79′-3 1/16″ (OVERALL DIM.) END TO END OF BOX GIRDER

71′-11 1/16″ CL CL BRG

3′-8″ | 14′-8″ | 10′-6 1/2″ | 6′-5 1/8″ | 6′-6 5/8″ | 8′-11 15/16″ | 8′-0″ | 10′-6″ | 6′-2 7/8″ | 3′-8″

CL POT BRG / CL PIER 2E

HORIZ. ALONG EXTERIOR FACE OF (FS) WEB

REF. LINE X1

2′-0″

EXTERIOR FACE OF WEB PL'S

STATION AHEAD

EXTERIOR FACE OF (FS) WEB

EXTERIOR FACE OF (NS) WEB

5′-0″ FLG WIDTH

2′-6″ | 2′-4 3/4″

1″ | 2″ | 2′-6″ | 14′-10 9/16″

5 @5″ = 2′-1″

33 SPA @ 3″ = 8′-3″ = 9′-0 (BOT FLG)

36 @ 3″ = 9′-0 (BOT FLG)

7″

49CG1
BOX GIRDER

P2
SEE HE6

(FS) WEB = WEB AHEAD STA.
(NS) WEB = WEB BACK STA.

19C1-1 | 20C2-1 | 21C3-1 | 22C4-1 | 23C5-1 | 24C6-1 | 25C7-1

LG1 SEE HE7 | LG2 | LG3 | LG4 | LG5 | LG6 | LG7

TG1 | TG2 | TG3 | TG4 | TG5 | TG6 | TG7

108FP2/W2 (T) 109FP2/W2 (B)
110FP2/W2 (T) 111FP2/W2 (B)
112FP2/W2 (T) 113FP2/W2 (B)
114FP2/W2 (T) 115FP2/W2 (B)
116FP2/W2 (T) 117FP2/W2 (B)
118FP2/W2 (T) 119FP2/W2 (B)
120FP2/W2 (T) 121FP2/W2 (B)

108FP1/W1 (T) 109FP1/W1 (B)
110FP1/W1 (T) 111FP1/W1 (B)
112FP1/W1 (T) 113FP1/W1 (B)
114FP1/W1 (T) 115FP1/W1 (B)
116FP1/W1 (T) 117FP1/W1 (B)
118FP1/W1 (T) 119FP1/W1 (B)
120FP1/W1 (T) 121FP1/W1 (B)

108P1 (T) 109P1 (B)
110P1 (T) 111P1 (B)
112P1 (T) 113P1 (B)
114P1 (T) 115P1 (B)
116P1 (T) 117P1 (B)
118P1 (T) 119P1 (B)
120P1 (T) 121P1 (B)

95.0155° | 95.0787° | 93.4733° | 91.6467° | 90° | 90° | 90° 6′-2 7/8″

10′-6 1/2″ | 6′-4 3/8″ | 6′-5 11/16″ | 8′-11 1/16″ | 8′-0″ | 10′-6″

22 @ 3″ = 5′-6″ | 24 @ 3″ = 6′-0 (BOT FLG)

TO CL WEB

CL FIX. BRG
CL BOX GIRDER
CL PIER 2

P2
SEE HE6

12B1 | 13B2 | 14B3 | 15B4 | 16B5 | 17B6 | 18B7

R846′-6 15/16″ | R836′-0 15/16″ | R777′-3 1/8″ | R713′-10 5/16″ | R677′-7 1/16″ | R669′-7 1/16″ | R659′-1 1/16″

G1 | G2 | G3 | G4 | G5 | G6 | G7

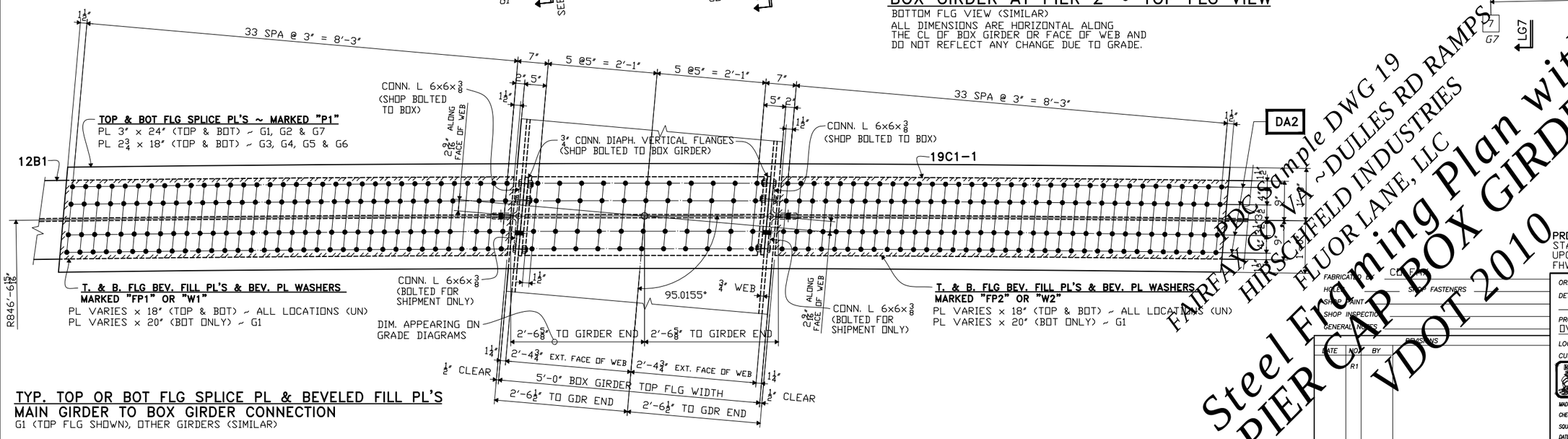
HORIZ. ALONG EXTERIOR FACE OF (NS) WEB

15′-1 1/8″ | 10′-6 1/2″ | 6′-3 1/2″ | 6′-4 7/8″ | 8′-10 3/16″ | 8′-0″ | 10′-6″ | 6′-2 7/8″

BOX GIRDER AT PIER 2 ~ TOP FLG VIEW

BOTTOM FLG VIEW (SIMILAR)

ALL DIMENSIONS ARE HORIZONTAL ALONG THE CL OF BOX GIRDER OR FACE OF WEB AND DO NOT REFLECT ANY CHANGE DUE TO GRADE.



TYP. TOP OR BOT FLG SPLICE PL & BEVELED FILL PL'S
MAIN GIRDER TO BOX GIRDER CONNECTION

G1 (TOP FLG SHOWN), OTHER GIRDERS (SIMILAR)

Steel Framing Plan with PIER CAP BOX GIRDER
VDOT 2010

FAIRFAX CO., VA ~ DULLES RD RAMPS
HIRSCHFELD INDUSTRIES
FLUOR LANE, LLC
PDC Sample DWG 19

PROJECT No. 0267-029-145, B671
STA: 433+00.18 TO STA: 441+72.77
UPC No. 94524
FHWA CONST. & SCOUR CODE: X771-SN

FABRICATION BY: CP, FP
HOLES: SHOP FASTENERS
SHOP PAINT:
SHOP INSPECTION:
GENERAL NOTES:

DATE	NO.	BY	REVISIONS
	R1		

ORDER NO. 10-18662H22
DETAILS OF ERECTION PLAN
BOX GIRDER AT PIER 2
PROJECT BRIDGE ON RAMP DARWN & DARWS OVER DULLES TOLL ROAD EB (RTE 267)
LOCATION FAIRFAX COUNTY, VA
CUSTOMER FLUOR LANE, LLC

HIRSCHFELD INDUSTRIES
BRIDGE
GREENSBORO, NC (336)275-9711

MADE BY WS
CHECKED BY PDC/SB
SQUAD LEADER Precise Drafting Co, Inc.
DATE 05-2010

SHEET HE5