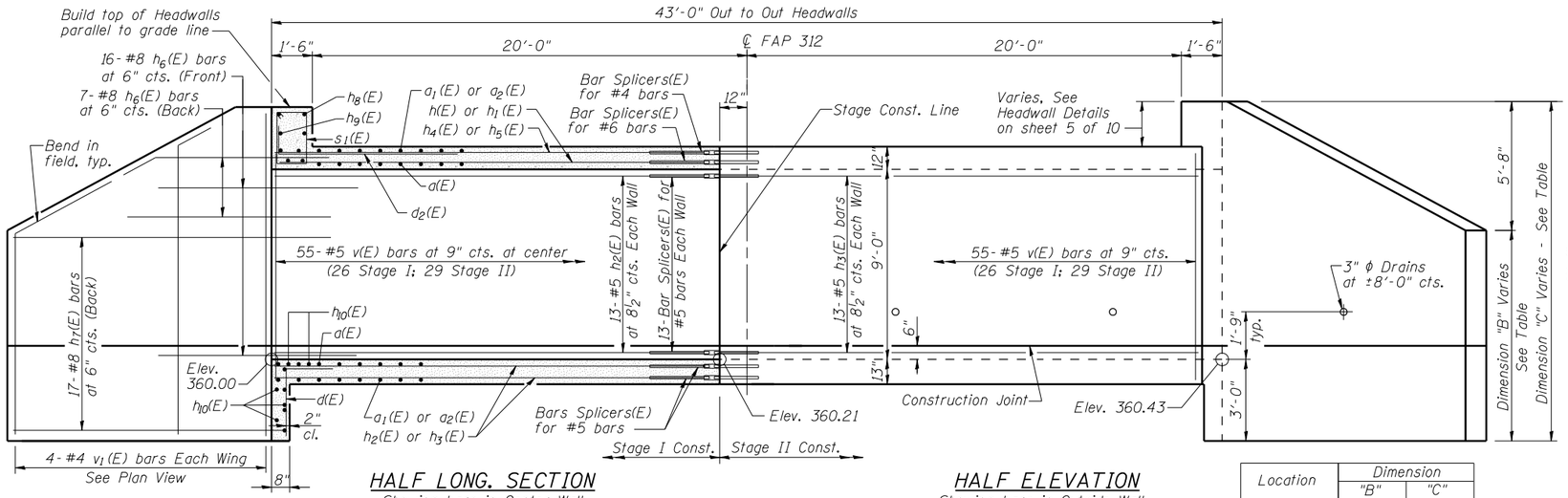
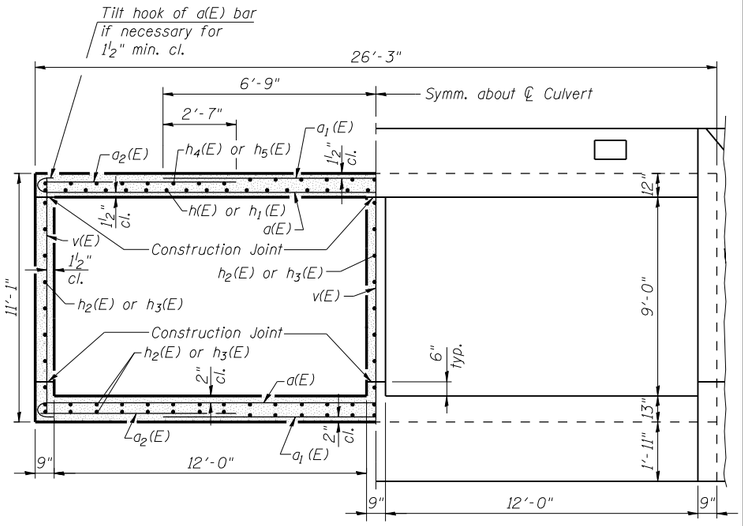


HALF LONG. SECTION

Showing bars in Center Wall

HALF ELEVATION

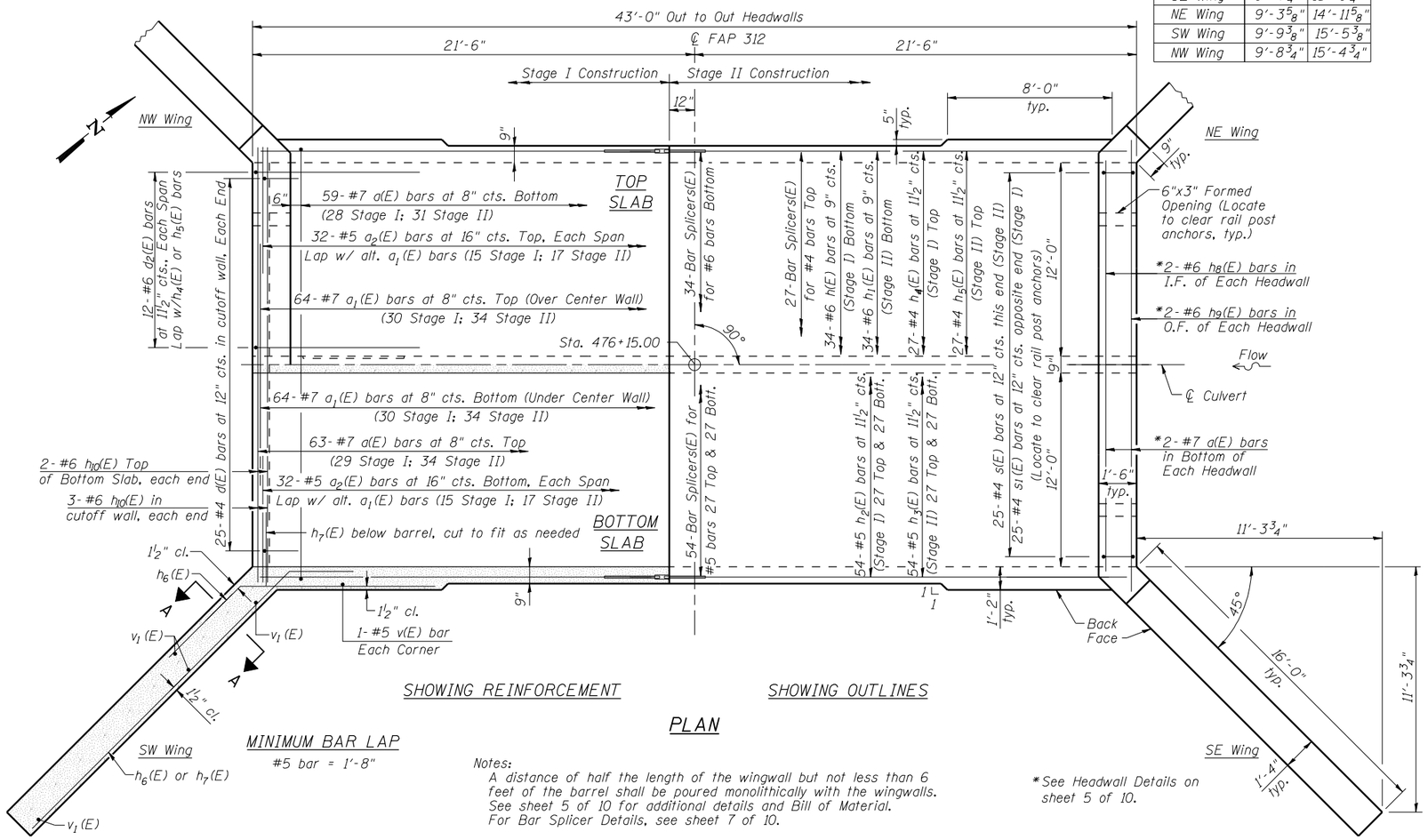
Showing bars in Outside Wall



HALF SECTION THRU BARREL

HALF END ELEVATION

Location	Dimension	
	"B"	"C"
SE Wing	9'-4¼"	15'-0¼"
NE Wing	9'-3⅝"	14'-11⅝"
SW Wing	9'-9⅜"	15'-5⅜"
NW Wing	9'-8¾"	15'-4¾"



SHOWING REINFORCEMENT

SHOWING OUTLINES

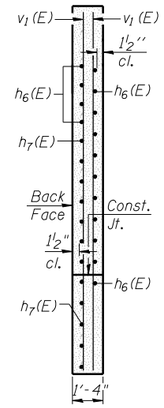
PLAN

MINIMUM BAR LAP

#5 bar = 1'-8"

Notes:
A distance of half the length of the wingwall but not less than 6 feet of the barrel shall be poured monolithically with the wingwalls.
See sheet 5 of 10 for additional details and Bill of Material.
For Bar Splicer Details, see sheet 7 of 10.

*See Headwall Details on sheet 5 of 10.



SECTION A-A

(Sheet 1 of 2)

ESCA CONSULTANTS, INC. CIVIL & STRUCTURAL ENGINEERS PEORIA, ILLINOIS

USER NAME = RJT		DESIGNED -	RDP	09/11	REVISED -
ESCA PROJECT NO. 988.08		CHECKED -	JTS	09/11	REVISED -
PLOT SCALE = 0:2 '1' / IN.		DRAWN -	DWH	11/11	REVISED -
PLOT DATE = 11/16/2011	10:01:57 AM	CHECKED -	RDP	11/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT DETAILS
STRUCTURE NO. 039-2028

SHEET NO. 4 OF 10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
312	123B-3	JACKSON	58	40
		CONTRACT NO. 78197		
		ILLINOIS FED. AID PROJECT		