



TYPICAL DETAIL JUNCTION OF STEM & FOOTING  
SCALE: 1/2" = 1'-0"

WALL TYPE	1	2	3	4	5	6	7	8	9	10	11	12	13
"G" MAX.	1'-1 1/4"	1'-2 1/4"	1'-2 3/4"	1'-3 1/4"	1'-7 1/2"	1'-8 1/2"	2'-2 1/4"	2'-3 1/4"	1'-8 1/2"	1'-9 1/2"	2'-0 1/4"	2'-5 1/4"	2'-7"

NOTE:  
"G" VARIES DUE TO CHANGE IN WALL HEIGHT "H". FOR VALUES OF "G" MAXIMUM SEE TABLE.  
FOR STANDARD PILE DETAILS SEE SHEET NO. 89

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

SHEET 8 OF 8

FOR INFORMATION ONLY

BOWMAN, BARRETT & ASSOCIATES INC.  
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312.228.0100  
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REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)  
RETAINING WALL S-39S-R  
EXISTING RET. WALL PLAN 2  
SCALE: NTS  
DATE: JUNE 9, 2006  
DRAWN BY: KMW  
CHECKED BY: BLU

6/8/2006 11:27:53 AM