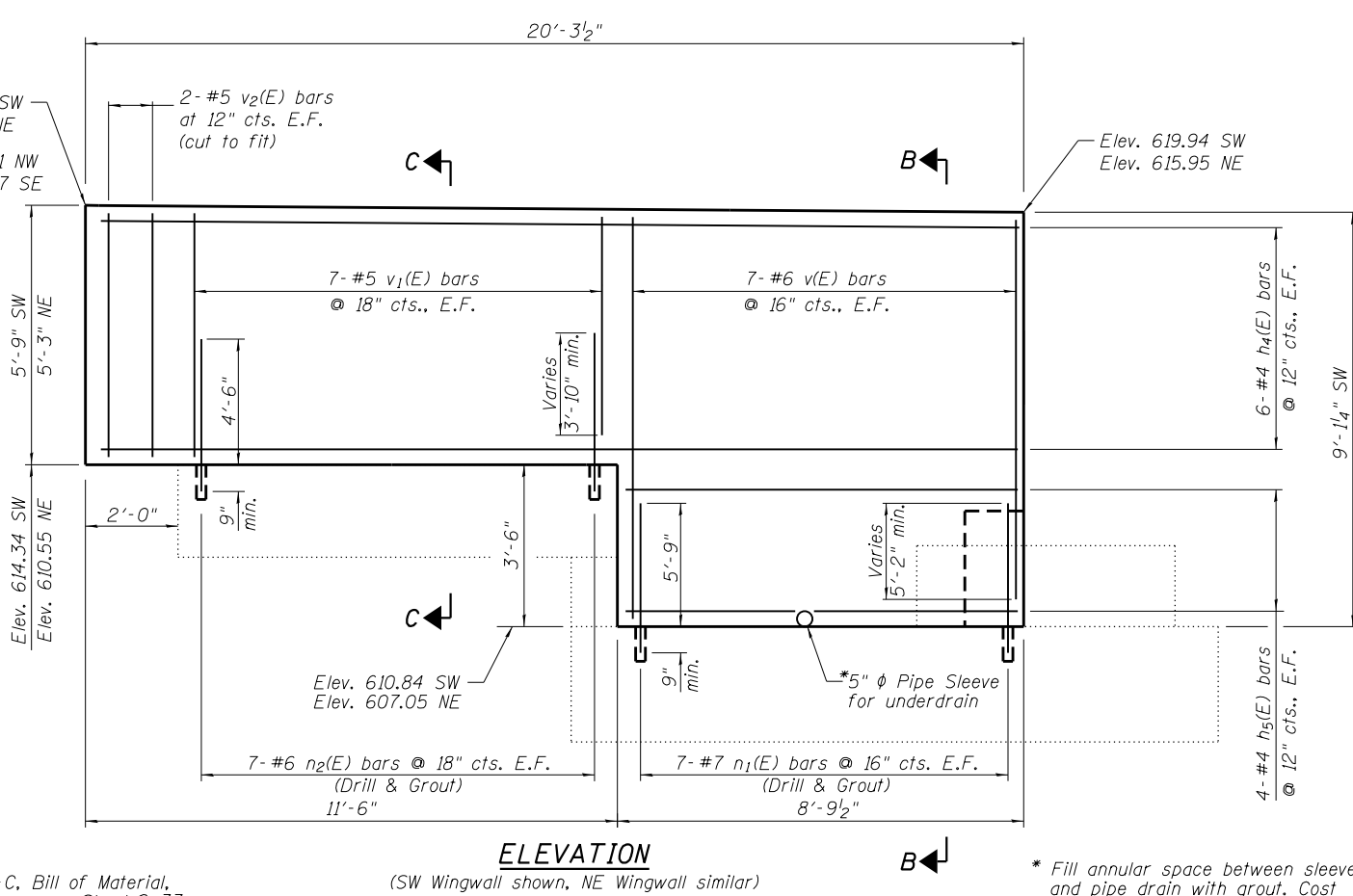
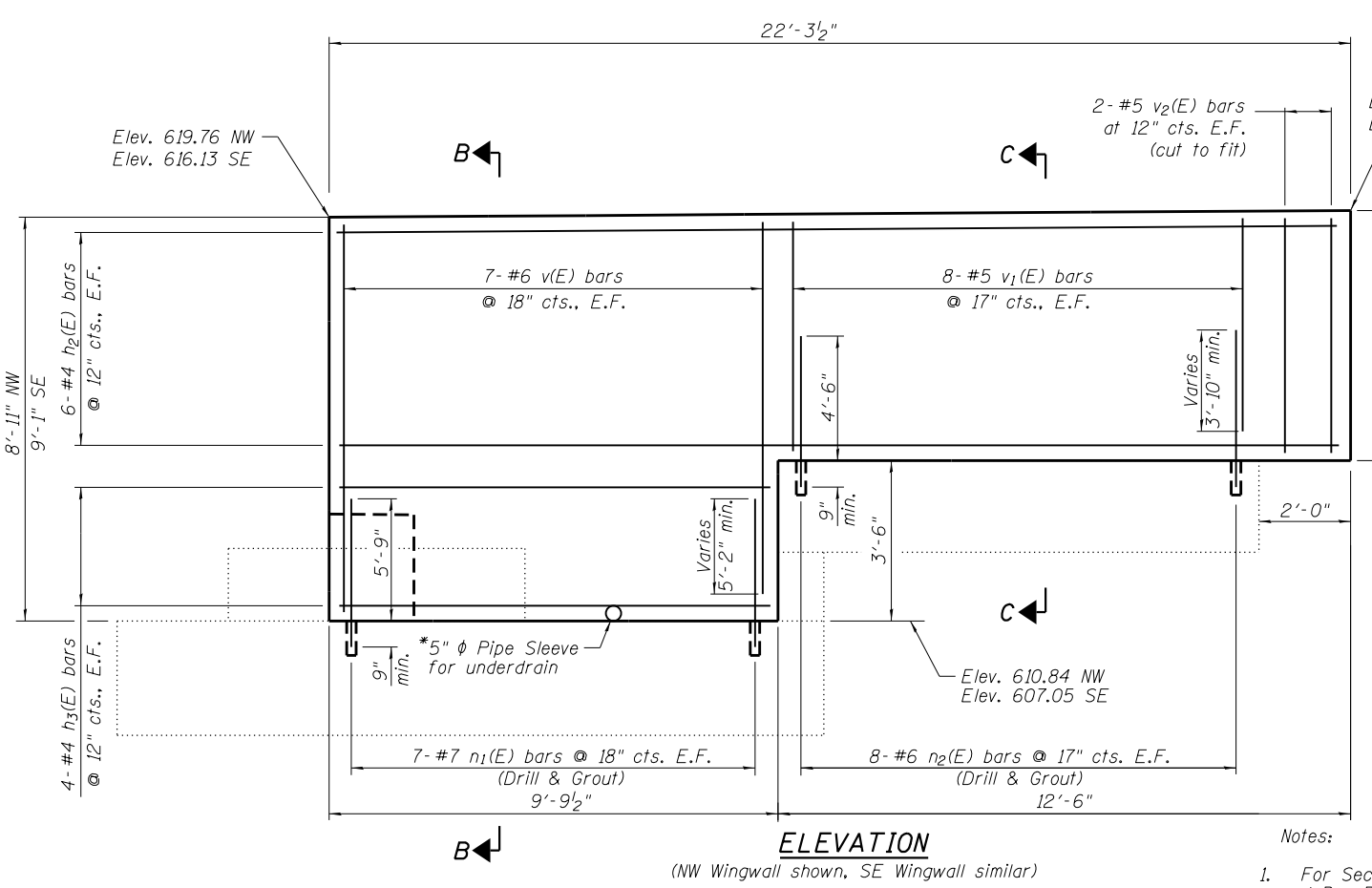
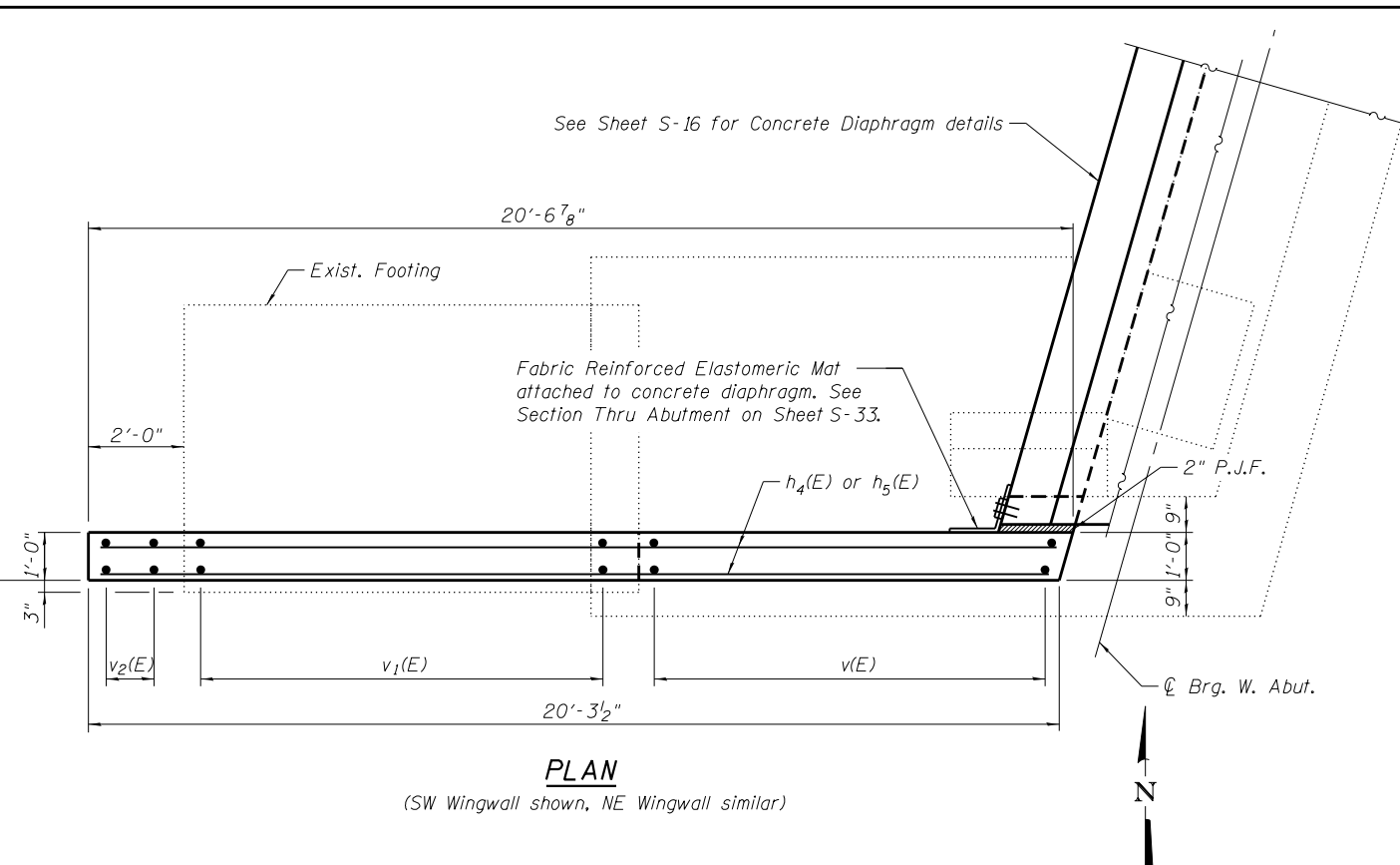
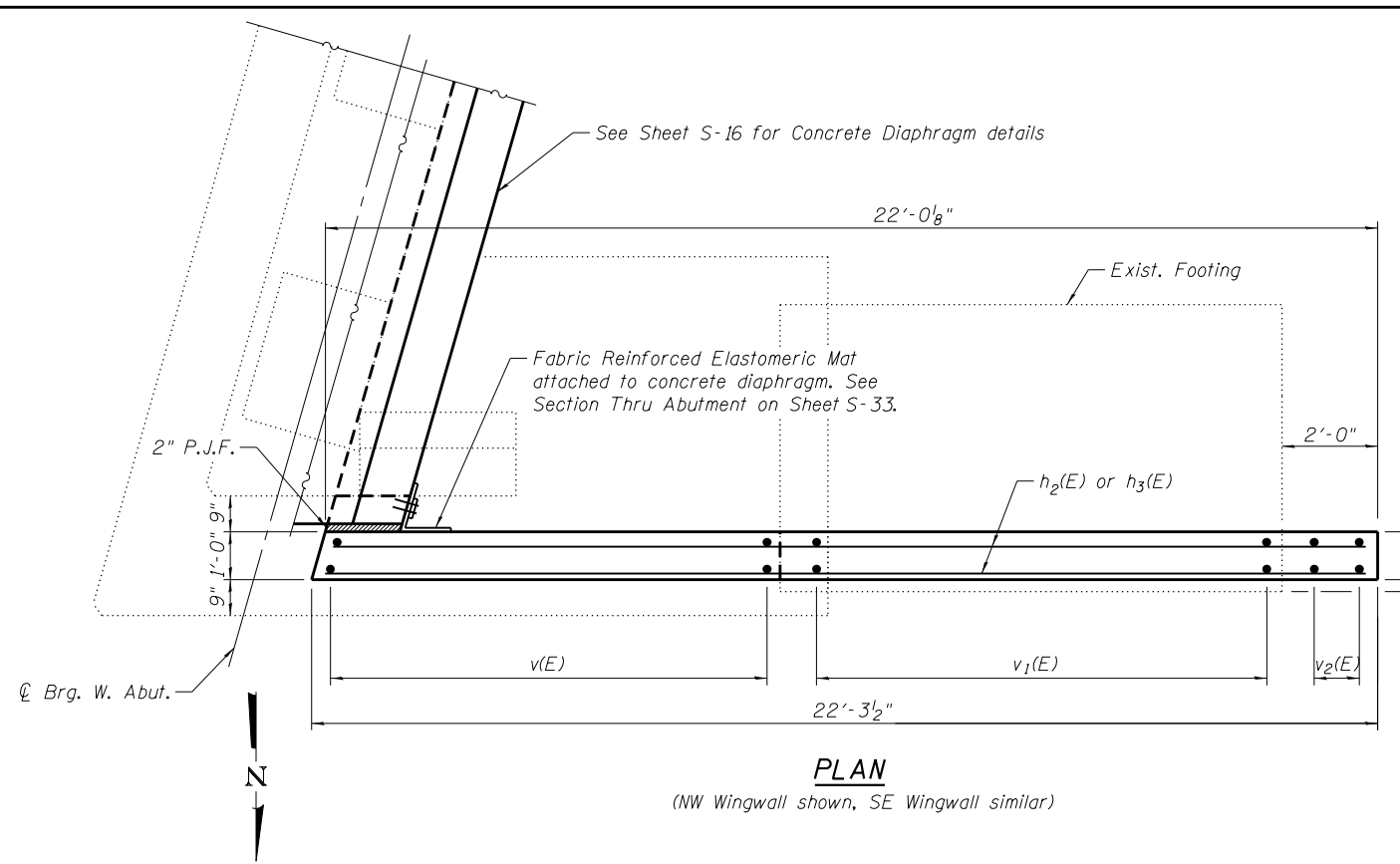


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4/18/2013

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- Notes:
- For Sections B-B, C-C, Bill of Material, and Bar Bending Diagrams, see Sheet S-33.
 - E.F. denotes Each Face

* Fill annular space between sleeve and pipe drain with grout. Cost included with Pipe Underdrains for Structures 4".

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com

USER NAME =	DESIGNED - MRM	REVISED -
PLOT SCALE =	CHECKED - BAK	REVISED -
PLOT DATE = 03/29/2013	DRAWN - MTR	REVISED -
	CHECKED - SF	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ABUTMENT RECONSTRUCTION DETAILS I
STRUCTURE NO. 016-2440
SHEET NO. S-32 OF S-47 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	460
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				