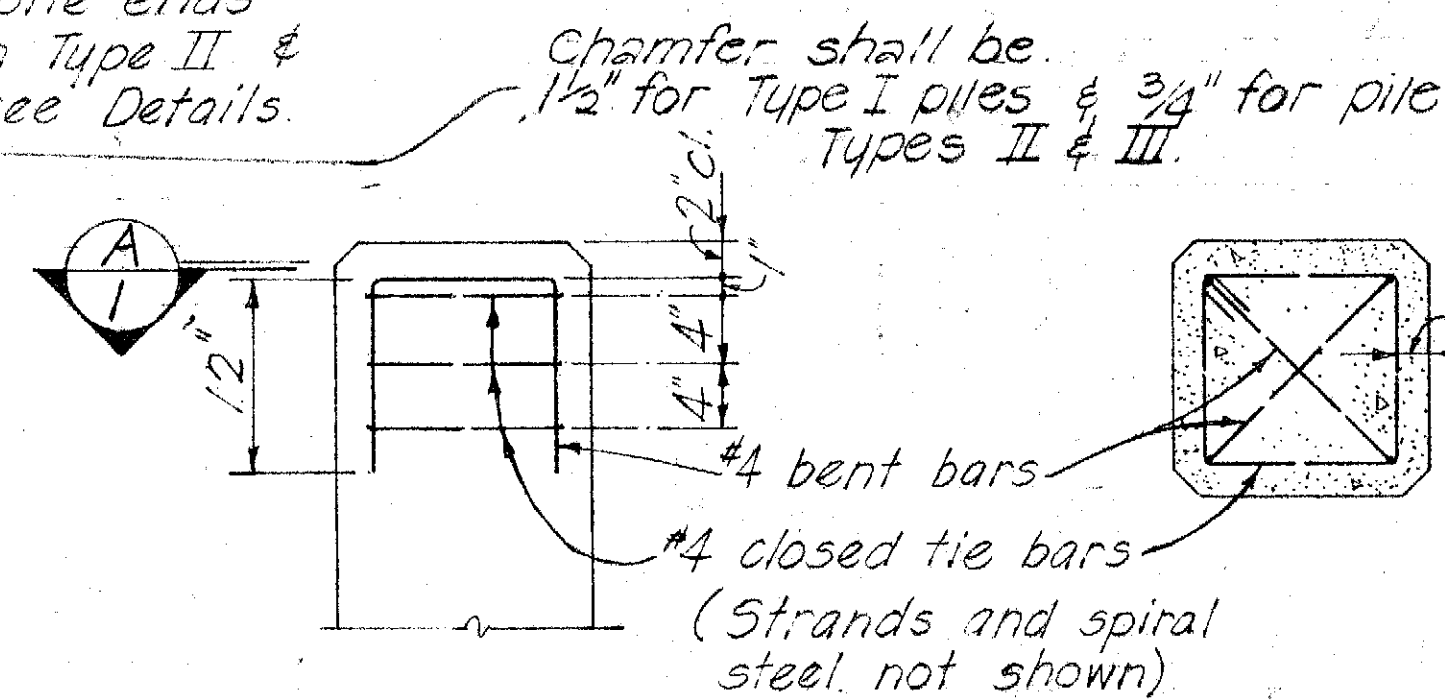
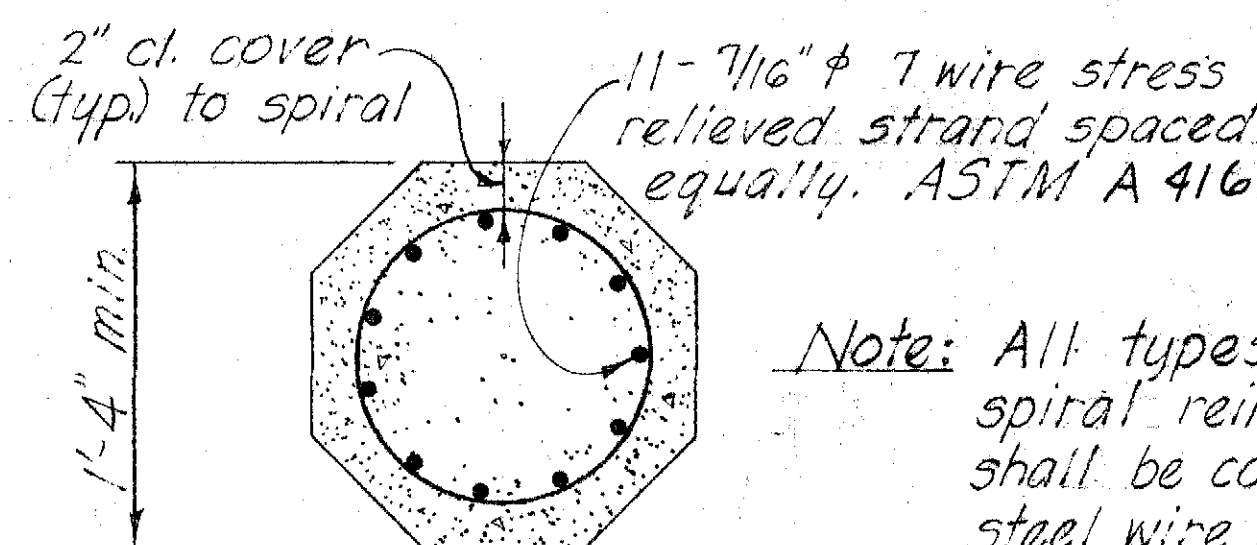


Grind strands flush with pile head & pile tip.
Remove concrete after driving, leaving strands exposed. See General Notes, sht. # 2 of 2.
Pile cut-off line. Pile shall be cut-off normal to axis of pile.
#3 gage wire spiral ties
2" clear cover
Continuous stress relieved strands. See pile sections for arrangement and numbers
Pay Length = Cast Length
4'-0" - 3" Spiral Pitch
5" CL - 1" Pitch
For additional pile ends reinforcement in Type II & Type III piles, see Details

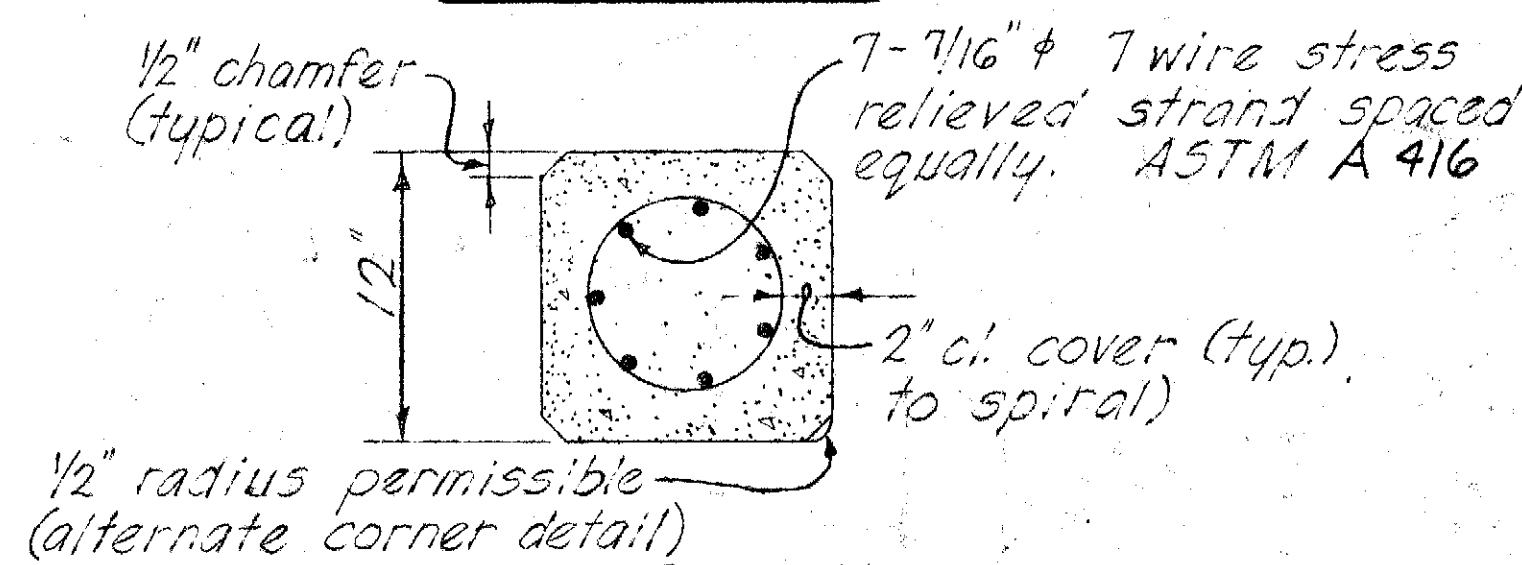


PART ELEVATION SECTION A-TYPICAL ADDED REINFORCEMENT PILE ENDS - TYPE II & III ONLY

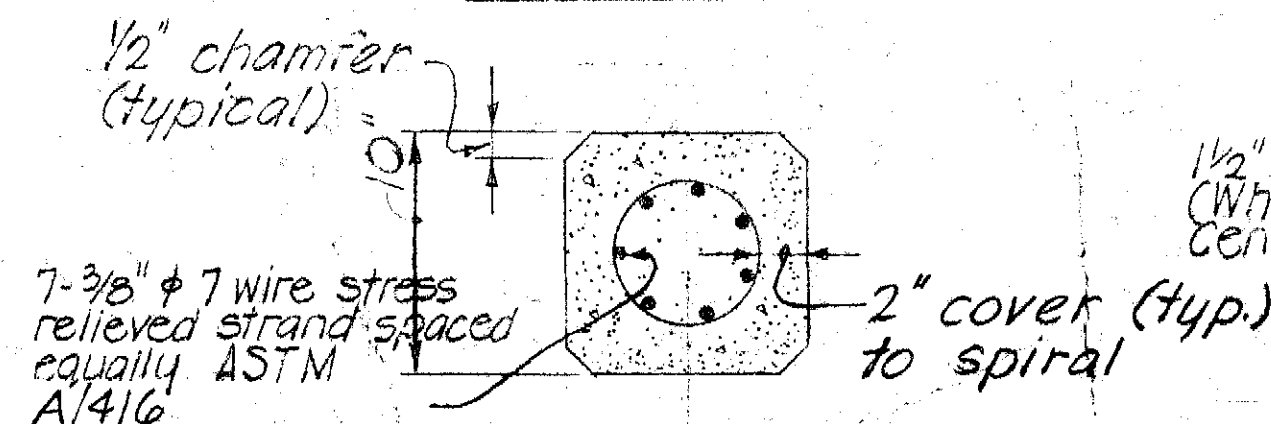


Note: All types of pile spiral reinforcement shall be cold drawn steel wire ASTM A 32

TYPE I



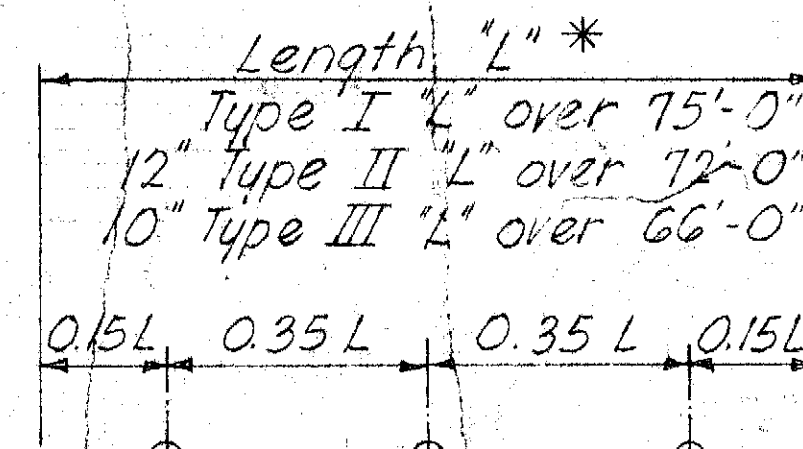
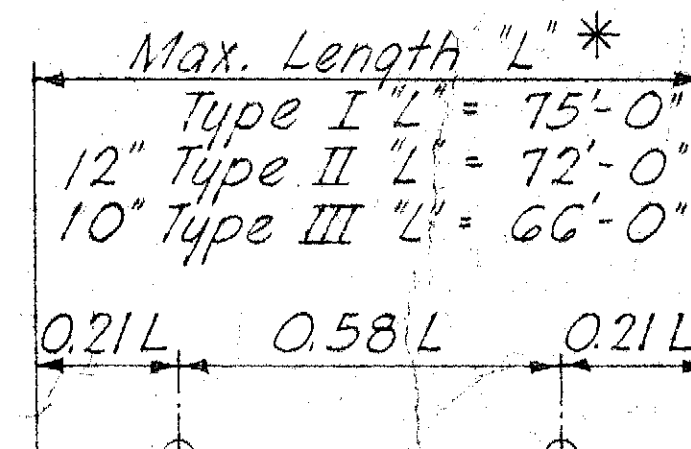
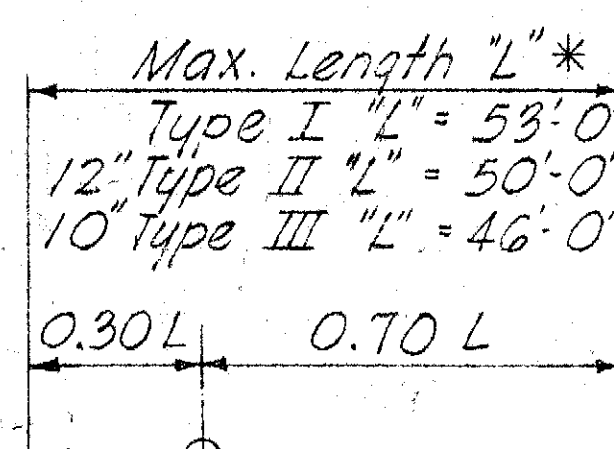
TYPE II



TYPE III

TYPICAL SECTIONS THRU PILES

TYPICAL PILE DETAIL



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

1 POINT PICK-UP

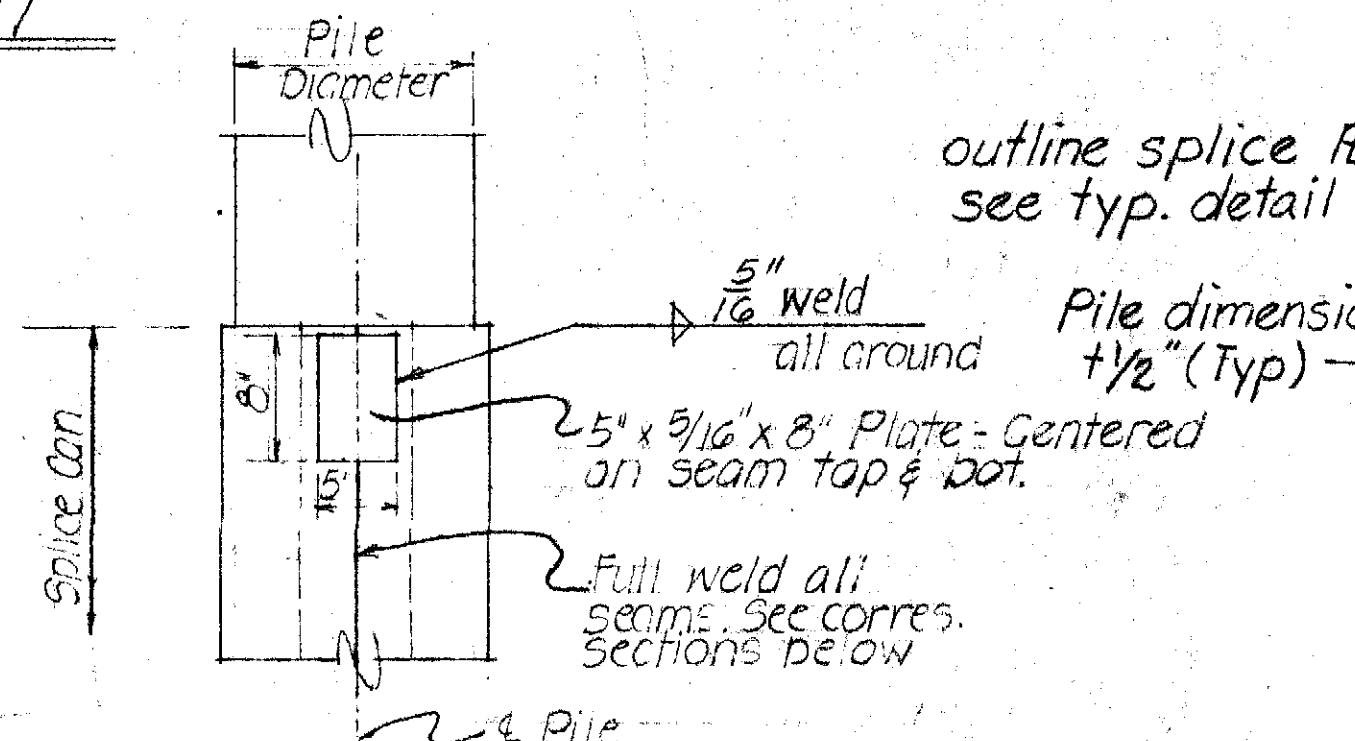
2 POINT PICK-UP

3 POINT PICK-UP

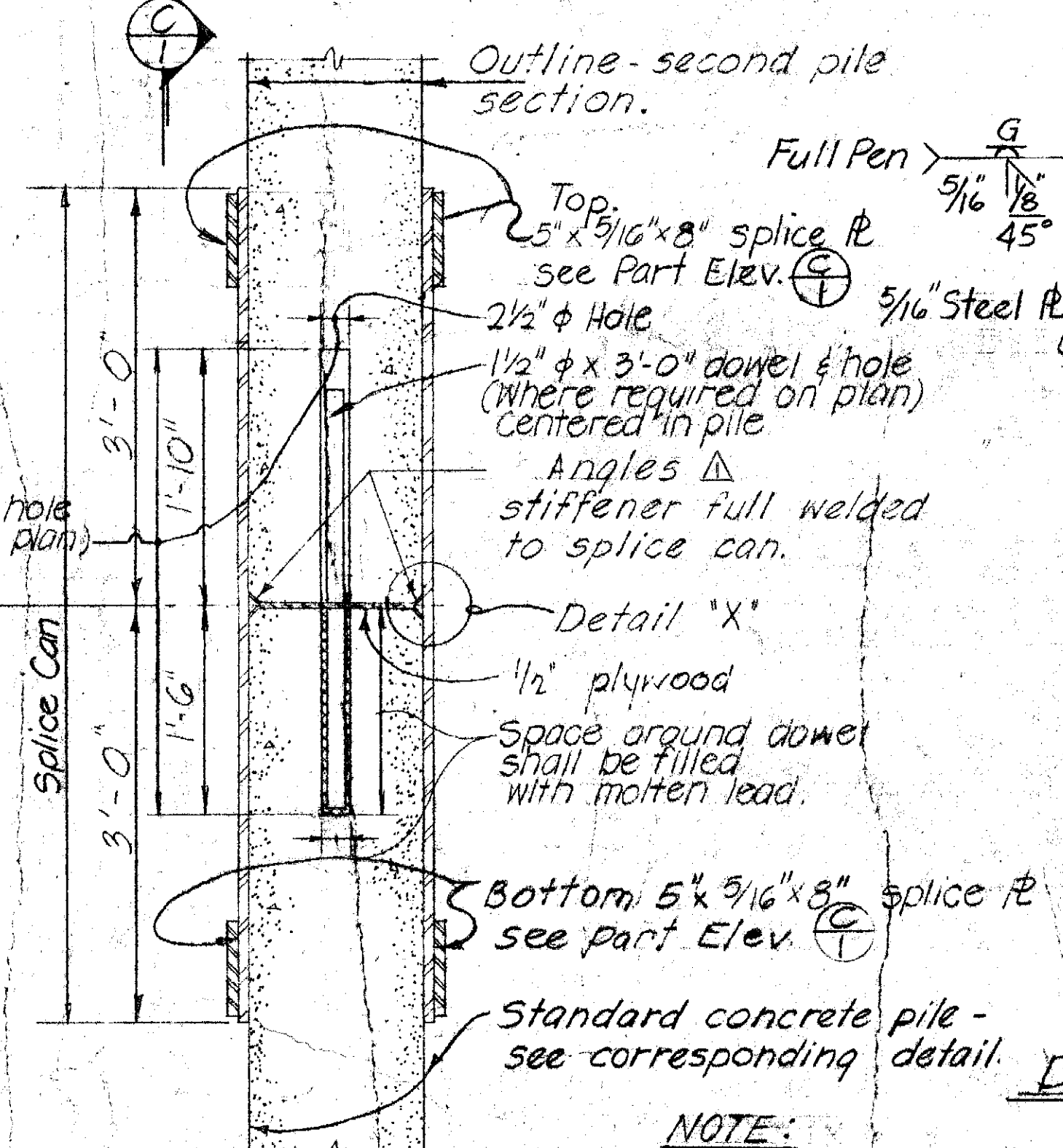
NOTE: Unless special lifting devices are attached for pick-up points, pick-up points shall be plainly marked on all piles after removal of the forms and all lifting shall be done at these points. The use of special embedded or attached lifting devices, the employment of other pick-up points or any other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

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 ELEVATION SECTION C-TYP CAN SPICE RE

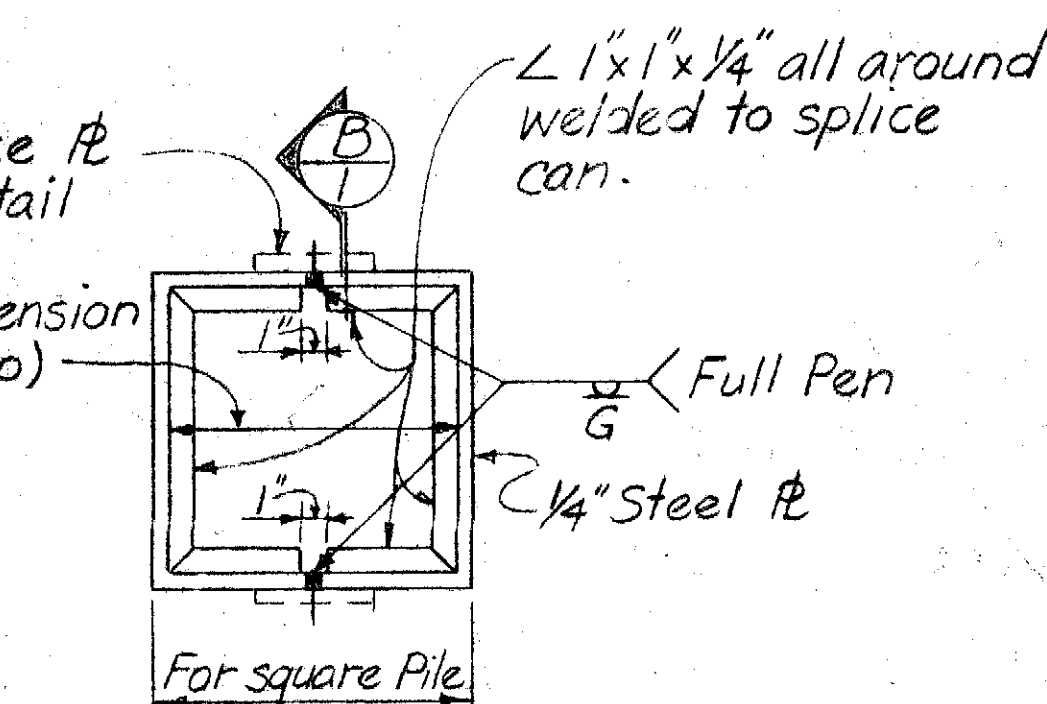


NOTE:

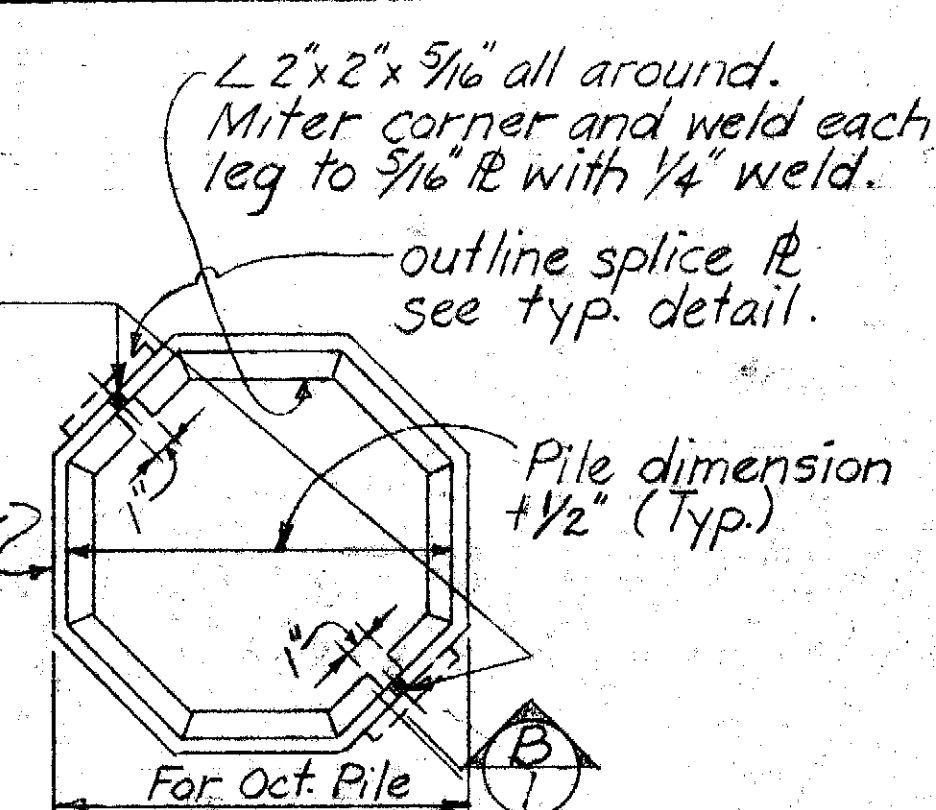
1. Splice detail shown above shall not be used except for pile length in excess of 100'-0" long.
2. Structural steel for splice can shall be ASTM A36.

TYPICAL PILE SPLICE DETAILS (FOR PRESTRESSED CONCRETE PILES WHEN CAST IN TWO OR MORE SECTIONS)

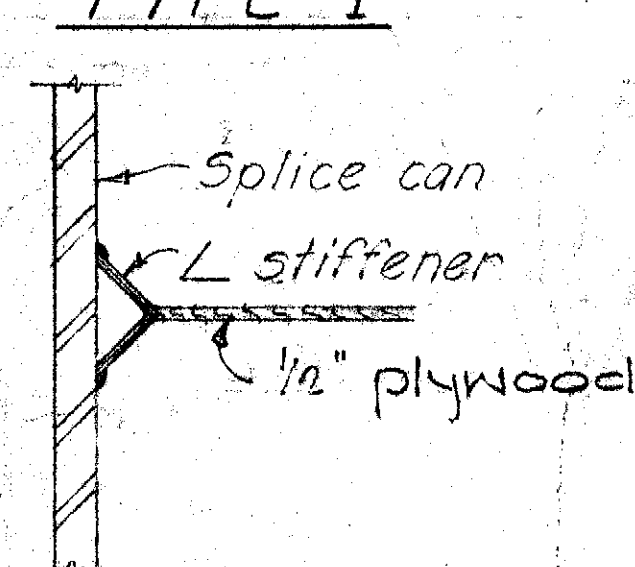
NOTE: All welding shall conform to the Specifications for "Welded Highway and Railway Bridges" of the American Welding Society.



TYPE II & III

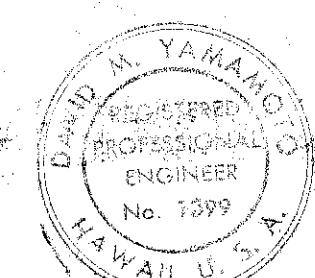


TYPE I



DETAIL X

NO.	REVISION	APPROVED BY	DATE
1	Section B1: Changed angle stiffener.		



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
David M. Yamamoto

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
STANDARD DETAILS
PRESTRESSED CONCRETE PILES
WAIMALL PEDESTRIAN OVERPASS
PROJECT NO. 908-01-70
Date _____

