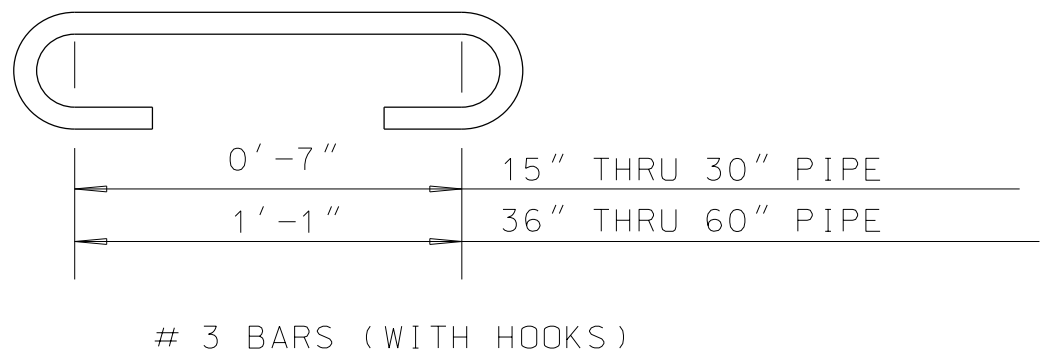
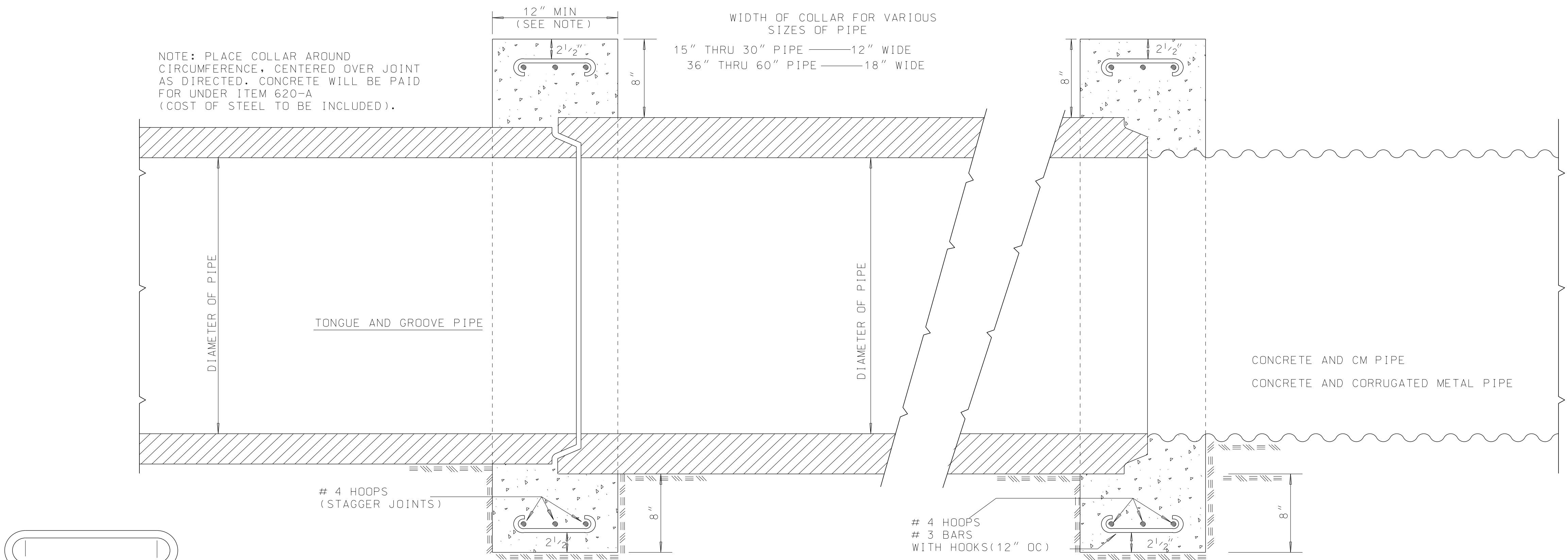
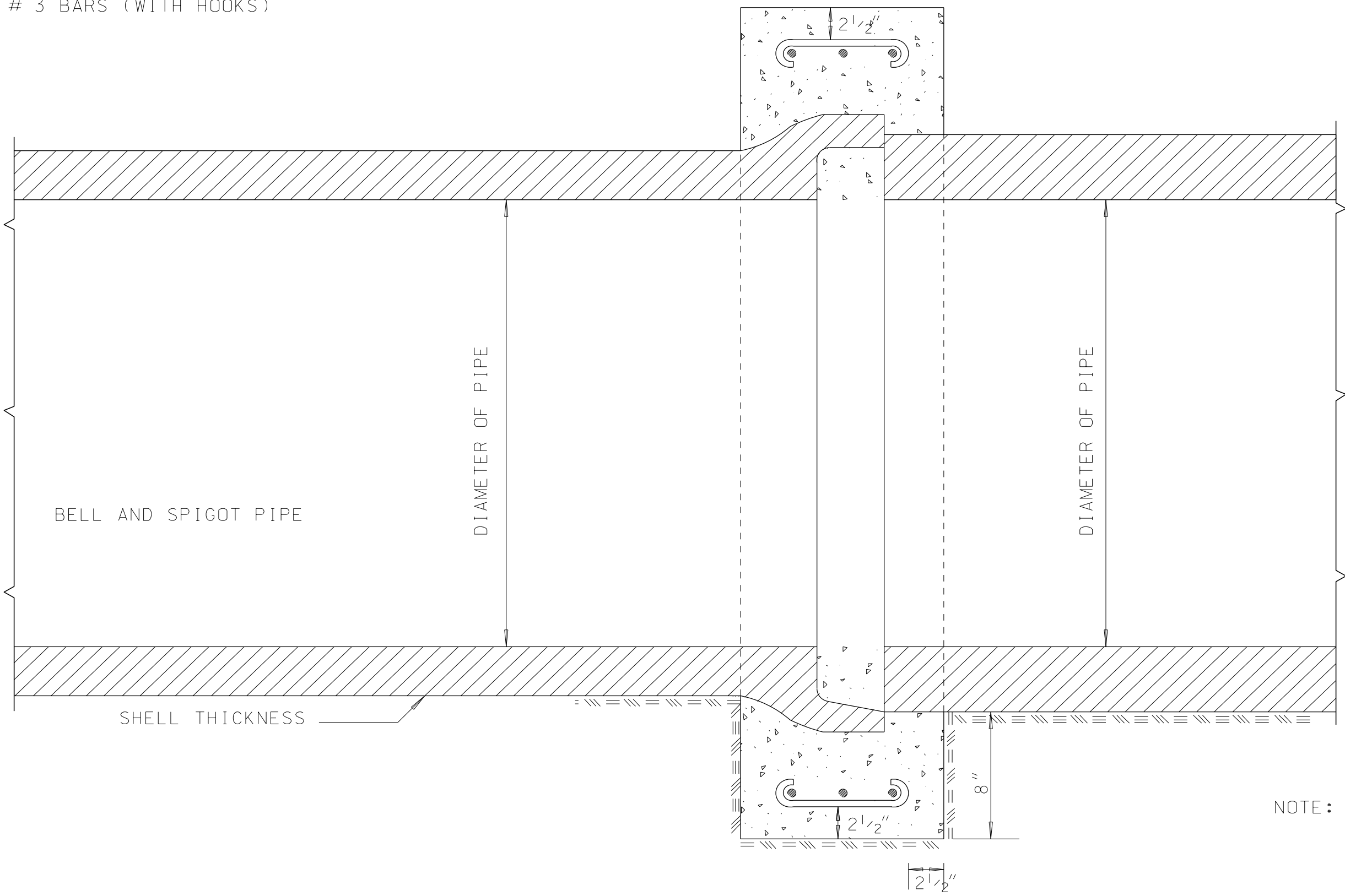


REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO



LONGITUDINAL SECTION THROUGH PIPE




NOTE: CONCRETE COLLARS SHALL BE USED FOR THE FOLLOWING JOINT TYPES: BELL AND SPIGOT, TONGUE AND GROOVE, MODIFIED TONGUE AND GROOVE. LARGE VOIDS CAUSED BY IMPROPER FIT OF THE TWO (2) PIPE SECTIONS SHALL BE FILLED WITH CEMENT MORTAR.

--SPECIFICATIONS--
CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION

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REVISIONS

1. Added to CAD00 on 05-13-99 by J.F.T.

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MONTGOMERY, AL 36130-3050

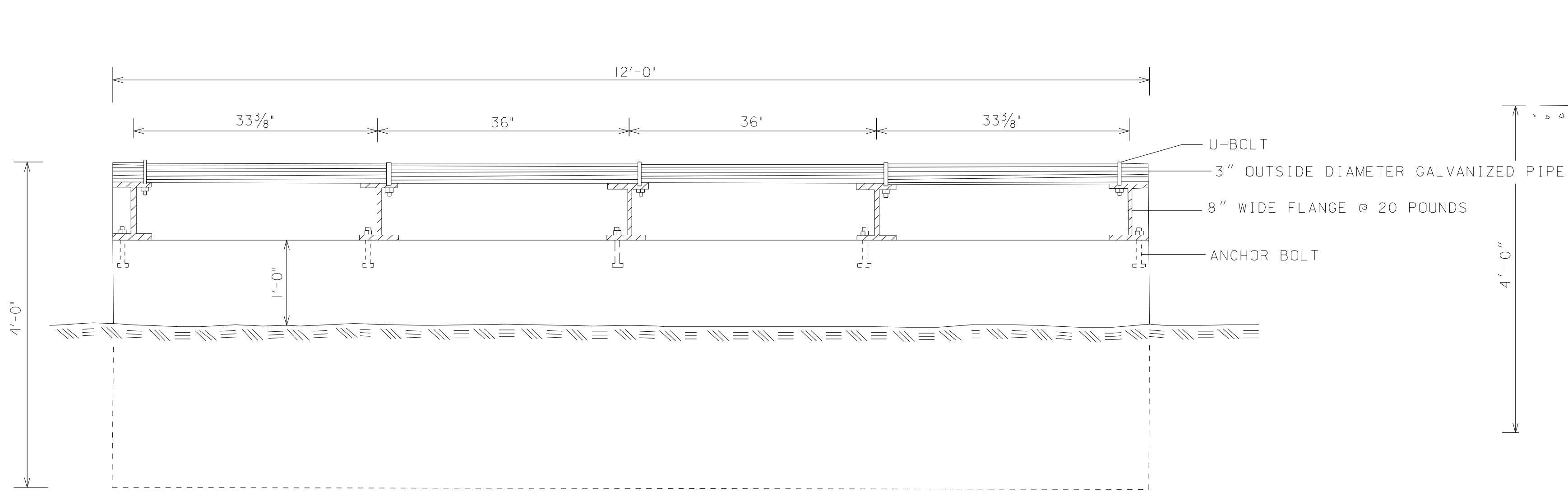
DESIGN BUREAU SPECIAL DRAWING
DETAILS OF CONCRETE COLLAR FOR
CONNECTING CONCRETE PIPE OF DIFFERENT
SHELL THICKNESS OR CONNECTING CONCRETE
TO CORRUGATED METAL PIPE

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 02-12-76

SPECIAL DRAWING NO
CC-530

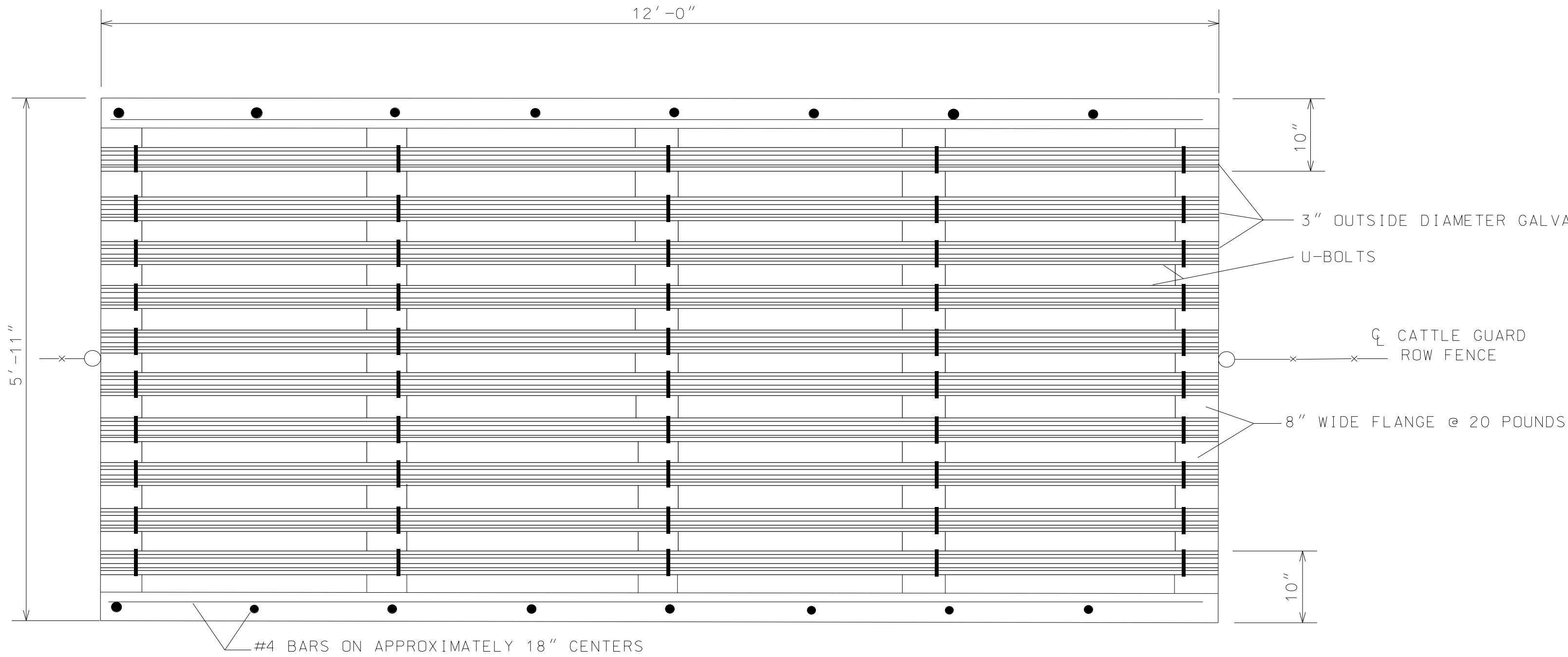
INDEX NO
62001

NOT TO SCALE

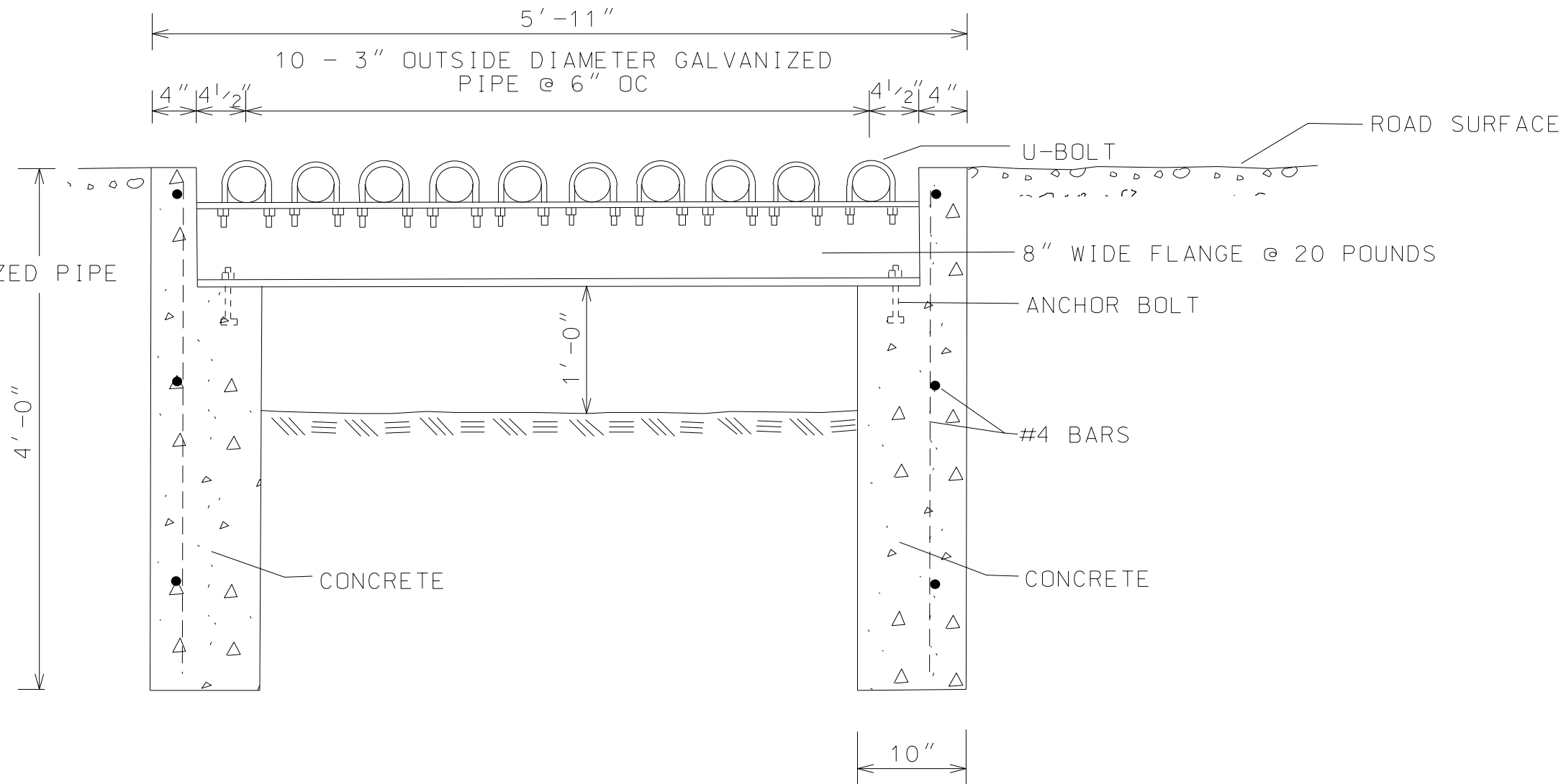


LONGITUDINAL SECTION

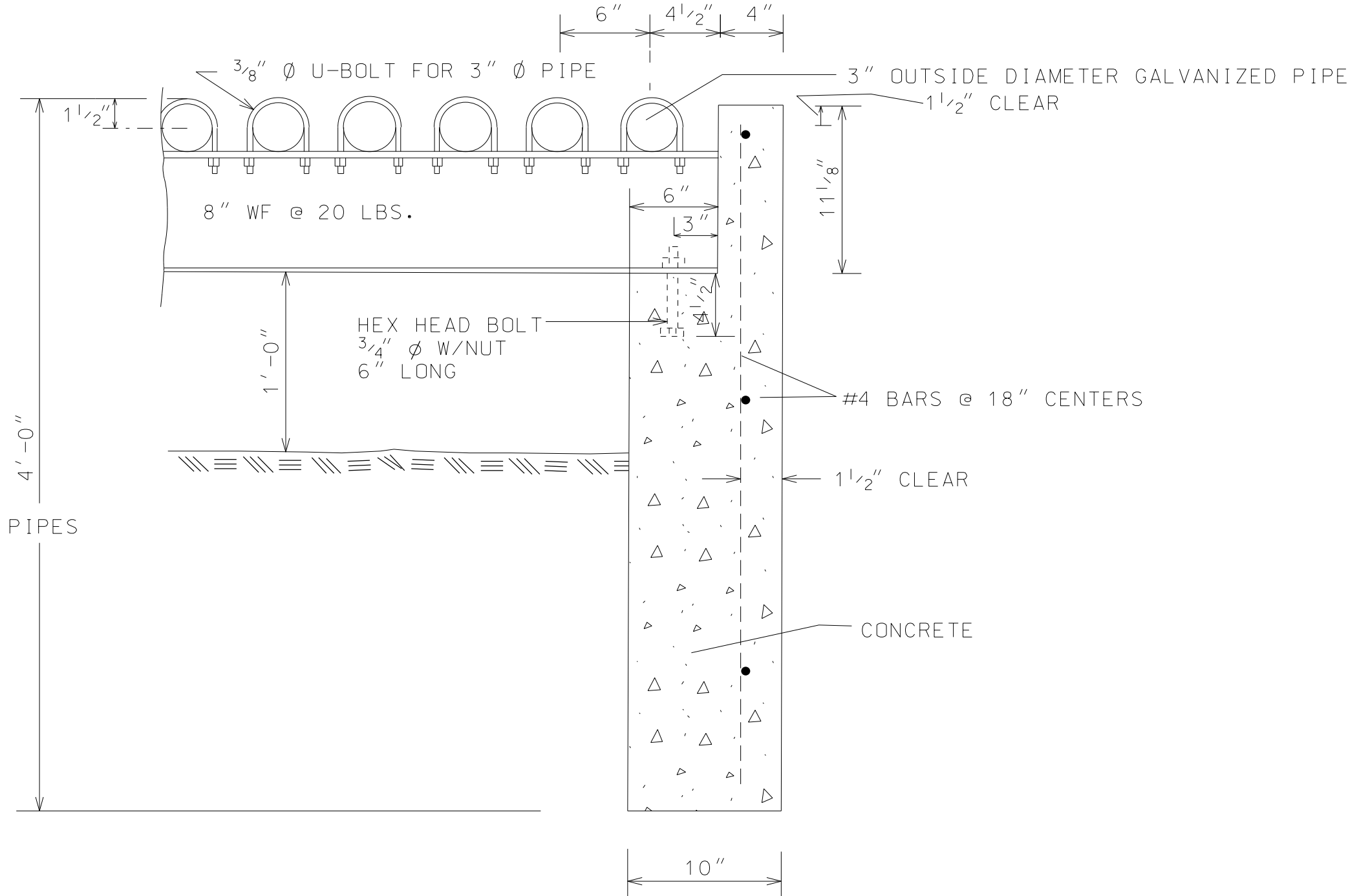
NOTE: STEEL, PIPE, WIDE FLANGE BEAM AND NECESSARY NUTS AND BOLTS SHALL BE INCLUDED IN UNIT PRICE BID FOR MINOR STRUCTURE CONCRETE/ CATTLE GUARD. (2.55 CU YD)



PLAN SECTION



CROSS SECTION




STRINGER DETAIL

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REVISIONS
1. Added to CADD on 05-05-99 by Joe Thomas.



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MONTGOMERY, AL 36130-3050

DESIGN BUREAU SPECIAL DRAWING

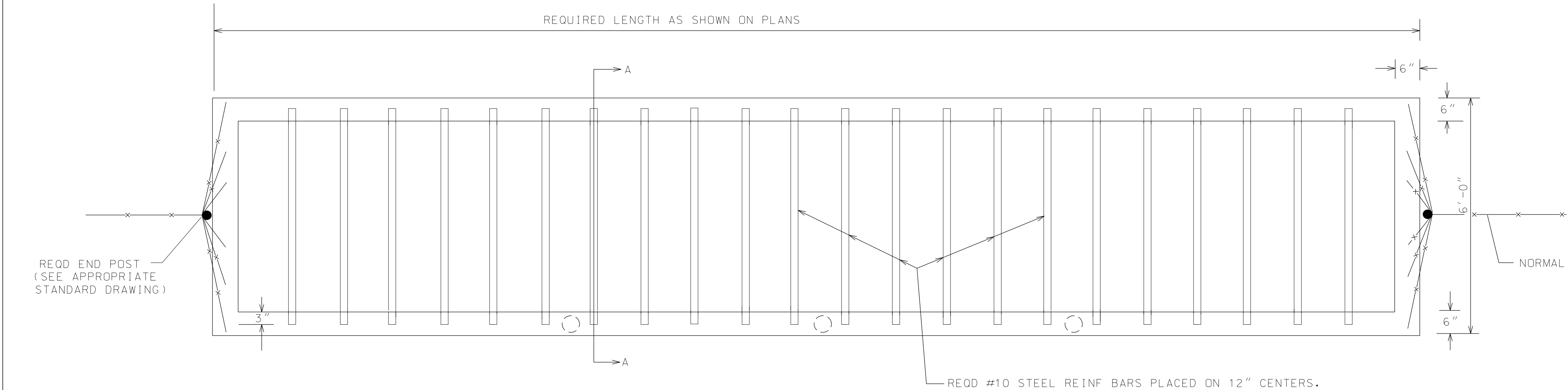
DETAILS OF CATTLE GUARD

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 05-05-77

SPECIAL DRAWING NO
CG-501-1

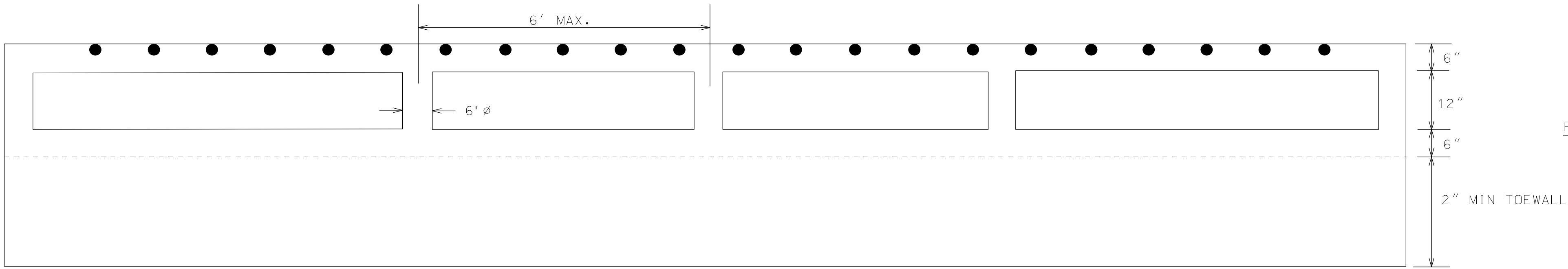
INDEX NO
62007

NOT TO SCALE



ESTIMATED QUANTITIES		
ITEM	UNIT	QUANTITY/FEET
MINOR STRUCTURE	CU YD	0.231
STEEL REINF	POUNDS	29.262

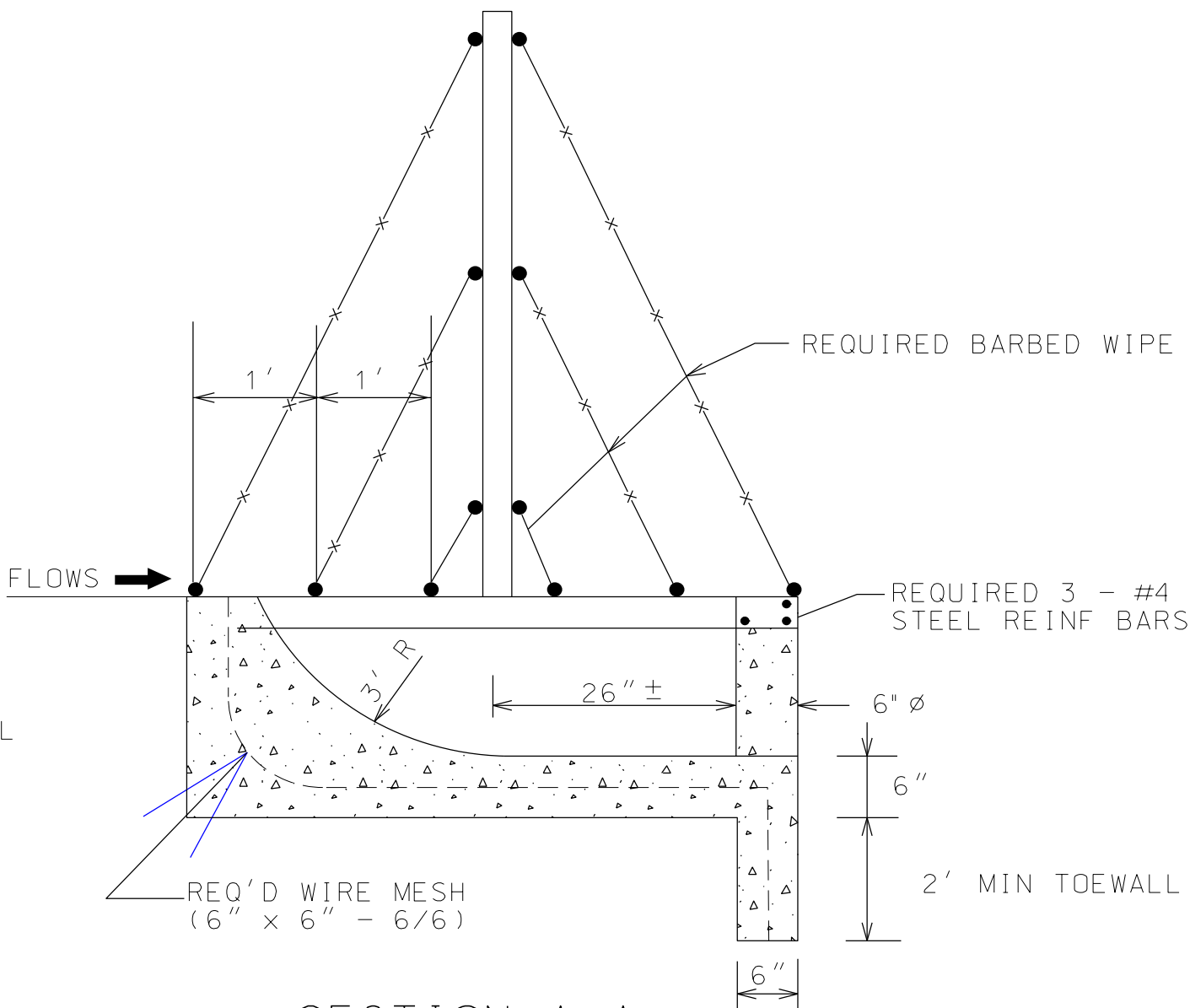
PLAN VIEW




ELEVATION
(OUTLET END)

GENERAL NOTES

1. THE REQUIRED BARBED WIRE TO BE TIED TO THE CATTLE GUARD WITH 3/8" x 6" GALVANIZED EYE BOLTS WITH AN APP 1" WELDED EYE. THE REQUIRED BOLTS TO BE PLACED AT THE TIME THE END WALLS ARE FORMED. COST OF REOD BARBED WIRE & EYE BOLTS TO BE INCLUDED IN UNIT PRICE BID FOR WIRE FENCE.
2. THE WEIGHT OF THE REOD 6" x 6" - 6/6 WIRE MESH IS INCLUDED IN THE QUANTITY PER FOOT OF STEEL REINFORCEMENT.



SECTION A-A

--SPECIFICATIONS-- CURRENT ALABAMA DEPARTMENT OF TRANSPORTATION		
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REVISIONS 1. Added to CADD on 05-05-99 by Joe Thomas.	 ALABAMA DEPARTMENT OF TRANSPORTATION 1409 COLISEUM BOULEVARD MONTGOMERY, AL 36130-3050	
	DESIGN BUREAU SPECIAL DRAWING DETAILS OF CATTLE GUARD TO BE USED AT STREAM CROSSINGS	
Bureau Std Engr: <u>D.J.W.</u> DRAWN BY: _____ DATE DRAWN: <u>04-20-77</u>	SPECIAL DRAWING NO CG-501-2	INDEX NO 62010

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