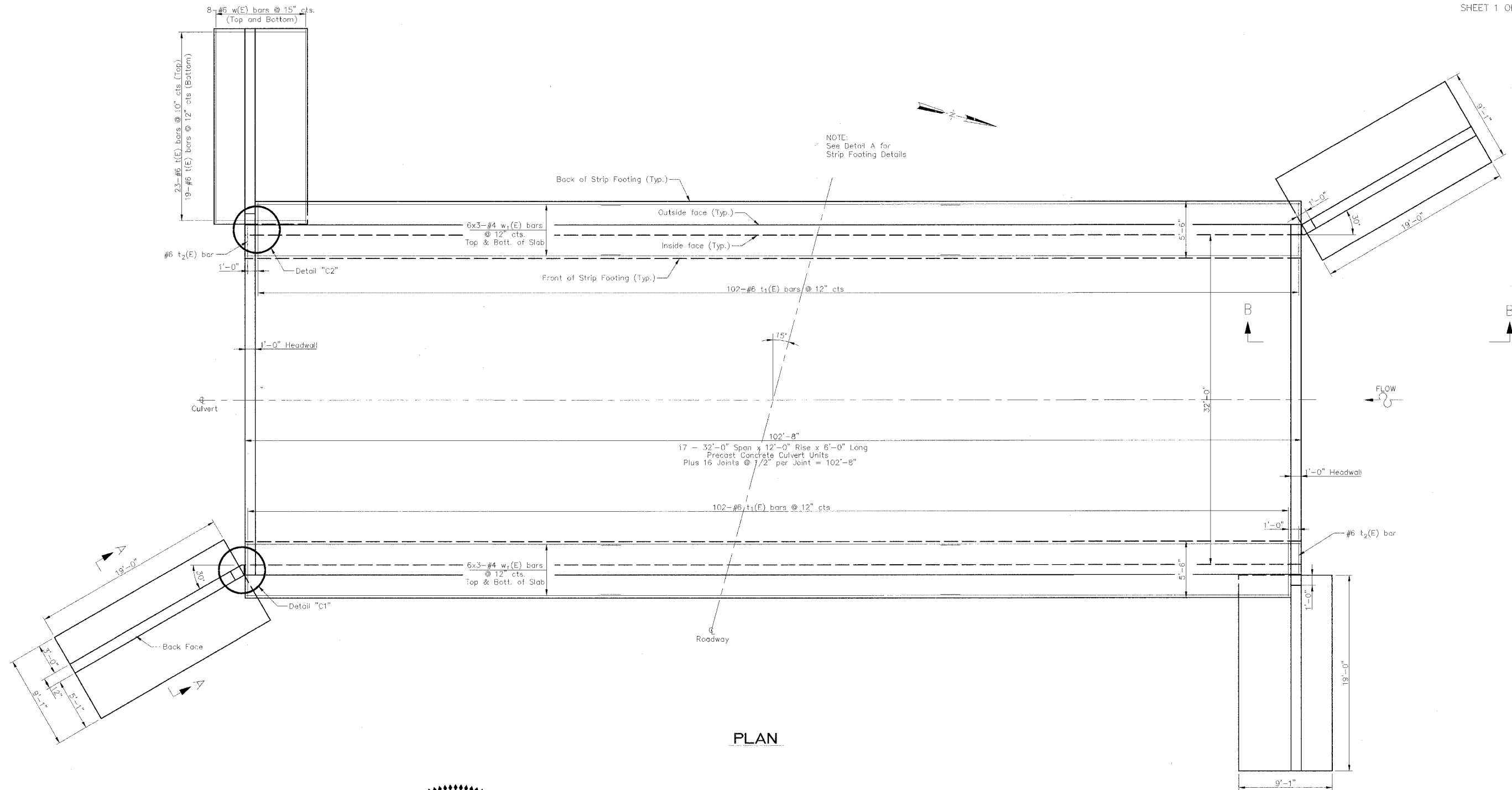


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 22	93-00085-00-BR	HANCOCK	11	8

PLAN, ELEVATION, SECTIONS AND DETAILS

SHEET 1 OF 3

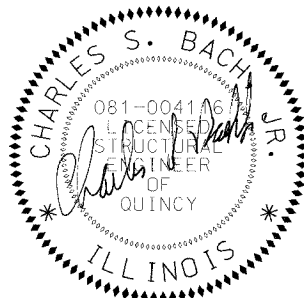


PLAN

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED STRUCTURAL ENGINEER UNDER THE LAWS OF THE STATE OF ILLINOIS.

*Charles S. Bach, Jr.*  
CHARLES S. BACH, JR.  
081-004116  
DATE: 6-29-07

MY LICENSE RENEWAL DATE IS NOVEMBER 30, 2008  
PAGES OR SHEETS COVERED BY THIS SEAL: Sheets 1 - 3



**NOTES**  
**DESIGN DATA**  
Design Loading: HS20-44  
Design Method: Load factor per AASHTO Specification  
Assumed Allowable Soil Bearing for Wingwalls: 5,800 PSF (Verify)  
Assumed Allowable Soil Bearing for Strip Footings: 9,000 PSF (Verify)

**MATERIALS**  
Precast units shall be constructed and installed in accordance with Manufacturer's Specifications.  
Concrete for Footings and Wingwalls shall have a minimum compressive strength of 4000 psi.  
Reinforcing steel for Footings and Wingwalls shall conform to ASTM A 706 Gr 60 (IL Modified).

PLAN FOR CAST IN PLACE WINGWALLS AND FOUNDATION  
C.H. 22  
SECTION 93-00085-00-BR  
HANCOCK COUNTY  
STATION 49+84

**PSBA** POEPPING, STONE, BACH & ASSOCIATES, INC.  
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Date: JAN 2007  
Project No.: R-03-018  
File No.: R03018-1