

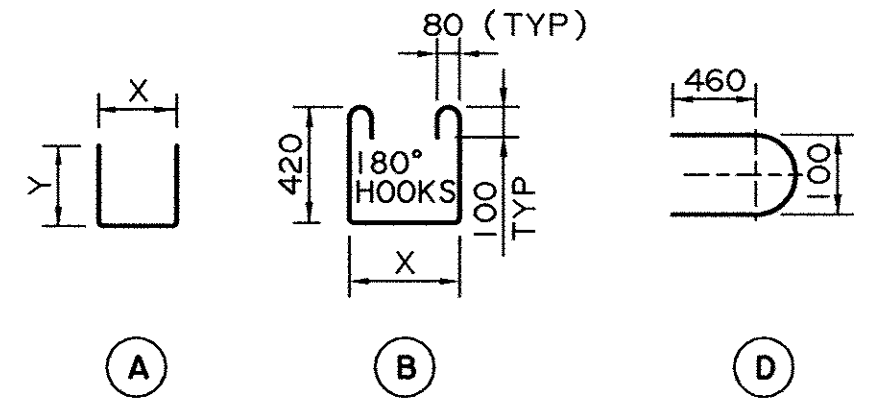
NOTE: FOR SKEWED END REINFORCING BAR DETAILS
SEE DWG S-1736-07

BAR LIST: FOR SQUARE GIRDER							
MARK	SIZE	No.	TYPE	X	Y	LENGTH	MASS
G1001	10	38	A	1 125	300	1 725	51
G1002	10	8	B	280		1 380	9
G1003	10	39	B	1 125		2 225	68
G1004	10	35	B	410		1 510	41
G1005	10	2	A	1 000	300	1 600	3
G1006	10	12	D			1 075	10
G1007	10	5	STR			8 430	33
G1008	10	2	STR			8 330	13

TOTAL PLAIN kg: 228

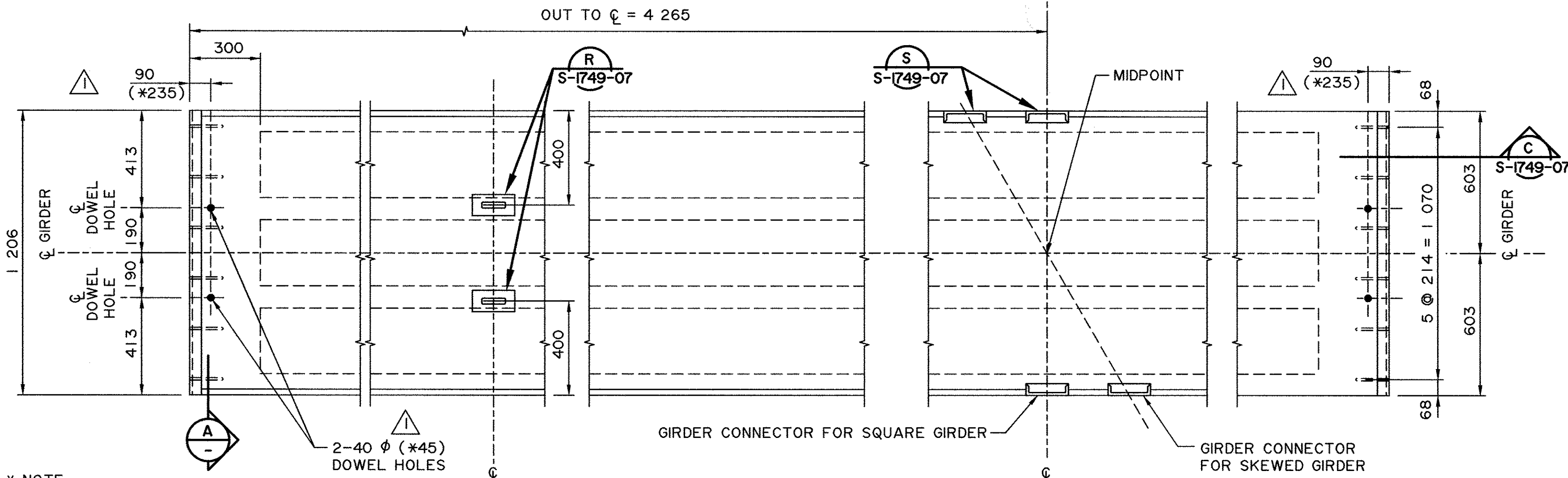
BAR TYPES

(ALL BAR DIMENSIONS ARE OUT TO OUT)



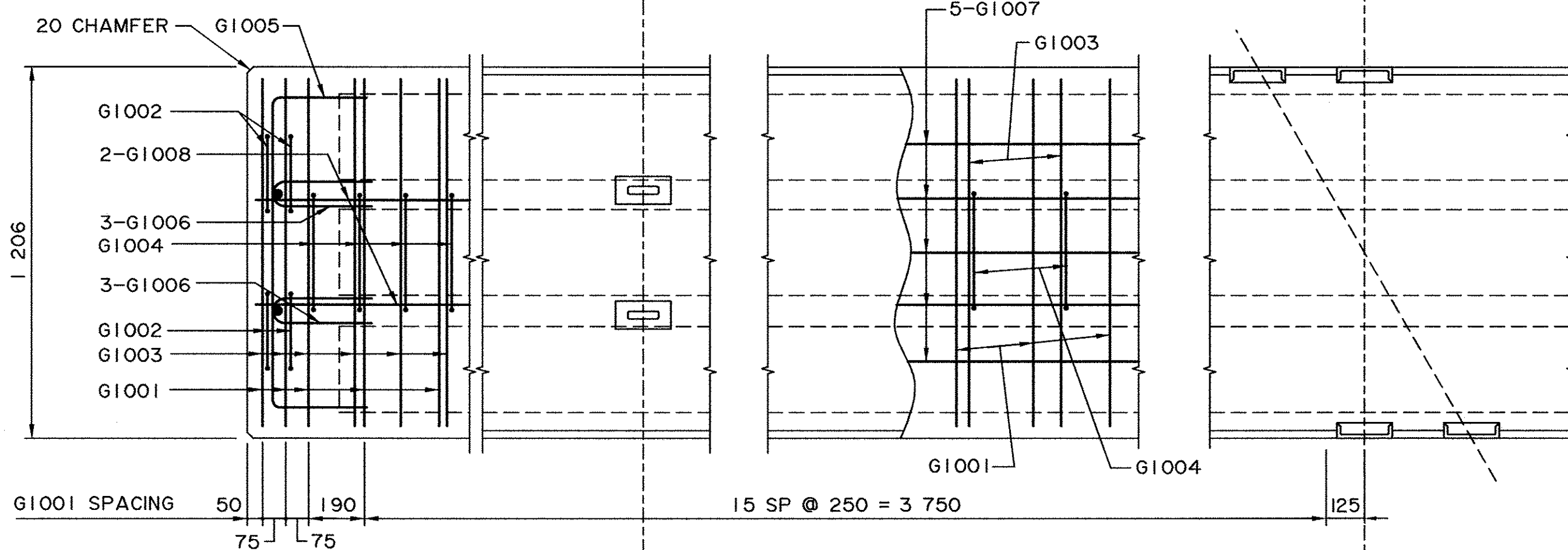
GENERAL NOTES

- FOR ADDITIONAL NOTES, REFER TO DWG S-1749-07.
- 14-15 ϕ 7 WIRE STRANDS REQUIRED PER GIRDER.
- FORCE IN PRESTRESSING STEEL:
INITIAL TENSION BEFORE RELEASE = 195 kN/STRAND
DESIGN LOAD AFTER LOSSES = 154 kN/STRAND
- CALCULATED MASS OF ONE GIRDER = 9.4 TONNES



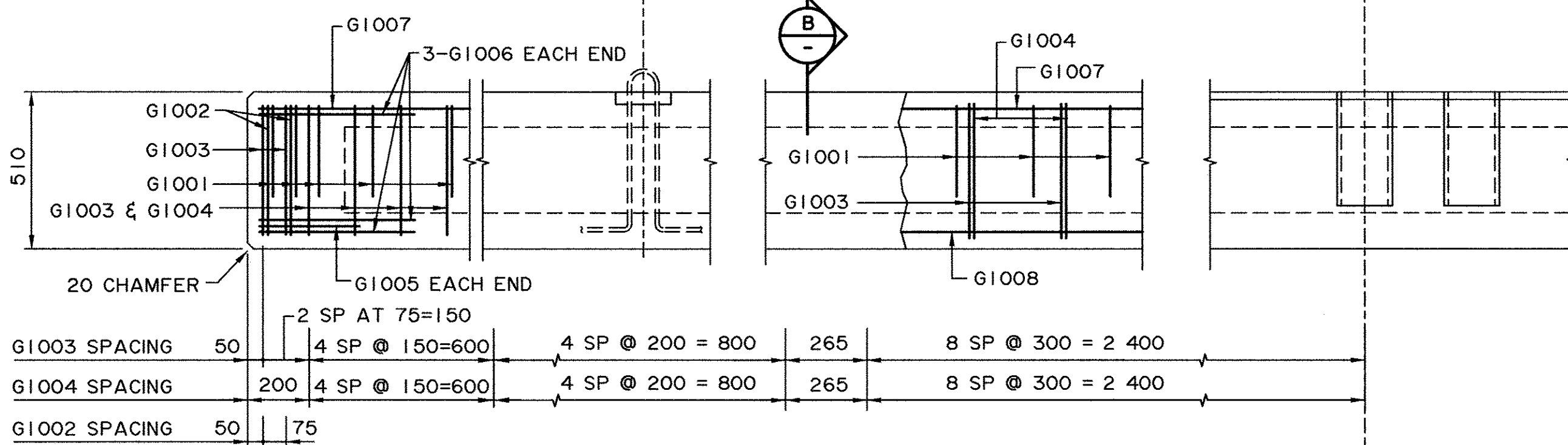
PLAN VIEW
1:15

* NOTE:
FOR BACKWALL TYPE ABUTMENTS, DOWEL HOLES
SHALL BE 45 DIA WITH THE CENTERLINE
OF HOLE LOCATED 235 FROM THE END OF GIRDER
REFER TO STANDARD DRAWING S-1756 FOR
ADDITIONAL DETAILS.

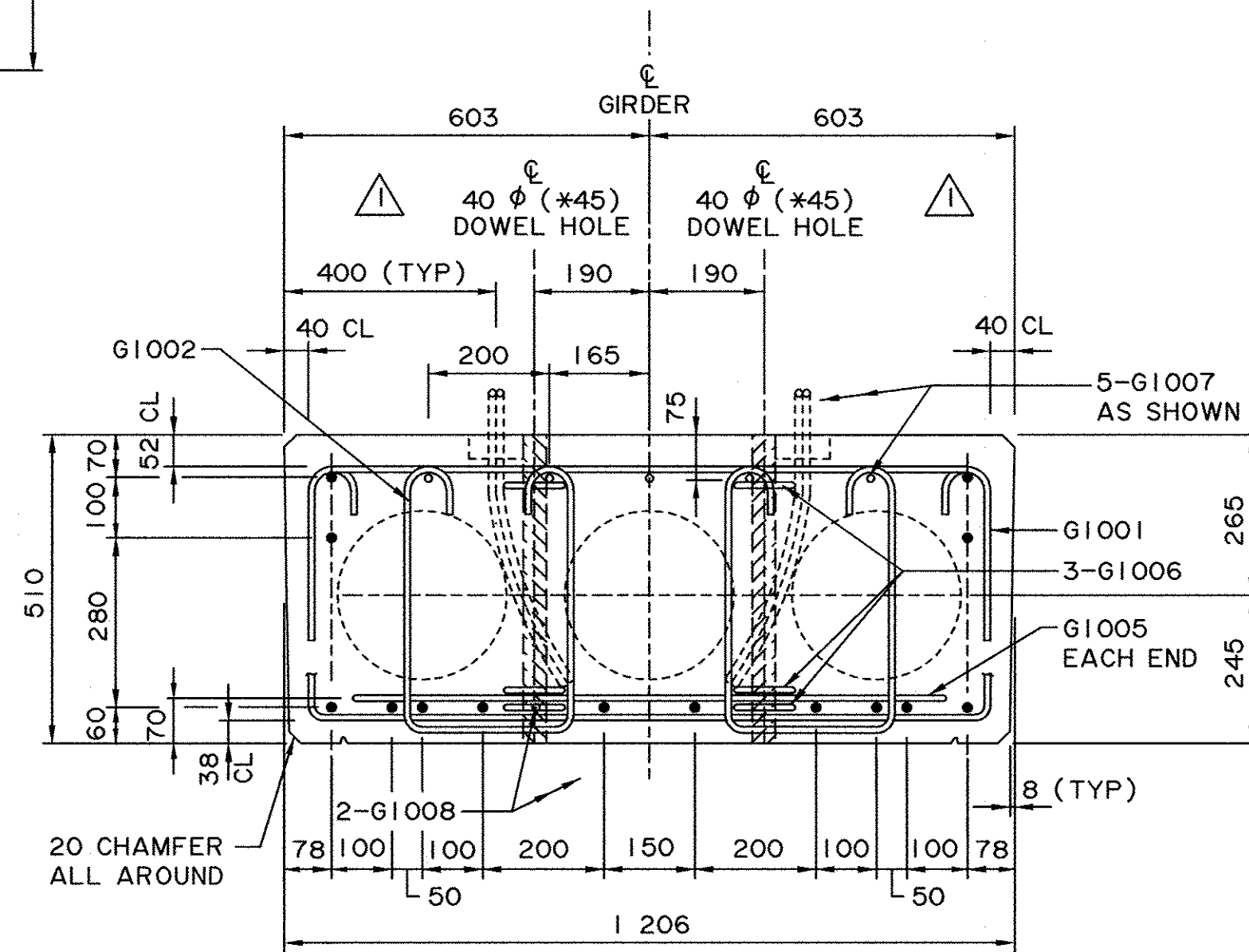


REINFORCEMENT PLAN
1:15

NOTE:
BEND REINFORCING BAR WHERE NECESSARY TO
ACCOMMODATE CHANNEL CONNECTORS. STIRRUP
SPACING TO BE MAINTAINED.

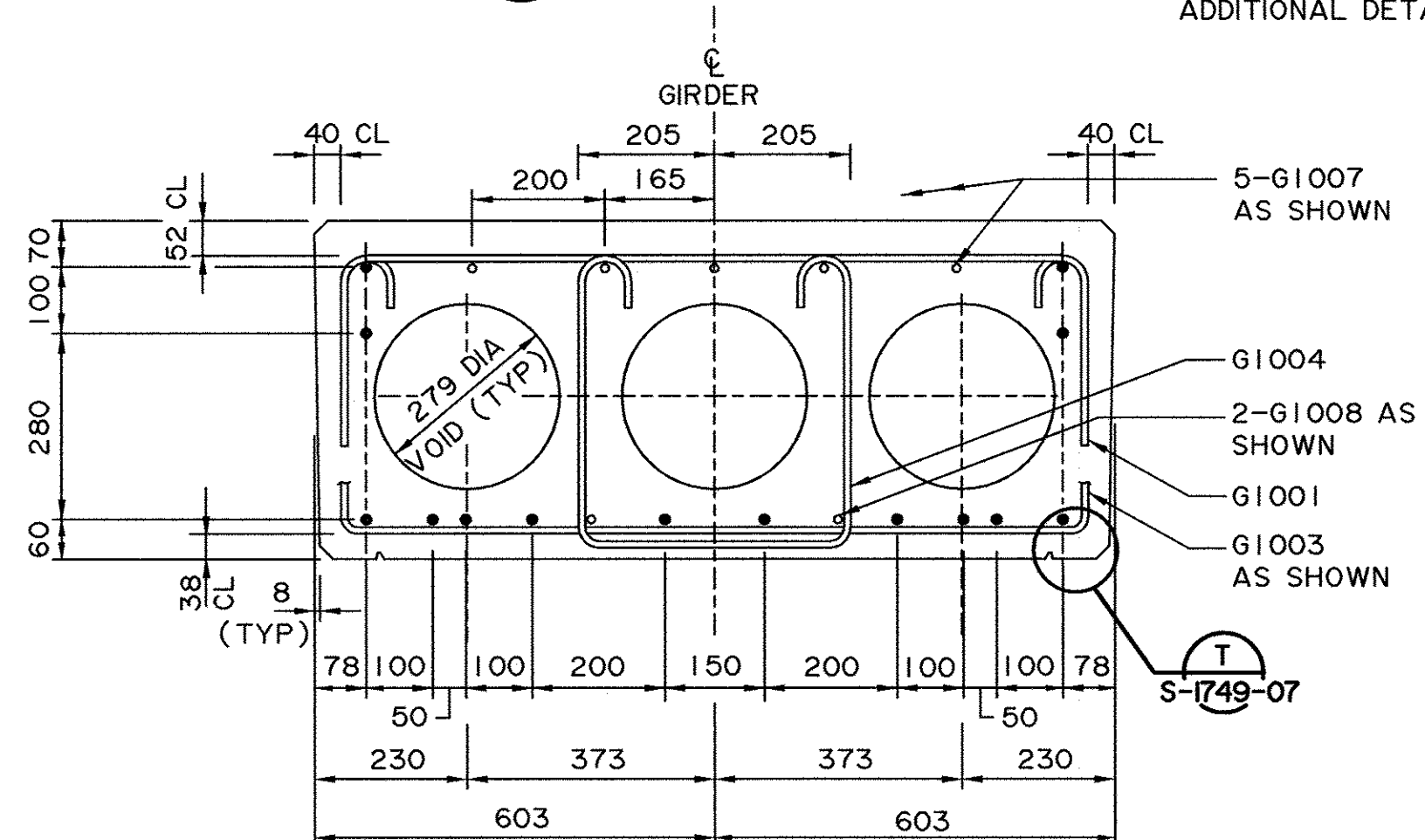


ELEVATION
1:15



SECTION A-A
1:10

* NOTE:
FOR BACKWALL TYPE ABUTMENTS, DOWEL HOLES
SHALL BE 45 DIA WITH THE CENTERLINE
OF HOLE LOCATED 235 FROM THE END OF GIRDER
REFER TO STANDARD DRAWING S-1756 FOR
ADDITIONAL DETAILS.



SECTION B-B
1:10

WORK THESE DRAWINGS TOGETHER : S-1735-07, S-1736-07 AND S-1749-07

 BPTEC - DNW Engineering Ltd. Suite 200, 4220-98 St Edmonton, AB T6E 6A1 Ph: (780) 436-5376 Fax: (780) 435-4843 www.bptec-dnw.com 556-46	PERMIT TO PRACTICE BPTEC-DNW ENGINEERING LTD. Signature: Scott Donald Date: AUG 1, 2007 PERMIT NUMBER: POI32 The Association of Professional Engineers Geologists and Geophysicists of Alberta	DESIGNER 	CHECKER 	REV DATE 2009-05-14	REVISIONS REVISED DOWEL HOLE SIZE AND LOCATION	BY CM	RECOMMENDED DIRECTOR BRIDGE ENGINEERING ORIGINAL SIGNED BY: TOM LOO	Albarta INFRASTRUCTURE AND TRANSPORTATION PRESTRESSED CONCRETE 8.53 m TYPE SL-510 INTERIOR GIRDER
		DATE	DATE	DATE	DATE	DATE	DATE	