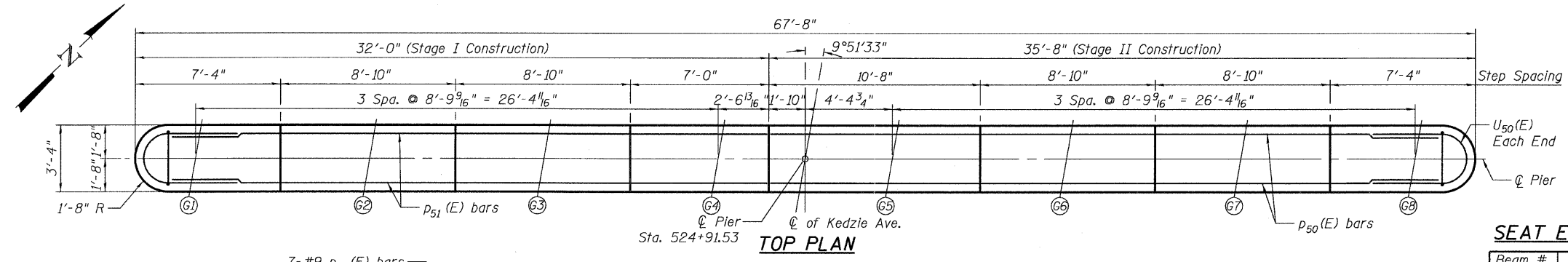
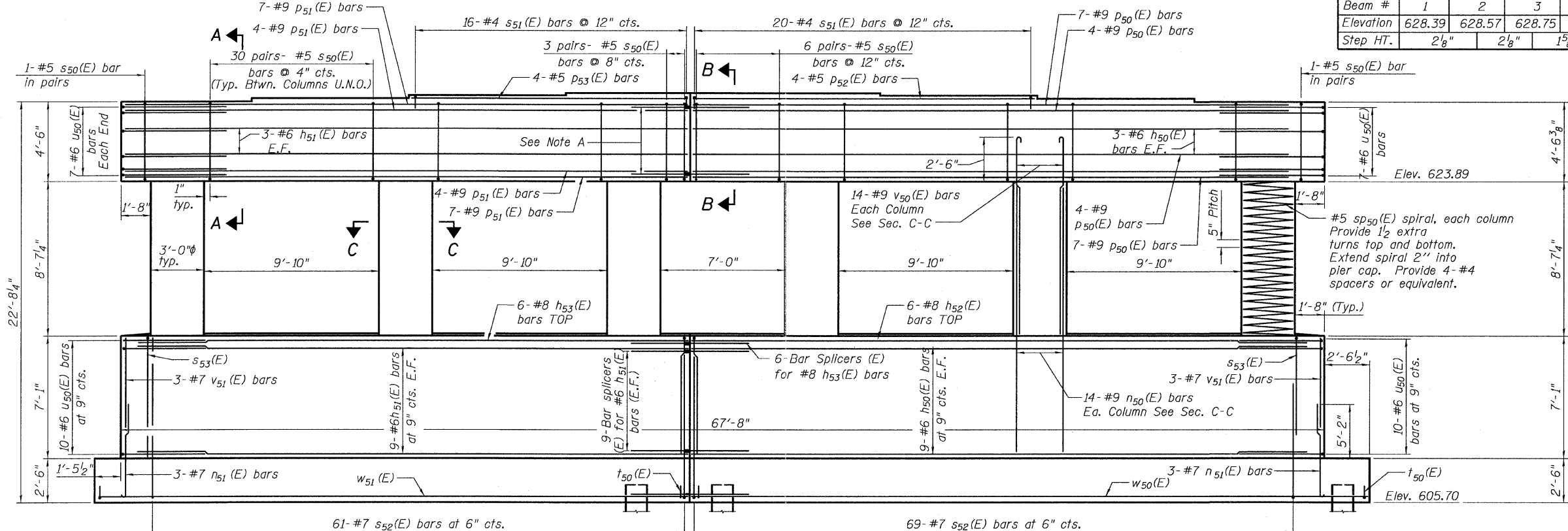


- NOTES:**
1. For Sections A-A, thru C-C, see sheet 30 of 40.
 2. Space reinforcement in cap to miss anchor bolts.
 3. Pour steps monolithically with cap.
 4. For details of piles, see sheet 32 of 40.
 5. For bar splicer details see sheet 31 of 40.
 6. Contractor may adjust pile spacing to miss existing piles.



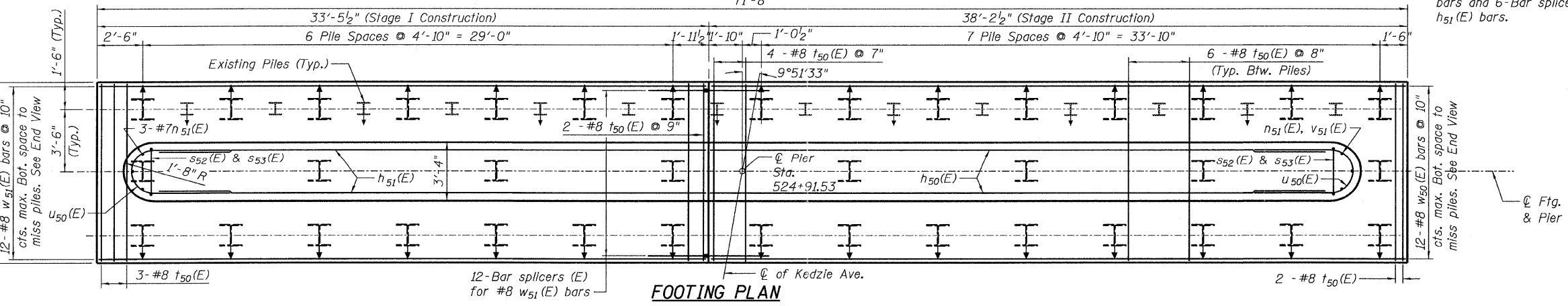
SEAT ELEVATIONS

Beam #	1	2	3	4	5	6	7	8
Elevation	628.39	628.57	628.75	628.88	628.88	628.78	628.60	628.42
Step HT.	2 1/8"	2 1/8"	1 5/8"	0"	1 1/4"	2 1/8"	2 1/8"	



Note A:
22-Bar splicers (E) for #9 P₅₁(E) bars and 6-Bar splicers (E) for #6 h₅₁(E) bars.

PILE DATA:
 Type: HP14x73 with Pile Shoes
 Nominal Required Bearing: 578 kips
 Factored Resistance Available: 318 kips
 Est. Length: 35'-0"
 No. Production Piles: 37
 No. Test Piles: 1
 Estimated Top of Rock Elev. Stage I = 571.00
 Estimated Top of Rock Elev. Stage II = 573.00



TYLIN INTERNATIONAL	USER NAME =	DESIGNED - MDM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PIER STRUCTURE NO. 016-1196	F.A.I. RTE. = 57	SECTION = 1313.1B-1	COUNTY = COOK	TOTAL SHEETS = 162	SHEET NO. = 90	
	PLOT SCALE =	CHECKED - CME	REVISED -			SHEET NO. 29 OF 40 SHEETS		CONTRACT NO. 60K14		ILLINOIS FED. AID PROJECT	
	PLOT DATE = 5/5/2011	DRAWN - SMM	REVISED -								
		CHECKED - MDM	REVISED -								

P:\602540(57-294)\STRUCTURAL\kedzie over 157\final structure plans-active\0161196-57294-029-Pier.dwg 1:41:08 PM 5/3/2011