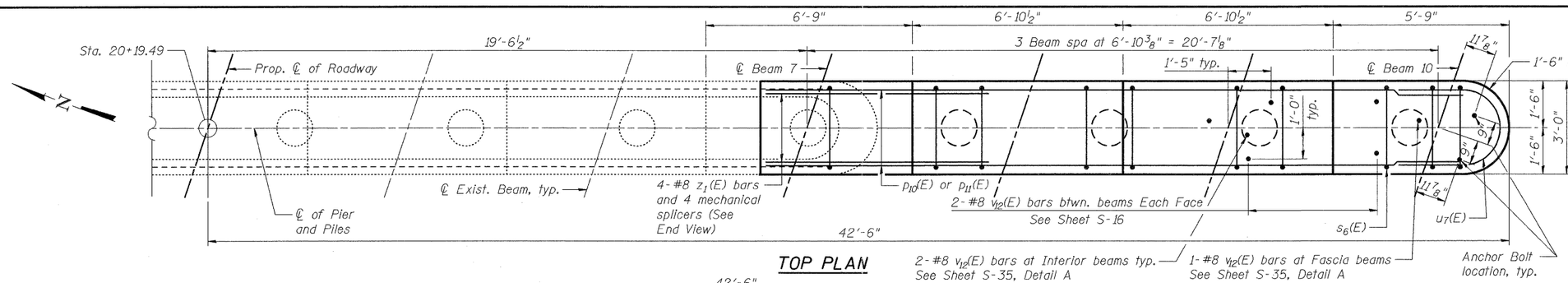
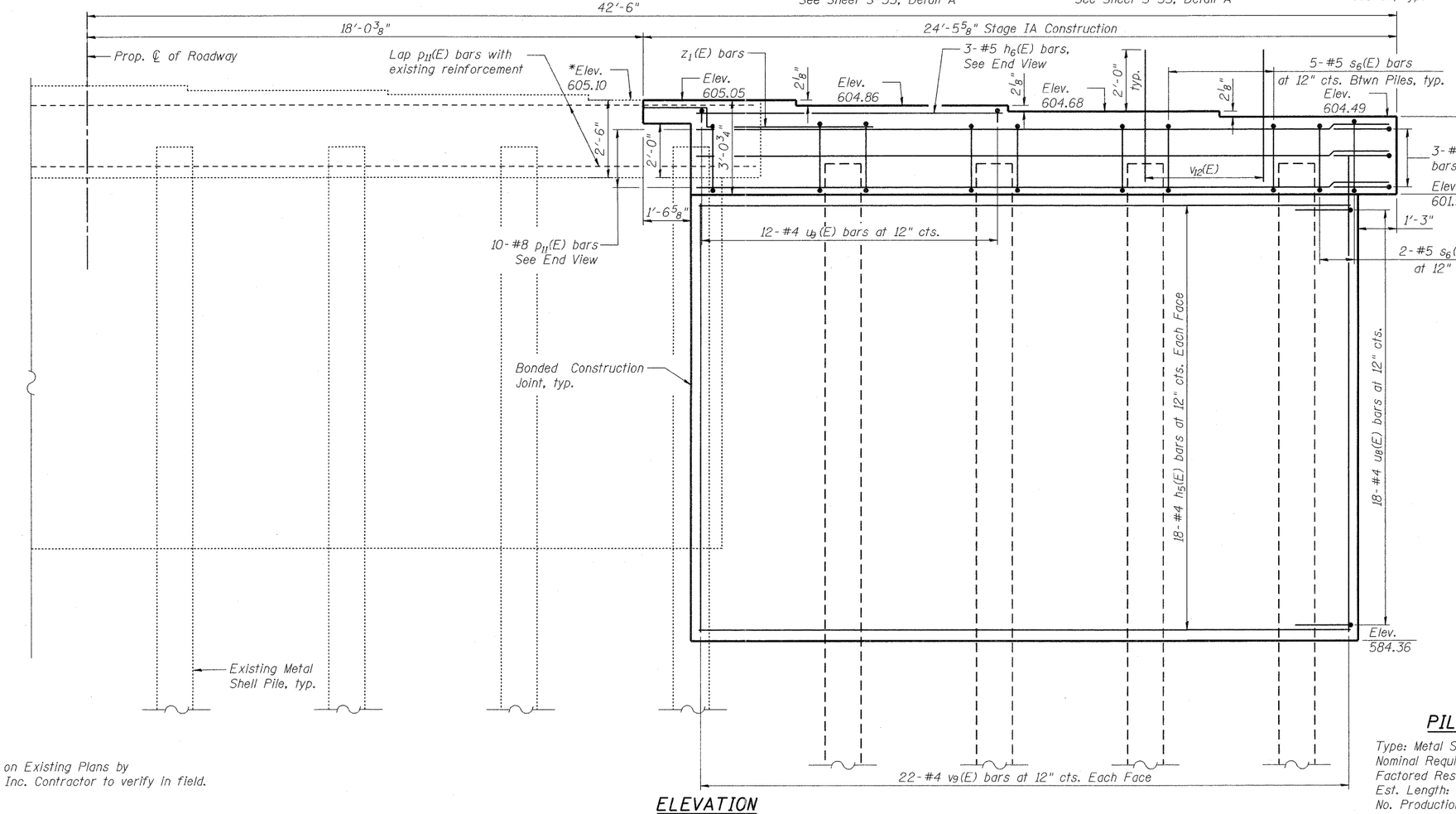


TOP PLAN

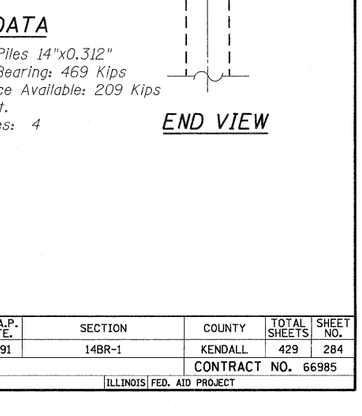
Notes:
Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.
For details of piles, see sheet S-39.
Existing reinforcement shall be cleaned and incorporated into the new construction.
Cost included with Concrete Removal.

See sheet S-5 and S-6 for Concrete Removal details.
See sheet S-17 for details related to anchor bolts.

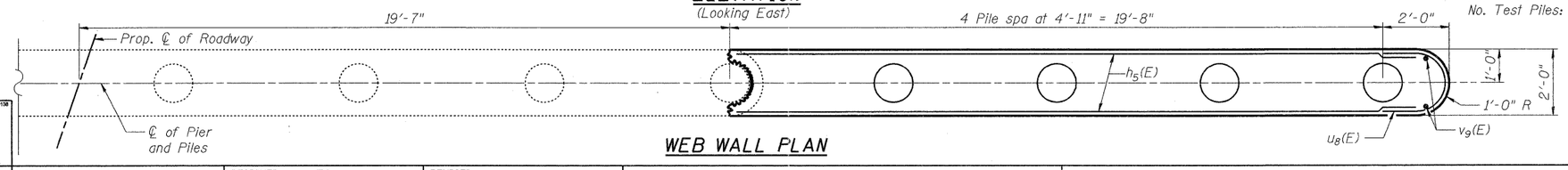


* Elevations based on Existing Plans by Hazelet & Endal, Inc. Contractor to verify in field.

ELEVATION
(Looking East)



END VIEW



WEB WALL PLAN

PILE DATA

Type: Metal Shell Piles 14"x0.312"
Nominal Required Bearing: 469 Kips
Factored Resistance Available: 209 Kips
Est. Length: 35 Ft.
No. Production Piles: 4
No. Test Piles: 0

Illinois Professional Design Firm # 184-000138
SEC Group, Inc.
An HR Green Company
420 N. Front Street
McHenry, IL 60050-2136
t. 815.385.1778 f. 815.385.1781
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•McHenry,IL •Yorkville,IL •New Lenox,IL •Chicago,IL

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606

USER NAME = whood	DESIGNED - JPG	REVISED -	
	CHECKED - SSM	REVISED -	
PLOT SCALE =	DRAWN - WJH	REVISED -	
PLOT DATE = 10/14/2011	CHECKED - RGD	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PIER 1
STRUCTURE NO. 047-0051
SHEET NO. S-34 OF S-43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	14BR-1	KENDALL	429	284
		CONTRACT NO. 66985		
	ILLINOIS	FED. AID PROJECT		

COMPANY NAME: SEC GROUP INC.
PROJECT CONTACT: Robert G. Davies
CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION
DATE PLOTTED: 10/14/2011 11:10:46 AM
FILE NAME: 047005I-Pier01B.dgn
PLOT DRIVER: pdf.plt
PEN TABLE: Struct 22x34.tbl