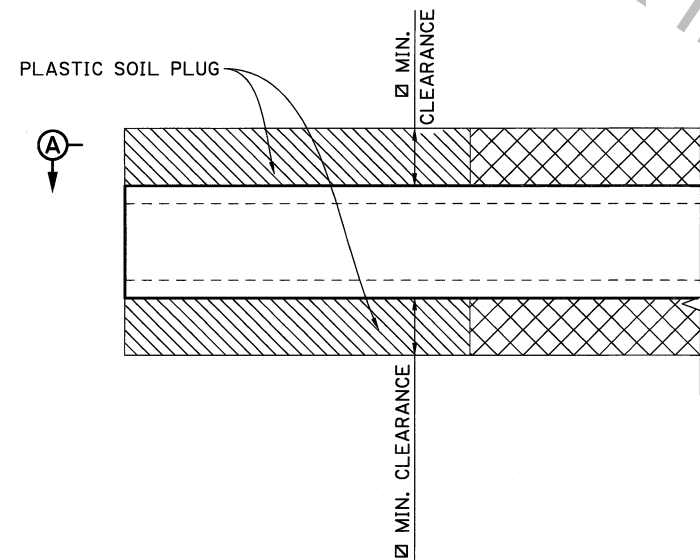




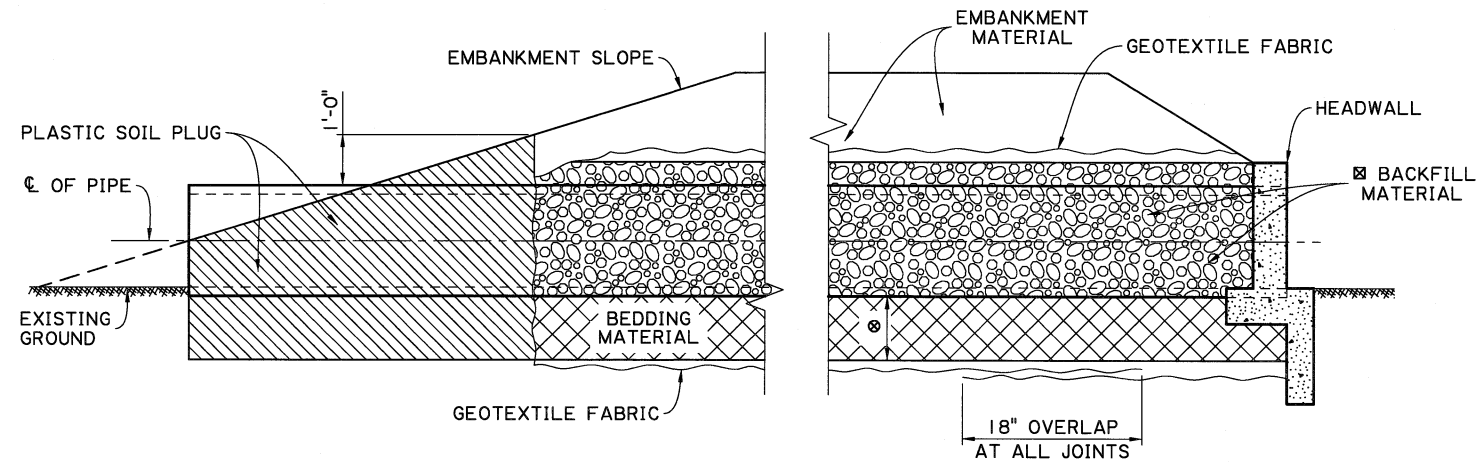
### GENERAL NOTES :

1. REINFORCED CONCRETE PIPE AND FLEXIBLE PIPE ARE SHOWN AS TYPICAL STRUCTURES. DETAILS ALSO APPLY TO REINFORCED CONCRETE BOX CULVERT, REINFORCED CONCRETE PIPE ARCH, CORRUGATED METAL PIPE ARCH, AND CORRUGATED STRUCTURAL PLATE STRUCTURES.
2. CONSTRUCTION COVER REQUIREMENTS MAY EXCEED FINAL COVER. SEE SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.
3. CROSS DRAIN DETAILS APPLY TO ALL REACHES OF PIPE UNDER RIGID OR FLEXIBLE ROADWAYS.
4. TRENCH SAFETY STANDARDS SHALL BE IN ACCORDANCE WITH SECTION 701 OF LADOTD STANDARD SPECIFICATIONS.

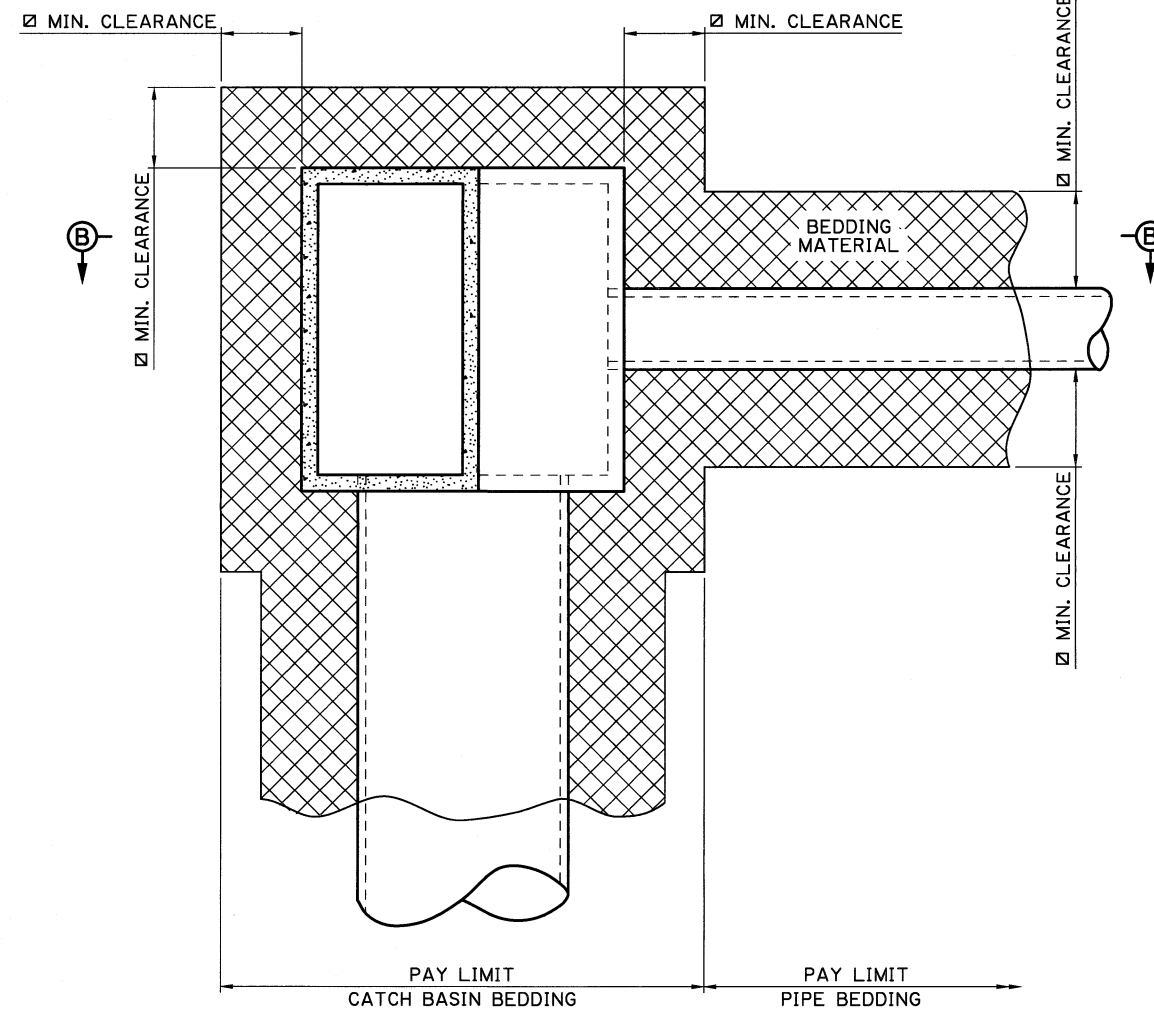
MINIMUM TRENCH CLEARANCE		
TYPE OF PIPE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE PIPE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"



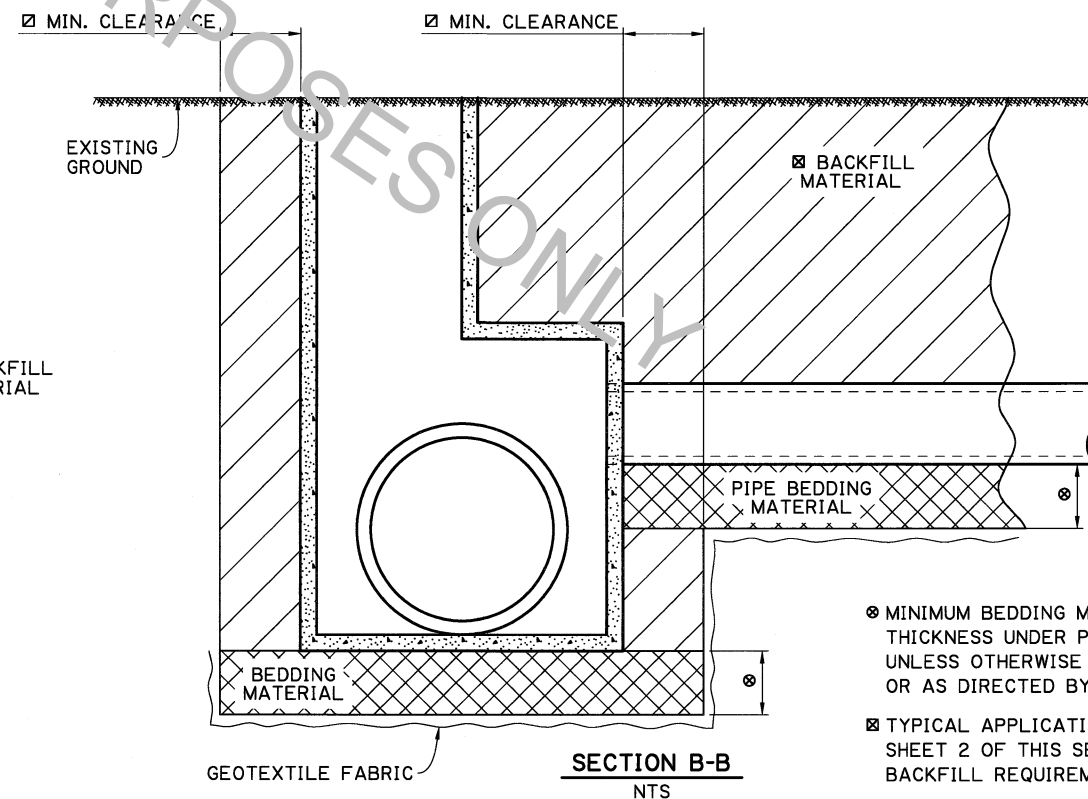
**TYPICAL CROSS DRAIN INSTALLATION**  
WITH AND WITHOUT HEADWALL  
(EMBANKMENT MATERIAL NOT SHOWN FOR CLARITY)  
NTS



**SECTION A-A**  
WITH AND WITHOUT HEADWALL  
NTS

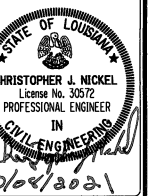


**TYPICAL CATCH BASIN AND STORM SEWER PIPE INSTALLATION**  
NTS

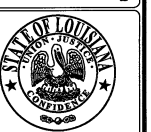


- MINIMUM BEDDING MATERIAL THICKNESS UNDER PIPE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.
- TYPICAL APPLICATION SHOWN. SEE SHEET 2 OF THIS SERIES FOR BACKFILL REQUIREMENTS.

SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGN	CHECK	DETAIL	CHECK	LFH	AMN	CJN	REVIEW
SERIES		OF 2					



APPROVED BY CHIEF ENGINEER:  
*Christopher J. Nickel*  
DATE: 11/16/2021



**DRAINAGE STRUCTURES**  
**BEDDING & BACKFILL**

