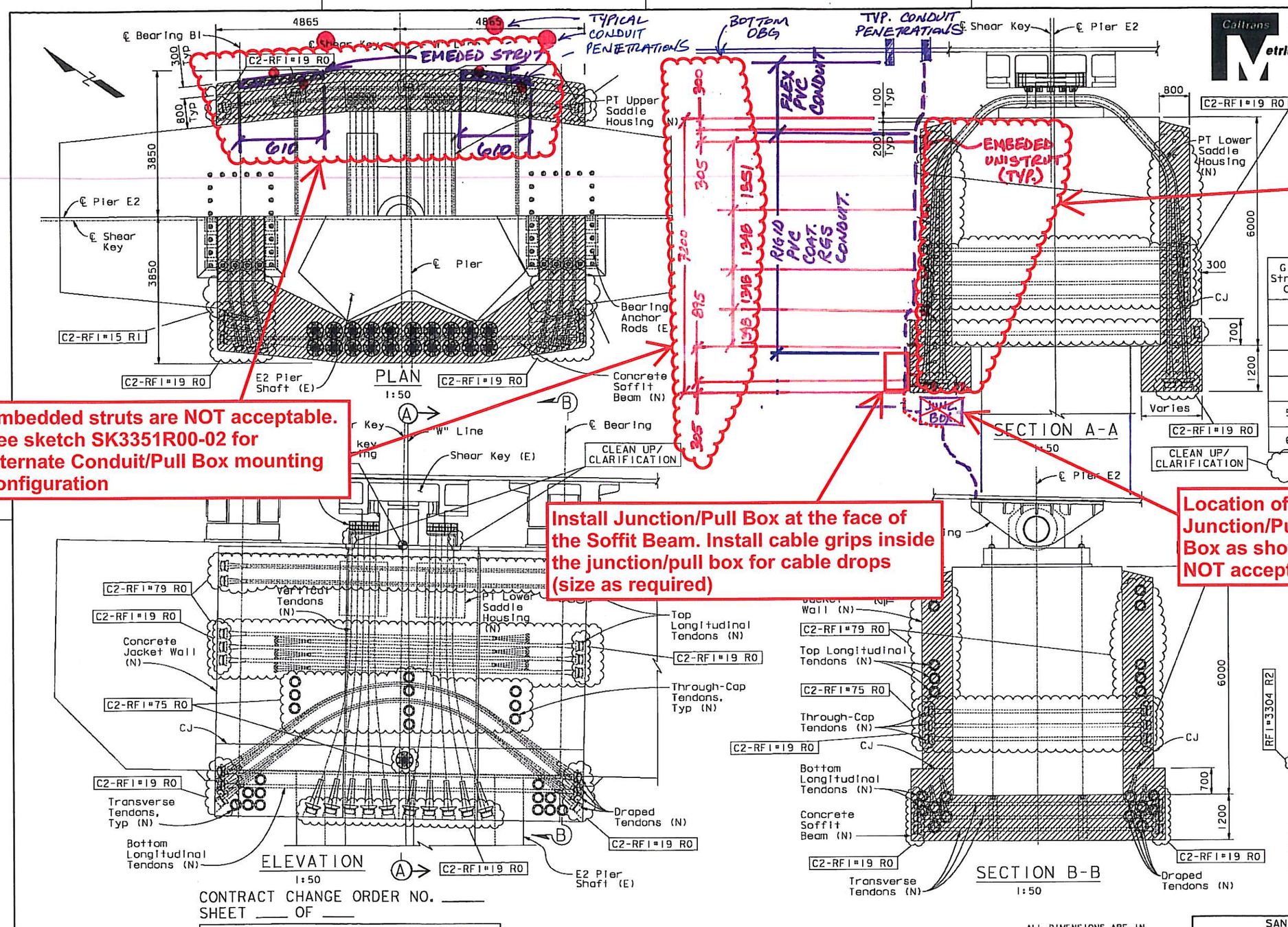
ABF-RFI-3351RD-SK1
RED LINE



Embedded struts are NOT acceptable. See sketch SK3351R00-02 for alternate Conduit/Pull Box mounting configuration

Embedded struts are NOT acceptable. See sketch SK3351R00-02 for alternate Conduit/Pull Box mounting configuration

Install Junction/Pull Box at the face of the Soffit Beam. Install cable grips inside the junction/pull box for cable drops (size as required)

Location of Junction/Pull Box as shown is NOT acceptable

Post Tensioning Summary

Global Stressing Order	Tendon Group	No. Strands per Tendon	Number of Tendons
1	Bottom Longitudinal	12	8
2	Transverse	12	24
3	Through-Cap	12	18
4	Top Longitudinal	12	32
5, 7	Draped	19	16
6, 8	Vertical	26	40

PLANS

	ral Arrangement
	rete Outlines
	ical PT Geometry
	le Details No. 1
	le Details No. 2
	le Details No. 3
07	Saddle Details No. 4
08	Saddle Details No. 5
09	Saddle Details No. 6
10	PT Details No. 1
11	PT Details No. 2
12	PT Details No. 3
13	PT Details No. 4
14	Reinforcement Details No. 1
15	Reinforcement Details No. 2
16	Reinforcement Details No. 3
17	Reinforcement Details No. 4
18	Reinforcement Details No. 5
19	Construction Details No. 1
20	Construction Details No. 2
20A	Construction Details No. 2A
21	Construction Details No. 3
22	Construction Details No. 4
23	Construction Details No. 5

RFI#3304 R2

LEGEND:

55 MPa Concrete (N)
(N) New
(E) Existing

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

A. Akinsanya / W. Long
DESIGN OVERSIGHT
SIGN OFF DATE XX/XX/13

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
0	10/01/13	XXXXXX	XX	XX	XX

REVISIONS

DESIGN BY X. XXXXX CHECKED X. XXXXX
DETAILS BY X. XXXXX CHECKED X. XXXXX
QUANTITIES BY X. XXXXX CHECKED X. XXXXX

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

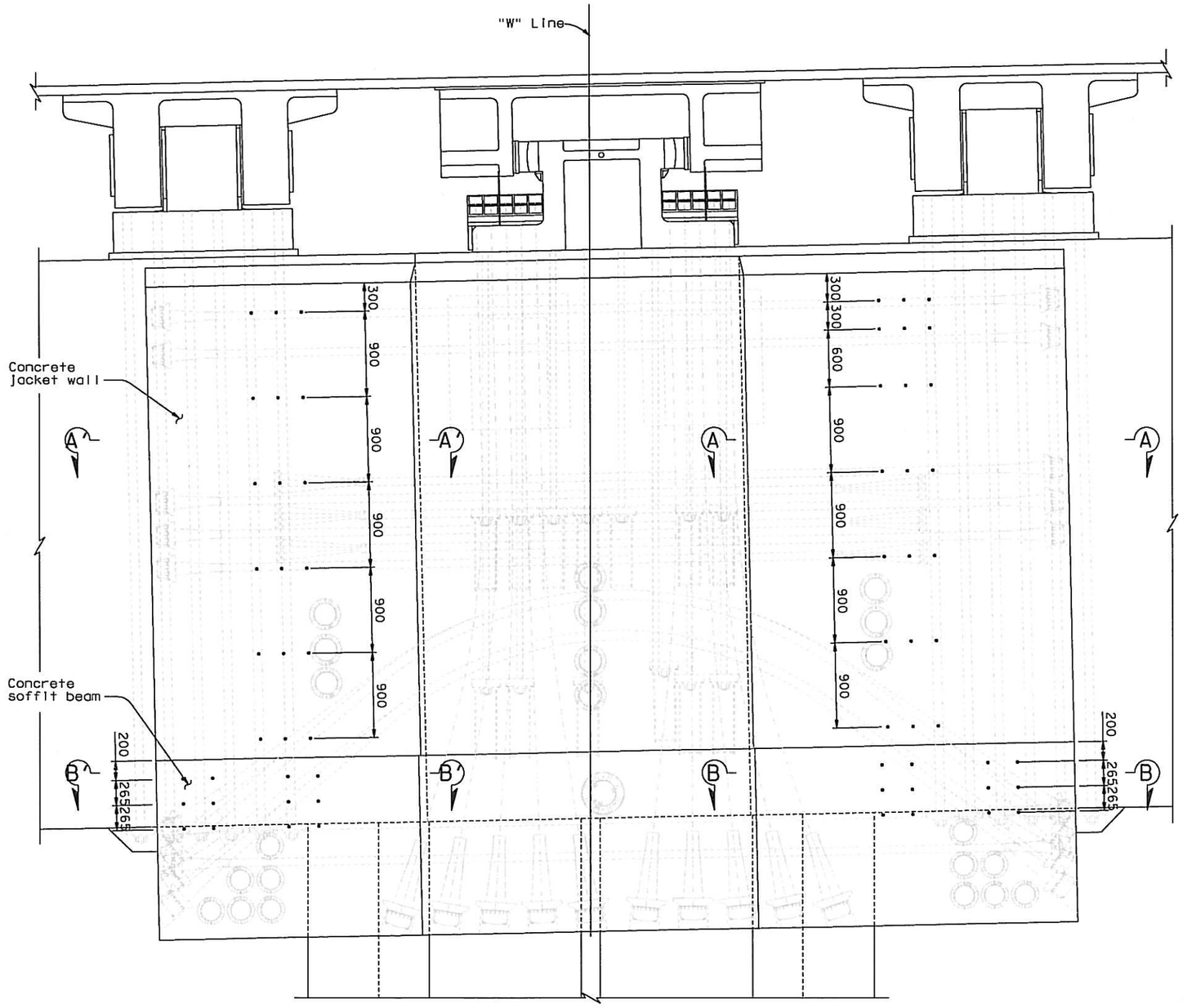
M. Nader
PROJECT ENGINEER

BRIDGE NO. 34-0006L/R
KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)
E2 SHEAR KEY ANCHORAGE: GENERAL ARRANGEMENT

Rev. Date: 5-22-13
ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100
CU 04
EA 0120F1
DISREGARD PRINTS BEARING EARLIER REVISION DATES
REVISION DATES (PRELIMINARY STAGE ONLY) 05/30/13 06/03/13
SHEET 1 OF
FILE => I:\bb\04-012001\sas\rfi updates\engineer update sketches\sh e2 shear keys retrofit\alternative e2\01.dgn
USERNAME => FSamson DATE PLOTTED => 03 JUN 2013 TIME PLOTTED => 17:24:37
75% PS&E

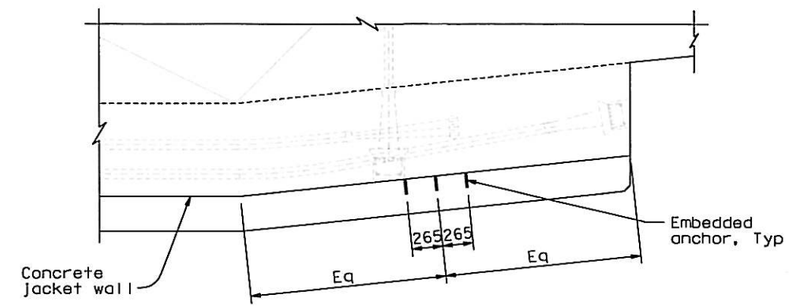
SK-3351R0-1



PIER E2 ELEVATION (See Note 1)

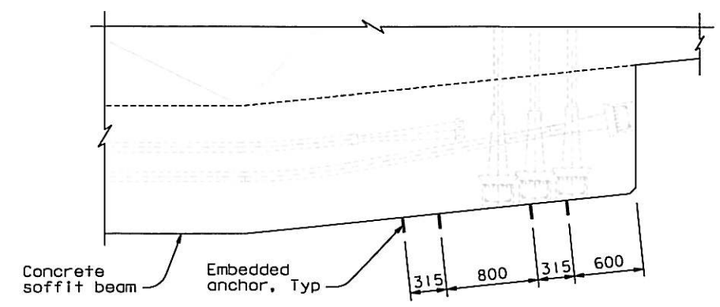
1:25

(East Face, Looking West, "W" Line Shown, "E" Line Similar)



SECTION A-A (A'-A' Opp Hand)

1:25



SECTION B-B (B'-B' Opp Hand)

1:25

LEGEND:

- Embedded Anchor

NOTES:

1. Dimensions are measured along lines perpendicular to the top face of Pier E2.

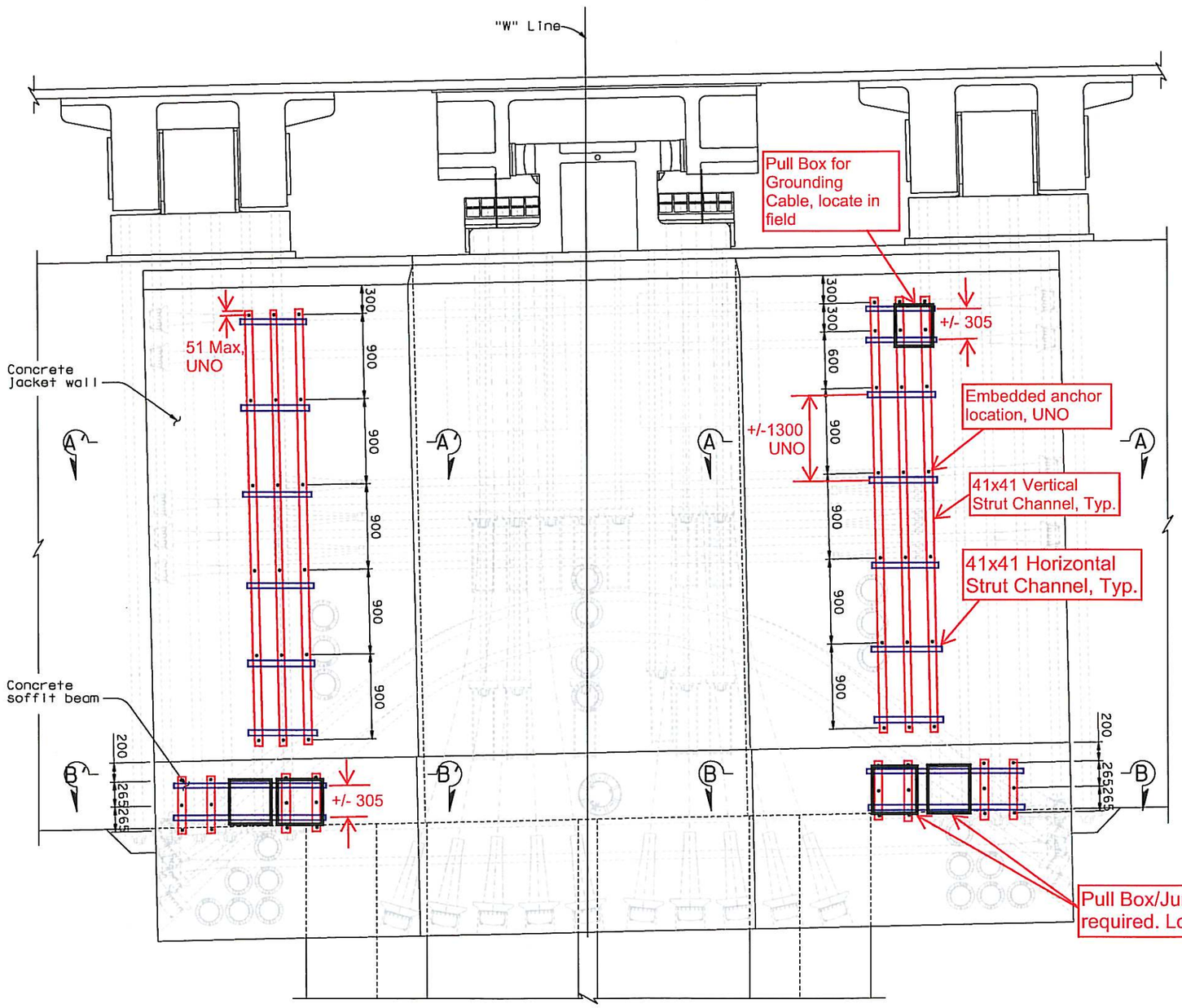
SFOBB SAS (SAS) Project #04-0120F4

RFI: # 3351R0

Date: 2011-3-06-21

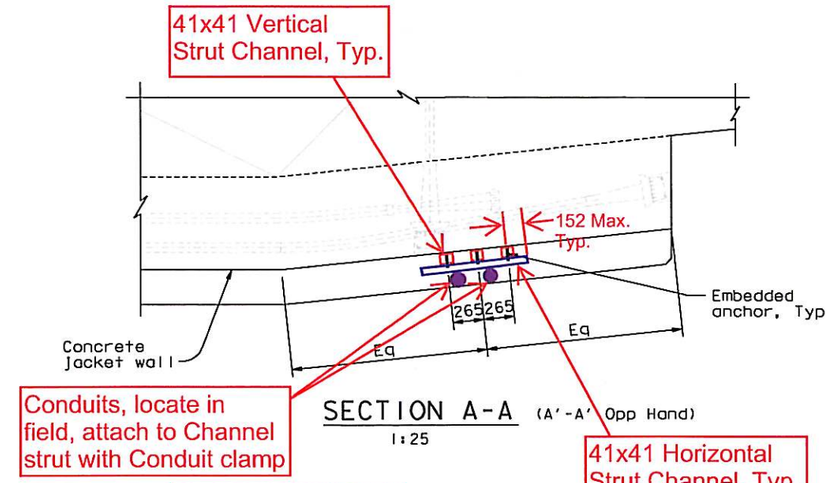
File Name: SK-3351R0-1

Note:
See sketches SK3351R00-03 and SK3351R00-04 for additional information.

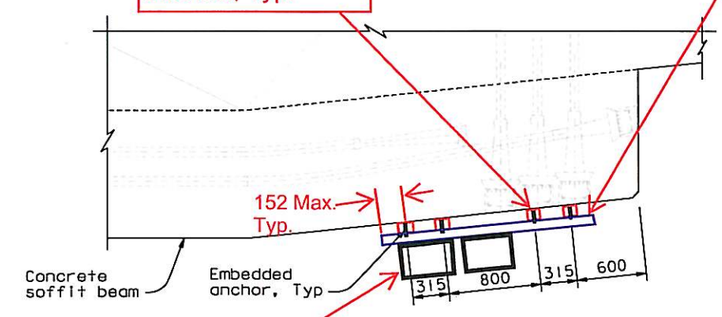


PIER E2 ELEVATION (See Note 1)
1:25

(East Face, Looking West, "W" Line Shown, "E" Line Similar)



SECTION A-A (A'-A' Opp Hand)
1:25



SECTION B-B (B'-B' Opp Hand)
1:25

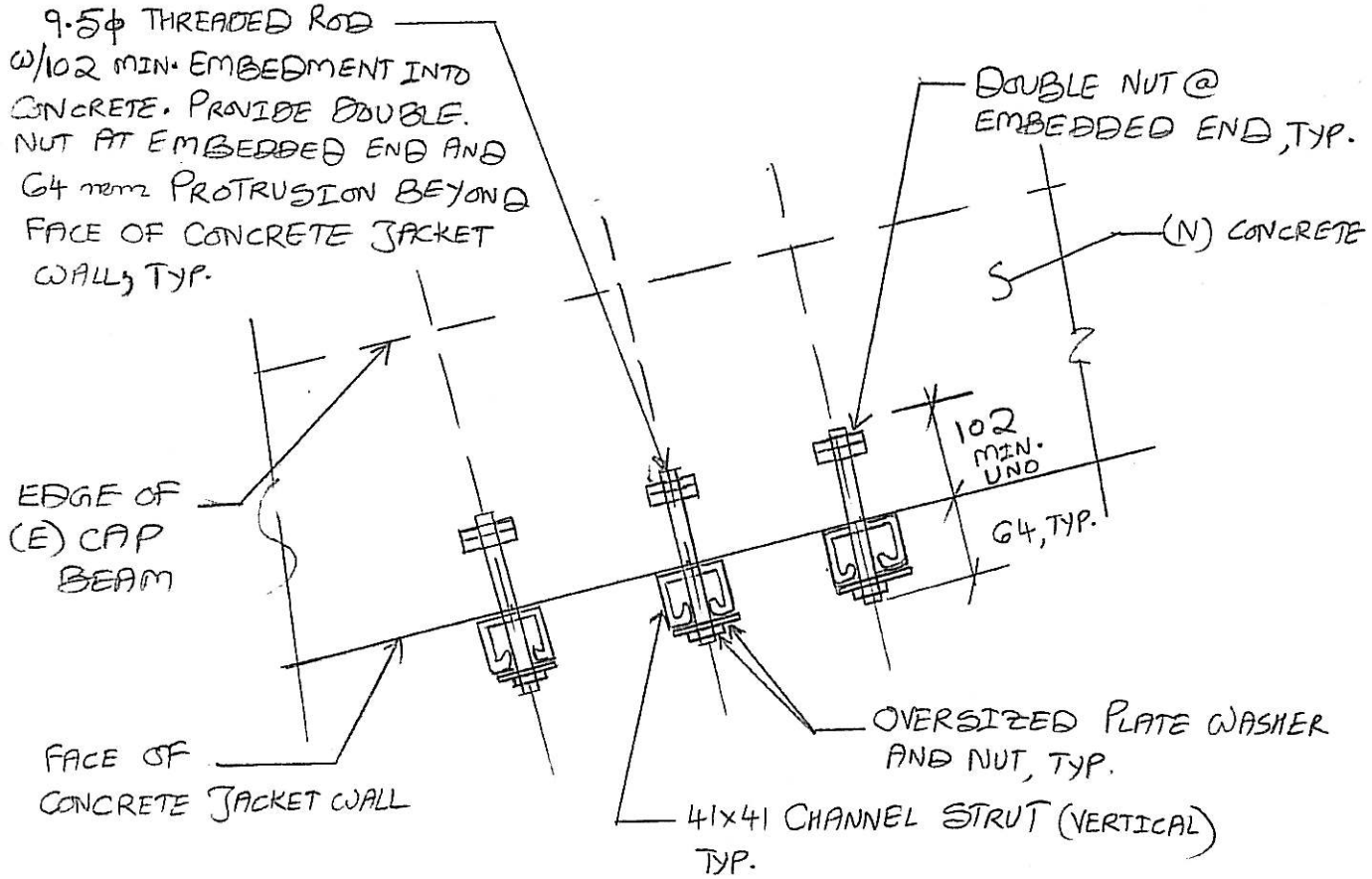
LEGEND:

- Embedded Anchor

NOTES:

1. Dimensions are measured along lines perpendicular to the top face of Pier E2.

SK3351R00-02



Embedded Anchor and Vertical Conduit Support Channel Strut Connection Detail

Notes:

1) Contractor shall ensure all embedded anchors are aligned along a straight vertical line per sketch SK3351R00-02. Embedded anchors shall not conflict with Saddle Assembly, PT Ducts or Concrete Jacket Wall reinforcement.

2) All embedded anchors and Channel struts shall be hot-dipped galvanized.

3) Connection at Concrete Jacket Wall is shown, connection at Soffit Beam is similar.

SK3351R00-03

Notes:

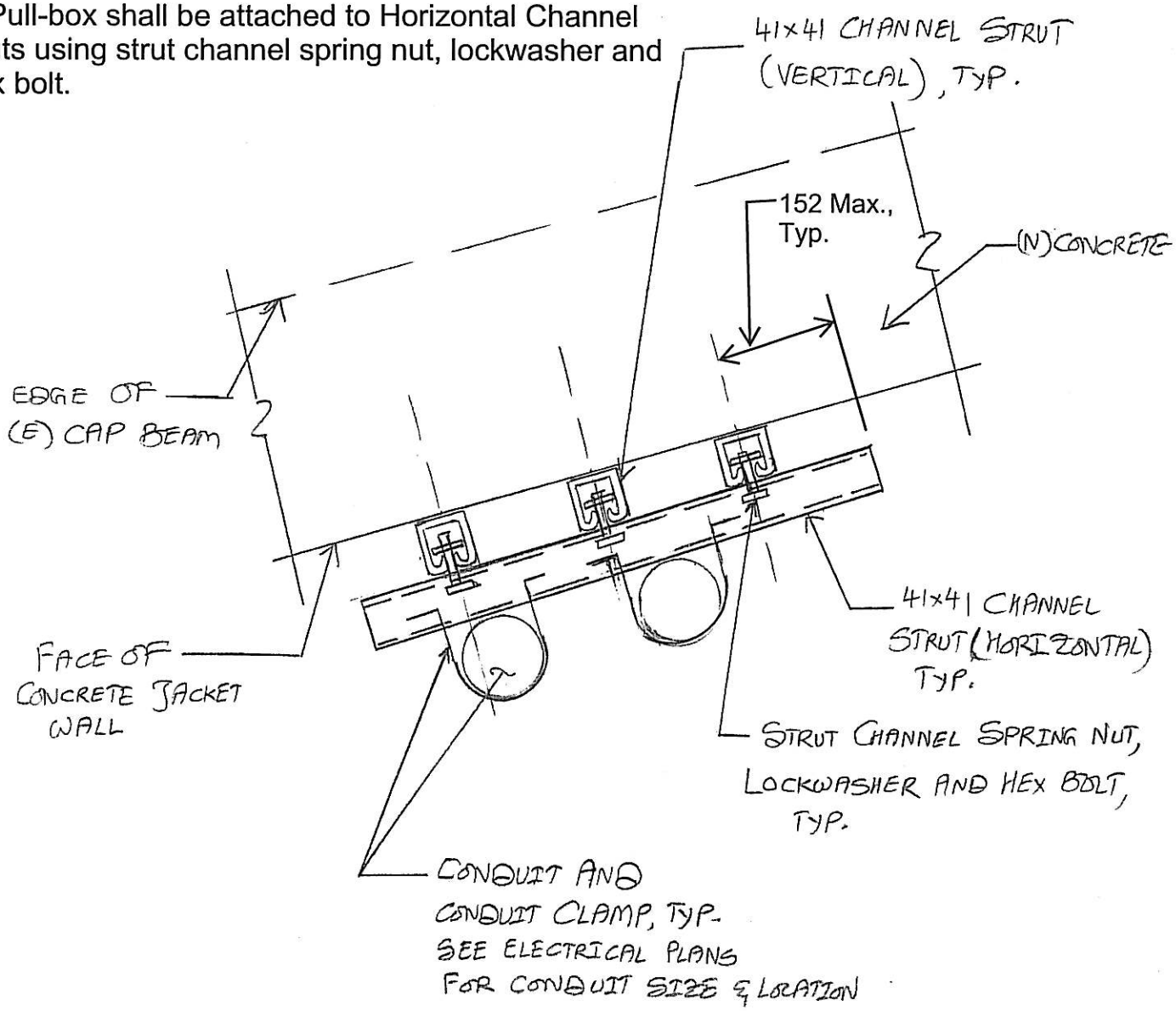
1) Contractor shall ensure all Vertical Channel struts are aligned along a straight vertical line.

2) All Channel struts and fittings shall be hot-dipped galvanized.

3) Connection at Concrete Jacket Wall is shown, connection at Soffit Beam is similar.

4) Pull-box shall be attached to Horizontal Channel struts using strut channel spring nut, lockwasher and Hex bolt.

SK3351R00-04



Horizontal Conduit Support Channel Strut and Conduit Attachment Detail