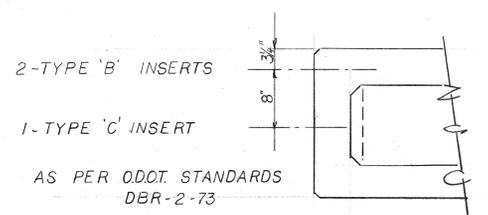
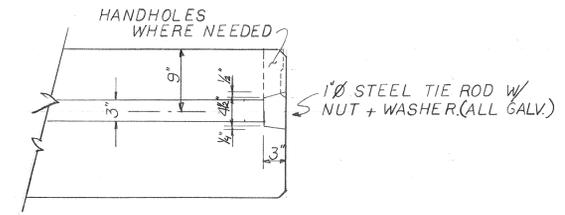


BENDING DIAGRAM



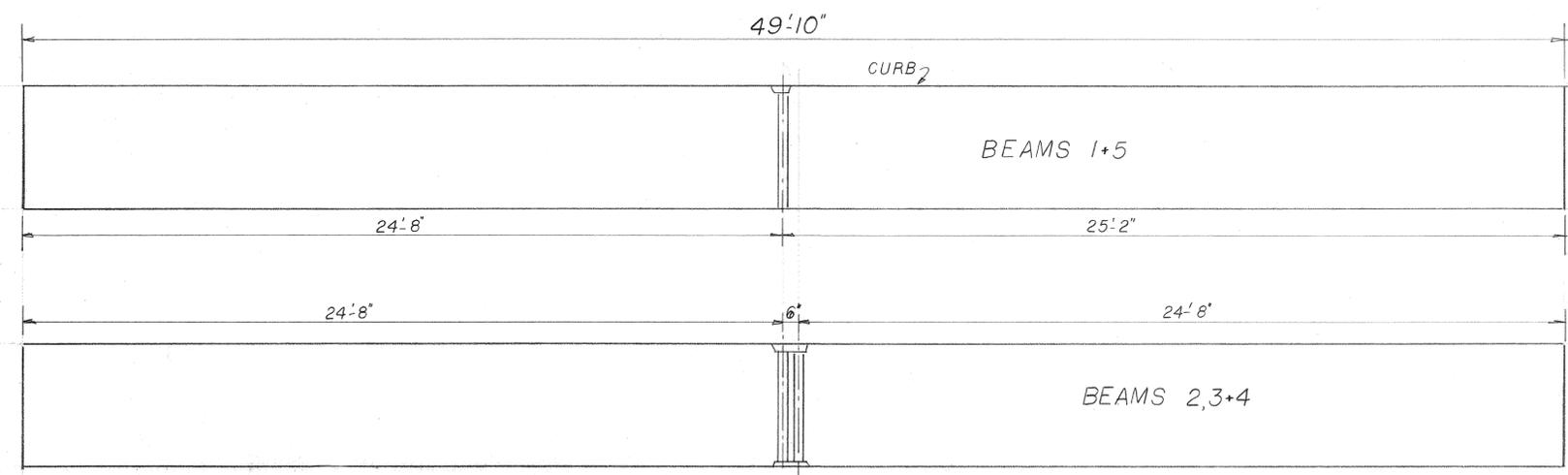
GUARDRAIL DETAIL



TIE ROD DETAIL

NOTES

- 1 BEAMS TO BE MANUFACTURED IN ACCORDANCE WITH ODOT. PLANS + SPECIFICATIONS.
- 2 MINIMUM CONCRETE STRENGTH AT RELEASE OF STRAND = 4000 PSI.
MINIMUM CONCRETE STRENGTH AT 28 DAYS = 5000 PSI.
- 3 STRAND TO BE SEVEN WIRE, UNCOATED, STRESS RELIEVED, ONE-HALF INCH DIA., 270 KIP ULTIMATE STRENGTH.
- 4 STRANDS TO BE PULLED TO 28900 LBS EACH.
- 5 BEAMS TO GET BROOM FINISH.



TIE ROD SPACING

TOLERANCES (EXCEPT AS NOTED)	REVISIONS			KELLER ROAD BRIDGE
	NO.	DATE	BY	
DECIMAL	1	2-14-79	DB	RELIANCE UNIVERSAL INC. P.O. BOX 85, MELBOURNE, KY. 41059
FRACTIONAL	2			
±	3			DRAWN BY W. BOSSSE
±	4			SCALE DATE 7-8-78
±	5			MATERIAL DATE 7-8-78
±				DRAWING NO. 578