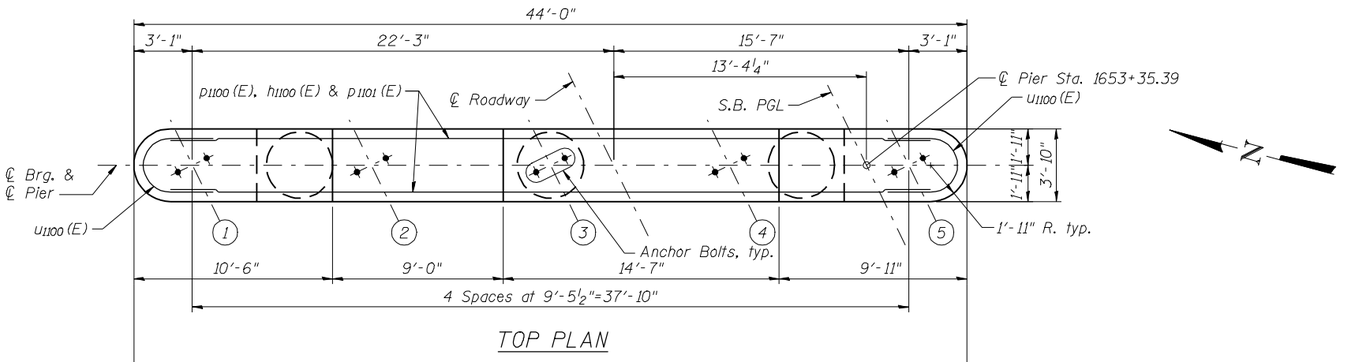
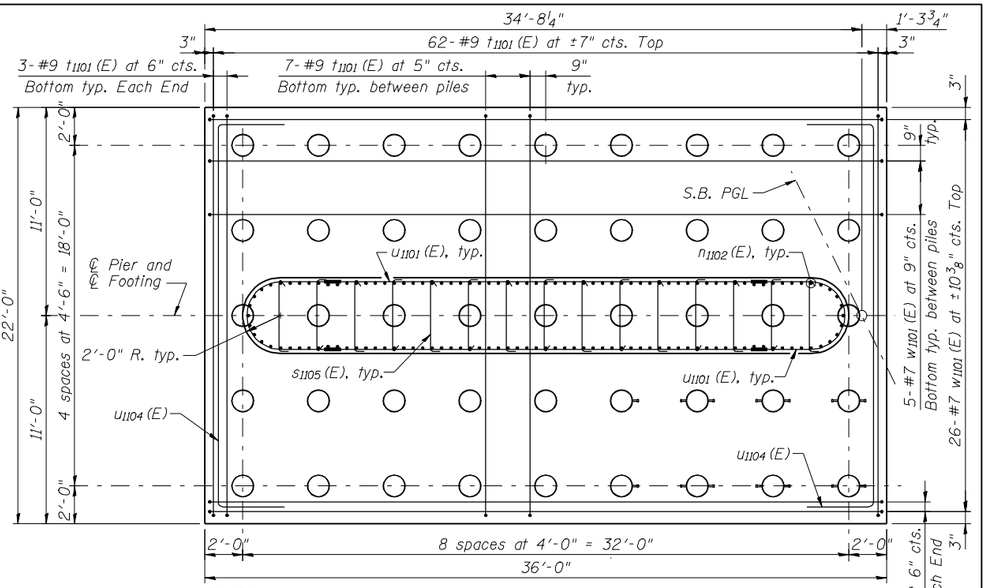
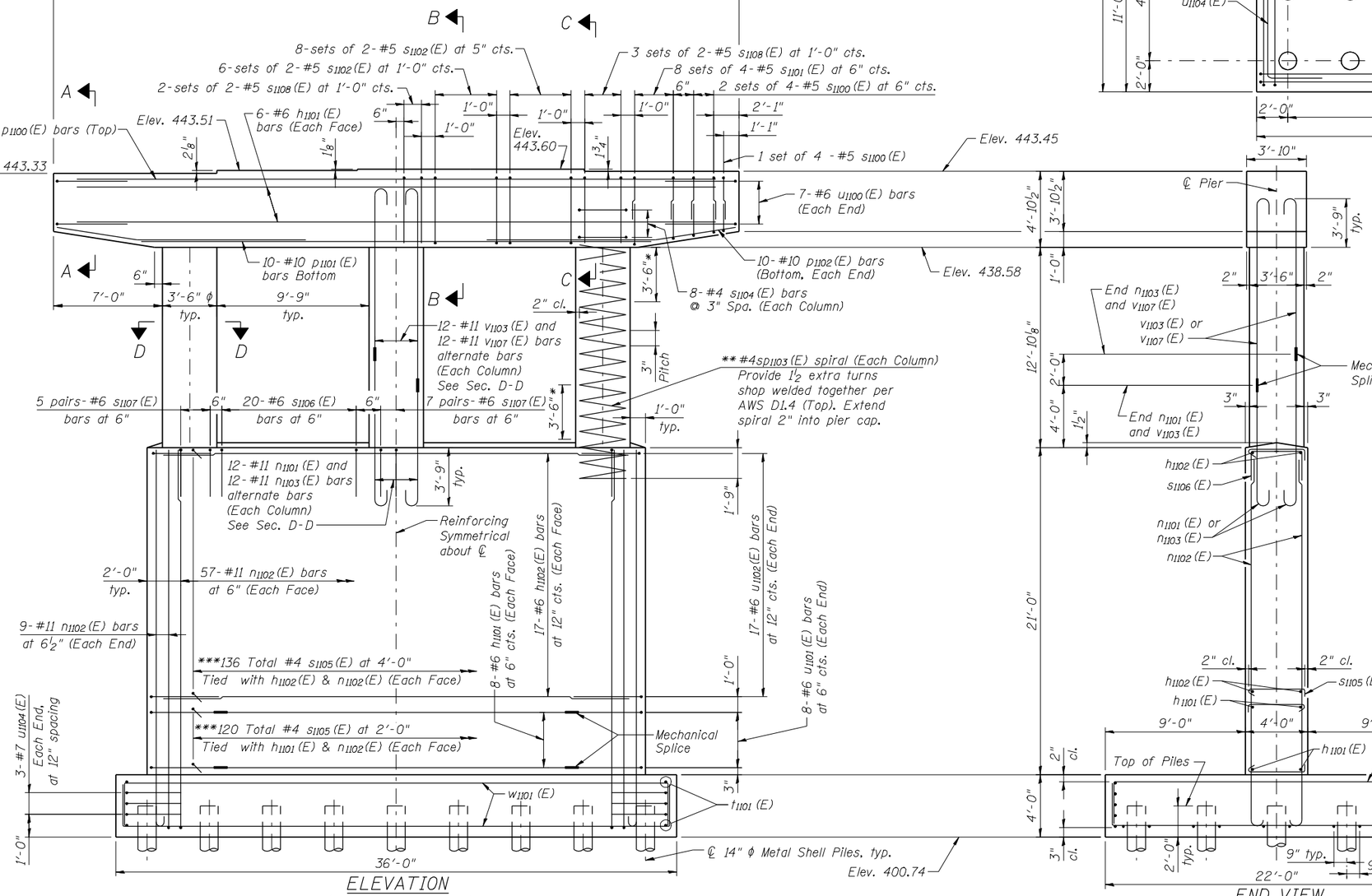


TOP PLAN



FOOTING PLAN



ELEVATION
(Looking Ahead Station)

END VIEW

* Splicing of Reinforcement not allowed in this region.

** When splicing of spiral reinforcement is necessary, the spirals shall be provided with 1 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: 380 kips
Factored Resistance Available: 209 kips
Est. Length: 65 ft
No. Production Piles: 44
No. Test Piles: 1

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17-OCT-2012
16:34

JACOBS	USER NAME =	DESIGNED - N. KHATRI	REVISED -
		CHECKED - R. RILEY	REVISED -
	PLOT DATE = 17-OCT-2012	DRAWN - M. MEYER	REVISED -
FILE NAME = 0820335-76848-048-Pier 2(SB).dgn		CHECKED - J. SMITH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER NO. 2 PLAN AND ELEVATION – S.B.
STRUCTURE NO. 082-0334 (N.B.) & 082-0335 (S.B.)
SHEET NO. C48 OF 76 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2HVB	ST. CLAIR	237	105
		CONTRACT NO. 76848		
		ILLINOIS FED. AID PROJECT		