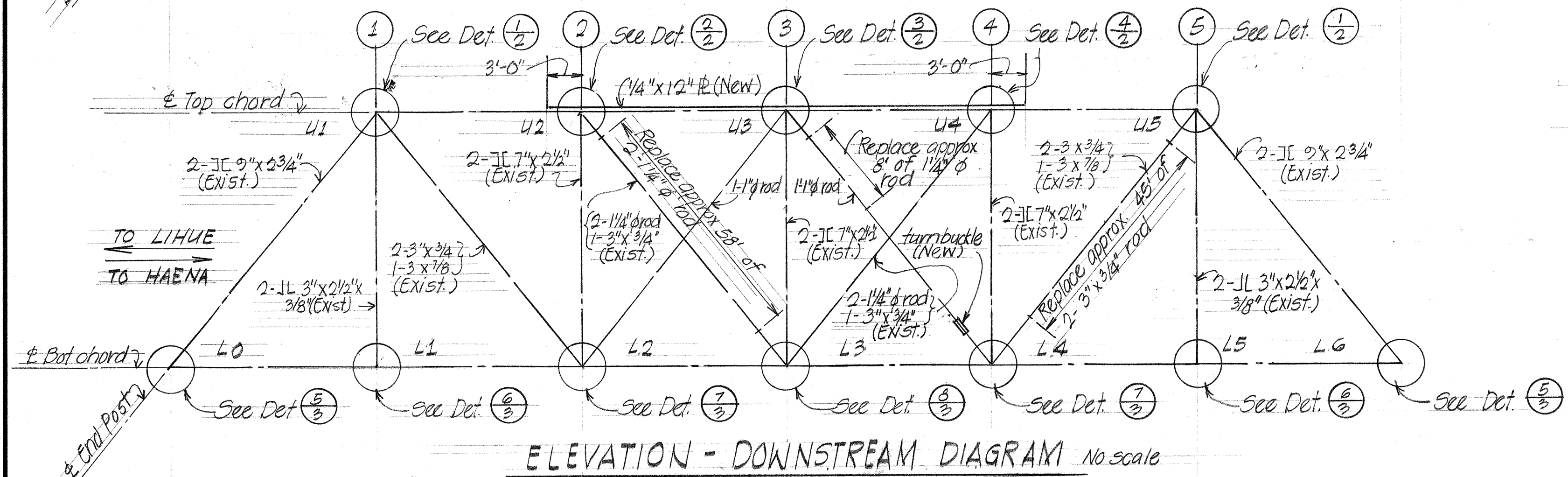
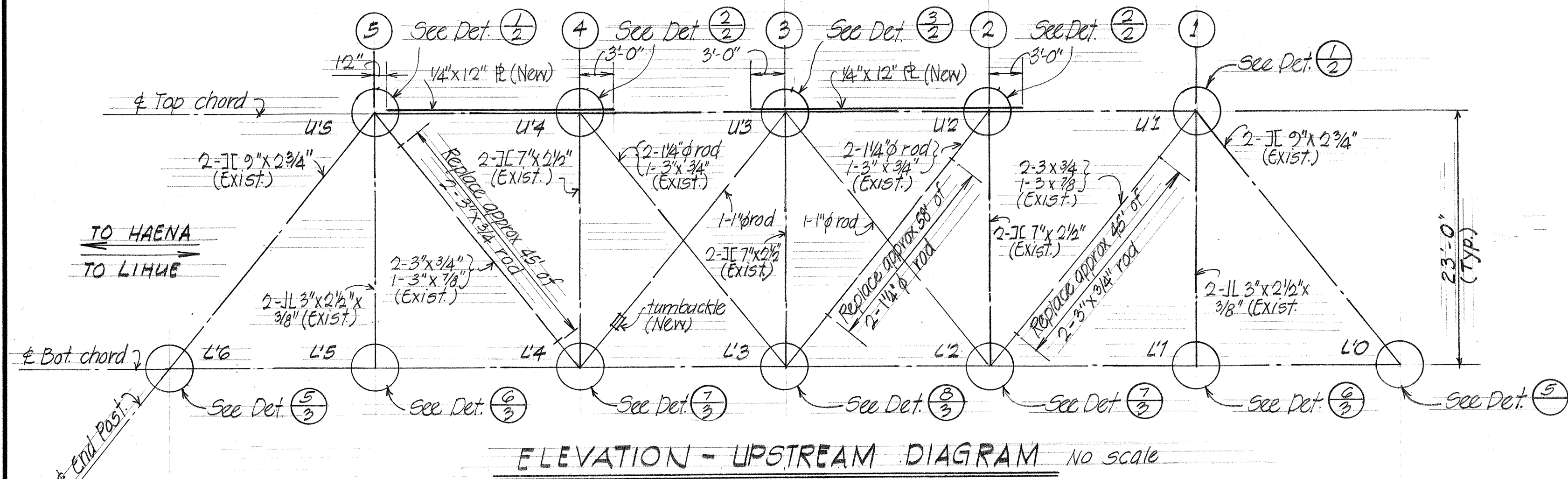


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-73	1973	2	5

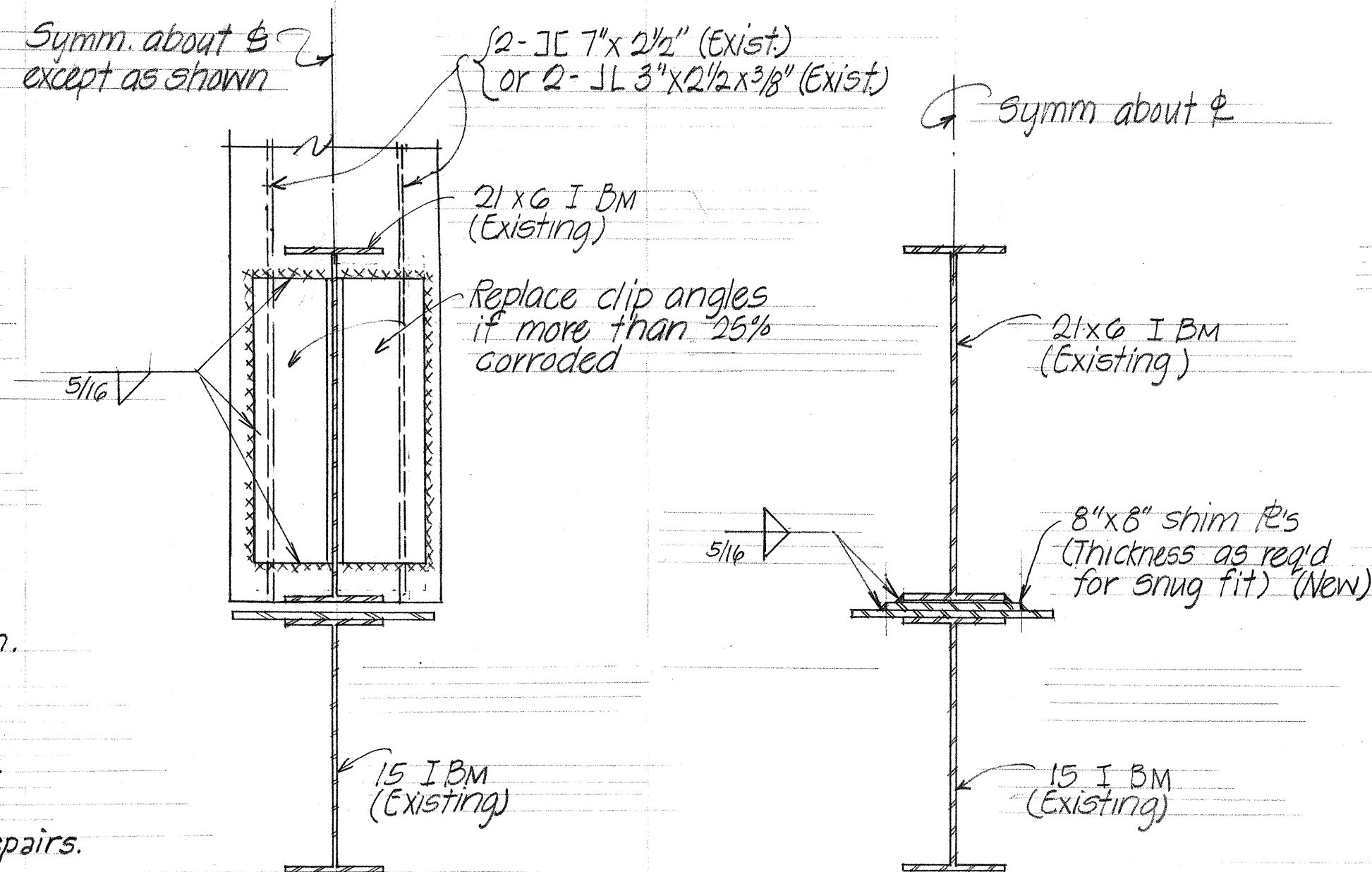


NOTE:
The following items of work shall be considered incidental to the various pay items and shall not be paid for separately.

- Existing 2x12 timber decking shall be stockpiled at the Kauai District baseyard as directed by the Engineer.
- Portions of the bottom chord (See Sheet 3) which are to be removed and not replaced.
- Miscellaneous hardware, including turnbuckles required to tighten tension members.
- Painting of new structural steel incorporated into the bridge (See Specifications).
- Cleaning of debris, loose material and foreign matter from the truss joints.

GENERAL NOTES

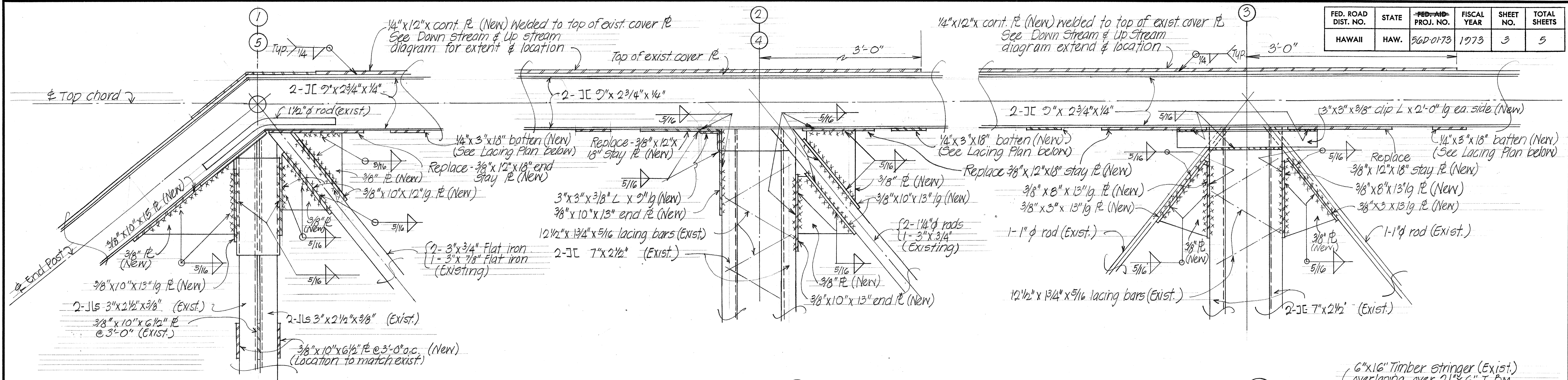
- All repairs and additions shall be made in a symmetrical pattern.
- Any member or component having less than 75% of its original cross-section shall be strengthened to its original capacity as directed by the Engineer.
- Tension members shall be constructed straight and tight without any slack or turnbuckles shall be added when necessary.
- Hanalei bridge shall be kept open to public traffic while undergoing repairs.
- All dimensions shown shall be verified in the field.
- Contractor shall take all necessary precautions for protection of existing or new work and safety of public (especially during welding and removal of materials).



ITEM NO.	ITEM	UNIT	QUANTITY
502.70	Treated Timber	MFBM	4.35
501.70	Structural Steel	Lbs	7,050
501.80	Fillet Weld - All sizes	Lin. Ft.	6,101
501.90	Butt Weld	each	18

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KUHIO HIGHWAY
REPAIRS TO HANALEI BRIDGE
HANALEI, KAUAI
Proj N^o 56D-01-73 DATE DEC. 1972
SHEET No. 1 OF 3 SHEETS

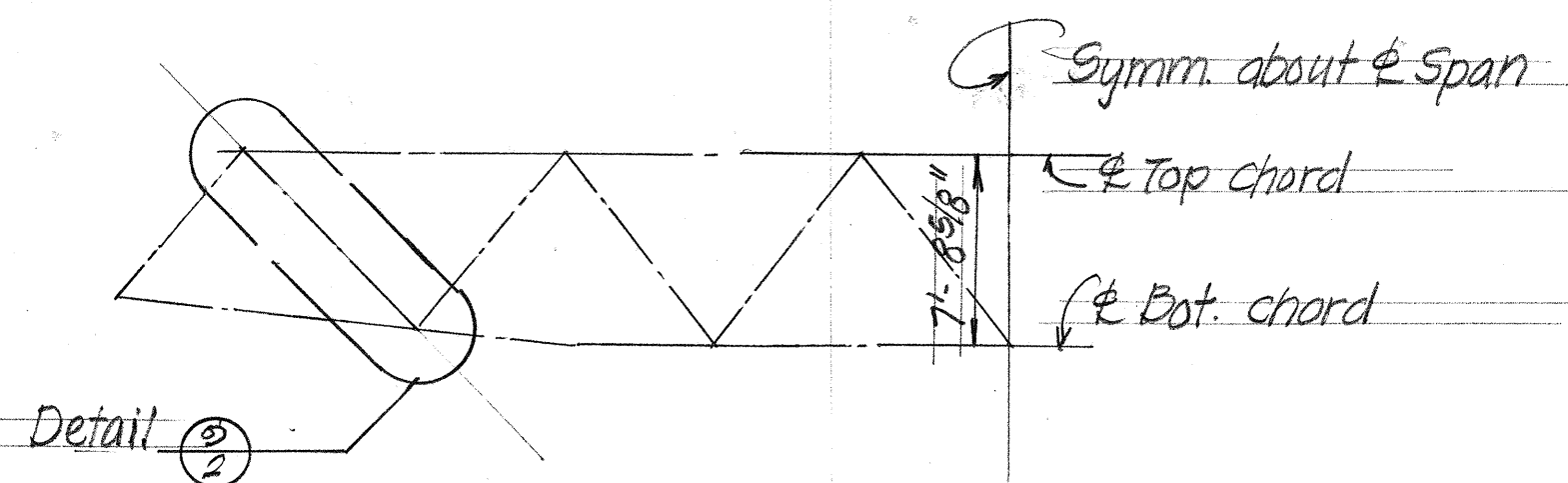
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-73	1973	3	5



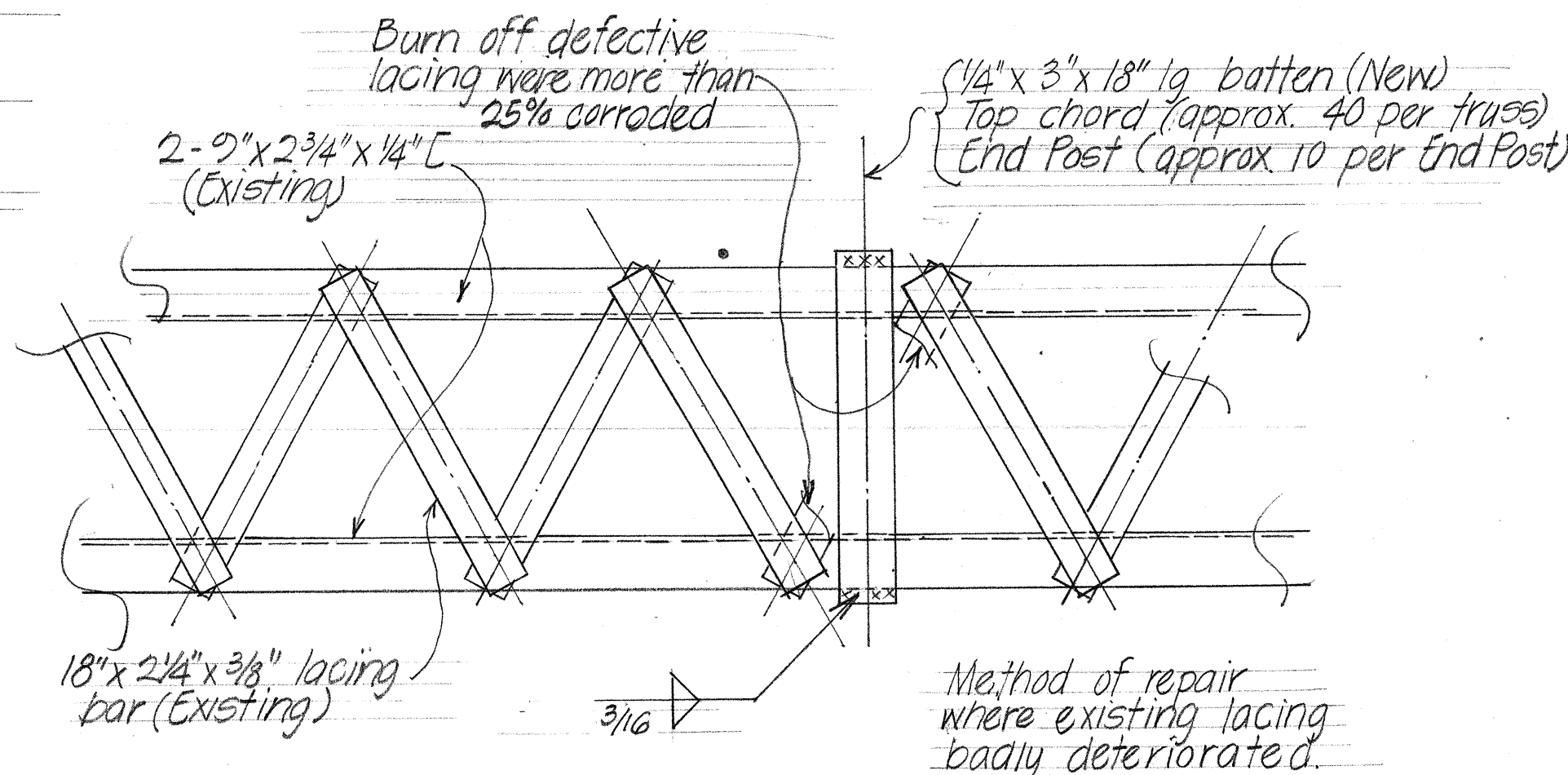
DETAIL 1
Scale: 1 1/2" = 1'-0"

DETAIL 2
Scale: 1 1/2" = 1'-0"

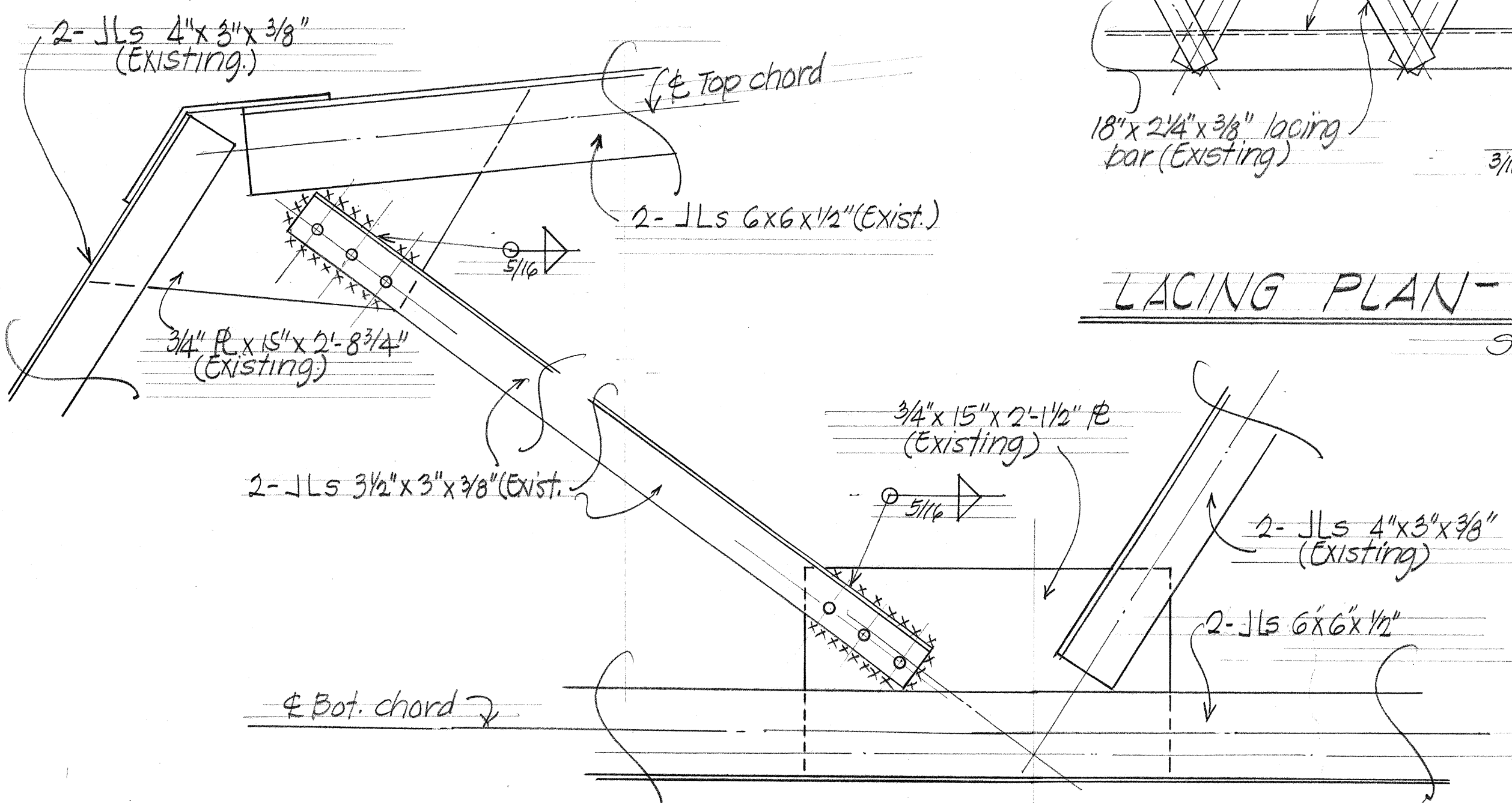
DETAIL 3
Scale: 1 1/2" = 1'-0"



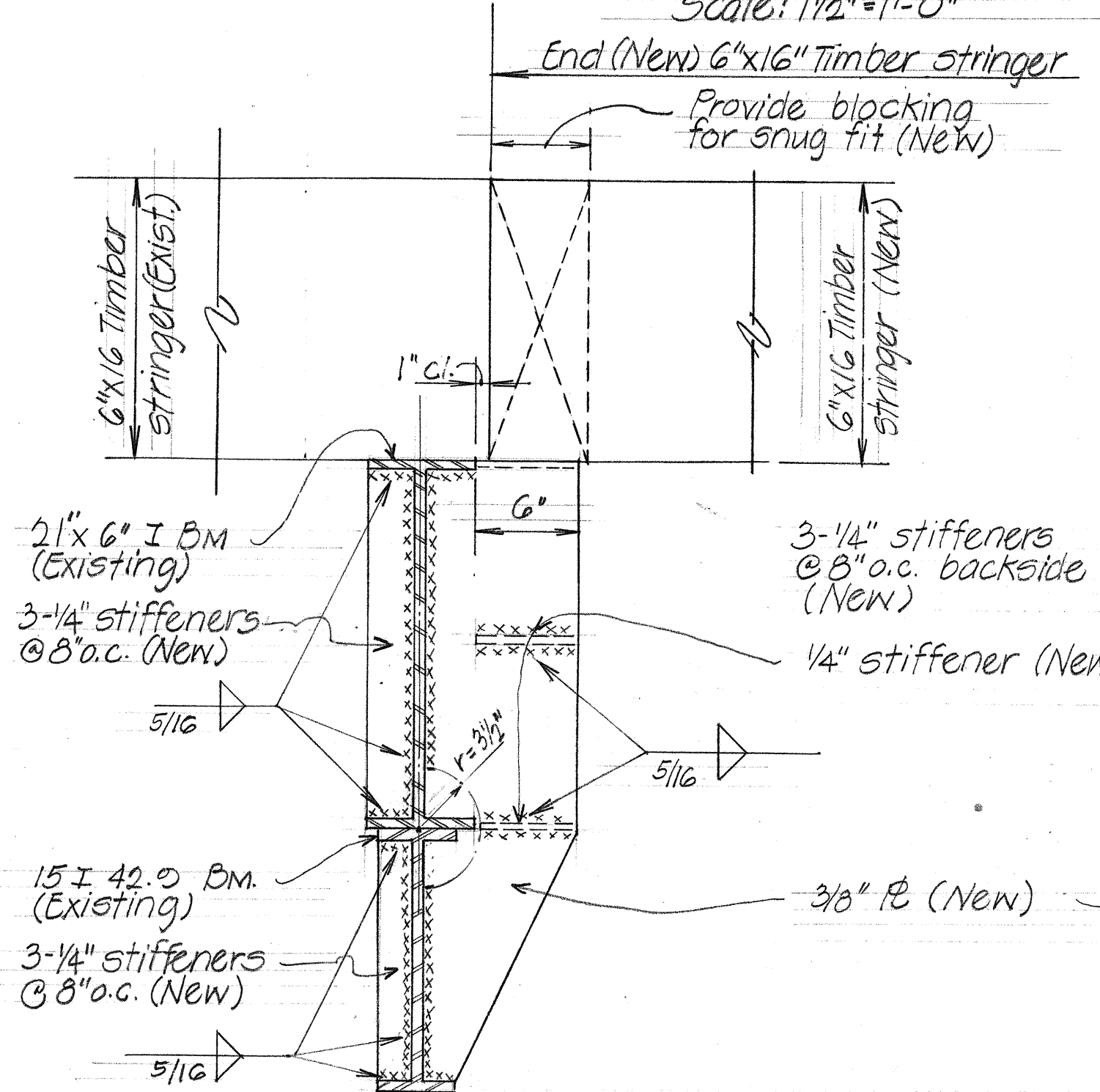
TRUSS MKT DIAGRAM
Not to scale



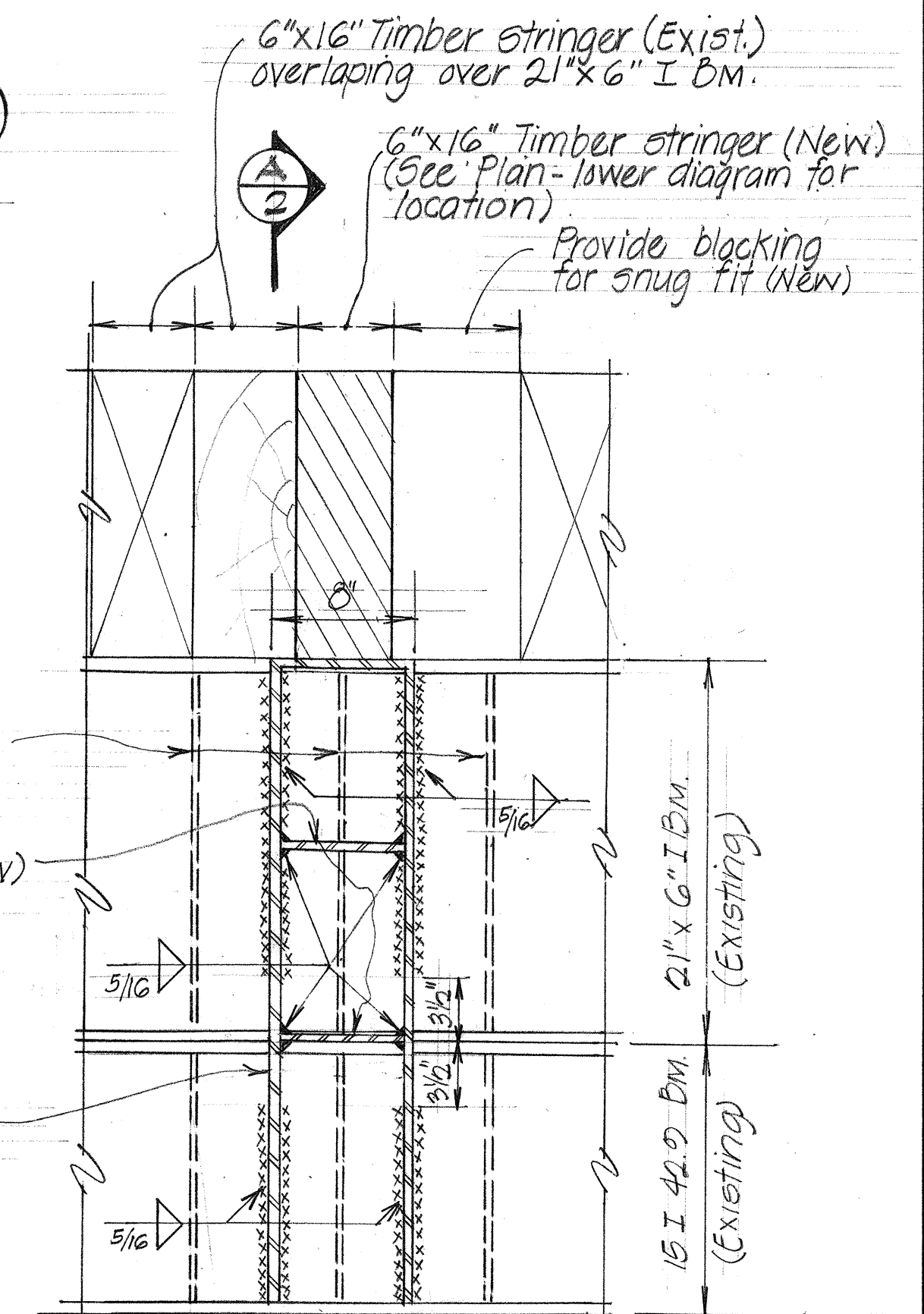
LACING PLAN-TOP CHORD or END POST
Scale: 1 1/2" = 1'-0"



TRUSS MKT DETAIL
Scale: 1 1/2" = 1'-0"



SECTION A-A
Scale: 1 1/2" = 1'-0"



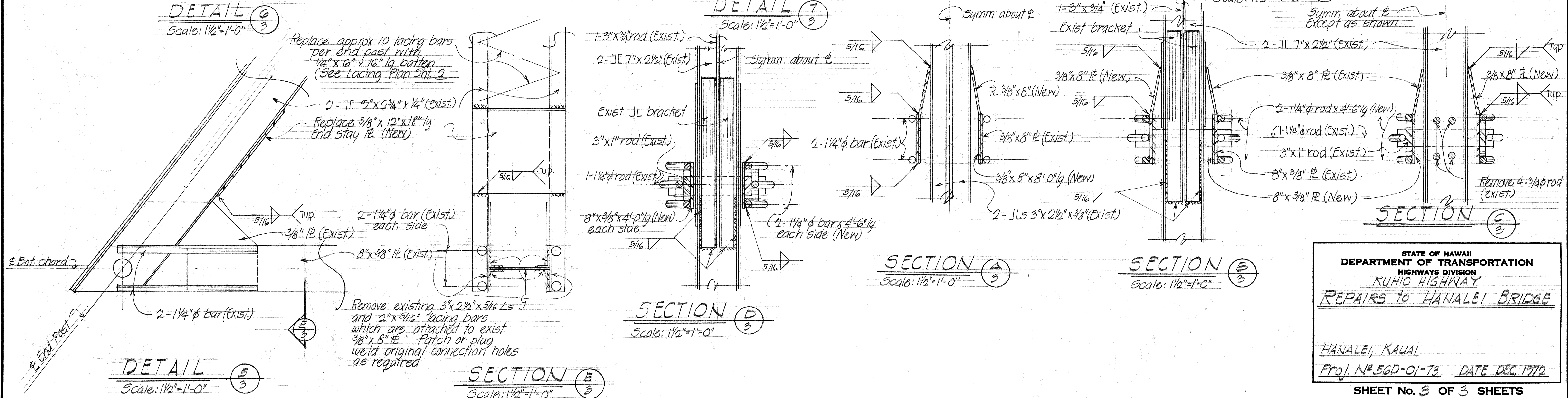
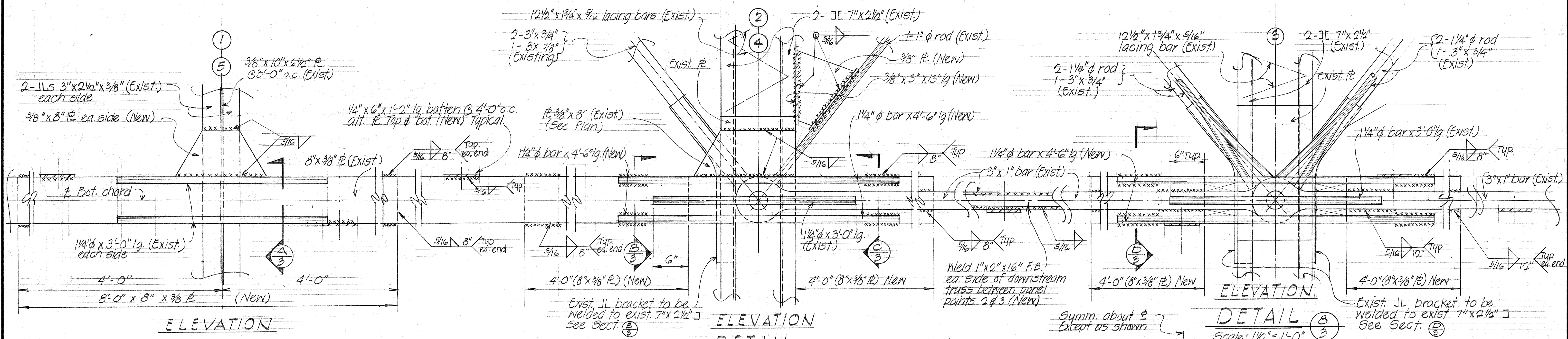
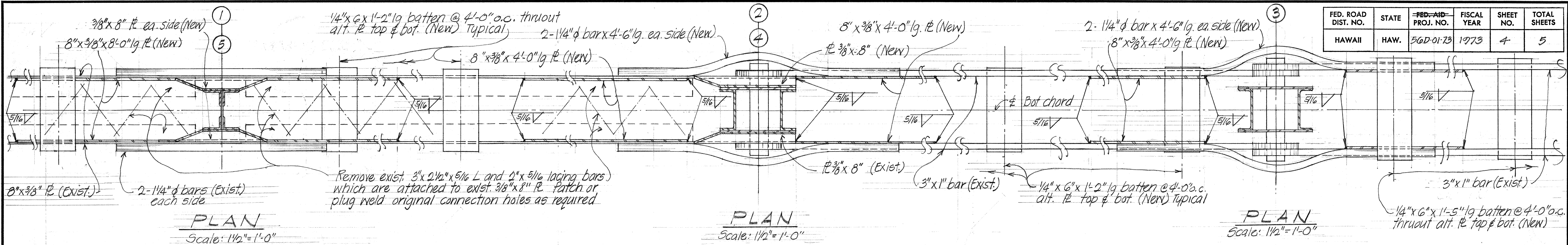
TYP BEARING DETAIL for ADDED STRINGERS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KUHIO HIGHWAY
REPAIRS TO HANAIEI BRIDGE

HANAIEI, KAUAI
Proj. No. 56D-01-73 DATE DEC. 1972
SHEET No. 2 OF 3 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	TRACED BY
QUANTITIES BY	CHECKED BY
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-73	1973	4	5



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KUHIO HIGHWAY
REPAIRS TO HANAIEI BRIDGE
HANAIEI, KAUAI
Proj. No. 56D-01-73 DATE DEC. 1972
SHEET No. 3 OF 3 SHEETS

DATE
DESIGNED BY
CHECKED BY
NOTED BY
QUANTITIES BY
DRAWN BY