



DESIGNED	BHS
CHECKED	GSP
DRAWN	BHS
CHECKED	GSP

**LEGEND**  
 B.F. = Back Face  
 F.F. = Front Face  
 E.F. = Each Face

**MINIMUM BAR LAPS**  
 #15 bars = 640  
 #20 bars = 790  
 #25 bars = 1320  
 #30 bars = 1850

(\*) NOTE: Cut from full length bars. See Sheet S-26 for Field Cutting Diagram.

(\*\*) NOTE: Adjust Pile locations to provide 300 clear (Min.) between Piles and Existing Sewer or Water Main. Provide 230 clear (Min.) between Piles and edge of Footing.

(\*\*\*) NOTE: Provide 150 (Min.) clear spacing between Footing and Existing Sewer or Water Main.

**NOTES:**  
 See Sheet S-20 for Pile Data.  
 See Sheet S-26 for Expansion Joint Detail, Section D-D, Section E-E, and Field Cutting Diagram.  
 See Sheet S-27 for Detail F and Detail R.  
 Stations are referenced to C I-80/94. See Sheet S-27 for offset diagram.  
 The wingwalls are to be constructed on chords between the stations shown.  
 Reinforcement bars designated (E) shall be epoxy coated.  
 All edges shall have standard 20 mm chamfers except as noted.  
 All dimensions are in millimeters (mm) except as noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 UNDER WENTWORTH AVE  
**SOUTH WINGWALLS**  
 SECTION 2626.1B  
 COOK COUNTY  
 STATION 7+579.488  
 STRUCTURE NO. 016-2790  
 DATE 07/05

**AMERICAN**  
 CONSULTING ENGINEERS

REVISED 03-29-04 BHS

FOR INFORMATION ONLY