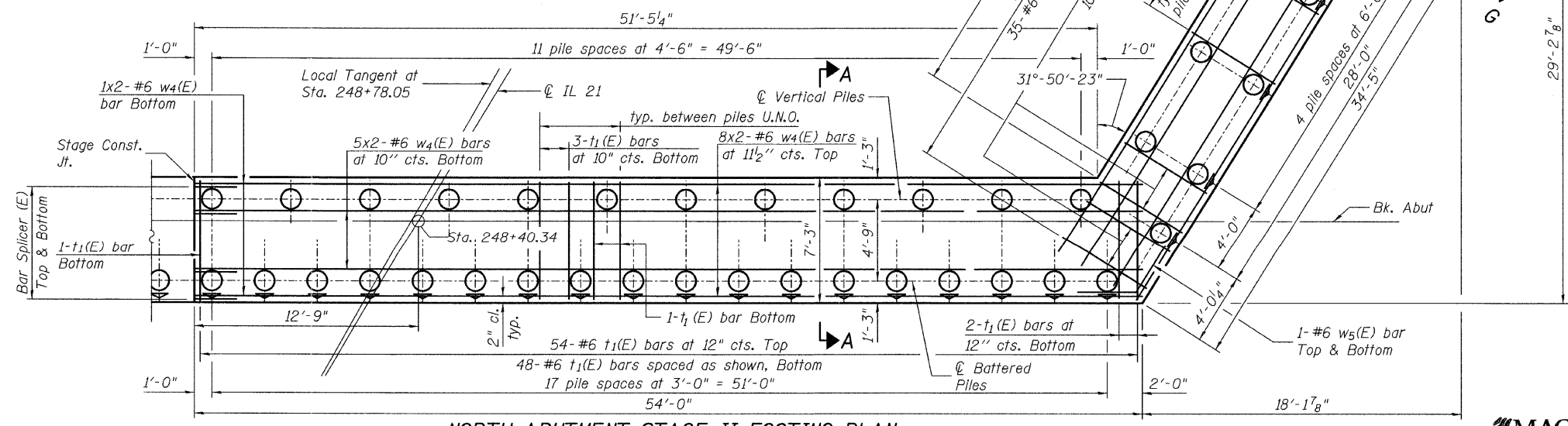


NORTH ABUTMENT STAGE I FOOTING PLAN



NORTH ABUTMENT STAGE II FOOTING PLAN

PILE DATA

Type: Metal Shell - 14"φ x 0.25" walls with pile shoes
 Nominal Required Bearing: 403 kips
 Factored Resistance Available: 145 kips
 Est. Length: 15 ft
 No. Production Piles: 74
 No. Test Piles: 1

LEGEND

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

Notes:

1. Cut w(E), w1(E) and w3(E) bars in field to fit or miss piles if necessary.
2. See Section A-A on sheet 31 of 43.
3. See Section F-F and Section G-G on sheet 33 of 43.
4. n(E) and n1(E) bars are not shown for clarity. See Sheets 31 thru 33 for placement.

FILE NAME = 8498199-68953-030-N.Aburt.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**

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

SHEET NO. 30 OF 43 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	272
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				

