| DIST. | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF | 80 | 13.2/13.9 | 497S20R1 | 1204 |

REGISTERED ENGINEER - CIVIL

07-21-06

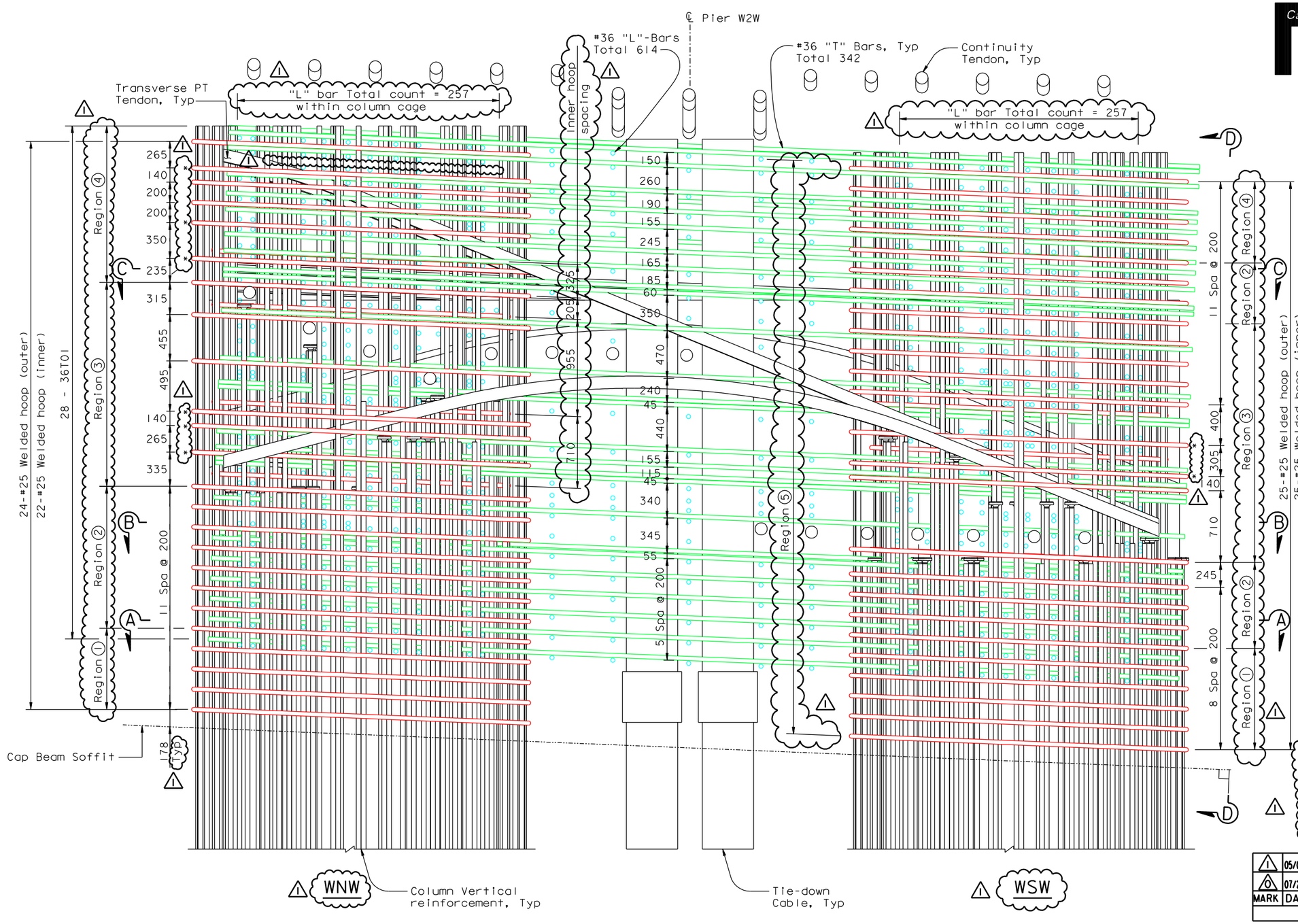
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER James P.Duxbury No. C 64677 Exp. 06/30/07 CIVIL STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

To get to the web site, go to: http://www.dot.ca.gov

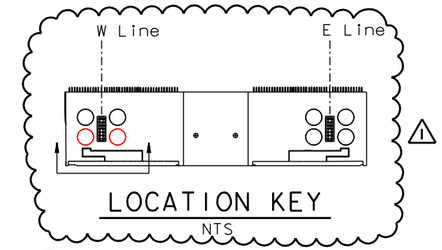



## COLUMN REGION REINFORCEMENT (NORTH ELEVATION)

(Looking East)

1:20

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN




## LOCATION KEY

NTS

LEGEND:

* - Indicates no inner hoop at specified location

Region ①: Up to 12-"L" bars may placed between hoops.

Region ②: "L" bars Max/Min=12/6 count between hoops.

Region ③: "L" bars Total count: WNW=110; WSW=160.

Region ④: Up to 6-"L" bars may be placed between hoops to obtain total bar count.

Region ⑤: "L" bar Total count between column cages=100.

NOTES:

1. For Section A-A thru C-C, see "W2 Cap Beam Reinforcement Details No.46" sheet.
2. For Elevation D-D, see "W2 Cap Beam Reinforcement Details No.47" sheet.
3. Column vertical reinforcement shall be cut to avoid PT ducts. Maximum clearance distance between top of bar and PT duct is 200.
4. Region ③ hoop spacing may be adjusted within 4x bar diameters.
5. Limits for Region ① to Region ⑤ are provided for general guidance in placing the "T" & "L" bars. Region ① thru Region ④ are within the column cage while Region ⑤ is located between the column cages.

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 1 | 05/04/07 | W2 CAP BEAM ISD RESOLUTION | JD | AS | 34S1 |
| 0 | 07/21/06 | W2 CAP BEAM ISD | JD | AS | 23 |

REVISIONS

CONTRACT CHANGE ORDER NO. _____
SHEET ____ OF ____

100 % PS&E

DATE PLOTTED => 09 MAY 2007 TIME PLOTTED => 15:45:36

R. Valizadeh/V.Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Roya Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 05/04/07

| | | | |
|---|---|---|---|
| DESIGN | BY J. Duxbury | CHECKED A. Sanjines | |
| DETAILS | BY J. Duxbury | CHECKED A. Sanjines | |
| QUANTITIES | BY N. Vo | CHECKED J. Duxbury | |

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)

# W2 CAP BEAM REINFORCEMENT DETAILS NO. 44

Rev. Date: 5-18-98

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) 07/21/06

SHEET 080S20R1 OF

FILE => I:\bb\04-0120F1\sas\contract plans and cco\cco\in progress\cco#34s1\aecap43r-s.dgn

USERNAME => ptam