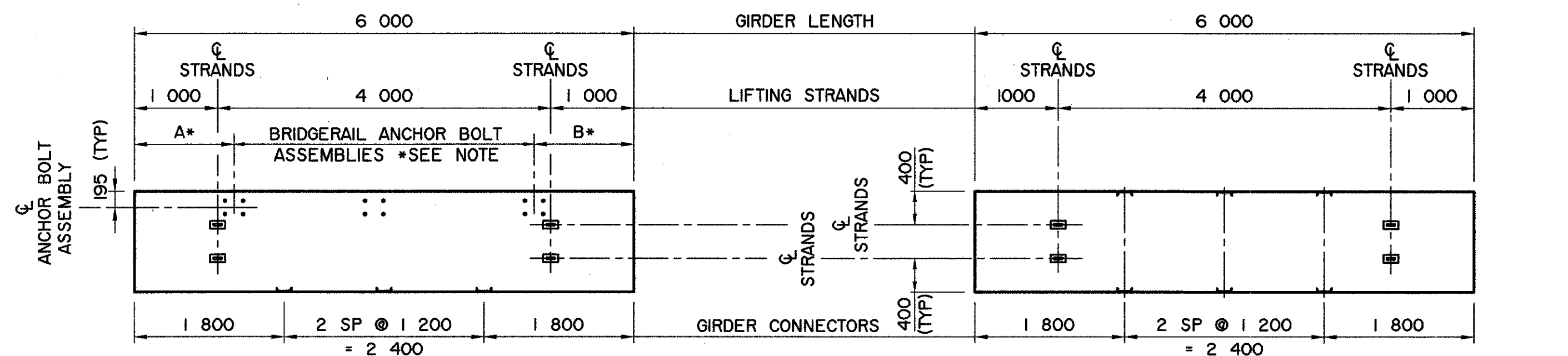
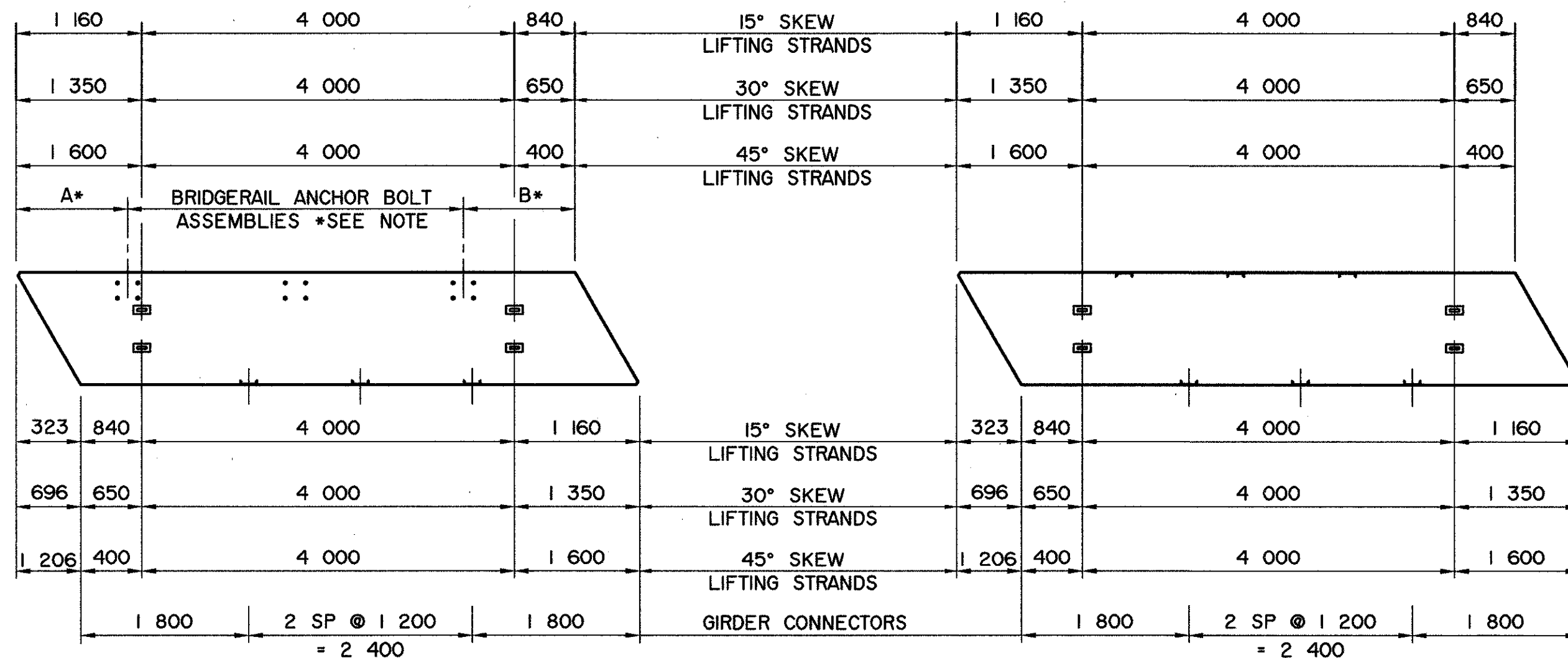




EXTERIOR GIRDER - SQUARE END

INTERIOR GIRDER - SQUARE END



\* NOTE: FOR NUMBER AND SPACING OF BRIDGERAIL ANCHOR BOLT ASSEMBLIES, SEE BRIDGERAIL LAYOUT ON SITE SPECIFIC DRAWINGS.

EXTERIOR GIRDER - SKEW END

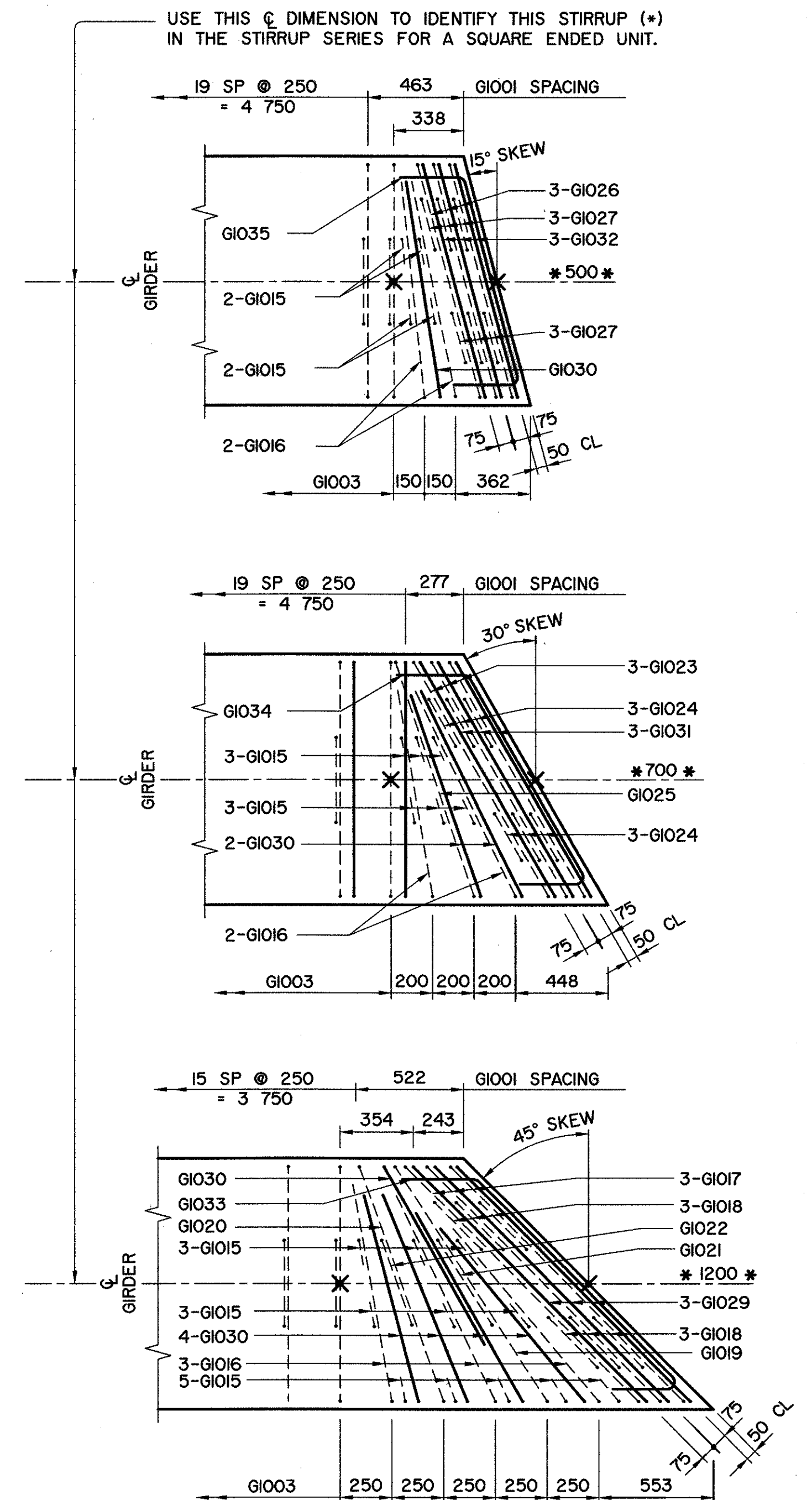
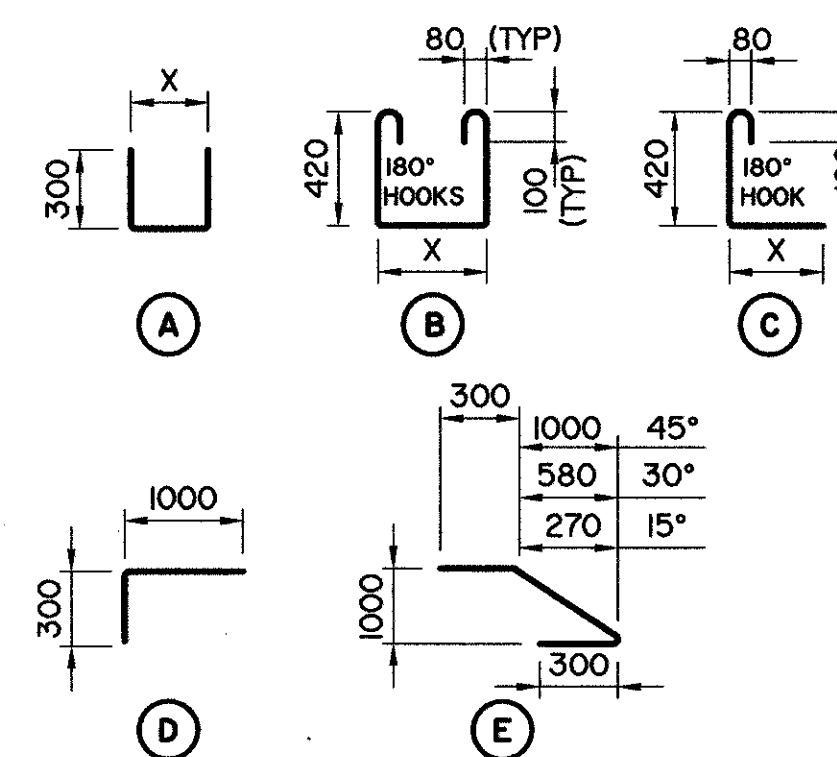
INTERIOR GIRDER - SKEW END

| BAR LIST: — INTERIOR SKEWED GIRDER — EXTRA BARS FOR 2 ENDS |      |      |      |   |        |          |      |          |      |
|------------------------------------------------------------|------|------|------|---|--------|----------|------|----------|------|
| MARK                                                       | SIZE | TYPE | X    | Y | LENGTH | 15° SKEW |      | 30° SKEW |      |
|                                                            |      |      |      |   |        | NO       | MASS | NO       | MASS |
| G1015                                                      | 10   | C    | 120  |   | 670    | 8        | 4    | 12       | 6    |
| G1016                                                      | 10   | C    | 1000 |   | 1550   | 4        | 5    | 4        | 5    |
| G1017                                                      | 10   | B    | 1590 |   | 2690   |          |      |          |      |
| G1018                                                      | 10   | B    | 395  |   | 1495   |          |      |          |      |
| G1019                                                      | 10   | B    | 1360 |   | 2460   |          |      |          |      |
| G1020                                                      | 10   | B    | 1190 |   | 2290   |          |      |          |      |
| G1021                                                      | 10   | B    | 500  |   | 1600   |          |      |          |      |
| G1022                                                      | 10   | B    | 435  |   | 1535   |          |      |          |      |
| G1023                                                      | 10   | B    | 1300 |   | 2400   |          |      | 6        | 11   |
| G1024                                                      | 10   | B    | 325  |   | 1425   |          |      | 12       | 13   |
| G1025                                                      | 10   | B    | 1160 |   | 2260   |          |      | 2        | 4    |
| G1026                                                      | 10   | B    | 1165 |   | 2265   | 6        | 11   |          |      |
| G1027                                                      | 10   | B    | 290  |   | 1390   | 12       | 13   |          |      |
| G1029                                                      | 10   | A    | 1590 |   | 2190   |          |      |          |      |
| G1030                                                      | 10   | D    |      |   | 1300   | 2        | 2    | 4        | 4    |
| G1031                                                      | 10   | A    | 1300 |   | 1900   |          |      | 6        | 9    |
| G1032                                                      | 10   | A    | 1165 |   | 1765   | 6        | 8    |          |      |
| G1033                                                      | 10   | E    |      |   | 2015   |          |      |          |      |
| G1034                                                      | 10   | E    |      |   | 1755   |          |      | 2        | 3    |
| G1035                                                      | 10   | E    |      |   | 1635   | 2        | 3    |          |      |

TOTAL kg: 46 55 82

### BAR TYPES

(ALL BAR DIMENSIONS ARE OUT TO OUT) NTS



SKEW GIRDER END REINFORCING BARS

### NOTES:

- SHIFT SLAB BARS TO CLEAR LIFTING HOOK POCKETS WHERE REQUIRED.
- SLAB BARS NOT DIMENSIONED ARE TIGHT AGAINST ADJACENT STIRRUP.
- SKEWS ARE SHOWN RIGHT HAND FORWARD.
- LEFT HAND SKEWS ARE OPPOSITE AS SHOWN.

• WORK THESE DRAWINGS TOGETHER : S-1723-07, S-1724-07 AND S-1749-07

|                                                                                                                                                               |                                                                                                                                                                                                                           |                 |                 |                                                                                         |                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <br>BPTec - DNW Engineering Ltd.<br>Suite 200, 4220-98 St<br>Edmonton, AB T6E 6A1<br>Ph: (780) 436-5376<br>Fax: (780) 435-4843<br>www.bptec-dnw.com<br>556-46 | PERMIT TO PRACTICE<br>BPTec-DNW ENGINEERING LTD.<br>Signature: <i>[Signature]</i><br>Date: August 1, 2007<br>PERMIT NUMBER: POI32<br>The Association of Professional Engineers<br>Geologists and Geophysicists of Alberta | DESIGNER        | CHECKER         | RECOMMENDED<br>DIRECTOR BRIDGE ENGINEERING                                              | <br>PRESTRESSED CONCRETE<br>6 m TYPE SL-510<br>INTERIOR AND EXTERIOR GIRDER LAYOUTS |
|                                                                                                                                                               |                                                                                                                                                                                                                           | <br>DATE: _____ | <br>DATE: _____ | <br>APPROVED<br>EXECUTIVE DIRECTOR<br>TECHNICAL STANDARDS BRANCH<br>DATE: Sept 17, 2007 |                                                                                     |
|                                                                                                                                                               |                                                                                                                                                                                                                           | REV             | DATE            | REVISIONS                                                                               | BY                                                                                  |

AI BAR CODE DATE SHEET DRAWING  
2007-06-07 2 of 3 S-1724-07