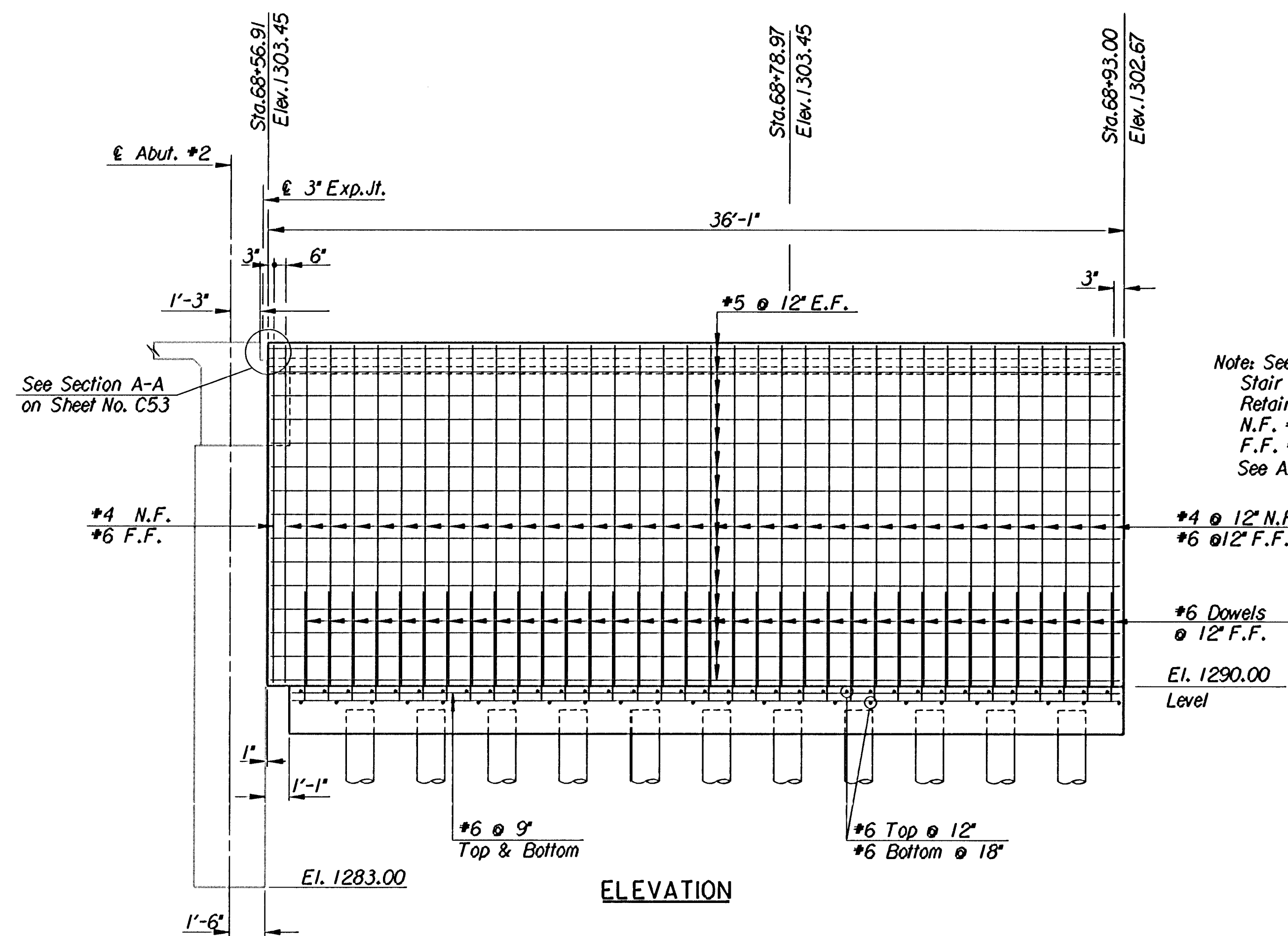
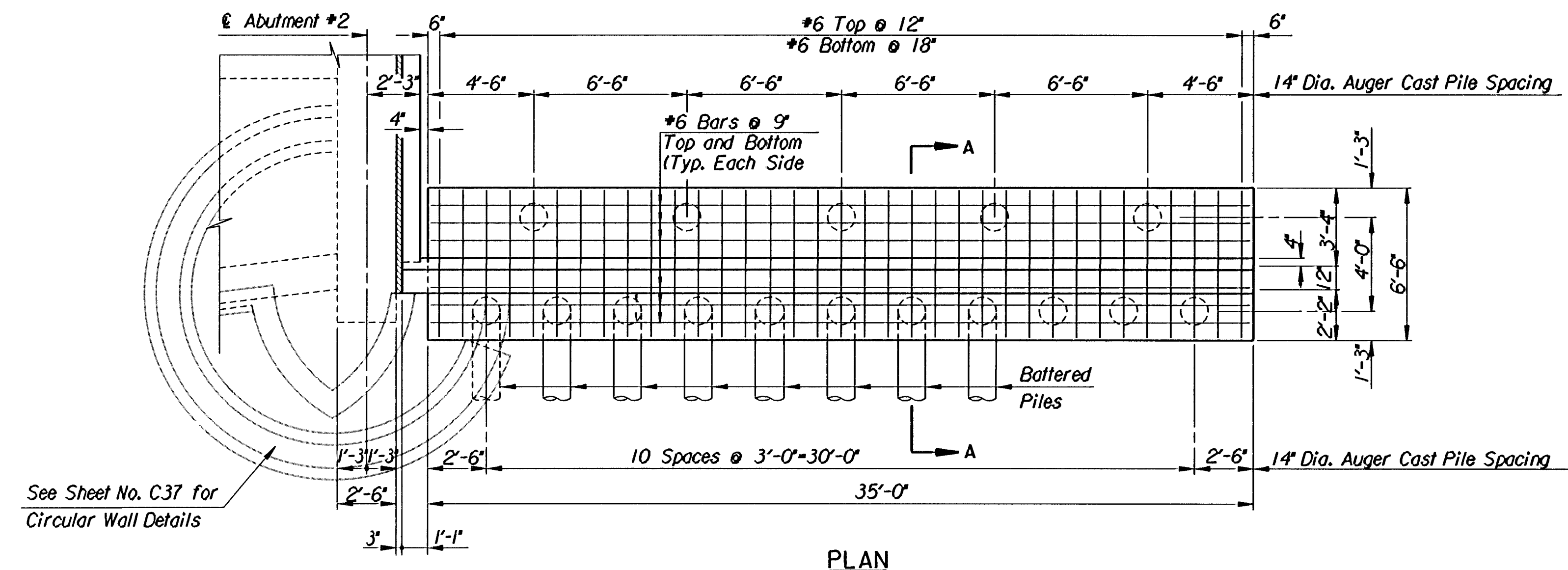
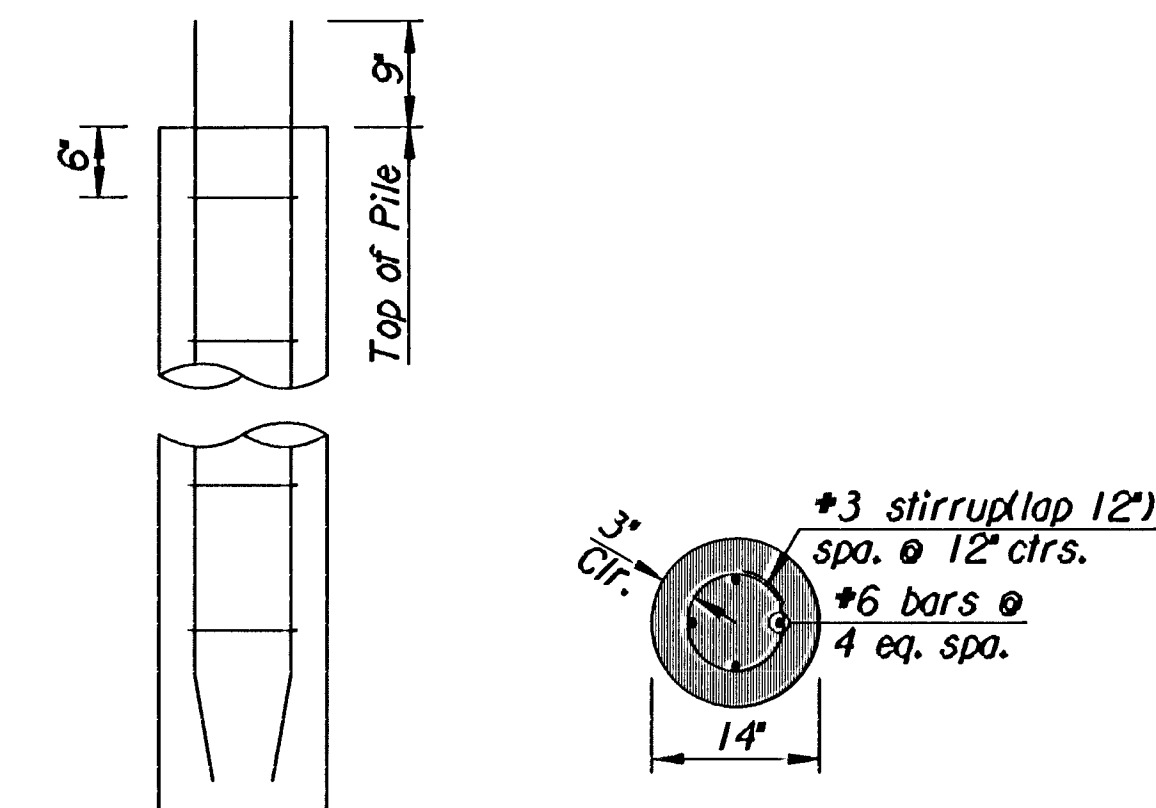
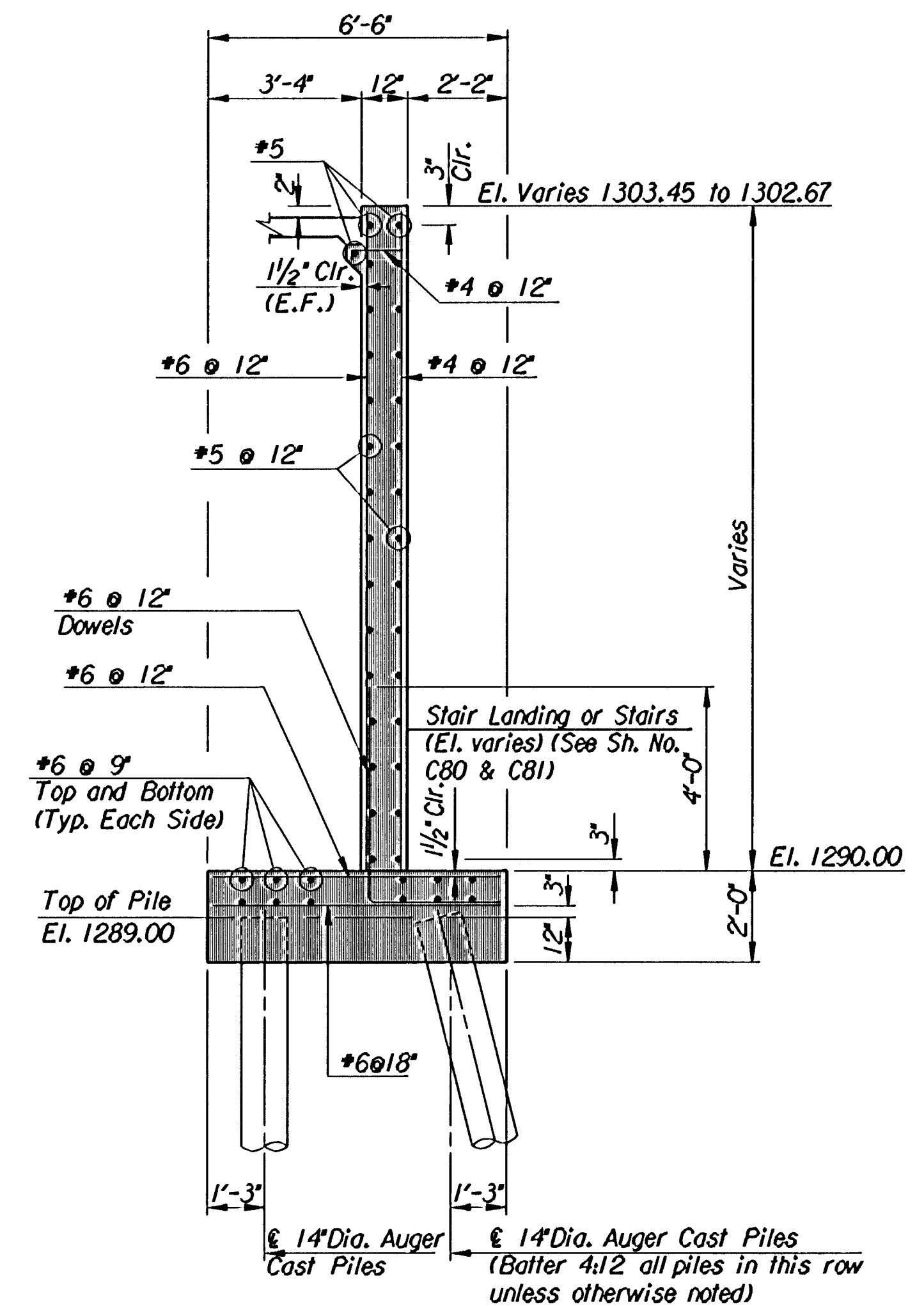




*Note: See Sh. No. C81 for
Stair and Wall Details next to
Retaining Walls.
N.F. = Near Face
F.F. = Far Face
See Arch. Sheet A16 Detail 4 for Concrete Reveal.*



AUGER CAST PILE
SECTION AND ELEVATION



SECTION A-A

* BILL OF MATERIALS - CONCRETE		
Item	Quantity	Unit
Southwest Retaining Wall	34.9	C.Y.

* For Information Only

NOTE: Reinforcing for Northeast and Southeast walls is not itemized in a bill of materials. See Sheet No. C27 for "General Notes". See Sheet No. C37 for associated circular wall details at Abutment No. 2 only.

1. The Design Capacity of each 14" Dia. Auger Cast Pile is 10 ton. Length of piles shown is based on side friction in accordance with the subsurface investigation. Installation of piles shall be verified by a licensed soils engineer.
2. The bottom elevation of auger cast piles shall be 1273.00.
3. It is anticipated that borings will encounter groundwater. Maintain 2'-0" of grout above the bottom of the auger at all times during casting.
4. Immediately upon auger removal and while grout is still plastic, lower reinforcing into the pile. Do not push or force reinforcing into piles. Support reinforcing from above. Vibrate the upper 10' of the grout.

I			
No.	Revisions	By	Date
CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER DOUGLAS AVENUE BRIDGE OVER ARKANSAS RIVER SOUTHEAST RETAINING WALL AT ABUTMENT #2 CITY OF WICHITA PROJECT NO. 472-8272I			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by	RWA	Checked by	RAS
Drawn by	WLL	Date	Sept., 1997 Job No. 95088-4