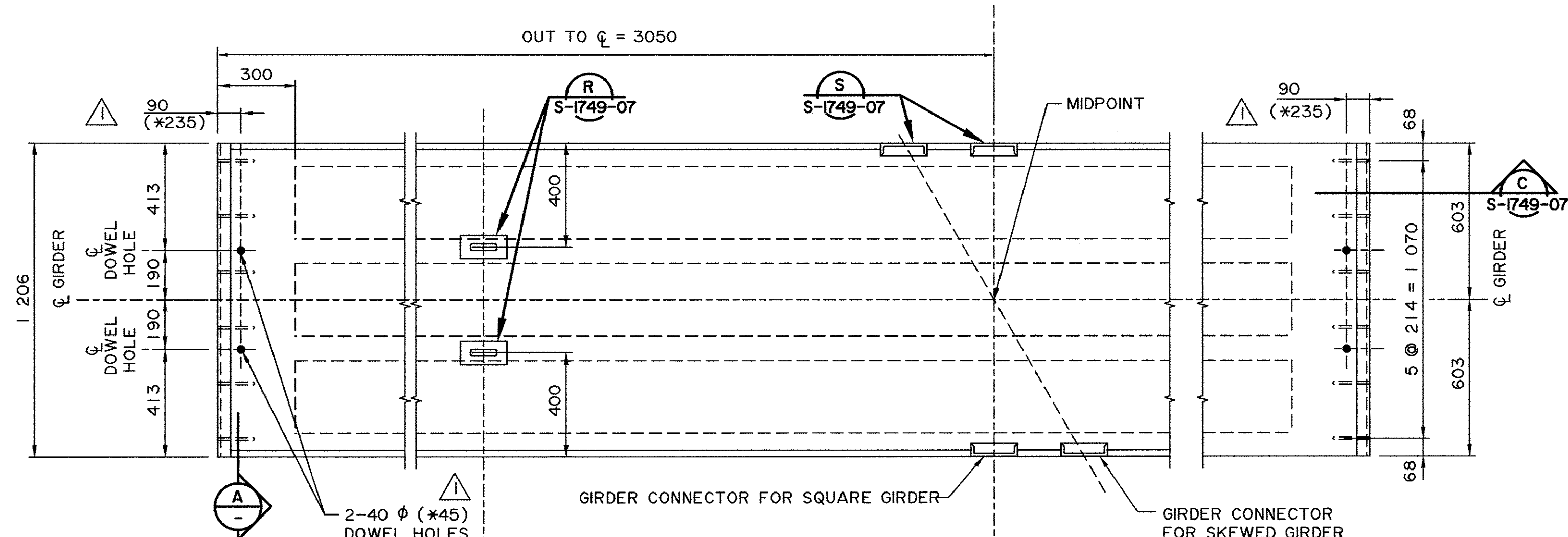
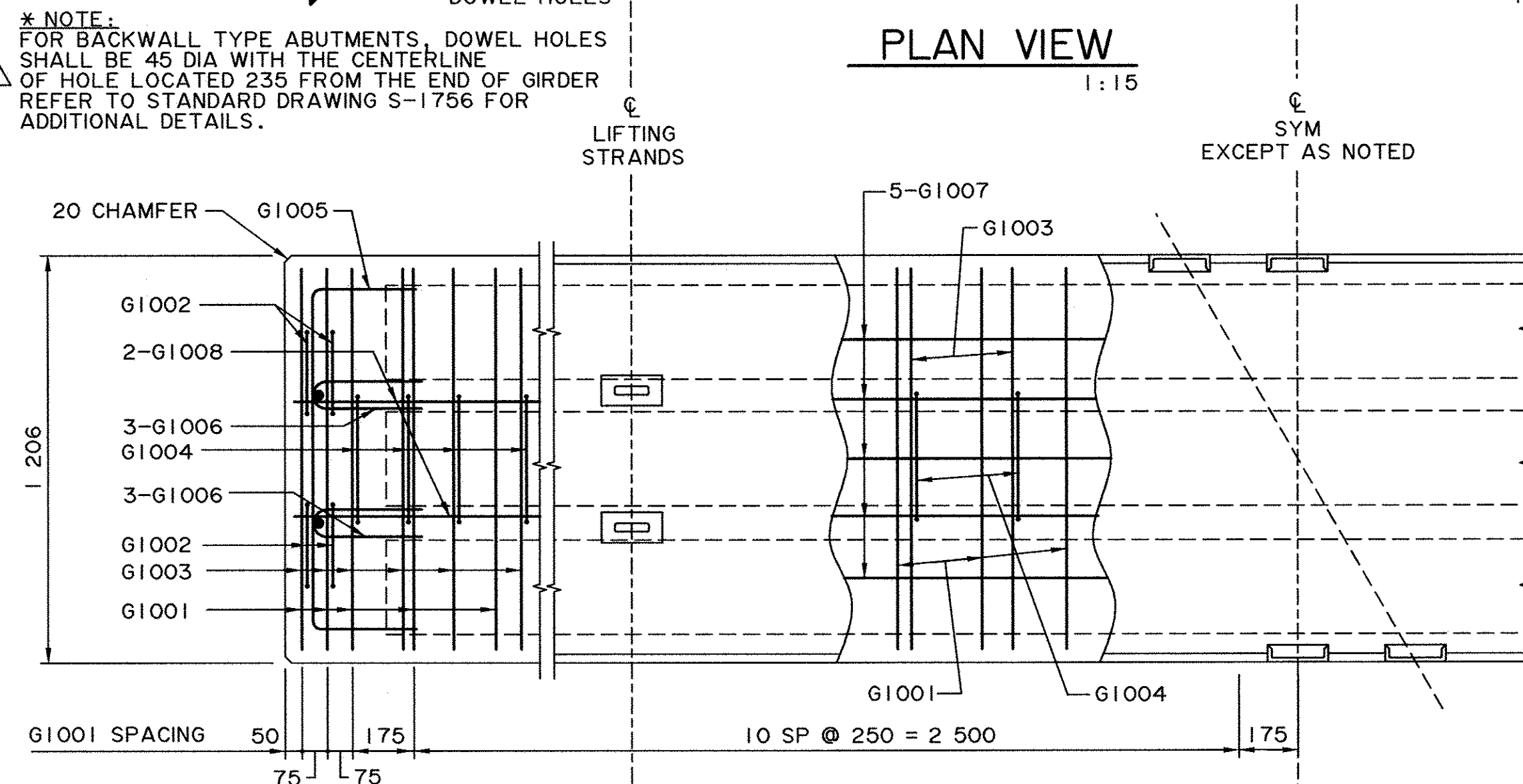


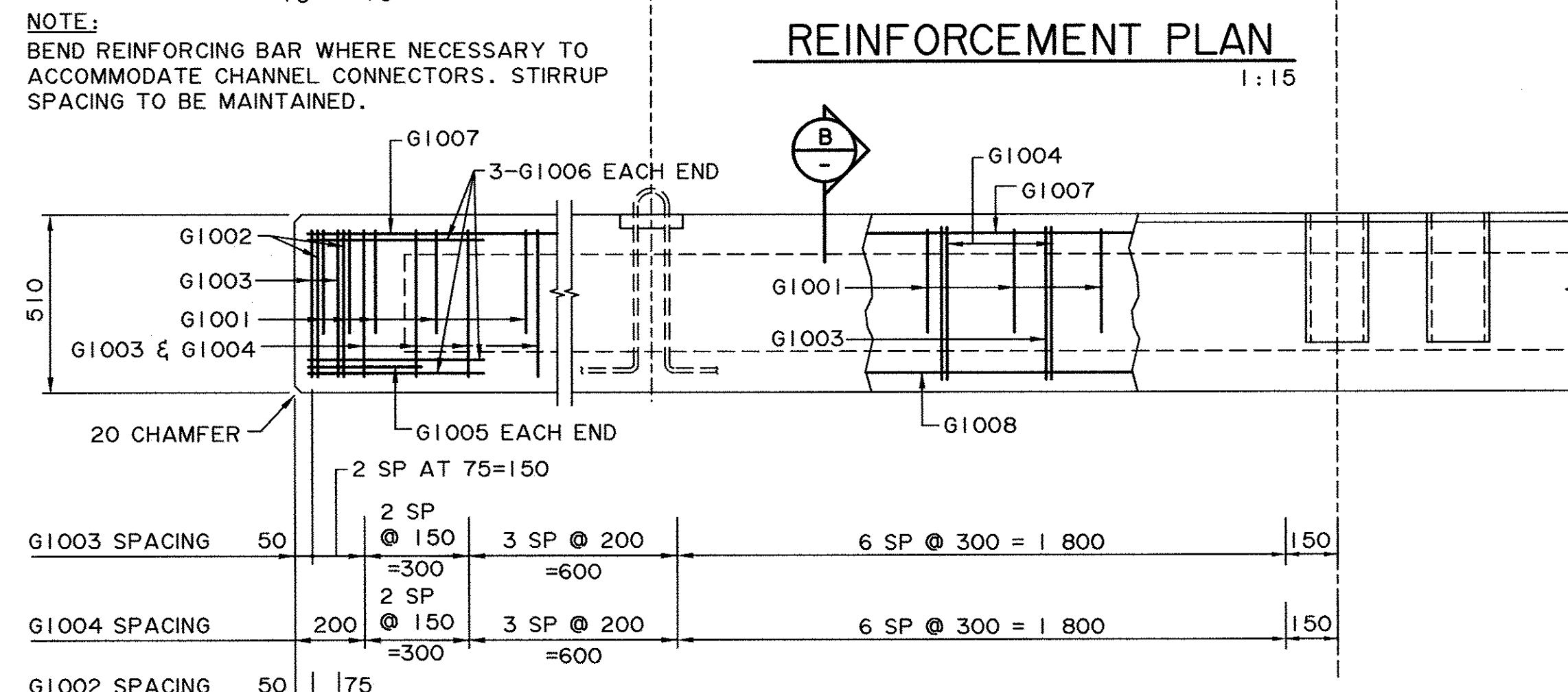
NOTE: FOR SKEWED END REINFORCING BAR DETAILS
SEE DWG S-1734-07



PLAN VIEW
1:15



REINFORCEMENT PLAN
1:15



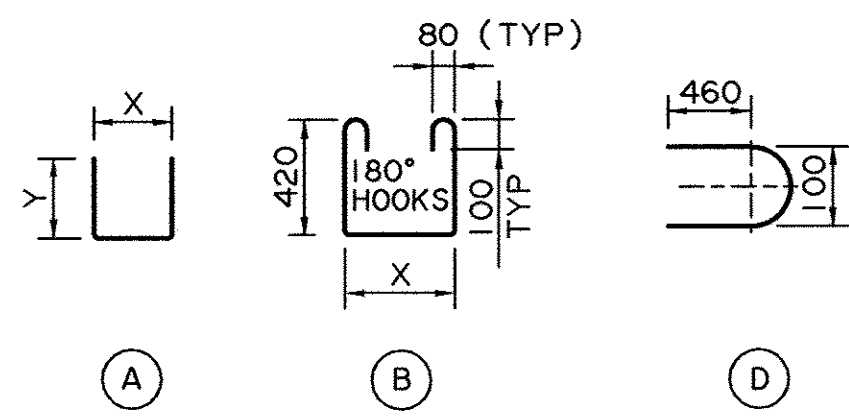
ELEVATION
1:15

BAR LIST: FOR SQUARE GIRDER							
MARK	SIZE	No.	TYPE	X	Y	LENGTH	MASS
G1001	10	29	A	1 125	300	1 725	39
G1002	10	8	B	280		1 380	9
G1003	10	28	B	1 125		2 225	49
G1004	10	24	B	410		1 510	28
G1005	10	2	A	1 000	300	1 600	3
G1006	10	12	D			1 075	10
G1007	10	5	STR			6 000	24
G1008	10	2	STR			5 900	9

TOTAL PLAIN kg: 171

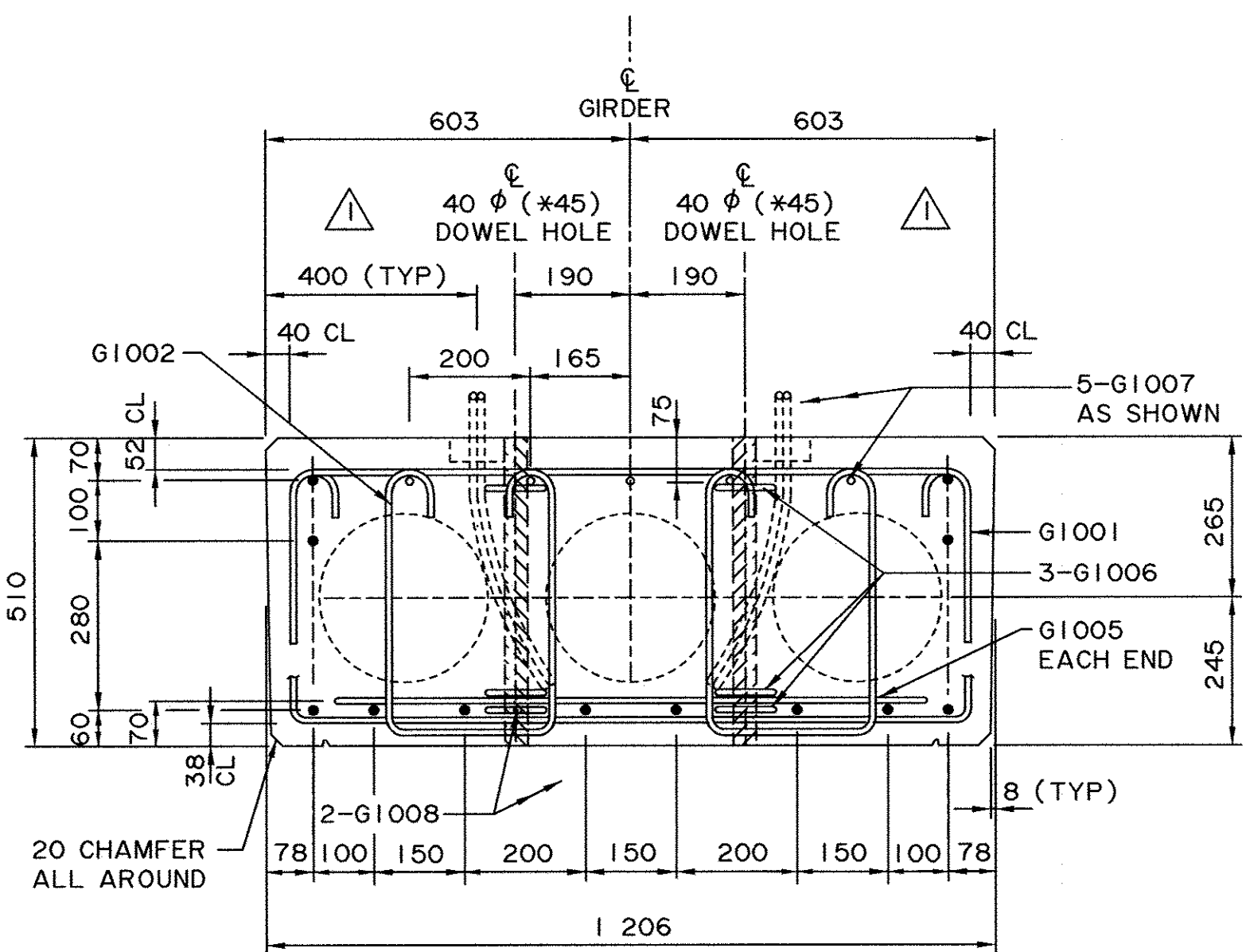
BAR TYPES

(ALL BAR DIMENSIONS ARE OUT TO OUT)



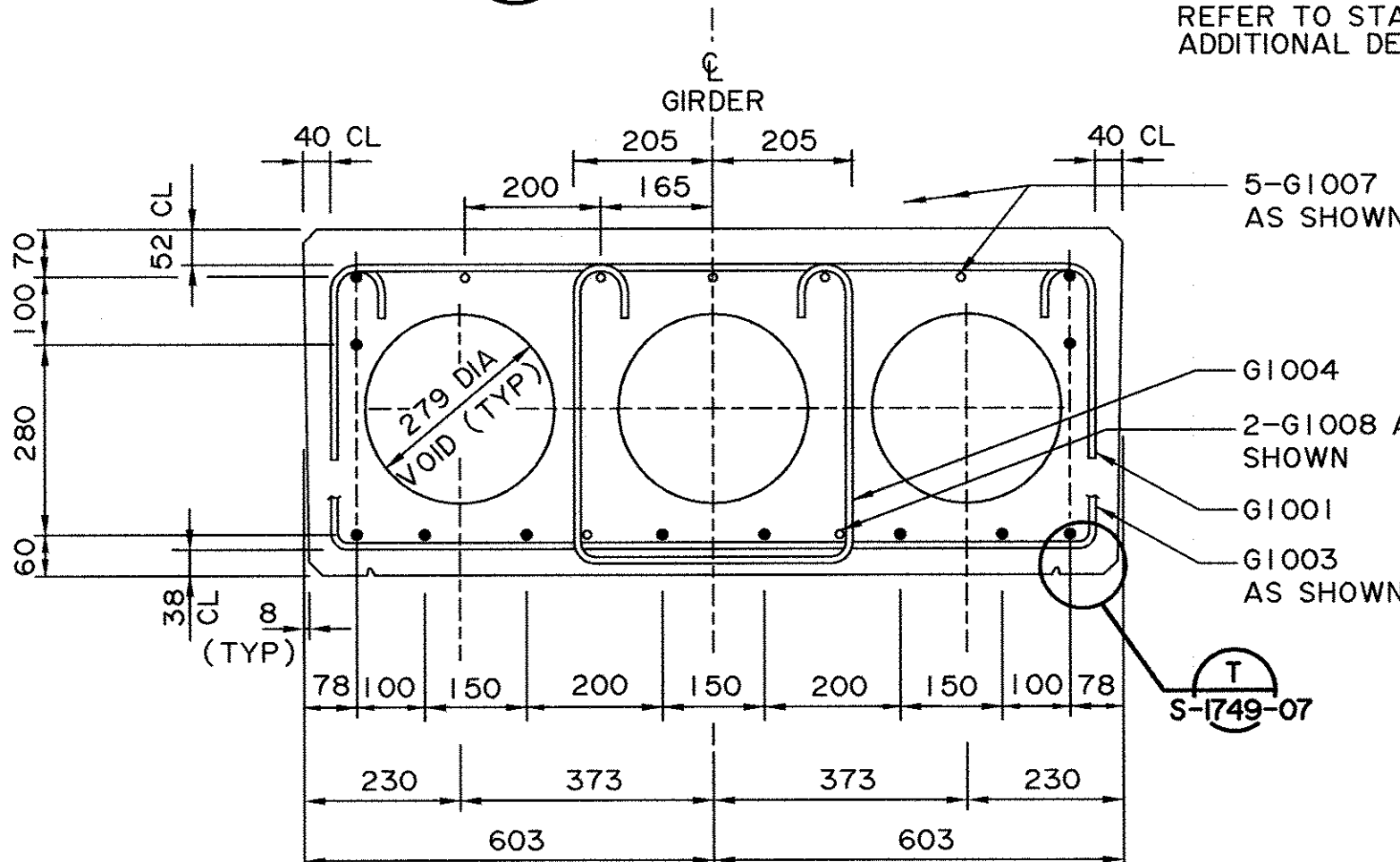
GENERAL NOTES

- FOR ADDITIONAL NOTES, REFER TO DWG S-1749-07.
- 12-15 ϕ 7 WIRE STRANDS REQUIRED PER GIRDER.
- FORCE IN PRESTRESSING STEEL:
INITIAL TENSION BEFORE RELEASE = 195 kN/STRAND
DESIGN LOAD AFTER LOSSES = 158 kN/STRAND
- CALCULATED MASS OF ONE GIRDER = 6.8 TONNES



SECTION 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
1:10

• WORK THESE DRAWINGS TOGETHER : S-1733-07, S-1734-07 AND S-1749-07

Plotted: 6.10 m STANDARD SHEET S-1733-07.DGN

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Signature: Scott Donald

Date: AUG 1, 2007

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Geologists and Geophysicists of Alberta

DESIGNER

ORIGINAL STAMPED AND SIGNED
BY: Stuart Smith
ON: AUG 1, 2007

PROFESSIONAL ENGINEER ALBERTA

DATE: _____

CHECKER

ORIGINAL STAMPED AND SIGNED
BY: Scott Donald
ON: AUG 1, 2007

PROFESSIONAL ENGINEER ALBERTA

DATE: _____

REV	DATE	REVISIONS	BY
1	2009-05-14	REVISED DOWEL HOLE SIZE AND LOCATION	CM

RECOMMENDED
DIRECTOR BRIDGE ENGINEERING
ORIGINAL SIGNED BY:

TOM LOO

APPROVED
EXECUTIVE DIRECTOR
TECHNICAL STANDARDS BRANCH
ORIGINAL SIGNED BY:

ALLAN KWAN

DATE: 2007-09-17

Albarta INFRASTRUCTURE AND TRANSPORTATION

PRESTRESSED CONCRETE
6.10 m TYPE SL-510
INTERIOR GIRDER

AI BAR CODE	DATE	SHEET	DRAWING
	2007-06-07	1 OF 3	S-1733-07