DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	539SIRI	1204

REGISTERED ENGINEER - CIVIL

01-10-14

PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/15 CIVIL STATE OF CALIFORNIA

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

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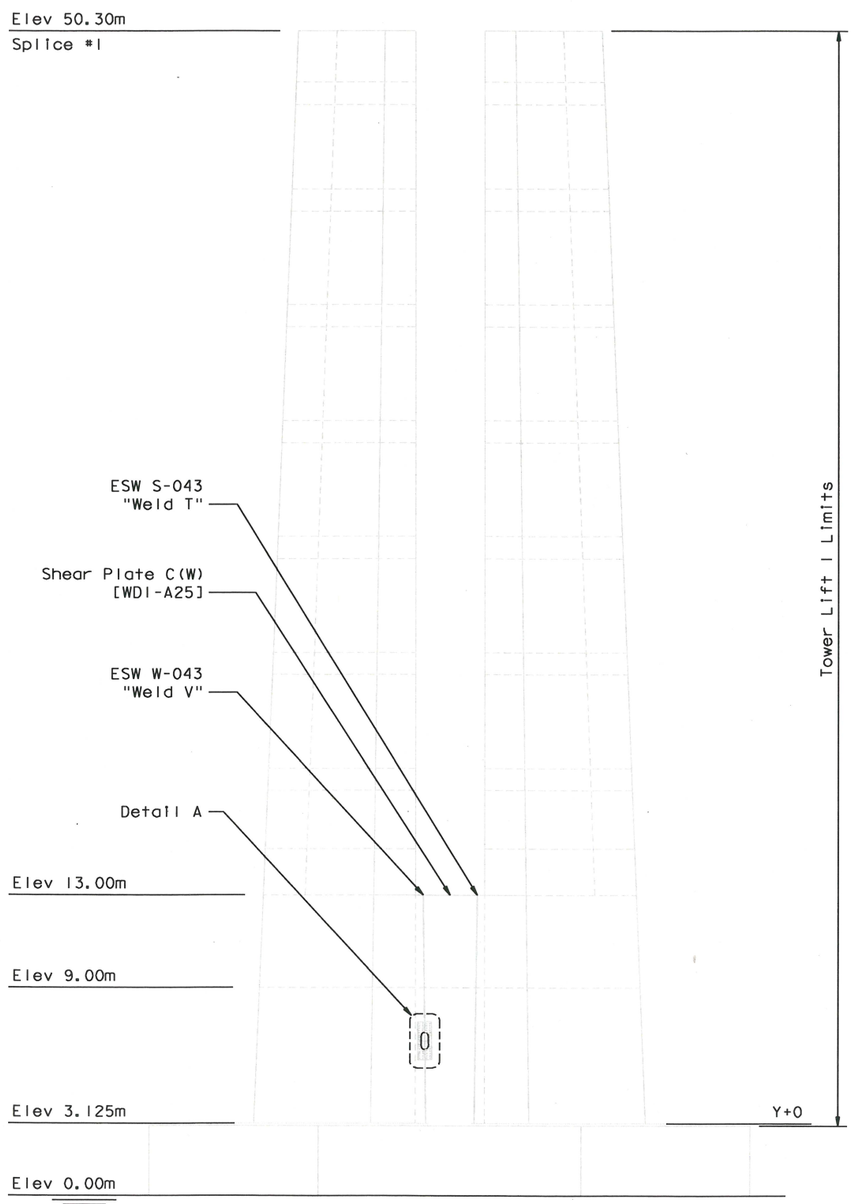
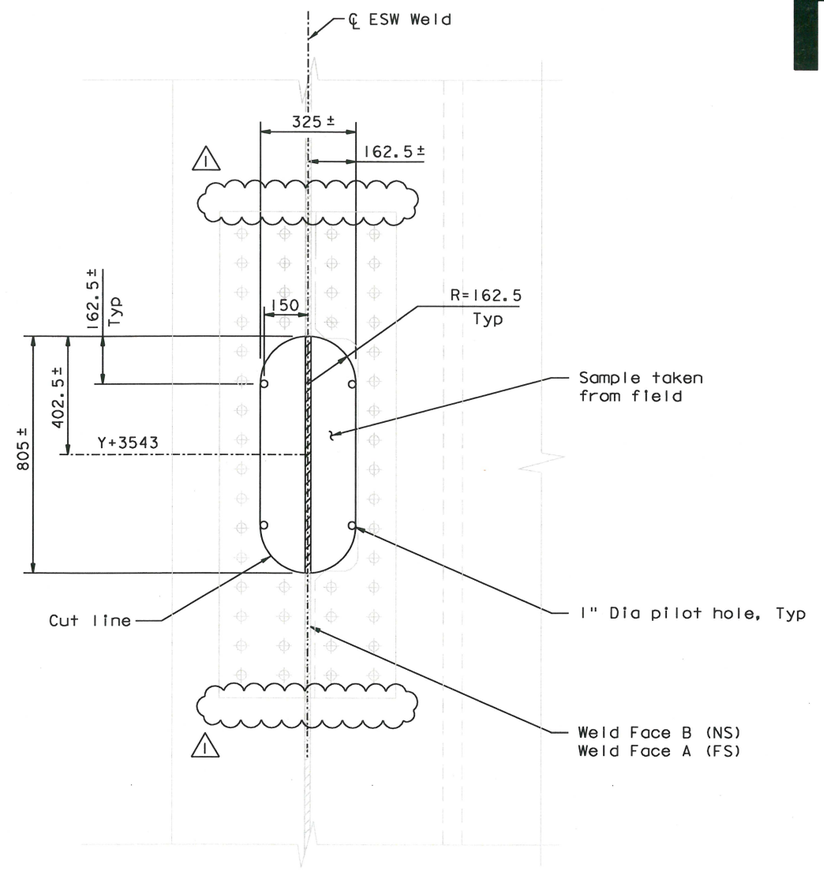


TOWER SHAFT ELEVATION VIEW - ESW WELDS V & T (LOOKING EAST)

1:125



DETAIL A (SAMPLE REMOVAL)

1:10

SAMPLE REMOVAL:

1. Remove Face B weld reinforcement by grinding.
2. Scribe Y+ & X offset reference lines on Face B.
3. Drill pilot holes.
4. Remove sample with thermal cutting.

NOTES:

1. Sample location shall be confirmed by the Engineer prior to removal of sample.
2. Indications shall be confirmed prior to removal of sample.
3. An 1" Dia pilot hole will be drilled (Max 4) to facilitate removal of sample.
4. For Tower retrofit details, see "Tower Shaft Details No. 13" sheet.

CONTRACT CHANGE ORDER NO. 366
SHEET 2 OF 3

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 01/22/14

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	01/22/14	ESW TEST SAMPLE	NV	MN	366
0	01/10/14	ESW TEST SAMPLE	NV	MN	366

REVISIONS

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

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)

TOWER SHAFT DETAILS NO. 12

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 01/10/14

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 122SIRI OF

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DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	539S2R1	1204

REGISTERED ENGINEER - CIVIL

01-10-14

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/15 CIVIL STATE OF CALIFORNIA

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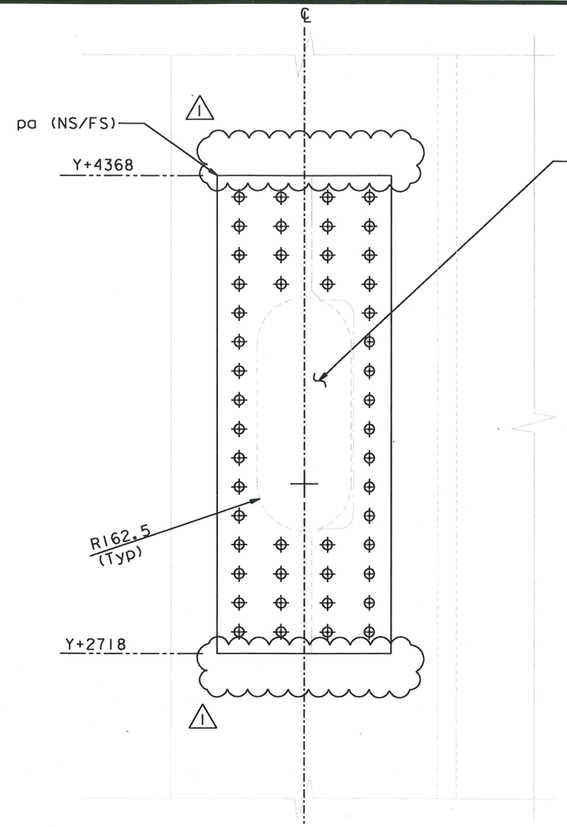


DETAIL A-ESW WELD V RETROFIT
ELEVATION VIEW (LOOKING EAST)

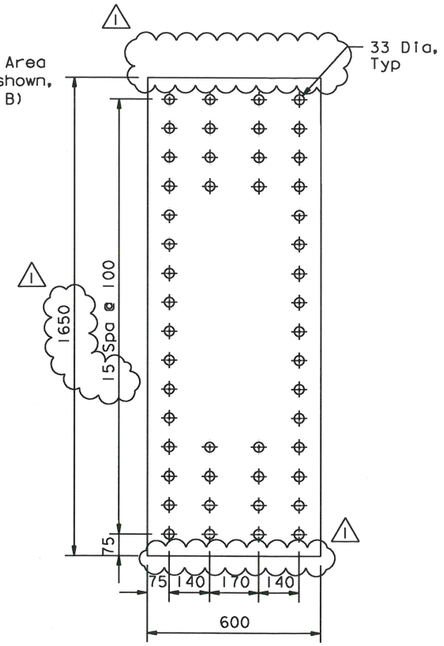


PLATE pa (40)
1:10
(Qty = 1 pa No Bevel)
(Qty = 1 pa With Bevel - See Detail C)

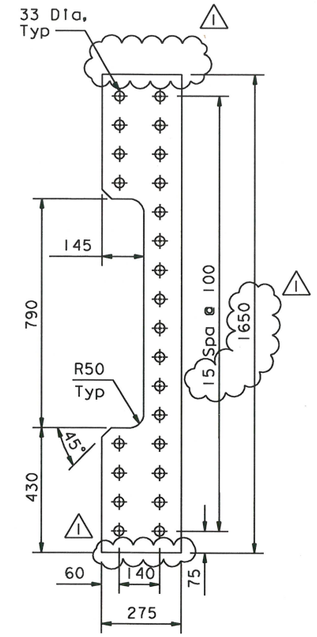
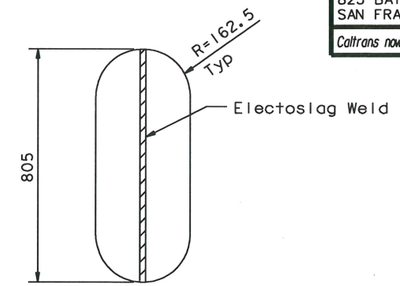
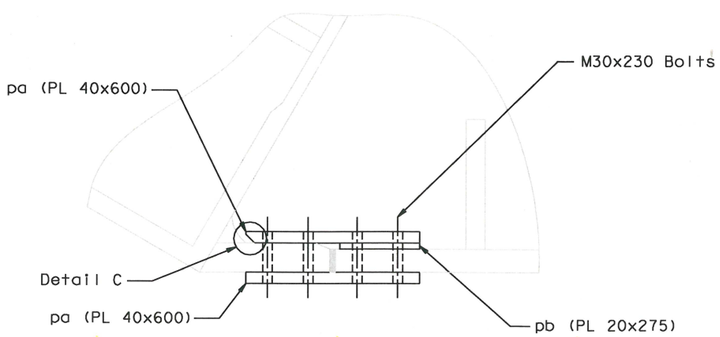


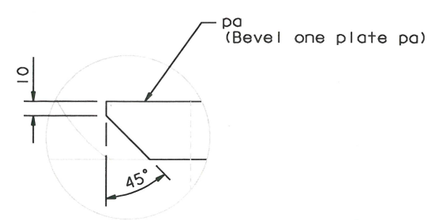
PLATE pb (20)
1:10
(Qty = 1)



DETAIL B
1:10
(ESW Sample)



ESW WELD V RETROFIT
PLAN VIEW



DETAIL C
1:2

NOTES:

1. All material shall be A709 Gr. 50, CVN T2.
2. Paint shall be Inorganic Zinc Primer (Class B faying surface).
3. Bolts shall be A490M Geomet coated. Bolts shall be fully pretensioned to snug tight plus 1/2 turn.

CONTRACT CHANGE ORDER NO. 366
SHEET 3 OF 3

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A. Akinsanya / W. Long
DESIGN OVERSIGHT
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REVISIONS

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SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)

TOWER SHAFT DETAILS NO. 13

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

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REVISION DATES (PRELIMINARY STAGE ONLY)

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