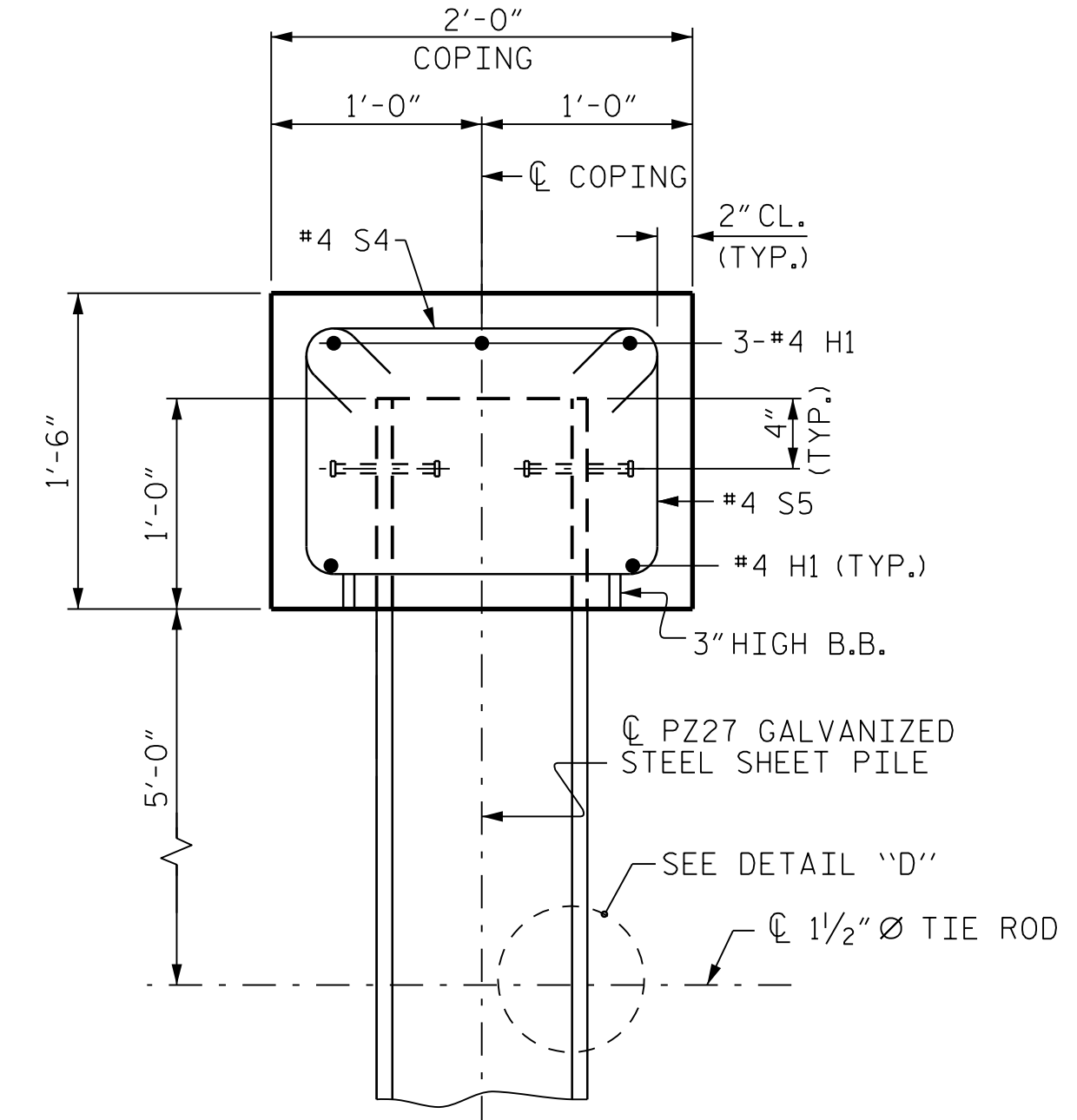
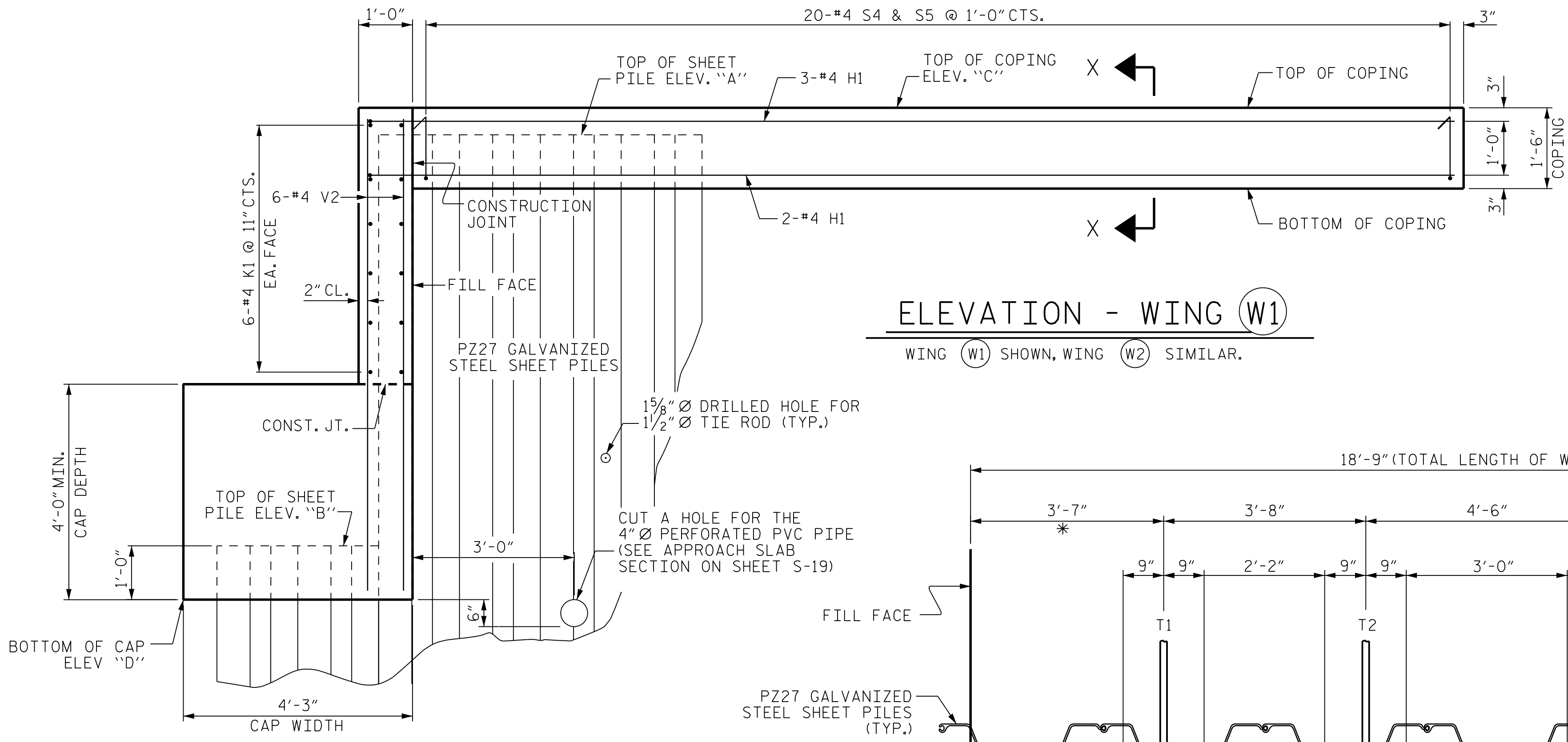


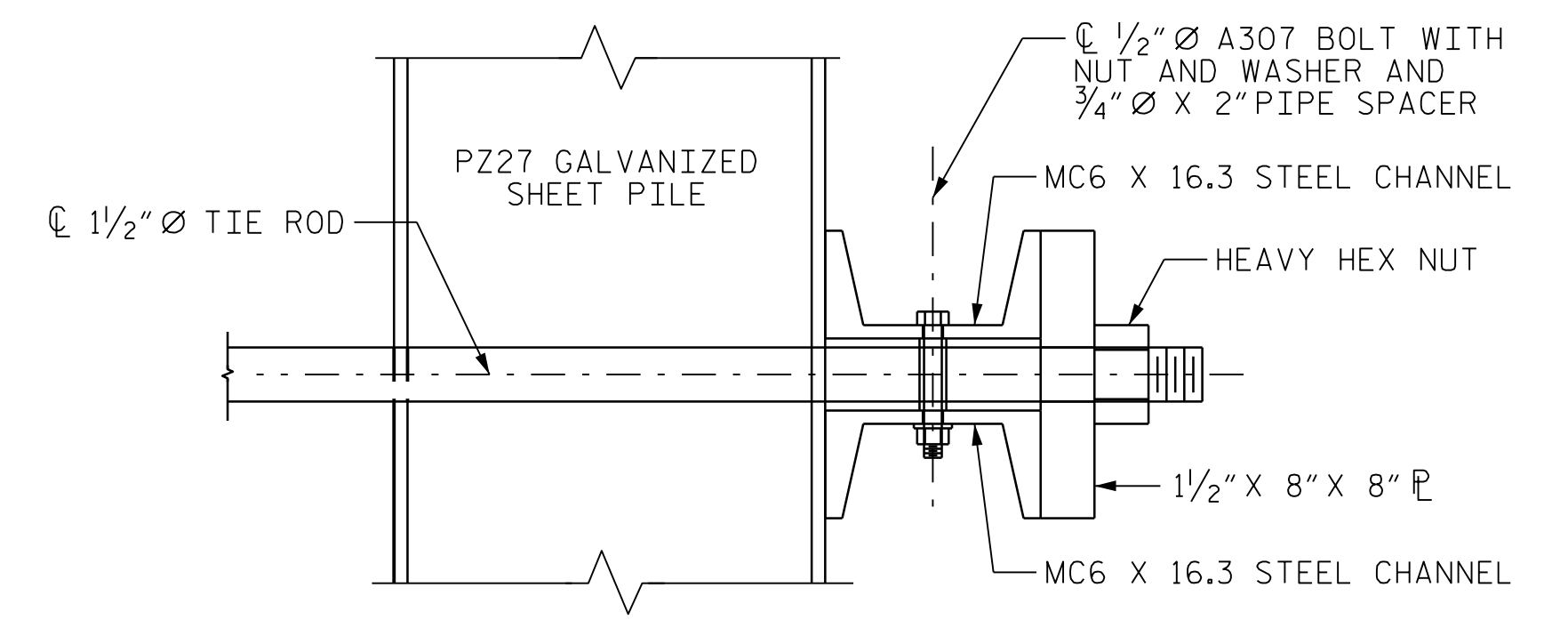
PLAN - WING (W1)
WING (W1) SHOWN, WING (W2) SIMILAR.



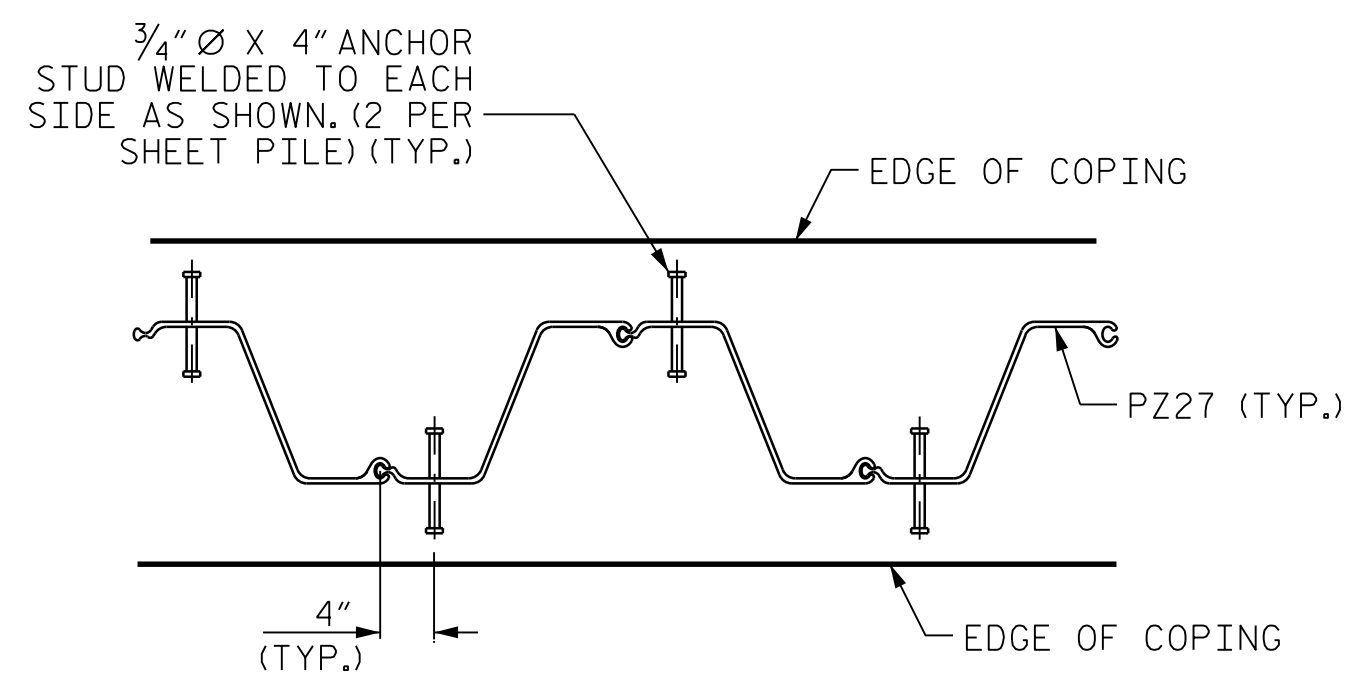
SECTION X-X
SHOWING ANCHOR STUDS AND ANCHORAGE SYSTEM
BURN 1/2" Ø MAX. HOLE IN SHEET PILE FOR #4 S4 BARS.



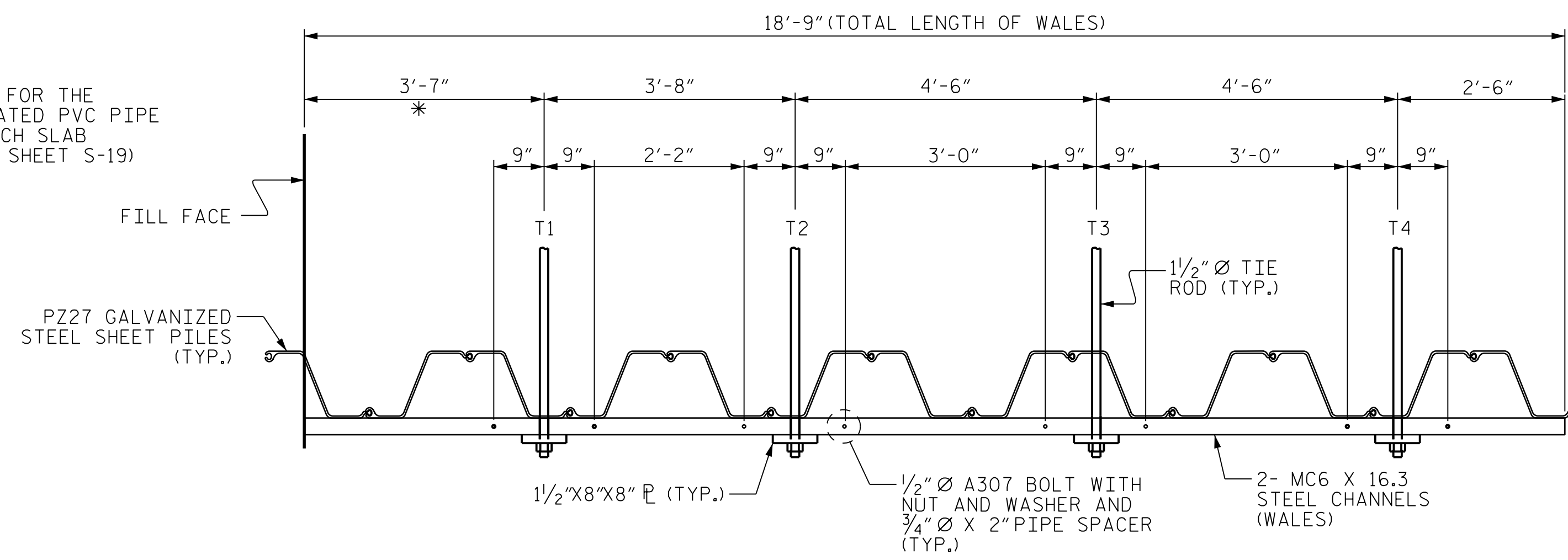
ELEVATION - WING (W1)
WING (W1) SHOWN, WING (W2) SIMILAR.



DETAIL "D"



ANCHORAGE LAYOUT
IN CONCRETE COPING



TIE ROD ANCHOR SYSTEM - (W1)
WING (W1) SHOWN, (W2) SIMILAR BY ROTATION

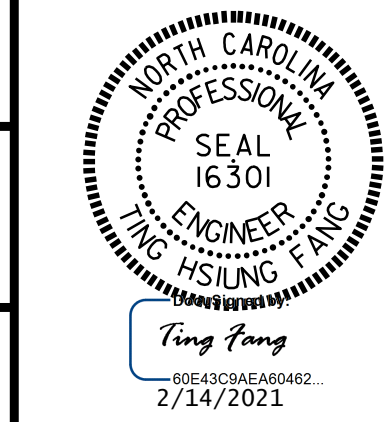
*FIELD VERIFY BEFORE BEGINNING OF CONSTRUCTION. ADJUSTMENT MAY BE MADE AS NECESSARY AND AS DIRECTED BY THE ENGINEER.

ELEVATION TABLE					
ELEVATION		"A"	"B"	"C"	"D"
END BENT 1	W1	67.32	60.14	67.82	59.14
	W2	67.32	60.14	67.82	59.14
END BENT 2	W2	67.11	59.94	67.61	58.94
	W1	67.11	59.94	67.61	58.94

PROJECT NO. B-5624
BRUNSWICK COUNTY
STATION: 17+46.00 -L-

SHEET 3 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUBSTRUCTURE
END BENTS 1 & 2
18" GALVANIZED STEEL
SHEET PILE
SYSTEM DETAILS



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-16
1			3			TOTAL SHEETS
2			4			20

CDM Smith
CDM SMITH
5400 Glenwood Avenue, Suite 400
Raleigh, NC 27612-3228
NC COA No. F-1255

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED
DRAWN BY: JJR DATE: 9/20
CHECKED BY: THF DATE: 10/20
DESIGN ENGINEER: VDK DATE: 11/20
DWG. No.