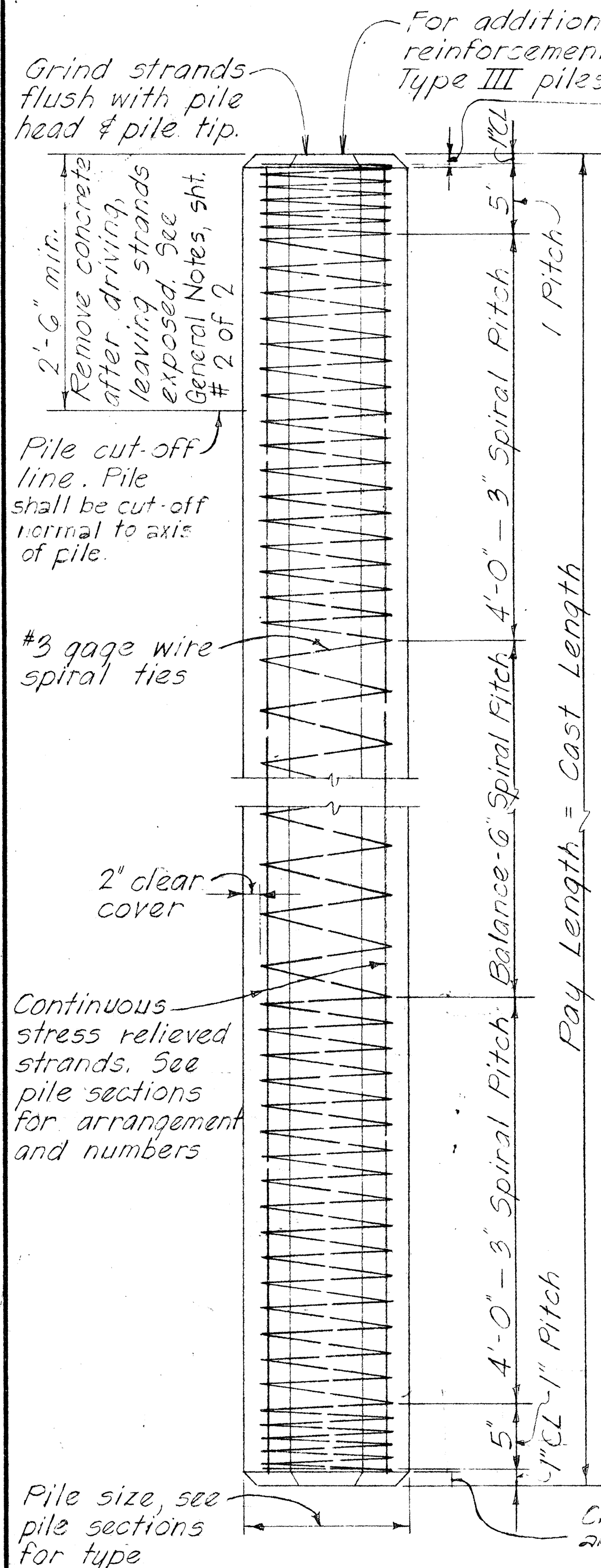
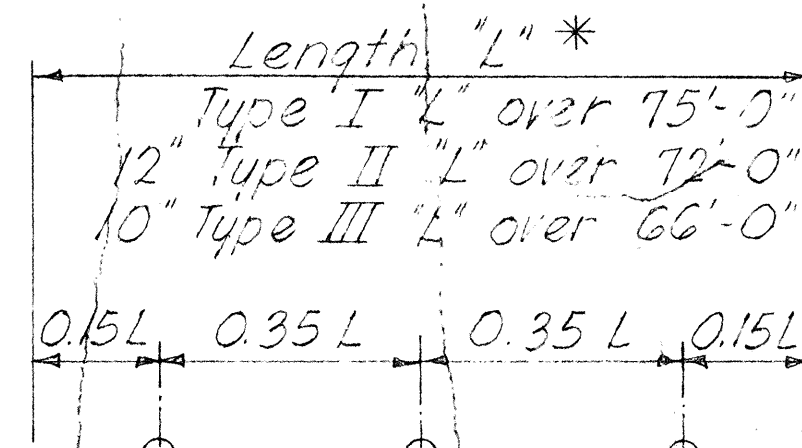
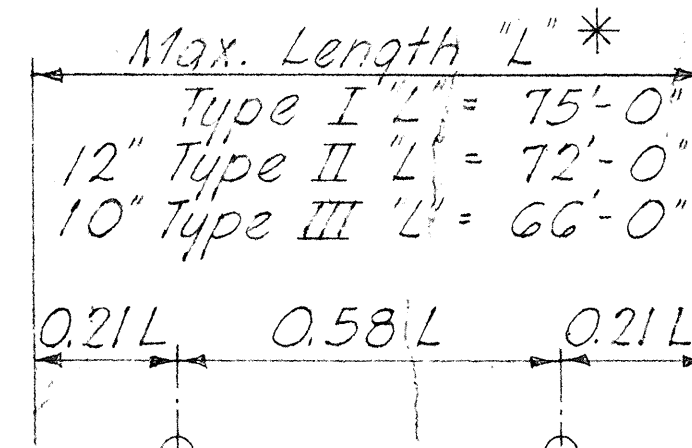
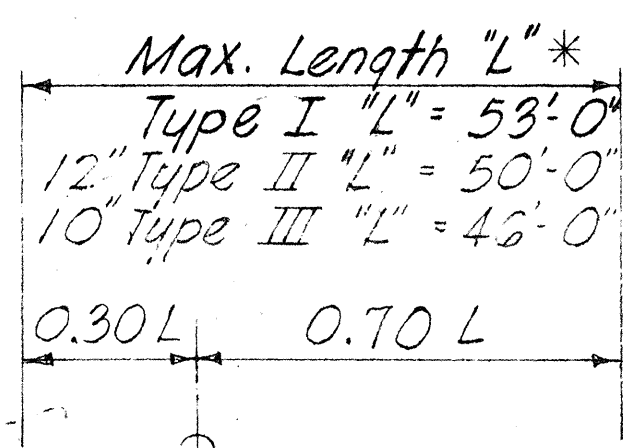




TYPICAL PILE DETAIL



*The length "L" is the distance end to end of pile.

1 POINT PICK-UP

2 POINT PICK-UP

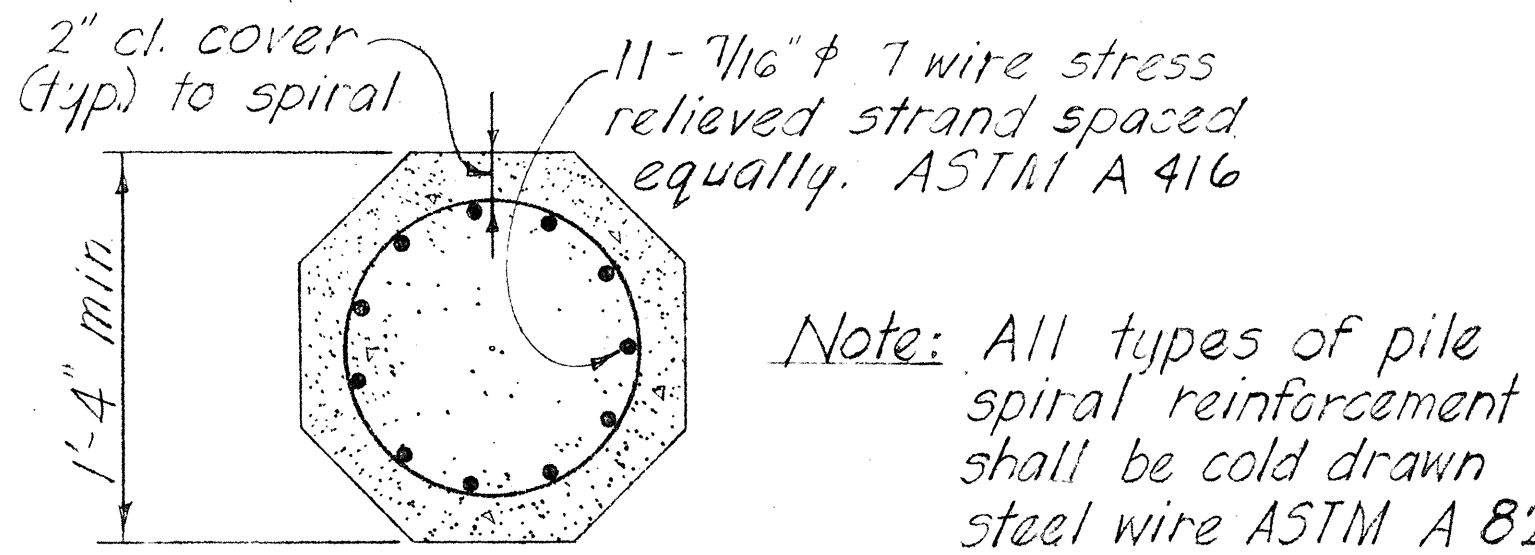
3 POINT PICK-UP

NOTE: Unless special lifting devices are attached for pick-up points, pick-up points shall be plainly marked on all piles after removal of the forms and all lifting shall be done at these points. The use of special embedded or attached lifting devices, the employment of other pick-up points or any other method of pick-up shall be subject to approval by the Engineer.

PART ELEVATION SECTION A

TYPICAL ADDED REINFORCEMENT

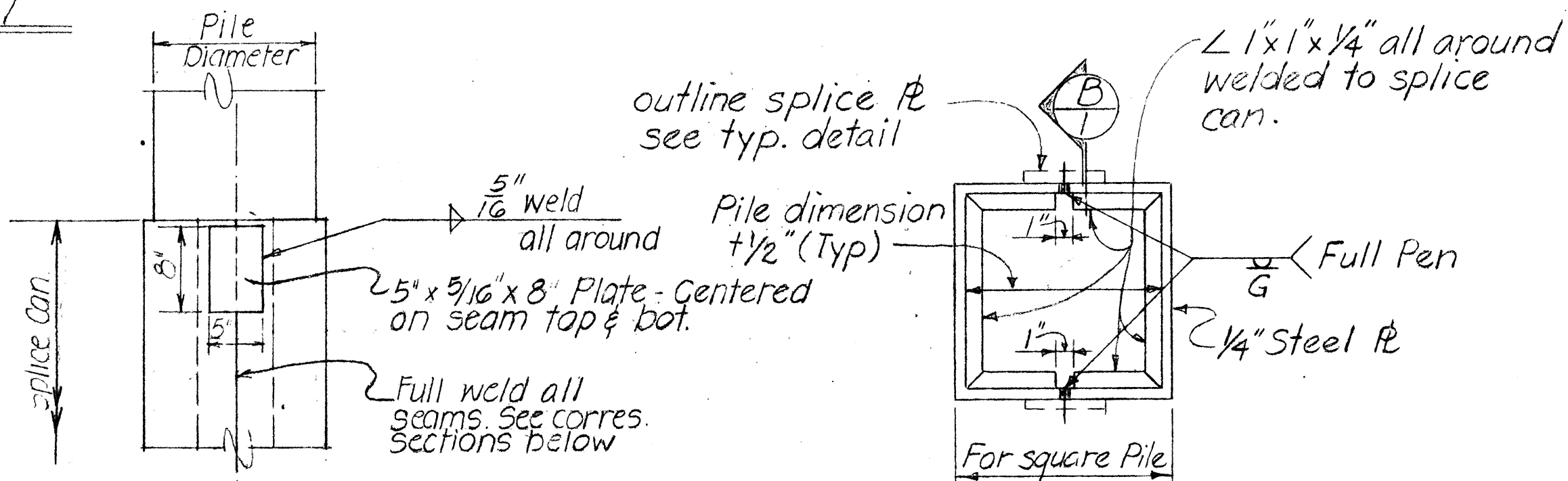
PILE ENDS - TYPE II & III ONLY



TYPICAL SECTIONS THRU PILES

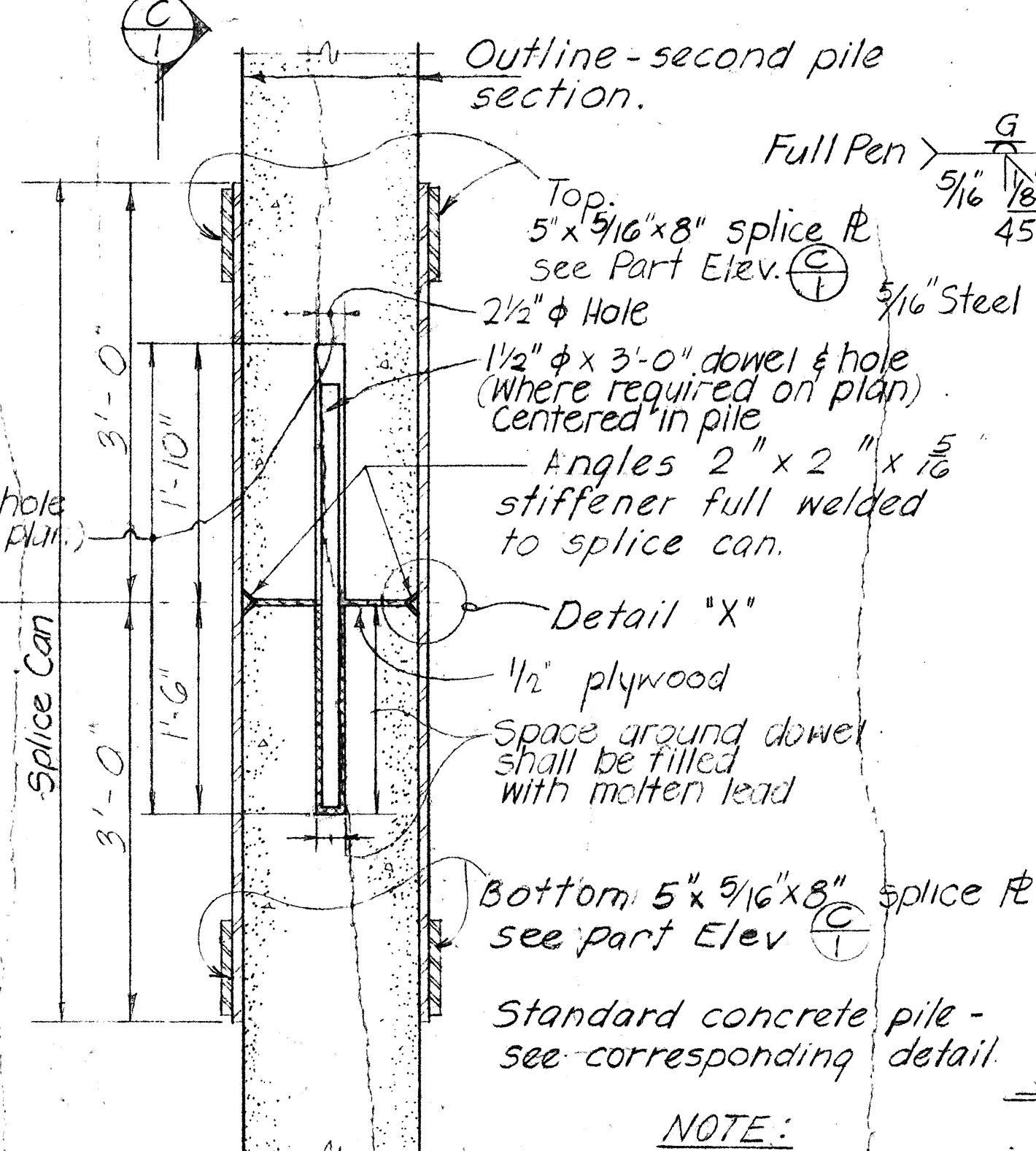
NOTE:

Concrete in pile build-ups without driving shall be Class A Concrete. Concrete in pile build-ups with driving shall have a minimum compressive cylinder strength f'_c of 5000 p.s.i. at 28 days. Build-ups may be driven if the specimen of concrete from which the piles were poured develops a strength of at least 3500 p.s.i. but not earlier than 7 days.



PART ELEV. C

TYPE CAN SPICE &



SECTION B

TYPICAL PILE SPLICE DETAILS

(FOR PRESTRESSED CONCRETE PILES WHEN CAST IN TWO OR MORE SECTIONS)

NOTE: All welding shall conform to the Specifications for "Welded Highway and Railway Bridges" of the American Welding Society.

NO.	REVISION	APPROVED BY	DATE

APPROVAL, RECOMMENDED:

Paul T. Yamashita 1-23-76

BRIDGE DESIGN ENGINEER DATE

APPROVED

Paul T. Yamashita 1-28-76

ASSISTANT CHIEF, ENGINEERING DATE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

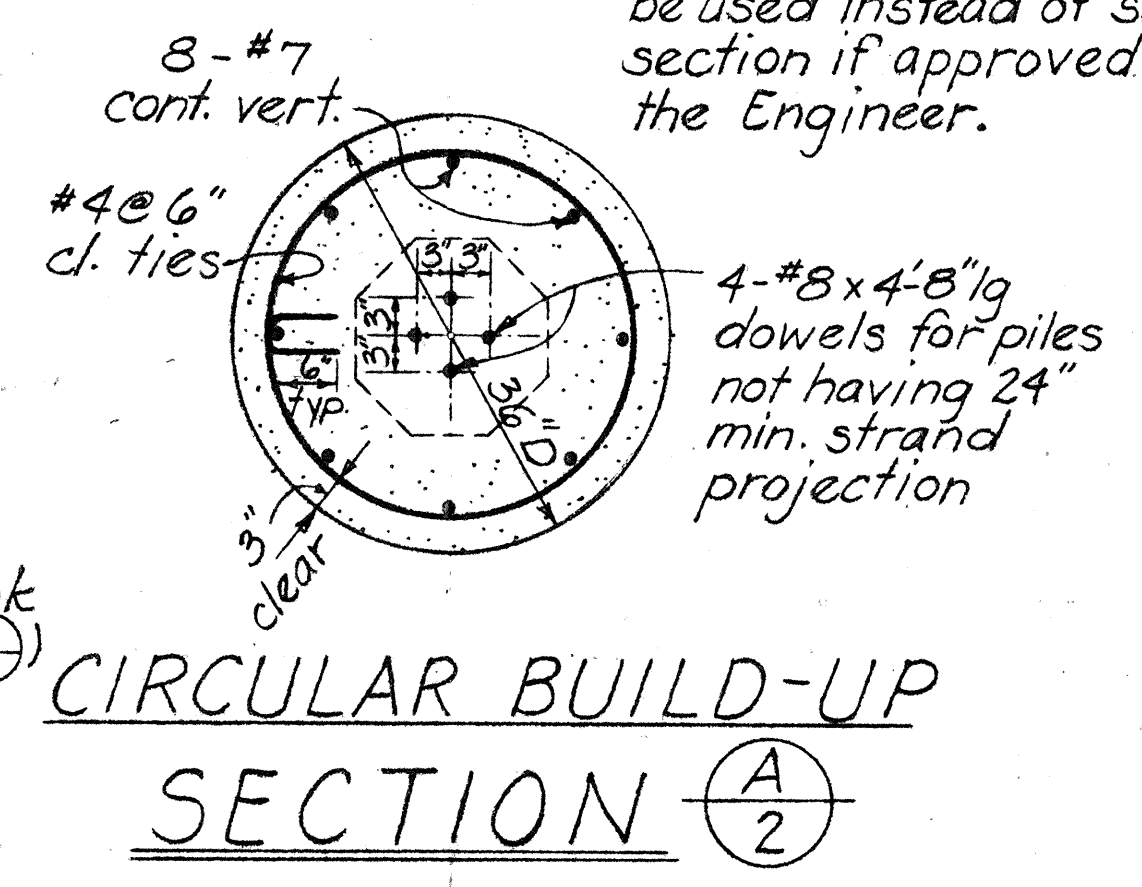
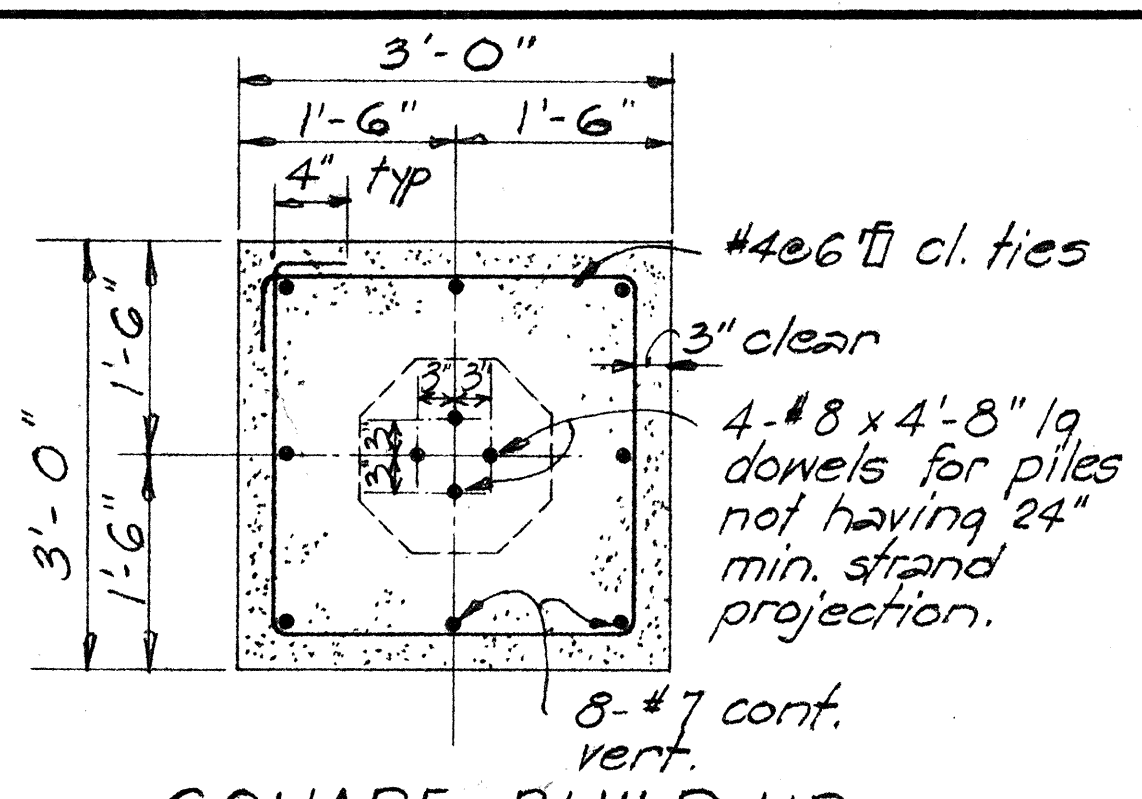
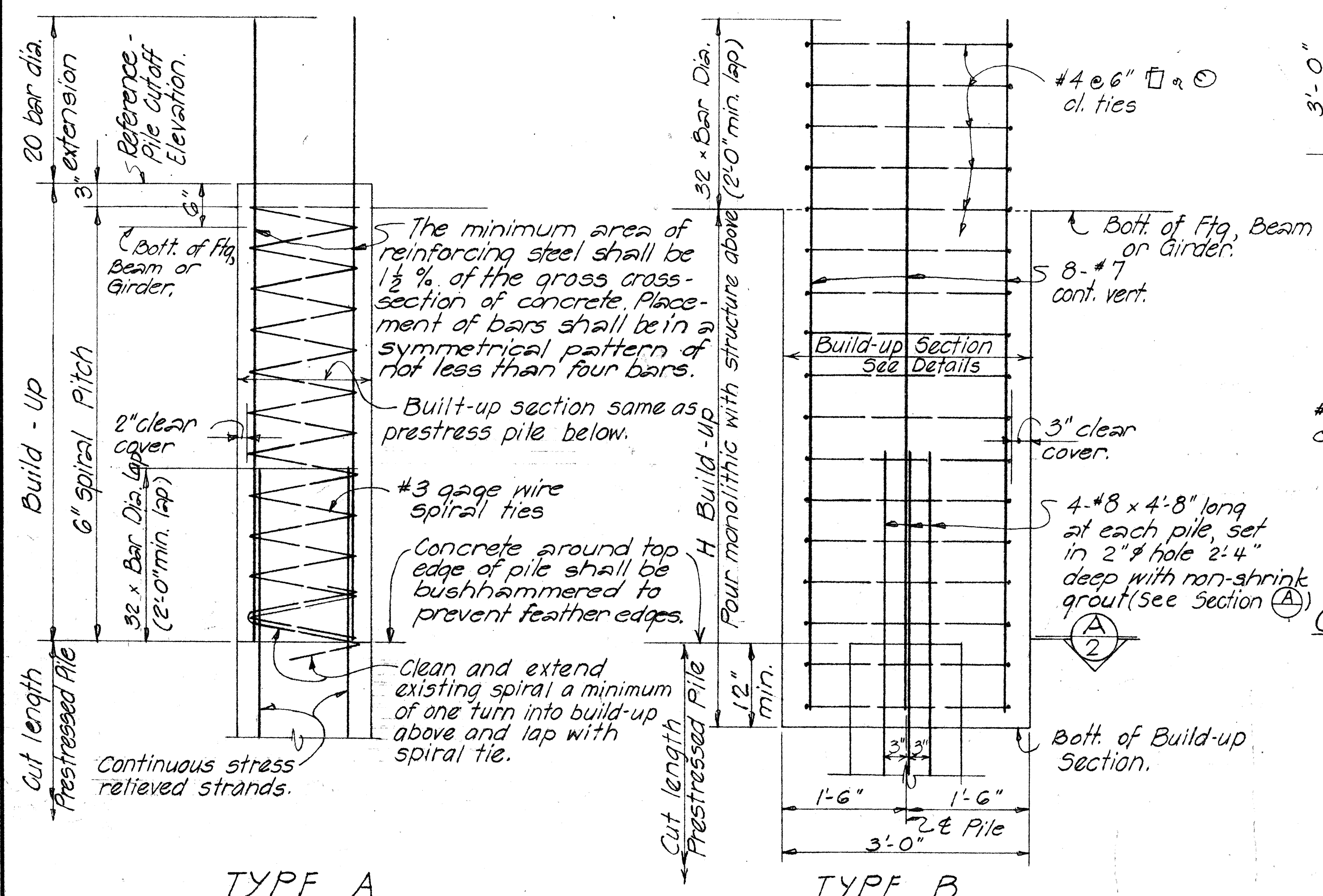
STANDARD DETAILS

PRESTRESSED CONCRETE PILES

Date

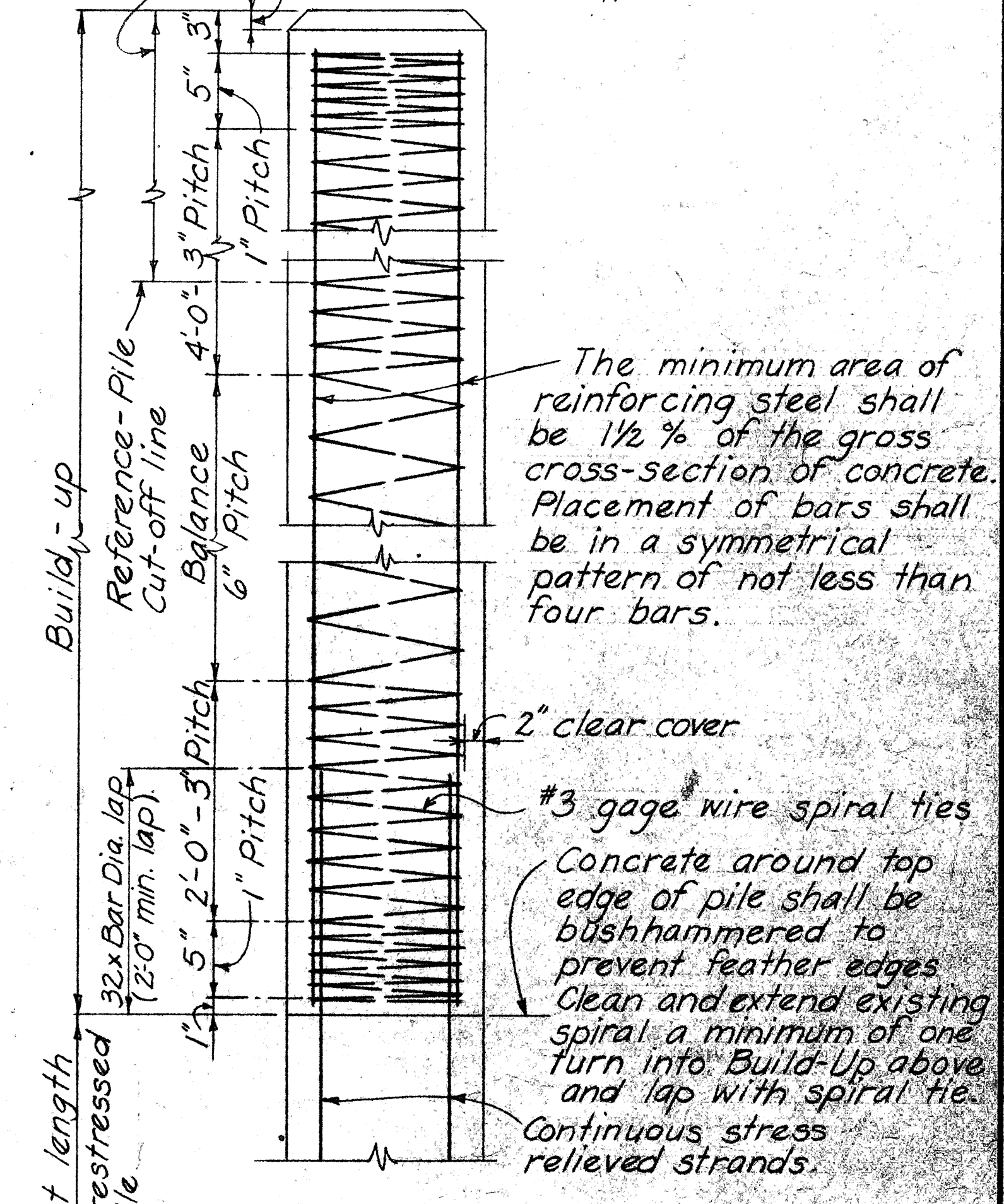
SHEET No. 1 OF 2 SHEETS DB-300-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	U-078-1(14)	1975	6	6



Note: Circular section may be used instead of square section if approved by the Engineer.

2'-6" min. unless otherwise directed by the Engineer. Remove concrete after driving, leaving reinf. exposed. Chamfer - See Typical Pile Detail.



WITHOUT DRIVING

TYPICAL PILE BUILD-UP DETAILS

GENERAL NOTES

1. Work of cutting off prestressed conc. piles or concrete build-ups shall be performed in such a manner as to avoid spalling or damaging the pile below cut-off. In case of such damage, the pile shall be replaced or repaired by the Contractor at his expense as directed by the Engineer.
2. Portion of pile embedded into footing shall be of sound concrete. Damaged portions shall be removed and pile cut-off elevation lowered as required by the Engineer.

NO.	REVISION	APPROVED BY	DATE

APPROVAL RECOMMENDED: *Paul T. Yamashita* 1-23-70
BRIDGE DESIGN ENGINEER DATE

APPROVED: *Paul T. Yamashita* 1-28-70
FOR ASSISTANT CHIEF, ENGINEERING DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STANDARD DETAILS

PRESTRESSED CONCRETE PILES

Date: Oct. 1968

SHEET No. 2 OF 2 SHEETS DB-300-2

DATE: _____
SURVEY PLOTTED BY: _____
DRAWN BY: _____
CHECKED BY: _____
ORIGINAL PLAN: _____
NOTE BOOK: _____
No. _____