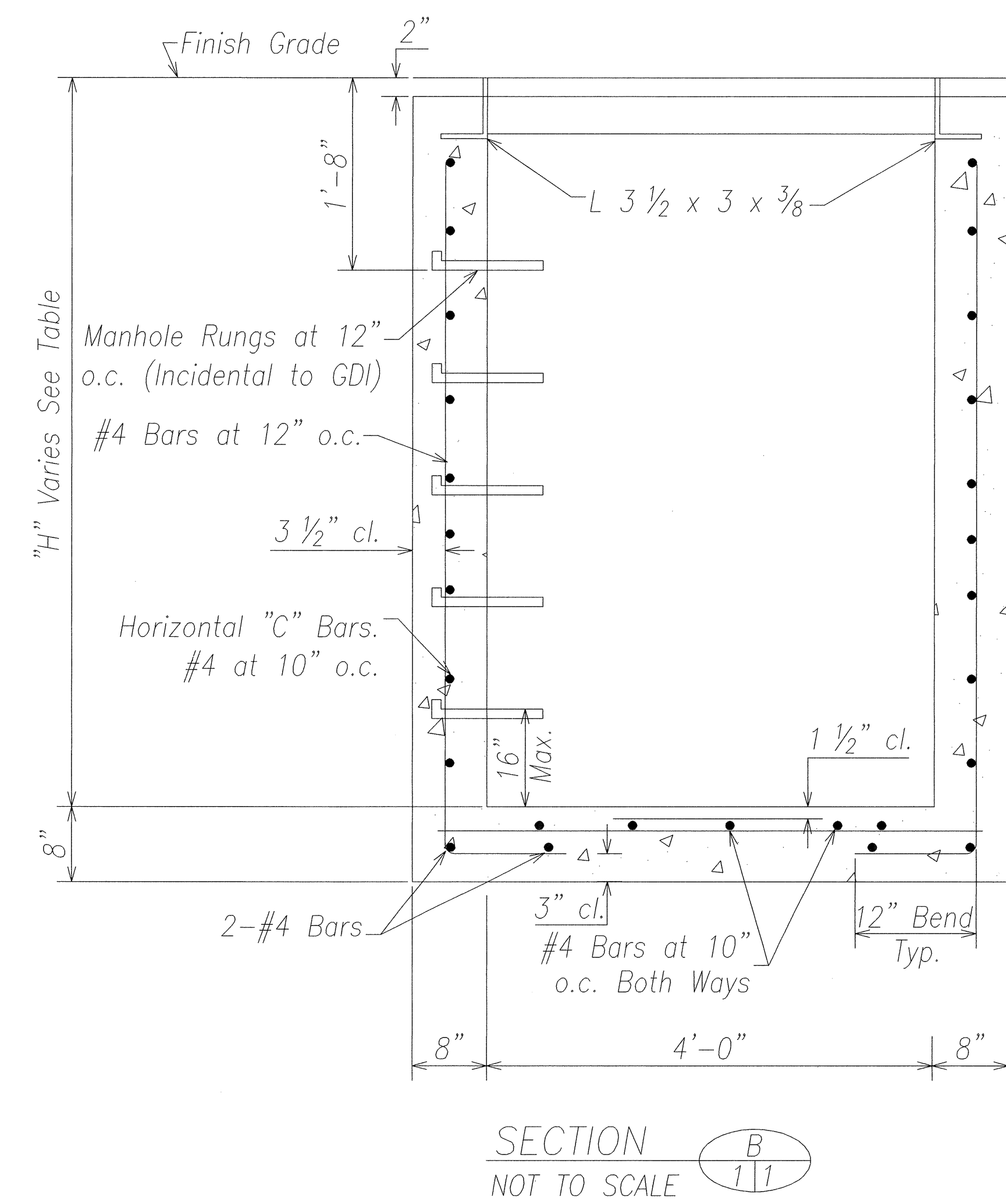
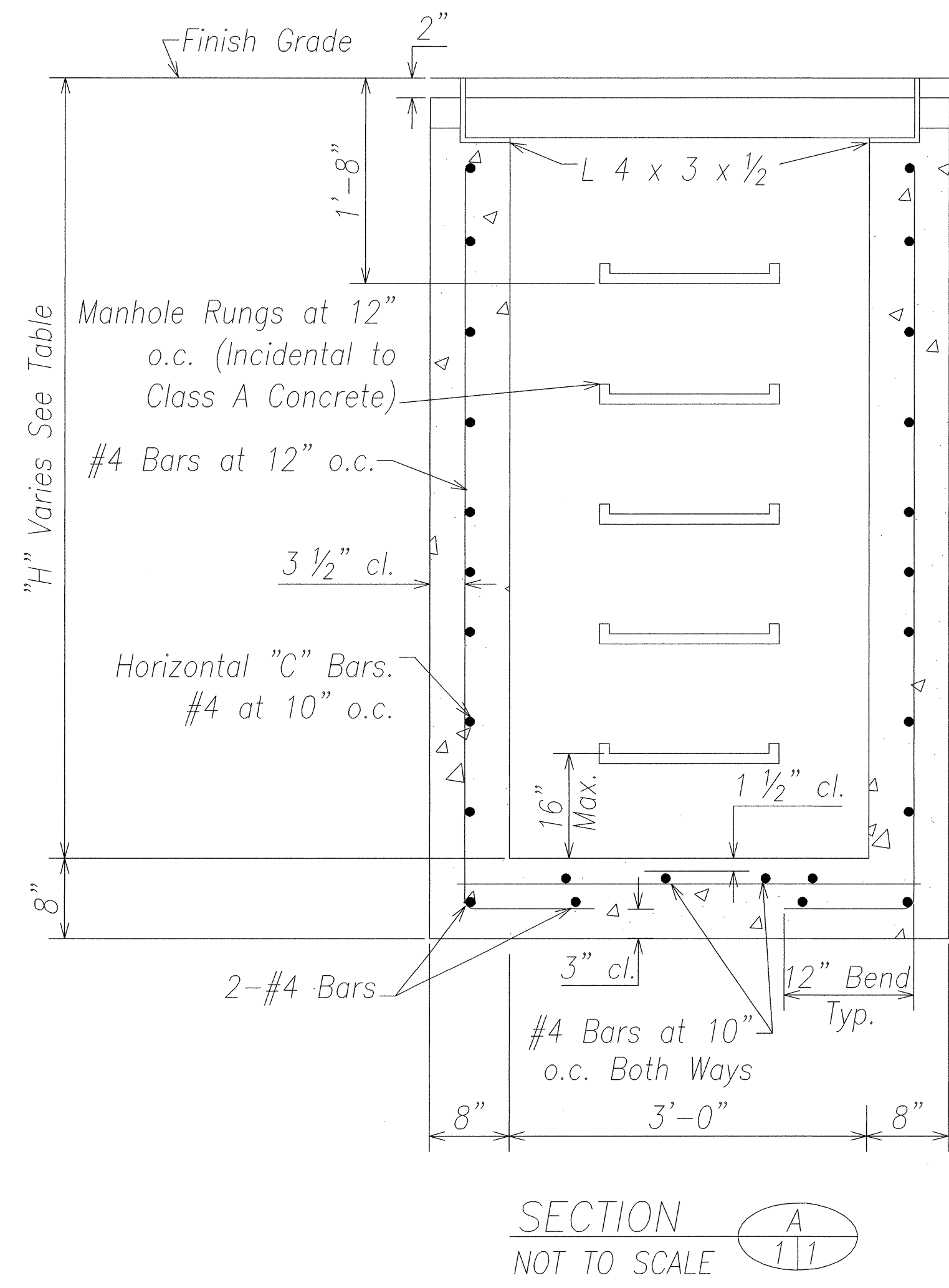
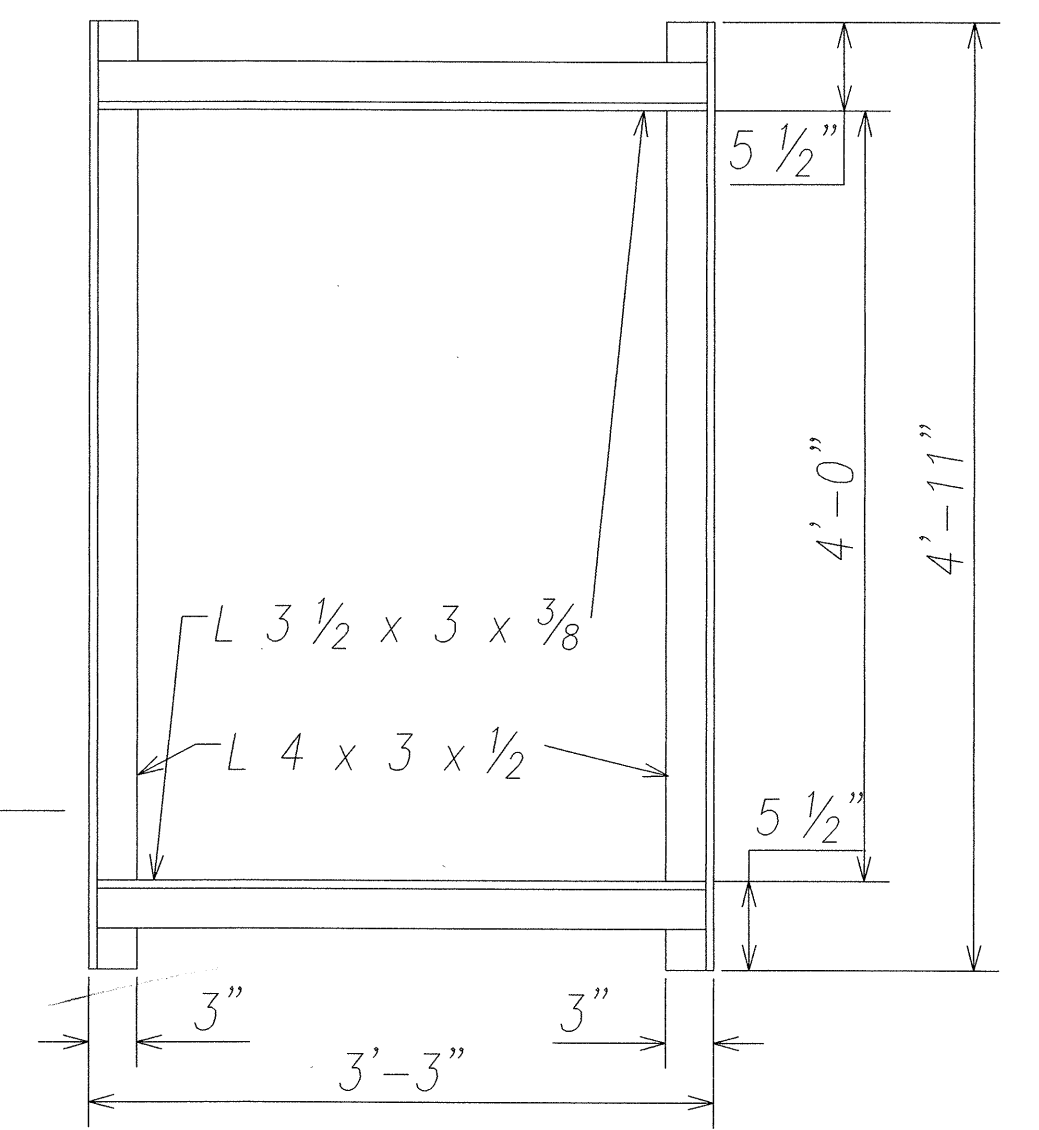
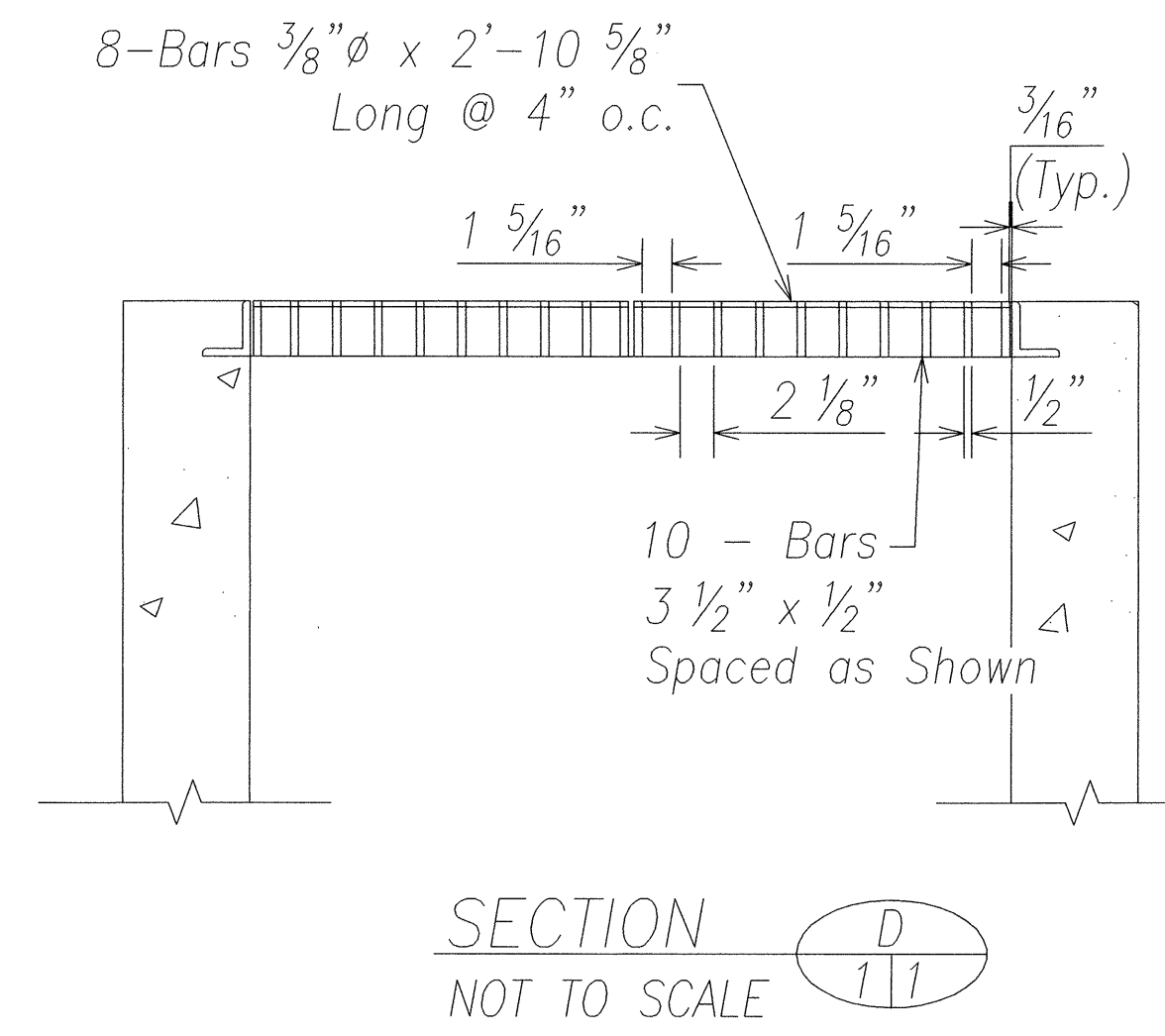
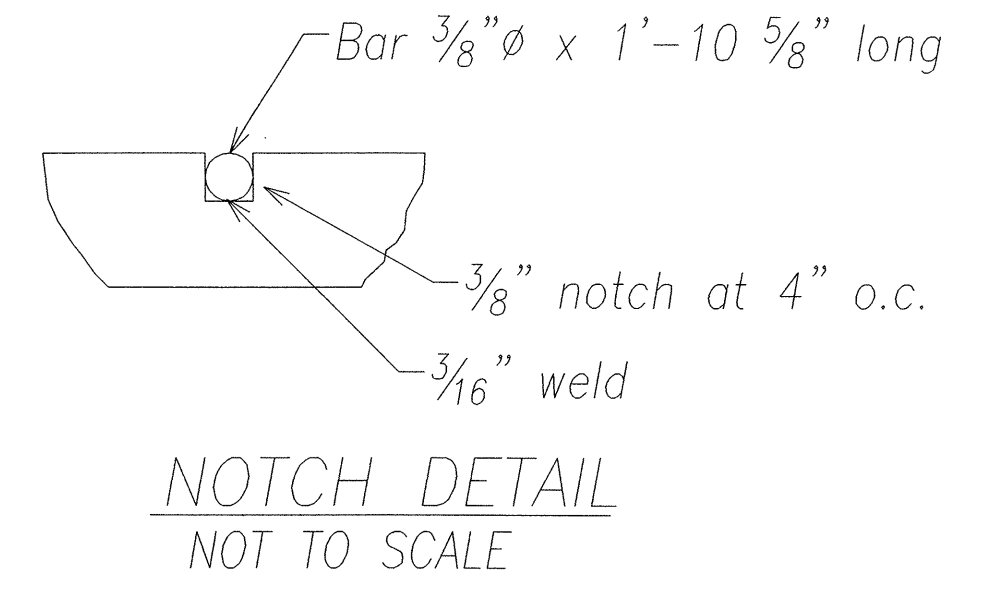
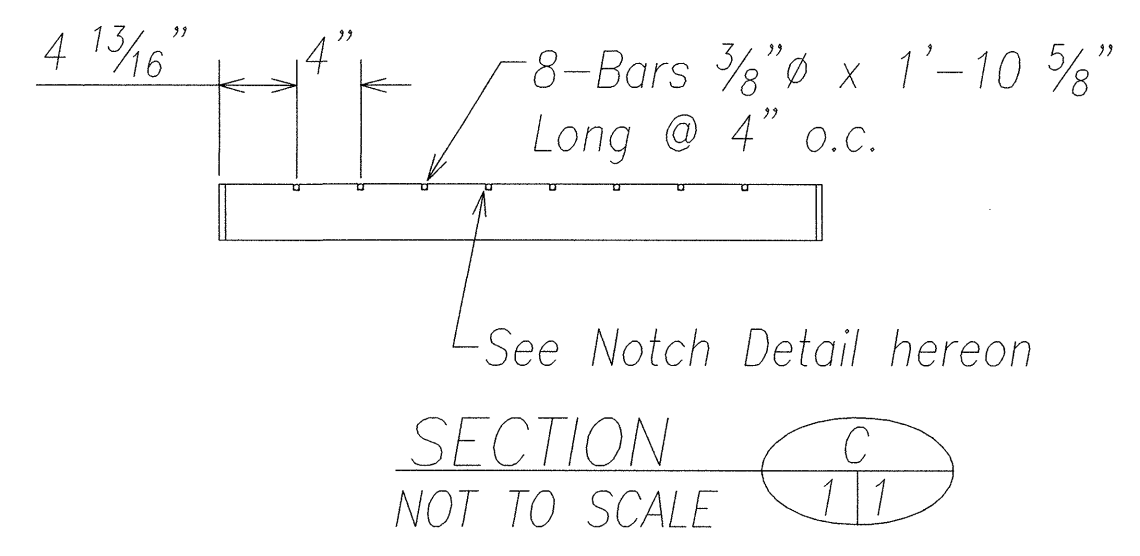
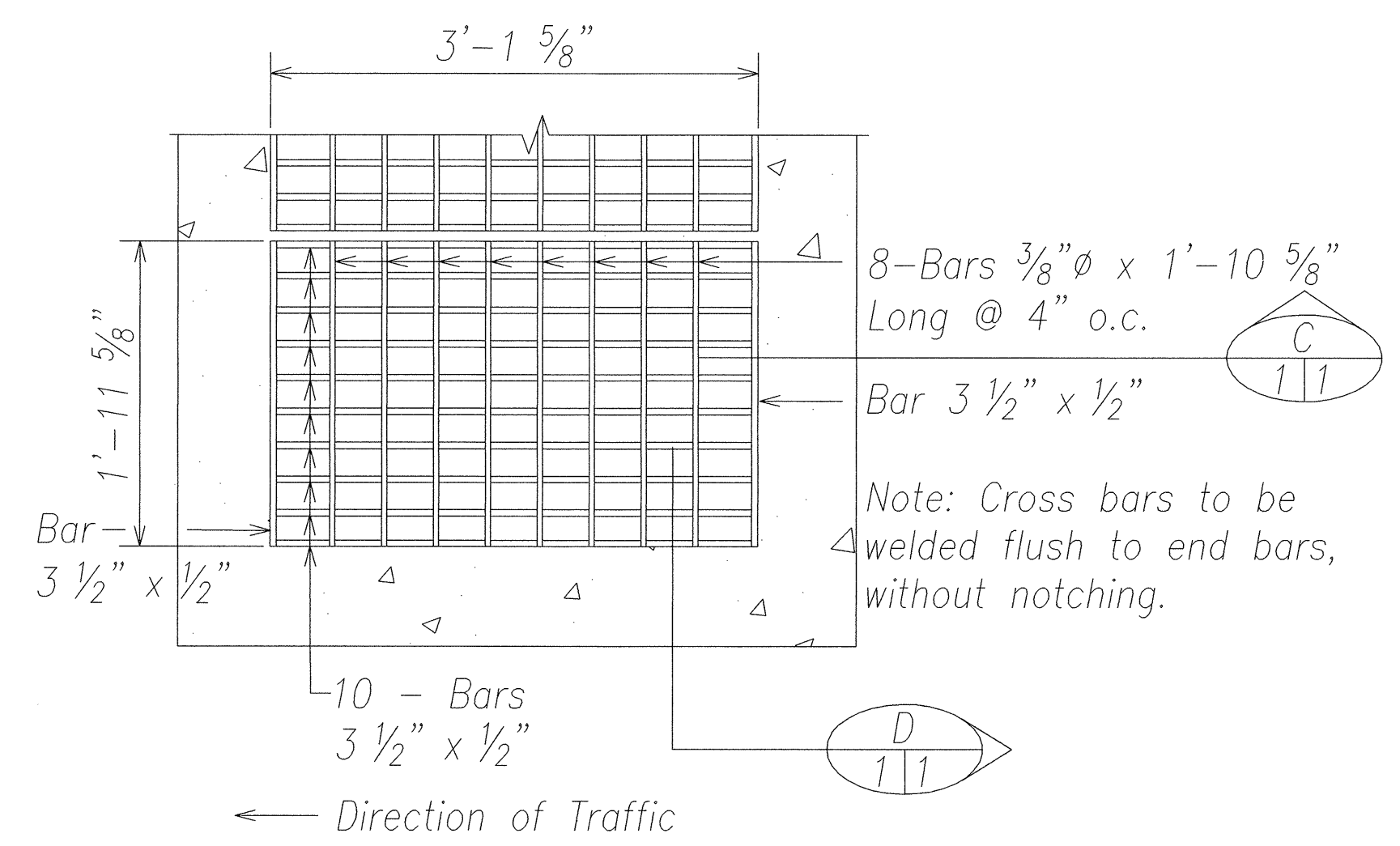
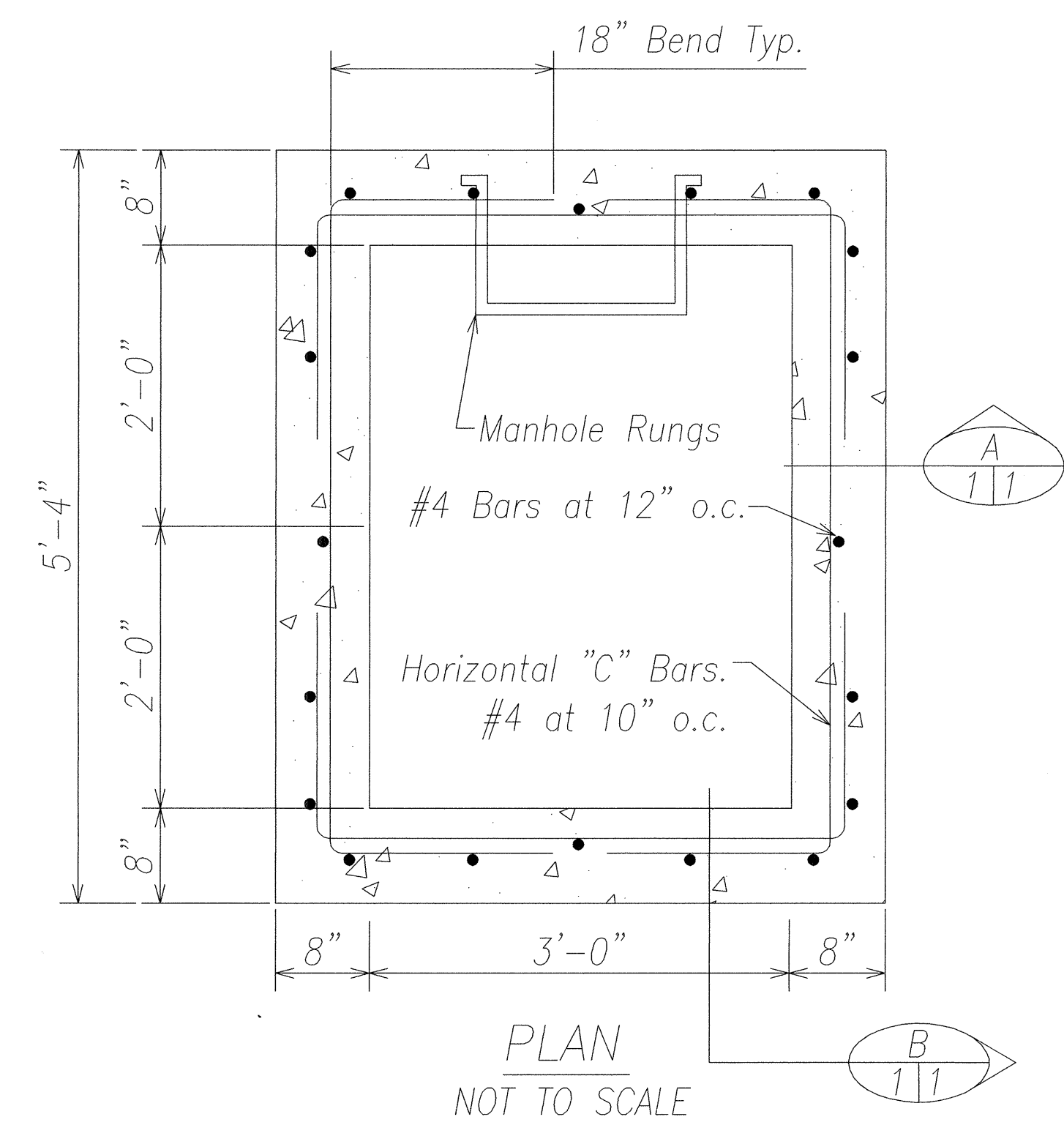


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	26	86

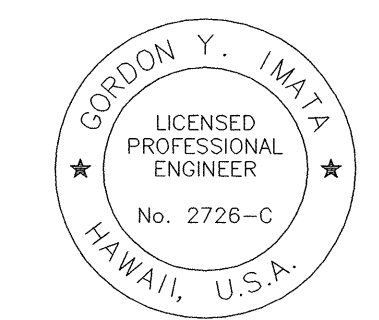


Station	GDI Size	Inv.	Top	H* (ft)
9+45 o/s Rt.	3'x4'	21.17	25.00	3.83
18+40 o/s Rt.	3'x4'	57.71	61.54	3.83
20+65 o/s Rt.	3'x4'	66.50	70.67	4.17
33+28 o/s Rt.	3'x6'	53.53	57.36	3.83
59+32 o/s Rt.	3'x6'	9.50	13.00	3.50
401+14 o/s Rt.	3'x4'	2.68	6.68	4.00
487+35 o/s Rt.	3'x4'	139.38	146.38	7.00
490+90 o/s Rt.	3'x4'	158.91	166.91	8.00
494+60 o/s Rt.	3'x4'	184.49	189.49	5.00

*Contractor to verify "H" before ordering materials

DATE	JAN. 2002
SURVEY PLOTTED BY	
ORIGINAL PLAN	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
REVISIONS	

GRATED DROP INLET DETAIL W/ MOD. A9-P FRAME & GRATE - 3'x4'



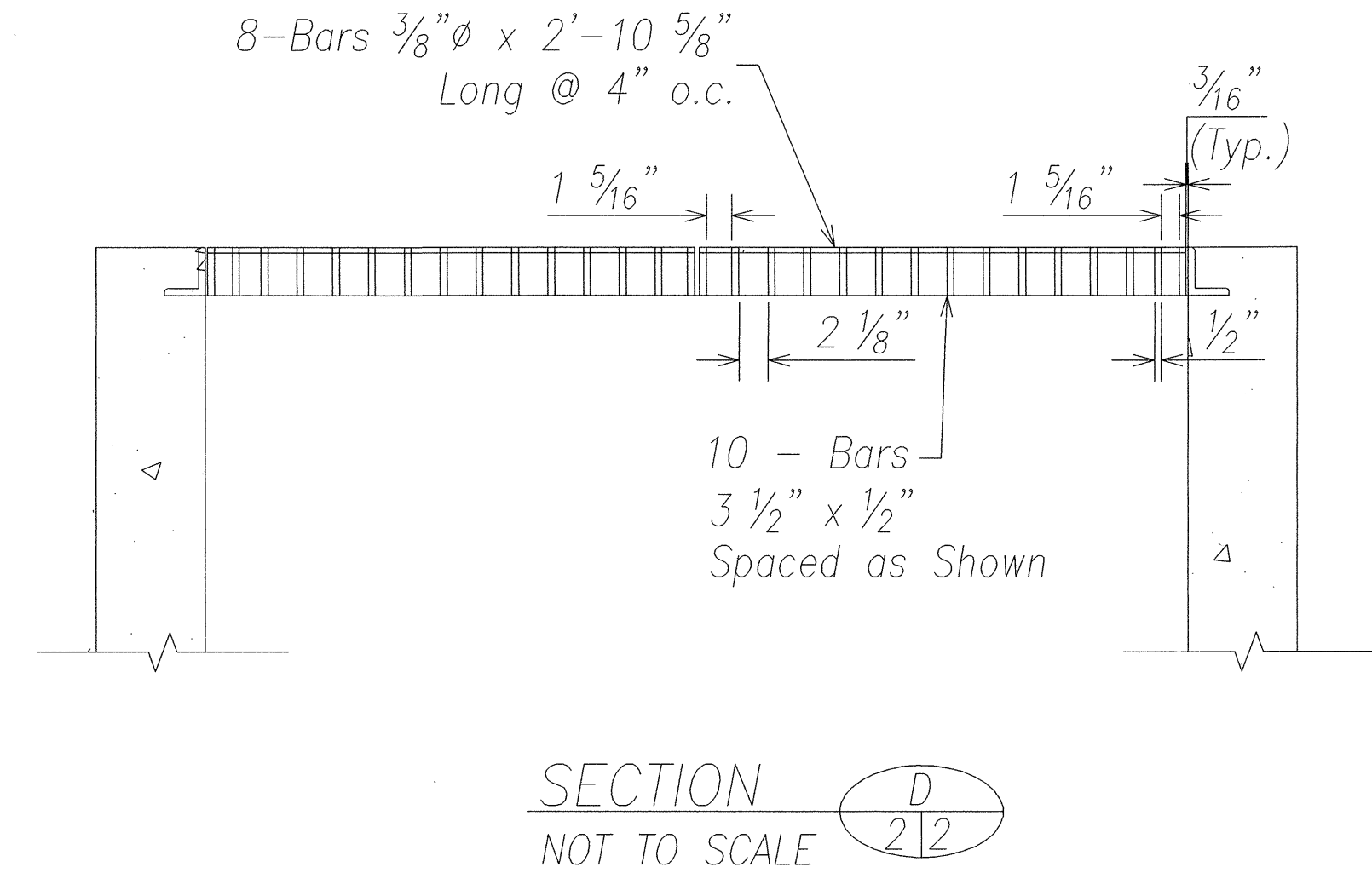
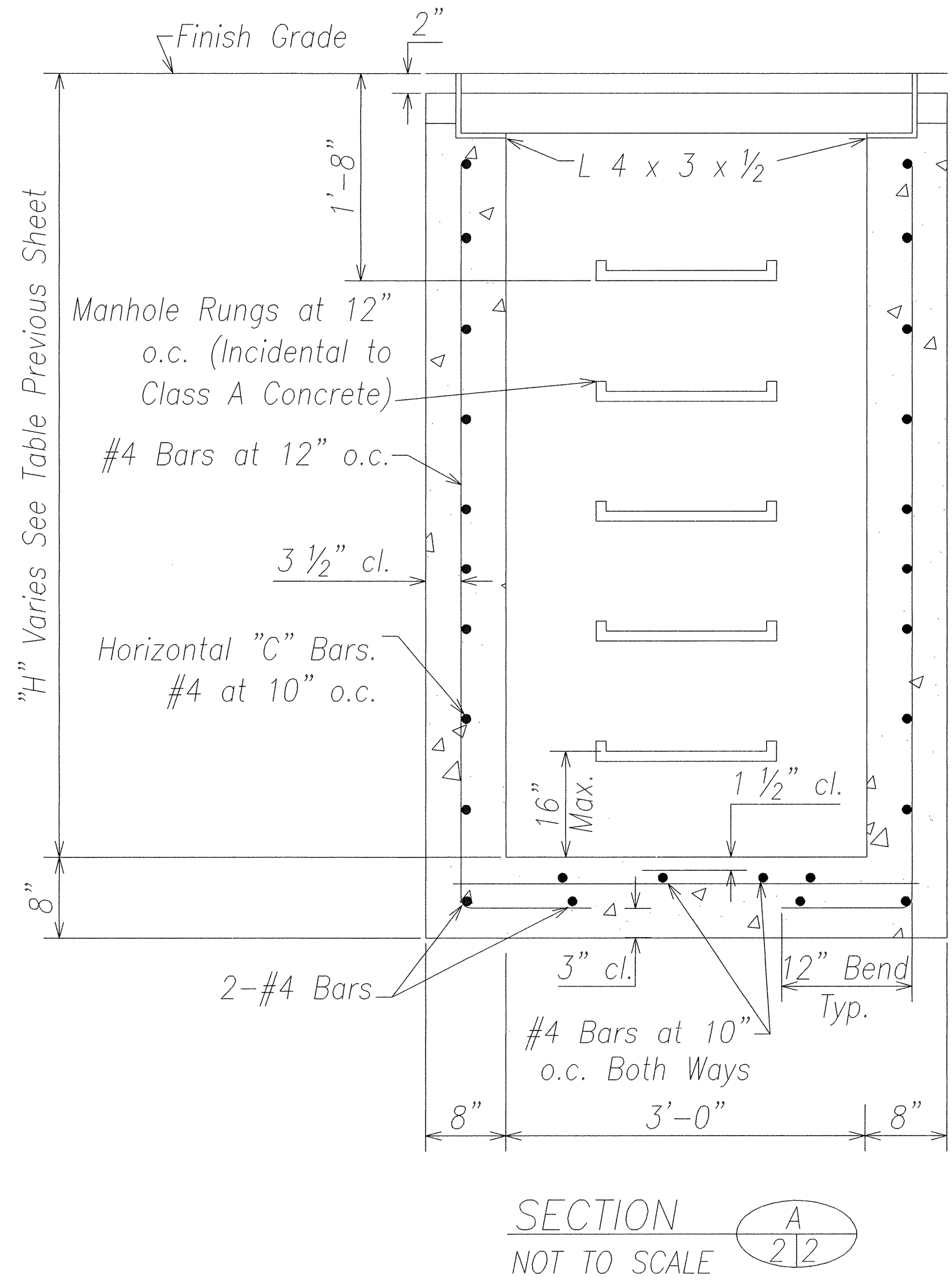
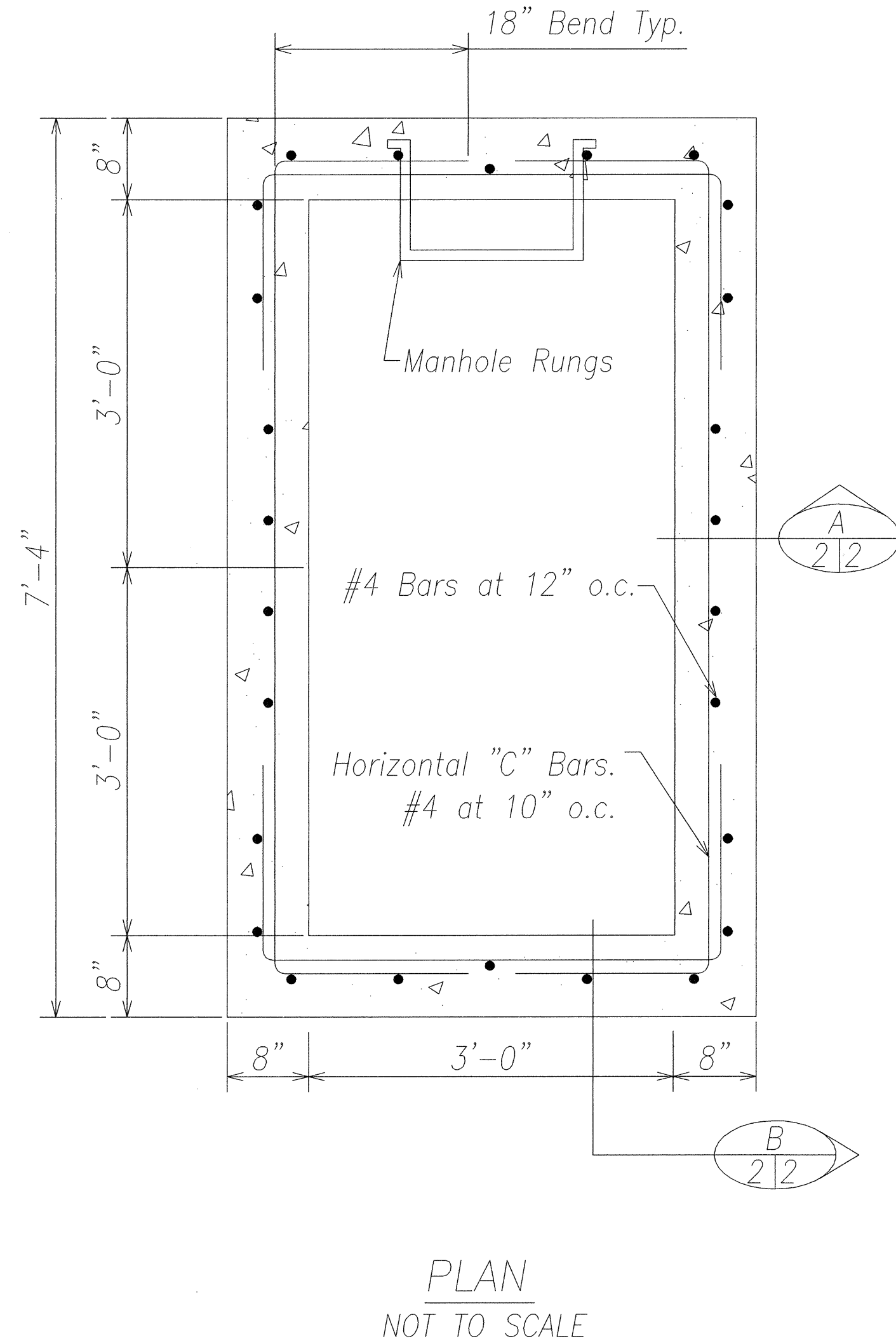
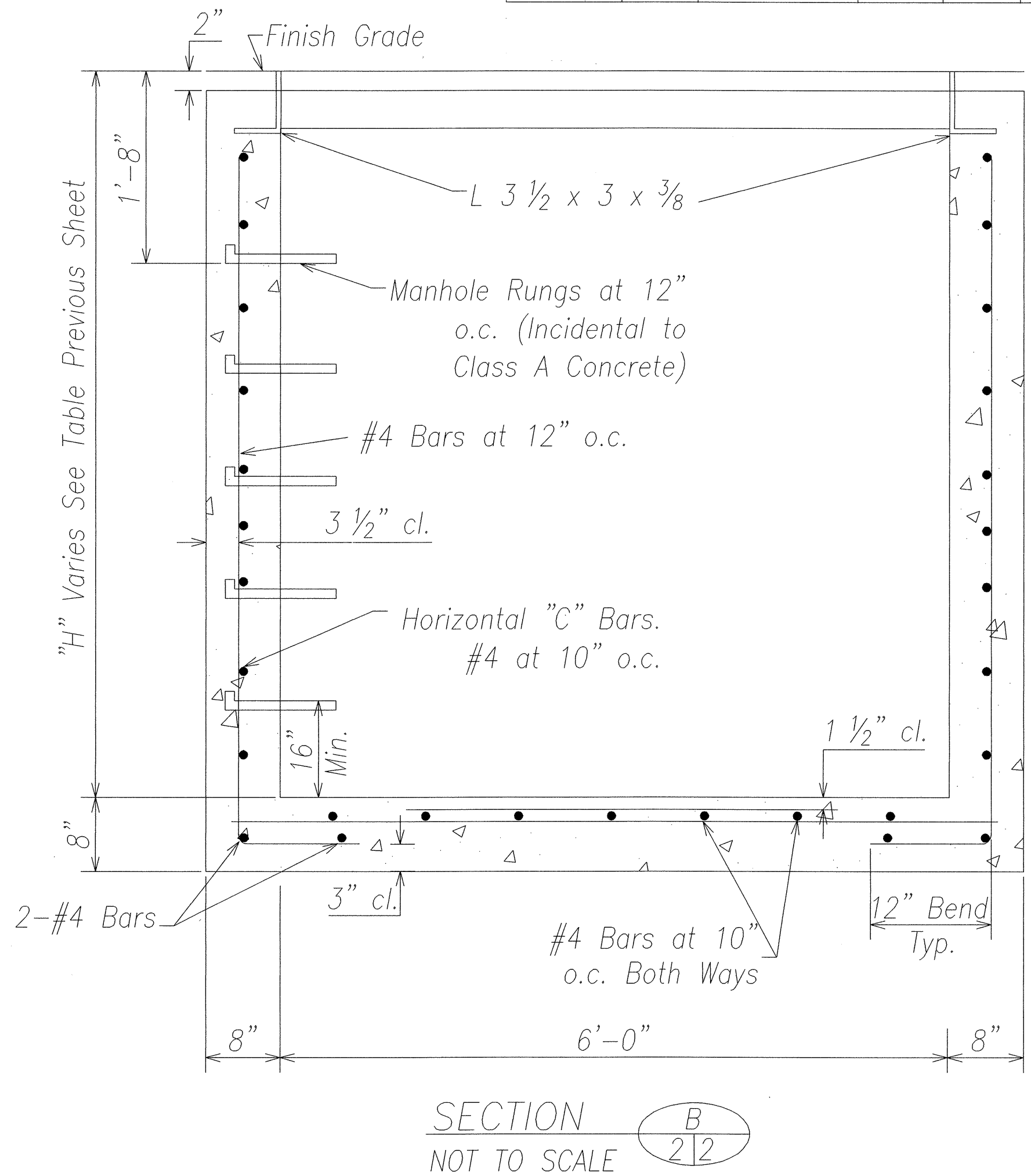
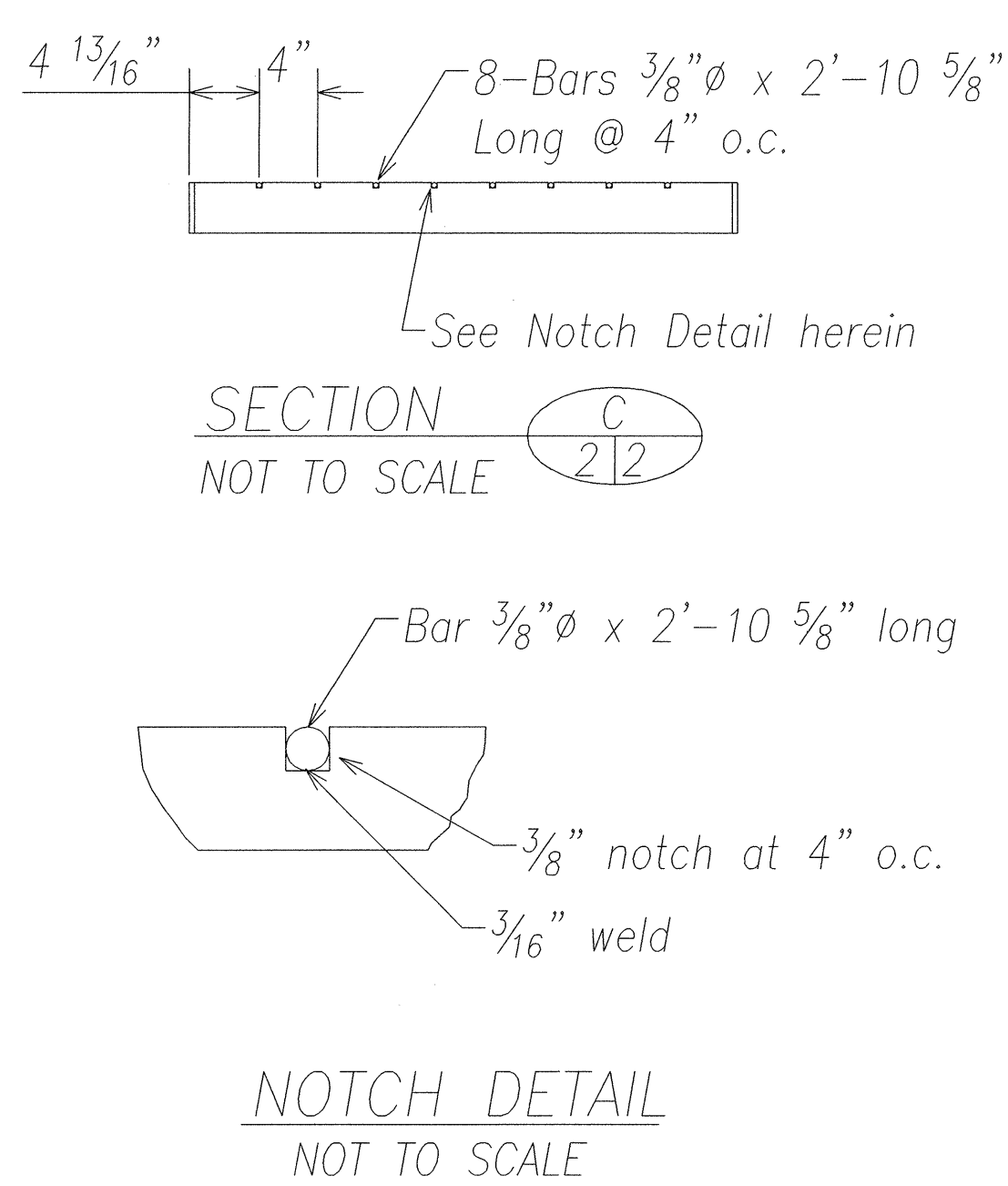
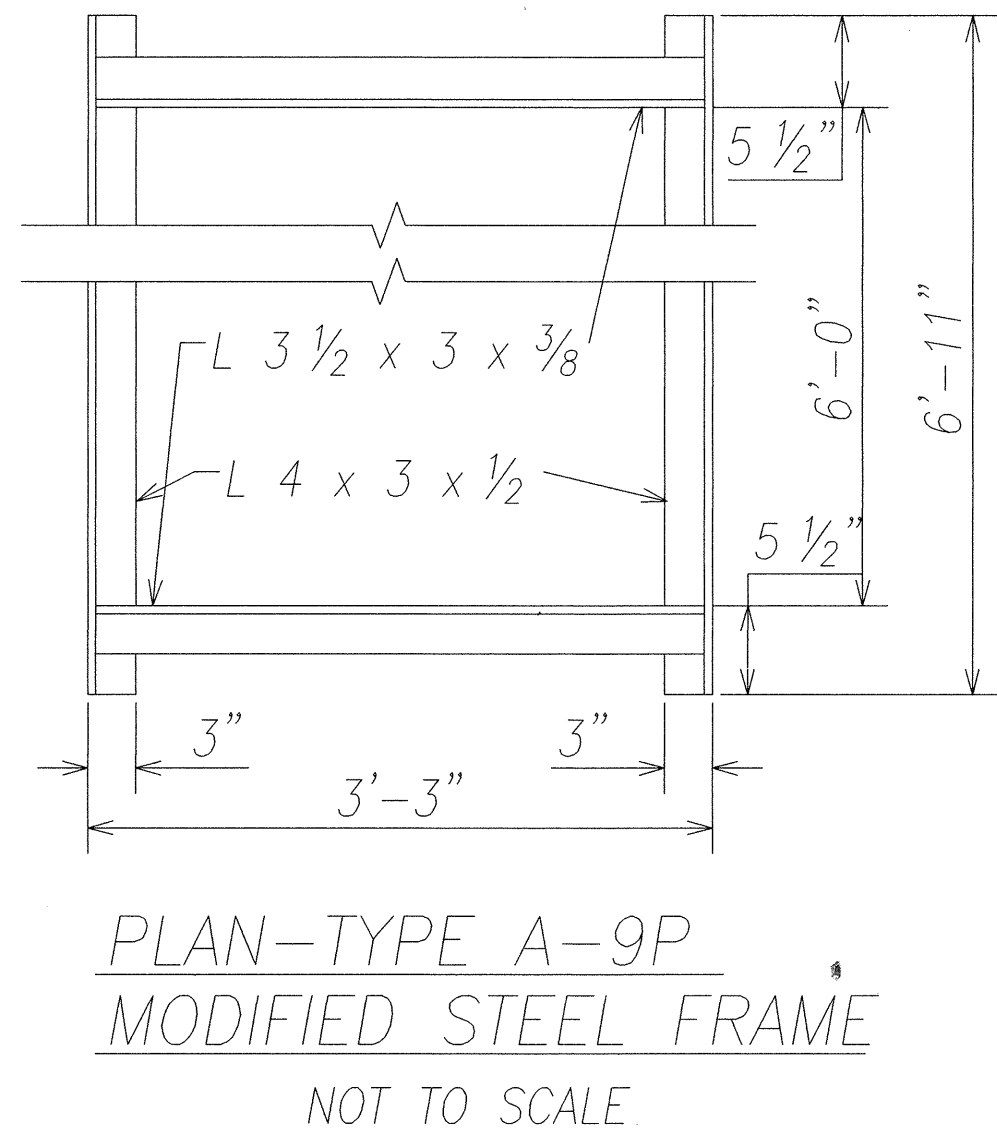
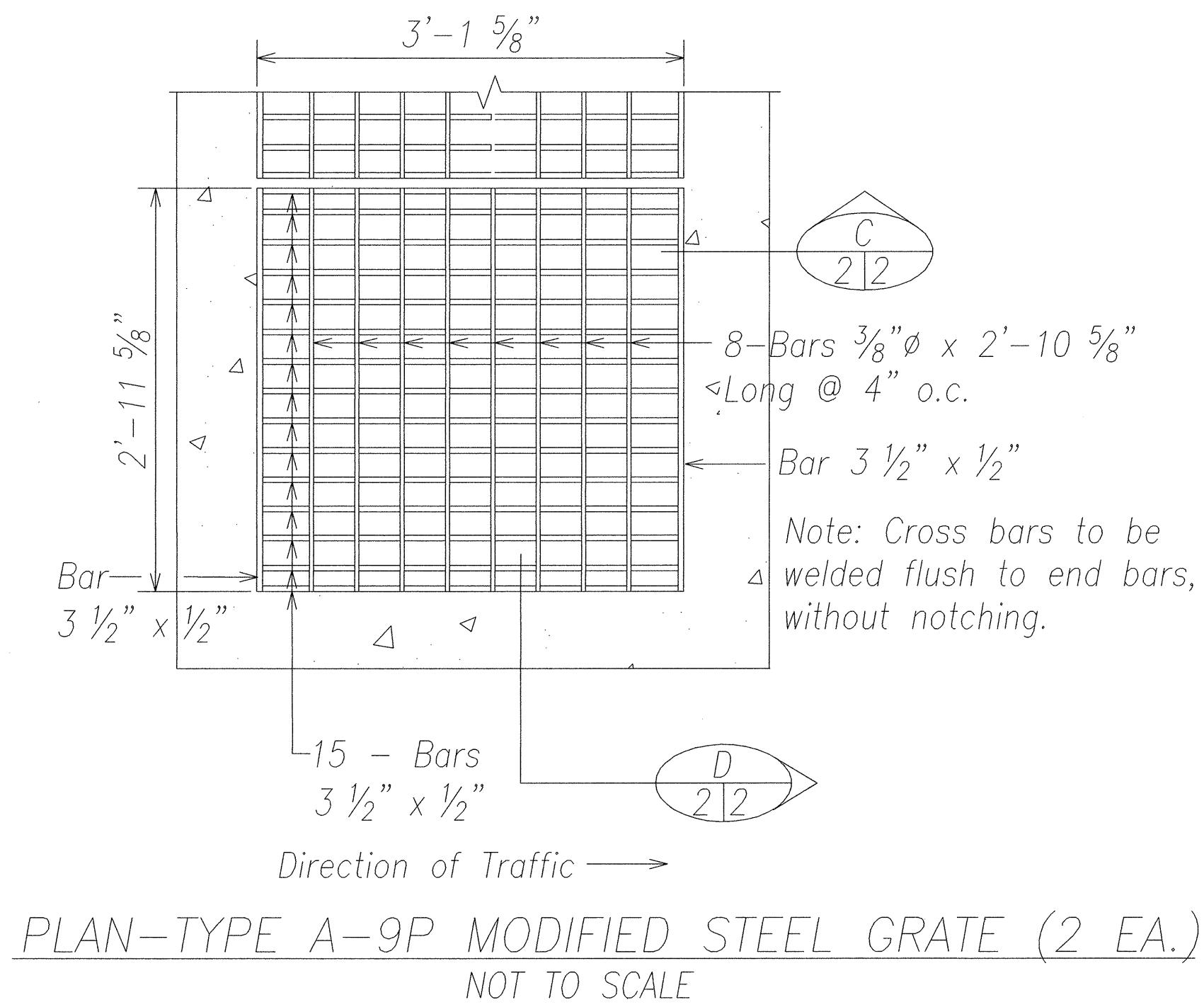
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
highways DIVISION

DRAINAGE DETAILS
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99

Scale: NTS
Date: February, 2002
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	560A-03-99	2002	27	86



DATE	JAN. 2001
DESIGNED BY	JA
CHECKED BY	JA
NOTED BY	JA
QUANTITIES BY	JA
NO.	27

GRADED DROP INLET DETAIL W/ MOD. A9-P FRAME & GRATE - 3'x6'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
highways DIVISION

DRAINAGE DETAILS
KUHIO HIGHWAY
SHOULDER IMPROVEMENTS
Haena to Princeville
Project No. 560A-03-99

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ME OR UNDER MY SUPERVISION.
[Signature]

Scale: NTS Date: February, 2002
SHEET No. 2 OF 2 SHEETS