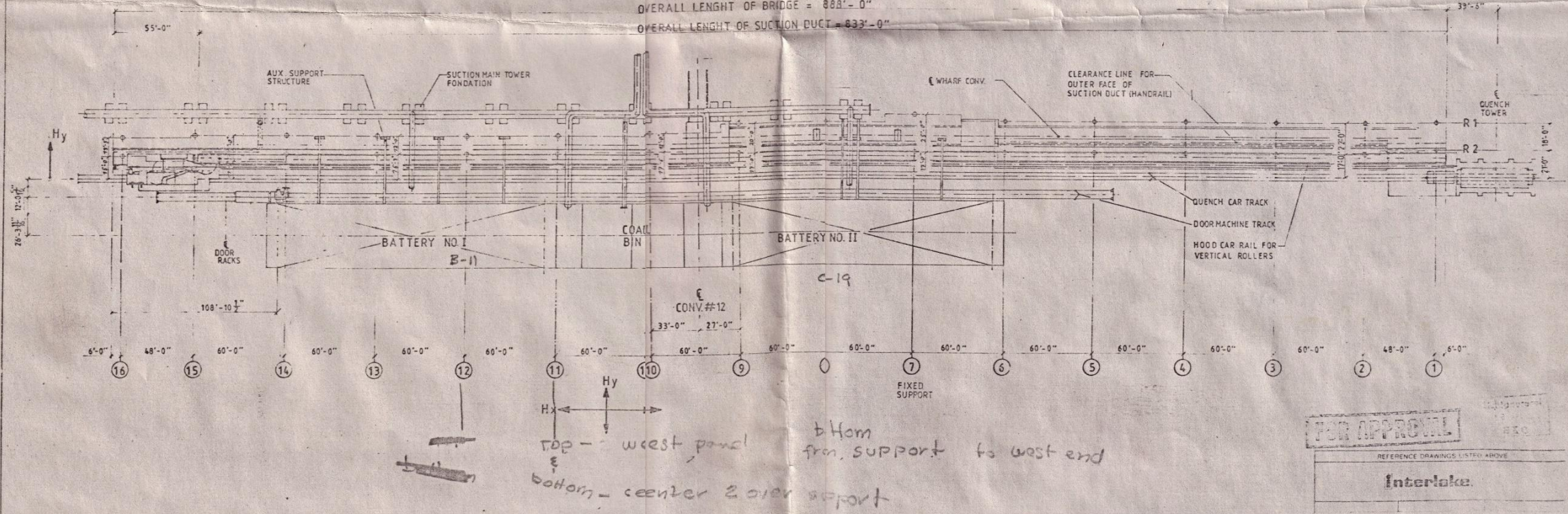


		SUPPORT MEMBERS															
NO		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	MAX VERTICAL LOADS	R1	-12.0	+2.5	+3.0	+3.6	+3.6	+2.5	+2.5	+7.5	+9.9	+15.9	+15.9	+9.9	+15.9	+23.0	+3.7
	(INCL WIND & BRAK LOADS)	R2	+242.2	+453.5	+442.6	+447.6	+447.6	+447.6	+477.3	+477.3	+477.3	+587.3	+587.3	+587.3	+445.5	+64.5	+123.4
2	MIN VERTICAL LOADS	R1	-706.2	-744.8	-747.2	-747.2	-747.2	-78.5	-170.3	-179.3	-236.7	-265.5	-265.5	-185	-265.5	-704.8	-767.4
	(INCL WIND & BRAK LOADS)	R2	+48.6	+42.9	+47.9	+47.9	+47.9	+47.9	+33.9	+42.2	+43.2	+47.2	+36.7	+36.7	+16.1	+36.7	+23.7
3	HORIZONTAL LOADS	R1Hy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R2Hy	+22.4	+4.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4	+46.4
4	HORIZONTAL LOADS FROM BUMPING	R1Hx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R2Hx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	VERTICAL LOADS FROM BUMPING	R1	-9.3	+5.3	-	-	-	-	-	-	-	-	-	-	-	+2.3	-
		R2	+22.3	-78.3	-	-	-	-	-	-	-	-	-	-	-	-75.4	+20
6	HORIZONTAL LOADS (MAX) FROM TEMPERATURE	R1Hx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R2Hx	+70	+19.7	+76.7	+75.9	+75.0	+74.2	+82.2	+74.8	+75.3	+73.5	+79.5	+29.2	+0.8	+21.5	+76.7
7	HORIZONTAL LOADS (MIN) FROM TEMPERATURE	R1Hx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		R2Hx	-76.5	-27.9	-24.7	-27.8	-27.1	-26.3	-68.7	-76.1	-78.0	-24.4	-25.9	-28.2	-0.4	-32.7	-25.4
	R1																
	R2																
	R1																
	R2																

ALL LOADS SHOWN IN KIPS. 1 KIP = 1000 LBS. ALLOWANCE ± 10%

OVERALL LENGTH OF BRIDGE = 888'-0"  
OVERALL LENGTH OF SUCTION DUCT = 633'-0"



FOR APPROVAL

REFERENCE DRAWINGS LISTED ABOVE

Interlake

CHICAGO COKE PLANT - # 1 AND 2 BATTERIES  
PUSHING EMISSION CONTROL SYSTEM  
FOUNDATION PLAN

	DRAWING NO. 82 020 006 1 1
	2 006 0006

REVISION: FOUNDATION LOCATION AND LOADS COMPLETELY CHANGED ALL 17-88 C.M.

FEB-23-75