

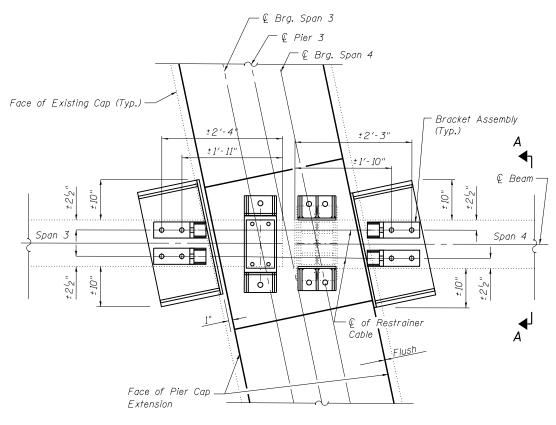
PIER 1 PLAN
(Beams 1-5)

(5 Required)

Bumper (Typ.)

Bumper (Typ.) C I'g" ϕ hole for 1" ϕ Stud (typ.) C for I'g" ϕ holes for 1" ϕ A325 bolts with 1- l_6 " hardened washer and 1-lock washer.

<u>SECTION A-A</u> Bumper shown on skew



<u>RESTRAINER</u> INDICATOR END RESTRAINER BOLTED END

PIER 3 PLAN
(Beams 1-5)
(5 Required)

Notes.

For General Elevation Views of Seismic Restrainers, see Sections B-B and C-C on Sheet 3 of 20.

Seismic Restrainer shall be placed on each beam line.

One hardened washer and one lock washer are required for each set of oversized holes.

Bumpers shall be paid for as Furnishing and Erecting Structural Steel.

Ambient Gap T 50°F 3₄"-△Temp T 50°F 3₄" T>50°F 3₄"+△Temp

* \triangle Temp = $^{l}_{32}$ " for every ±10°F (Typ.)

EXPANSION TABLE

BILL OF MATERIAL

Item	Unit	Total
Seismic Restrainer	Each	10
Furnishing & Erecting Structural Steel	Pound	4820

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BERNARGN * LOCHMUELLER & ASSOÇATES, INC.
3 OAK ORDES
MARTY-LLE LLINGE SEGGE
PHOSE (1911) 2014-4656

ıc.	USER NAME =	DESIGNED -	B.B.	REVISED -
		CHECKED -	A.C.S.	REVISED -
	PLOT SCALE =	DRAWN -	B.B.	REVISED -
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