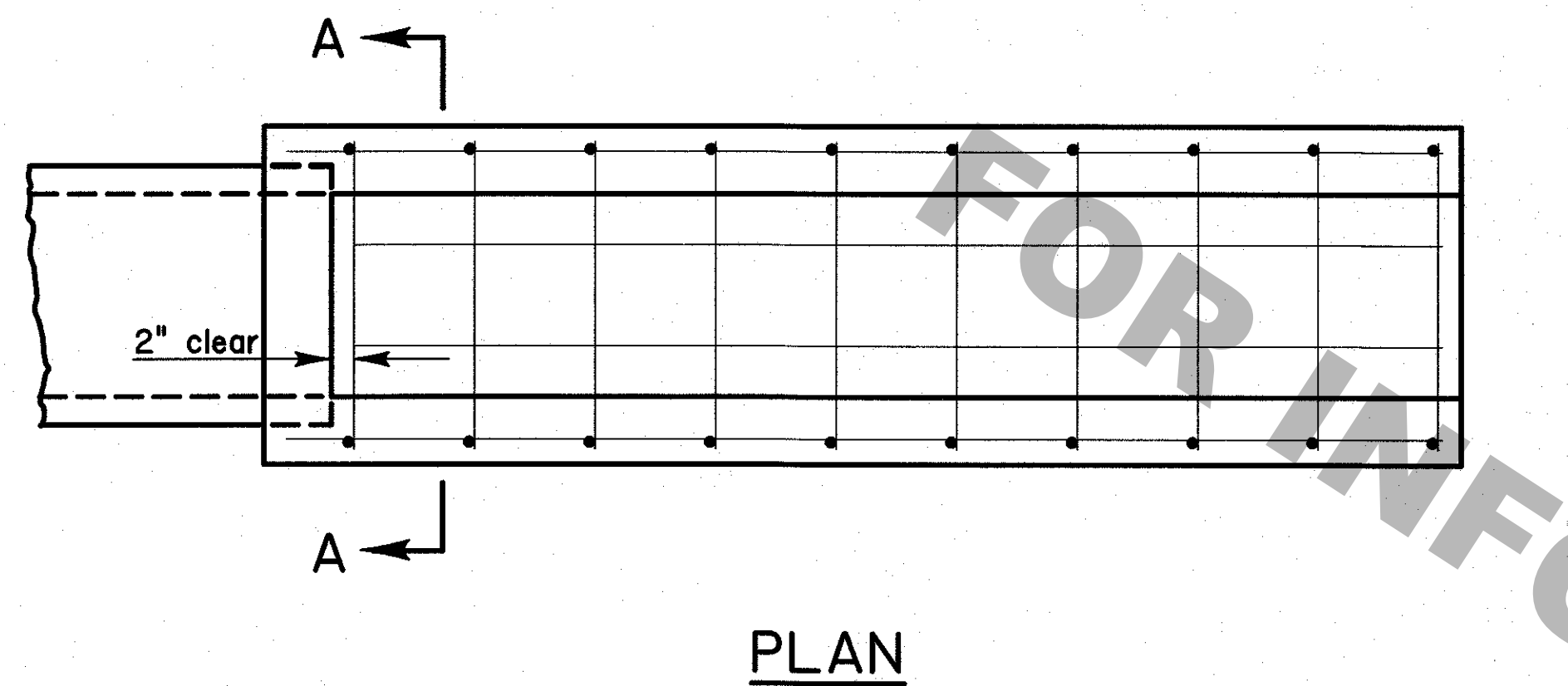
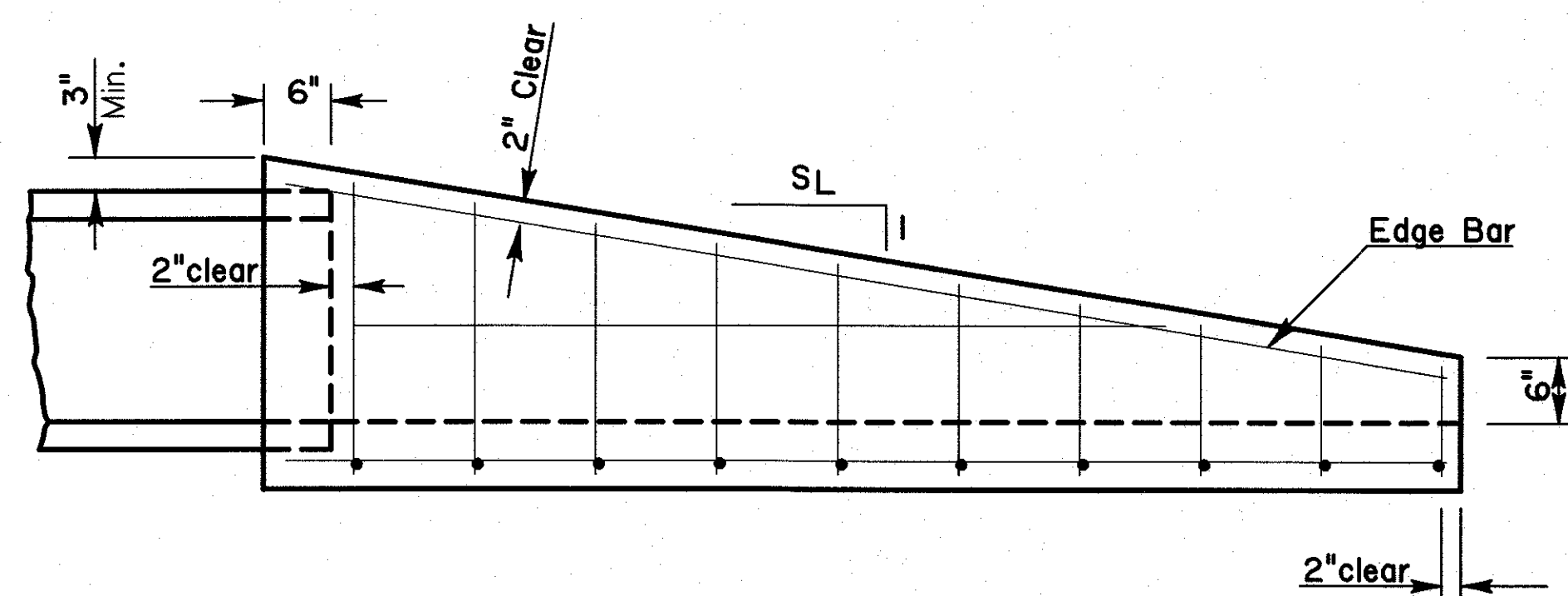


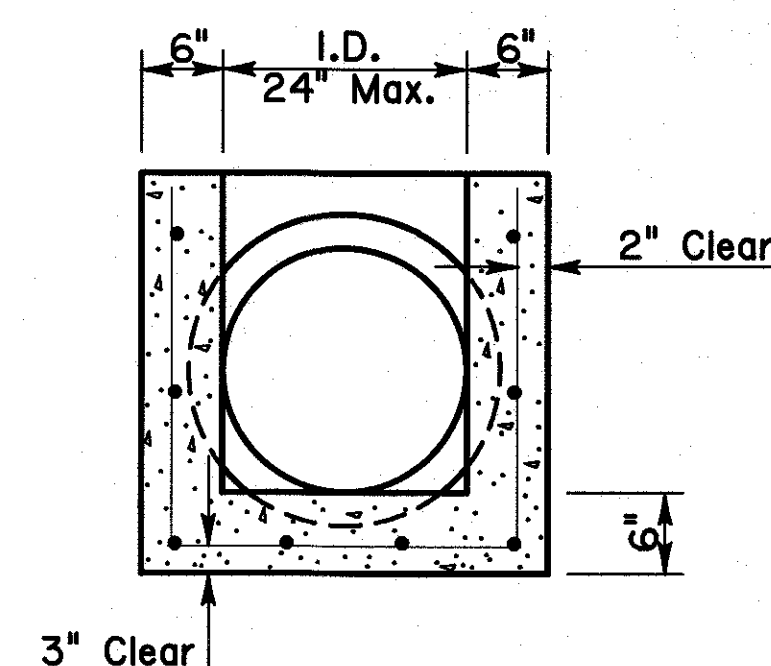
CAST-IN-PLACE ALTERNATE



PLAN



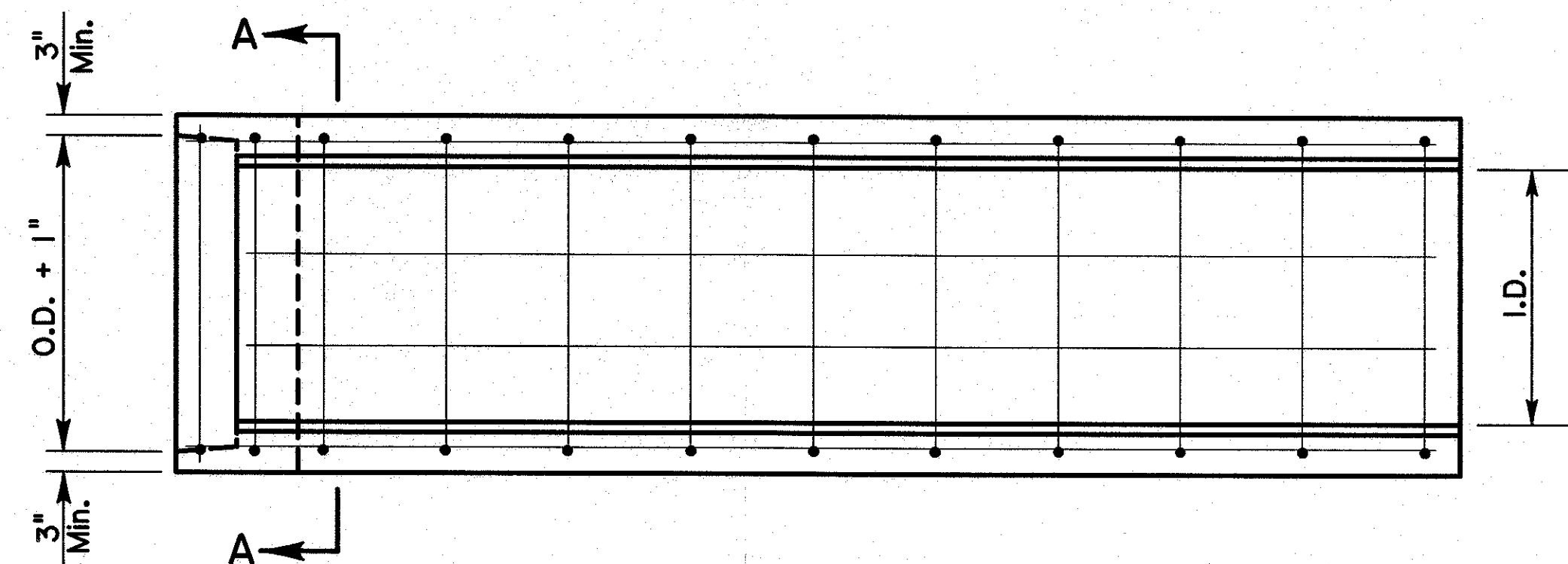
PROFILE



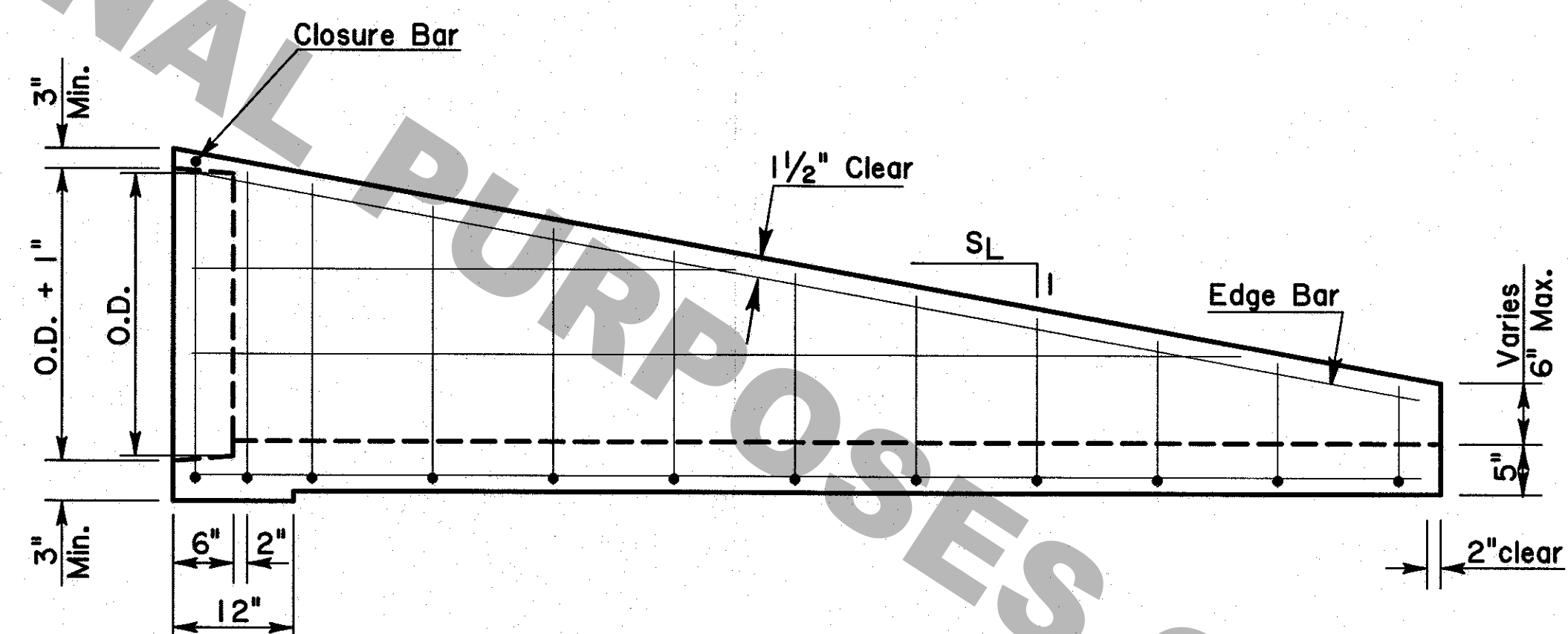
SECTION A-A

PRECAST ALTERNATE

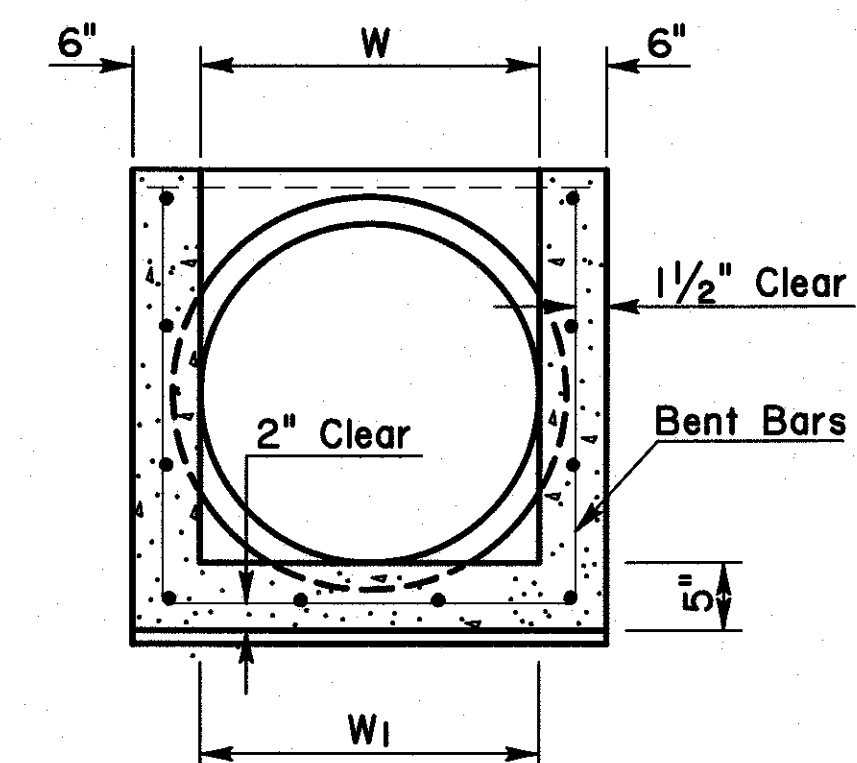
- Notes: 1. RCP bell ends which exceed the normal pipe outside diameter (O.D.) shall be removed.
2. Pipe connections shall be sealed with flexible joint sealant.
3. Exposed corners may be chamfered $\frac{3}{4}$ ".



PLAN



PROFILE

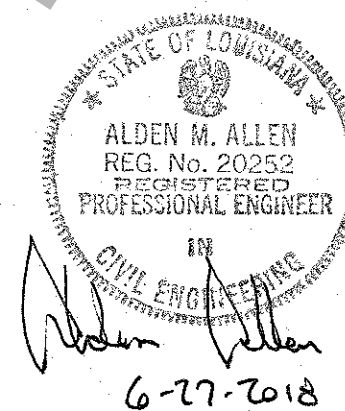


SECTION A-A

Max. difference, $W - W_1 = 1''$

General Notes: (Cast-In-Place & Precast Alternate)

- 1) While a RCP culvert is detailed, this Safety End shall also be used with RCPA, CMP, CMPA, and RCB culverts. Multiple culverts require multiple Safety Ends.
- 2) Slope of Safety End walls (S_L) shall match the required sideslope. If no sideslope is given, a slope of 6:1 shall be required.
- 3) The Safety End shall be cast-in-place or precast concrete units and shall be in accordance with Section 702 of the LA DOT Standard Specifications.
- 4) Concrete to be Class A1 and reinforcing steel to be #4 Grade 60.
- 5) Reinforcing steel at 9" maximum centers



6-12-18	Revise Precast To Uniform 6" Wall Thickness	AM
1-16-98	Added Special Detail Name SETSD1	JCM
9-27-93	Revised General Notes	WM
7-10-92	Revised General Notes	PA
6-22-92	Removed Sack Alternate, added Precast Alternate, revised Cast-in-Place Alternate	PA
8-5-91	General Revisions	PA
DATE	DESCRIPTION	BY
REVISIONS		

SPECIAL DETAIL NO.		SETSDI		SHEET 1 OF 1	
SIDE DRAIN SAFETY END - TYPE I					
Maximum Pipe Sizes:		24"	RCP		
		24"	CMP		
		18"	Eq.	RCPA	
		18"	Eq.	CMPA	
DATED APRIL 22, 1991					
STATE OF LOUISIANA					
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT					
DESIGNED PAA		DETAILED KAJ		DIR. spdetail/softyend	
CHECKED		CHECKED PAA		FILE setsdi.dgn	
HYDRAULICS SECTION					