



DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	93859	1204

REGISTERED ENGINEER - CIVIL

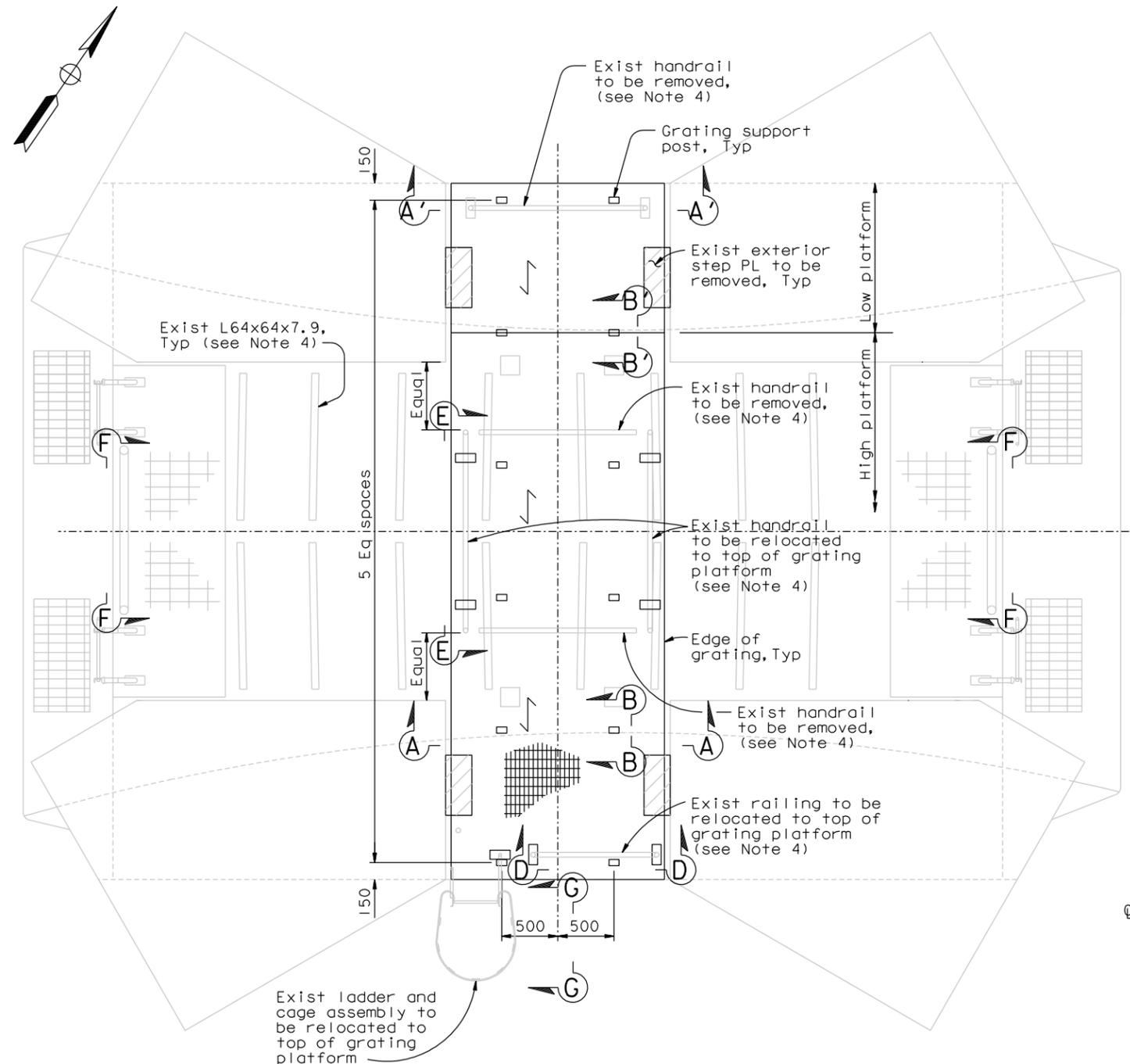
09-21-11

PLANS APPROVAL DATE

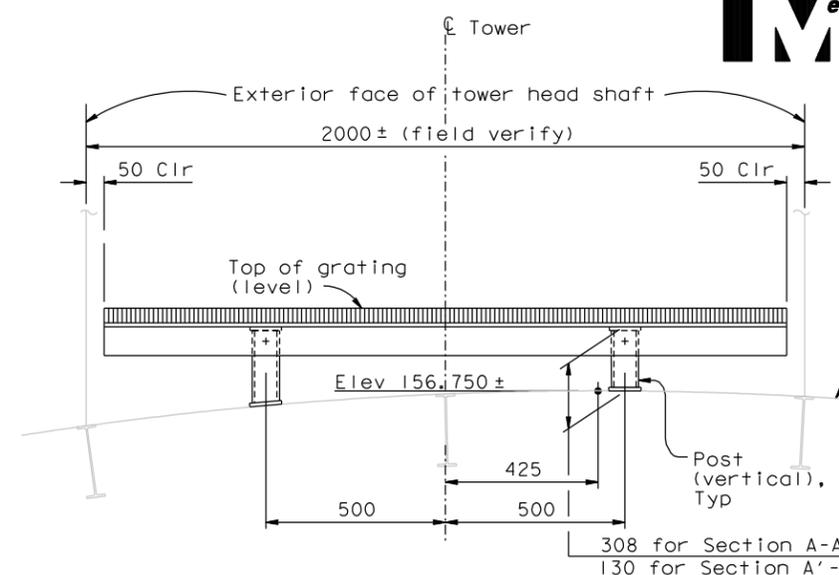
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T.Y. LIN / MOFFATT & NICHOL  
825 BATTERY STREET  
SAN FRANCISCO, CA 94111

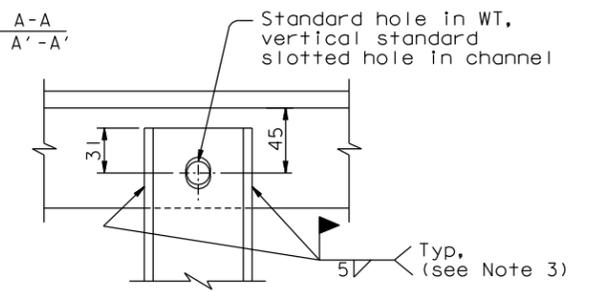
Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>



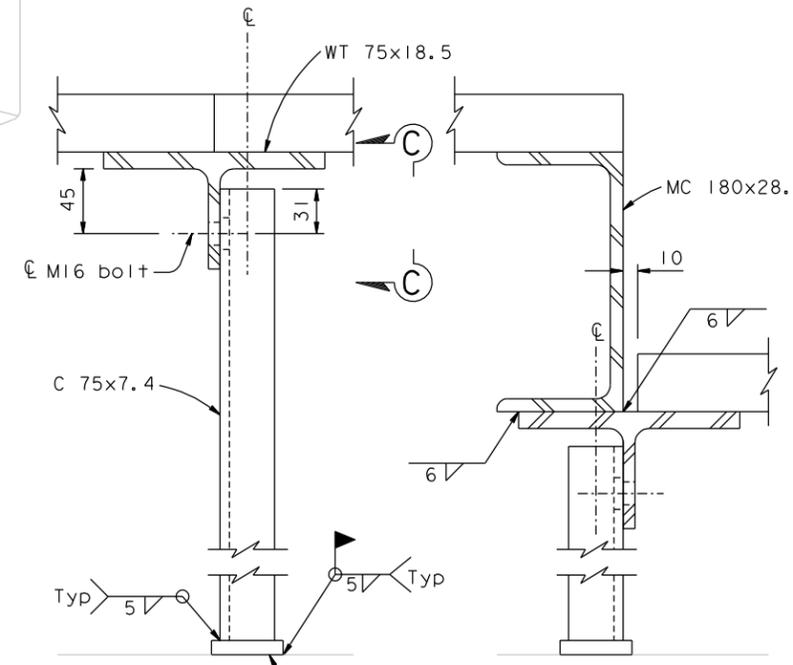
**PLAN AT ELEV 156.750**  
1:25  
(Top of tower head diaphragm PL)



**SECTION A-A**  
1:10  
(Section A'-A', similar)



**SECTION C-C**  
1:2.5



**SECTION B-B**  
1:2.5

**SECTION B'-B'**  
1:2.5

**LEGEND:**

↓ Direction of bearing bars

**NOTES:**

1. The Contractor shall provide steel grating with fasteners. The grating shall be rated to support 5 kN/m<sup>2</sup> loading with deflection not greater than 1 mm. Grating shall be secured with clamps to support beams.
2. The top of the grating shall be level.
3. Welding of channel to WT shall be performed after top of WT is level.
4. After railing removal, all bolt holes in the existing tower head diaphragm plate shall be plugged using M16 HS bolts (or imperial equivalent at the Contractor's option) with washer underneath the nut and bolt head. Bolt head shall be on the outside.
5. For View D-D, E-E and F-F, see "Tower Access Details No.32" sheet.
6. For View G-G, see "Tower Access Details No.33" sheet.
7. Grating and grating supports may be trimmed as necessary to accommodate MEP conduits or other structural components, subject to review and approval of the Engineer.

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

R. Valizadeh/V. Toan/Y.L./W.L./F.C.  
DESIGN OVERSIGHT  
SIGN OFF DATE 09/21/11

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
△	09/21/11	TOWER SUSPENDER CABLE & ELEVATOR	NV	MN	20351
REVISIONS					

DESIGN	BY	CHECKED
DESIGN	N. Vo	M. Nader
DETAILS	N. Vo	M. Nader
QUANTITIES	N. Vo	M. Nader

**PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION**

R. Manzanarez  
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)**  
**TOWER ACCESS DETAILS NO. 31**

Rev. Date: 5-18-98



CU 04  
EA 0120F1

REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET	OF
09/21/11	52	59