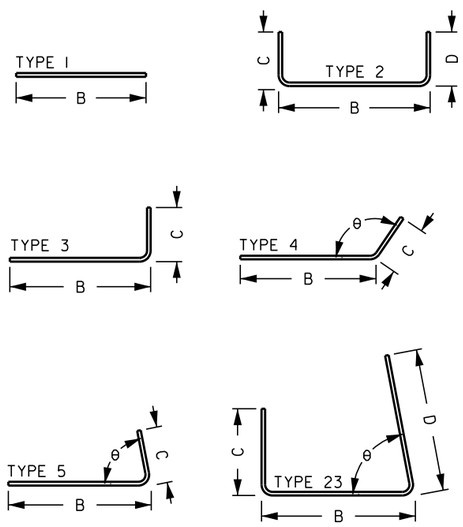
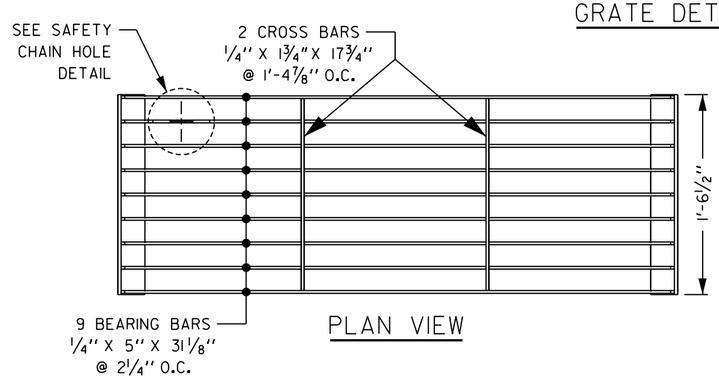
REBAR DETAILS AND BAR SCHEDULE FOR COLLAR AND MODIFIED BARRIERS



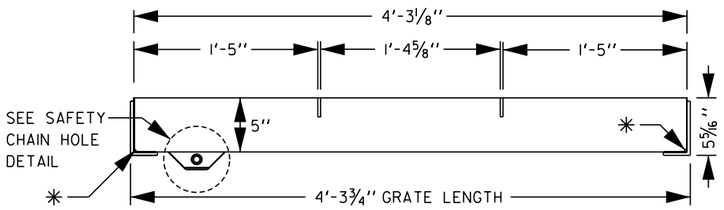
NOTE: REBAR DIMENSIONS AND BENDING FOLLOW GA STANDARD 3901

REBAR SCHEDULE:			DIMENSIONS:				PAGE
NUMBER	SIZE	TYPE	B	C	D	θ	
4H01	#4	1	2'-0"	-	-	-	1B
4L01	#4	3	9"	8"	-	-	1A, 1C, 1D
4L02	#4	3	2'-3"	8"	-	-	1E
4L03	#4	3	3'-11¾"	8"	-	-	1E
4U01	#4	2	2'-9"	8"	8"	-	1A, 1B, 1C, 1D, 1E
4U02	#4	2	5'-11"	8"	8"	-	1A, 1B, 1C, 1D, 1E
4U03	#4	2	5'-0"	8"	8"	-	1A, 1C, 1D, 1E
4U04	#4	2	5'-0"	2'-9"	2'-9"	-	1A, 1B, 1C, 1D, 1E
4U05	#4	2	2'-9"	1'-8"	1'-8"	-	1A, 1C, 1D
4U06	#4	2	6'-0"	1'-8"	1'-8"	-	1B, 1E
4VXX	#4	1	VAR	-	-	-	1E
4V00	#4	1	1'-10"	-	-	-	1A, 1B, 1C, 1D, 1E
4V01	#4	1	1'-1¾"	-	-	-	1A, 1B, 1C, 1D, 1E
4V02	#4	1	11¼"	-	-	-	1A, 1B, 1C, 1D, 1E
4V03	#4	1	6"	-	-	-	1A, 1B, 1C, 1D, 1E
5G01	#5	23	1'-4"	1'-0"	3'-4⅜"	79°	1A, 1C, 1D
5HXX	#5	1	VAR	-	-	-	5
5J01	#5	4	3'-4"	1'-0"	-	169°	1C, 1D, 1E
5J02	#5	4	VAR	1'-6"	-	169°	1D
5J03	#5	4	3'-6"	9¾"	-	79°	1C
5L01	#5	3	3'-0"	1'-0"	-	-	1A, 1B, 1C, 1D, 1E
5L02	#5	3	VAR	9¾"	-	-	1E
5U07	#5	2	10"	8"	8"	-	1B
5U08	#5	2	1'-4"	VAR	8"	-	1C
5U09	#5	2	9½"	VAR	8"	-	1E

GRATE DETAILS

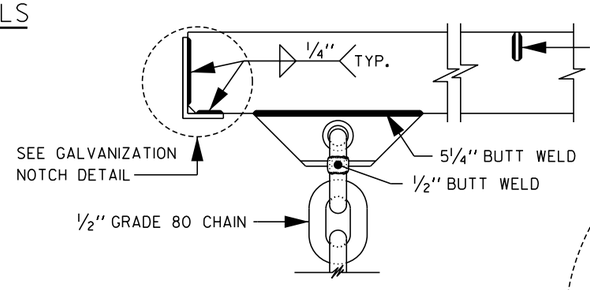


PLAN VIEW

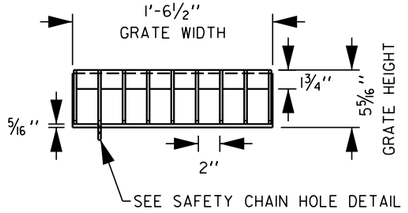


✳ SEE GALVANIZATION NOTCH DETAIL

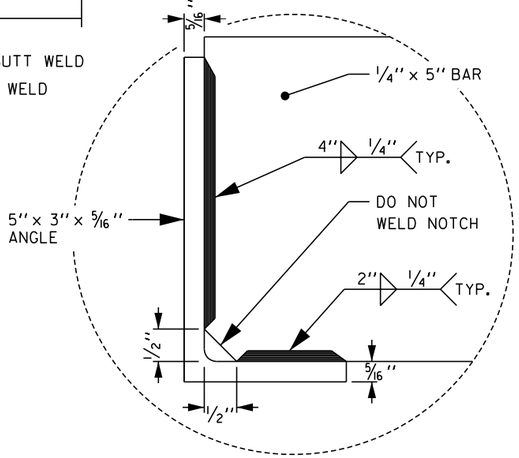
ELEVATION VIEW



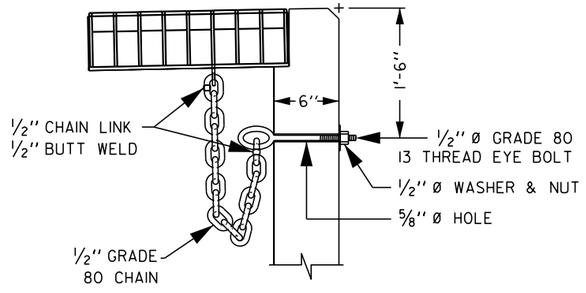
WELD DETAIL



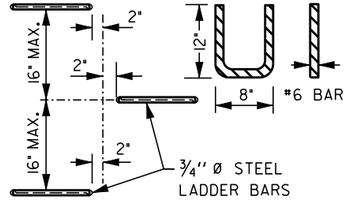
SIDE VIEW



GALVANIZATION NOTCH DETAIL

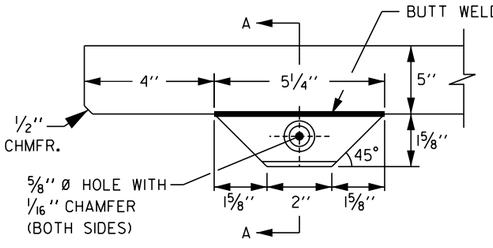


SAFETY CHAIN DETAIL

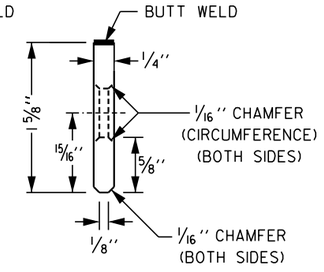


STEEL LADDER BAR STEPS

NOTES:
STEPS ARE REQ'D ON ALL STRUCTURES WHERE H IS GREATER THAN 4'-0". AN ALTERNATE STEP MAY BE SUBSTITUTED IF APPROVED BY THE GA D.O.T. OFFICE OF MATERIALS AND TESTING.



SAFETY CHAIN HOLE DETAIL



SECTION A-A

NOTE:
BOTH THE GRATE AND THE FRAME SHALL BE EITHER ASTM A-36 STEEL (HOT-DIPPED GALVANIZED, MEETING ASTM SPECIFICATION A-123) OR ASTM A-588 STEEL (NOT GALVANIZED). FOR A-36 STEEL, AFTER FABRICATION, DRILL A ¼" Ø HOLE IN ONE FRAME CORNER TO PREVENT BUILD-UP OF GALVANIZING MATERIAL.

BY	DATE	REVISION
JAHR	11-04-20	REVISED GRATE DIMENSIONS
JAHR	07-01-25	ADDED GALVANIZATION NOTCHES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
NARROW MEDIAN INLET

REBAR SCHEDULE, GRATE, SAFETY CHAIN, AND STEEL LADDER BAR STEPS DETAILS

NOT TO SCALE — APRIL 2020

DES. JAHR
DRW. JAHR
TRA. ____
CHK. ____

(SUBMITTED) Daniel C. Pass, STATE DESIGN POLICY ENGR.
(APPROVED) Margaret B. Pinkle, CHIEF ENGINEER

NUMBER 5001-N