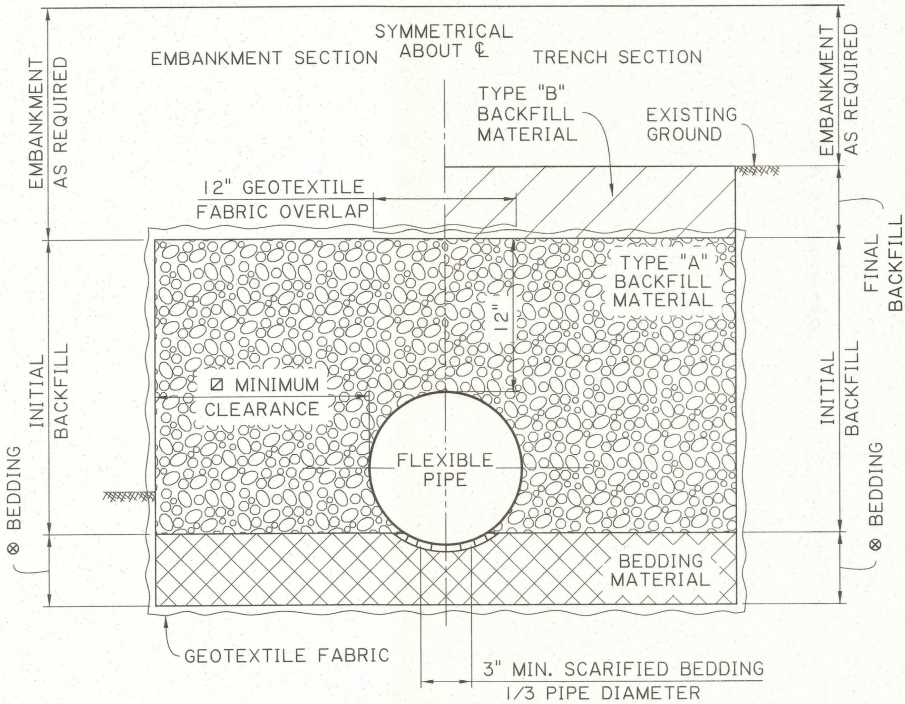
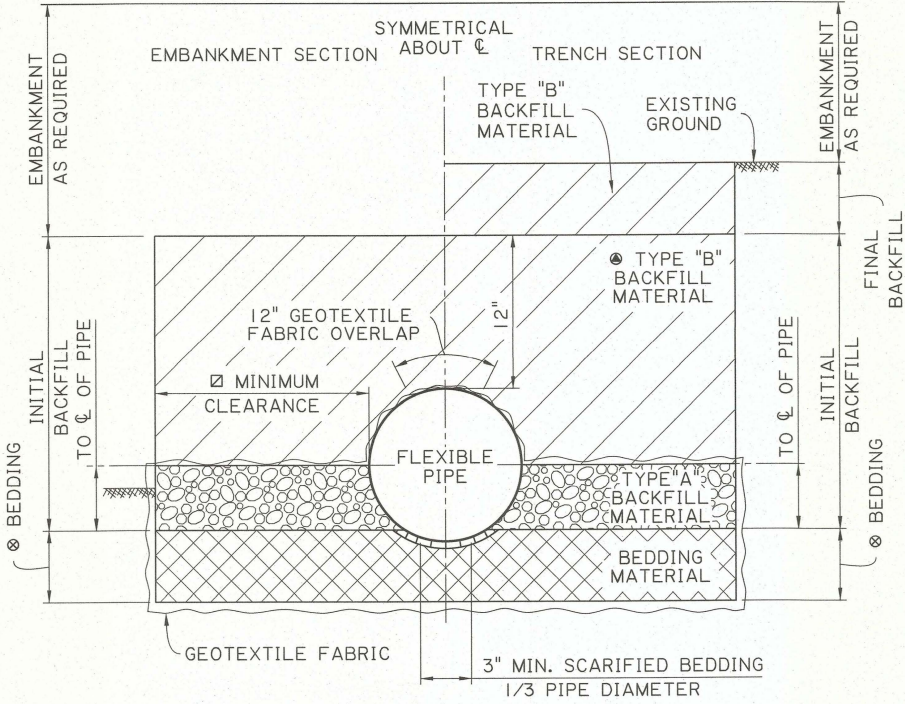


☐ MINIMUM TRENCH CLEARANCE		
TYPE OF STRUCTURE	INSIDE DIAMETER	MIN. CLEARANCE
REINFORCED CONCRETE	ALL	18"
FLEXIBLE PIPE	<48"	18"
FLEXIBLE PIPE	≥48"	24"

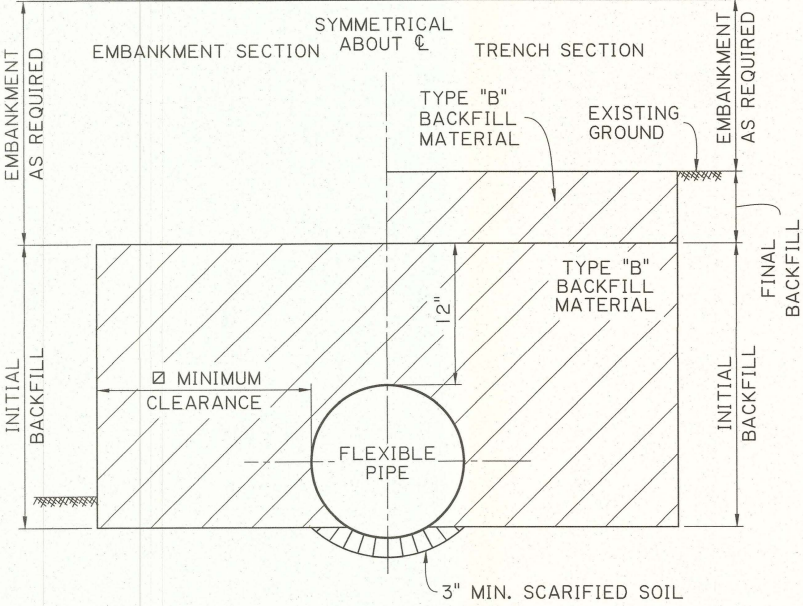
- ☐ MINIMUM BEDDING MATERIAL THICKNESS UNDER STRUCTURE IS 6 INCHES UNLESS OTHERWISE SHOWN ON PLANS OR AS DIRECTED BY THE PE.
- △ NO BEDDING MATERIAL REQUIRED UNLESS OTHERWISE SPECIFIED ON THE PLANS OR AS DIRECTED BY THE PE.
- REFER TO NOTE 3 ON SHEET 1 OF THIS SERIES.



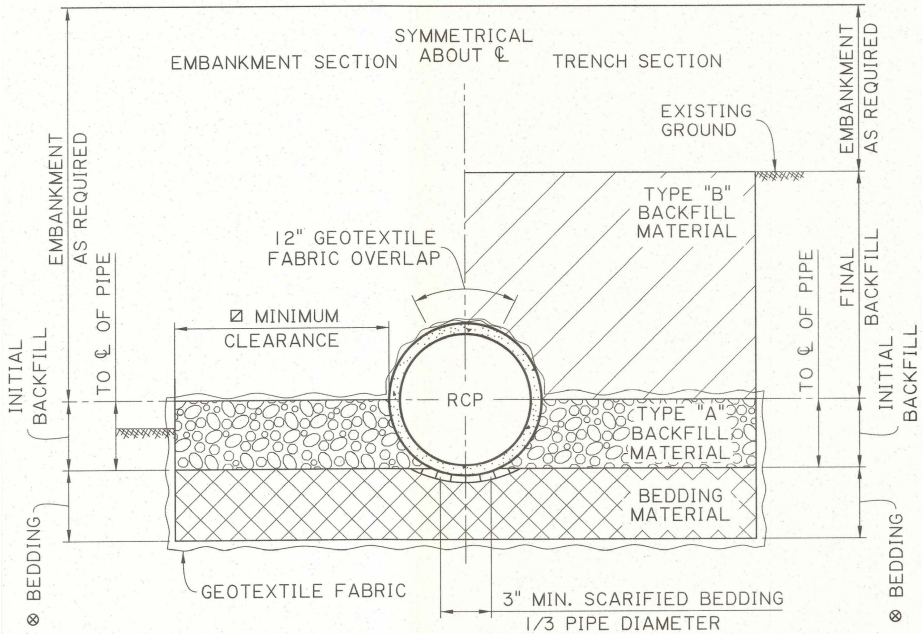
FLEXIBLE PIPE CROSS DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"



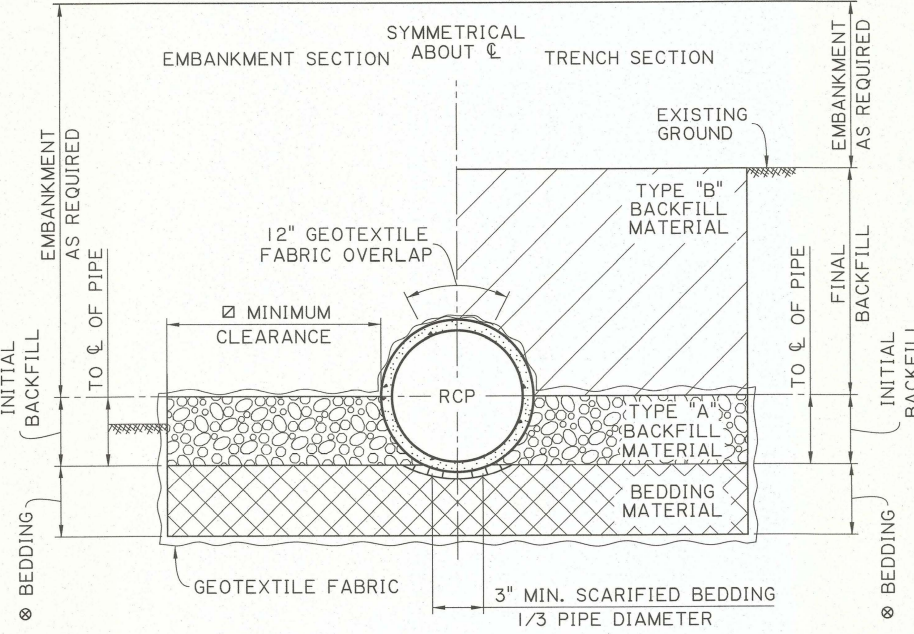
FLEXIBLE PIPE STORM DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"



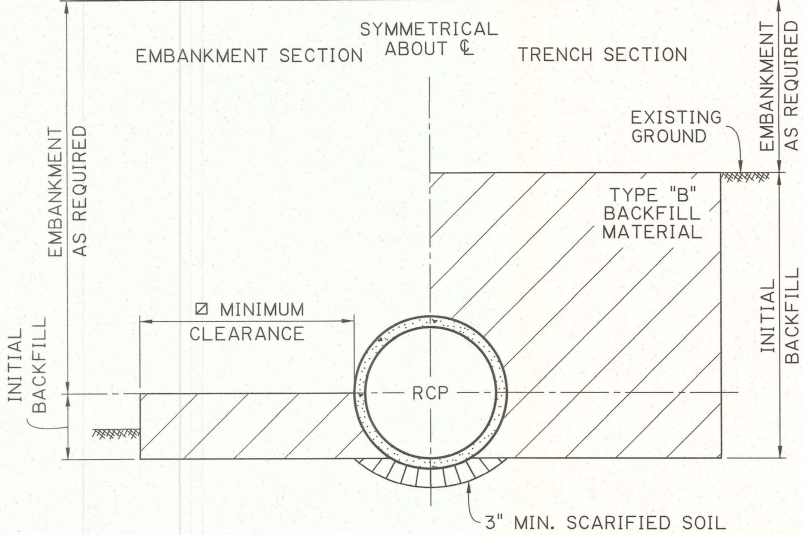
△ FLEXIBLE PIPE SIDE DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"



REINFORCED CONCRETE PIPE CROSS DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"



REINFORCED CONCRETE PIPE STORM DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"



△ REINFORCED CONCRETE PIPE SIDE DRAIN
TRENCH AND EMBANKMENT INSTALLATIONS
SCALE: 1 1/2"=1'-0"

SHEET NUMBER		PARISH		CONTROL SECTION		STATE PROJECT	
DESIGN	C. NICKEL	CHECK	DETAIL	CHECK	REVIEW	SERIES	DATE
APPROVED BY CHIEF ENGINEER:							
REVISION OR CHANGE ORDER DESCRIPTION							
NO.							
DATE							
BY							
STATE OF LOUISIANA							
DRAINAGE STRUCTURES							
TYPICAL SECTIONS FOR CROSS DRAINS & SIDE DRAINS							
DOTD							
LOUISIANA DEPARTMENT OF TRANSPORTATION & DEVELOPMENT							
STANDARD PLAN							