



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

VALUES OF "G" MAXIMUM											
WALL TYPE	12	13	14	15	16	17	18	19	20	21	22
"G" MAX.	7'-10"	7'-10"	7'-8"	7'-2 1/2"	7'-2 1/2"	7'-7 1/2"	7'-8"	7'-2 1/2"	7'-3 1/2"	7'-7"	8'-1"

NOTE: "G" VARIES DUE TO CHANGE IN WALL HEIGHT "H". FOR VALUES OF "G" MAXIMUM SEE TABLE.

ILLINOIS DIVISION OF HIGHWAYS
SOUTH EXPRESSWAY
STANDARD RETAINING WALL DETAILS
SPREAD FOOTINGS - 3000 PSF
WALL TYPES 12 THRU 19

SHEET 13 OF 15

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 (SB LOCAL LANES)

RETAINING WALL S-47N-R
EXISTING RET. WALL PLAN 4

SCALE: NTS
DATE: JUNE 9, 2006
DRAWN BY: KMW
CHECKED BY: BLU

11/05/11 AM 6/27/2006