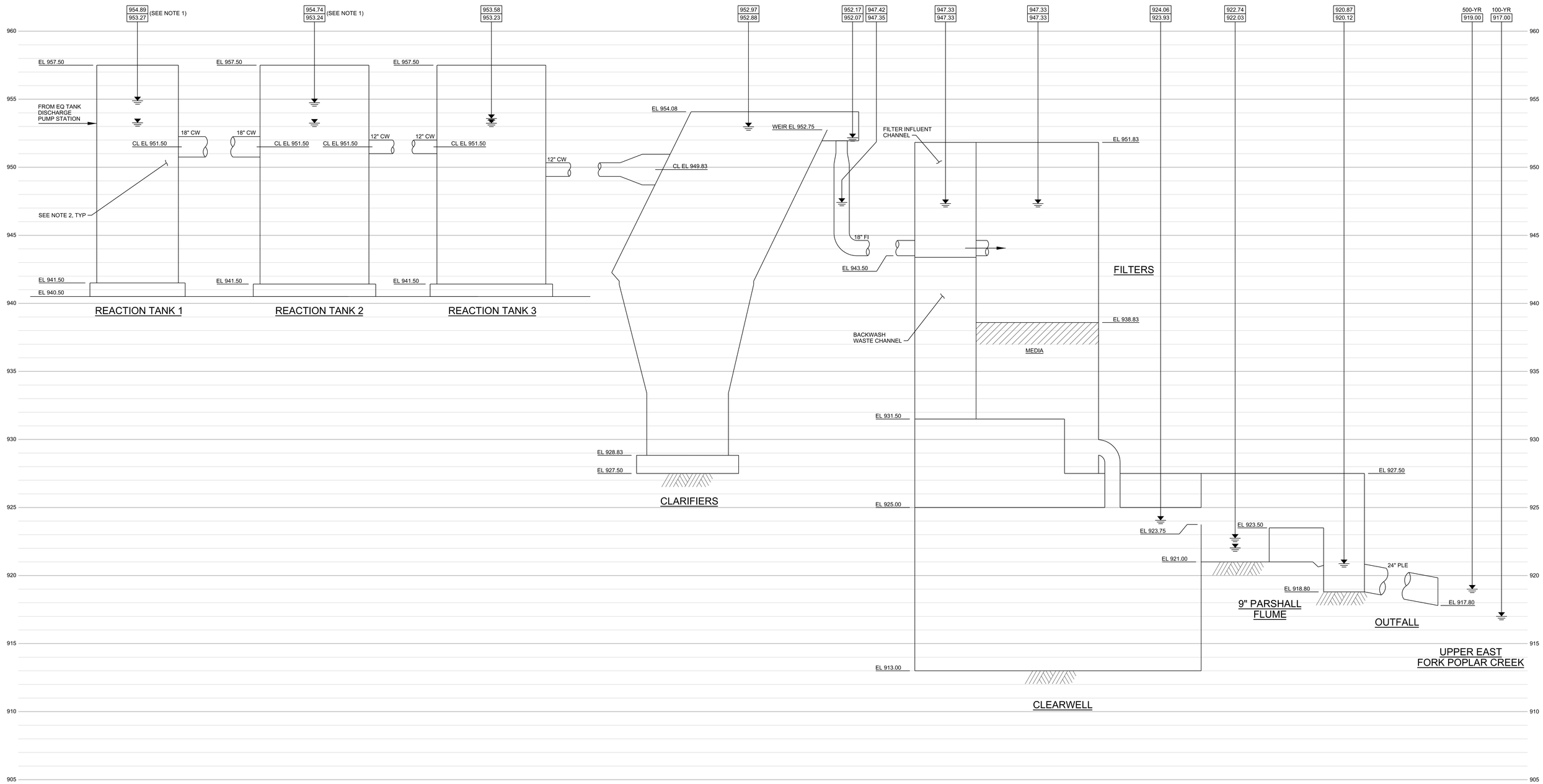

TREATMENT BUILDING HYDRAULIC PROFILE

3/8"=1'-0" (VERT SCALE)

KEY

WSEL = WATER SURFACE ELEVATION

XXX.XX — WSEL @ MAX FLOW (3,400 ± GPM)
XXX.XX — WSEL @ MAX FLOW (1,700 ± GPM)

NOTE: OUTFALL FLOW RATES ARE 3,000 GPM MAX/1,350 GPM AVG.

NOTES:

1. TANK WSEL'S ASSUME 6" MIXER HEADLOSS FOR DIP TUBE MIXER ON TANK 2.
2. DIP TUBES ON TANK EFFLUENT ARE NOT SHOWN.

UCOR URS | CH2M Oak Ridge LLC

OF200 Mercury Treatment Facility

Designed by URS|CH2M Oak Ridge LLC (UCOR) for the Department of Energy.
Oak Ridge Office of Environmental Management
under U. S. Government contract DE-SC-0004645

Y-12 National Security Complex managed and operated by Consolidated Nuclear Security, LLC for the Department of Energy under U.S. Government contract DE-NA0001942
« Oak Ridge, Tennessee »

DRW	C SCHNEE	06/16/17
CHKR	Q WANG	06/16/17
DE	S POLSON	06/16/17
DVR		
DM	L ELLIS	06/16/17
PE	Teresa J. Pierce, P.E.	

RPE

PROJECT NAME:
OF200 MERCURY TREATMENT FACILITY

GENERAL
TREATMENT FACILITY
HYDRAULIC PROFILE

USE	DISC	DT	DC	CM	SYSTEM	STAT	SIZE	BLDG	FL	CLASS
3	M	X	X	NC	FAC	AR	E	9410-01	A	U

SH.	OF	TYPE		PART	REV
1	1	DD	M941001-F-0007	000	0

662886

PART	REV	DESCRIPTION	DRW	CHKR	DE	DVR	DM	DATE
	0	ISSUED FOR CONSTRUCTION	CS	QW	SP		LE	06/2017

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK: WE AR CV ST HV EM FP PD EE IE M NP — DRAWING APPROVALS — DATE

ISSUED FOR CONSTRUCTION

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