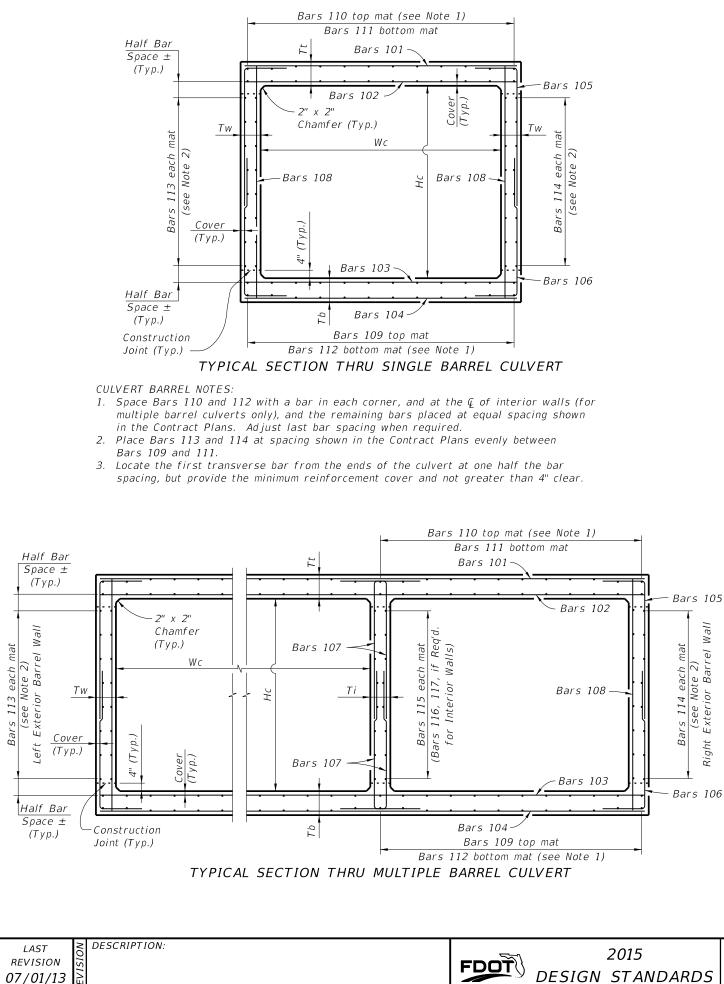
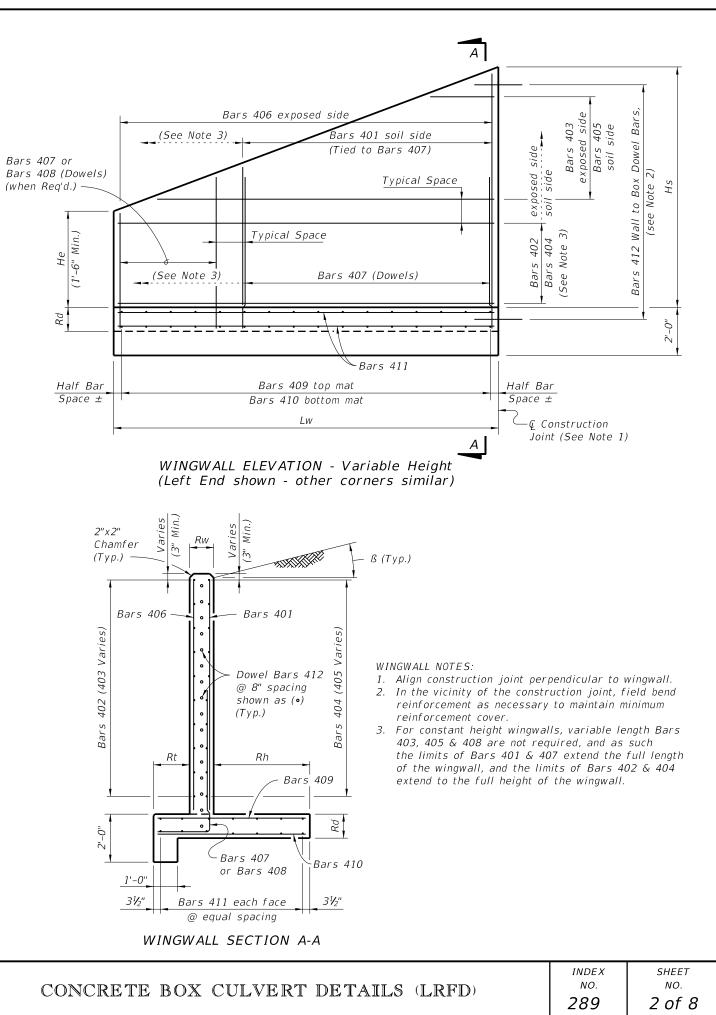


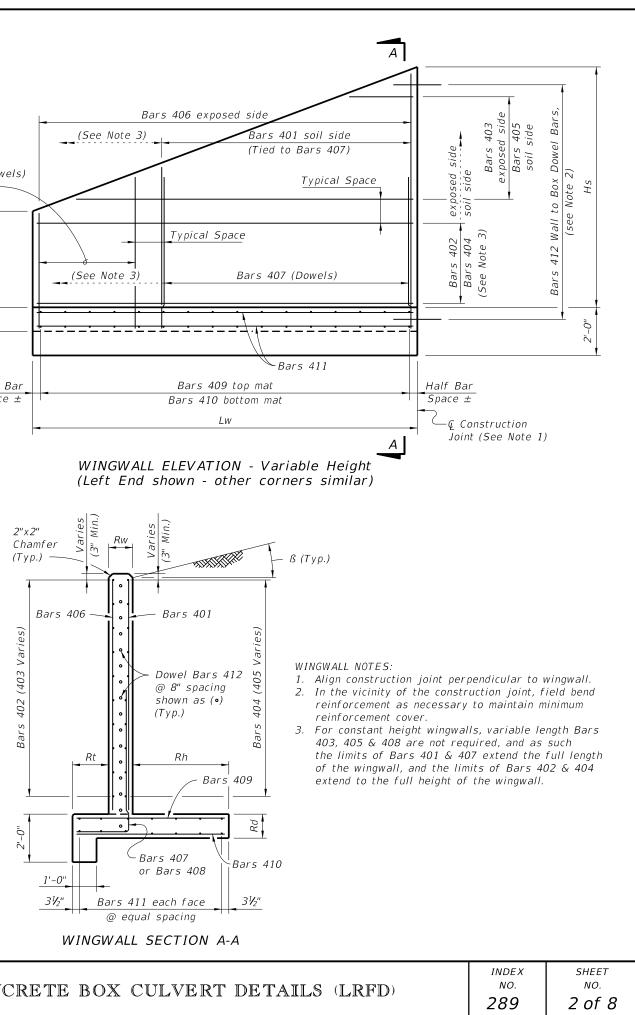
CONSTRUCTION LOADING: It is the construction Contractor's responsibility to provide for supporting construction loads that exceed AASHTO HL-93, and any construction load SURFACE FINISH: All concrete surfaces shall receive a general surface finish. SKEWED CONSTRUCTION JOINTS: Construction joints in barrels of culverts with skewed wingwalls may be placed parallel to the headwalls and the reinforcing steel, and the slabs may be cut provided that the cut reinforcing steel extends beyond the construction joint enough for splices to be made in accordance with Table 1 on this sheet. The cost of construction joints and additional reinforcing shall be at the expense of the Contractor. CULVERT EXTENSIONS: For cut backs and ties into existing concrete box culverts see REINFORCING STEEL: See the "Box Culvert Data Tables" in the Contract Plans for grade and bar spacing. See the Reinforcing Bar List in the Contract Plans for bar sizes and an or Headwall Skew and Wingwall Skews, See Schematic "A" SCHEMATIC "B" - PLAN VIEW CULVERT ALIGNMENT NOTE: For Culvert Skew see Contract Plans. TABLE 1 - MINIMUM BAR SPLICE LENGTHS FOR LONGITUDINAL REINFORCING SPLICE (CLASS B) SPLICE (CLASS B) BAR CLASS II CLASS IV SIZE CLASS II CLASS IV 3400 psi) (5500 psi) 3400 psi) (5500 psi) 1'-0" 1'-0'' #8 3'-6" 2'-9" 1'-4" 1'-4" 4'-5' #9 3'-6" 1'-8" 1'-8'' #10 6'-7' 4'-5" 1'-11' 1'-11" #11 7'-10" 6'-5" 2'-8" 2'-3'' 

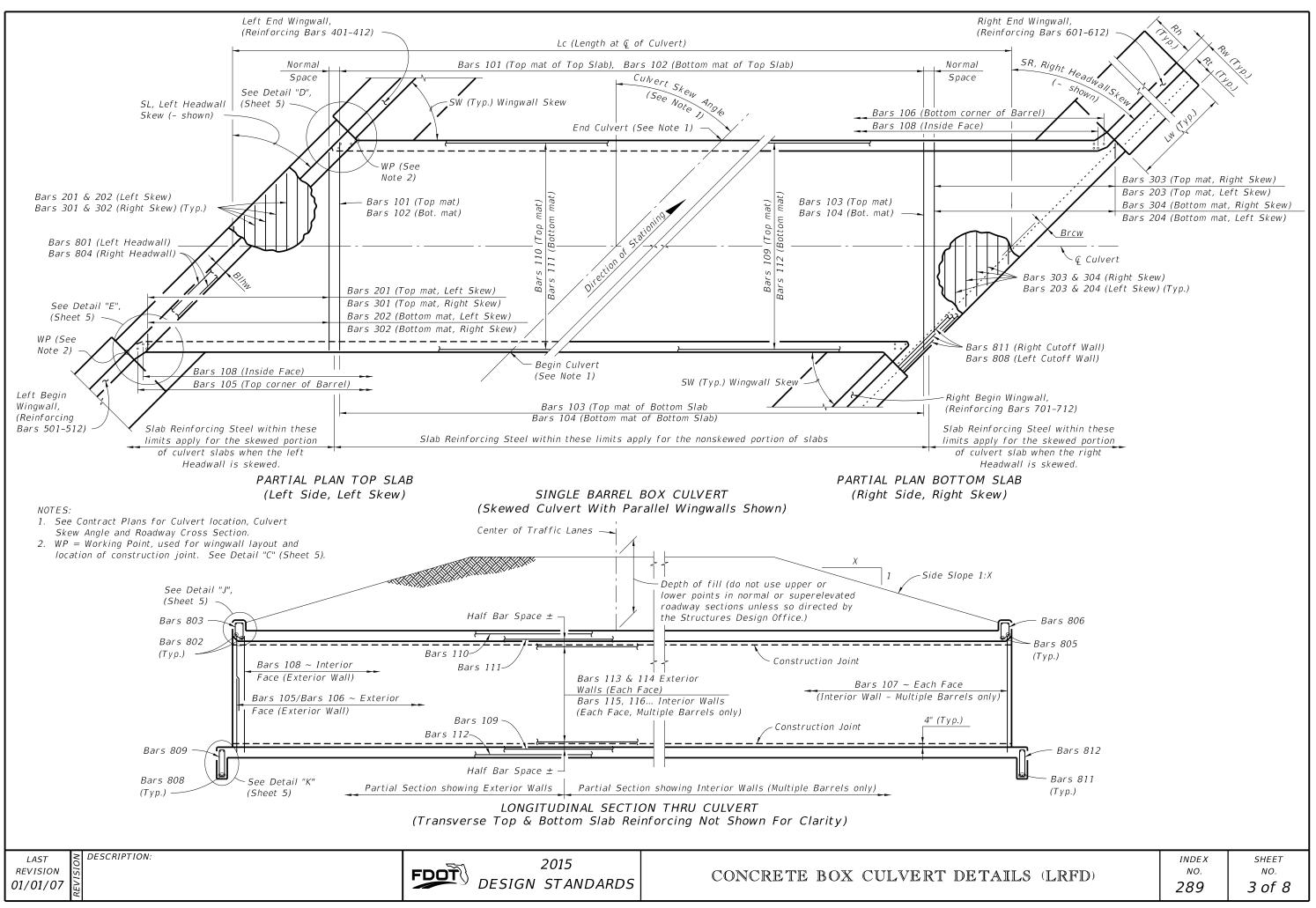
 TABLE 1 NOTE:
 Splice lengths are based on an AASHTO

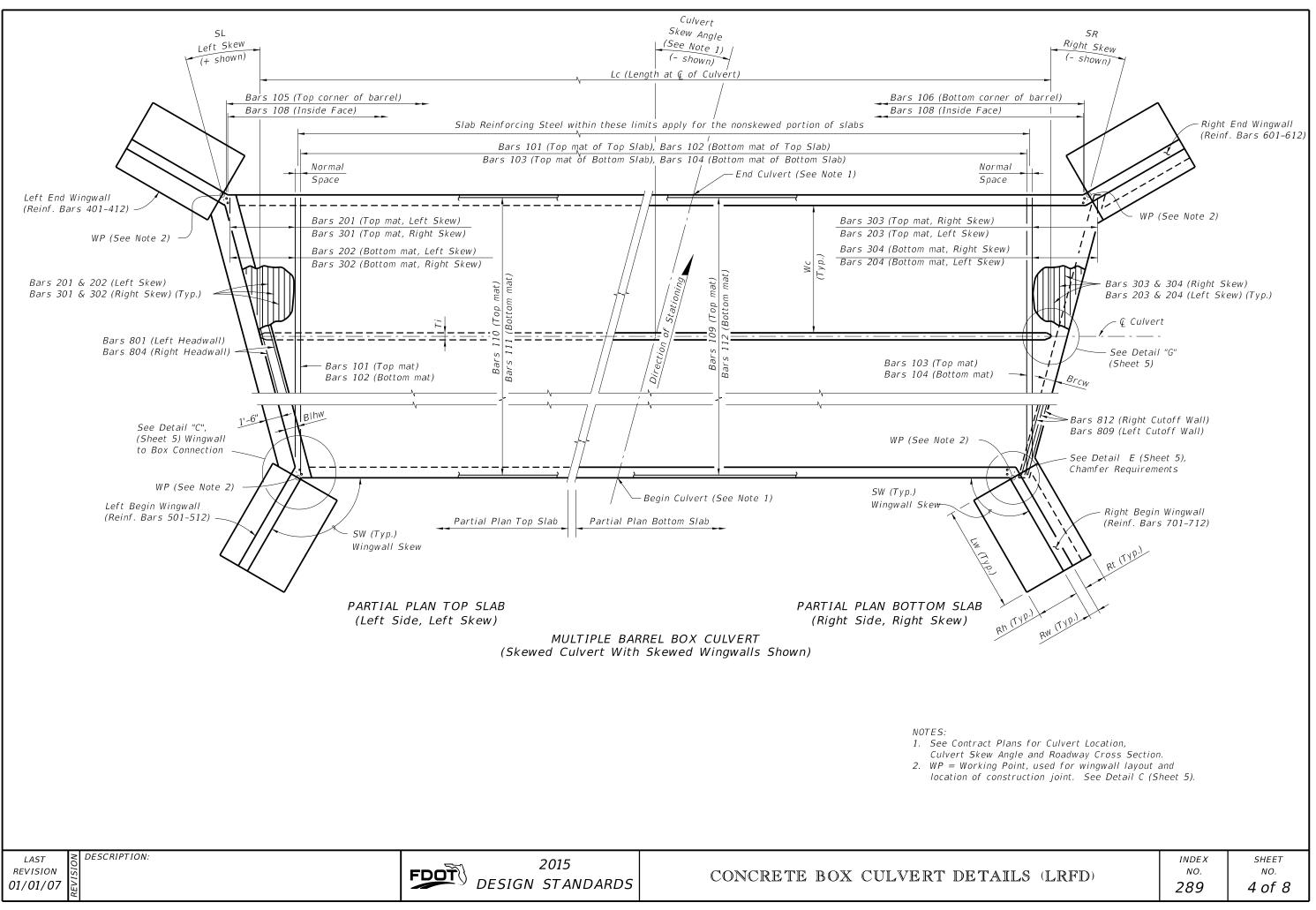
Class B tension lap splice for the Specification Section 346 concrete class shown. INDEX SHEET NO. NO. 289 1 of 8











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