

# SWING GATE AND BOTTOM ROLLER GATES

## TABLE OF ELEVATIONS, DIMENSIONS AND MEMBER SIZES

		GATE NO. 1 SWING GATE	GATE NO. 2 BOTTOM ROLLER GATE	GATE NO. 3 BOTTOM ROLLER GATE
ELEVATIONS	( A )	14.25	13.50	13.50
	( B )	13.50	10.00	10.00
	( C )	9.50	14.00	14.00
	( D )	20.00	9.83	9.83
	( E )	19.25	14.50	14.50
DIMENSIONS	( G )	2' - 8 7/8"	1' - 10 3/8"	1' - 10 3/8"
	( H )	7 1/2"	11 3/16"	11 3/16"
	( J )	N/A	2' - 6"	2' - 6"
	( K )	2' - 0"	1' - 2 5/8"	1' - 2 5/8"
	( L )	24' - 0"	75' - 0"	75' - 0"
	( M )	32' - 0"	62' - 0"	62' - 0"
	( N )	2' - 0"	1' - 10 3/4"	1' - 10 3/4"
	( P )	N/A	67' - 6"	67' - 6"
MEMBERS	( R )	W14X26	W27X94	W27X94
	( S )	W14X26	W27X94	W27X94
	( T )	N/A	N/A	N/A
	( U )	PL 1/2X4	N/A	N/A
	( V )	PL 1/2X14	N/A	N/A
	( W )	TS14X6X3/8	N/A	N/A

## PILE SCHEDULE

GATE NO.	NUMBER OF PILES	PILE BATTER	TIP EL.	PAYMENT LENGTH		SPACING	
				FLOOD SIDE	PROTECTED SIDE	FLOOD SIDE	PROTECTED SIDE
1							
2							
3							

**NOTES:**

1. ELEVATIONS ARE IN FEET AND REFER TO NATIONAL GEODECTIC VERTICAL DATUM. (N.G.V.D.)
2. THIS PLATE IS TO BE USED IN CONJUNCTION WITH PLATES

COMPUTER  
AIDED  
DESIGN  
DRAFTING

LAKE PONTCHARTRAIN, LA. AND VICINITY  
HIGH LEVEL PLAN  
DESIGN MEMORANDUM NO. 20 GENERAL DESIGN  
ORLEANS PARISH - JEFFERSON PARISH  
17TH. STREET OUTFALL CANAL  
( METAIRIE RELIEF )

SWING GATE AND  
BOTTOM ROLLER GATE

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS  
CORPS OF ENGINEERS

DATE: \_\_\_\_\_ FILE NO. H-2-30300

PLATE

FILE NO. 30300SA19.DGN  
FORM SIZE 1  
DRAWN BY B.DORCEY