

SIDE ELEVATION
SCALE - $\frac{3}{8}$ " = 1'-0"

END ELEVATION
SCALE - $\frac{3}{8}$ " = 1'-0"

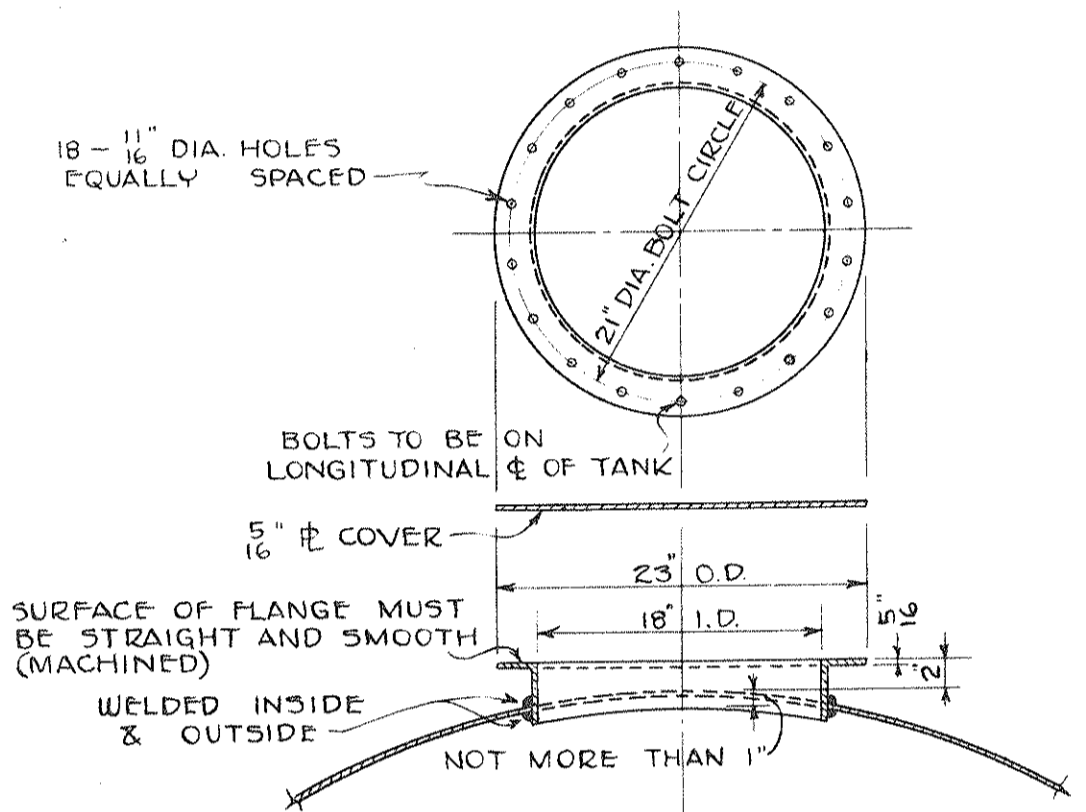
SPECIFICATION

TANKS: TANKS SHALL BE OPEN HEARTH TANK STEEL, FEDERAL SPECIFICATION QQ-S-711 CLASS A. SHELL SHALL BE NOT LESS THAN $\frac{5}{8}$ " THICK. HEAD SHALL BE OF ONE PIECE, NOT LESS THAN $\frac{5}{8}$ " THICK AND OF FLAT TYPE. SEAMS SHALL BE CONTINUOUS WELD. TANK SHALL HAVE ONE MANHOLE WITH COVER. MANHOLE SHALL BE NOT LESS THAN 18" INSIDE DIAMETER. MANHOLE FRAME AND COVER SHALL EACH BE $\frac{5}{8}$ " THICK. TANK SHALL HAVE 4 CONNECTIONS FOR 4" STANDARD PIPE. METAL THREAD PROTECTORS SHALL BE PROVIDED FOR THE 4-4" OPENINGS. PIPE CONNECTIONS AND MANHOLE SHALL BE ON LONGITUDINAL CENTER LINE OF TANK. STD. STEEL TANK FLANGED SHALL BE WELDED TO TANK FOR PIPE CONNECTIONS. FLANGED SHALL HAVE NOT LESS THAN $\frac{1}{4}$ " OF STANDARD THREADS.

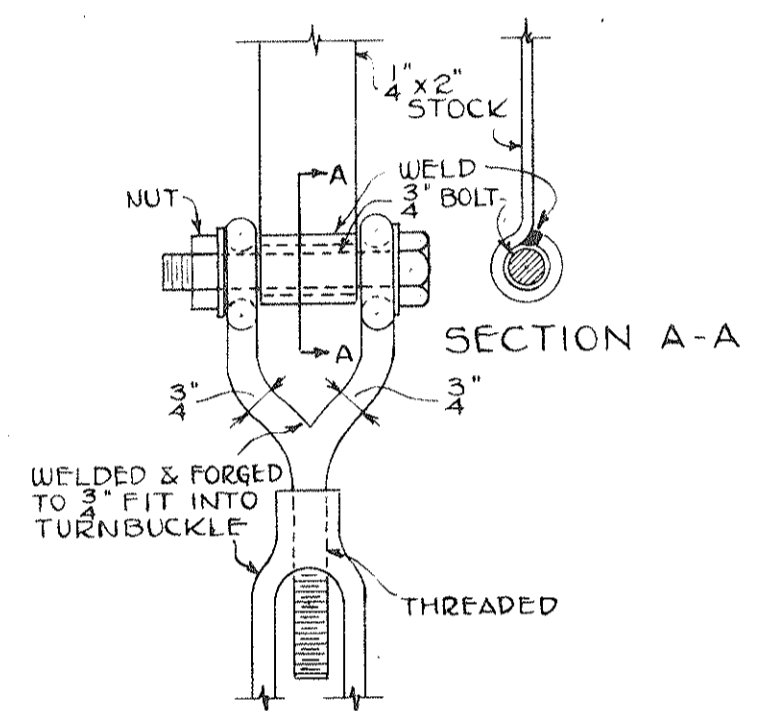
TESTS: BEFORE PAINTING, TANK SHALL BE TESTED AND PROVEN TIGHT AGAINST LEAKAGE UNDER A TEST PRESSURE OF NOT LESS THAN 5 NOR MORE THAN 10 POUNDS PER SQUARE INCH.

PAINTING: AFTER TANK IS TESTED IT SHALL BE CLEANED INSIDE AND OUTSIDE OF ALL OIL, DUST, SCALE, RUST, ETC., THOROUGHLY WIRE BRUSHED AND PAINTED ON OUTSIDE WITH TWO COATS OF RED LEAD CONFORMING TO FEDERAL SPECIFICATION TT-R-191A, 7-5-'38. TANK SHALL BE PLAINLY AND DURABLY MARKED OR STAMPED WITH NAME OF MANUFACTURER.

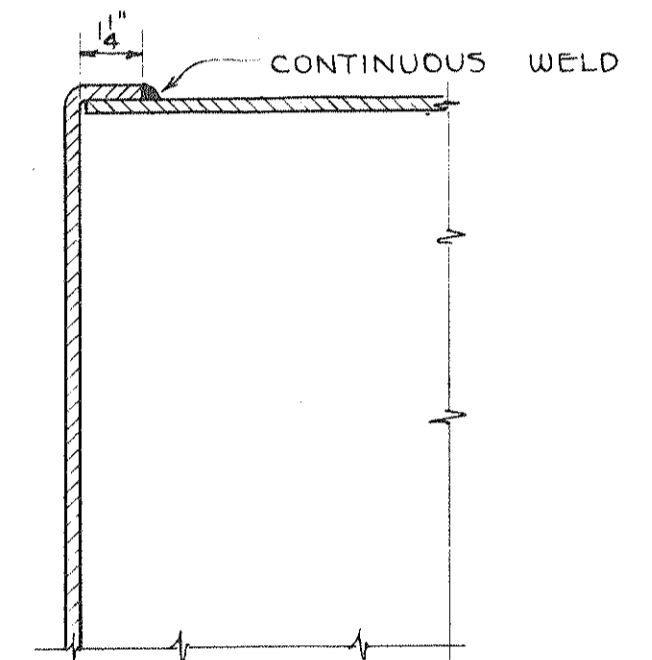
INSTALLATION: IF GROUND WATER REMAINS BELOW THE BOTTOM OF THE TANK, THE TANK SHALL BE INSTALLED ON 4 CONCRETE SADDLES. IF THE GROUND WATER RISES ABOVE THE BOTTOM OF THE TANK, THE TANK SHALL BE INSTALLED ON A CONCRETE MAT. THE MAT ELEVATION SHOWN IS GOOD FOR 4'-3" OF WATER ABOVE THE BOTTOM OF THE TANK. FOR EACH ADDITIONAL 6" OF WATER ADD 3 CU. YDS. OF CONCRETE TO SLAB OR SADDLES PER TANK.



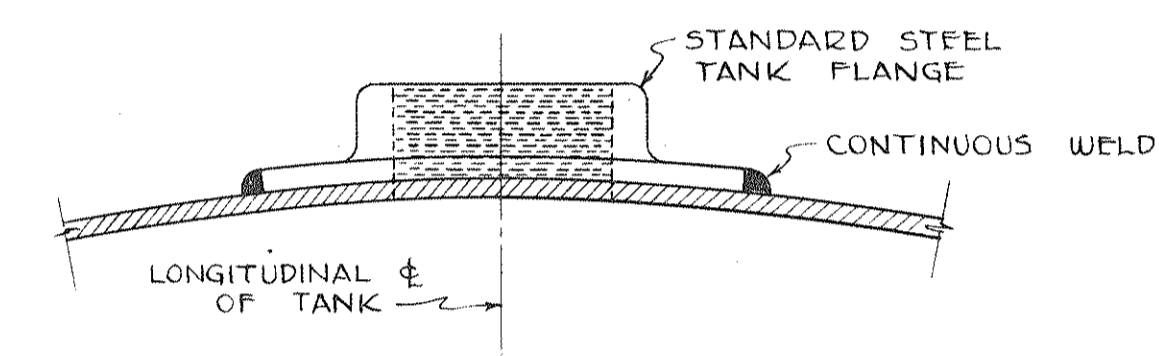
DETAIL OF MANHOLE
SCALE - 1" = 1'-0"



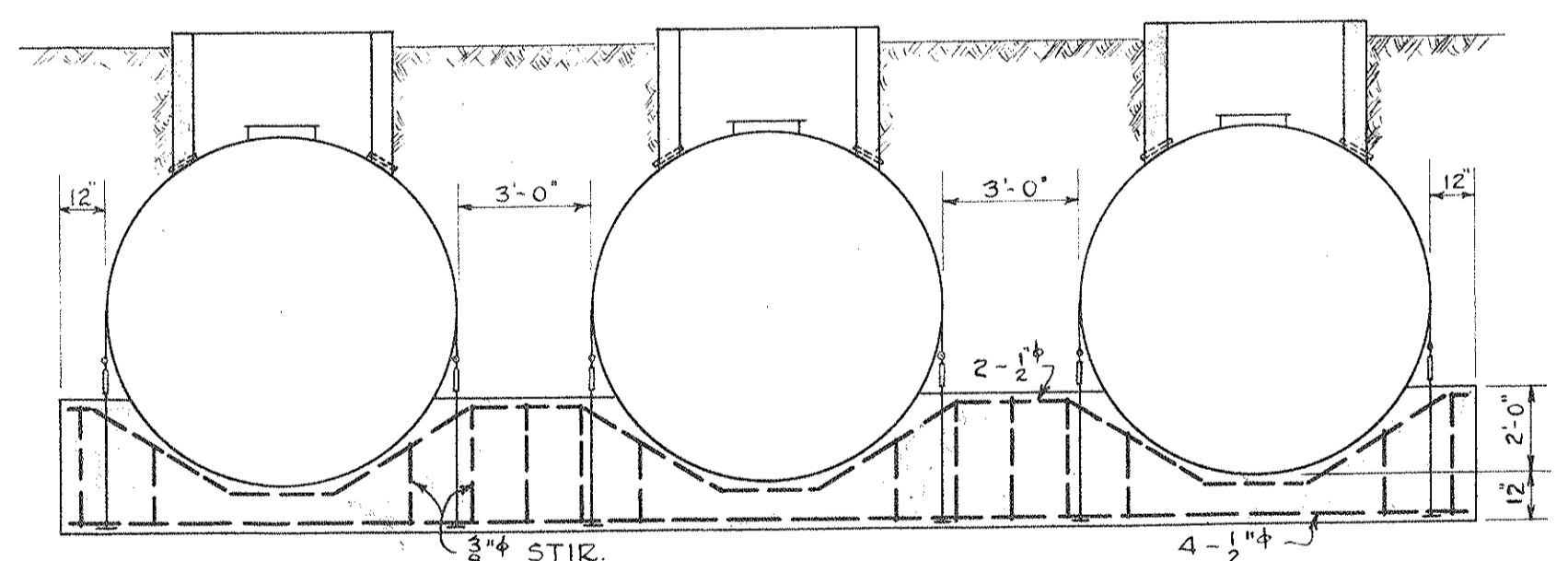
DETAIL OF STRAP CONNECTION TO TURNBUCKLE
SCALE - 3" = 1'-0"



DETAIL OF HEAD SEAMS
SCALE - 3" = 1'-0"



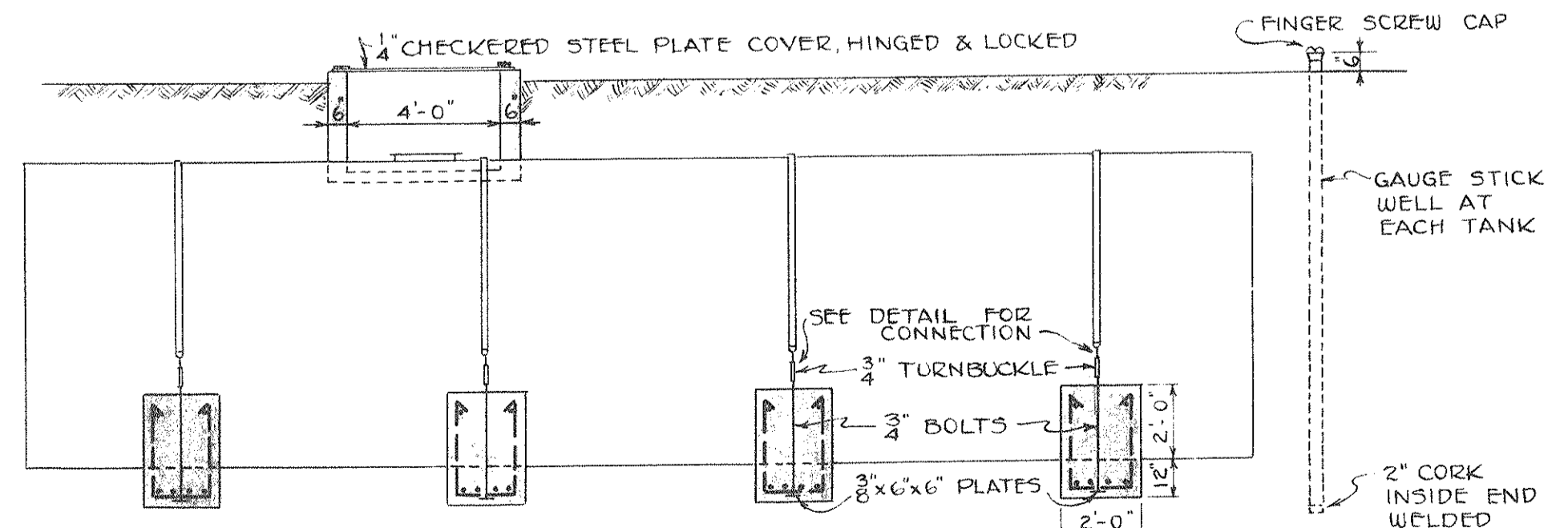
DETAIL OF PIPE CONNECTION
SCALE - 3" = 1'-0"



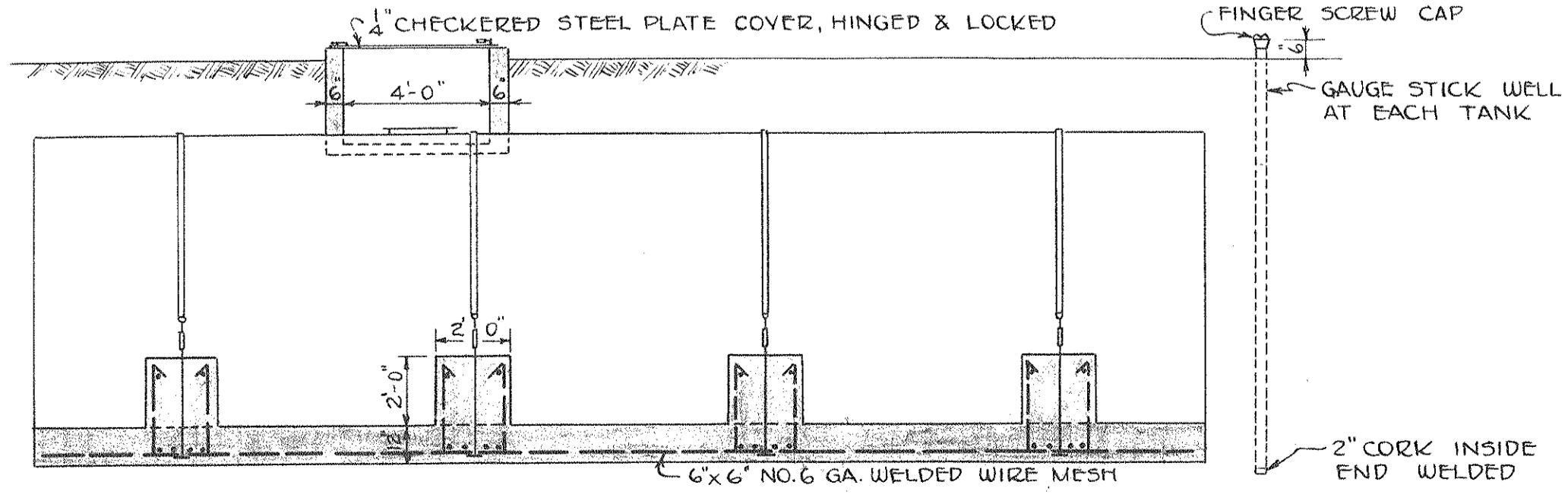
END ELEVATION
SCALE - $\frac{1}{4}$ " = 1'-0"



CONTINUOUS WELDED SEAMS
SCALE - 6" = 1'-0"



ELEVATION - SADDLES
SCALE - $\frac{1}{4}$ " = 1'-0"



ELEVATION - MAT
SCALE - $\frac{1}{4}$ " = 1'-0"

TANK INSTALLATION

THIS DRAWING SUPERSEDES DWG. #691-121

SCALE		CONSTRUCTION DIVISION	
AS SHOWN		OFFICE OF THE QUARTERMASTER GENERAL	
REVISIONS		STANDARD HORIZONTAL TANK	
		NON PRESSURE TYPE	
		12,000 U.S. GALLONS CAPACITY	
		FOR GASOLINE OR OIL	
DRAWN BY	CHECKED BY	APPROVED BY DIRECTION	DATE
STOTT	<i>M. J. Wallis</i>	<i>Elmer J. Wallis</i>	JULY 16, 1940
TRACED BY		MAJOR, Q.M.C.	PLAN NUMBER
			691-134