FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

125/181

LAKE COUNTY
LAH-6/5-3.26

32'-0" ℄ joints (Unit 5) | 32'-0" ℄ joints (Unit 6). | 32'-0" ℄ joints (Unit 7).

4'-0" | Rustication grooves at 4'-0" ℄ | 4'-0"

Unit 4 | 11-W508 at 3'-0" ℄ front face | 11-W509 at 3'-0" front face | 11-W510 at 3'-0" front face.

Steel sheet piling

F801 f.f. at 12" between each pair of piling

F801 at 12" f.f.

Front face

W505

F802 at 10" f.f.

5-F802 f.f. at 10" ℄ between each pair of piling

W509

F804 f.f. at 10" ℄

W510

Expansion joint

W508

Contraction j't.

W509

Contraction j't.

W510

Expansion joint

F703 n.f.

F803 n.f.

F805 n.f.

32~F703 at 12" = 31'-0" top of footing n.f.

43~F803 at 9" = 31'-6" top of footing n.f.

43~F805 at 9" = 31'-6" top of f.f.

PLAN

B

El 670.72

Fan W505 e.f.

11~W508 n.f. lap alt. W902

W508 n.f.

10~W908 n.f. at 3'-0" lap alt. W902

W901

11~W509 n.f. lap alt. W1002

W509 n.f.

10~W1003 n.f. at 3'-0" lap alt. W1002

W1001 n.f. at 1'-6" ℄

11~W510 n.f. lap alt. W1102

W510 n.f.

10~W1103 n.f. at 3'-0" lap alternate W1102

W1101 n.f. at 1'-6" ℄

Exp. Jt.

8 spa. at 2'-0" = 16'-0" (W505 e.f.)

9 spa. at 2'-0" = 18'-0" (W505 e.f.)

10 spa. at 2'-0" = 20'-0" (W505 e.f.)

El 649.00

5~W505 | 6~W505

21 spa. at 1'-6" = 31'-6" (22~W902)

20 spaces at 1'-6" = 30'-0" (21~W901)

12~F501 at 1'-0" ℄

5~W505 | 8~W505

El. 648.50

13~F501 at 1'-0" ℄

21 spa. at 1'-6" = 31'-6" (22~W1002)

20 spaces at 1'-6" = 30'-0" (21~W1001)

5~W505 | 8~W505

El 647.50

14~F501 at 1'-0" ℄

21 spa. at 1'-6" = 31'-6" (22~W1102)

20 spa. at 1'-6" = 30'-0" (21~W1101)

B

ELEVATION

Piling not shown.

6'-0" | 1'-0" | 2" | 6" | El 674.49

3/4 | 12 | W505

W510~Unit 7
W509~Unit 6
W508~Unit 5

W1103~Unit 7
W1003~Unit 6
W903~Unit 5

W1101~Unit 7
W1001~Unit 6
W901~Unit 5

W1102~Unit 7
W1002~Unit 6
W902~Unit 5

F805~Unit 7
F803~Unit 6
F703~Unit 5

F606

W505

3'-1" | 1'-6" | 3'-4"

3" clear

F801 Unit 5
F802, Unit 6
F804, Unit 7

Unit 7 | 5'-4" | 3'-0" | 1'-6"

Units 5 and 6 | 6'-0" | 1'-6"

Steel sheet piling battered 1:4

SECTION - B

LEGEND
n.f. . . . near face
f.f. . . . far face
e.f. . . . each face

BURGESS & NIPLE LIMITED — CONSULTING ENGINEERS
COLUMBUS, OHIO

4/8

RETAINING WALL "B"
UNITS 5, 6 AND 7

LAKE COUNTY | STA. 42+60.00 | STA. 47+02.79

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED DATE	REVISED
[illegible]	KED	CWB	ABC	WJR 11-19-68	

DEC 11 1970 JUN 26 1970

ALL-STATE BLUEPRINT COLS., O. 41028