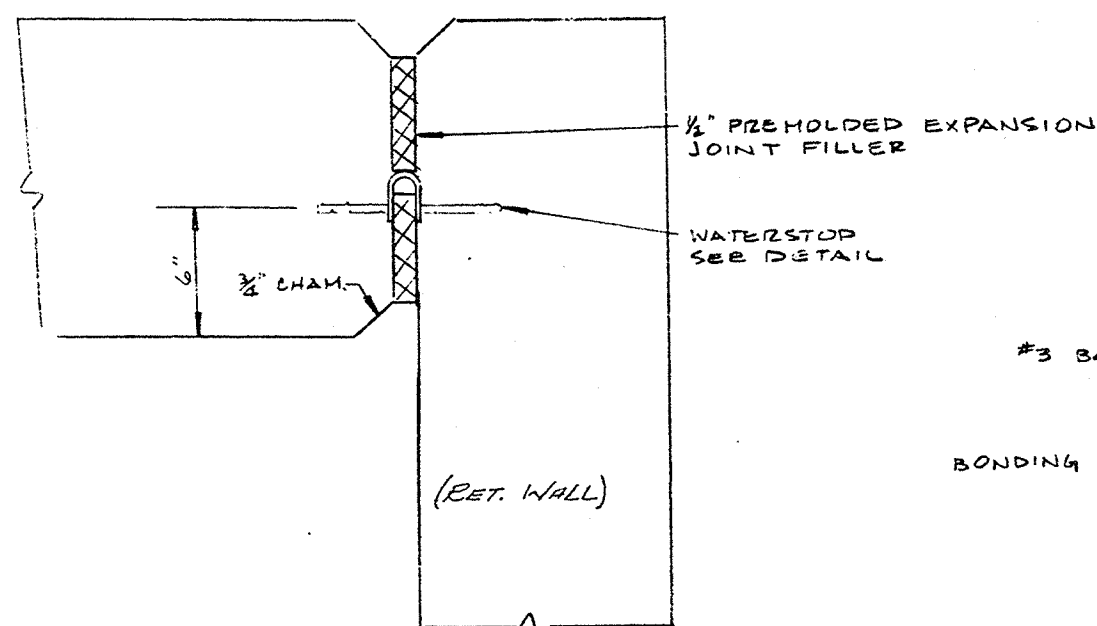
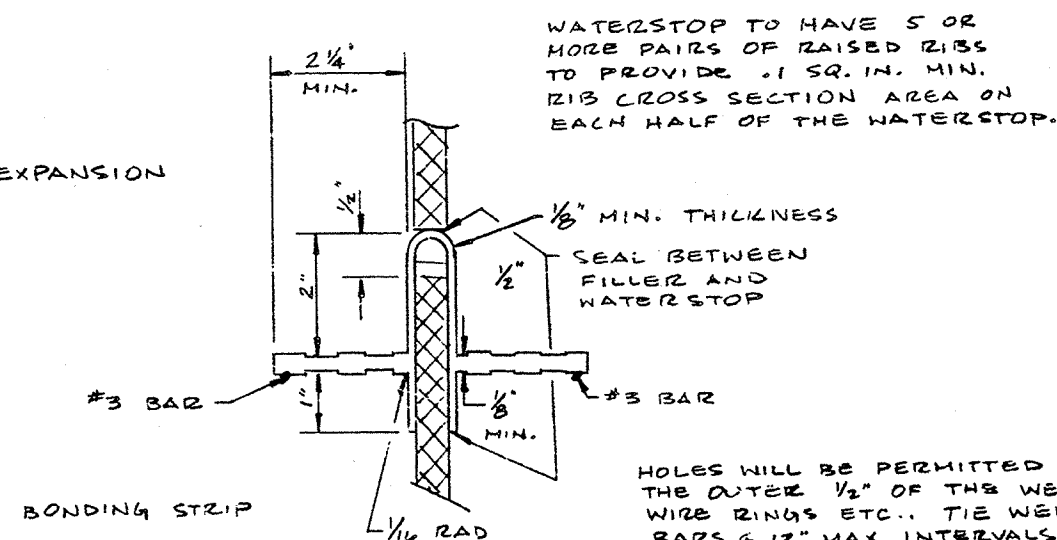


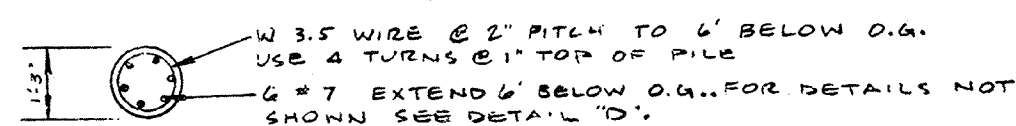


RETAINING WALL/WINGWALL DETAIL
NO SCALE

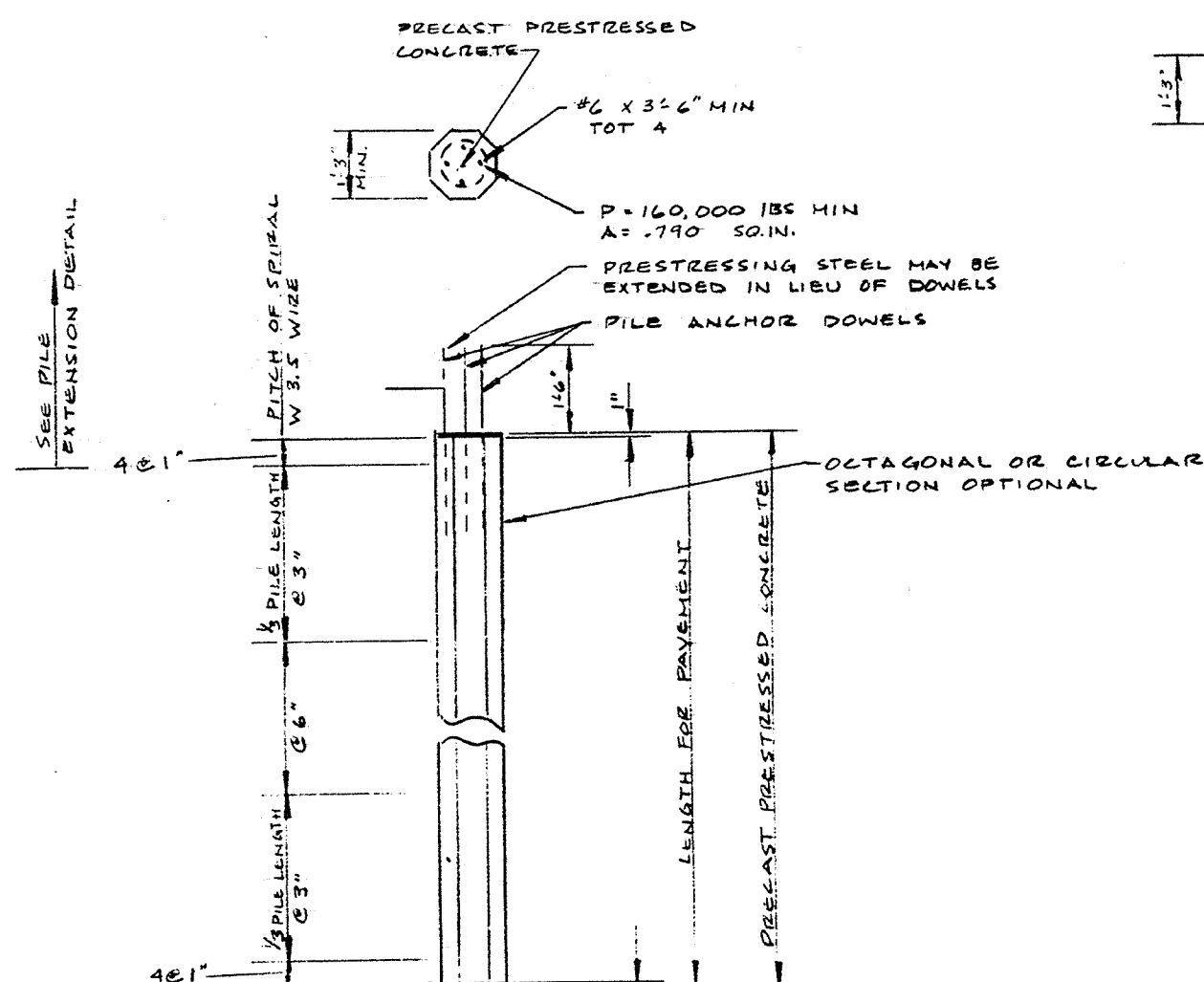


WATERSTOP DETAIL
1/2

HOLES WILL BE PERMITTED IN THE OUTER 1/2" OF THE WEB FOR WIRE RINGS ETC. TIE WEB TO #3 BARS @ 12" MAX INTERVALS TO SUPPORT THE WATERSTOP IN PROPER POSITION DURING CONCRETE PLACEMENT. ALTERNATE DETAIL MAY BE SUBMITTED FOR APPROVAL OF THE ENGINEER.

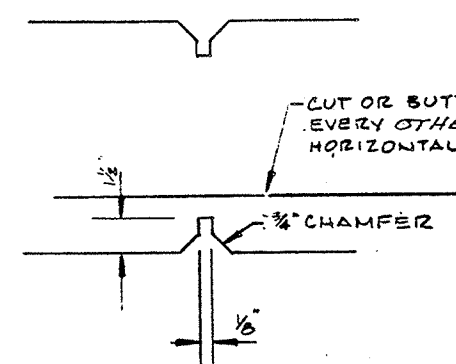


PILE EXTENSION DETAIL H
NO SCALE

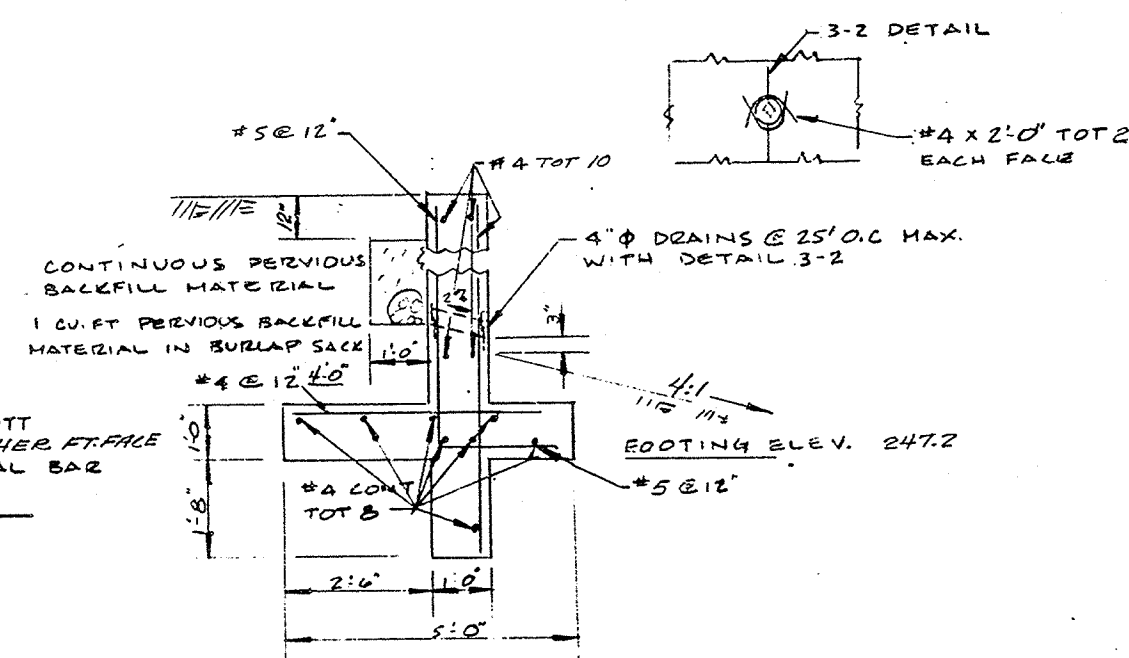


PILE DETAIL D (WITHOUT EXTENSION)
SCALE 1/2" = 1'-0"

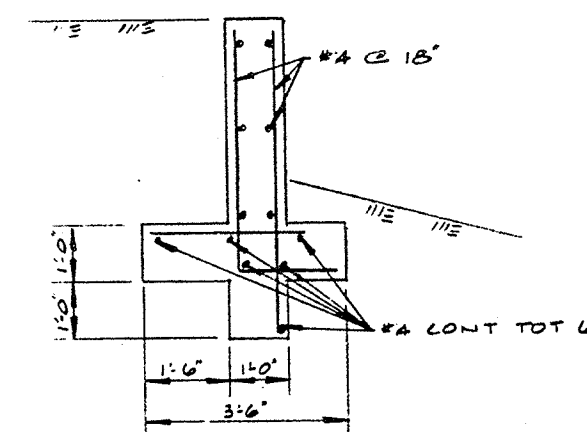
PRECAST PRESTRESSED PILES
P = PRESTRESSING FORCE @ ANCHORAGE
A_s = MINIMUM AREA OF PRESTRESSING STEEL REQUIRED
CONCRETE STRENGTH: f_c @ 28 DAYS = 5000 PSI
f_c @ TRANSFER = 4000 PSI
IF SECTION USED IS LARGER THAN THE MIN. SECTION SHOWN, THEN "P" SHALL PROVIDE 860 PSI MIN.
DESIGN LOADING = 45 TONS



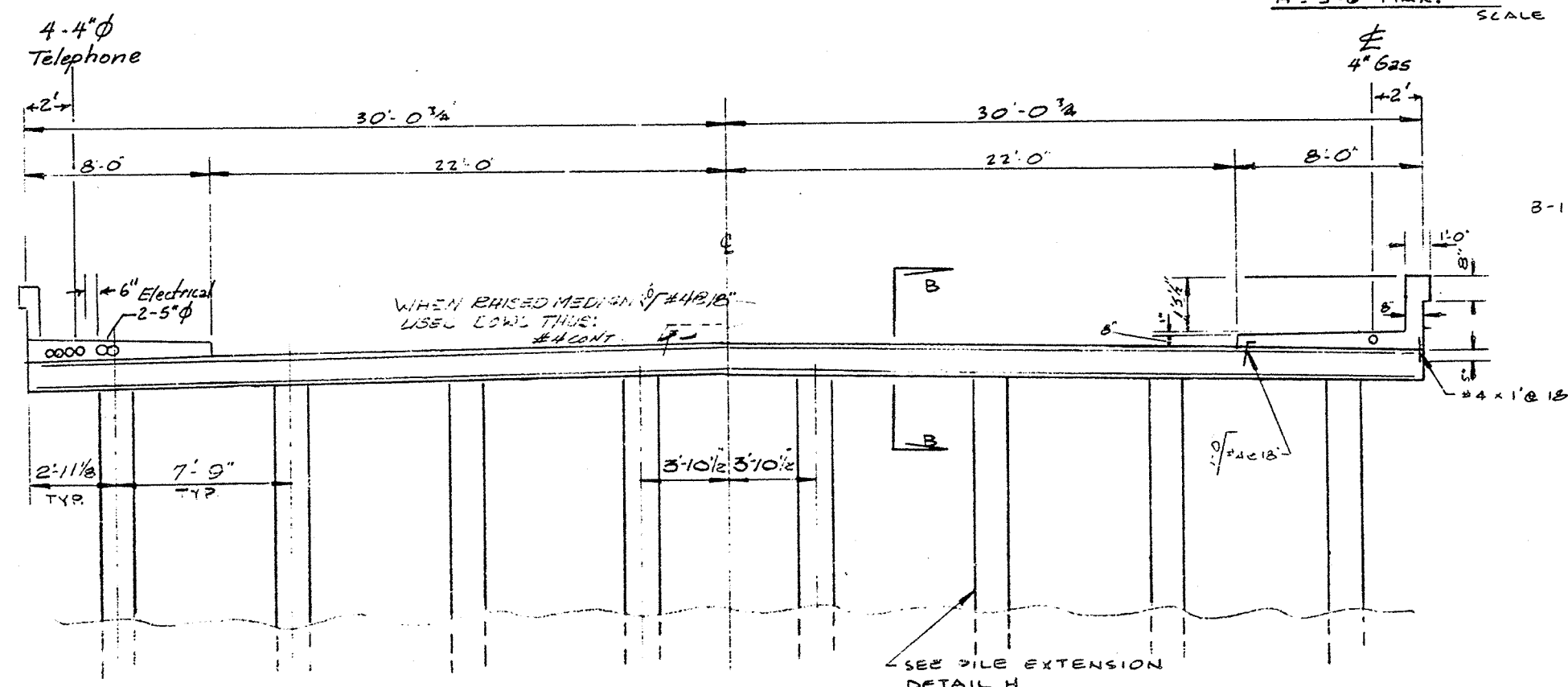
DETAIL 3-7
NO SCALE



RETAINING WALL - SECTION G-G
H = 3'-6" MAX. SCALE 1/2" = 1'-0"



RETAINING WALL - SECTION G-G
H = 3'-6" MAX. SCALE 1/2" = 1'-0"



SECTION E-E
SCALE 1/4" = 1'-0"
SECTION AT 1/2 OF BENT

Dr. 7 13150
Street Improvement
Sheet 12 of 13
Red 24-1
Cronaflex

CANADA CHANNEL BRIDGE
DETAIL SHEET

SHEET 12/13

Dr. 7 13150