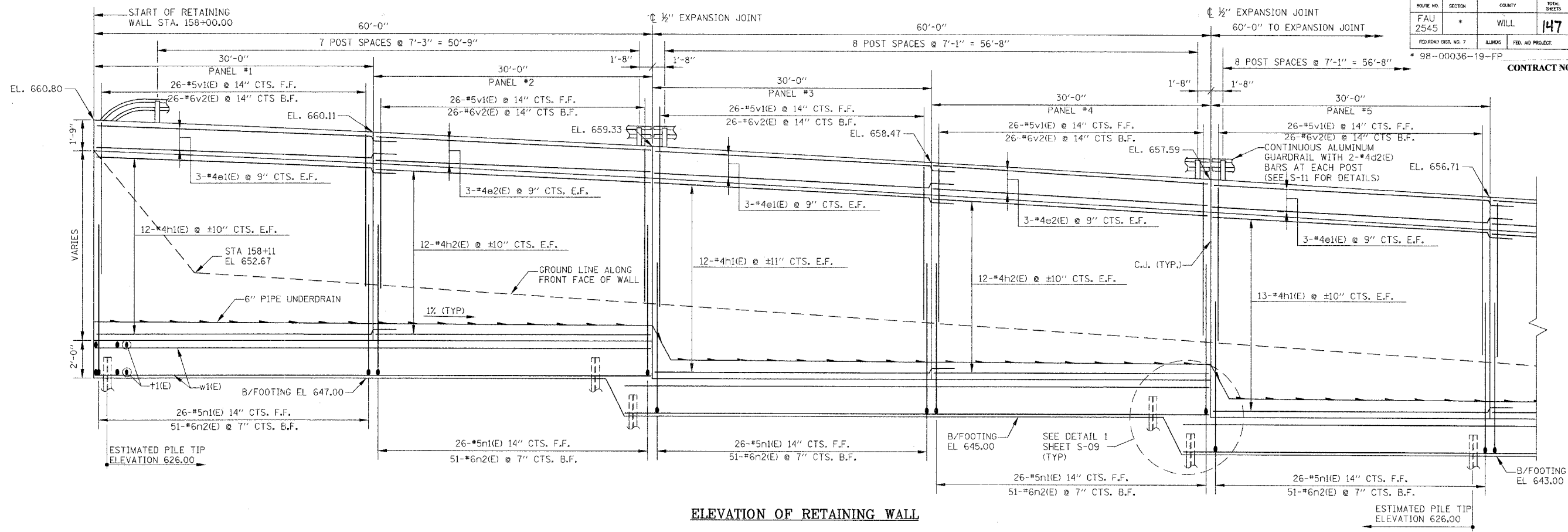
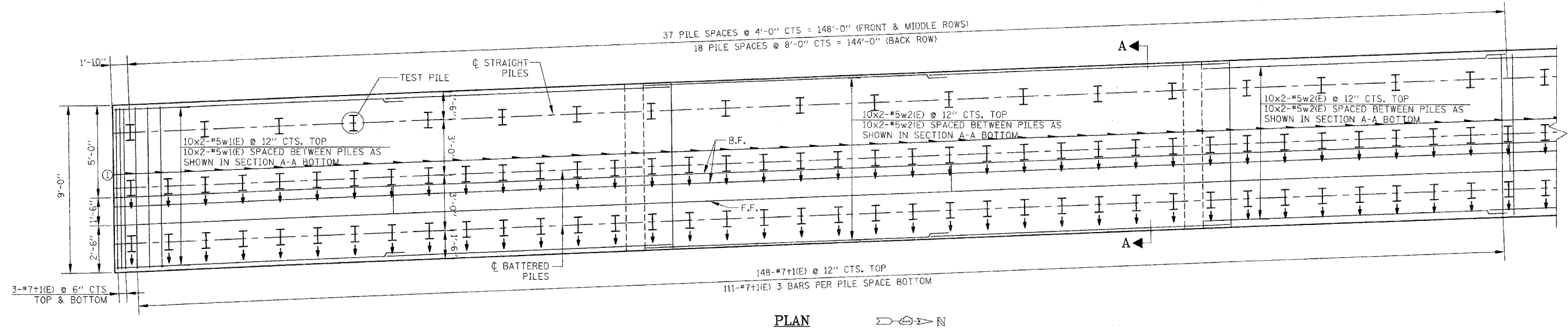


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2545	*	WILL	147	82
FED. ROAD DIST. NO. 7		ALIGNS	FED. AID PROJECT	
* 98-00036-19-FP		CONTRACT NO. 83896		



**ELEVATION OF RETAINING WALL**



**PLAN**

**PILE DATA**

TYPE: STEEL H PILES (HP 10x42)  
 W/METAL SHOES  
 CAPACITY: 55 TONS (DRIVEN TO REFUSAL)  
 ESTIMATED LENGTH: VARIES - SEE ELEVATION VIEW FOR TIP ELEVATIONS  
 NUMBER REQ'D: 461  
 (INCLUDES 4 TEST PILES)

**TEST PILES**

(4) TEST PILES SHALL BE DRIVEN AT PERMANENT LOCATIONS AS INDICATED ON PLANS BEFORE ORDERING REMAINDER OF PILES.

**PIPE UNDERDRAIN DATA:**

① STATION 158+00  
 OFFSET 38.75 RT  
 INV 650.00

**NOTES:**

- FOR RETAINING WALL TYPICAL CROSS SECTIONS, SEE SHEET S-09.
- PILE TIP ELEVATIONS WILL VARY ALONG WALL. PILE LENGTHS SHOWN HAVE BEEN GROUPED BASED UPON COMMON TOP OF ROCK ELEVATIONS. PILES MAY NEED TO BE CUT TO OBTAIN CORRECT TOP OF PILE ELEVATION (INCLUDED WITH DRIVING STEEL PILES).

**LEGEND**

- F.F. FRONT FACE OF WALL
- B.F. BACK FACE OF WALL
- R.O.W. RIGHT OF WAY
- VERTICAL PILE
- BATTERED PILE

NO.	DATE	REVISION	BY

S-03

WILL COUNTY DEPARTMENT OF HIGHWAYS  
 PLAINFIELD-NAPERVILLE ROAD (C.H. 14)  
 ROADWAY RECONSTRUCTION  
 RETAINING WALL  
 PLAN AND ELEVATION

McDonough Associates Inc.  
 Engineers/Architects

DESIGNED BY: JCE  
 CHECKED BY: AWW  
 DRAWN BY: JCE

SCALE:  
 N.T.S.

DRAWING ID: H:\03023\STRUCT\SI-S7 PLAN AND ELEVATION.DWG  
 PLOT DATE: 12/21/06 - 17:27 BY: jehhort