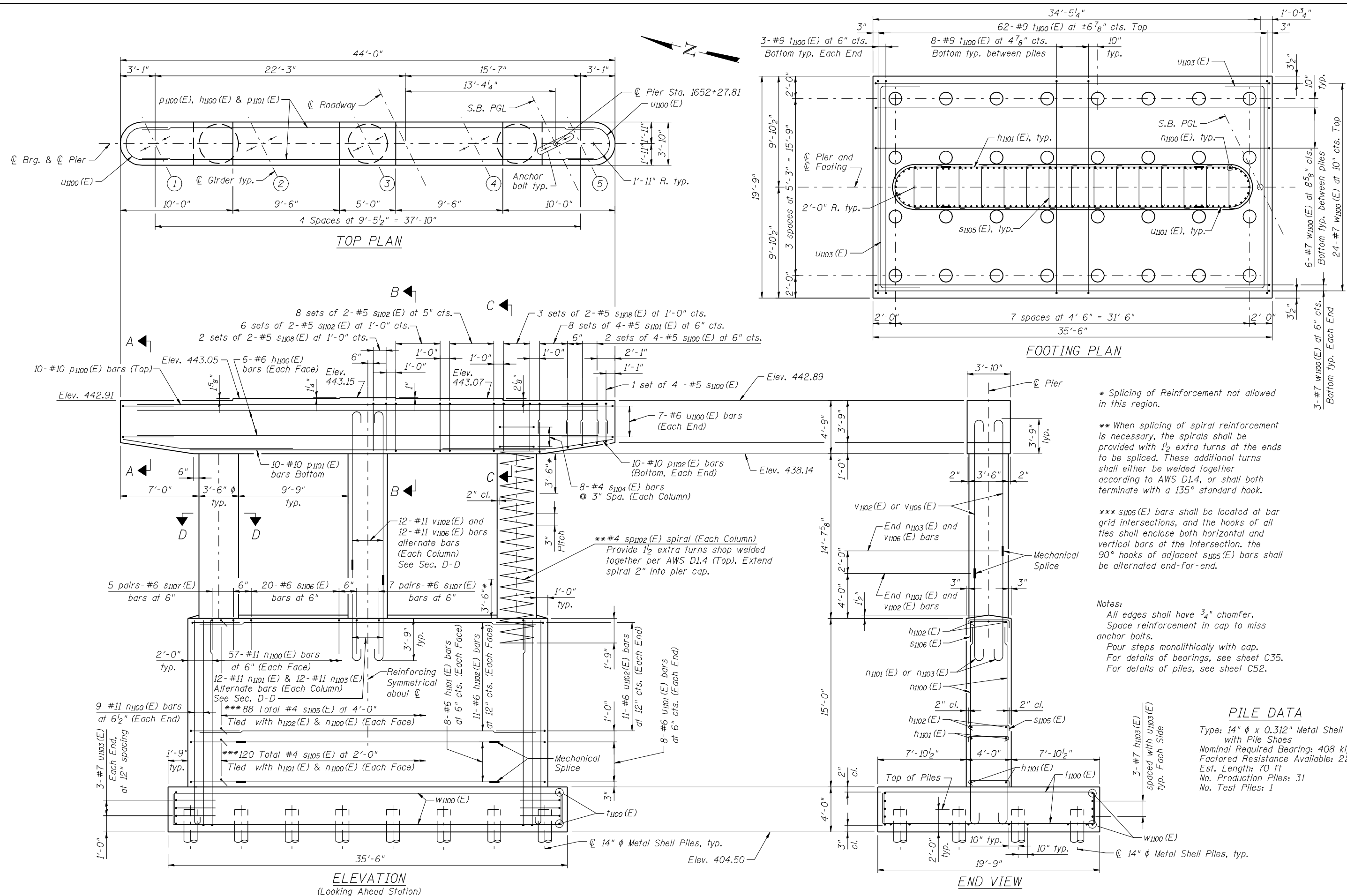


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\* Splicing of Reinforcement not allowed in this region.  
 \*\* When splicing of spiral reinforcement is necessary, the spirals shall be provided with 1/2 extra turns at the ends to be spliced. These additional turns shall either be welded together according to AWS D1.4, or shall both terminate with a 135° standard hook.  
 \*\*\* s1105(E) bars shall be located at bar grid intersections, and the hooks of all ties shall enclose both horizontal and vertical bars at the intersection. the 90° hooks of adjacent s1105(E) bars shall be alternated end-for-end.

Notes:  
 All edges shall have 3/4" chamfer.  
 Space reinforcement in cap to miss anchor bolts.  
 Pour steps monolithically with cap.  
 For details of bearings, see sheet C35.  
 For details of piles, see sheet C52.

**PILE DATA**  
 Type: 14" φ x 0.312" Metal Shell Piles with Pile Shoes  
 Nominal Required Bearing: 408 kips  
 Factored Resistance Available: 224 kips  
 Est. Length: 70 ft  
 No. Production Piles: 31  
 No. Test Piles: 1



USER NAME =	DESIGNED - N. KHATRI	REVISED -
PLOT DATE = 17-OCT-2012	CHECKED - R. RILEY	REVISED -
	DRAWN - M. MEYER	REVISED -
	CHECKED - J. SMITH	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PIER NO. 1 PLAN AND ELEVATION - S.B.**  
**STRUCTURE NO. 082-0334 (N.B.) & 082-0335 (S.B.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2HVB	ST. CLAIR	237	104
CONTRACT NO. 76848				

SHEET NO. C47 OF 76 SHEETS

ILLINOIS FED. AID PROJECT