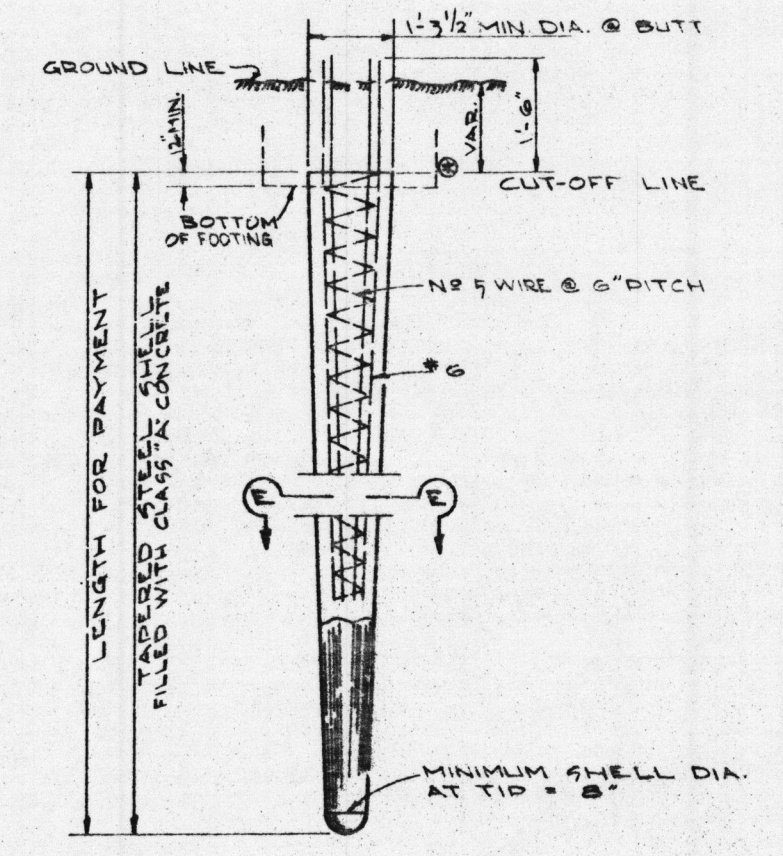


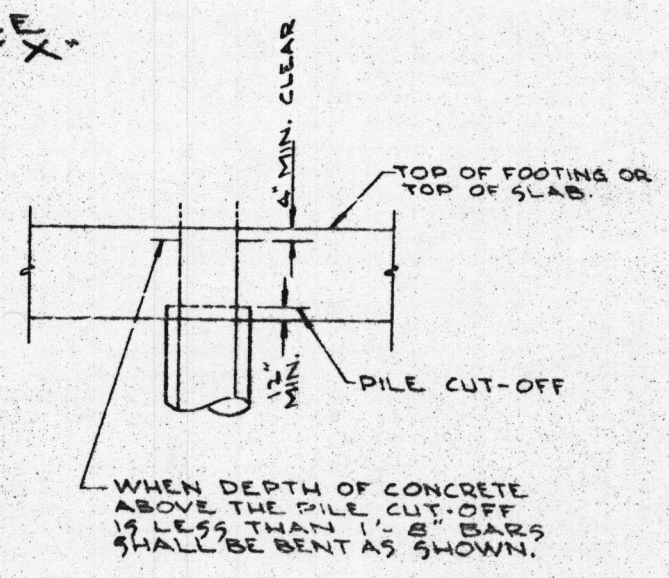
SECTION E-E
SCALE: 3/4"=1'-0"



CAST-IN-PLACE
CONCRETE PILE
ALTERNATIVE "U"

EXTENSIONS OF ALTERNATIVE "U" WILL NOT BE
PERMITTED ABOVE THE GROUND WITHIN THE
TYPICAL PILE EXTENSION OR THE 12"
PILE SHELL.

CAST-IN-PLACE
CONCRETE PILE
ALTERNATIVE "Z"



TYPICAL PILE EXTENSION
TYPICAL EXCEPT FOR ALTERNATIVE "U"

- ## NOTES
1. FOR ALTERNATIVES "W" AND "X" THE PILES MAY BE DRIVEN FULL LENGTH AND CUT OFF WITHOUT EXTENSION OR THEY MAY BE EXTENDED AS SHOWN AT THE OPTION OF THE CONTRACTOR.
 2. WHEN ALTERNATIVES "Y" AND "Z" ARE EXTENDED ABOVE GROUND, THE TYPICAL PILE EXTENSION SHALL BE USED.
 3. WHEN PILES ARE EXTENDED THE ELEVATION OF CUT-OFF SHALL BE LOCATED 1'-0" MINIMUM BELOW GROUND LINE, UNLESS SHOWN OTHERWISE ON THE PLANS.
 4. IN ALTERNATIVE "U", THE LENGTH OF #6 BARS, MEASURED BELOW GROUND LINE OR BOTTOM OF FOOTING, SHALL BE EITHER ① A MINIMUM OF 1/3 PENETRATION, OR ② 20', WHICHEVER IS THE GREATER.
 5. WHEN THE "TOP OF A BEARING STRATA" IS INDICATED ON THE PLANS, THE LENGTH OF #6 BARS, MEASURED BELOW THE TOP OF THE BEARING STRATA, SHALL BE EITHER ① A MINIMUM OF 1/3 PENETRATION INTO THIS STRATA OR ② 12' WHICHEVER IS THE GREATER.

COUNTY OF ORANGE HIGHWAY "DEP"	
PILE DETAILS	
EDINGER ST. BRIDGE	
ACROSS SANTA ANA RIVER	
BRIDGE NO. S.A. 27	
APPROVED:	ROAD COMMISSIONER CE
1/2" = 1'-0" OR NOTED	MAR. 1958
	SHEET 13 OF 13 SH.