

THE CHESAPEAKE & OHIO RAILWAY COMPANY		
WATER TREATMENT PLANT STRUCTURE NO. 99 AT HINTON		
SUMMERS COUNTY	---	WEST VIRGINIA
HINTON DIVISION	---	NEW RIVER SUBDIVISION
SCALE: 3/16" = 1 FOOT	COPYRIGHT BY:	08/2010
CIRCA: 1972	WILLIAM E. SIMONTON III	©

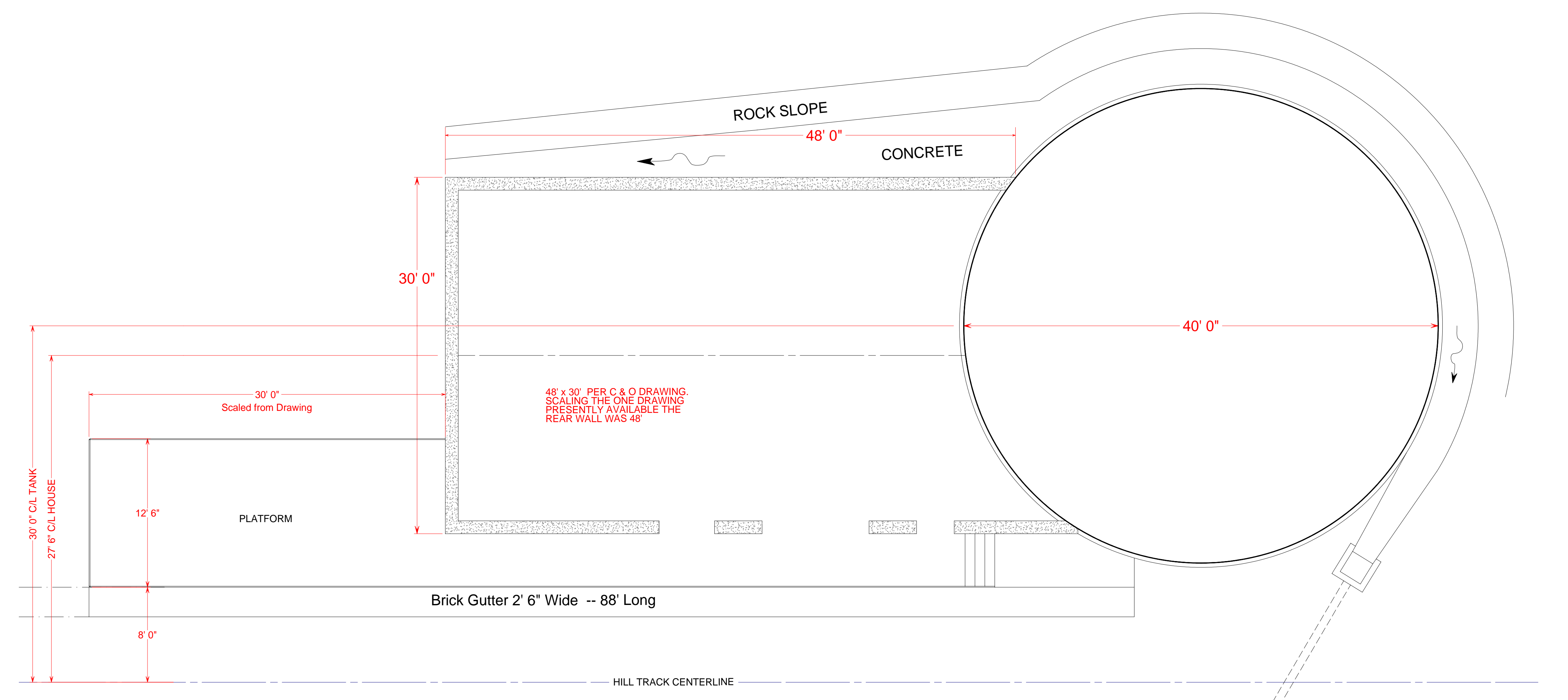
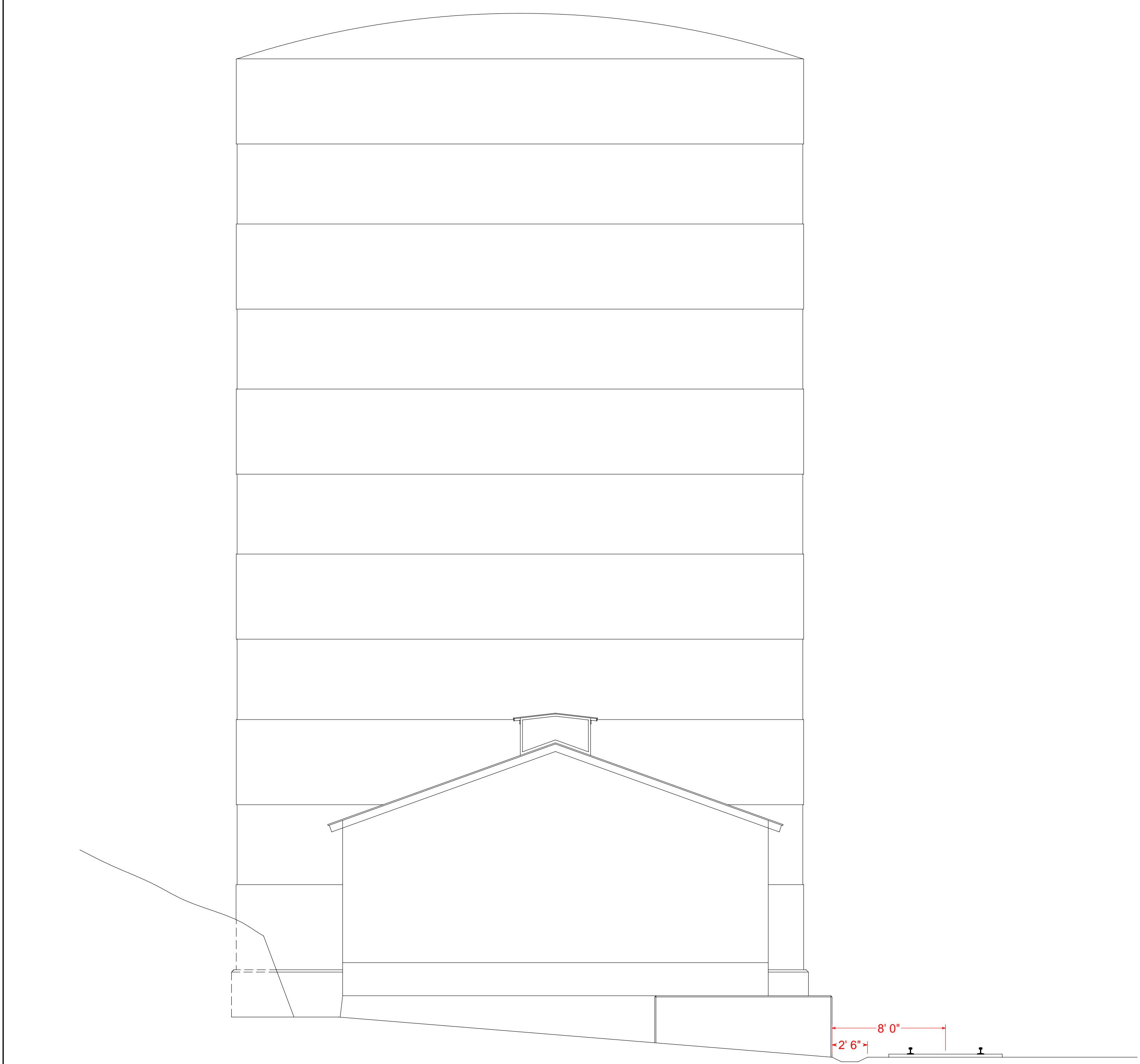
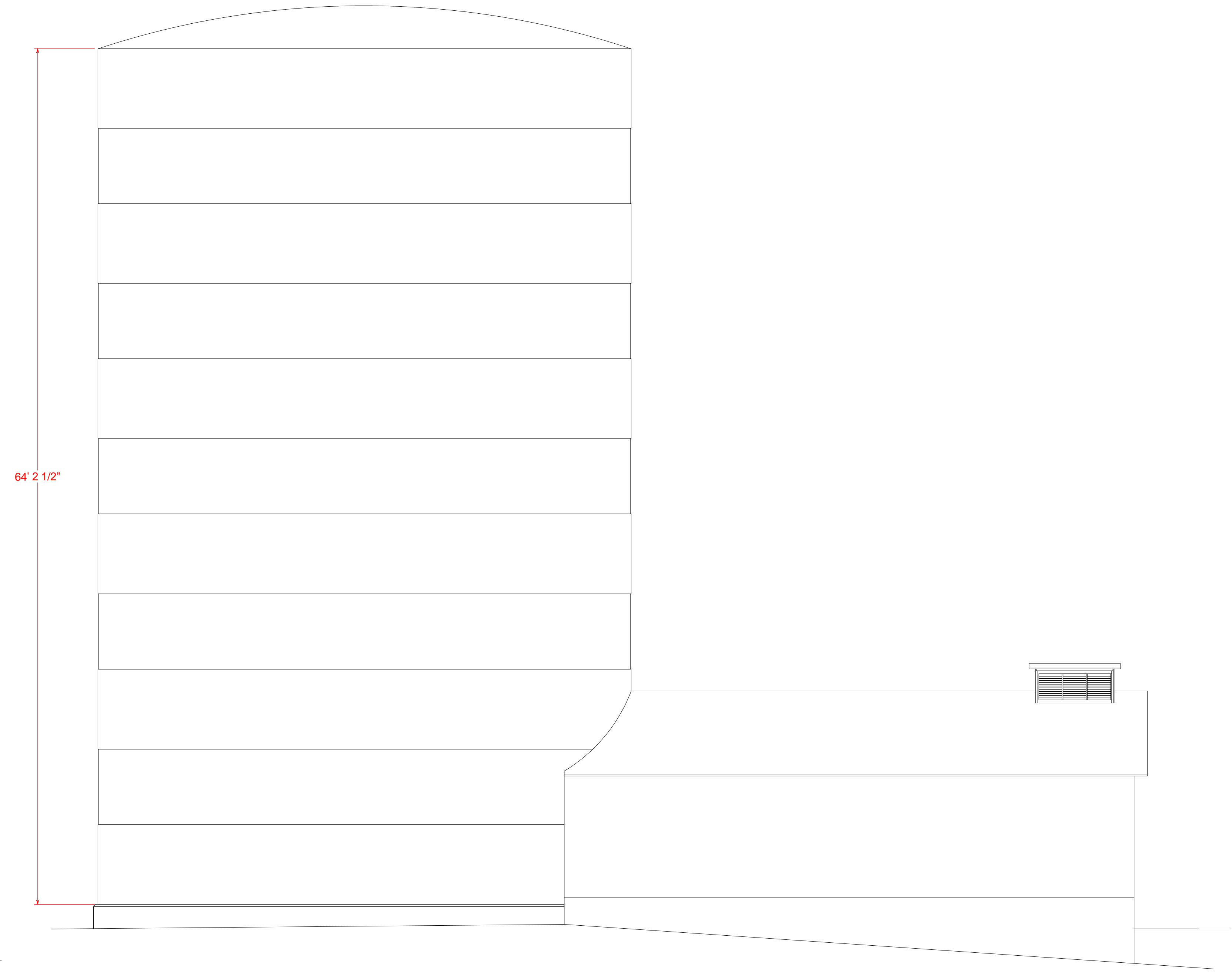
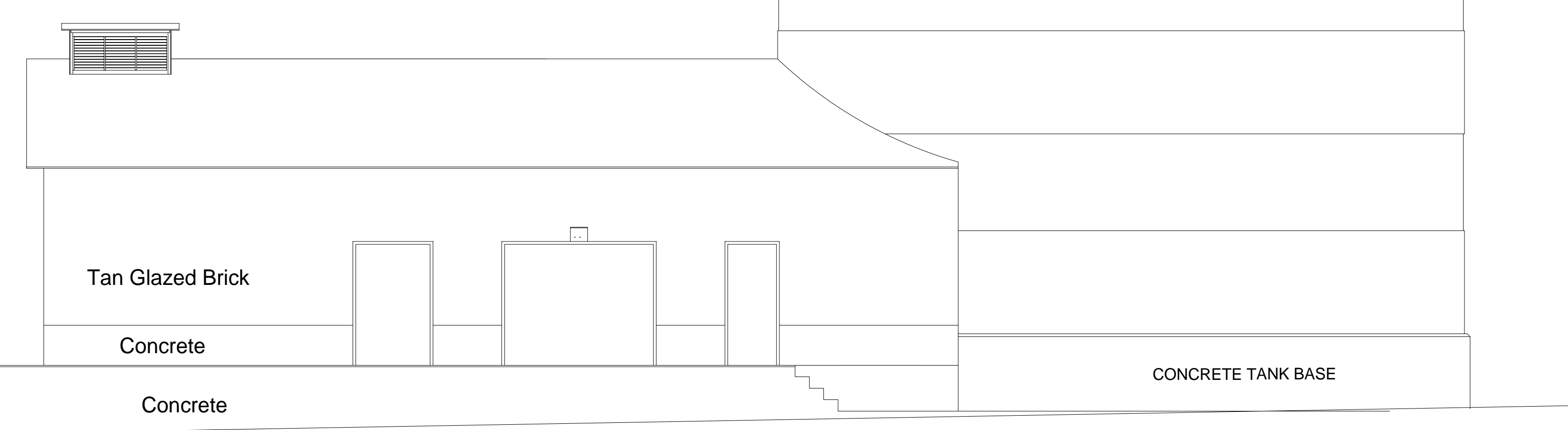
EXCEPT FOR STATED DIMENSIONS THIS DRAWINGS REPRESENTS THE GENERAL APPEARANCE OF THE WATER TREATMENT PLANT BASED UPON PHOTOS, AND WILL BE SUBJECT TO FURTHER RESEARCH.

BOTTOM RING OF WATER TANK APPEARS TO BE 6' 0" HIGH. HIGHER RINGS EXTRAPOLATED FROM THE BOTTOM TWO BASED ON PHOTO WITH AUTHOR'S 6' 0" SCALE LEANING AGAINST BOTTOM SEGMENT.

PHOTO CONFIRMS ELEVEN BANDS IN WATER TANK. TANK MEASURES 64' 2 1/2" HIGH PER C & O DWG. I DO NOT KNOW IF THAT IS MAX HEIGHT OR TO TOP OF ELEVEN RING SEGMENTS. BASED ON MY PHOTO I HAVE DRAWN IT AS TO TOP OF RINGS AND DO NOT INCLUDE THE DOMED TOP AS PART OF THE 64' 2 1/2". THE TANK IS RATED AT 600,000 GALLONS. A CALCULATION WITH A 40' DIAMETER TANK INDICATES THAT A 64' HEIGHT (OF RINGS) WOULD RESULT IN 601,579 GALLON CAPACITY WHICH SUPPORTS THE AS DRAWN APPEARANCE, BUT DOES NOT ALLOW FOR THE CAPACITY OF THE CONCRETE BASE WHICH WOULD APPEAR TO BE ABOUT 4' DEEP. YOUR GUESS IS AS GOOD AS MINE.

HEIGHTS OF WALLS AND ROOF SCALED FOM PHOTO AFTER BUILDING RAZED BUT TANK REMAINED.

DRAWING ASSUMES TYPICAL C & O 7' 0" DOORS.



48' x 30' PER C & O DRAWING. SCALING THE ONE DRAWING PRESENTLY AVAILABLE THE REAR WALL WAS 48'