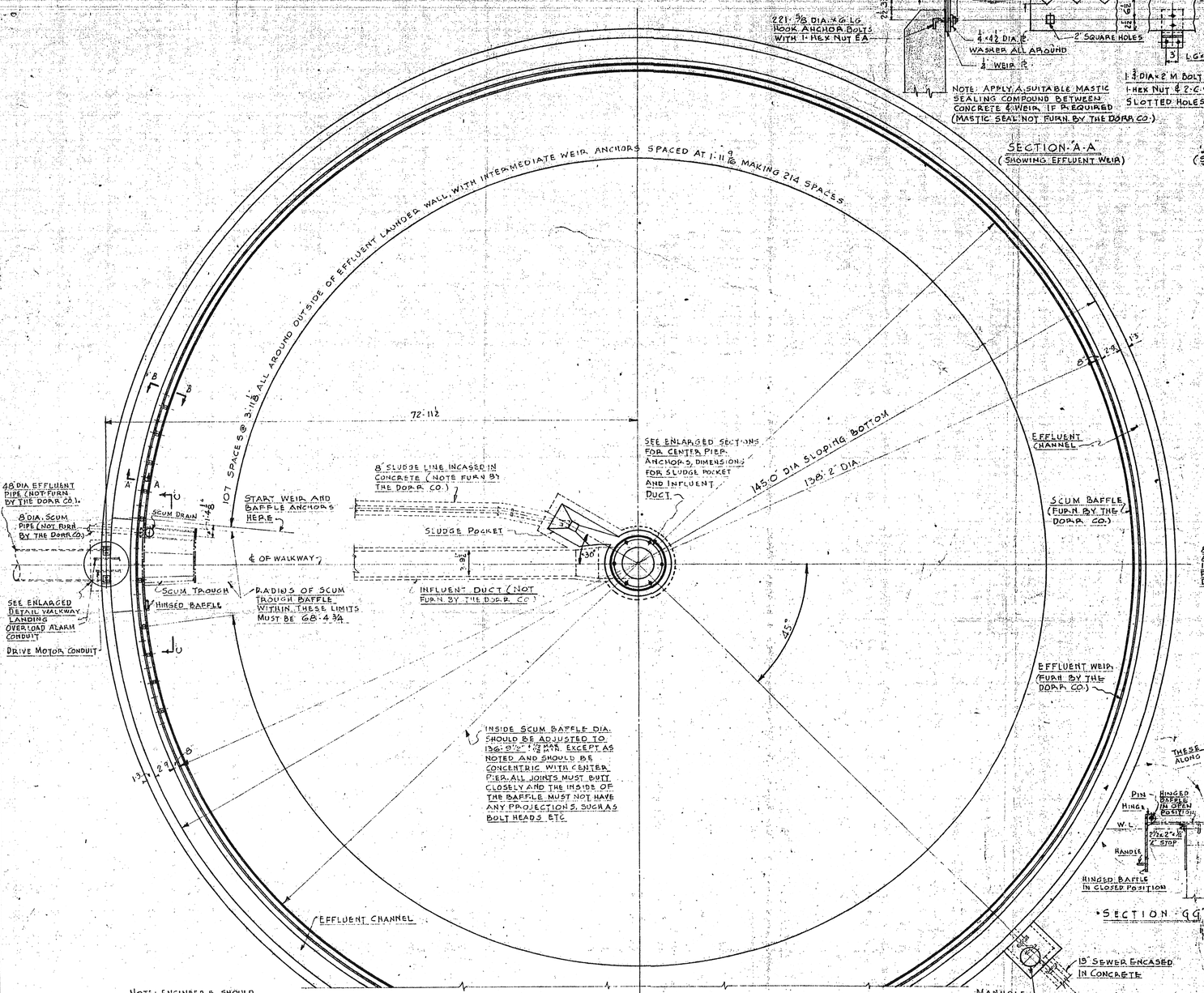
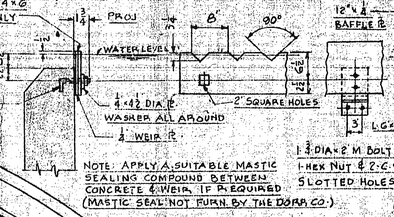
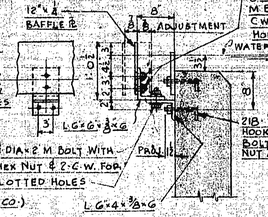
NEP-748 NR10552

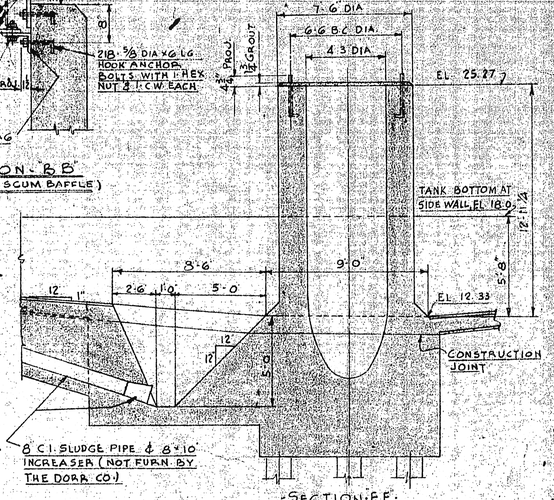




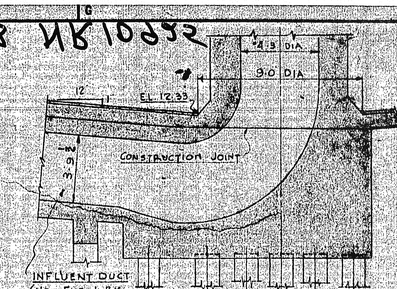
SECTION A-A
(SHOWING EFFLUENT WEIR)



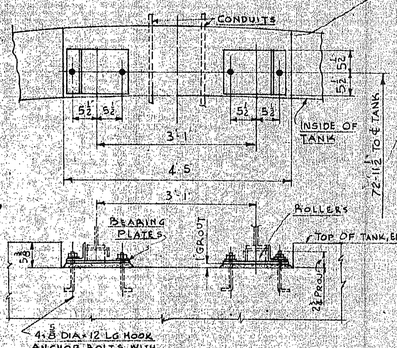
SECTION B-B
(SHOWING SCUM BAFFLE)



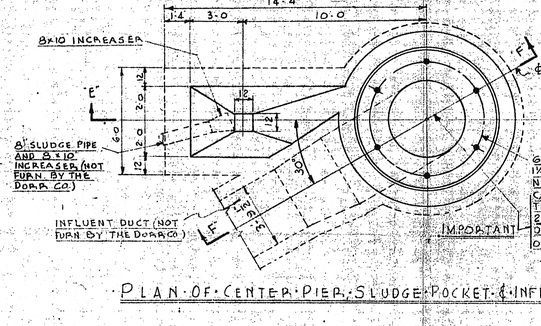
SECTION E-E



SECTION F-F



ENLARGED DETAIL OF WALKWAY LANDING



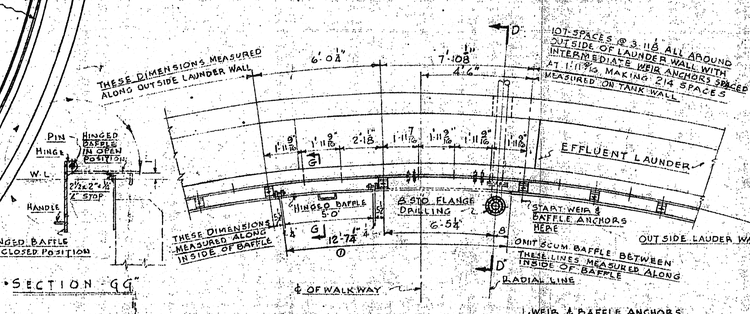
PLAN OF CENTER PIER, SLUDGE POCKET & INFLUENT DUCT

LOADS DUE TO MECHANISM						
TANK DIA (FT)	TORQUE ON CENTER PIER (FT. LBS)	VERTICAL LOADS (LBS)				
		MECH. DEAD LOAD		MECH + 25% LIVE		
		END OF WALKWAY	CENTER PIER	END OF WALKWAY	CENTER PIER	
145'-0"	72,000	3400	47,500	6300	51,000	

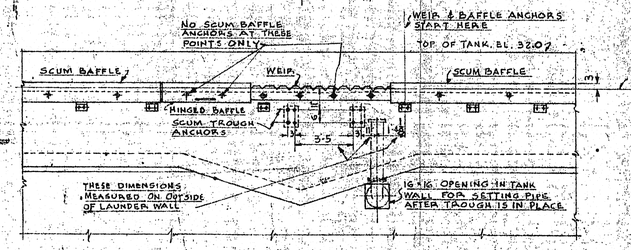
NOTE:
THE DORR CO FURNISHES MECHANISM TO FIT TANK OF DIMENSIONS GIVEN, BUT IS NOT RESPONSIBLE FOR THE DESIGN OF CONCRETE. CUSTOMER WILL PROVIDE ALL NECESSARY REINFORCING STEEL FOR TANK AND CENTER PIER, AND DETERMINE SIZE AND PLACEMENT OF FOOTINGS TO SUIT LOCAL CONDITIONS.

THE DORR CO FURNISHES: EFFLUENT WEIR, SCUM BAFFLE, HINGED SCUM BAFFLE PLATE AND ANCHORS FOR SAME, ANCHOR BOLTS FOR CENTER SUPPORT, ANCHOR BOLTS FOR WALKWAY, SCUM TROUGH AND ANCHORS.

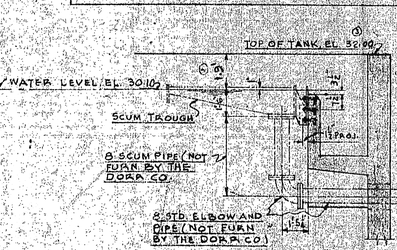
THE DORR CO. DOES NOT FURNISH: PIPING, GROUT, CONCRETE, OIL OR GREASE FOR LUBRICATION, WIRING OR CONDUIT BETWEEN MOTOR, CONTROLS AND ALARMS.



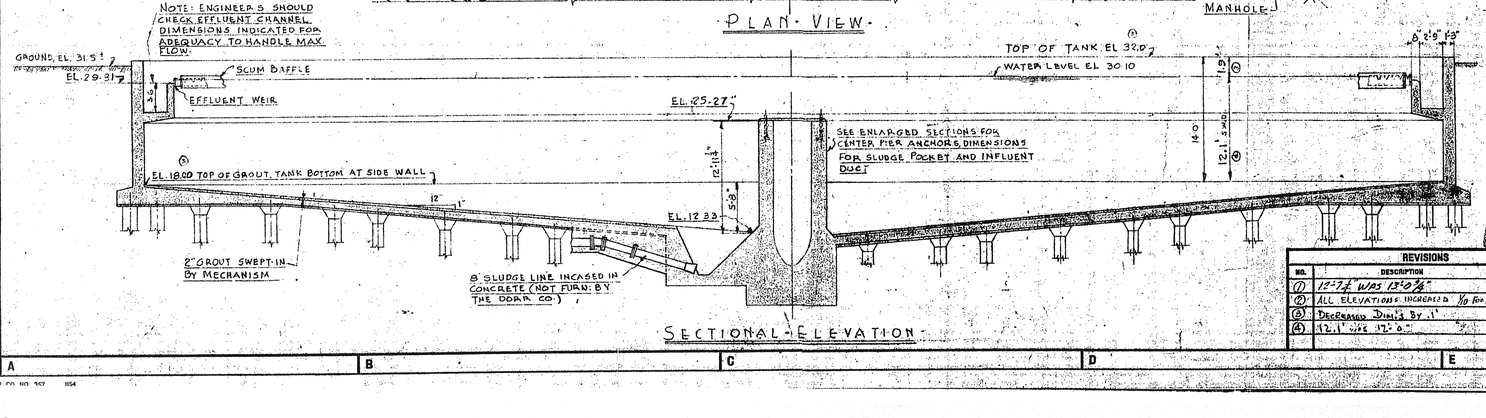
SECTION G-G



VIEW C-C



SECTION D-D



SECTIONAL ELEVATION

REVISIONS				
NO.	DESCRIPTION	SECT	DATE	BY
①	12'-7¾" WAS 13'-0⅜"	F3	4-1-53	RL
②	ALL ELEVATIONS INCREASED ½ FOOT	--	5-15-53	RL
③	DECREASED DIM'S BY ¼"	--	6-11-53	RL
④	12'-1 5/16" TO 12'-0"	--	"	"

SENT TO DENVER 4-6-53 MADE FROM

	DATE	BY
DRAWN	3-29-53	CONDARIS
TRACED		
CHECKED	5-9-1953	JBL
APPROVED		
MAT. LIST	ON ORDER 34205	

TITLE: THE DORR CLARIFIER 145'-0 DIA x 12'-11 S.W.D. ④ - CONCRETE DRAWING

TYPE S-T (PRAM.) SCALE ⅛" = 1'-0"

THE DORR COMPANY
ENGINEERS
ENGINEERING DEPARTMENT STAMFORD, CONN.

ISSUED JUN 26 1953 SHEET NO. 30615

ORDER NO. 34205

DRAWINGS AND ERECTION INSTRUCTIONS SHOULD BE CAREFULLY FOLLOWED DURING ASSEMBLY AND ERECTION. THE DORR COMPANY DOES NOT AUTHORIZE ANY CHANGES, ADDITIONS, OR CORRECTIONS TO EQUIPMENT TO BE MADE IN THE FIELD FOR THEIR ACCOUNT UNLESS SUCH CONTEMPLATED WORK IS BROUGHT TO THEIR ATTENTION BEFORE BEING DONE AND A WRITTEN ORDER FOR SUCH WORK GIVEN BY AN AUTHORIZED REPRESENTATIVE OF THE DORR COMPANY.

REQUIREMENTS FOR ONE MACHINE ONLY

NEP-748

1-51-b-2