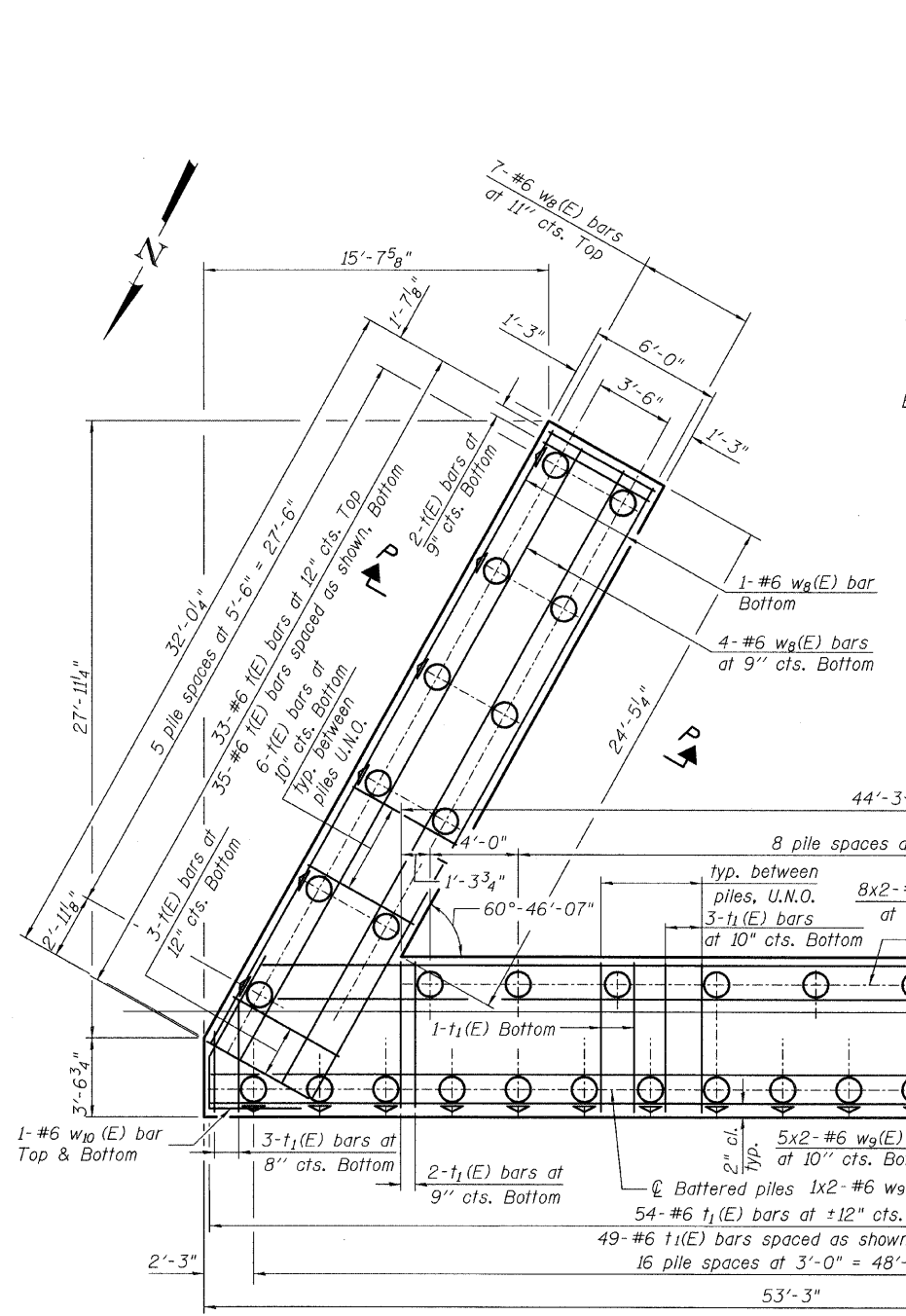


PILE DATA

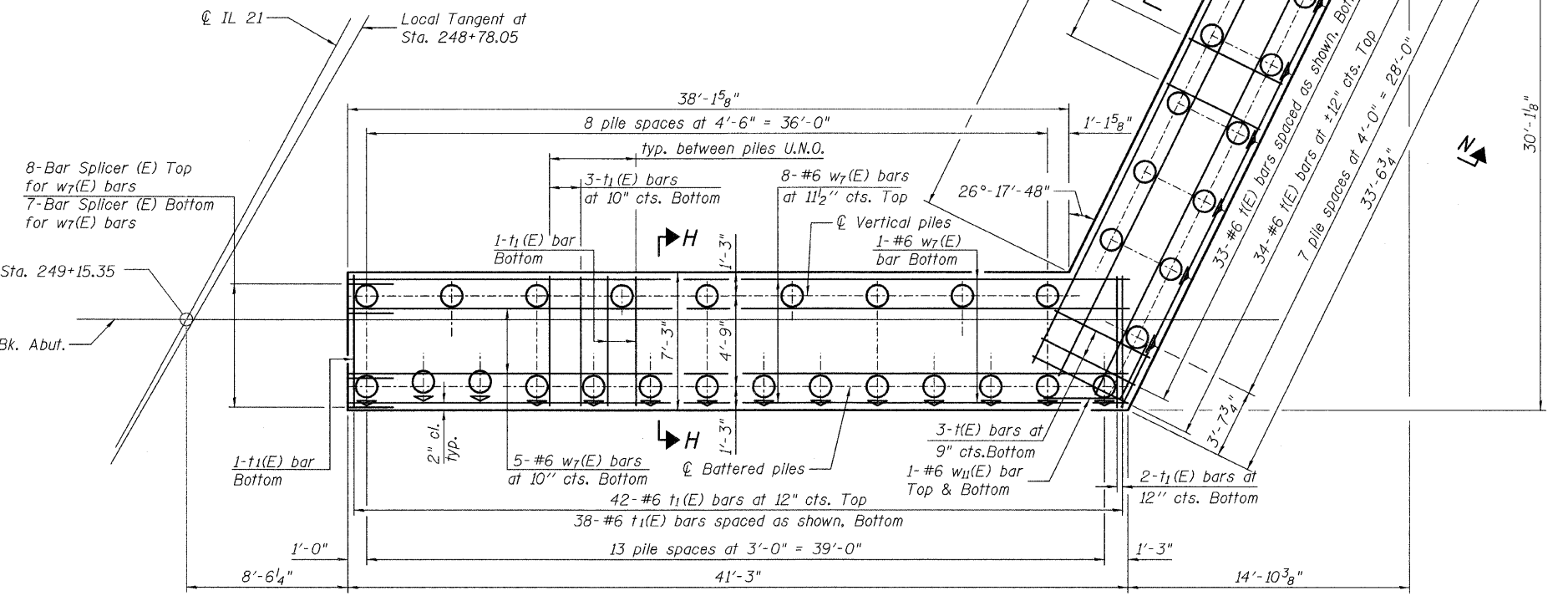
Type: Metal Shell - 14" ϕ x 0.25" walls with pile shoes
 Nominal Required Bearing: 316 kips
 Factored Resistance Available: 136 kips
 Est. Length: 19 ft
 No. Production Piles: 75
 No. Test Piles: 1

LEGEND

- Metal Shell - 14" ϕ x 0.25" wall
- Battered Metal Shell - 14" ϕ x 0.25" wall



SOUTH ABUTMENT STAGE II FOOTING PLAN



SOUTH ABUTMENT STAGE I FOOTING PLAN

Notes:

1. Cut $w_6(E)$, $w_8(E)$ and $w_9(E)$ bars in field to fit or miss piles if necessary.
2. See Section H-H on sheet 35 of 43.
3. See Section N-N and Section P-P on sheet 37 of 43.
4. $n_2(E)$, $n_3(E)$ and $n_4(E)$ bars are not shown for clarity. See Sheets 35 thru 37 for placement.

FILE NAME = 0490199-60953-034-S_Abut_Ftg.dgn	USER NAME =	DESIGNED - JY	REVISIONS -
PLOT SCALE =	CHECKED - WPM	REVISIONS -	
PLOT DATE = 12/28/2010	DRAWN - JY	REVISIONS -	
	CHECKED - RMK	REVISIONS -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SOUTH ABUTMENT FOOTING PLAN
 STRUCTURE NO. 049-0199**

SHEET NO. 34 OF 43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	276
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				

