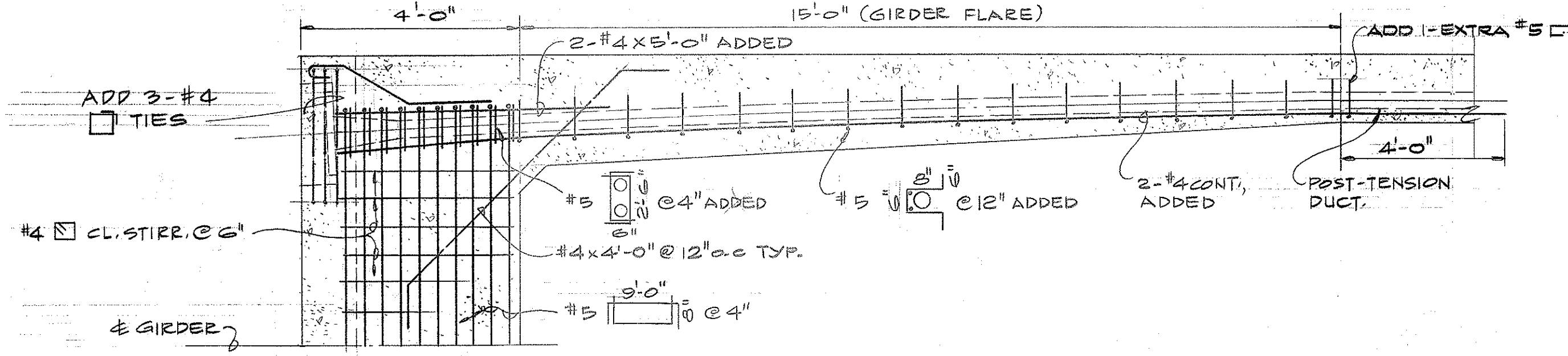
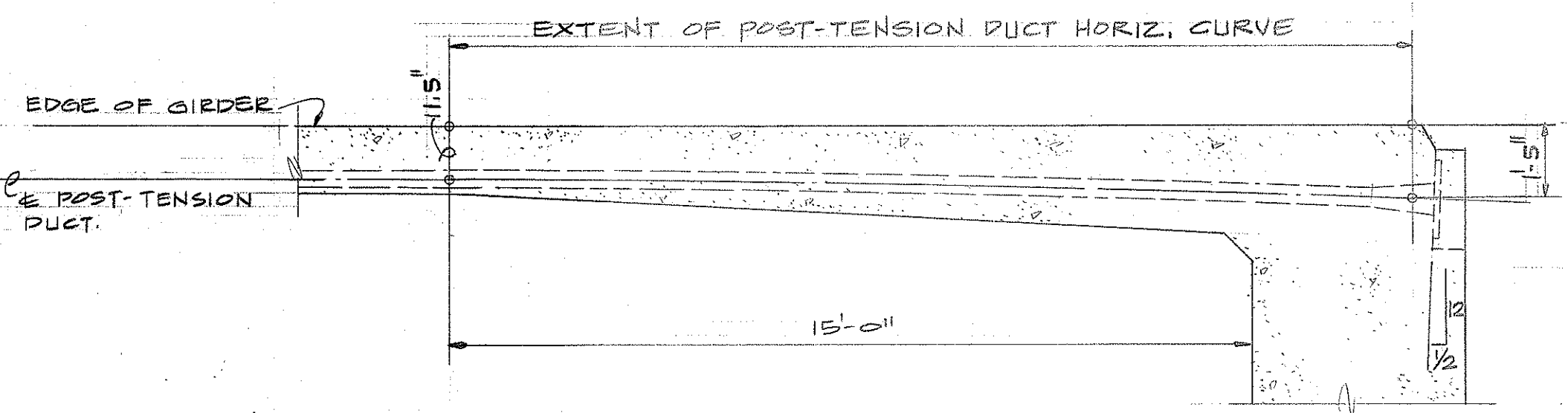


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IHI-1(143):15	1976	5	11

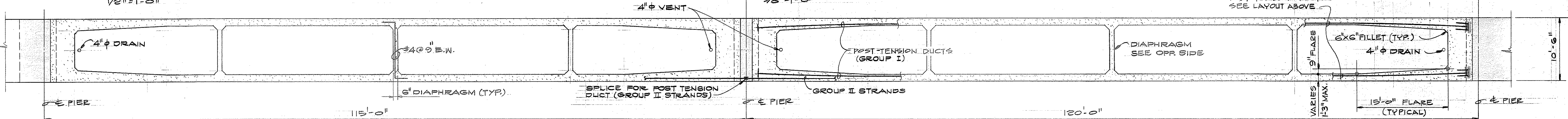
NOTES:
ALL DUCTS OFFSET AT ANCHORAGES SHALL BE PLACED IN A SMOOTH HORIZONTAL CURVE AS SHOWN.



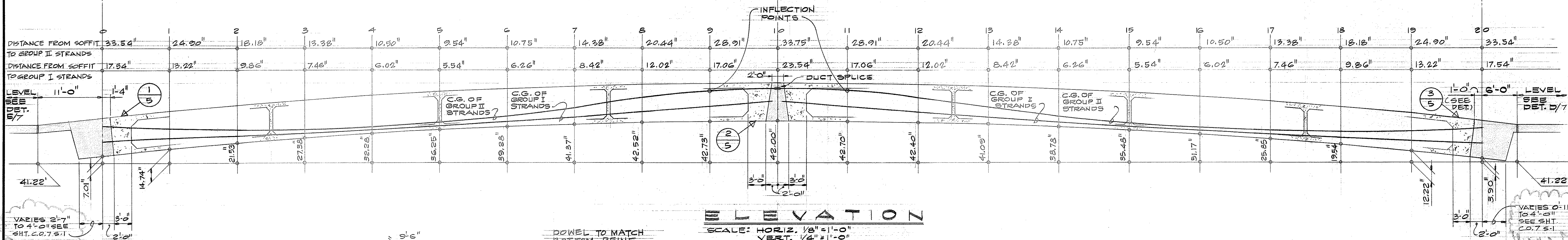
PLAN-TYPICAL ADDED REINF. AT POST-TENSION DUCT
1/8" = 1'-0"



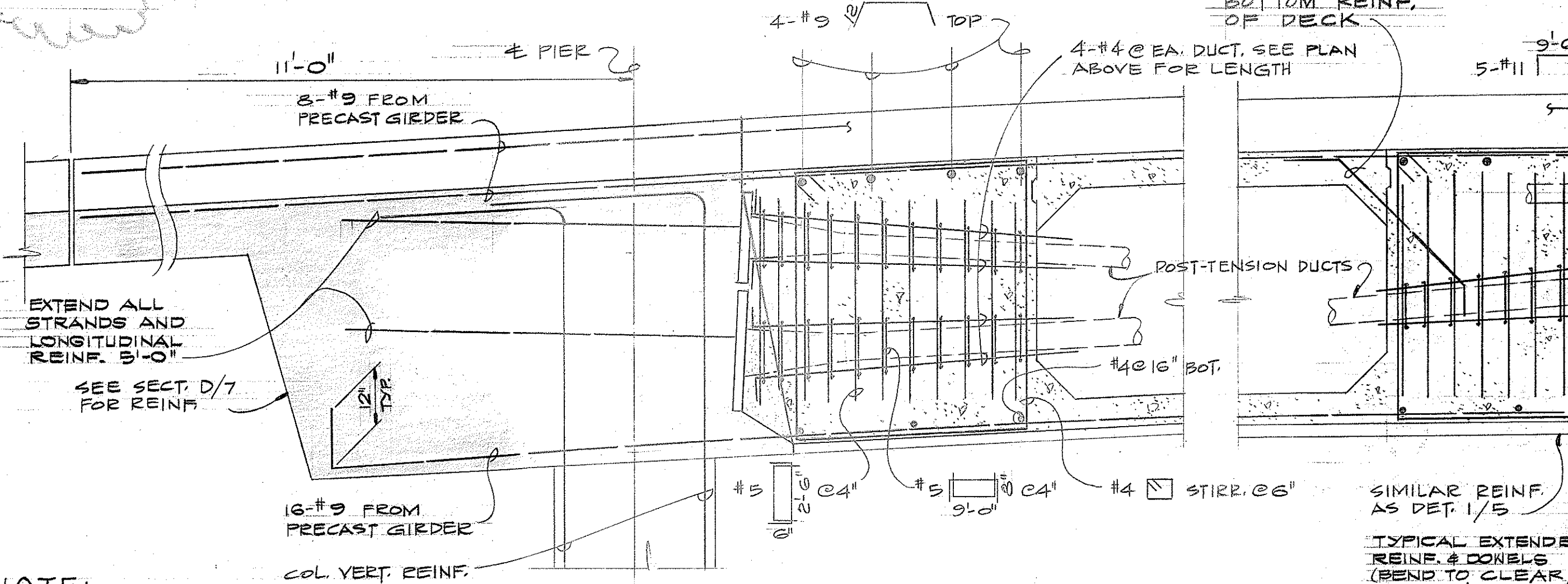
PLAN-TYPICAL POST-TENSION DUCT LAYOUT
3/8" = 1'-0"



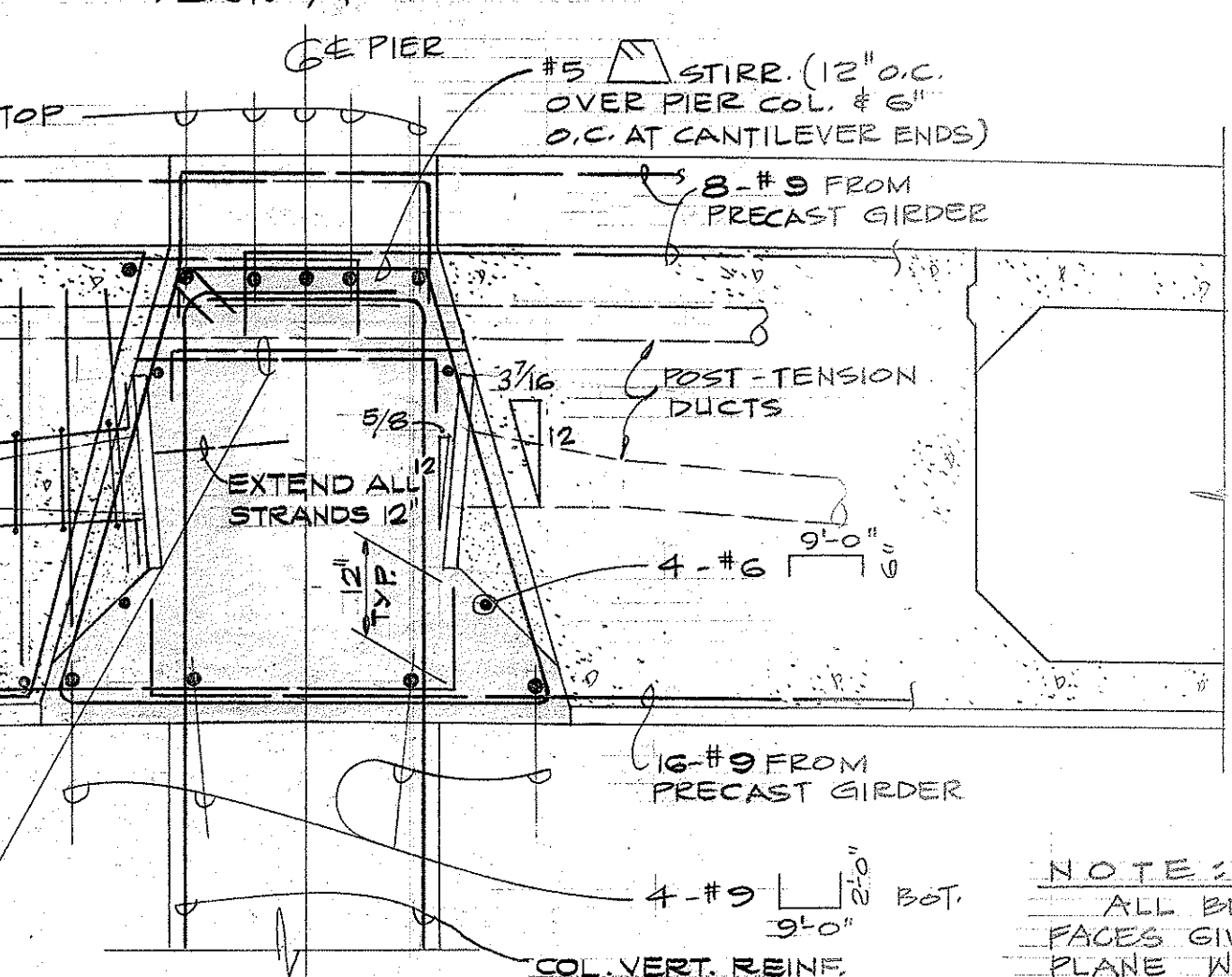
PLAN OF FRAMING
SCALE: 1/8" = 1'-0"



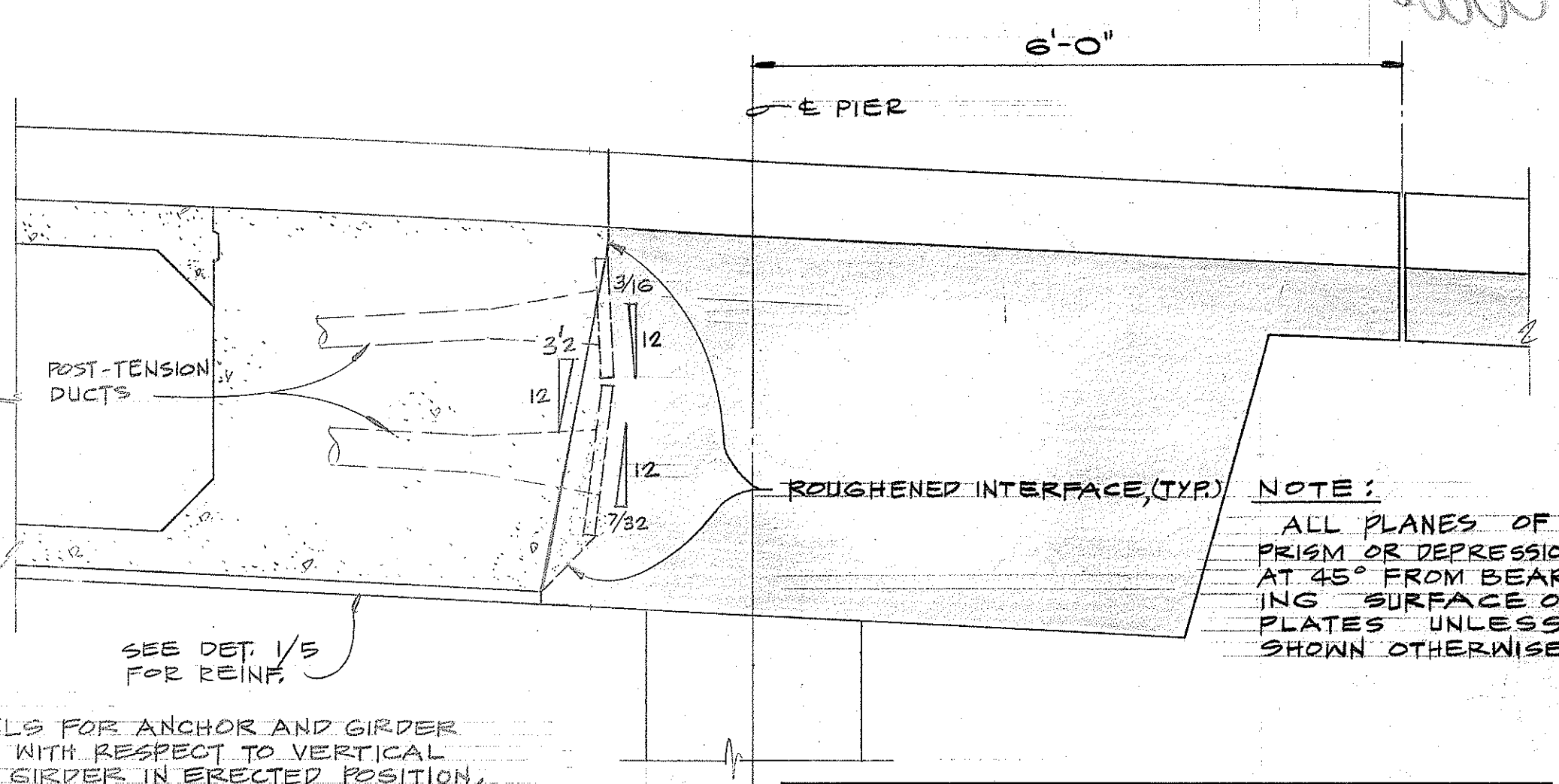
ELEVATION
SCALE: HORIZ. 1/8" = 1'-0"
VERT. 1/4" = 1'-0"



DETAIL 1 (TYPICAL SIDE PIER)
3/4" = 1'-0"



DETAIL 2 (MIDDLE PIER)
3/4" = 1'-0"



DETAIL 3
3/4" = 1'-0"

NOTE:
For additional rebars, see C.O. 75-1.

POST TENSION NOTES:

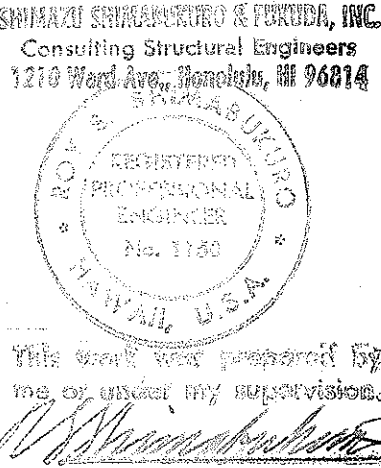
- ALL STRANDS SHALL BE 1/2" ϕ 270K
- GROUP I STRANDS SHALL BE JACKED FROM BOTH ENDS BUT THE GROUP I STRANDS NEED BE JACKED FROM ONE END ONLY.
- EFFECTIVE POST TENSION FORCE AFTER ALL LOSSES (IN KIPS) SHALL BE:

	@0	@5	@10	@15	@20
GROUP I	1329	1434	1460	1438	1403
GROUP II	660	686	707	689	669

- LOSSES:
ANCHOR SET ----- 5/8"
FRICTION LOSSES ----- BASED ON K = .0002 (FRICTION COEFFICIENT) & $\mu = .25$ (CURVATURE FRICTION COEFFICIENT) TO BE CONFIRMED BY FIELD TESTS PER SPECS.
- SECONDARY JACKING FORCE ON SUPPORTS ----- 5.0K AT EACH MIDDLE SUPPORT.

SPECIAL NOTE
CONTRACTOR SHALL PLACE PRECAST GIRDER REINFORCING TO AVOID INTERFERENCE WITH COLUMN REINF. & INTERFERENCE BETWEEN REINF. EXTENDING FROM PRECAST GIRDER ENDS OVER MIDDLE PIER.

DATE	REVISION
6-19-78	REVISED CONC END FOUR STRIP DIMENSIONS
1-24-78	CHANGED BEVEL (3/8"); CHANGED DIM. (ELEM)



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BRIDGE SUPER STRUCTURE

PEDESTRIAN-BIKWAY OVERPASS
PEARL HARBOR INTERCHANGE
F.A.I. PROJ. NO. I-HI-1(143):15

Scale: As Shown Date: Oct. 1976

SHEET NO. 5 OF 11 SHEETS

SURVEY PLOTTED BY	DATE
PLAN	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	