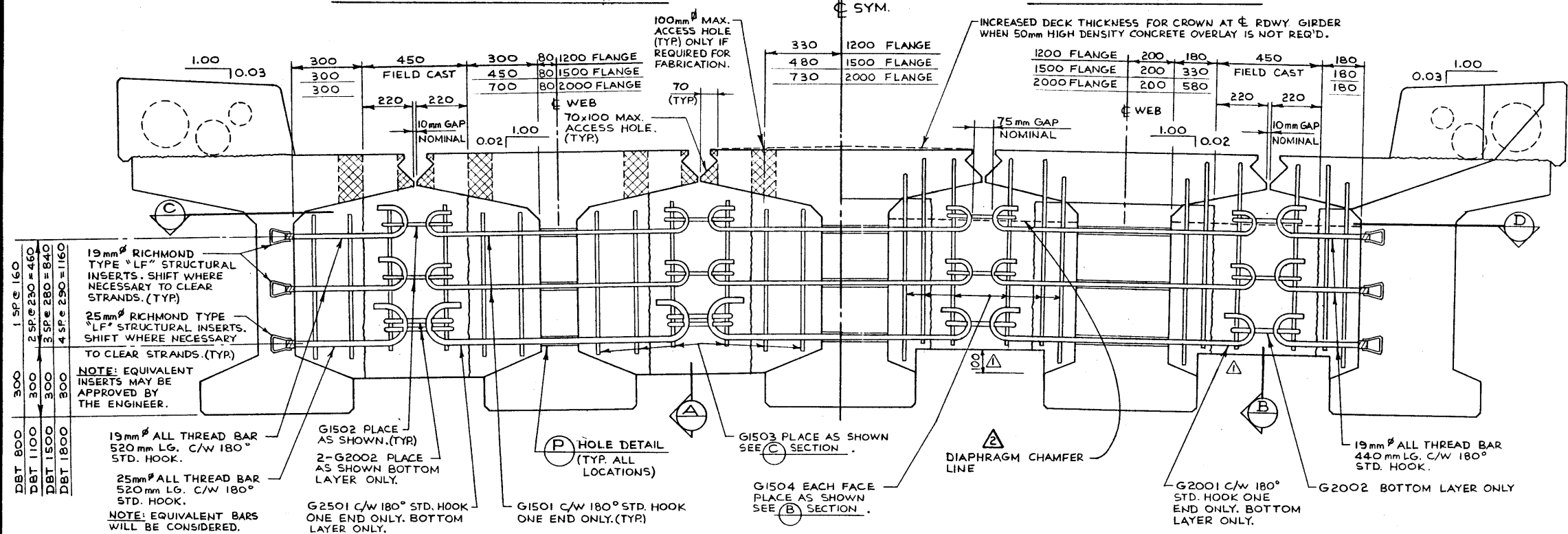


INTERMEDIATE DIAPHRAGMS

END DIAPHRAGMS



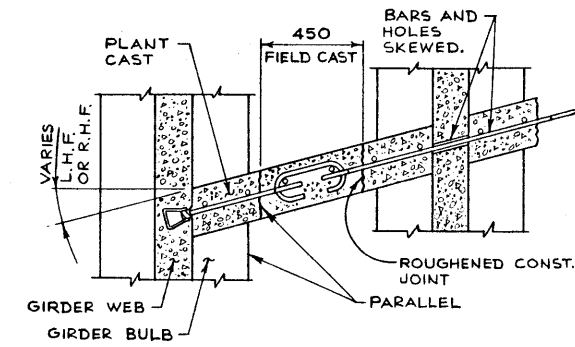
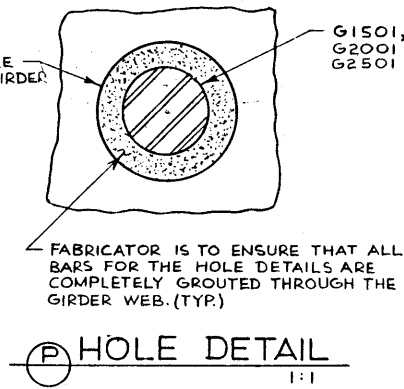
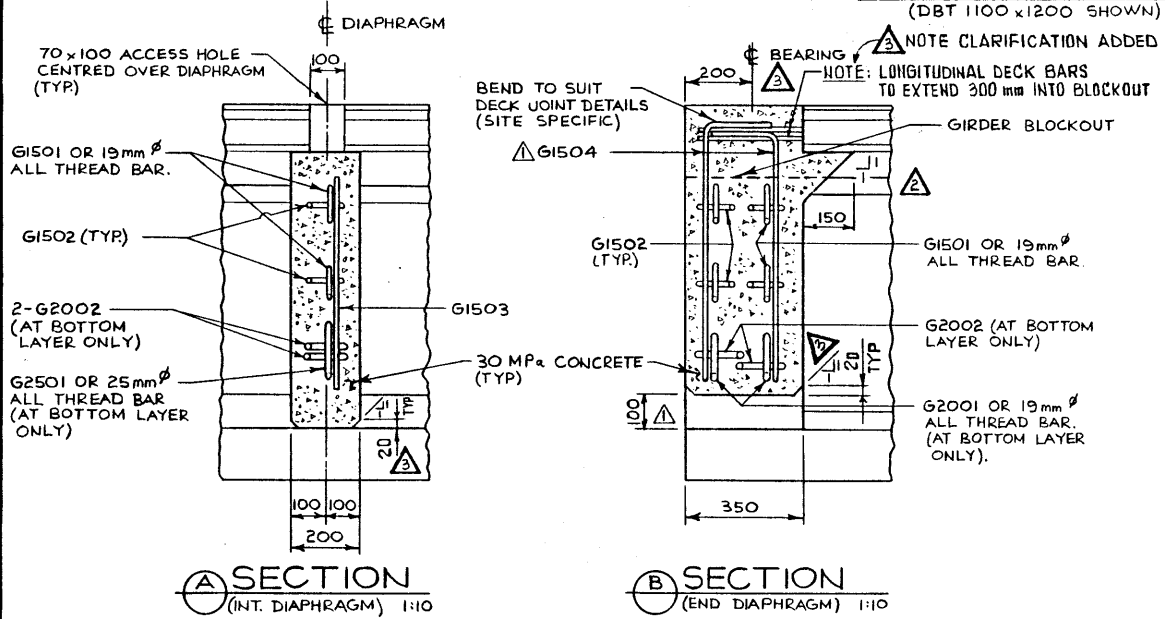
BAR LIST: TYPICAL SQUARE DIAPHRAGM

MARK	SIZE	TYPE	X	GIRDER DEPTH OR FLANGE WIDTH	LENGTH
G1501	15	A	1305	1200 WIDTH	1485
			1605	1500 WIDTH	1785
			2105	2000 WIDTH	2285
G1502	15	B	325	ALL DIAPHRAGMS	650
G1503	15	STR		800 DEPTH	300
				1100 DEPTH	620
				1500 DEPTH	1000
				1800 DEPTH	1300
G1504	15	STR		800 DEPTH	600
				1100 DEPTH	950
				1500 DEPTH	1300
				1800 DEPTH	1600
G2001	20	A	1335	1200 WIDTH	1545
			1635	1500 WIDTH	1845
			2135	2000 WIDTH	2345
G2002	20	B	325	ALL DIAPHRAGMS	710
G2501	25	A	1405	1200 WIDTH	1685
			1705	1500 WIDTH	1985
			2205	2000 WIDTH	2485

NOTE: BAR LENGTHS WILL VARY WITH DIFFERENT SKEWS.

TYPICAL DIAPHRAGM CONNECTION

(DBT 1100 x 1200 SHOWN) 1:10

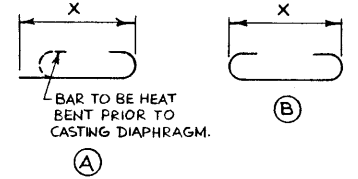


DIAPHRAGM FOR SKEWED BRIDGES

(INTERMEDIATE DIAPHRAGM SHOWN) 1:15

BAR TYPES

(ALL DIMENSIONS ARE OUT TO OUT)

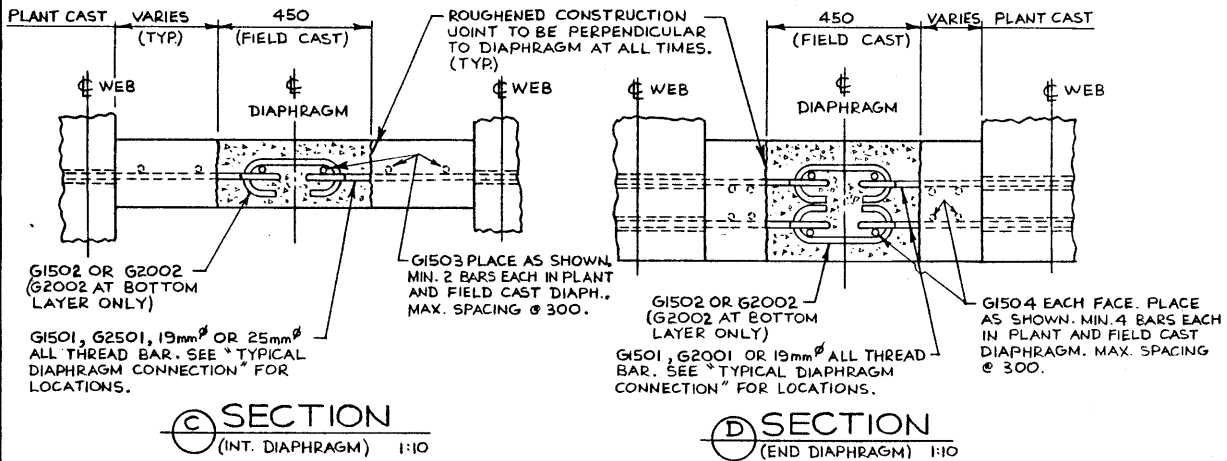


GENERAL NOTES

- ALL BARS ARE TO BE SUPPLIED BY THE GIRDER FABRICATOR.
- ALL DIAPHRAGM BARS THAT ARE CONTINUOUS THROUGH THE GIRDER WEBS ARE TO HAVE A STANDARD 180° HOOK HEAT BENT ONTO THE STRAIGHT END AFTER INSTALLATION OF THE BARS AND PRIOR TO THE CASTING OF THE PLANT PORTION OF THE DIAPHRAGM.
- DIAPHRAGM CONCRETE USED SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 30 MPa.

SUPERSEDED

123



BY 5-1590
SHEET 2
90-11-26

NO	DATE	DESCRIPTION	APPROVED	DATE
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

DESIGNED: B.L.C. DRAWN BY: W.S. DATE: 83-12-01

APPROVED: J. J. J. (Signature) DATE: 7/9/84

Albera TRANSPORTATION BRIDGE AND STRUCTURAL ENGINEERING BRANCH METRIC

DECK BULB TEE STANDARD DIAPHRAGM DETAILS

DESIGNED: B.L.C. DRAWN BY: W.S. DATE: 83-12-01

SCALE: SHOWN

SHEET: S-1557