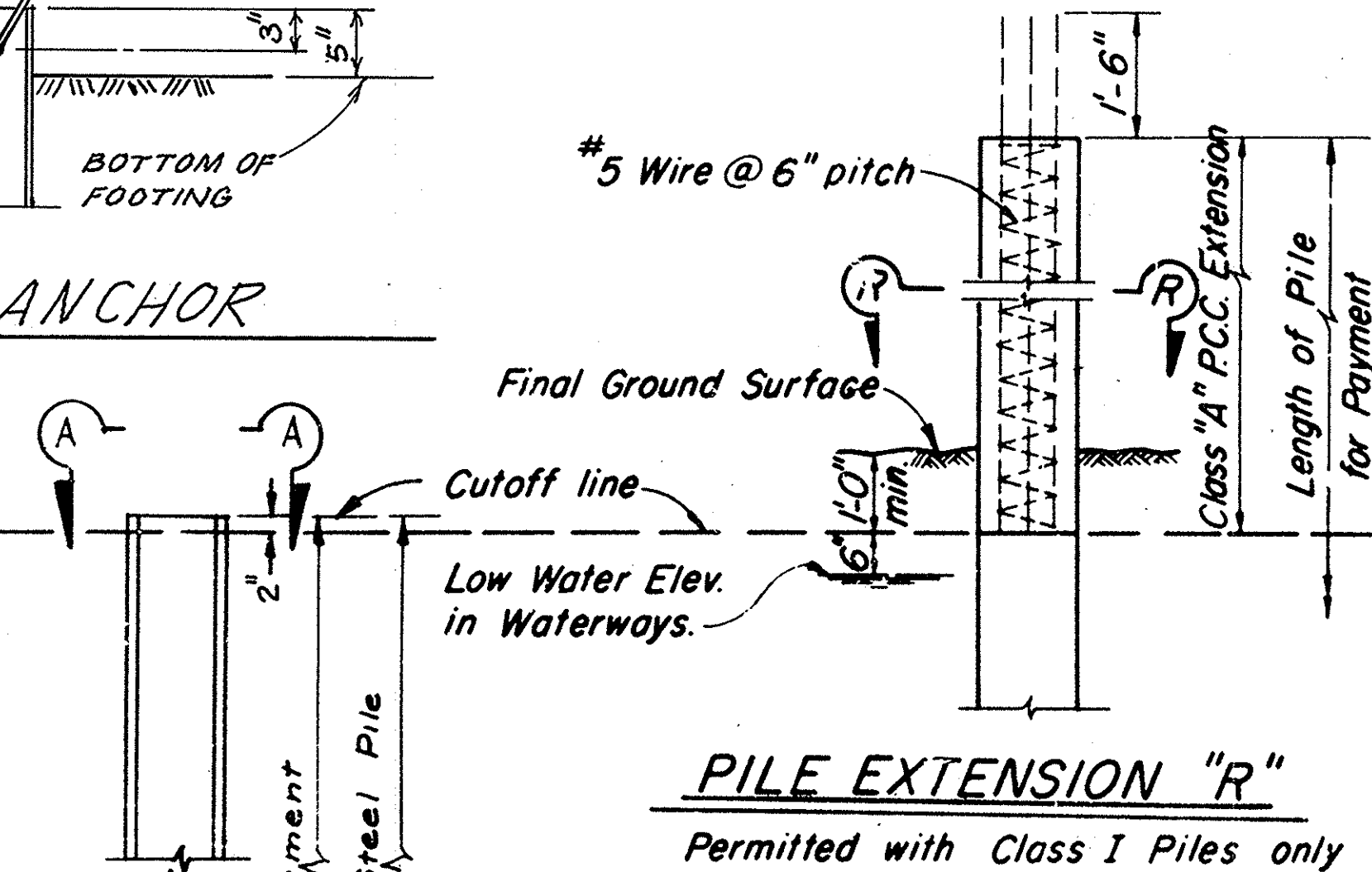
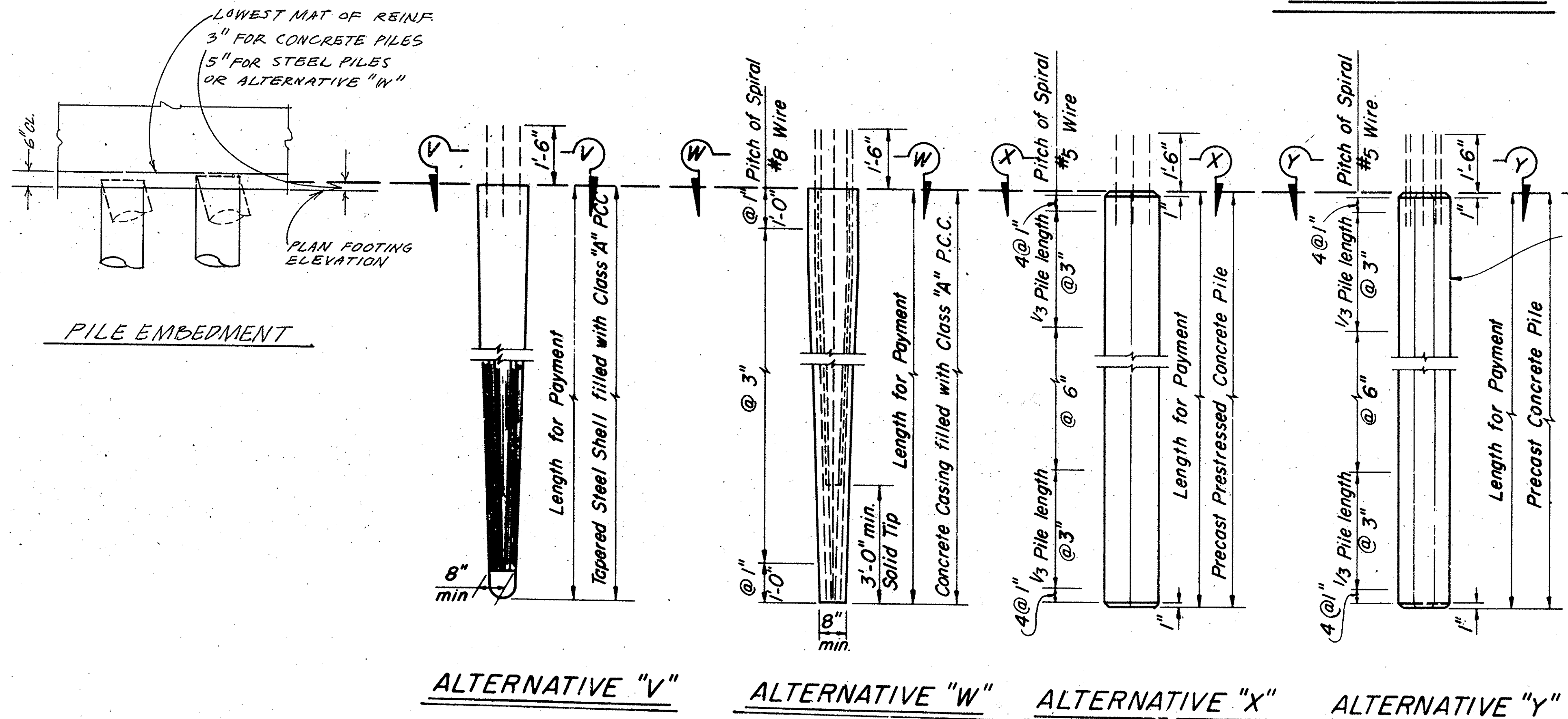
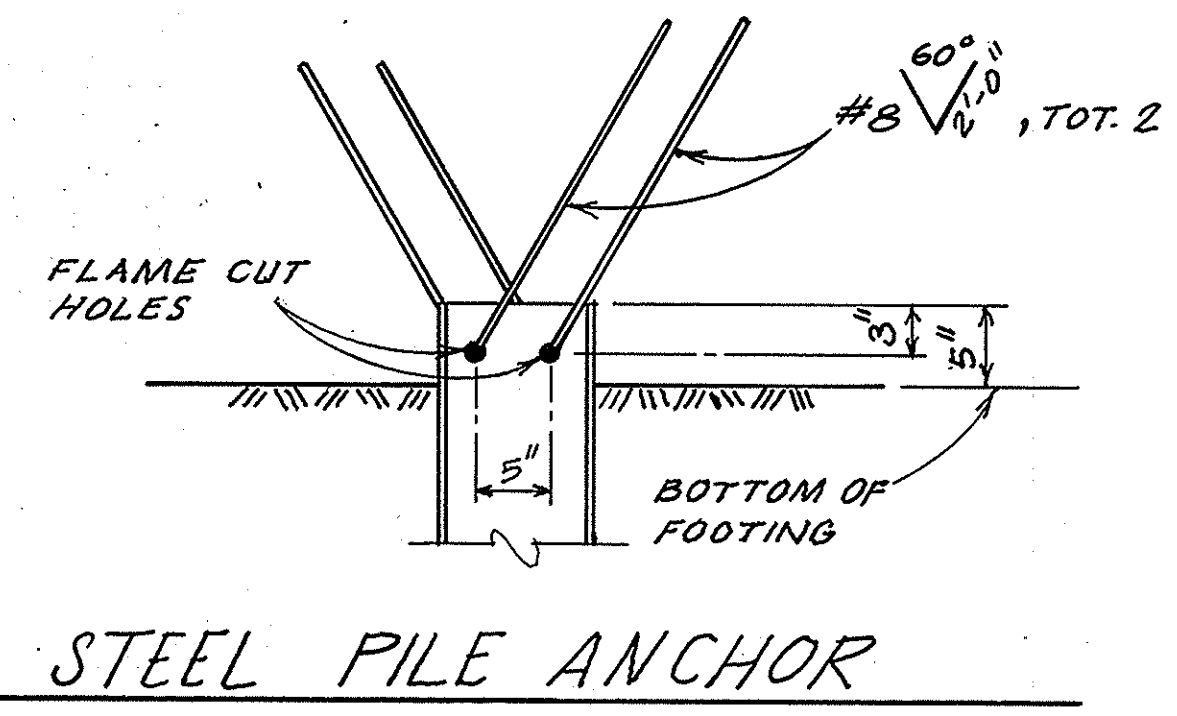
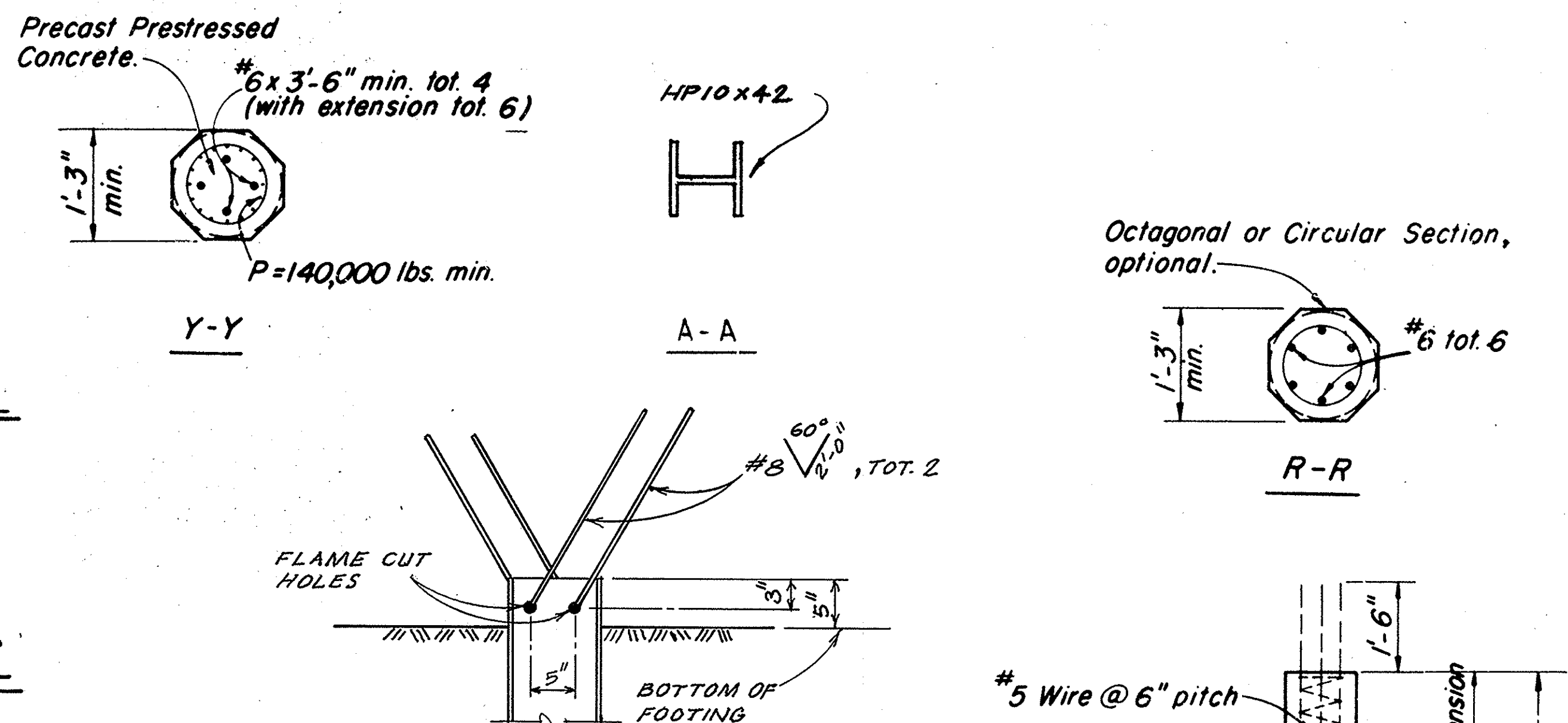
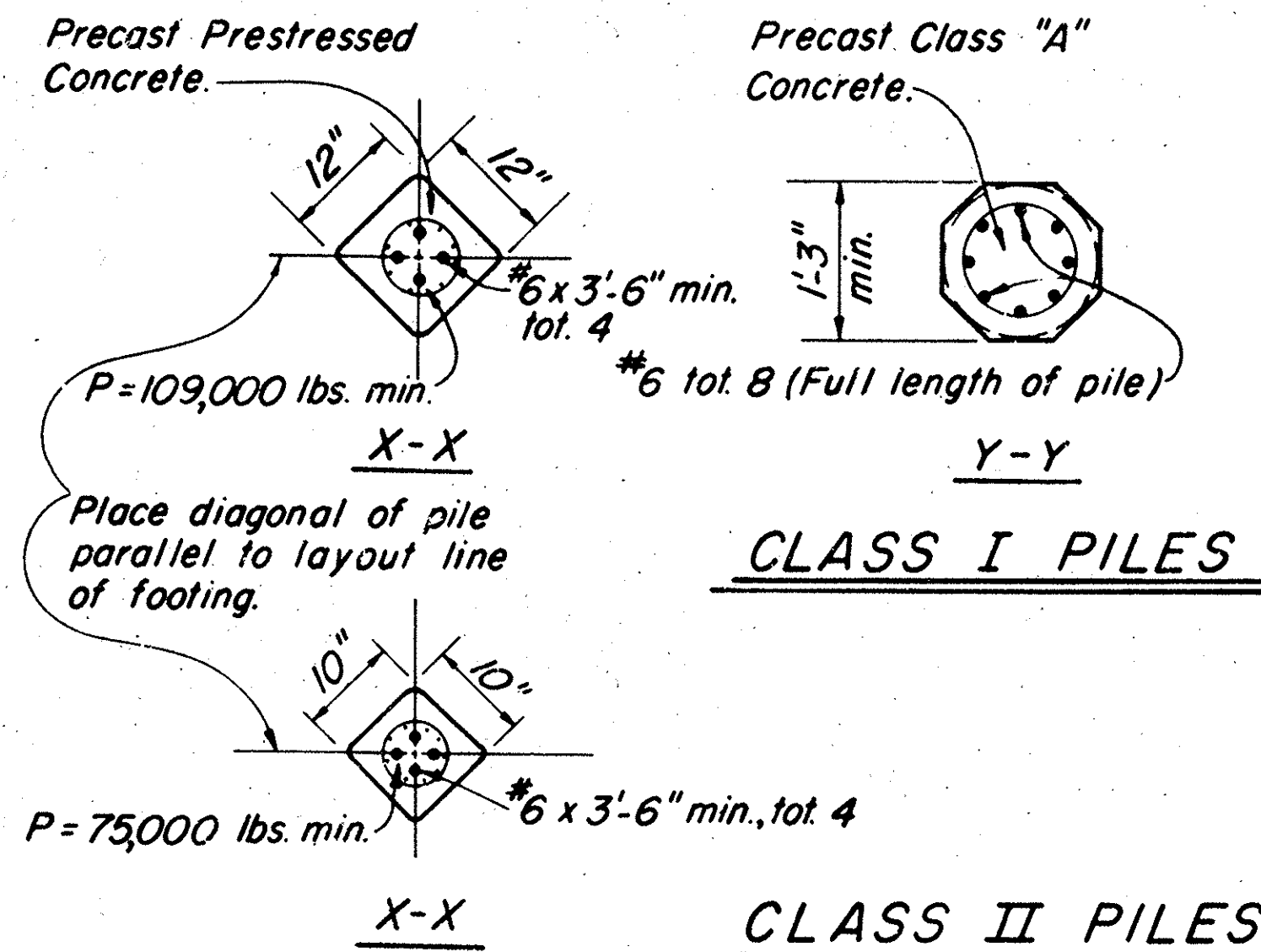
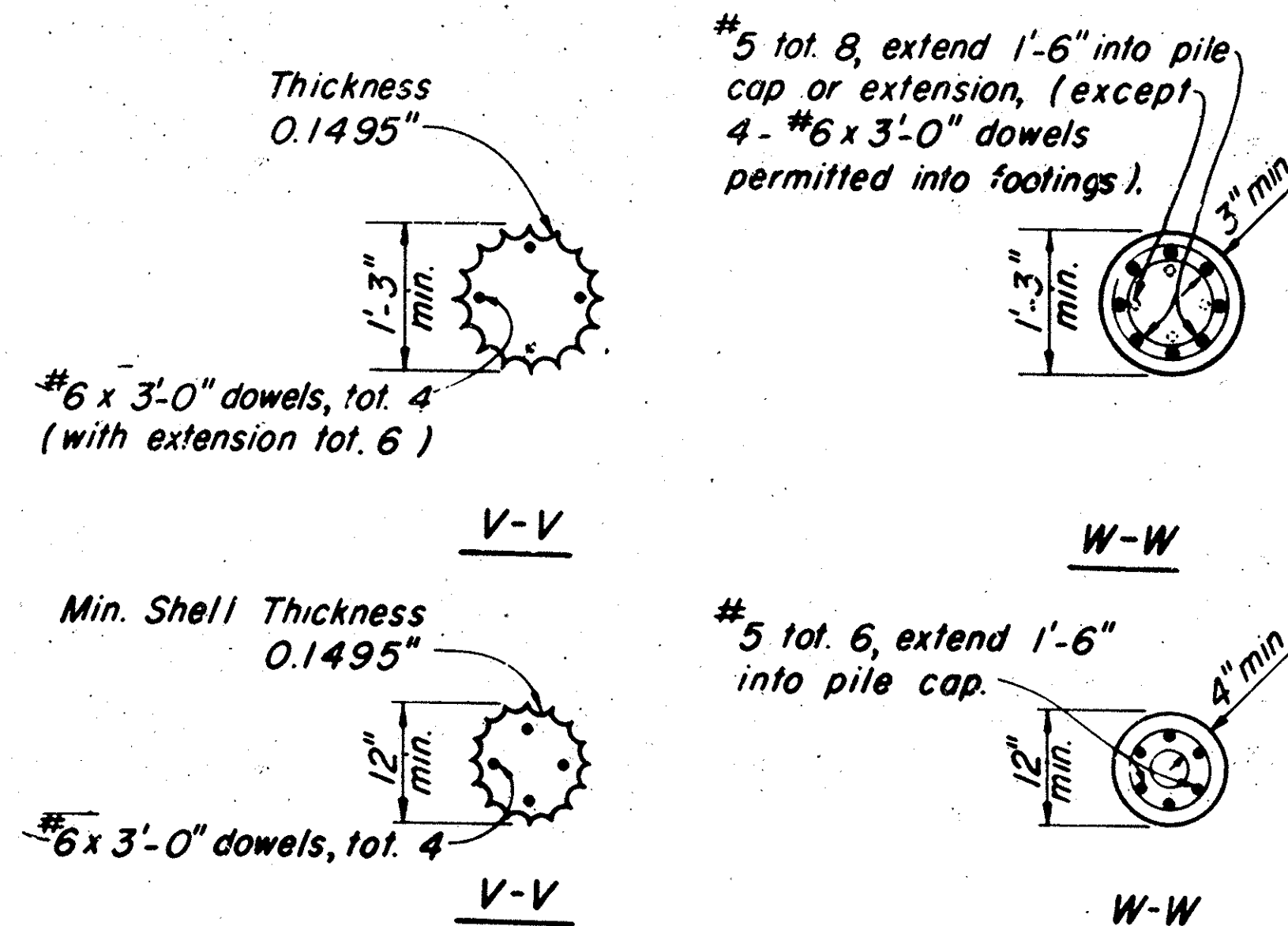




PILE NOTES

Alternatives "W" & "Y" may be driven full length or may be extended. All exposed piles or pile extensions shall be consistent in cross-section throughout the project.

Alternatives "X" & "Y" (Precast Prestressed)

P = Prestressing Force (after losses)

Concrete stress:

$f'_c = 6,000$ p.s.i. (Alt. "X"); 4,500 p.s.i. (Alt. "Y") @ 28 days

$f'_{ci} = 3,500$ p.s.i. @ transfer (3/8" strand)

$f'_{ci} = 4,000$ p.s.i. @ transfer (7/16" strand and 1/2" strand)

Class I Piles may be substituted for Class II Piles. Unless indicated to the contrary all piles shall be Class I Piles.

Alternative "X" may not extend above ground line nor be used with Pile Extension "R".

DESIGN LOADING = 45 TONS

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
ORANGEWOOD AVE. BRIDGE			
FILE DETAILS			
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
REVISIONS			
DESIGNED	E.A.	SCALE	DATE
DRAWN	D.C.H.	CHECKED	G.A.
AS SHOWN			DWG. NO.
			13