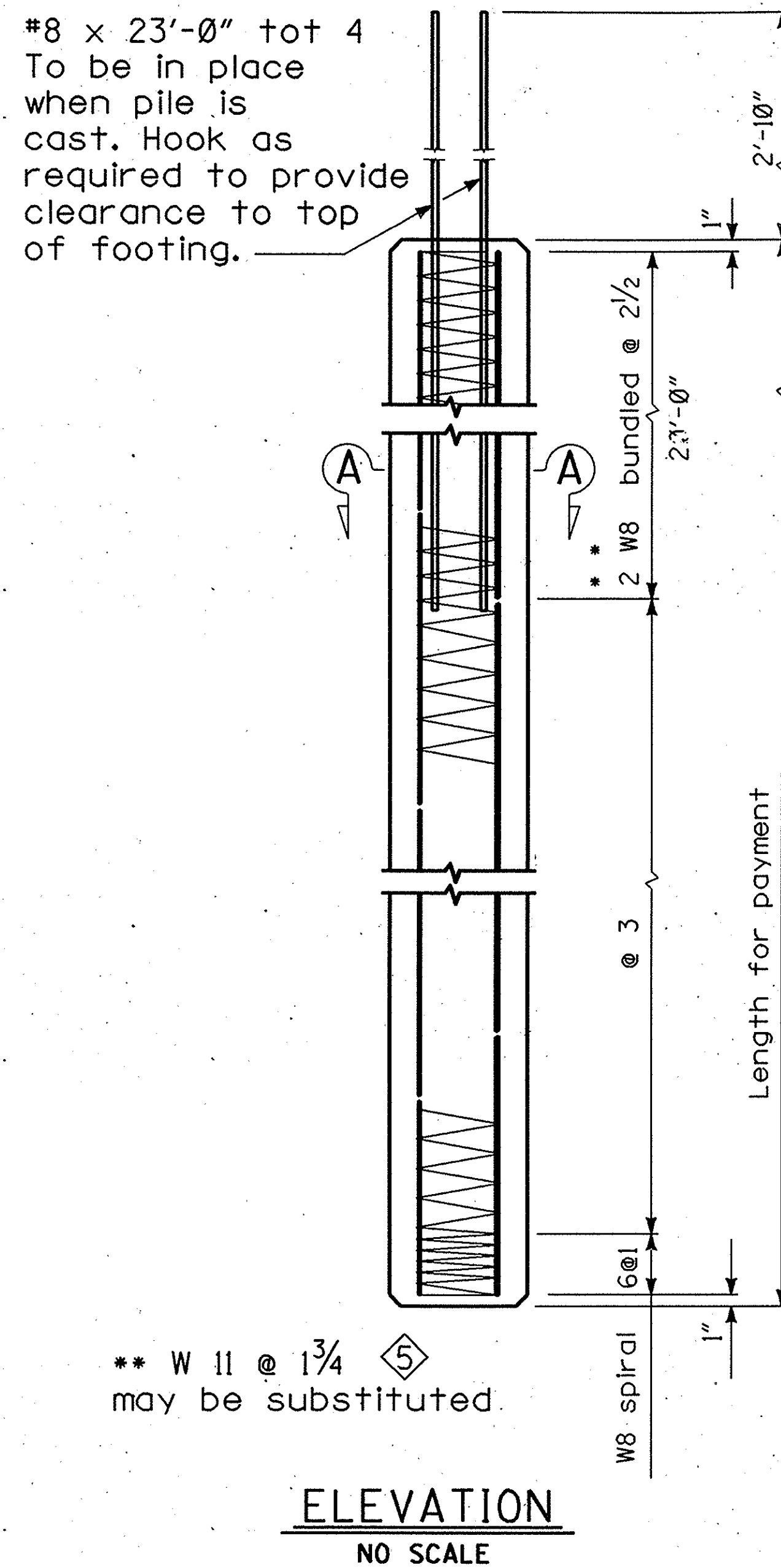
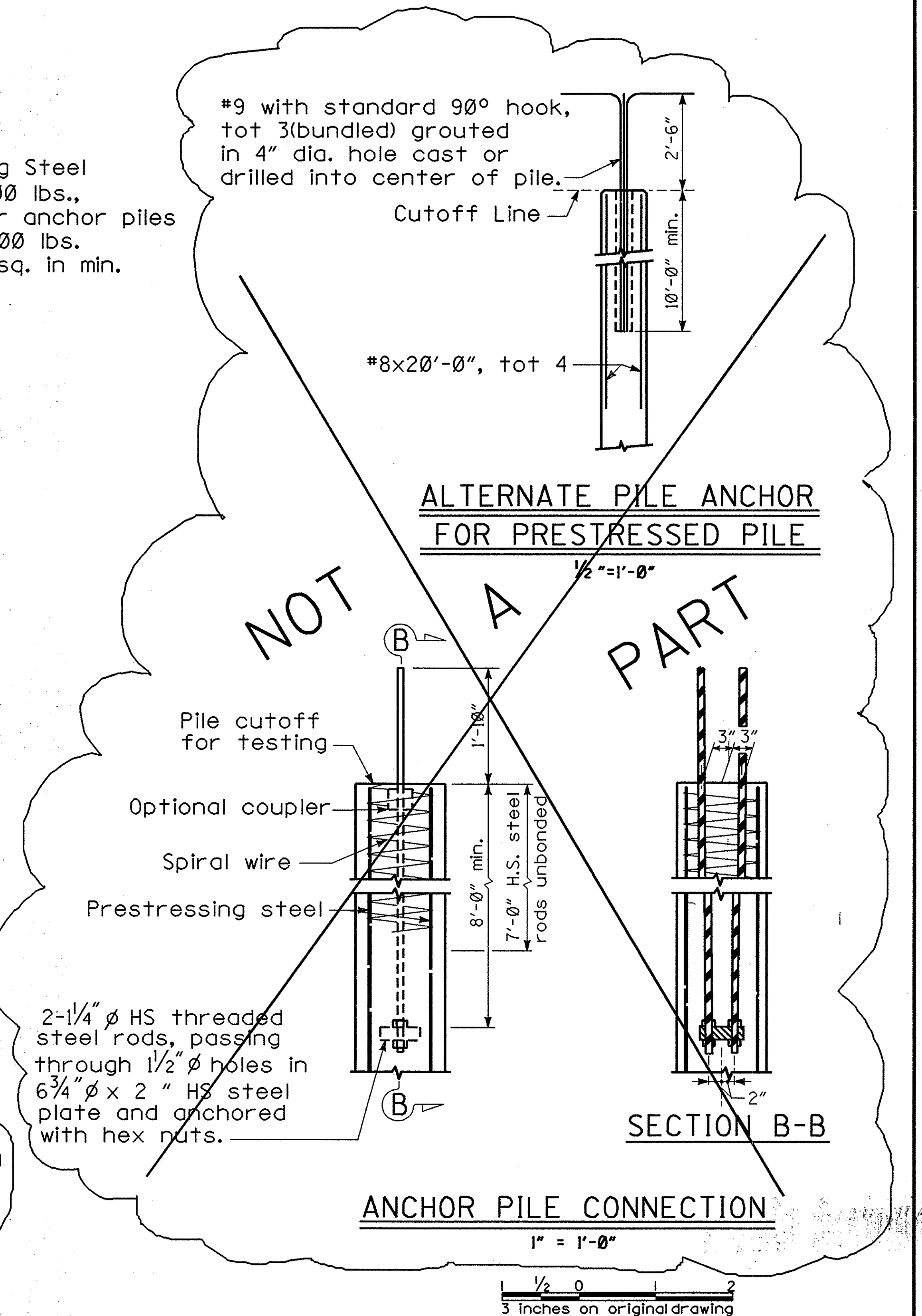
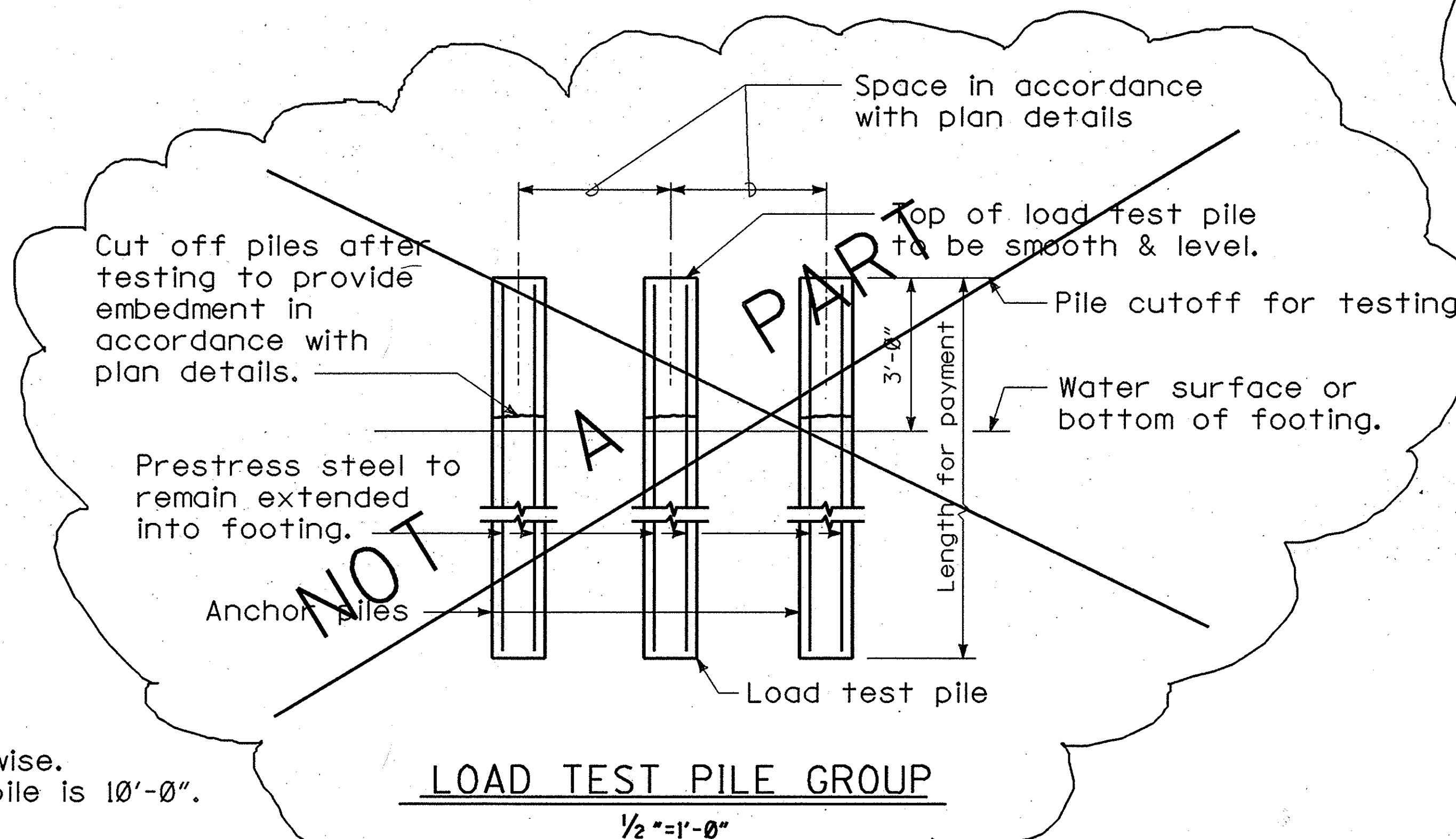




Note:
All piles precast prestressed concrete.
P_f = Prestress Force (after losses).
f_c' @ 28 days = 7,000 p.s.i..
f_c' @ transfer = 4,000 p.s.i..
DESIGN LOADING = 100 TONS.
Concrete in Class 100C piles shall
contain not less than 752 pounds
of cement per cubic yard.
Details are the same for both Class 100
and Class 100C piles unless noted otherwise.
Maximum cut-off length at the top of pile is 10'-0".



RECORD DRAWING

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
HARBOR BLVD. IMPROVEMENTS BRIDGE	
100-TON PILING	
DESIGNED RB/RH	SHEET
DRAWN HP	29
SCALE AS SHOWN	DATE 3/93
CHECKED RH	DRAWING NO.
OF 60	

REVISIONS

PREPARED UNDER SUPERVISION OF

RICHARD A. RCE 39595 (EXP. 12-31-93)

3/4/93