

**TYPICAL SECTION**  
SCALE: 1" = 8'-0"

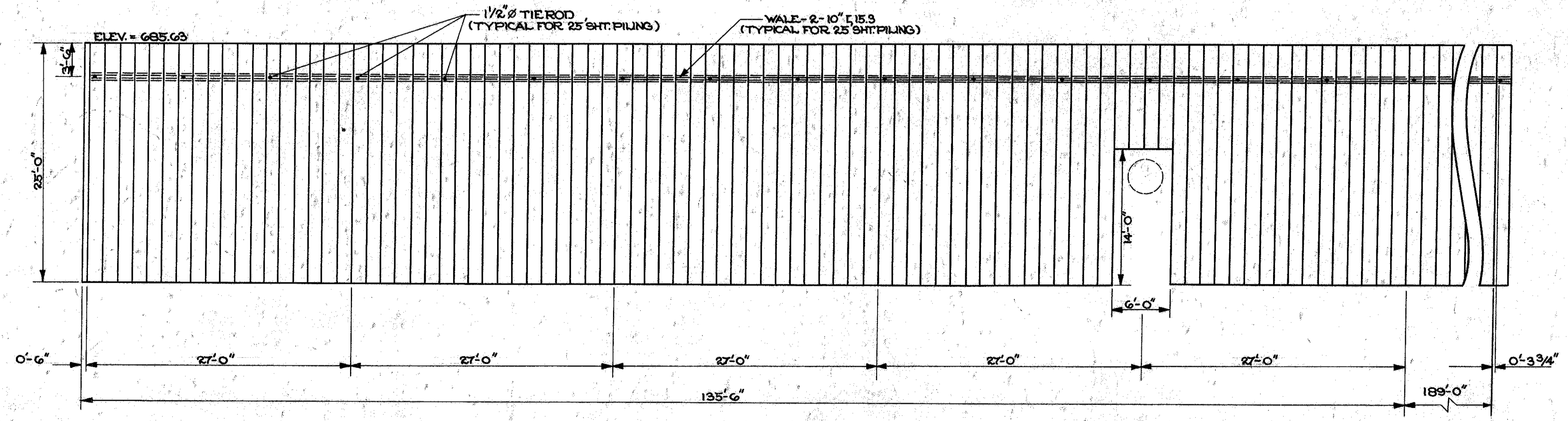
**PLAN**  
SCALE: 1" = 8'-0"

**NOTE:** 1/2"  $\phi$  & 1 3/8"  $\phi$  TIE RODS, THE UNIT PRICE BID FOR THESE ITEMS SHALL INCLUDE THE ENTIRE COST OF THE ROD IN PLACE. IF THE DEPTH OF THE RODS AS SHOWN ON THE PLANS SHOULD INTERFERE WITH EXISTING UTILITY MAINS, THE DEPTH OF THE RODS MAY BE ADJUSTED AS DIRECTED BY THE PROJECT ENGINEER.

THE WALERS FOR THE 25' SHEET PILING SECTION OF THE RETAINING WALL SHALL BE COMPOSED OF TWO 10" CHANNELS @ 15.3# POSITIONED TO PROVIDE A 2 3/8" SEPARATION BETWEEN BACK TO BACK OF THE CHANNELS FOR THE UPSET THREADED END OF THE 1 1/2"  $\phi$  TIE ROD.

THE WALERS FOR THE 30' SHEET PILING SECTION OF THE RETAINING WALL SHALL BE COMPOSED OF TWO 10" CHANNELS @ 25# POSITIONED TO PROVIDE A 2 3/8" SEPARATION BETWEEN BACK TO BACK OF THE CHANNELS FOR THE UPSET THREADED END OF 1 3/8"  $\phi$  TIE ROD.

\* THE TURNBUCKLE FOR TIE RODS OF THE 25' & 30' SECTIONS OF SHEET PILING SHALL BE RESPECTIVELY A 2" & 2 3/8" AMERICAN STANDARD CLASS 2 FIT.



**FRONT ELEVATION**  
SCALE: 1" = 8'-0"