



VALUES OF "G" MAXIMUM											
WALL TYPE	1	2	3	4	5	6	7	8	9	10	11
"G" MAX.	1'-1 1/2"	1'-2 1/4"	1'-3 1/4"	1'-3 3/4"	1'-7 1/2"	1'-8 1/2"	2'-2 1/4"	2'-3 3/4"	2'-11"	3'-1"	3'-3"

NOTE: "G" VARIES DUE TO CHANGE IN WALL HEIGHT "H". FOR VALUES OF "G" MAXIMUM SEE TABLE. FOR STANDARD PILE DETAILS SEE SHEET NO. 106

ILLINOIS DIVISION OF HIGHWAYS
SOUTH EXPRESSWAY
STANDARD RETAINING WALL DETAILS
PILE FOOTINGS
WALL TYPES ① THRU ⑧

FOR INFORMATION ONLY

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 COOK COUNTY
 STA. 4529+75.90 TO STA. 4537+30.74
 RETAINING WALL N-47N-R
 EXISTING RETAINING WALL PLAN 3
 S.N. 016-W977
 SCALE: NTS
 DATE: JUNE 9, 2006
 DRAWN BY: KMW
 CHECKED BY: BLU

6/7/2006 3:44:47 PM I:\62301\94\90\RETAINING WALLS\62301_18.dwg