

NAME 28th ST. PIER

Class _____ Course _____ Party _____

WATSON, VALLE & GOUGH

465

1991

FIELD NOTES

No. 403 P

ESPECIALLY ADAPTED

TO THE USE OF

ENGINEERING STUDENTS

EUGENE DIETZGEN Co.

MANUFACTURERS

DRAWING MATERIALS

MATHEMATICAL AND SURVEYING INSTRUMENTS

MEASURING TAPES

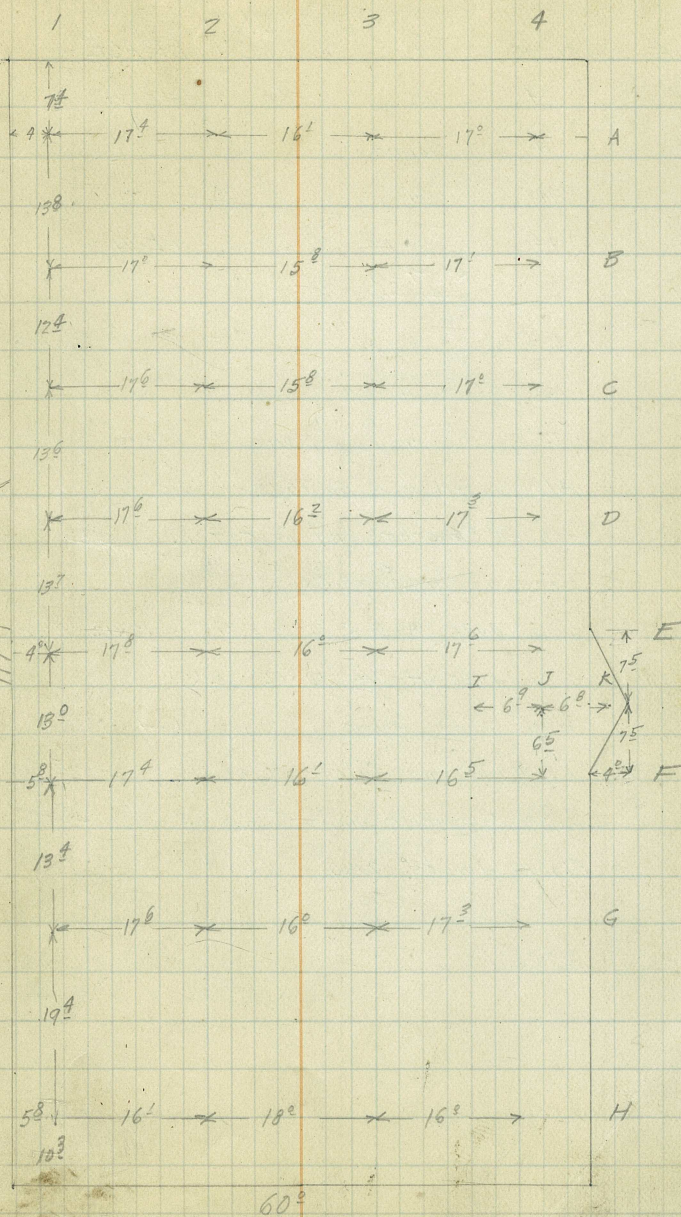
CHICAGO SAN FRANCISCO NEW YORK
NEW ORLEANS PITTSBURGH

MICROFILMED

DEC 30 1964

PILE	SIZE	CONDITION		BRACE
		PILE	CONC.	
A-1	14"	Rotted off	Fair	S-E-W
A-2	14"	Sound	"	S-E-N-W
A-3	14"	Sound	"	S-E-N-W
A-4	14"	Sound	"	N-E-W
B-1	14"	Nearly off	"	S-E-W
B-2	14"	Sound	"	"
B-3	14"	Sound	"	"
B-4	14"	Nearly off	Cracked	N-E-W
C-1	14"	"	Fair	S-E-W
C-2	14"	Sound	Good	"
C-3	14"	"	"	"
C-4	14"	Nearly off	Fair	N-E-W
D-1	14"	Rotten	"	S-E-W
D-2	14"	Sound	"	E-W
D-3	14"	"	"	"
D-4	14"	"	Cracked	N-E-W
E-1	14"	off	Fair	S-E-W
E-2	14"	Sound	"	E-W
E-3	14"	"	"	"
E-4	14"	Nearly off	"	N-E-W
F-1	14"	"	"	S-E-W
F-2	14"	Sound	"	"
F-3	14"	"	"	"
F-4	14"	off	"	N-E-W
I-J-K	14"	Rotten	"	None

Replace with
new pile.



PILE	SIZE	CONDITION		BRACE	
		PILE	CONC.		
G-1	14"	off	Fair	S-E-W	
G-2	14"	Sound	"		
G-3	14"	"	"		
G-4	14"	Nearly off	"	N-E-W	Replace
H-1	12"	Rotten			Concrete fire mud line.
H-2	12"	R "			
H-3	12"	R "			
H-4	12"	R "	None	None	Replace

All North and South bracing fits in top of concrete and is rotten.

Size of bracing 4x6"

Girders Caps over A-B-G-D-E-F-G is 12x12 Fair Condition

" Cap over H is 10x12, O.K.

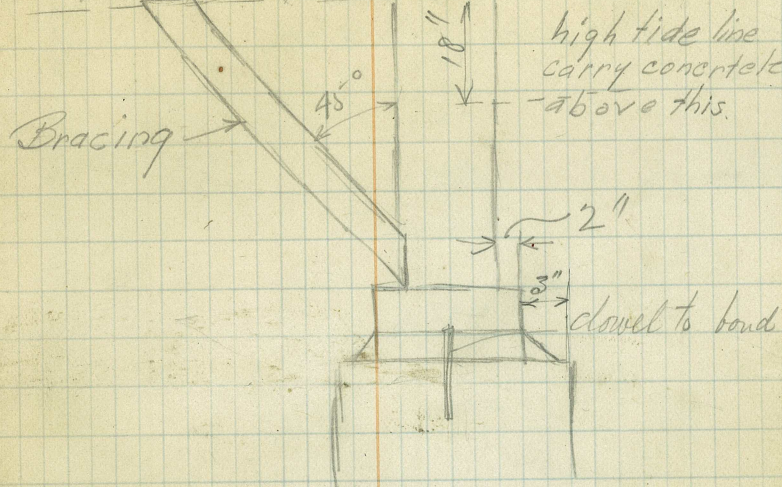
High Tide Appr. 1' below bottom of Cap

All interior piles - Conc. is Appr. 2' below Cap

" Exterior " - " " " 4' "

Floor Joists 2x10 - O.K.

Cap runs short
axis of Pavilion



Replace cracked Concrete & Timber
" Rotten Timber

Replace H-piles

East Cantilever Joists. 2x10 Span 8' 20" c-c

$$f_s = \frac{M}{S} = \frac{100 \times 20 \times 8 \times 8 \times 12 \times 6}{12 \times 2 \times 2 \times 10 \times 10} = 1820 \#/\text{sq}''$$

West Cantilever. 2x12 Span 10' 20" c-c

$$f_s = \frac{100 \times 20 \times 10 \times 10 \times 12 \times 6}{12 \times 2 \times 2 \times 12 \times 12} = 2100 \#/\text{sq}''$$

Place one row of
creosoted piles without concrete.
All new piles similar.

Hubbard & Brower
Mar. 8. 28.

