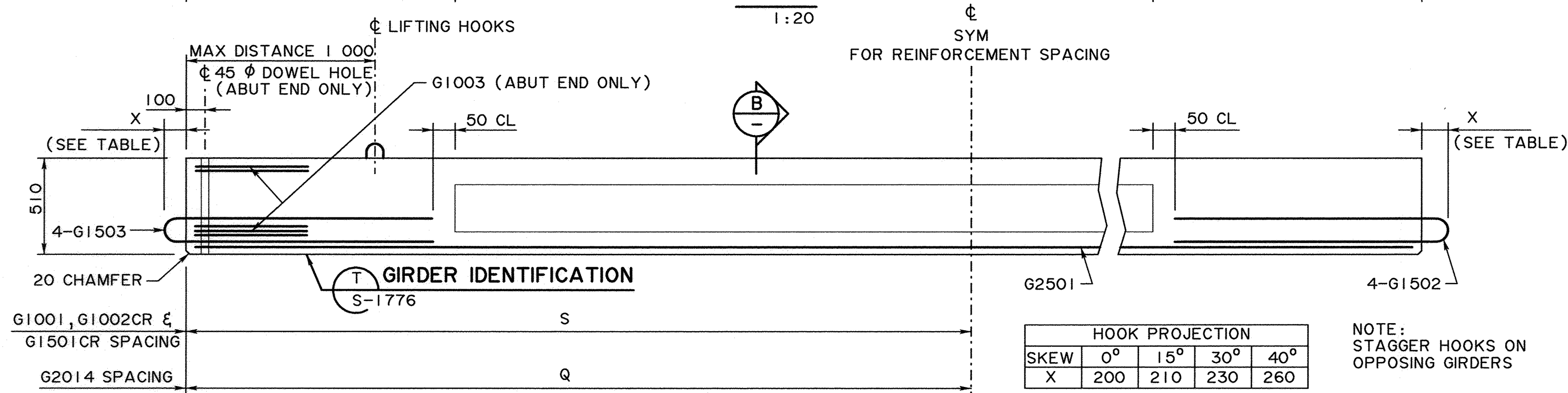
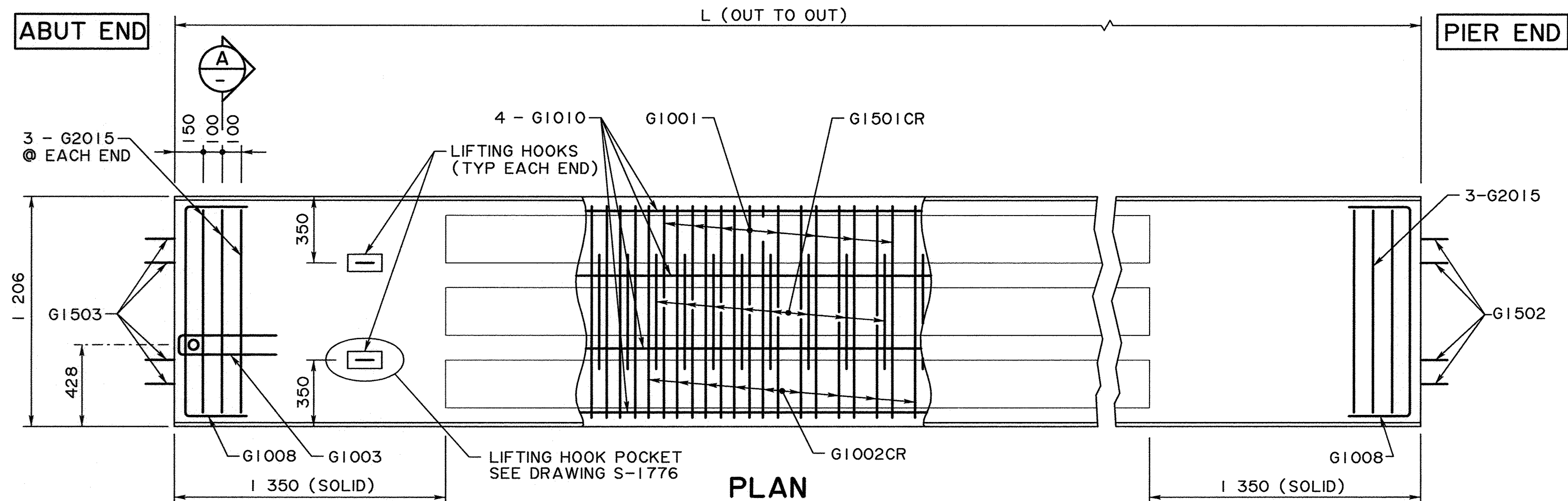


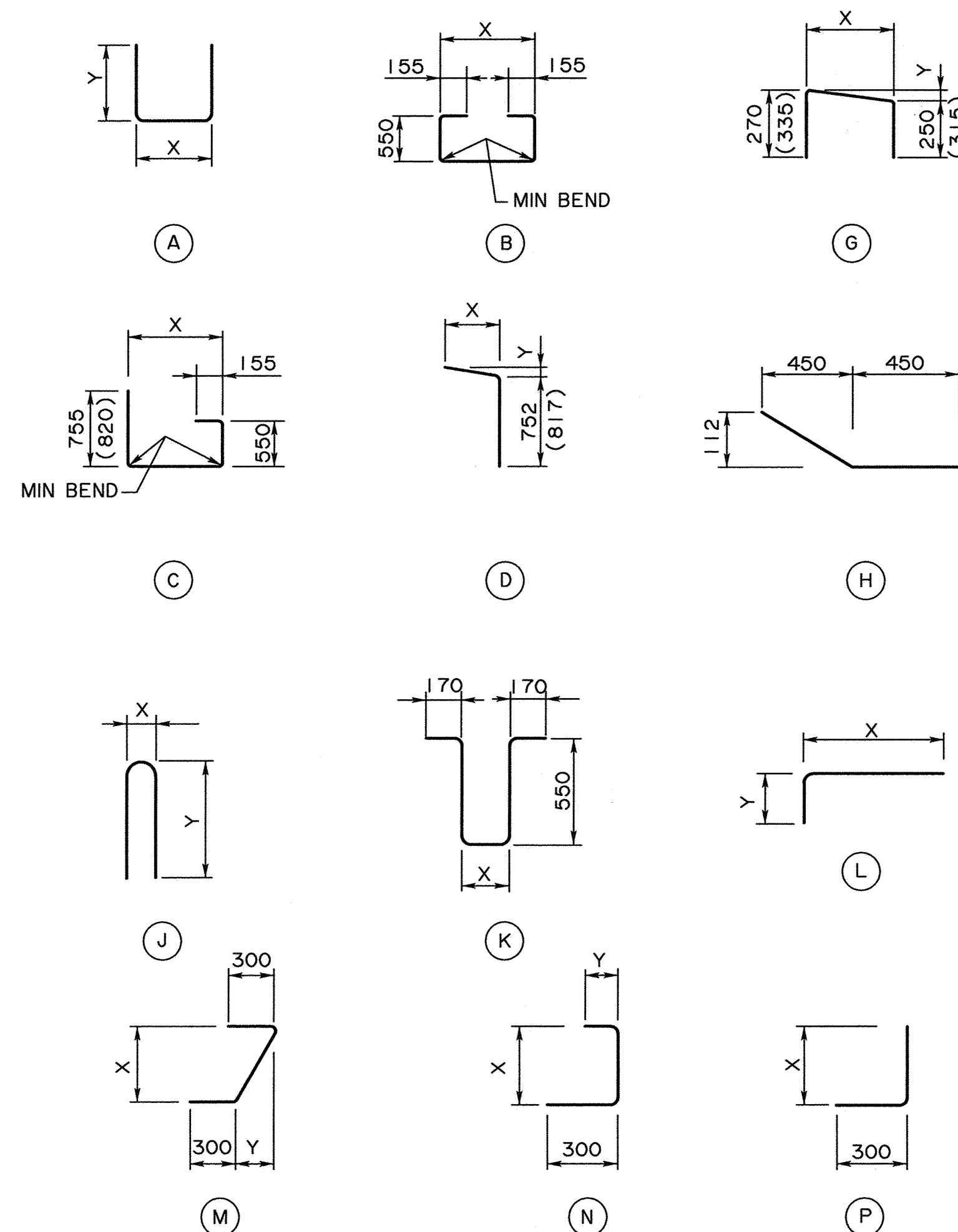


HOOK PROJECTION				
SKEW	0°	15°	30°	40°
X	200	210	230	260

NOTE: STAGGER HOOKS ON OPPOSING GIRDERS

BAR TYPES

(ALL BAR DIMENSIONS ARE OUT TO OUT)



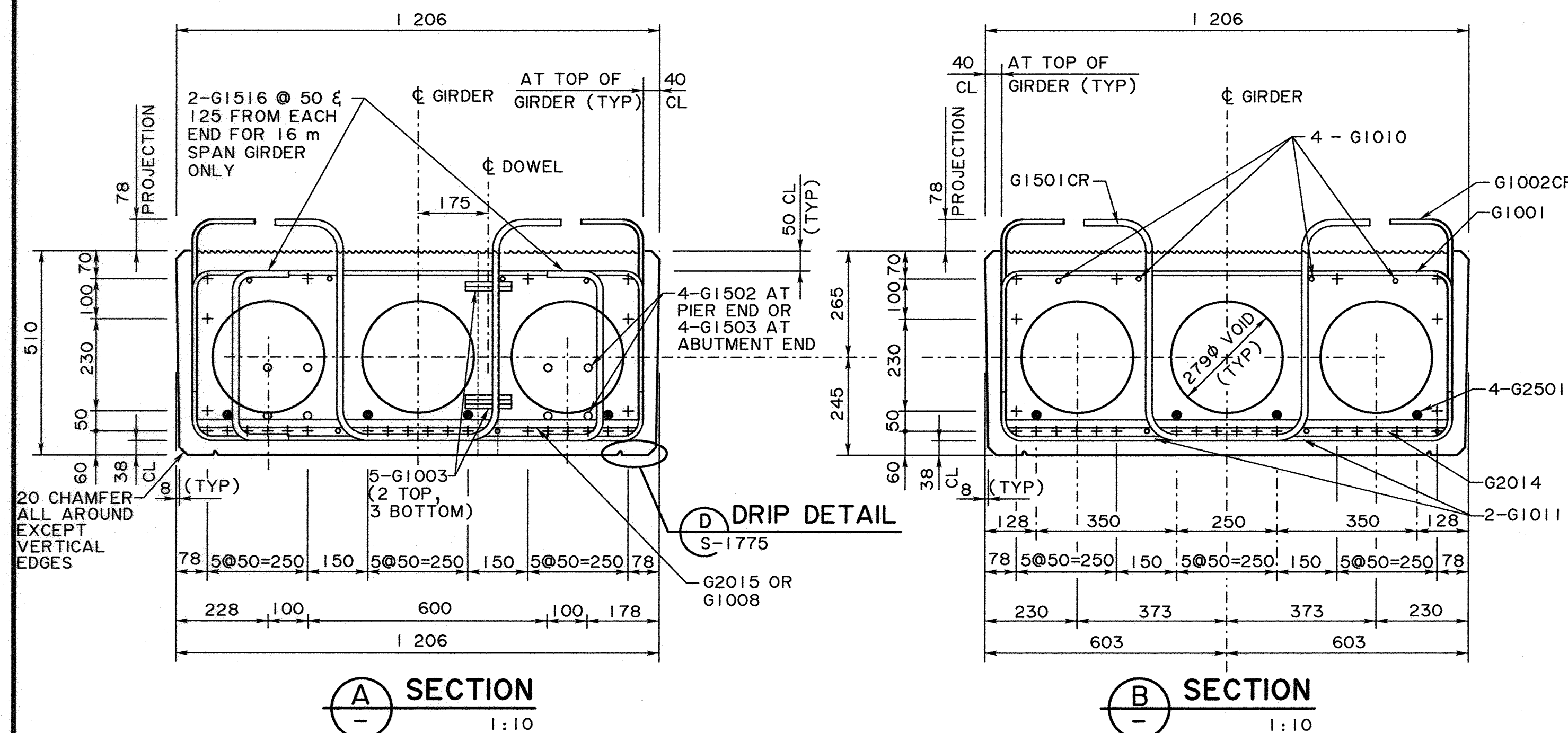
BAR LIST: INTERIOR GIRDER

MARK	SIZE	TYPE	X	Y	LENGTH
G1001	10	A	1125	390	1 905
G1002CR	10	B	1125		2 535
G1003	10	J	100	510	1 080
G1008	10	A	1000	300	1 600
G1010	10	STR	FULL LENGTH OF GIRDER		
G1011	10	STR	FULL LENGTH OF GIRDER		
G1501CR	15	K	405		1 845
G1502	15	J	140	VARIES	VARIES
G1503	15	J	140	VARIES	VARIES
G1516	15	S	420	140	700
G2014	20	STR			1 100
G2015	20	STR			950
G2501	25	STR	FULL LENGTH OF GIRDER		

SUFFIX LETTER "CR" ON BAR MARK DENOTES CORROSION RESISTANT REINFORCING BARS

NOTE:

- FOR DIMENSIONS THAT VARY WITH CURB HEIGHT, DIMENSIONS ARE GIVEN AS:
XXX FOR 350 CURB
(XXX) FOR 415 CURB



GIRDER INFORMATION TABLE										○—STRANDS ◆—DEBONDED STRANDS	
GIRDER LENGTH L	THEORETICAL GIRDER WEIGHT (tonnes) INTERIOR/415CURB /350CURB	INITIAL FORCE PER STAND IMMEDIATELY PRIOR TO TRANSFER (kN)	FINAL DESIGN FORCE PER STRAND AFTER ALL LOSSES (kN)	STRAND PATTERN (N = TOTAL NO. OF STRANDS)			DEBONDED STRANDS (ND= NO. OF DEBONDED STRANDS) (D= DEBONDED LENGTH FROM GIRDER END,mm)			STIRRUP SPACING S (mm)	G2014 SPACING Q (mm)
				INTERIOR GIRDER		CURB GIRDER	INTERIOR GIRDER		CURB GIRDER		
8 m	9.8/14.7/14.0	182	154	○ + +	○ + +	○ + +	○ + +	○ + +	○ + +	50, 2@75, 3@100, 6@150, 4@250, 3@300, 2@350	500 2@1750
10 m	11.9/18.1/17.1	182	150	○ + +	○ + +	○ + +	○ + +	○ + +	○ + +	50, 2@75, 3@100, 6@150, 3@250, 6@300, 3@350	500 2@2250
12 m	14.1/21.5/20.3	182	148	○ + +	○ + +	○ + +	○ + +	○ + +	○ + +	50, 2@75, 3@100, 9@150, 6@200, 4@300, 5@350	500 2@2200 1100
14 m	16.2/24.8/23.5	182	143	○ + +	○ + +	○ + +	○ + +	○ + +	○ + +	50, 2@75, 3@100, 11@150, 6@200, 3@250, 5@300, 4@350	500 2@2200 2100
16 m	18.3/28.2/26.7	182	136	○ + +	○ + +	○ + +	○ + +	○ + +	○ + +	50, 2@75, 3@100, 10@150, 10@200, 3@250, 5@300, 5@350	500 3@2200 900

FOR GENERAL NOTES SEE DRAWING S-1771 ANS S-1775

DEAD LOAD TABLE								
SPAN (m)	INTERIOR GIRDER (kN/m)			CURB GIRDER (415 mm) (kN/m)			CURB GIRDER (350 mm) (kN/m)	
	GIRDER	125 mm DECK	90 mm ACP	GIRDER	125 mm DECK	90 mm ACP	GIRDER	150 mm DECK
8	11.99			18.07			17.13	
10	11.69			17.77			16.82	
12	11.49	4.40	2.60	17.57	2.46	1.46	16.62	2.87
14	11.34			17.43			16.48	
16	11.23			17.32			16.36	

DESIGNER		RI		CHECKER		KA		DATE		Oct 06, 2012	
DATE		REVISION		BY		DATE		SHEET		DRAWING	
2020-11-17		4 OF 7		S-1774-20							