



SFOBB – SAS (Superstructure & Tower) Project  
 Two Harrison Street, Suite 500, San Francisco, CA 94105  
 Telephone (415) 291-3700 Facsimile (415) 433-0807

**CCO SUBMITTAL**

**SFOBB SAS (Superstructure & Tower) Project # 04-0120F4**

To: Caltrans Construction  
 333 Burma Road  
 Oakland, CA 94607

Date: May 9, 2007

Contract No: 04-0120F4  
 04-SF-80-13.2, 13.9

Attn: Rick Morrow

Job Name: SAS (Superstructure & Tower) Project – SFOBB

**CCO No.: 34S1**

**Subject: W2 Cap Beam ISD Resolution (Reinforcement)**

**CCO Comments:**

This CCO is prepared to incorporate the reinforcement resolutions for interferences encountered during the creation of the Contractor’s ISD model. Large portions of the interferences were resolved by adjusting the spacing of the reinforcement. In other instances, the interferences were resolved by changing the reinforcement size and quantity while still maintaining the equivalent reinforcement area. Reinforcement was also trimmed, bundled and geometry of reinforcement was also modified. These resolutions followed the guidelines established in SP 5-1.14 “Integrated Shop Drawings.”

All interferences were discussed in the Working Drawing Campus during meetings which included the Contractor, Caltrans Construction, the ISD subcontractor and the Design Joint Venture. Resolutions were discussed in open forum and once consensus of best approach was obtained, the resolution was incorporated into the Contractor’s ISD. After an interference was addressed and confirmed by the Contractor’s ISD model, the resolution was submitted via the RFI process for final review and approval by the Engineer.

Below, please find a list of the RFIs that have been included in this CCO:

Sheet No.	RFI Number
456R2	616
457R2	616
462R3	592
463R3	616
465R2	592
466R4	661
468R4	661
483R2	593, 594
484R2	593, 594
485R2	593, 594
486R2	593, 594
486S1	593, 594
486S2	593, 594
492R2	616
493R2	616
495R2	598R0/R1
497S4R1	616
497S6R1	616
497S7R1	677



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497S8R1	677
497S9R1	616, 677
497S10R1	616
497S16R1	616
497S20R1	176, 383, 659
497S21R1	176, 383, 659
497S22R1	594
497S23R1	176, 383, 659
497S23A	176, 383
497S24R1	657, 658, 501
497S25R3	656
500R2	660, 661R0/R1
772R1	21, 668
773R2	632R1, 668, 690, 691
829R1	327, 667
830R1	576, 655, 667
831R1	576, 655
832R1	655, 667
891R1	502

Impact to Scope of Work: None.

Impact to Quantities: None.

Revised Quantities for CCO: None.

**CCO Attachments:**

Revised Plan Sheets: 456R2, 457R2, 462R3, 463R3, 465R2, 466R4, 468R4, 483R2, 484R2, 485R2, 486R2, 486S1, 486S2, 492R2, 493R2, 495R2, 497S4R1, 497S6R1, 497S7R1, 497S8R1, 497S9R1, 497S10R1, 497S16R1, 497S20R1, 497S21R1, 497S22R1, 497S23R1, 497S23A, 497S24R1, 497S25R3, 500R2, 772R1, 773R2, 829R1, 830R1, 831R1, 832R1, 891R1

Reviewed By:           J. Duxbury, A. Sanjines          

QA/QC By:           M. Nader          

CC: File: TYLIN/MN-