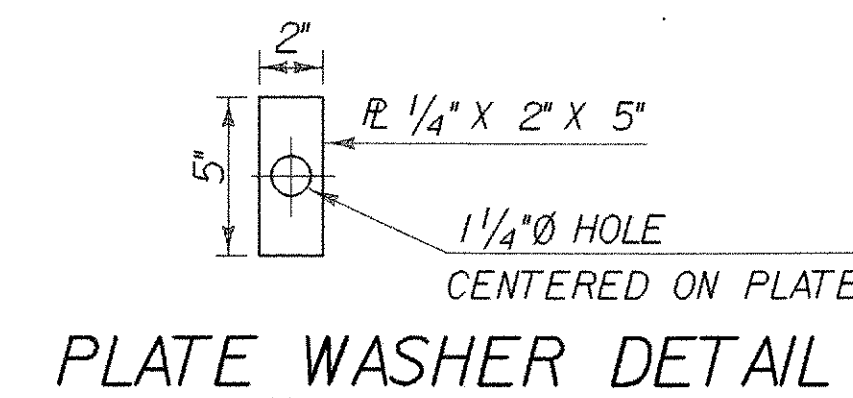
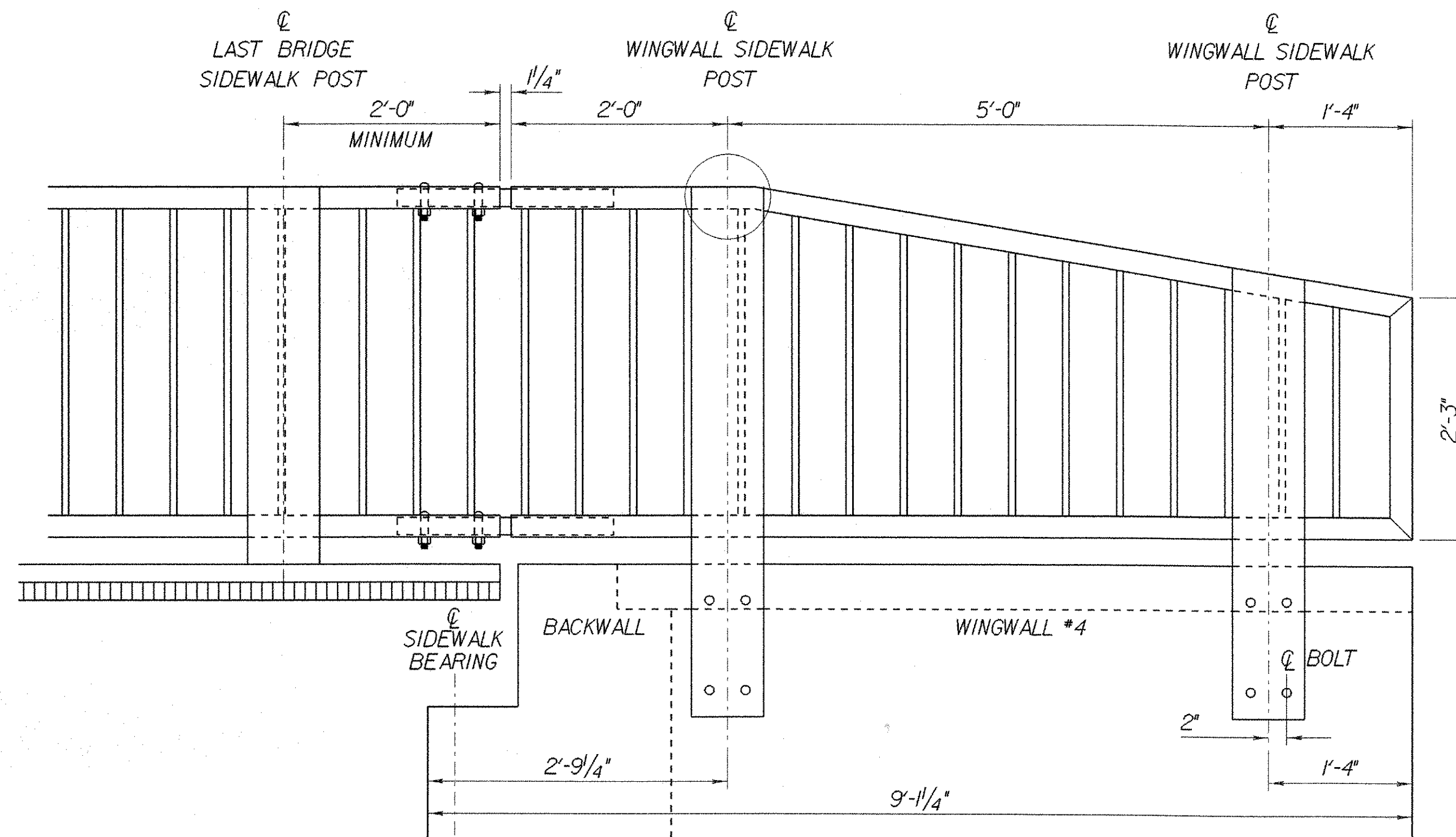
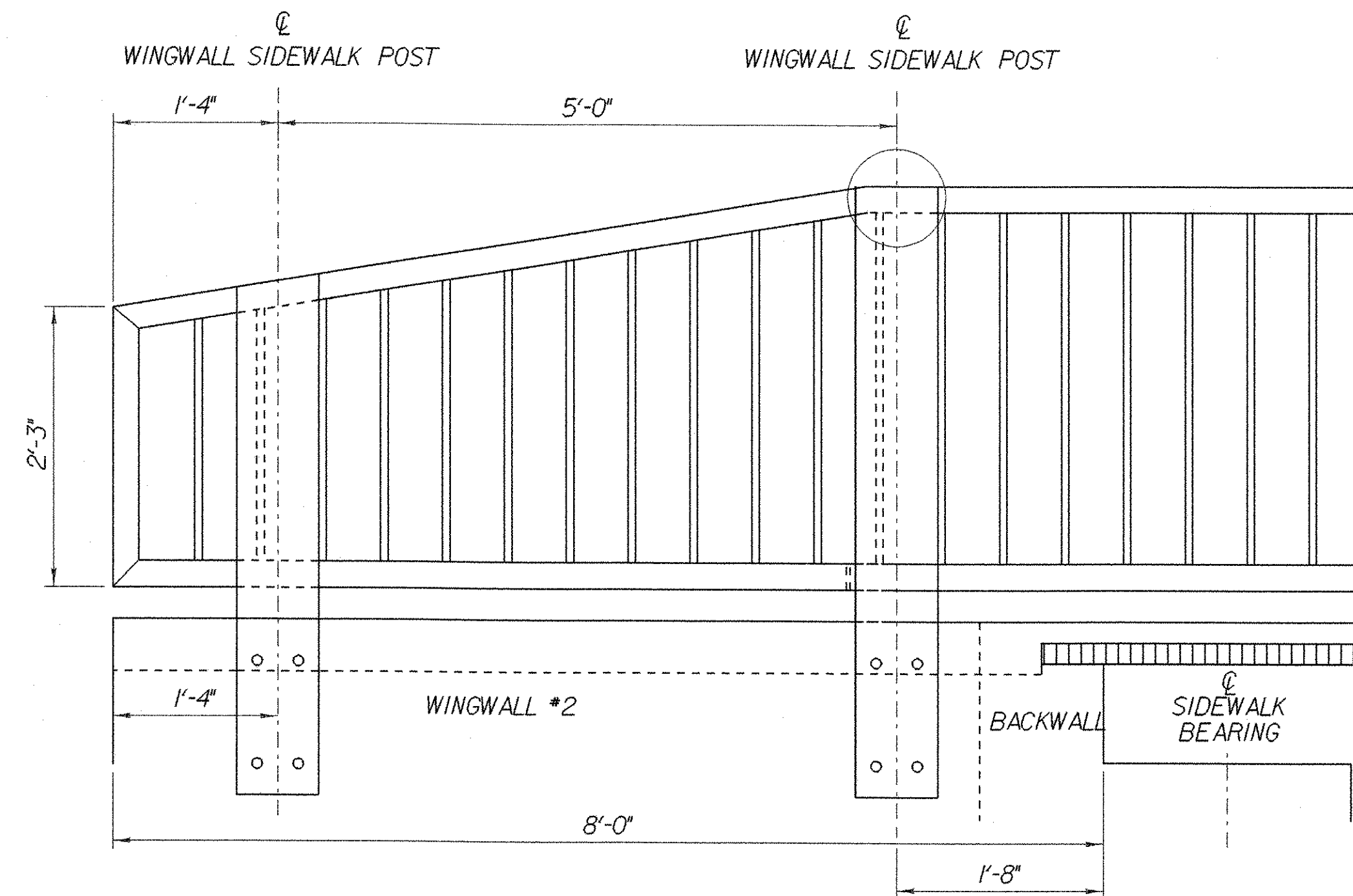


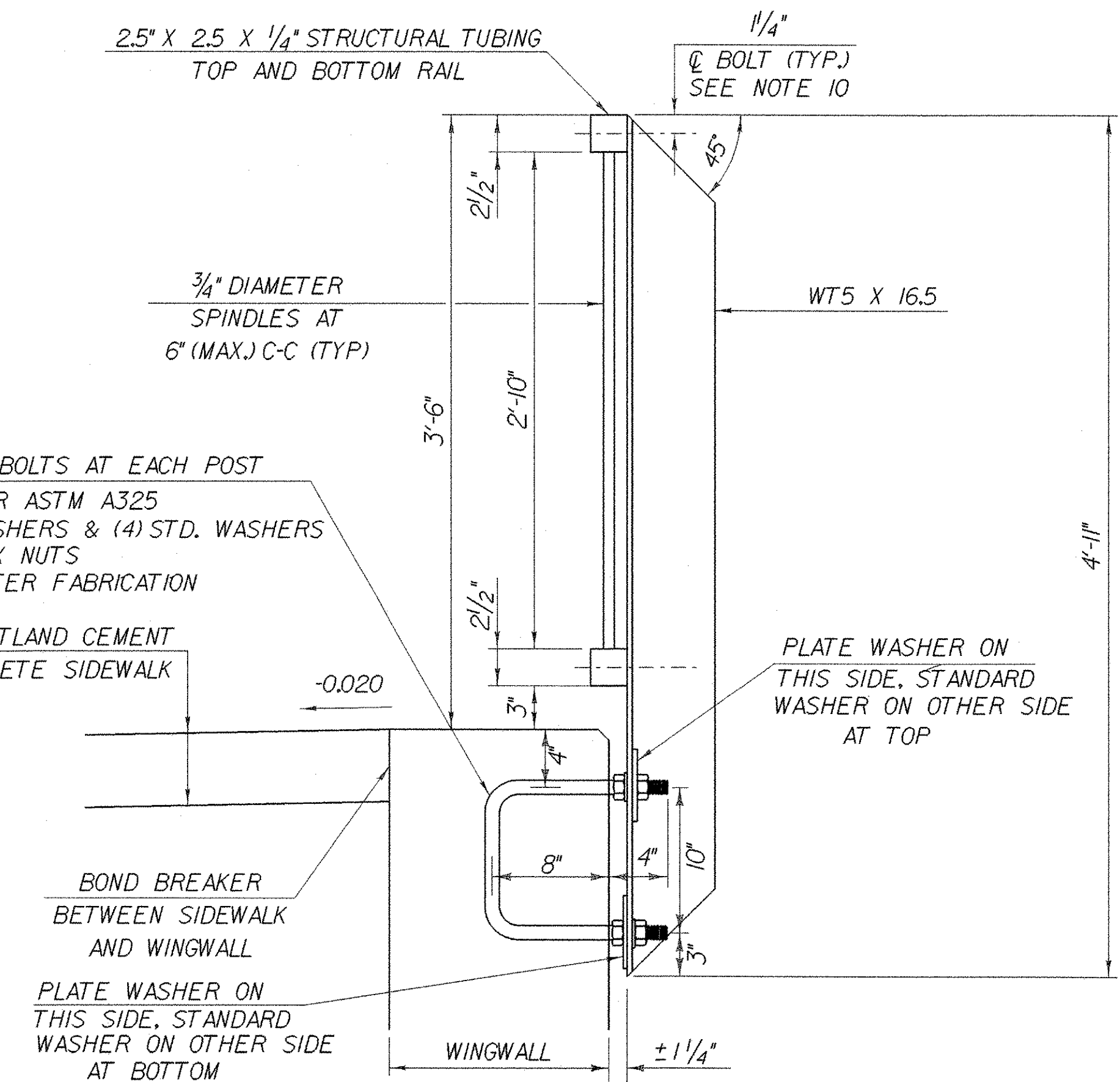
PEDESTRIAN RAIL TERMINATORS

SCALE 1" = 1'-0"
1 9 6 3 0 1 2



- (2) ~ 1" Ø "U" BOLTS AT EACH POST
- ASTM A449 OR ASTM A325
- (4) PLATE WASHERS & (4) STD. WASHERS
- (8) HEAVY HEX NUTS
- ALL GALV. AFTER FABRICATION

5" PORTLAND CEMENT CONCRETE SIDEWALK



PEDESTRIAN RAIL DETAIL AT WW#2 AND WW#4

SCALE 1 1/2" = 1'-0"
1 9 6 3 0 1

NOTES

- 1) ALL WORK AND MATERIALS SHALL CONFORM TO THE PROVISIONS OF SECTION 525 - RAILINGS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 2) THE PEDESTRIAN RAILING TERMINATOR SHALL BE INSTALLED ON BOTH APPROACHES. THE RAILING EXPANSION JOINT SHALL ONLY BE INSTALLED ON THE EXPANSION END OF THE BRIDGE. SEE SHEET 29 PEDESTRIAN RAILING EXPANSION JOINT DETAILS.
- 3) PEDESTRIAN RAILING SHALL BE PAID FOR UNDER ITEM 506.75 "STRUCTURAL STEEL (MOD. I PRE-FAB BRIDGE)".
- 4) TRUSS FABRICATOR TO PROVIDE PEDESTRIAN RAIL TO BRIDGE SIDEWALK CONNECTION DETAILS.
- 5) ALL EXPOSED CUT OR SHEARED EDGES SHALL BE ROUNDED TO A 1/16" RADIUS AND BE FREE OF BURRS. STRUCTURAL TUBES IN RAILING PANELS TO BE ROUNDED TO 1/8" RADIUS.

- 7) RAIL POSTS SHALL BE SET NORMAL TO GRADE.
- 8) PANELS OF RAIL TUBING SHALL BE ATTACHED TO A MINIMUM OF TWO RAIL POSTS AND PREFERABLY TO AT LEAST FOUR POSTS.
- 9) ALL PARTS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M111, EXCEPT THAT HARDWARE SHALL MEET THE REQUIREMENTS OF AASHTO M 232M/M 232. PARTS SHALL BE BLAST-CLEANED PRIOR TO GALVANIZING IN ACCORDANCE WITH SSPC-SP6.
- 10) RAIL TUBING MAY BE ATTACHED USING 5/8" DIA. AASHTO M164 (TYPE 1) OR 3/4" DIA. ASTM A 307, ROUND HEAD BOLTS INSERTED THROUGH THE FACE OF THE TUBING. HOLES IN POSTS SHALL BE 1/8" LARGER THAN BOLT SIZE.
- 11) DRAIN HOLES SHALL BE PROVIDED IN RAIL TUBING AT 6.5' INTERVAL.

MATERIALS

RAIL TUBING.....ASTM A500, GRADE B OR ASTM 501
RAIL POSTS.....ASTM A709/A709M GRADE 50
ALL OTHER SHAPES AND PLATES.....ASTM 709/709M, GRADE 36
ALL OTHER BOLTS (UNLESS OTHERWISE NOTED).....AASHTO M164, TYPE 1

NUTS FOR ASTM A307 BOLTS AND AASHTO M164 TYPE 1 BOLTS SHALL COMPLY WITH AASHTO M291.

WASHERS SHALL COMPLY WITH ASTM F436 SPECIFICATION.

NO CHARPY V-NOTCH TESTING REQUIRED FOR PEDESTRIAN RAIL.

PEDESTRIAN RAIL DETAILS

PROJECT NAME:	BARRE CITY	PLOT DATE:	16-JUN-2004
PROJECT NUMBER:	HDP 9281(1)	DRAWN BY:	K. RUTTER
FILE NAME:	s+r5/92j099/sj099pedrail.d	CHECKED BY:	T.A. SUMNER
DESIGNED BY:	K. RUTTER	SHEET	30 OF 58
	sj099pedrail2.1		